

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
 Data File : VV037554.D  
 Acq On : 26 Sep 2024 17:33  
 Operator : SY/MD  
 Sample : P4184-03  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY031

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % 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\_V\Method\SFAMVLM092624WMA.M  
 Title : VOC Analysis

Signal : TIC: VV037554.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         | 1.175       | 34            | 42          | 52           | rBV      | 39513          | 67872         | 0.40%           | 0.061%        |
| 2         | 1.281       | 67            | 75          | 94           | rBV2     | 1532276        | 1703599       | 10.16%          | 1.539%        |
| 3         | 1.420       | 112           | 118         | 129          | rVB2     | 5252           | 9592          | 0.06%           | 0.009%        |
| 4         | 1.548       | 145           | 158         | 185          | rVB      | 3730859        | 4816305       | 28.71%          | 4.351%        |
| 5         | 1.670       | 192           | 196         | 203          | rVB      | 7084           | 7201          | 0.04%           | 0.007%        |
| 6         | 1.738       | 211           | 217         | 226          | rVB2     | 20456          | 23953         | 0.14%           | 0.022%        |
| 7         | 1.986       | 289           | 294         | 304          | rVB      | 9202           | 11757         | 0.07%           | 0.011%        |
| 8         | 2.060       | 306           | 317         | 330          | rBV2     | 710598         | 1043725       | 6.22%           | 0.943%        |
| 9         | 2.153       | 341           | 346         | 353          | rVB4     | 8399           | 9977          | 0.06%           | 0.009%        |
| 10        | 2.201       | 354           | 361         | 370          | rBV      | 19036          | 33615         | 0.20%           | 0.030%        |
| 11        | 2.445       | 431           | 437         | 444          | rVB2     | 8532           | 12506         | 0.07%           | 0.011%        |
| 12        | 2.690       | 503           | 513         | 532          | rVB      | 109744         | 190659        | 1.14%           | 0.172%        |
| 13        | 2.844       | 557           | 561         | 567          | rVB      | 14993          | 12229         | 0.07%           | 0.011%        |
| 14        | 3.105       | 623           | 642         | 666          | rBV      | 5096907        | 10278110      | 61.27%          | 9.285%        |
| 15        | 3.661       | 806           | 815         | 822          | rBV7     | 3121           | 5784          | 0.03%           | 0.005%        |
| 16        | 3.805       | 844           | 860         | 899          | rBV      | 3383761        | 8013250       | 47.77%          | 7.239%        |
| 17        | 4.243       | 979           | 996         | 1023         | rBV      | 424310         | 1070650       | 6.38%           | 0.967%        |
| 18        | 4.503       | 1060          | 1077        | 1094         | rBV3     | 180029         | 463020        | 2.76%           | 0.418%        |
| 19        | 4.950       | 1200          | 1216        | 1242         | rBV2     | 1057018        | 2711203       | 16.16%          | 2.449%        |
| 20        | 5.143       | 1274          | 1276        | 1283         | rVB8     | 3628           | 3436          | 0.02%           | 0.003%        |
| 21        | 5.223       | 1295          | 1301        | 1303         | rBV4     | 3111           | 3044          | 0.02%           | 0.003%        |
| 22        | 5.474       | 1374          | 1379        | 1381         | rBV6     | 2036           | 1957          | 0.01%           | 0.002%        |
| 23        | 5.529       | 1384          | 1396        | 1435         | rVV      | 797509         | 1630725       | 9.72%           | 1.473%        |
| 24        | 5.828       | 1474          | 1489        | 1518         | rBV      | 736952         | 1485370       | 8.85%           | 1.342%        |
| 25        | 5.982       | 1525          | 1537        | 1575         | rBV      | 578861         | 1240033       | 7.39%           | 1.120%        |
| 26        | 6.908       | 1814          | 1825        | 1850         | rBV      | 312160         | 605530        | 3.61%           | 0.547%        |
| 27        | 7.178       | 1901          | 1909        | 1913         | rBV9     | 5559           | 7735          | 0.05%           | 0.007%        |
| 28        | 7.236       | 1916          | 1927        | 1942         | rVV      | 1212944        | 2129389       | 12.69%          | 1.924%        |
| 29        | 7.310       | 1942          | 1950        | 1976         | rVB      | 498455         | 905478        | 5.40%           | 0.818%        |
| 30        | 7.551       | 2014          | 2025        | 2058         | rBV      | 209855         | 402224        | 2.40%           | 0.363%        |
| 31        | 7.776       | 2085          | 2095        | 2114         | rBV8     | 10573          | 25001         | 0.15%           | 0.023%        |
| 32        | 7.902       | 2117          | 2134        | 2149         | rBV3     | 43733          | 85464         | 0.51%           | 0.077%        |
| 33        | 8.024       | 2163          | 2172        | 2207         | rBV      | 395175         | 808662        | 4.82%           | 0.730%        |
| 34        | 8.214       | 2224          | 2231        | 2239         | rVB5     | 8170           | 12755         | 0.08%           | 0.012%        |
| 35        | 8.275       | 2246          | 2250        | 2260         | rVB10    | 3002           | 3901          | 0.02%           | 0.004%        |
| 36        | 8.419       | 2288          | 2295        | 2297         | rBV8     | 3243           | 3746          | 0.02%           | 0.003%        |

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 Sample : P4184-03  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY031

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % 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\_V\Method\SFAMVLM092624WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 37 | 8.654  | 2359 | 2368 | 2373 | rBV8 | 4606     | 7931     | 0.05%   | 0.007%  |
| 38 | 8.780  | 2394 | 2407 | 2426 | rBV  | 1223533  | 2022493  | 12.06%  | 1.827%  |
| 39 | 8.940  | 2445 | 2457 | 2483 | rBV  | 2715449  | 4225817  | 25.19%  | 3.817%  |
| 40 | 9.066  | 2484 | 2496 | 2524 | rVB  | 4041814  | 6479707  | 38.63%  | 5.853%  |
| 41 | 9.326  | 2573 | 2577 | 2583 | rVB8 | 1248     | 1538     | 0.01%   | 0.001%  |
| 42 | 9.416  | 2600 | 2605 | 2610 | rBV7 | 2162     | 2179     | 0.01%   | 0.002%  |
| 43 | 9.471  | 2610 | 2622 | 2649 | rBV  | 2195351  | 3340529  | 19.91%  | 3.018%  |
| 44 | 9.632  | 2664 | 2672 | 2684 | rVB7 | 12273    | 22917    | 0.14%   | 0.021%  |
| 45 | 9.731  | 2695 | 2703 | 2712 | rBV7 | 8473     | 14054    | 0.08%   | 0.013%  |
| 46 | 9.860  | 2732 | 2743 | 2764 | rBV  | 489732   | 779716   | 4.65%   | 0.704%  |
| 47 | 9.950  | 2764 | 2771 | 2781 | rVB8 | 7567     | 12296    | 0.07%   | 0.011%  |
| 48 | 10.024 | 2785 | 2794 | 2801 | rBV2 | 21322    | 37885    | 0.23%   | 0.034%  |
| 49 | 10.146 | 2821 | 2832 | 2851 | rBV  | 722625   | 1133882  | 6.76%   | 1.024%  |
| 50 | 10.284 | 2863 | 2875 | 2893 | rBV  | 1202565  | 1855670  | 11.06%  | 1.676%  |
| 51 | 10.378 | 2893 | 2904 | 2923 | rVV  | 2892285  | 6082980  | 36.26%  | 5.495%  |
| 52 | 10.471 | 2923 | 2933 | 2951 | rVB  | 1034337  | 1552121  | 9.25%   | 1.402%  |
| 53 | 10.667 | 2973 | 2994 | 3020 | rBV  | 3276383  | 4940944  | 29.45%  | 4.463%  |
| 54 | 10.796 | 3027 | 3034 | 3037 | rBV3 | 10929    | 13598    | 0.08%   | 0.012%  |
| 55 | 10.844 | 3037 | 3049 | 3078 | rVB  | 11446855 | 16774921 | 100.00% | 15.153% |
| 56 | 10.988 | 3087 | 3094 | 3097 | rBV  | 48550    | 58974    | 0.35%   | 0.053%  |
| 57 | 11.021 | 3098 | 3104 | 3123 | rVB  | 114861   | 185246   | 1.10%   | 0.167%  |
| 58 | 11.127 | 3125 | 3137 | 3144 | rBV  | 269107   | 411187   | 2.45%   | 0.371%  |
| 59 | 11.178 | 3144 | 3153 | 3169 | rVV  | 1520136  | 2338122  | 13.94%  | 2.112%  |
| 60 | 11.265 | 3169 | 3180 | 3199 | rVB  | 2834922  | 4145191  | 24.71%  | 3.745%  |
| 61 | 11.384 | 3210 | 3217 | 3228 | rVB  | 41617    | 61183    | 0.36%   | 0.055%  |
| 62 | 11.458 | 3228 | 3240 | 3250 | rBV  | 1641683  | 2808811  | 16.74%  | 2.537%  |
| 63 | 11.506 | 3250 | 3255 | 3261 | rVV  | 414692   | 596566   | 3.56%   | 0.539%  |
| 64 | 11.554 | 3261 | 3270 | 3298 | rVB3 | 1591862  | 3342435  | 19.93%  | 3.019%  |
| 65 | 11.677 | 3299 | 3308 | 3321 | rVB3 | 74896    | 118698   | 0.71%   | 0.107%  |
| 66 | 11.750 | 3321 | 3331 | 3349 | rVB  | 210358   | 332754   | 1.98%   | 0.301%  |
| 67 | 11.847 | 3349 | 3361 | 3379 | rBV3 | 644301   | 1655632  | 9.87%   | 1.496%  |
| 68 | 11.947 | 3384 | 3392 | 3412 | rVV2 | 507582   | 947010   | 5.65%   | 0.855%  |
| 69 | 12.046 | 3413 | 3423 | 3457 | rVB2 | 191226   | 491417   | 2.93%   | 0.444%  |
| 70 | 12.191 | 3460 | 3468 | 3474 | rBV6 | 11257    | 17568    | 0.10%   | 0.016%  |
| 71 | 12.246 | 3474 | 3485 | 3497 | rVV  | 150228   | 246438   | 1.47%   | 0.223%  |
| 72 | 12.345 | 3499 | 3516 | 3524 | rBV  | 216935   | 334656   | 1.99%   | 0.302%  |
| 73 | 12.397 | 3524 | 3532 | 3550 | rVB  | 378616   | 578338   | 3.45%   | 0.522%  |
| 74 | 12.487 | 3552 | 3560 | 3566 | rBV4 | 11095    | 15557    | 0.09%   | 0.014%  |
| 75 | 12.522 | 3569 | 3571 | 3576 | rVB6 | 4371     | 3109     | 0.02%   | 0.003%  |
| 76 | 12.580 | 3585 | 3589 | 3594 | rVB4 | 8391     | 8835     | 0.05%   | 0.008%  |

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 Operator : SY/MD  
 Sample : P4184-03  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY031

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % 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\_V\Method\SFAMVLM092624WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |       |        |         |       |        |
|-----|--------|------|------|------|-------|--------|---------|-------|--------|
| 77  | 12.619 | 3594 | 3601 | 3603 | rBV3  | 6855   | 8047    | 0.05% | 0.007% |
| 78  | 12.657 | 3605 | 3613 | 3628 | rVB2  | 100314 | 158680  | 0.95% | 0.143% |
| 79  | 12.728 | 3630 | 3635 | 3642 | rVB7  | 4806   | 6498    | 0.04% | 0.006% |
| 80  | 12.812 | 3642 | 3661 | 3673 | rBV2  | 512416 | 810304  | 4.83% | 0.732% |
| 81  | 12.937 | 3697 | 3700 | 3702 | rVV3  | 3585   | 2807    | 0.02% | 0.003% |
| 82  | 12.975 | 3703 | 3712 | 3728 | rVB   | 126558 | 205334  | 1.22% | 0.185% |
| 83  | 13.094 | 3737 | 3749 | 3759 | rBV10 | 12796  | 25527   | 0.15% | 0.023% |
| 84  | 13.149 | 3761 | 3766 | 3773 | rVB4  | 7043   | 9976    | 0.06% | 0.009% |
| 85  | 13.204 | 3773 | 3783 | 3790 | rBV5  | 24480  | 42230   | 0.25% | 0.038% |
| 86  | 13.268 | 3799 | 3803 | 3806 | rBV4  | 4041   | 3043    | 0.02% | 0.003% |
| 87  | 13.300 | 3808 | 3813 | 3818 | rVV   | 7702   | 9044    | 0.05% | 0.008% |
| 88  | 13.336 | 3819 | 3824 | 3831 | rVB4  | 7283   | 9407    | 0.06% | 0.008% |
| 89  | 13.432 | 3842 | 3854 | 3882 | rBV   | 785140 | 1324453 | 7.90% | 1.196% |
| 90  | 13.647 | 3914 | 3921 | 3922 | rBV6  | 2825   | 2795    | 0.02% | 0.003% |
| 91  | 13.840 | 3976 | 3981 | 3982 | rBV4  | 3063   | 2200    | 0.01% | 0.002% |
| 92  | 14.037 | 4030 | 4042 | 4052 | rBV8  | 7527   | 18528   | 0.11% | 0.017% |
| 93  | 14.172 | 4075 | 4084 | 4088 | rBV8  | 4992   | 7996    | 0.05% | 0.007% |
| 94  | 14.223 | 4094 | 4100 | 4109 | rVB8  | 4648   | 6783    | 0.04% | 0.006% |
| 95  | 14.365 | 4135 | 4144 | 4156 | rVB10 | 8432   | 15099   | 0.09% | 0.014% |
| 96  | 14.567 | 4199 | 4207 | 4222 | rBV2  | 44811  | 79430   | 0.47% | 0.072% |
| 97  | 14.750 | 4253 | 4264 | 4280 | rBV2  | 35082  | 65913   | 0.39% | 0.060% |
| 98  | 15.332 | 4437 | 4445 | 4450 | rBV10 | 2514   | 3445    | 0.02% | 0.003% |
| 99  | 15.361 | 4450 | 4454 | 4457 | rBV6  | 2016   | 1560    | 0.01% | 0.001% |
| 100 | 16.110 | 4678 | 4687 | 4699 | rBV6  | 25066  | 42903   | 0.26% | 0.039% |

Sum of corrected areas: 110700364

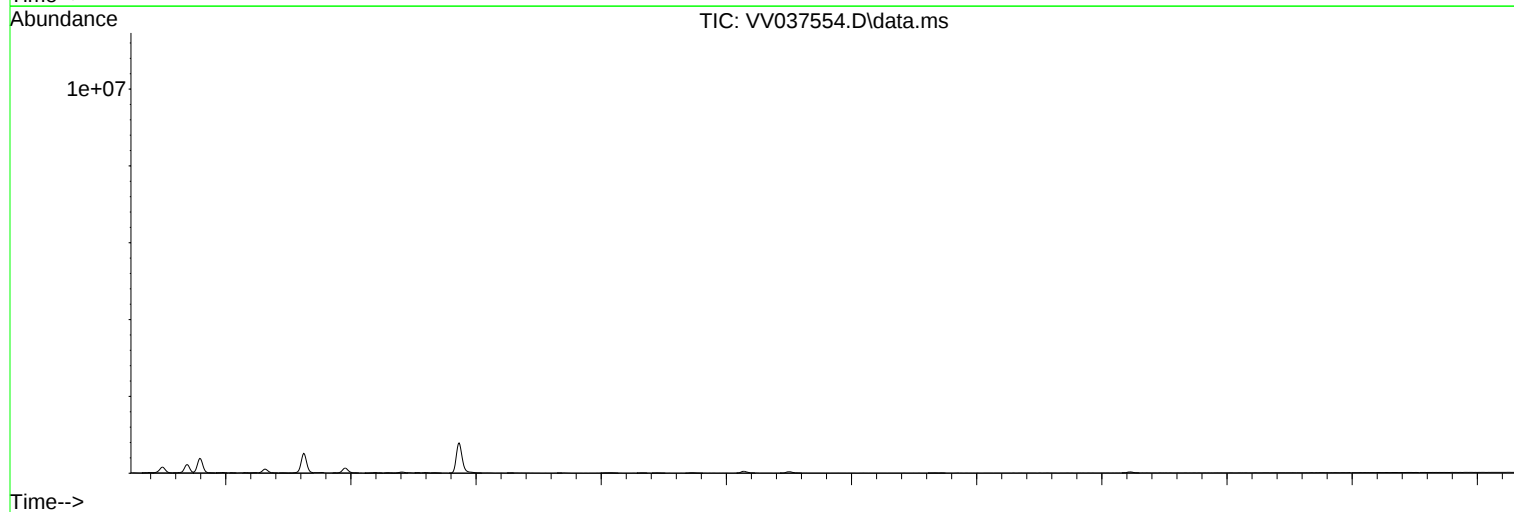
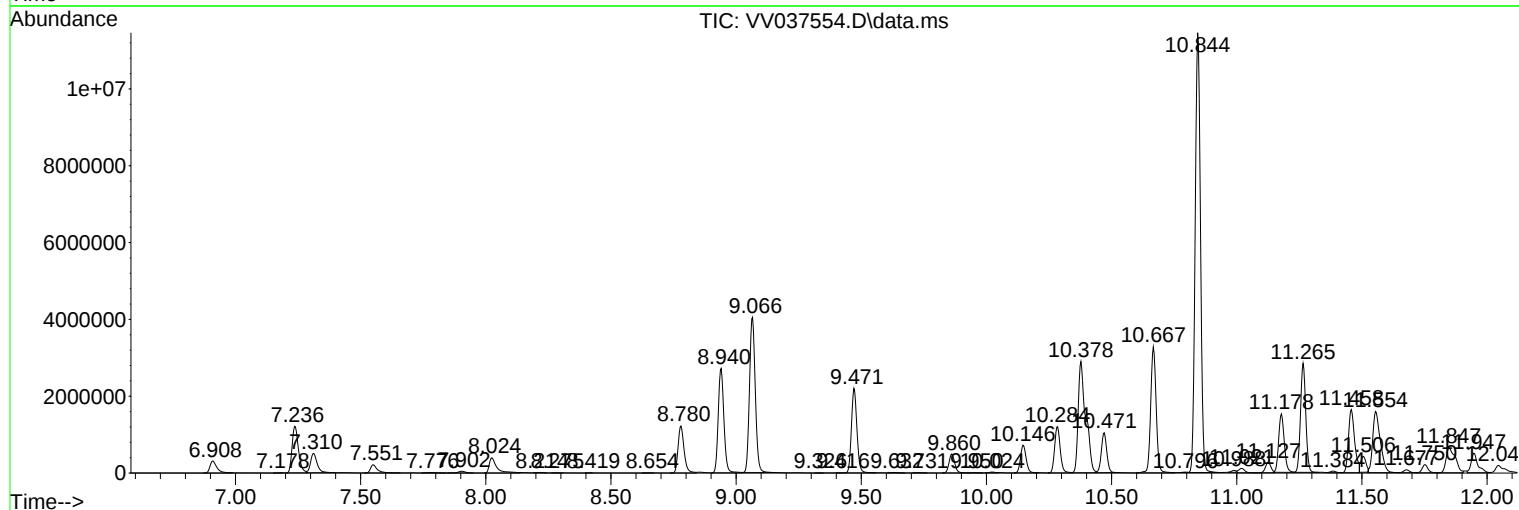
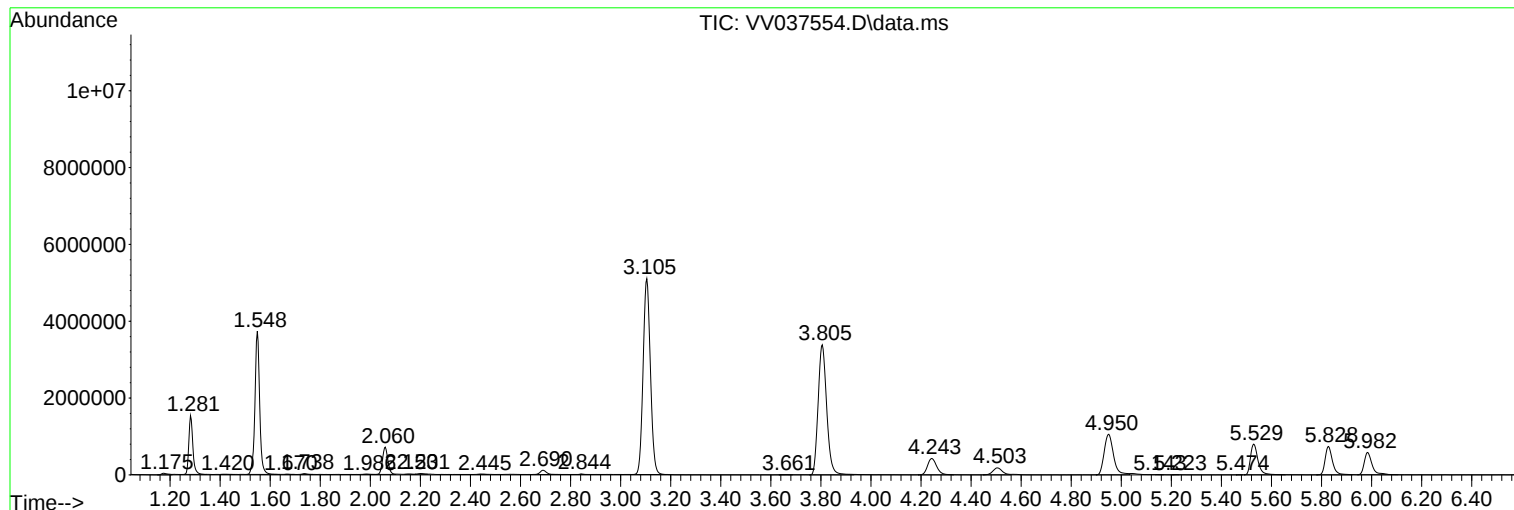
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

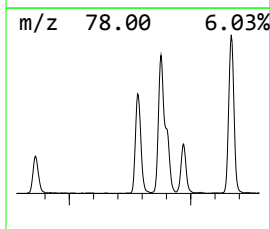
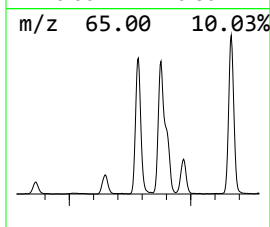
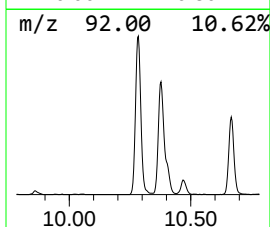
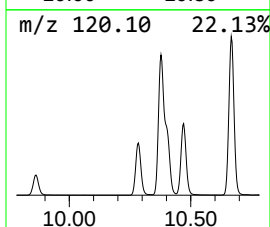
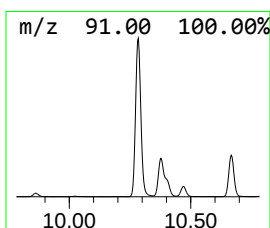
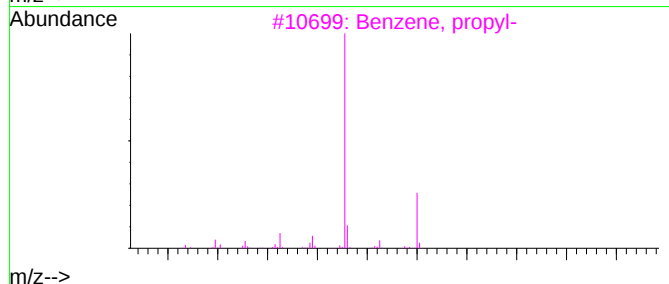
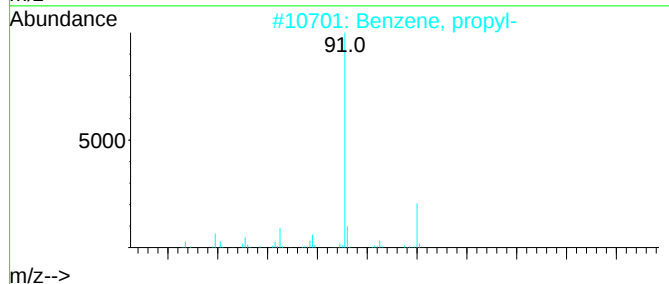
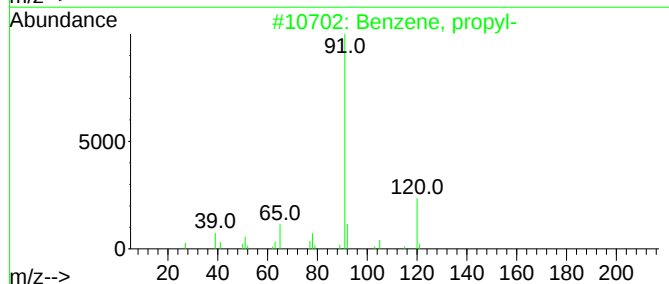
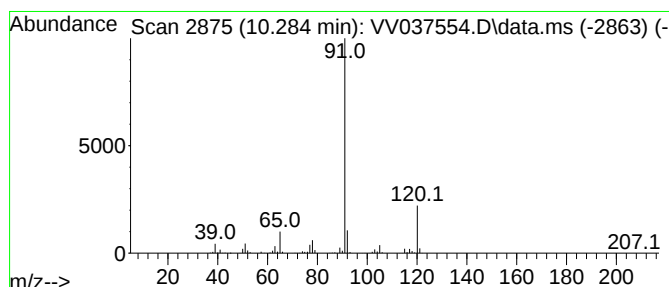
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzene, propyl- Concentration Rank 5

| R.T.      | EstConc                   | Area    | Relative to ISTD       |         |             | R.T.   |
|-----------|---------------------------|---------|------------------------|---------|-------------|--------|
| 10.284    | 39.68 ug/L                | 1855670 | 1,4-Dichlorobenzene-d4 |         |             | 11.178 |
| Hit# of 5 | Tentative ID              |         | MW                     | MolForm | CAS#        | Qual   |
| 1         | Benzene, propyl-          |         | 120                    | C9H12   | 000103-65-1 | 93     |
| 2         | Benzene, propyl-          |         | 120                    | C9H12   | 000103-65-1 | 90     |
| 3         | Benzene, propyl-          |         | 120                    | C9H12   | 000103-65-1 | 90     |
| 4         | Benzene, propyl-          |         | 120                    | C9H12   | 000103-65-1 | 86     |
| 5         | N-Benzyl-2-phenethylamine |         | 211                    | C15H17N | 003647-71-0 | 83     |



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Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

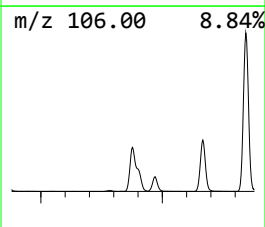
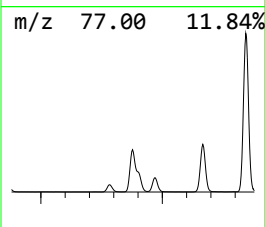
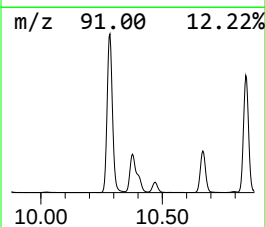
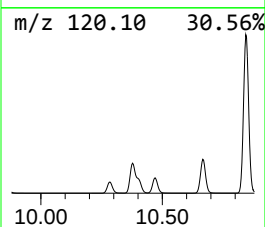
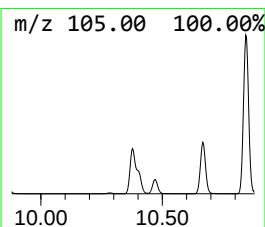
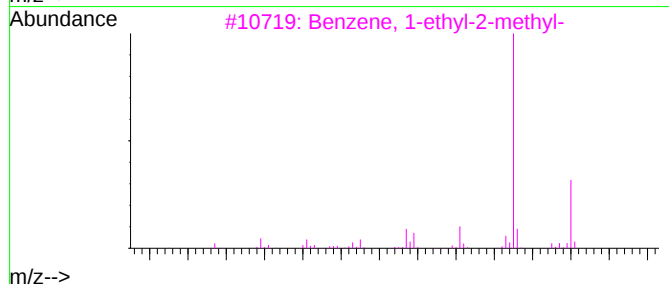
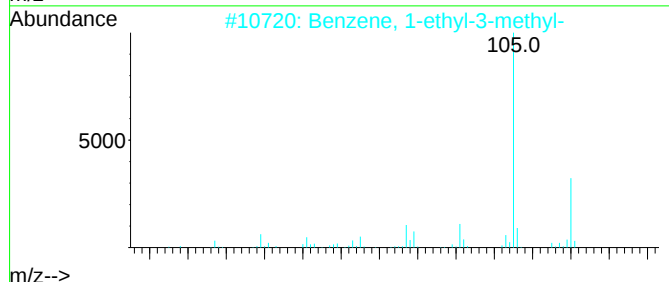
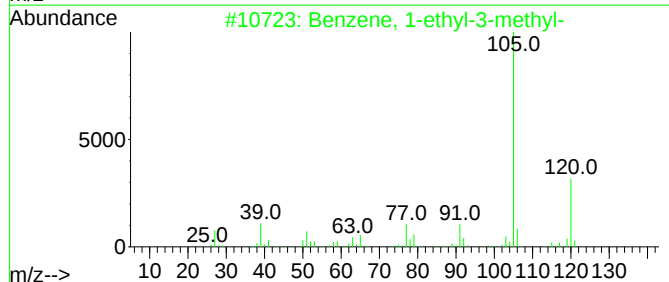
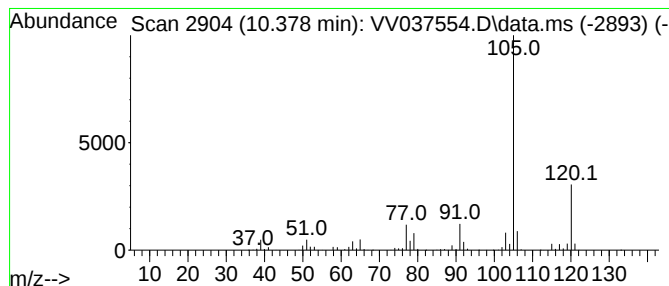
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 10.378 | 130.08 ug/L | 6082980 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|-----------|----------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 2         | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 3         | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 4         | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 5         | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

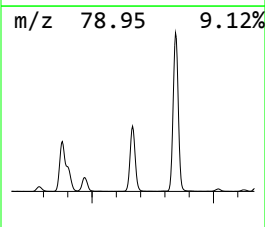
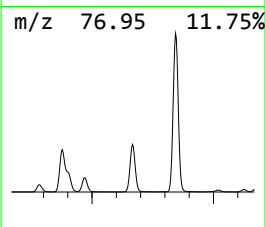
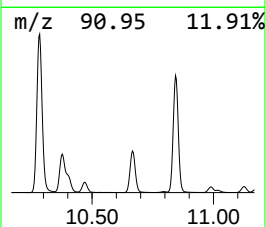
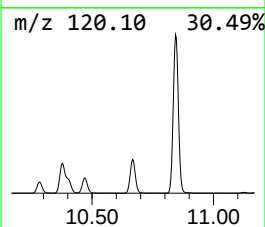
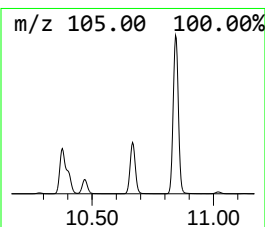
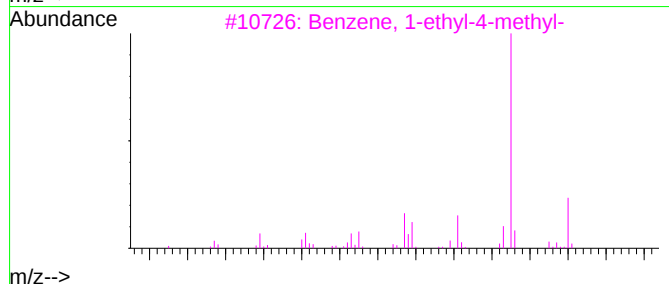
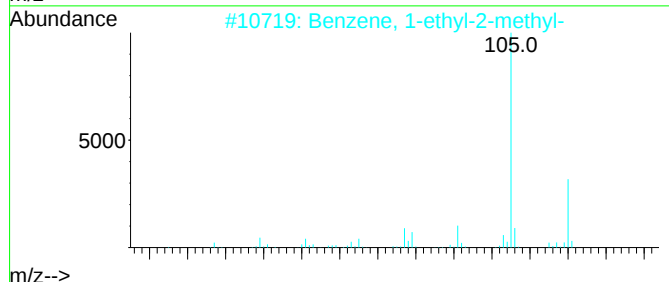
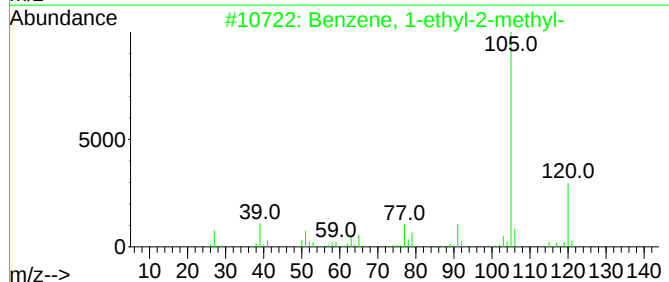
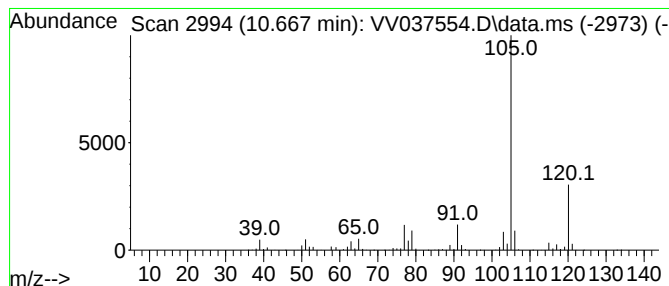
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Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 10.667 | 105.66 ug/L | 4940940 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|-----------|----------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2         | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 3         | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 4         | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 93   |
| 5         | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

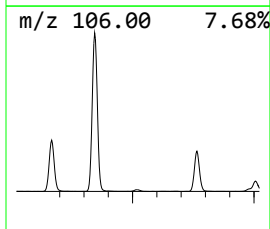
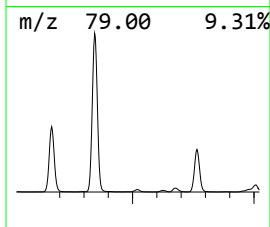
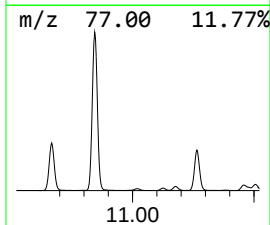
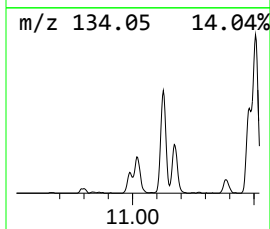
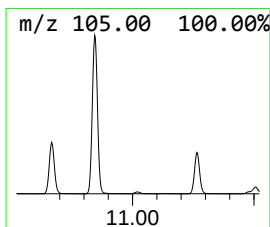
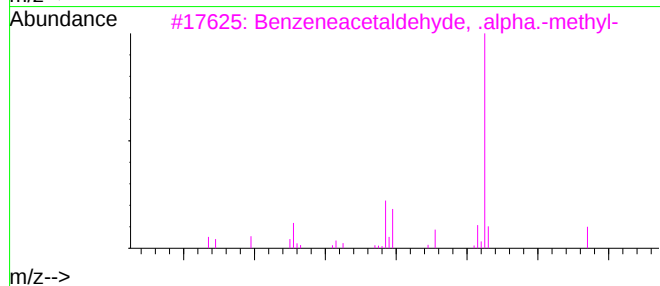
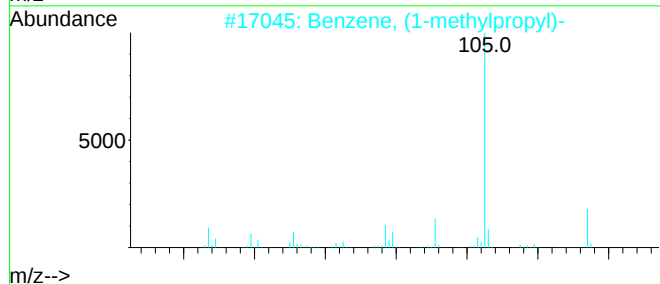
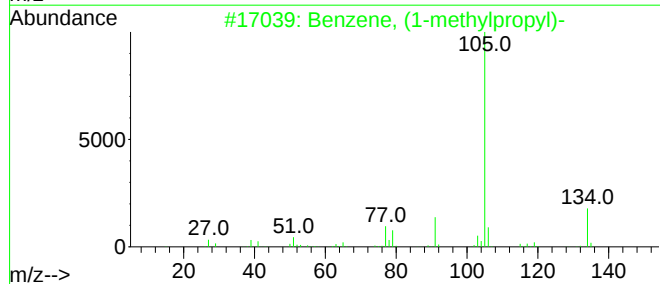
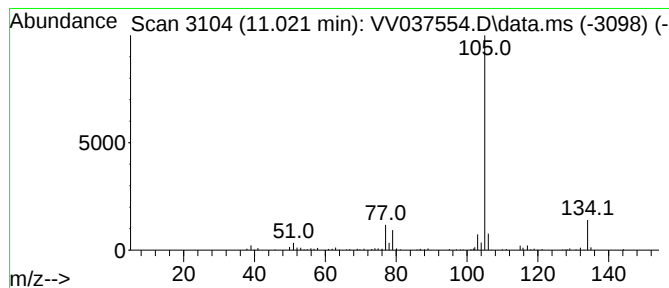
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Quant Title : VOC Analysis

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

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Peak Number 5 Benzene, (1-methylpropyl)- Concentration Rank 18

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.021 | 3.96 ug/L | 185246 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | Benzene, (1-methylpropyl)-          | 134 | C10H14  | 000135-98-8 | 91   |
| 2         | Benzene, (1-methylpropyl)-          | 134 | C10H14  | 000135-98-8 | 86   |
| 3         | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 86   |
| 4         | Benzene, (1-methylpropyl)-          | 134 | C10H14  | 000135-98-8 | 86   |
| 5         | Benzene, 1-methyl-2-propyl-         | 134 | C10H14  | 001074-17-5 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

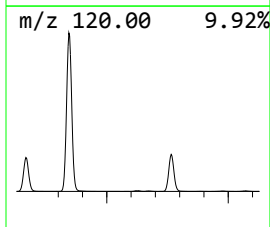
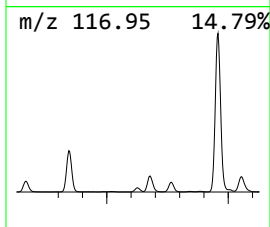
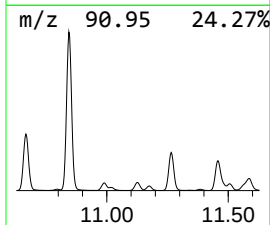
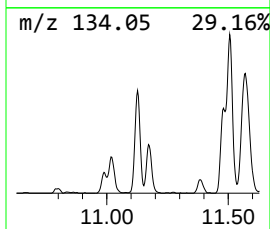
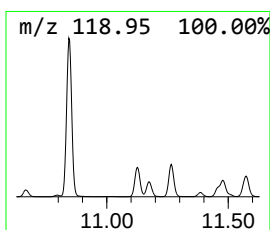
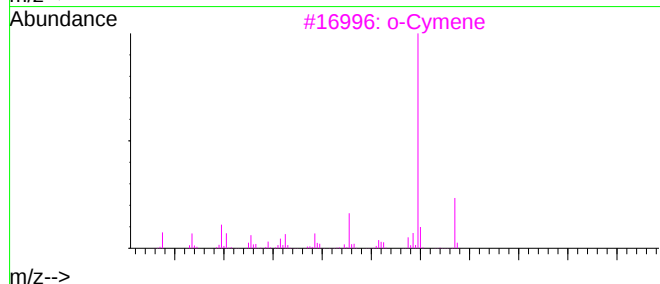
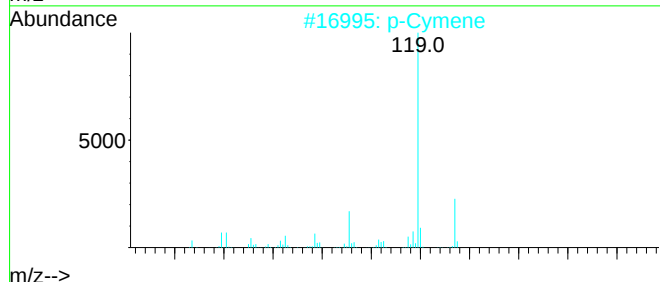
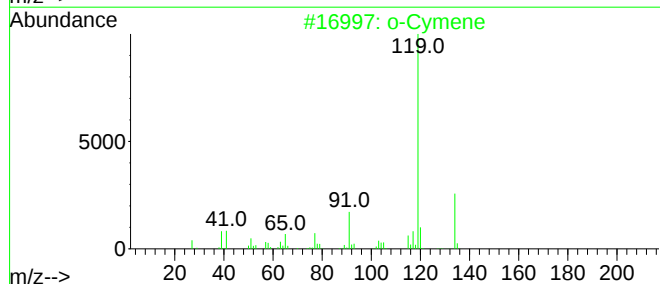
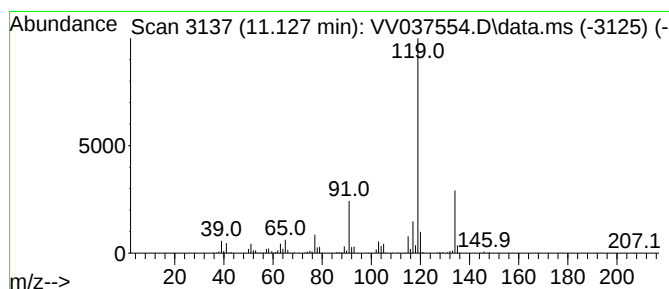
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Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.127 | 8.79 ug/L | 411187 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 97   |
| 2         | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 97   |
| 3         | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 4         | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 95   |
| 5         | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

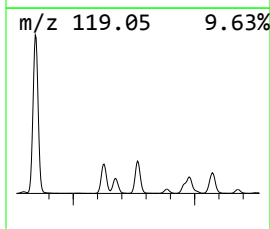
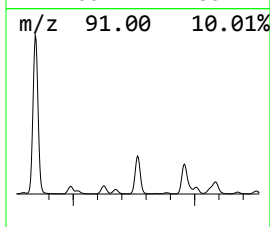
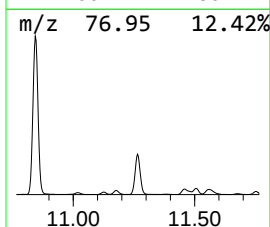
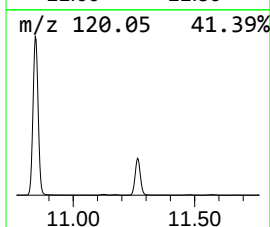
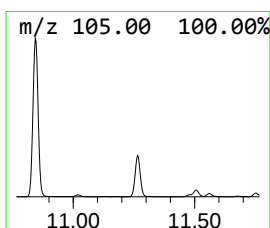
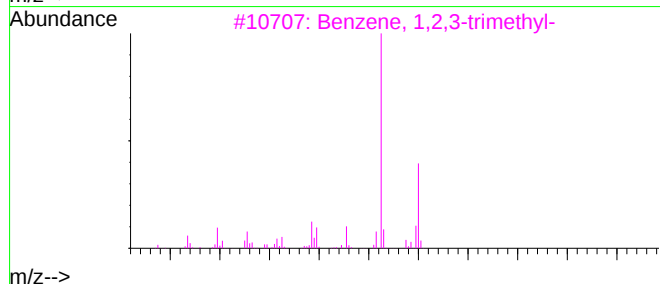
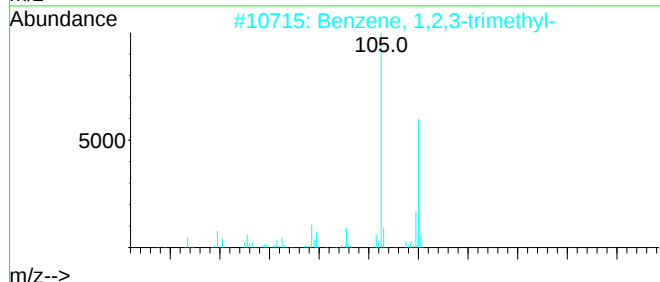
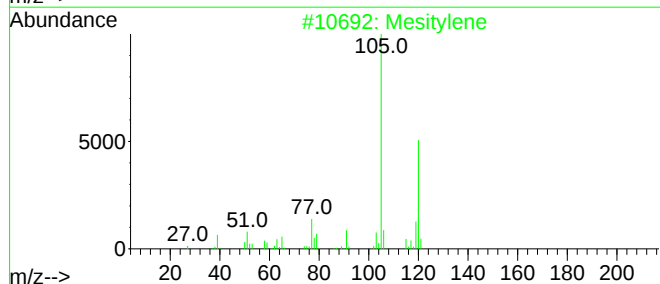
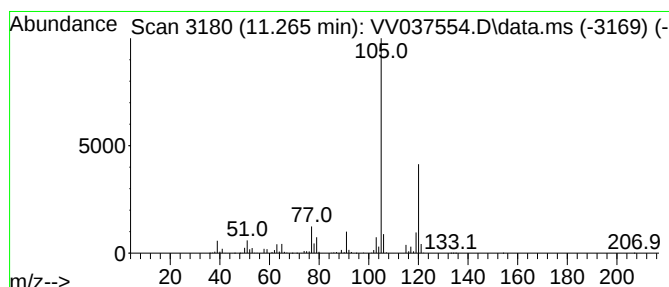
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

| R.T.    | EstConc    | Area                      | Relative to ISTD       |         |             | R.T.   |
|---------|------------|---------------------------|------------------------|---------|-------------|--------|
| 11.265  | 88.64 ug/L | 4145190                   | 1,4-Dichlorobenzene-d4 |         |             | 11.178 |
| Hit# of | 5          | Tentative ID              | MW                     | MolForm | CAS#        | Qual   |
| 1       |            | Mesitylene                | 120                    | C9H12   | 000108-67-8 | 97     |
| 2       |            | Benzene, 1,2,3-trimethyl- | 120                    | C9H12   | 000526-73-8 | 95     |
| 3       |            | Benzene, 1,2,3-trimethyl- | 120                    | C9H12   | 000526-73-8 | 94     |
| 4       |            | Mesitylene                | 120                    | C9H12   | 000108-67-8 | 93     |
| 5       |            | Benzene, 1,2,4-trimethyl- | 120                    | C9H12   | 000095-63-6 | 91     |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

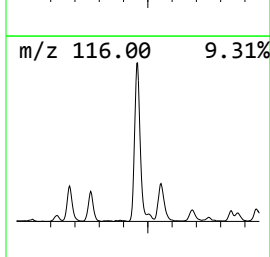
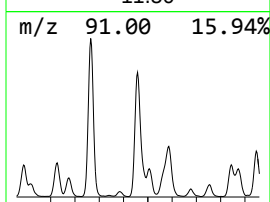
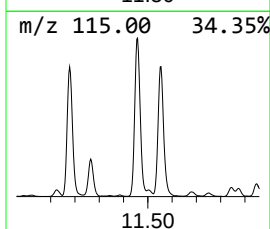
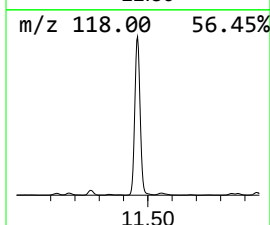
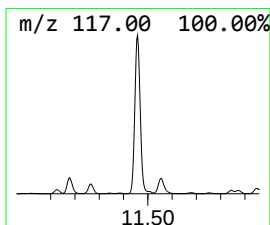
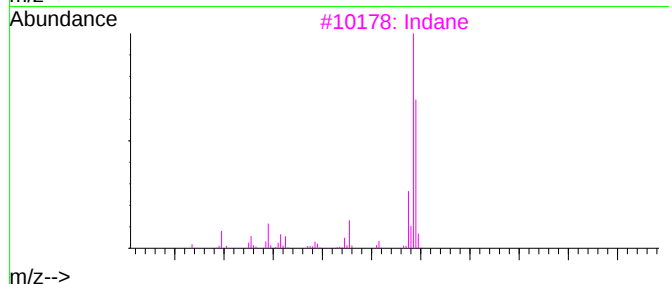
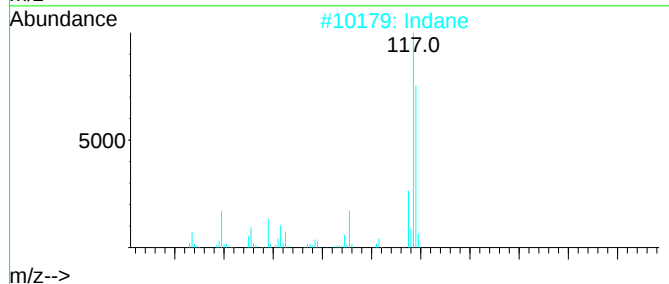
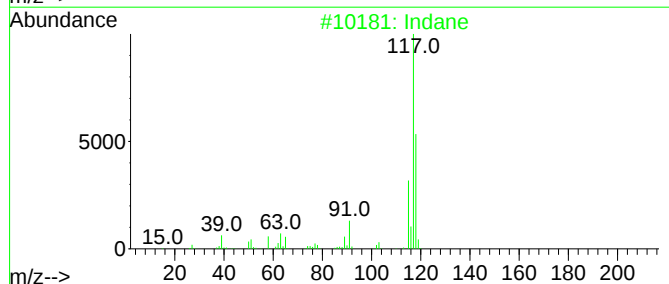
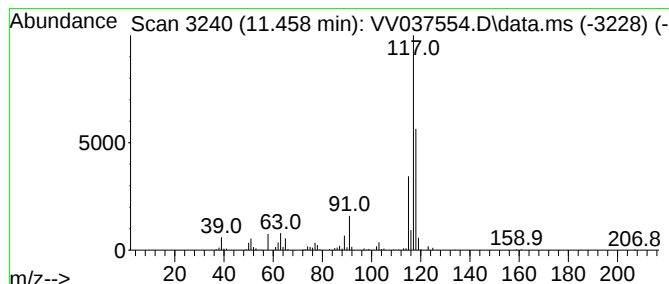
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Peak Number 8 Indane Concentration Rank 4

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 11.458 | 60.07 ug/L | 2808810 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|-----------|------------------------------|-----|---------|-------------|------|
| 1         | Indane                       | 118 | C9H10   | 000496-11-7 | 95   |
| 2         | Indane                       | 118 | C9H10   | 000496-11-7 | 91   |
| 3         | Indane                       | 118 | C9H10   | 000496-11-7 | 90   |
| 4         | Indane                       | 118 | C9H10   | 000496-11-7 | 90   |
| 5         | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10   | 000622-97-9 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

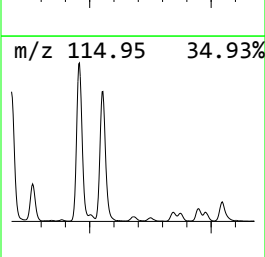
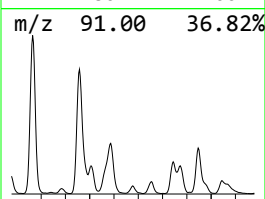
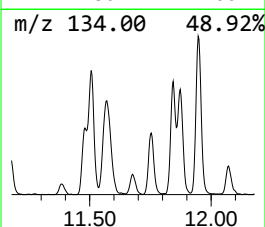
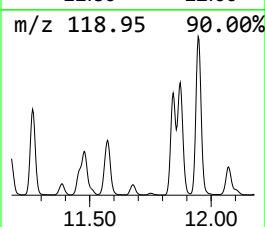
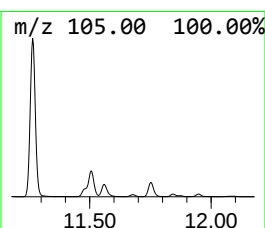
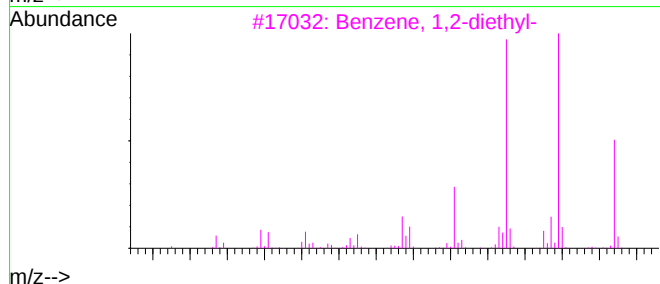
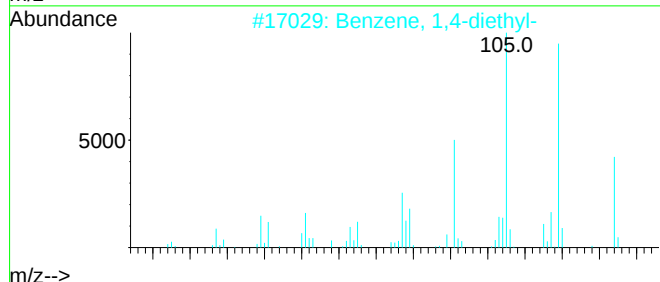
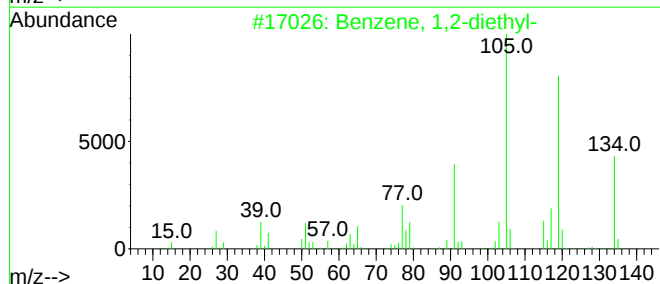
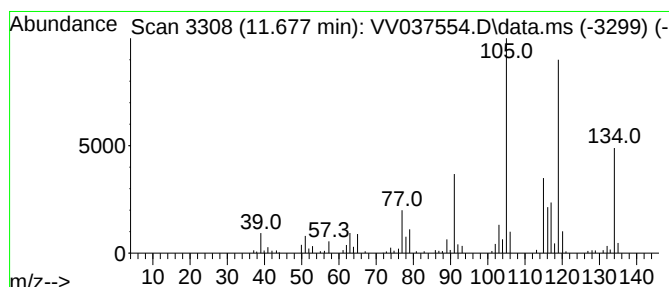
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 20

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.677 | 2.54 ug/L | 118698 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------|-----|---------|-------------|------|
| 1         | Benzene, 1,2-diethyl- | 134 | C10H14  | 000135-01-3 | 96   |
| 2         | Benzene, 1,4-diethyl- | 134 | C10H14  | 000105-05-5 | 81   |
| 3         | Benzene, 1,2-diethyl- | 134 | C10H14  | 000135-01-3 | 76   |
| 4         | Benzene, 1,3-diethyl- | 134 | C10H14  | 000141-93-5 | 76   |
| 5         | Benzene, 1,3-diethyl- | 134 | C10H14  | 000141-93-5 | 76   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

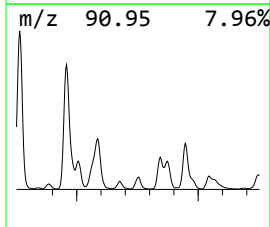
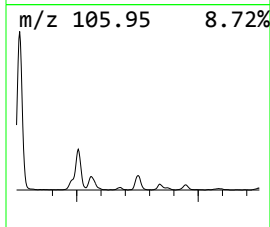
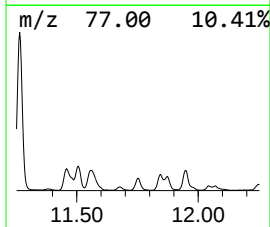
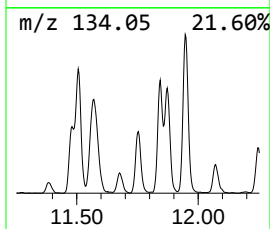
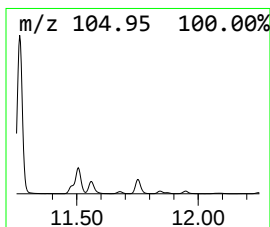
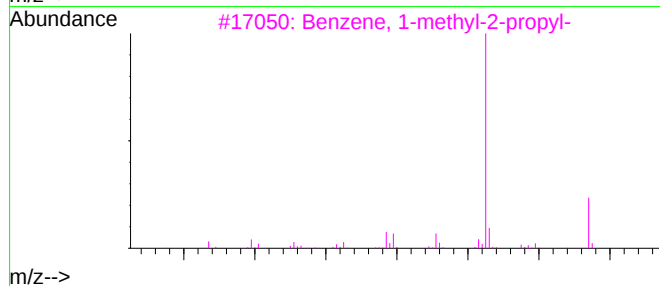
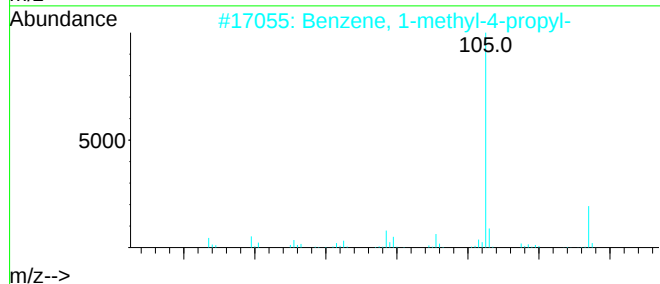
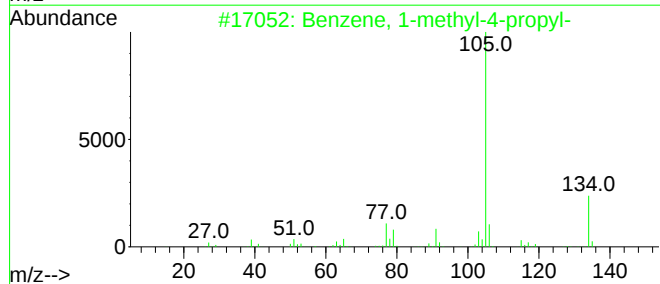
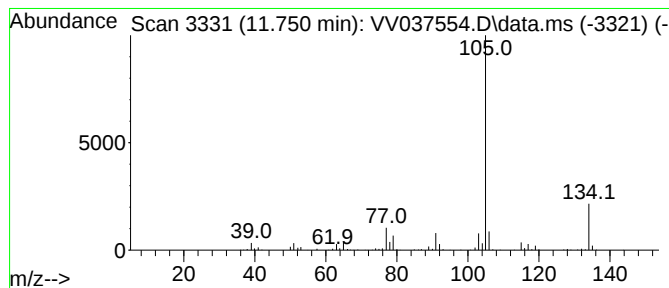
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Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 15

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.751 | 7.12 ug/L | 332754 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 94   |
| 2         | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 91   |
| 3         | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 91   |
| 4         | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 91   |
| 5         | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

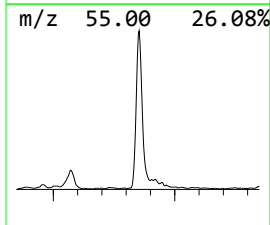
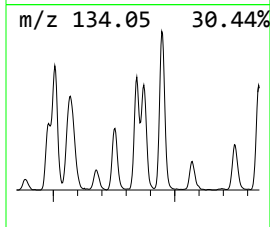
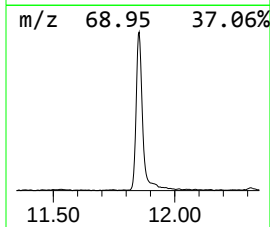
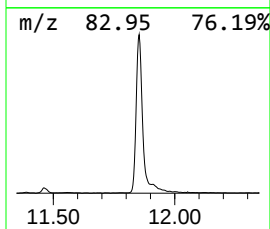
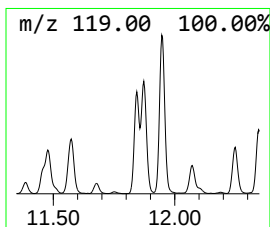
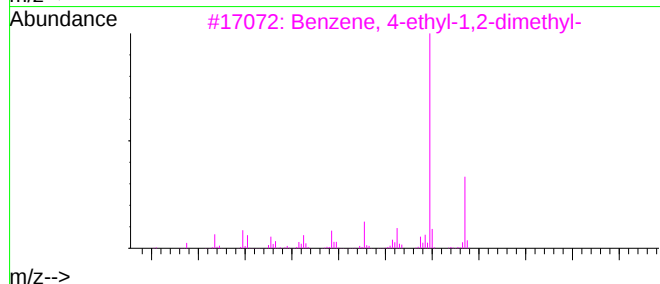
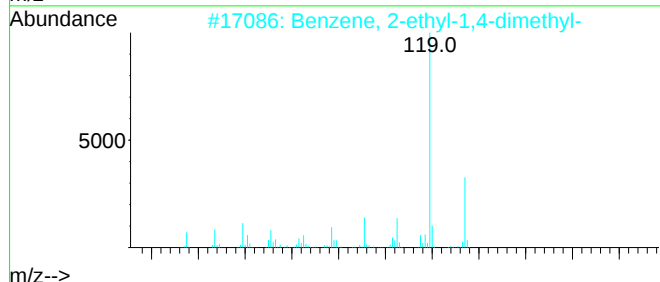
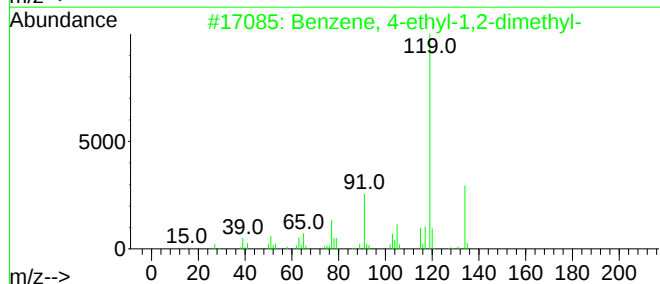
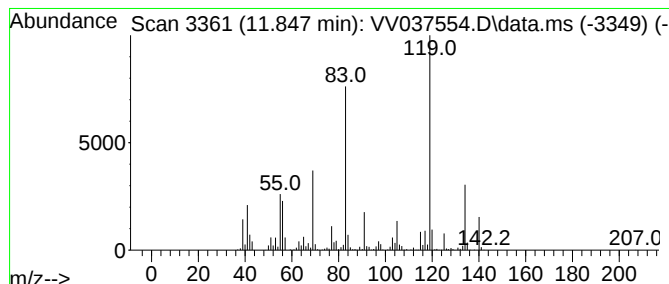
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Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 11.847 | 35.41 ug/L | 1655630 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|-----------|--------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 95   |
| 2         | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 90   |
| 3         | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 90   |
| 4         | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 90   |
| 5         | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

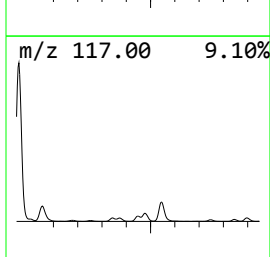
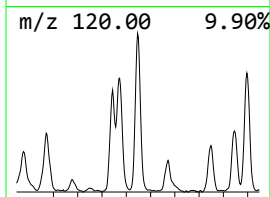
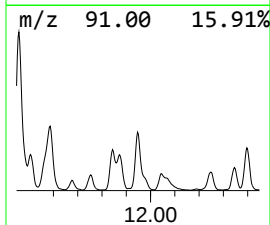
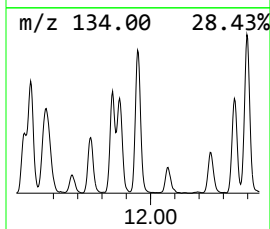
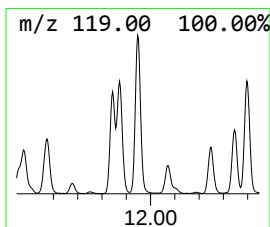
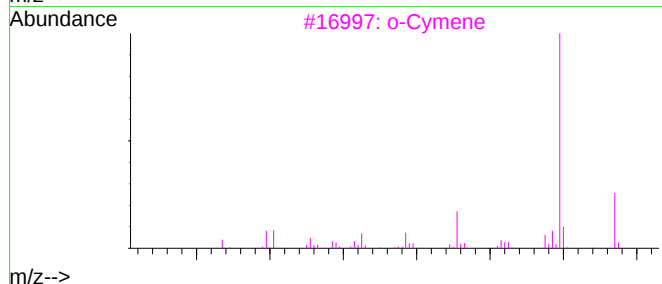
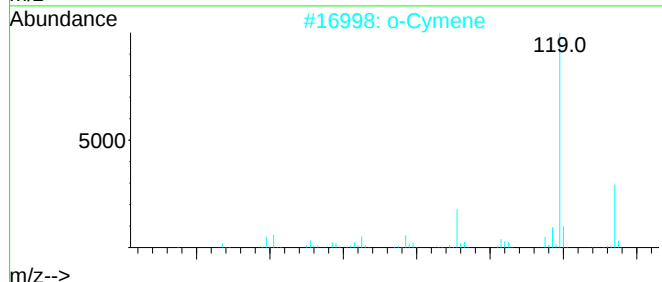
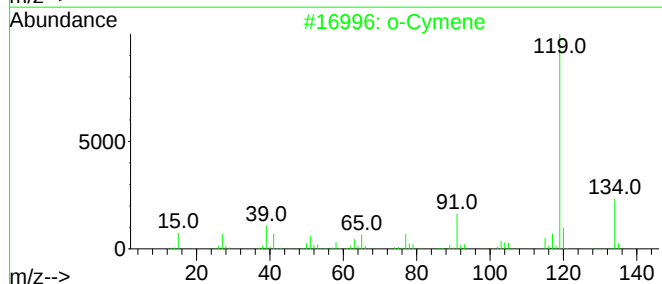
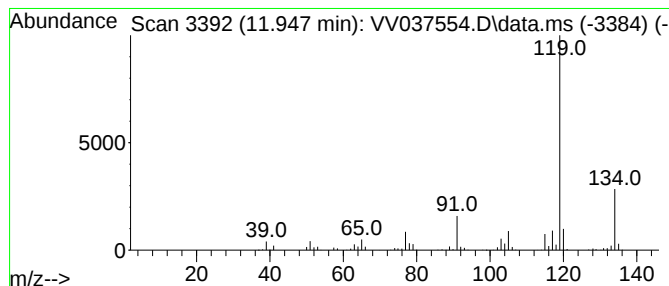
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

| R.T.      | EstConc                        | Area   | Relative to ISTD       |         | R.T.        |      |
|-----------|--------------------------------|--------|------------------------|---------|-------------|------|
| 11.947    | 20.25 ug/L                     | 947010 | 1,4-Dichlorobenzene-d4 |         | 11.178      |      |
| Hit# of 5 | Tentative ID                   |        | MW                     | MolForm | CAS#        | Qual |
| 1         | o-Cymene                       |        | 134                    | C10H14  | 000527-84-4 | 97   |
| 2         | o-Cymene                       |        | 134                    | C10H14  | 000527-84-4 | 97   |
| 3         | o-Cymene                       |        | 134                    | C10H14  | 000527-84-4 | 97   |
| 4         | Benzene, 1-ethyl-2,3-dimethyl- |        | 134                    | C10H14  | 000933-98-2 | 96   |
| 5         | Benzene, 4-ethyl-1,2-dimethyl- |        | 134                    | C10H14  | 000934-80-5 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

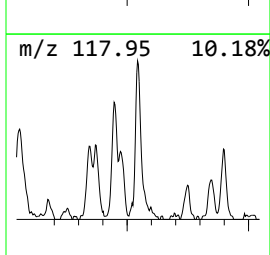
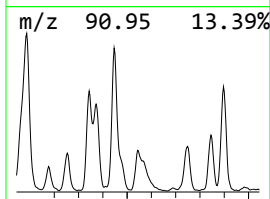
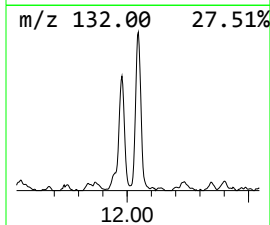
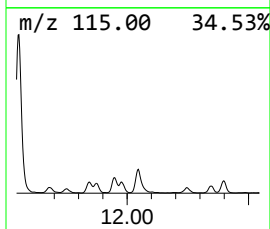
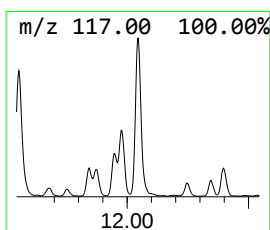
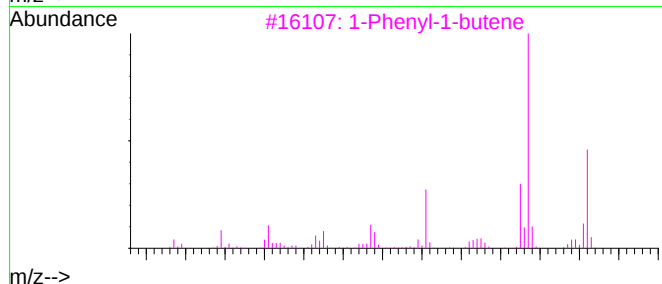
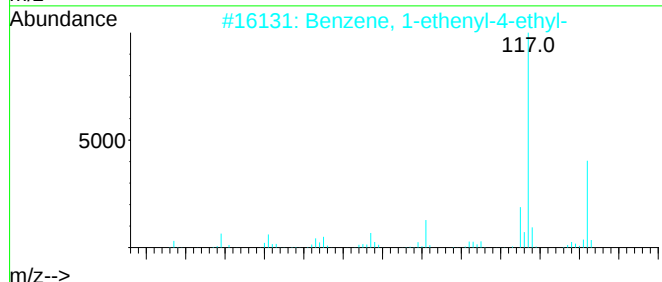
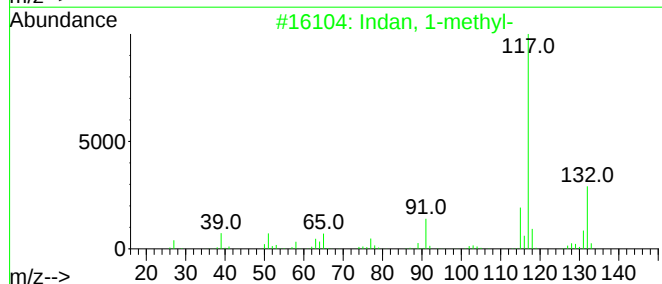
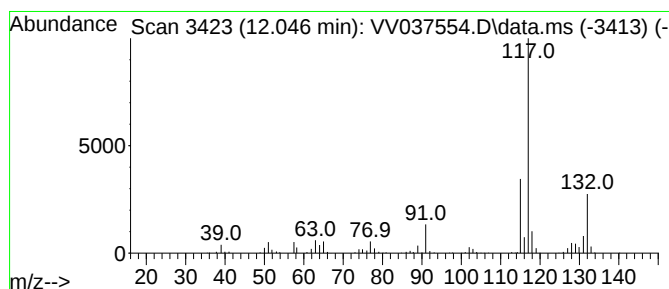
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Indan, 1-methyl- Concentration Rank 12

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.046 | 10.51 ug/L | 491417 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------------------|-----|---------|-------------|------|
| 1         | Indan, 1-methyl-                  | 132 | C10H12  | 000767-58-8 | 90   |
| 2         | Benzene, 1-ethenyl-4-ethyl-       | 132 | C10H12  | 003454-07-7 | 87   |
| 3         | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 86   |
| 4         | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9 | 80   |
| 5         | 1-Methyl-2-phenylcyclopropane     | 132 | C10H12  | 003145-76-4 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

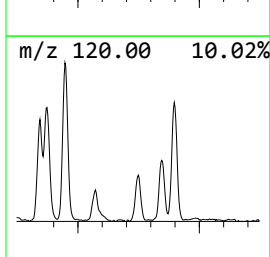
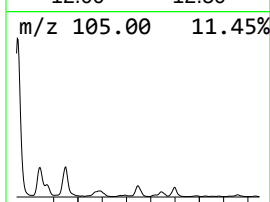
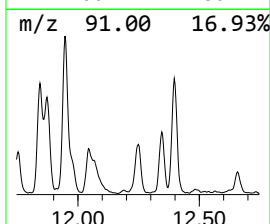
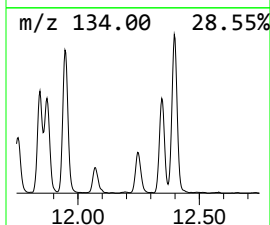
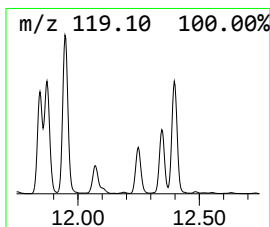
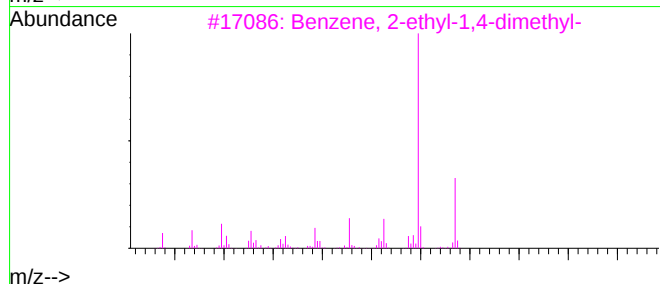
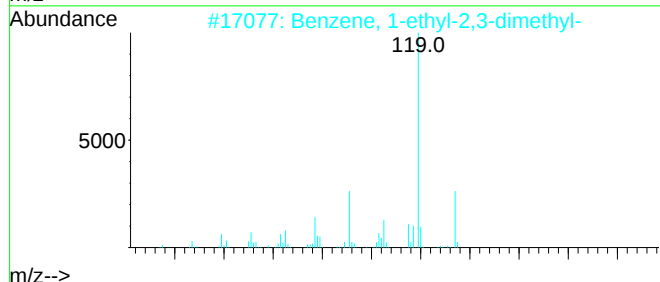
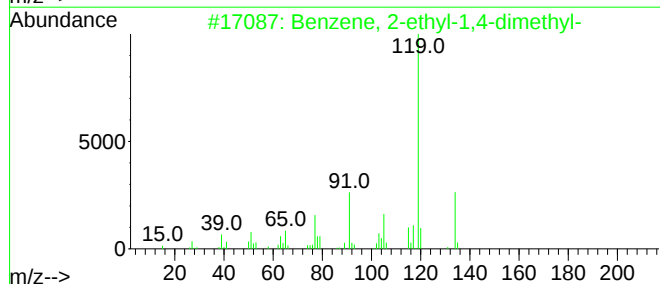
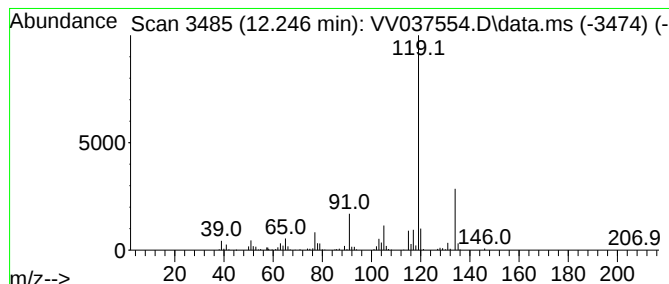
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Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.246 | 5.27 ug/L | 246438 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|-----------|--------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 2         | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 96   |
| 3         | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |
| 4         | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 5         | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

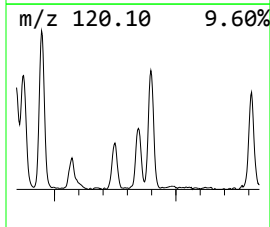
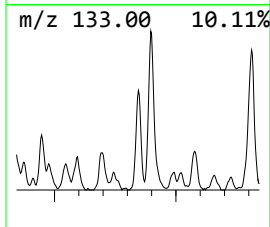
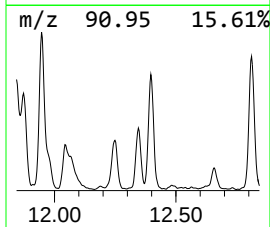
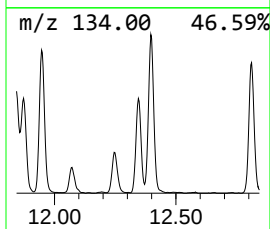
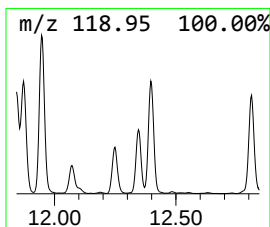
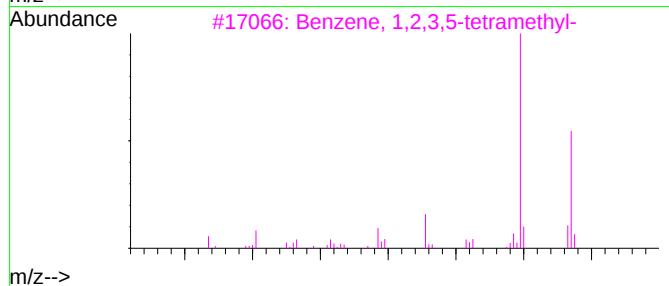
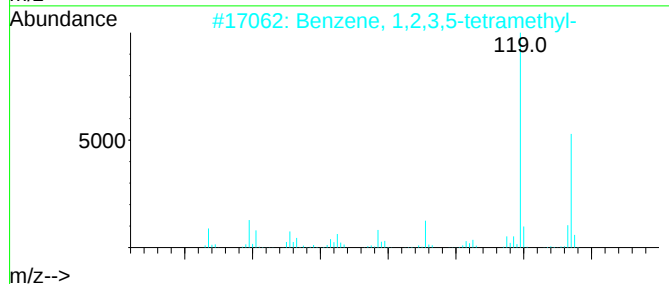
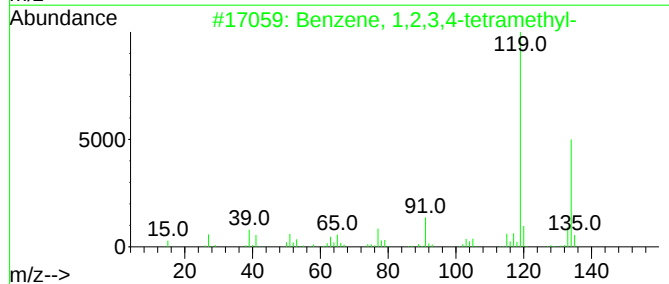
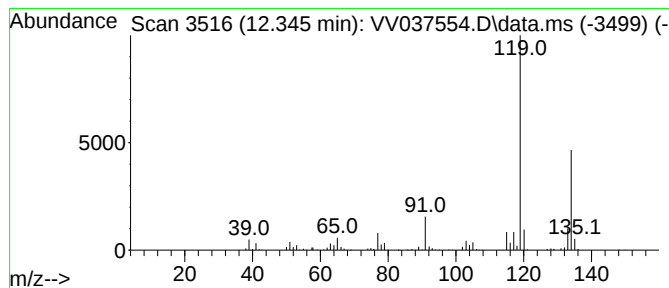
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Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.345 | 7.16 ug/L | 334656 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 97   |
| 2         | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 97   |
| 3         | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 96   |
| 4         | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 96   |
| 5         | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

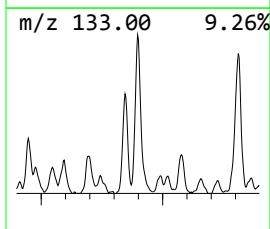
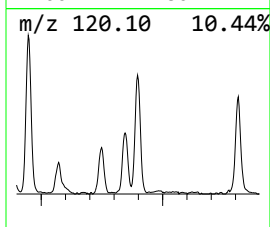
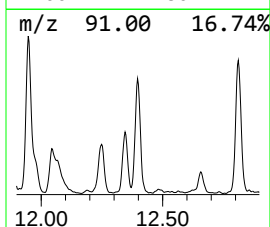
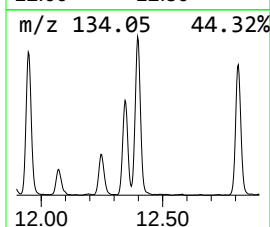
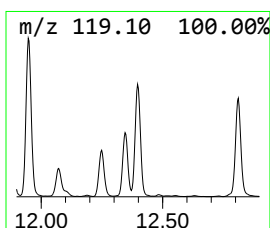
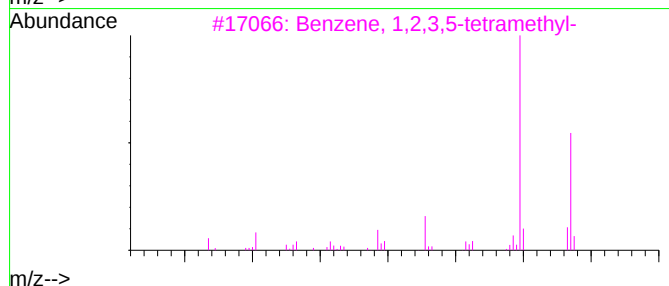
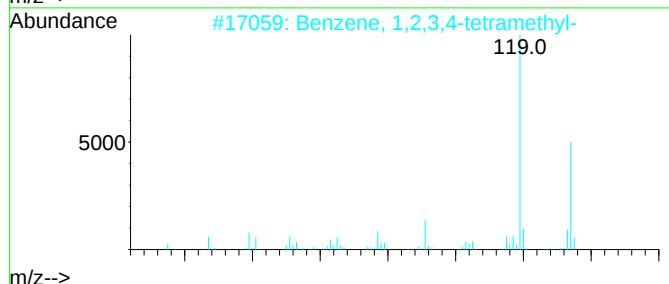
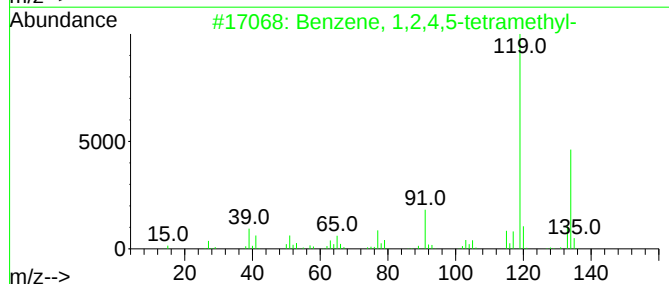
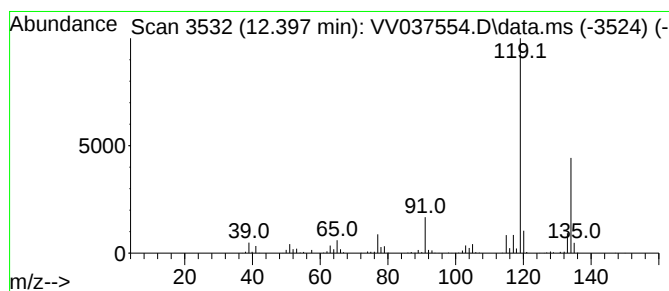
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Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.397 | 12.37 ug/L | 578338 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 97   |
| 2         | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 97   |
| 3         | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 96   |
| 4         | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 95   |
| 5         | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

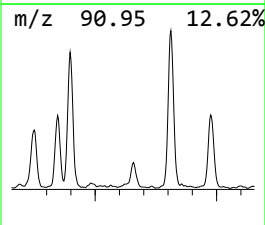
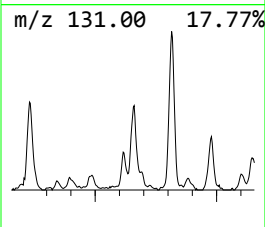
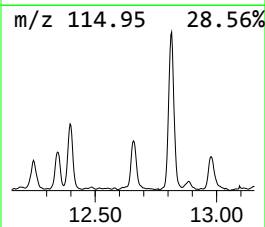
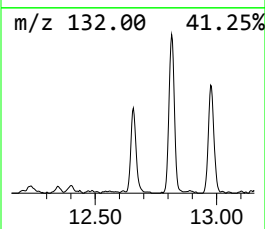
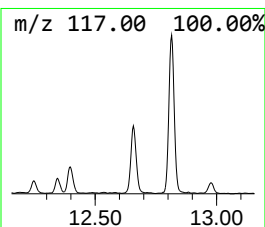
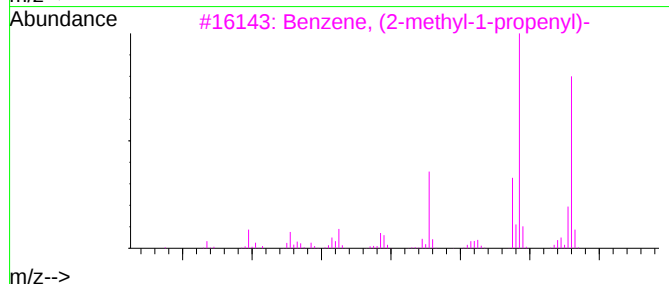
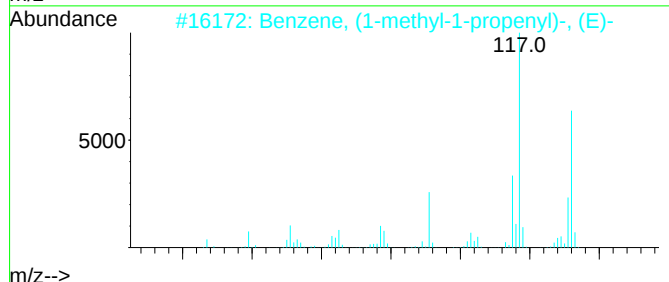
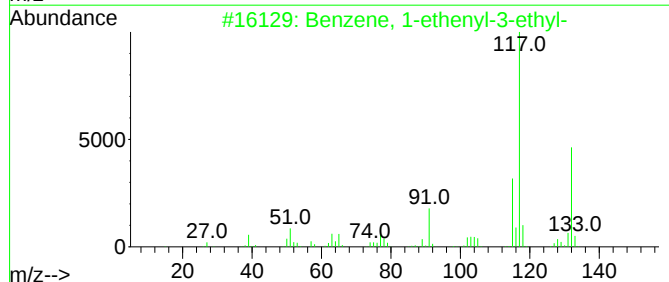
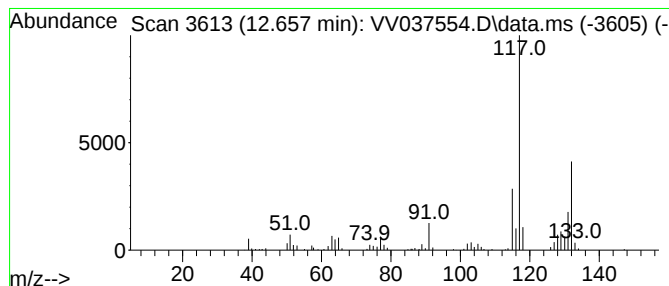
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Peak Number 17 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 19

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.657 | 3.39 ug/L | 158680 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1-ethenyl-3-ethyl-         | 132 | C10H12  | 007525-62-4 | 93   |
| 2         | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 90   |
| 3         | Benzene, (2-methyl-1-propenyl)-     | 132 | C10H12  | 000768-49-0 | 90   |
| 4         | 1H-Indene, 2,3-dihydro-4-methyl-    | 132 | C10H12  | 000824-22-6 | 87   |
| 5         | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

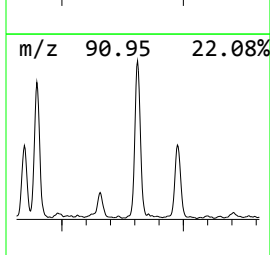
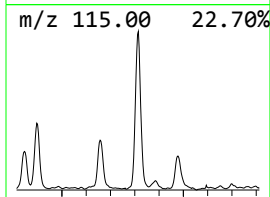
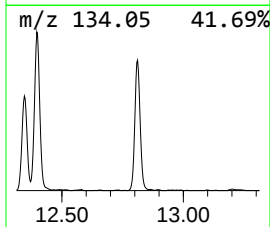
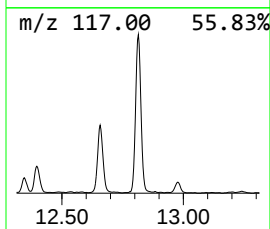
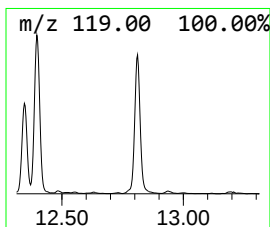
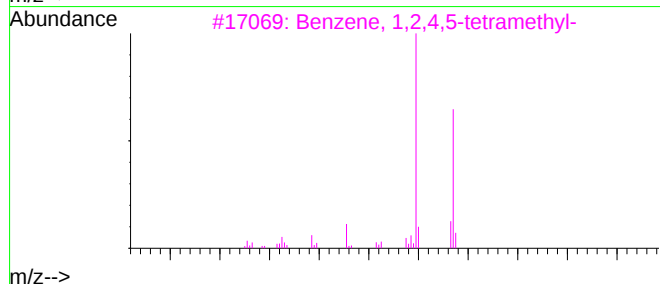
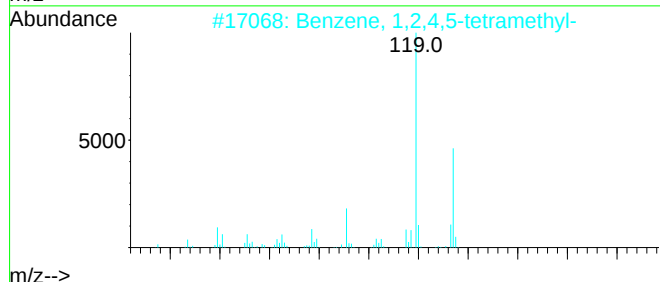
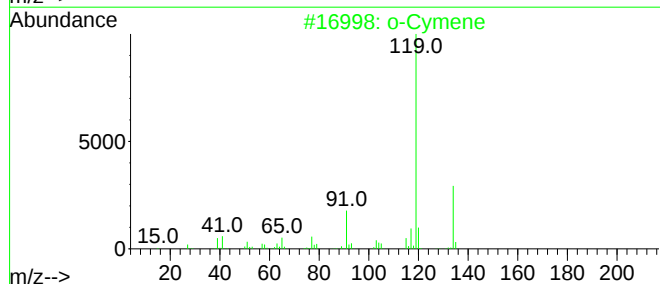
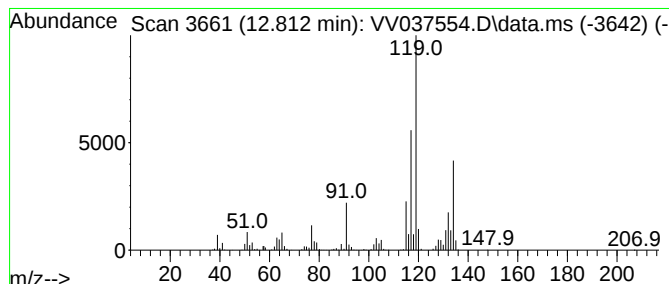
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Peak Number 18 o-Cymene Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.812 | 17.33 ug/L | 810304 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 64   |
| 2    |    |   | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 64   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 64   |
| 4    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 64   |
| 5    |    |   | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

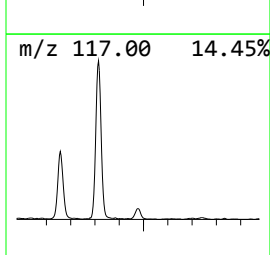
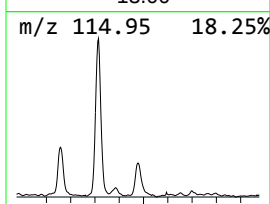
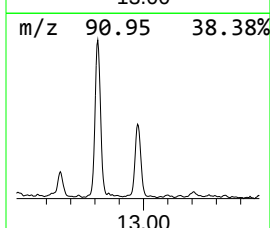
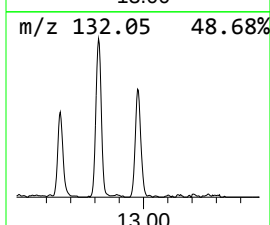
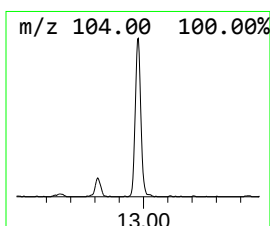
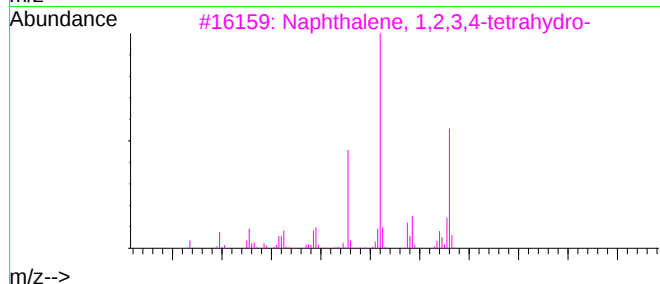
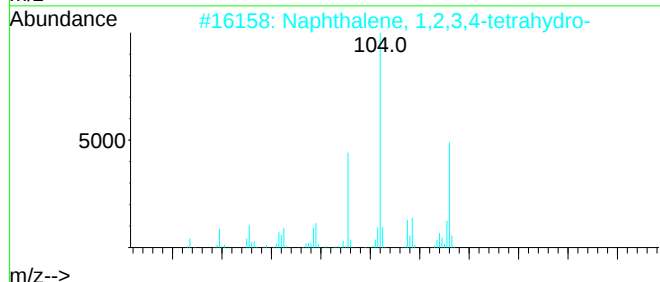
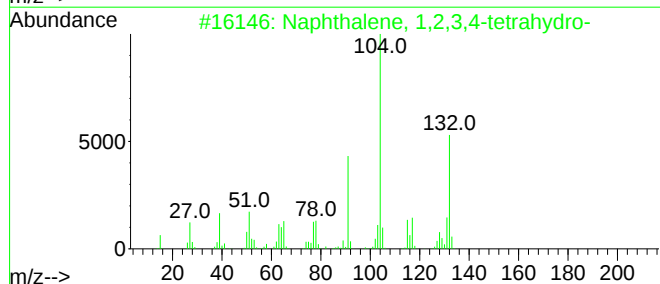
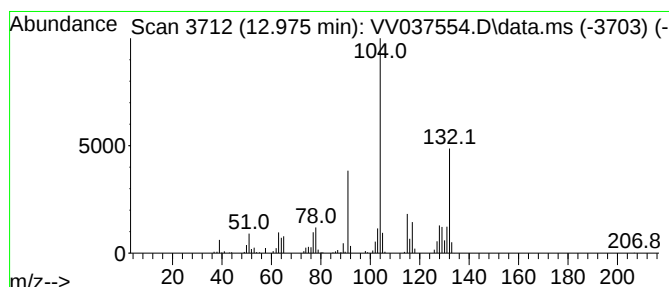
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 17

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.976 | 4.39 ug/L | 205334 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|-----------|----------------------------------|-----|---------|-------------|------|
| 1         | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12  | 000119-64-2 | 95   |
| 2         | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12  | 000119-64-2 | 95   |
| 3         | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12  | 000119-64-2 | 95   |
| 4         | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12  | 000119-64-2 | 95   |
| 5         | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12  | 000119-64-2 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

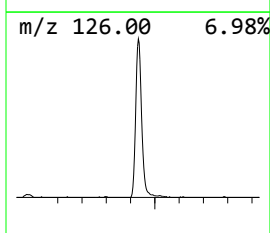
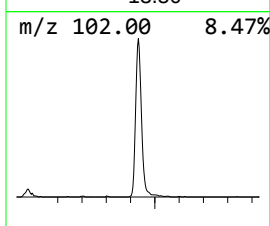
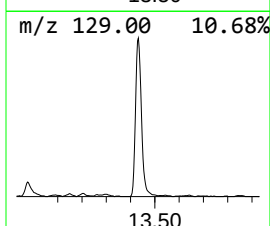
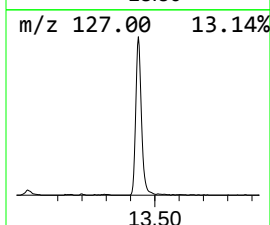
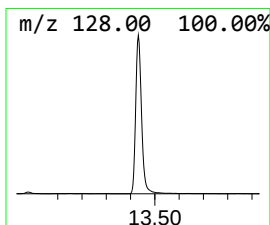
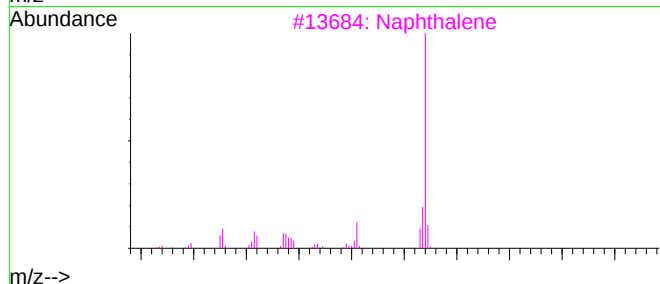
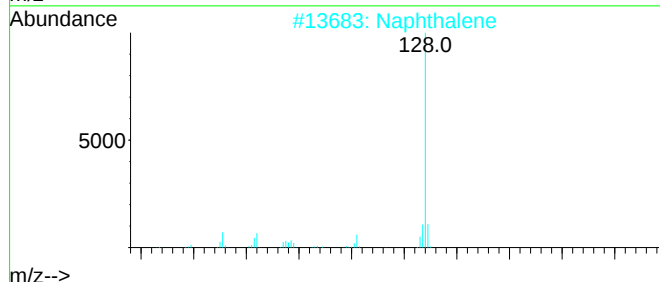
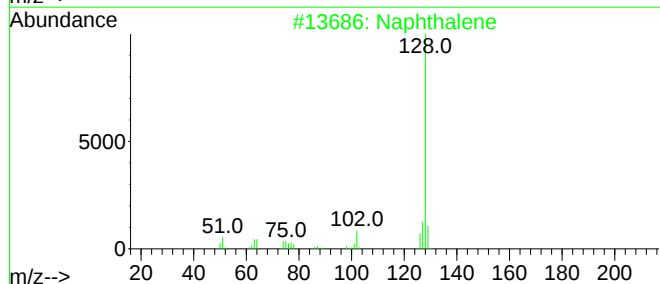
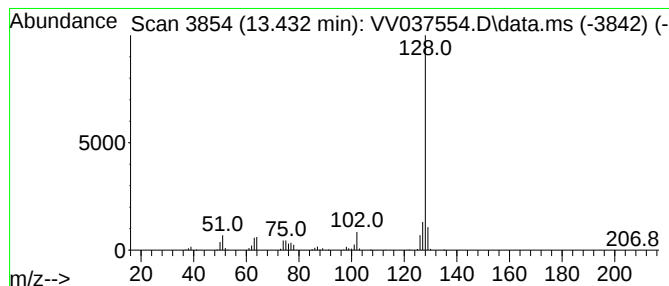
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 20 Azulene Concentration Rank 7

| R.T.      | EstConc      | Area    | Relative to ISTD       | R.T.        |      |
|-----------|--------------|---------|------------------------|-------------|------|
| 13.432    | 28.32 ug/L   | 1324450 | 1,4-Dichlorobenzene-d4 | 11.178      |      |
| Hit# of 5 | Tentative ID | MW      | MolForm                | CAS#        | Qual |
| 1         | Naphthalene  | 128     | C10H8                  | 000091-20-3 | 95   |
| 2         | Naphthalene  | 128     | C10H8                  | 000091-20-3 | 94   |
| 3         | Naphthalene  | 128     | C10H8                  | 000091-20-3 | 91   |
| 4         | Azulene      | 128     | C10H8                  | 000275-51-4 | 91   |
| 5         | Azulene      | 128     | C10H8                  | 000275-51-4 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092624\  
Data File : VV037554.D  
Acq On : 26 Sep 2024 17:33  
Operator : SY/MD  
Sample : P4184-03  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzene, propyl-   | 10.284 | 39.7    | ug/L  | 1855670  | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 1-ethy... | 10.378 | 130.1   | ug/L  | 6082980  | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 1-ethy... | 10.667 | 105.7   | ug/L  | 4940940  | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, (1-met... | 11.021 | 4.0     | ug/L  | 185246   | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 1-meth... | 11.127 | 8.8     | ug/L  | 411187   | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 1,2,3-... | 11.265 | 88.6    | ug/L  | 4145190  | 3                     | 11.178 | 2338120 | 50.0 |
| Indane             | 11.458 | 60.1    | ug/L  | 2808810  | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 1,2-di... | 11.677 | 2.5     | ug/L  | 118698   | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 1-meth... | 11.751 | 7.1     | ug/L  | 332754   | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 4-ethy... | 11.847 | 35.4    | ug/L  | 1655630  | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 1-ethy... | 11.947 | 20.3    | ug/L  | 947010   | 3                     | 11.178 | 2338120 | 50.0 |
| Indan, 1-methyl-   | 12.046 | 10.5    | ug/L  | 491417   | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 2-ethy... | 12.246 | 5.3     | ug/L  | 246438   | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 1,2,3,... | 12.345 | 7.2     | ug/L  | 334656   | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 1,2,4,... | 12.397 | 12.4    | ug/L  | 578338   | 3                     | 11.178 | 2338120 | 50.0 |
| Benzene, 1-ethe... | 12.657 | 3.4     | ug/L  | 158680   | 3                     | 11.178 | 2338120 | 50.0 |
| o-Cymene           | 12.812 | 17.3    | ug/L  | 810304   | 3                     | 11.178 | 2338120 | 50.0 |
| Naphthalene, 1,... | 12.976 | 4.4     | ug/L  | 205334   | 3                     | 11.178 | 2338120 | 50.0 |
| Azulene            | 13.432 | 28.3    | ug/L  | 1324450  | 3                     | 11.178 | 2338120 | 50.0 |