

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080525\  
 Data File : VN087465.D  
 Acq On : 05 Aug 2025 18:56  
 Operator : JC\MD  
 Sample : Q2771-03MSD  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 001-WILLETS-PT-BLVD(JUNE)MSD

Quant Time: Aug 06 02:45:50 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N080525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Aug 06 02:01:21 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 7.794  | 128   | 63371    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.082  | 114   | 362030   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 11.847 | 117   | 321655   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.559  | 65    | 185003   | 31.651   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 105.500% |          |
| 60) 4-Bromofluorobenzene     | 12.829 | 95    | 164537   | 29.724   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 99.067%  |          |
| 63) Toluene-d8               | 10.547 | 98    | 448635   | 30.313   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 101.033% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 93645    | 22.633   | ug/l       | 95       |
| 3) Chloromethane             | 2.383  | 50    | 94056    | 22.157   | ug/l       | 98       |
| 4) Vinyl Chloride            | 2.536  | 62    | 99195    | 22.032   | ug/l       | 95       |
| 5) Bromomethane              | 2.983  | 94    | 49116    | 20.154   | ug/l       | 86       |
| 6) Chloroethane              | 3.142  | 64    | 62863    | 21.652   | ug/l       | 95       |
| 7) Trichlorofluoromethane    | 3.512  | 101   | 144212   | 22.256   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.959  | 74    | 57040    | 21.130   | ug/l       | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365  | 101   | 75321    | 22.795   | ug/l       | 86       |
| 10) 1,1-Dichloroethene       | 4.336  | 96    | 75689    | 21.807   | ug/l       | 97       |
| 11) Methyl Iodide            | 4.583  | 142   | 51662    | 18.904   | ug/l       | 92       |
| 12) Methyl Acetate           | 5.018  | 43    | 132767   | 20.729   | ug/l       | 93       |
| 13) Acrolein                 | 4.183  | 56    | 95012    | 97.125   | ug/l       | 97       |
| 14) Acrylonitrile            | 5.712  | 53    | 292494   | 104.582  | ug/l       | 100      |
| 15) Acetone                  | 4.424  | 58    | 84788    | 106.103  | ug/l       | 89       |
| 16) Carbon Disulfide         | 4.706  | 76    | 227080   | 21.092   | ug/l       | 98       |
| 17) Allyl chloride           | 5.018  | 41    | 149063   | 21.071   | ug/l       | 88       |
| 18) Methylene Chloride       | 5.265  | 84    | 94609    | 21.174   | ug/l       | 93       |
| 19) trans-1,2-Dichloroethene | 5.771  | 96    | 85295    | 20.666   | ug/l       | 95       |
| 20) Diisopropyl ether        | 6.659  | 45    | 335083   | 20.792   | ug/l       | 98       |
| 21) 1,1-Dichloroethane       | 6.553  | 63    | 174555   | 20.954   | ug/l       | 98       |
| 22) cis-1,2-Dichloroethene   | 7.477  | 96    | 104639   | 20.605   | ug/l       | 97       |
| 23) tert-Butyl Alcohol       | 5.524  | 59    | 121535   | 102.265  | ug/l #     | 100      |
| 24) Methyl tert-Butyl Ether  | 5.788  | 73    | 339285   | 21.453   | ug/l       | 99       |
| 25) Chloroform               | 7.953  | 83    | 318668   | 36.648   | ug/l       | 99       |
| 26) Cyclohexane              | 8.235  | 56    | 150258   | 22.528   | ug/l #     | 100      |
| 29) 1,1-Dichloropropene      | 8.353  | 75    | 124594   | 21.101   | ug/l       | 96       |
| 30) 2-Butanone               | 7.471  | 43    | 452029   | 103.856  | ug/l #     | 96       |
| 31) 2,2-Dichloropropane      | 7.471  | 77    | 150697   | 19.788   | ug/l       | 98       |
| 32) 1,1,1-Trichloroethane    | 8.153  | 97    | 159868   | 21.228   | ug/l       | 95       |
| 33) Carbon Tetrachloride     | 8.347  | 117   | 132303   | 21.147   | ug/l       | 95       |
| 34) Benzene                  | 8.588  | 78    | 379279   | 20.348   | ug/l       | 98       |
| 35) Methacrylonitrile        | 7.765  | 41    | 98835    | 21.043   | ug/l       | 94       |
| 36) 1,2-Dichloroethane       | 8.653  | 62    | 158507   | 21.040   | ug/l       | 99       |
| 37) Trichloroethene          | 9.329  | 130   | 83242    | 20.274   | ug/l       | 95       |
| 38) Methylcyclohexane        | 9.582  | 83    | 144189   | 21.049   | ug/l       | 98       |
| 39) 1,2-Dichloropropane      | 9.600  | 63    | 100476   | 21.024   | ug/l       | 94       |
| 40) Dibromomethane           | 9.694  | 93    | 74131    | 20.674   | ug/l       | 98       |
| 41) Bromodichloromethane     | 9.871  | 83    | 161315   | 21.651   | ug/l       | 97       |
| 42) Vinyl Acetate            | 6.588  | 43    | 1562358  | 109.001  | ug/l       | 98       |

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 Operator : JC\MD  
 Sample : Q2771-03MSD  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 001-WILLETS-PT-BLVD(JUNE)MSD

Quant Time: Aug 06 02:45:50 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N080525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Aug 06 02:01:21 2025  
 Response via : Initial Calibration

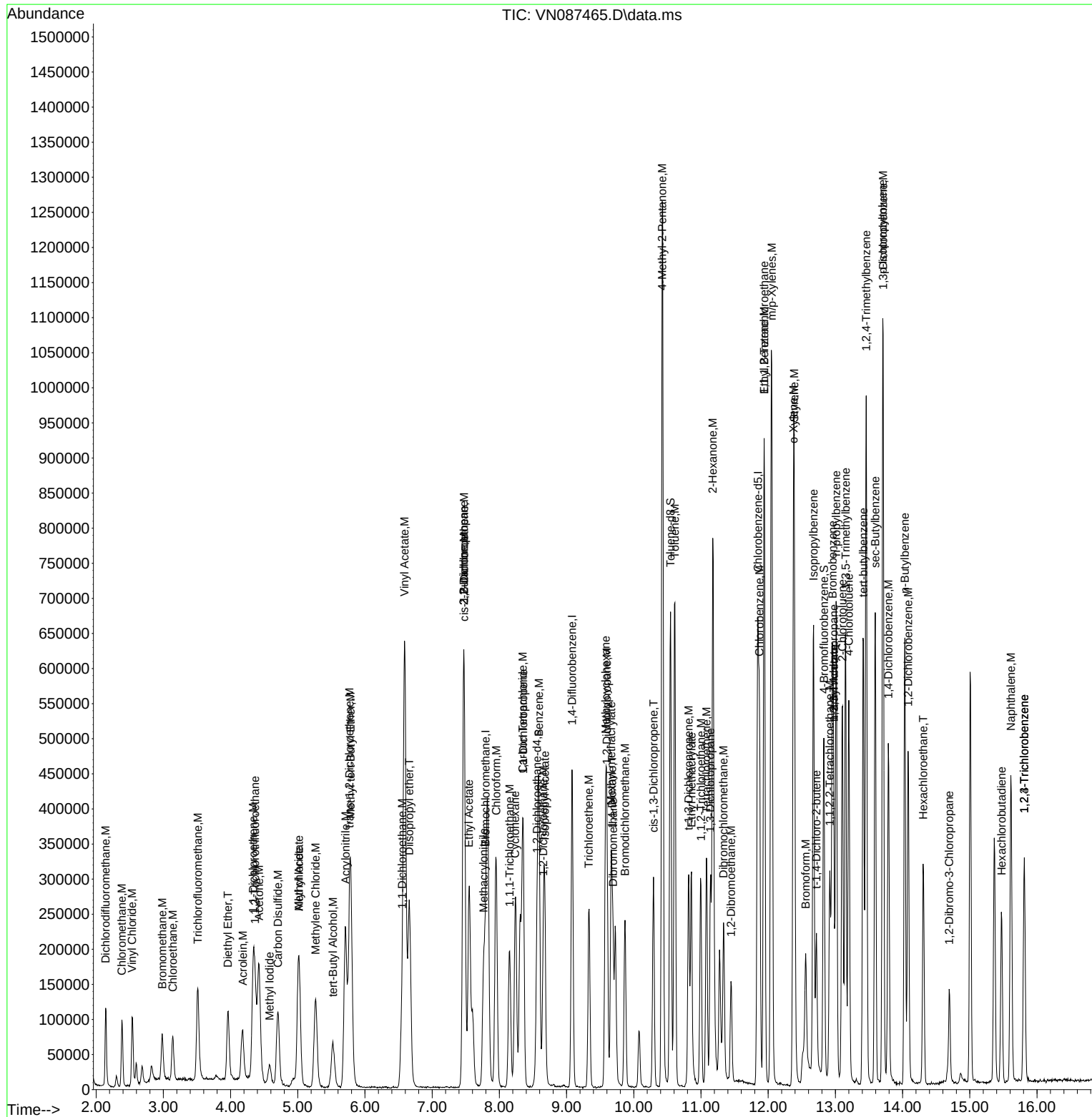
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.547  | 43   | 156705   | 18.637  | ug/l   | 99       |
| 44) Isopropyl Acetate         | 8.677  | 43   | 286640   | 20.110  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 9.676  | 88   | 37991    | 418.108 | ug/l # | 87       |
| 46) Methyl methacrylate       | 9.665  | 41   | 127427   | 18.940  | ug/l   | 92       |
| 47) n-amyl Acetate            | 12.976 | 43   | 2143     | 0.272   | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 10.818 | 75   | 162195   | 20.009  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 10.294 | 75   | 160379   | 19.660  | ug/l   | 96       |
| 50) 1,1,2-Trichloroethane     | 11.000 | 97   | 93732    | 20.690  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 10.859 | 69   | 163762   | 20.525  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 11.141 | 76   | 163568   | 20.041  | ug/l   | 96       |
| 53) Dibromochloromethane      | 11.335 | 129  | 107106   | 20.472  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.447 | 107  | 96878    | 20.144  | ug/l   | 99       |
| 56) Bromoform                 | 12.559 | 173  | 68070    | 19.670  | ug/l # | 99       |
| 58) 4-Methyl-2-Pentanone      | 10.423 | 43   | 892848   | 107.904 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.176 | 43   | 596944   | 106.178 | ug/l   | 100      |
| 61) Tetrachloroethene         | 11.082 | 164  | 65268    | 20.828  | ug/l   | 96       |
| 62) Toluene                   | 10.612 | 91   | 515298   | 25.956  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.870 | 112  | 250942   | 20.571  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 89553    | 20.880  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.941 | 91   | 455815   | 20.600  | ug/l   | 100      |
| 67) m/p-Xylenes               | 12.053 | 106  | 332592   | 40.949  | ug/l   | 97       |
| 68) o-Xylene                  | 12.376 | 106  | 161451   | 20.205  | ug/l   | 99       |
| 69) Styrene                   | 12.388 | 104  | 273254   | 20.028  | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.676 | 105  | 426125   | 20.991  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 148411   | 21.337  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.976 | 75   | 196700   | 30.356  | ug/l   | 52       |
| 73) Bromobenzene              | 12.959 | 156  | 95153    | 20.219  | ug/l   | 99       |
| 74) n-propylbenzene           | 13.012 | 91   | 523707   | 20.656  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.106 | 91   | 316527   | 20.296  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 351735   | 20.236  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.717 | 75   | 42832    | 17.462  | ug/l   | 95       |
| 78) 4-Chlorotoluene           | 13.200 | 91   | 330308   | 20.900  | ug/l   | 97       |
| 79) tert-butylbenzene         | 13.417 | 119  | 303771   | 20.728  | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 357826   | 20.602  | ug/l   | 99       |
| 81) sec-Butylbenzene          | 13.594 | 105  | 449832   | 21.085  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.706 | 119  | 365437   | 20.630  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.711 | 146  | 183928   | 20.524  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.788 | 146  | 184810   | 20.341  | ug/l   | 97       |
| 85) n-Butylbenzene            | 14.035 | 91   | 363506   | 20.974  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.306 | 117  | 69483    | 20.086  | ug/l   | 100      |
| 87) 1,2-Dichlorobenzene       | 14.082 | 146  | 178997   | 20.925  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.694 | 75   | 36710    | 20.833  | ug/l   | 99       |
| 89) 1,2,4-Trichlorobenzene    | 15.811 | 180  | 102214   | 19.994  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.476 | 225  | 39501    | 19.871  | ug/l   | 96       |
| 91) Naphthalene               | 15.611 | 128  | 393425   | 20.183  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 102214   | 19.994  | ug/l   | 98       |

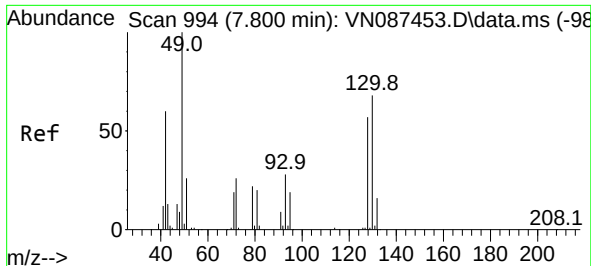
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q2771-03MSD  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

Quant Time: Aug 06 02:45:50 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N080525W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Aug 06 02:01:21 2025  
Response via : Initial Calibration

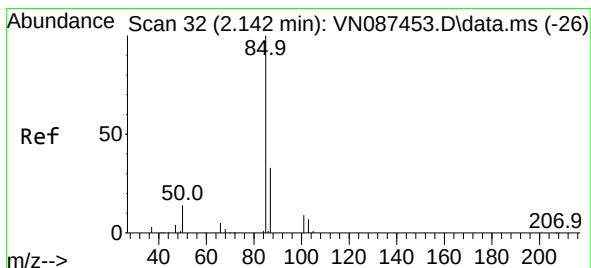
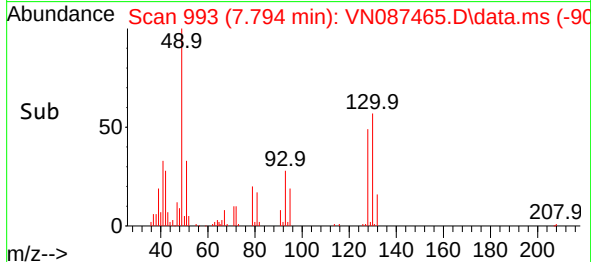
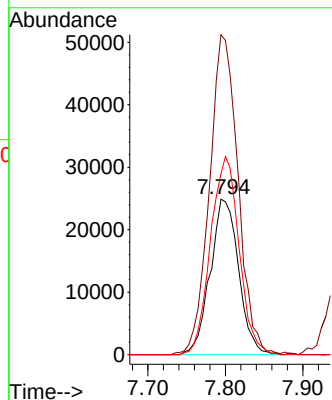
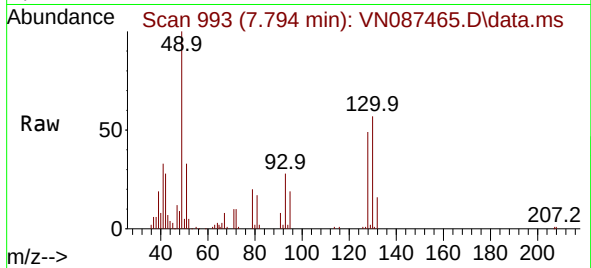




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.794 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

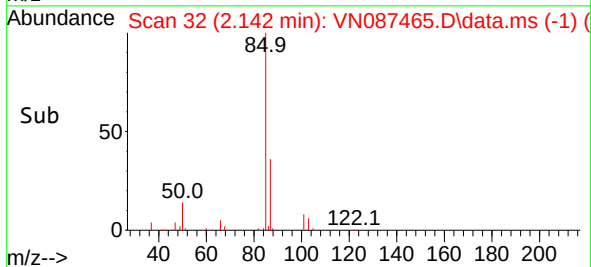
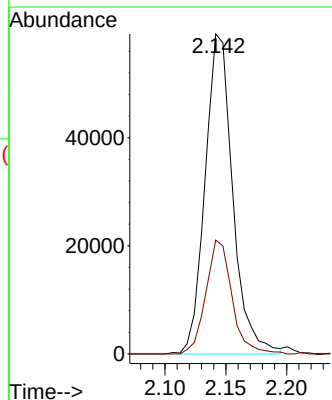
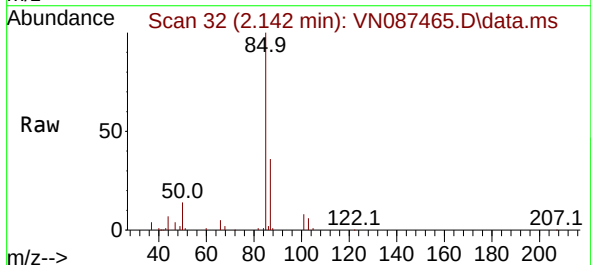
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

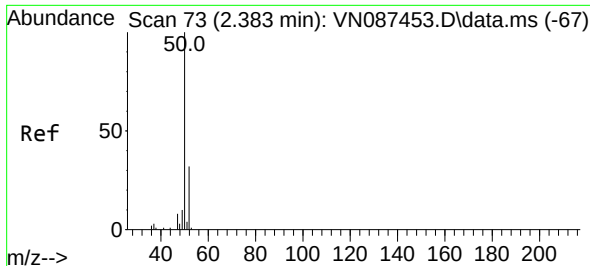
Tgt Ion:128 Resp: 63371  
Ion Ratio Lower Upper  
128 100  
49 207.2 0.0 494.8  
130 128.0 0.0 321.5



#2  
Dichlorodifluoromethane  
Concen: 22.633 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 85 Resp: 93645  
Ion Ratio Lower Upper  
85 100  
87 35.7 16.4 49.2

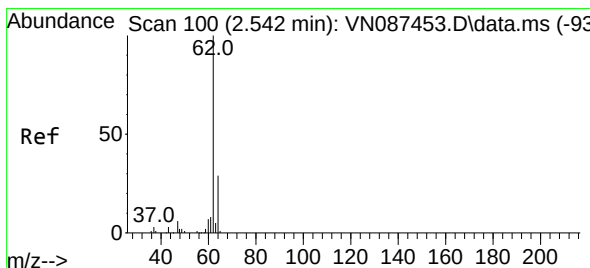
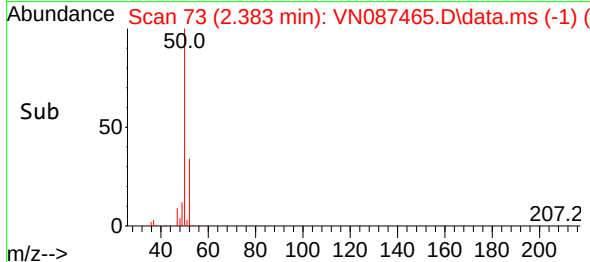
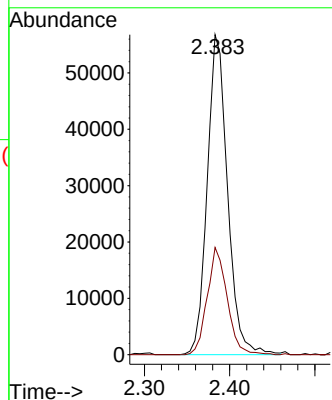
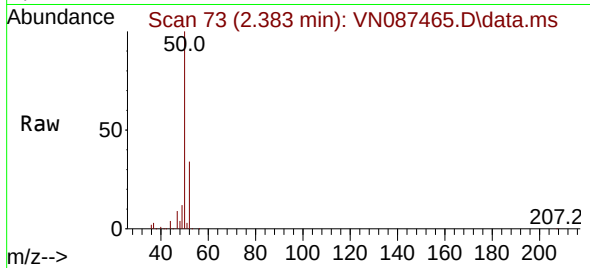




#3  
Chloromethane  
Concen: 22.157 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

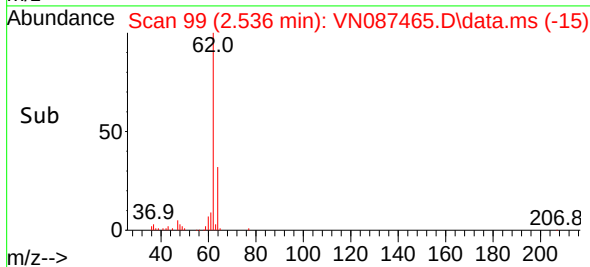
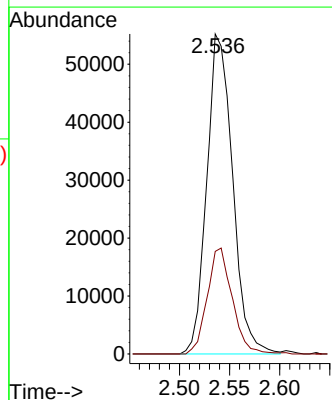
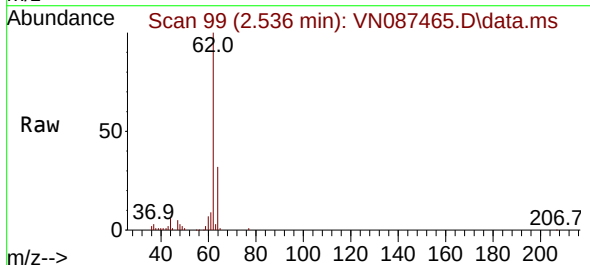
Instrument :  
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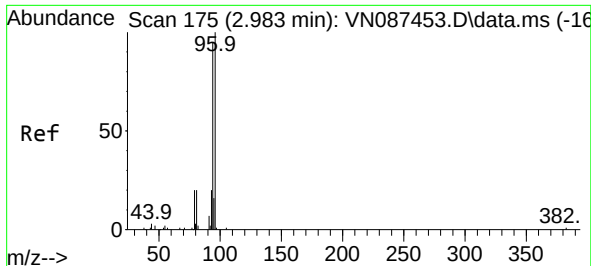
Tgt Ion: 50 Resp: 94056  
Ion Ratio Lower Upper  
50 100  
52 33.5 25.8 38.6



#4  
Vinyl Chloride  
Concen: 22.032 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 62 Resp: 99195  
Ion Ratio Lower Upper  
62 100  
64 32.0 23.4 35.2

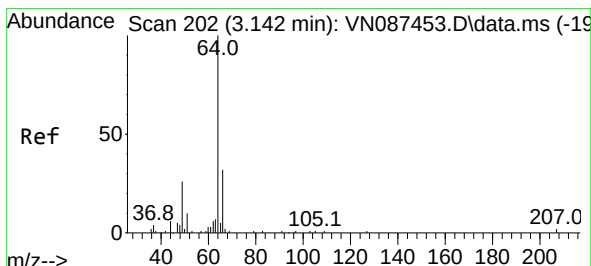
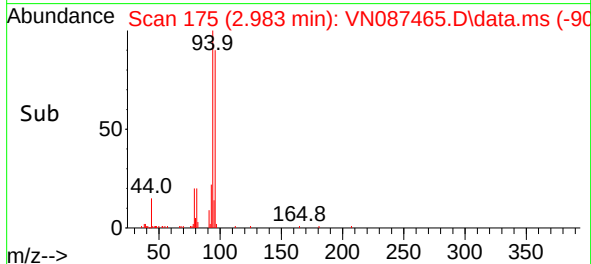
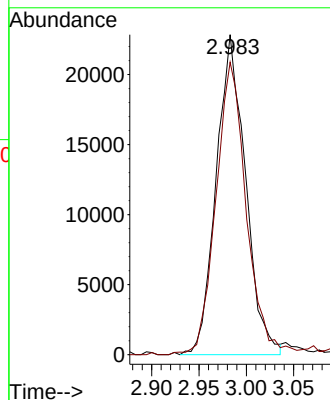
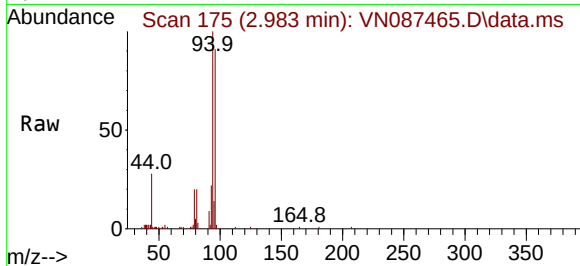




#5  
Bromomethane  
Concen: 20.154 ug/l  
RT: 2.983 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

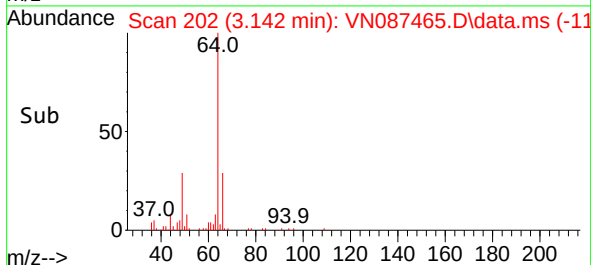
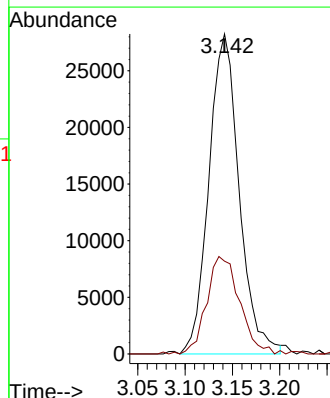
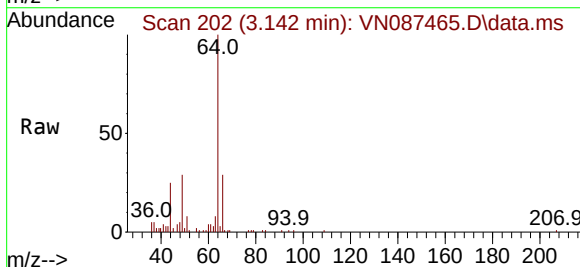
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MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

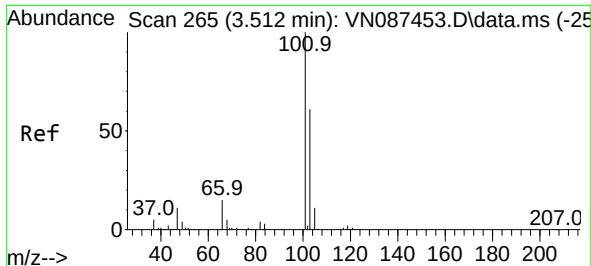
Tgt Ion: 94 Resp: 49116  
Ion Ratio Lower Upper  
94 100  
96 90.6 84.2 126.4



#6  
Chloroethane  
Concen: 21.652 ug/l  
RT: 3.142 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 64 Resp: 62863  
Ion Ratio Lower Upper  
64 100  
66 29.0 25.4 38.0

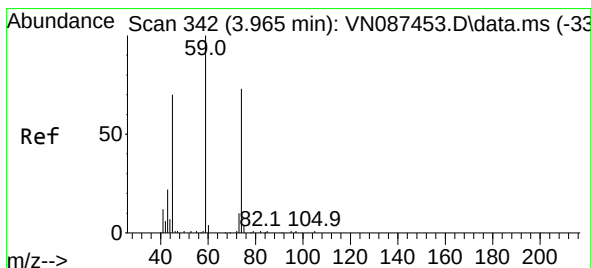
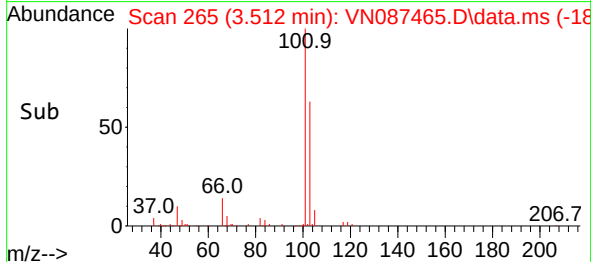
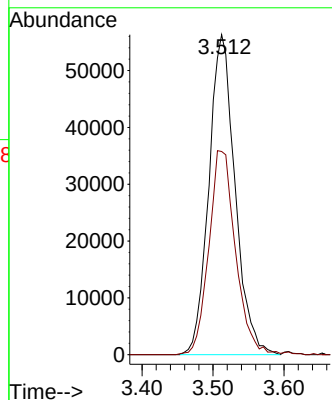
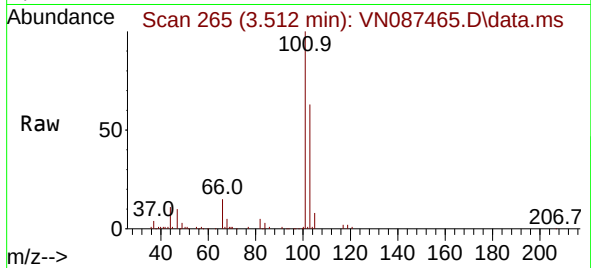




#7  
 Trichlorofluoromethane  
 Concen: 22.256 ug/l  
 RT: 3.512 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN087465.D  
 Acq: 05 Aug 2025 18:56

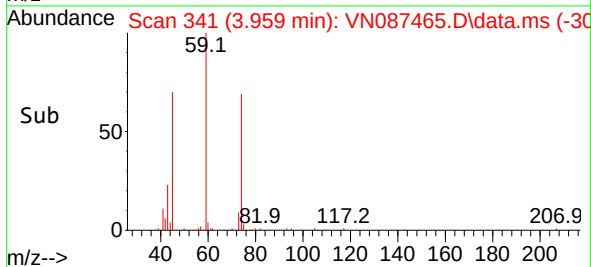
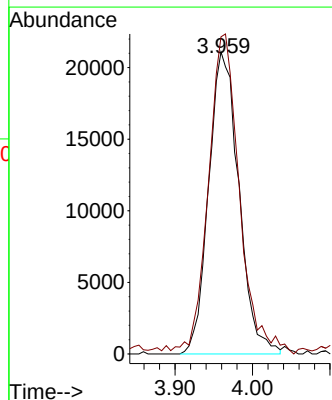
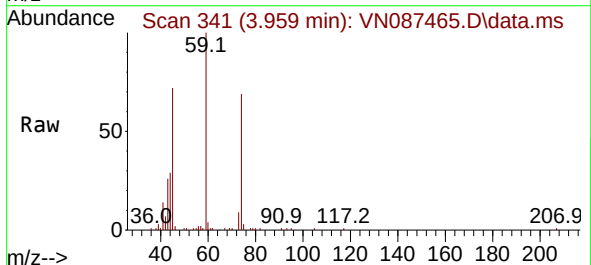
Instrument :  
 MSVOA\_N  
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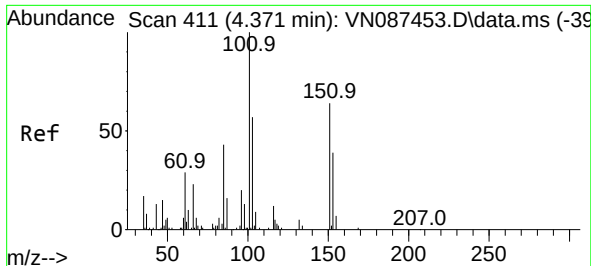
Tgt Ion:101 Resp: 144212  
 Ion Ratio Lower Upper  
 101 100  
 103 63.2 49.2 73.8



#8  
 Diethyl Ether  
 Concen: 21.130 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.006 min  
 Lab File: VN087465.D  
 Acq: 05 Aug 2025 18:56

Tgt Ion: 74 Resp: 57040  
 Ion Ratio Lower Upper  
 74 100  
 45 103.3 20.1 180.9

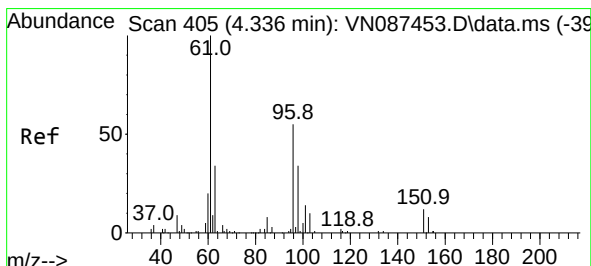
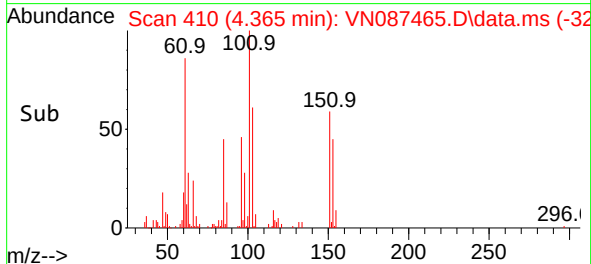
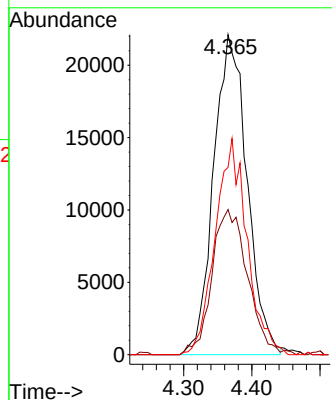
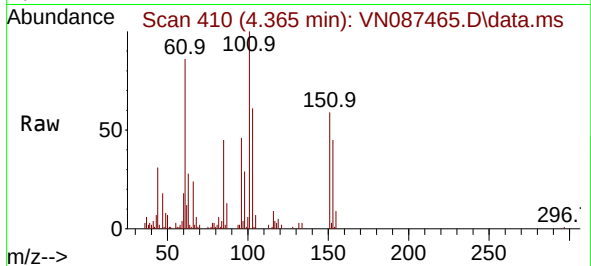




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.795 ug/l  
RT: 4.365 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

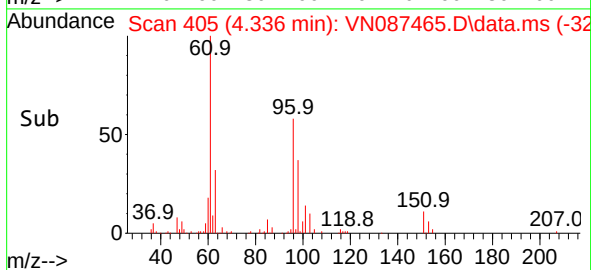
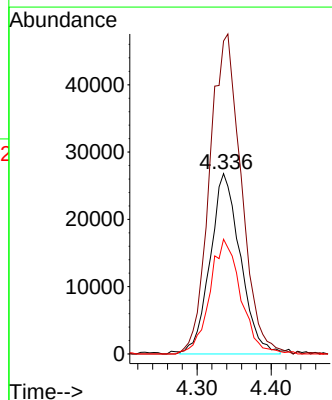
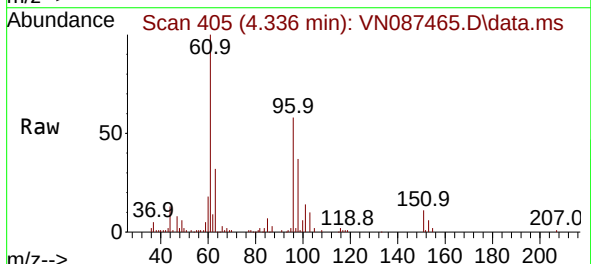
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:101 Resp: 75321  
Ion Ratio Lower Upper  
101 100  
85 48.2 0.0 57.0  
151 64.1 0.0 134.2

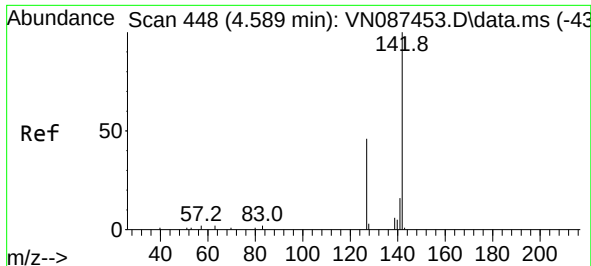


#10  
1,1-Dichloroethene  
Concen: 21.807 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 96 Resp: 75689  
Ion Ratio Lower Upper  
96 100  
61 174.7 144.2 216.4  
98 63.0 49.7 74.5



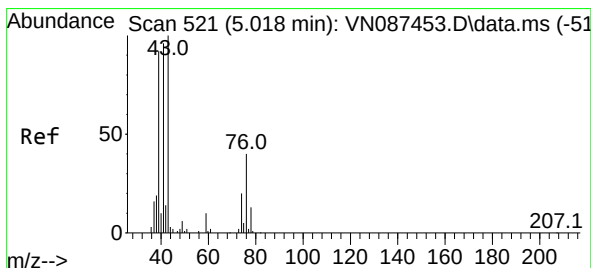
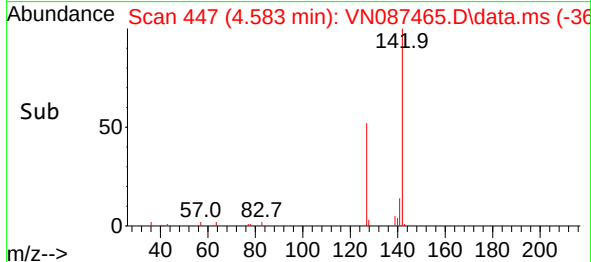
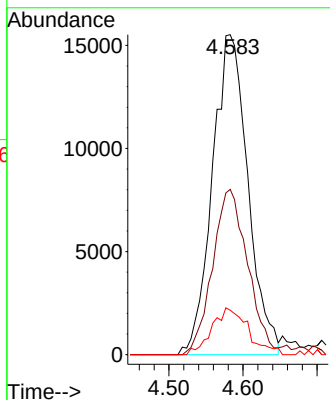
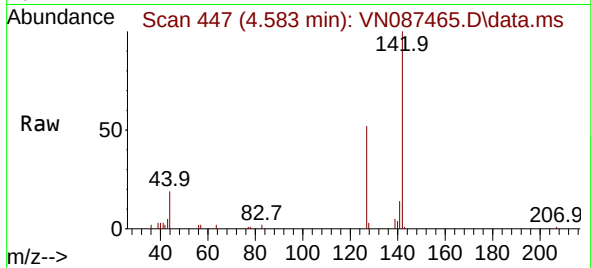




#11  
Methyl Iodide  
Concen: 18.904 ug/l  
RT: 4.583 min Scan# 448  
Delta R.T. -0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

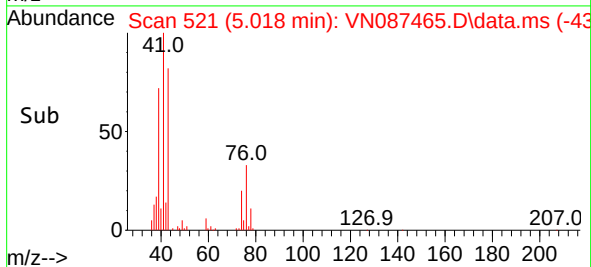
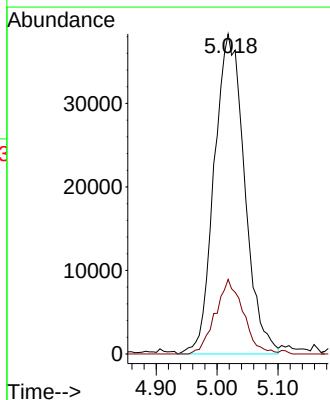
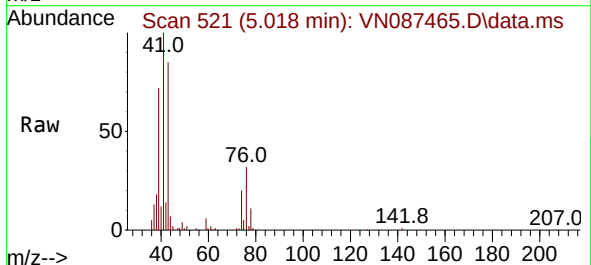
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

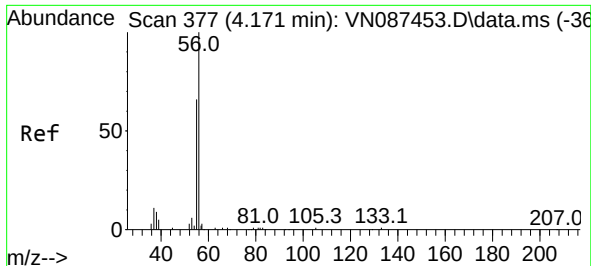
Tgt Ion:142 Resp: 51662  
Ion Ratio Lower Upper  
142 100  
127 51.5 22.9 68.7  
141 13.1 7.7 23.1



#12  
Methyl Acetate  
Concen: 20.729 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 43 Resp: 132767  
Ion Ratio Lower Upper  
43 100  
74 23.3 16.0 24.0

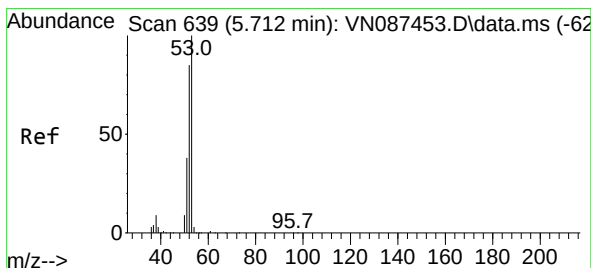
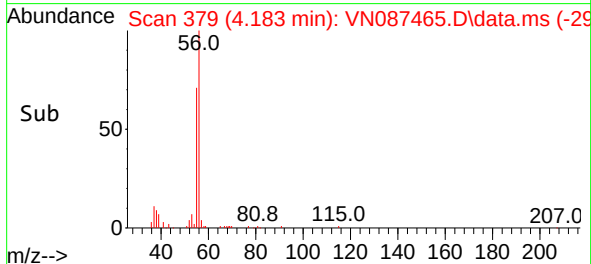
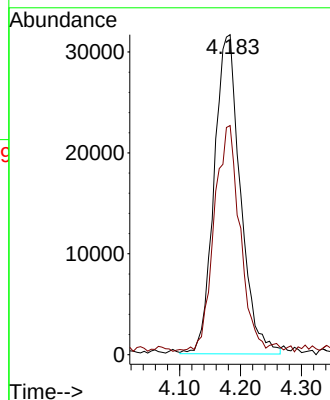
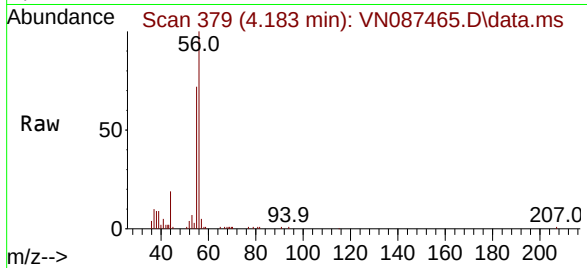




#13  
Acrolein  
Concen: 97.125 ug/l  
RT: 4.183 min Scan# 377  
Delta R.T. 0.012 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

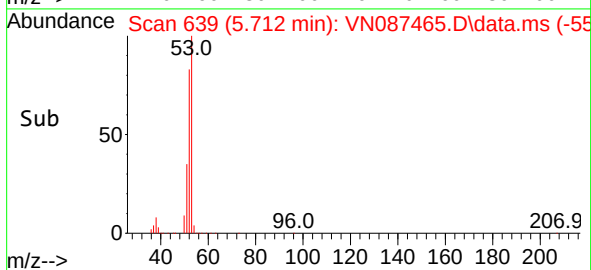
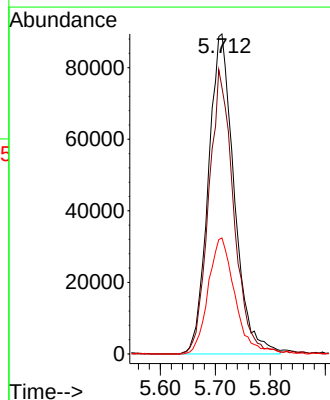
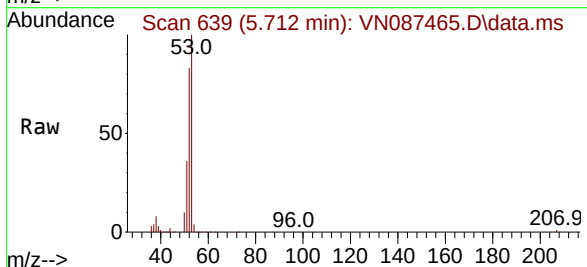
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

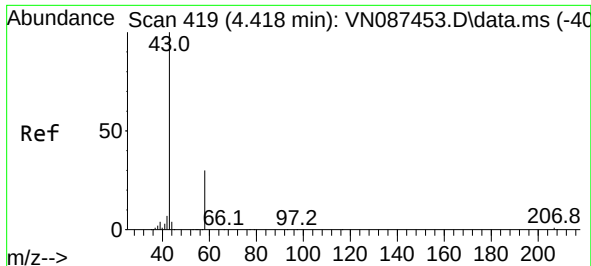
Tgt Ion: 56 Resp: 95012  
Ion Ratio Lower Upper  
56 100  
55 69.0 57.4 86.0



#14  
Acrylonitrile  
Concen: 104.582 ug/l  
RT: 5.712 min Scan# 639  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 53 Resp: 292494  
Ion Ratio Lower Upper  
53 100  
52 84.5 42.4 127.2  
51 36.6 18.5 55.5

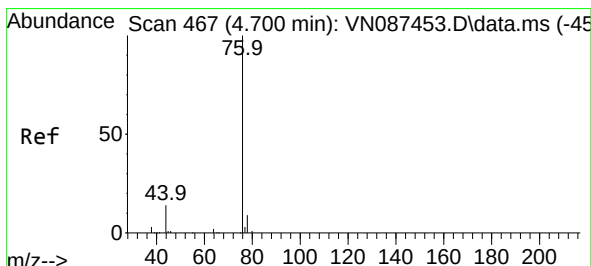
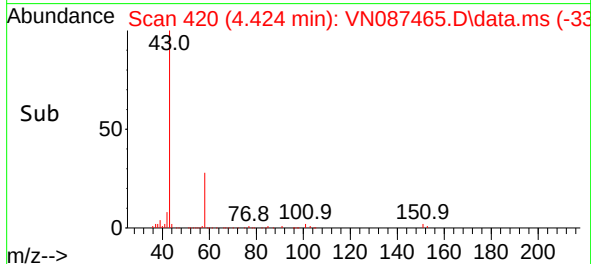
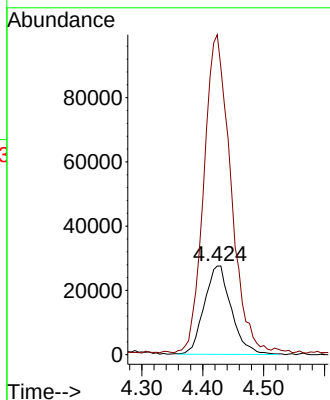
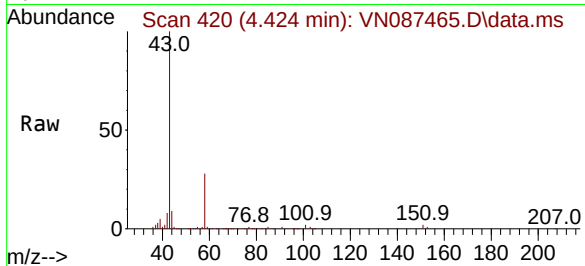




#15  
Acetone  
Concen: 106.103 ug/l  
RT: 4.424 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

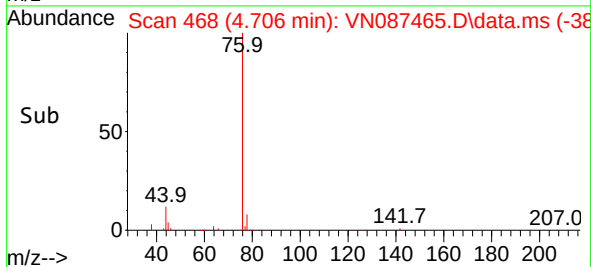
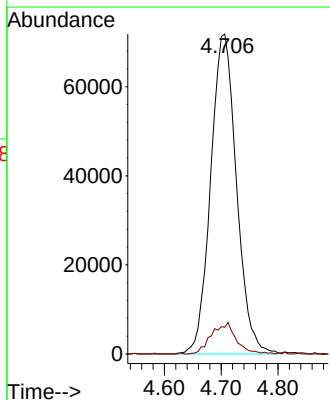
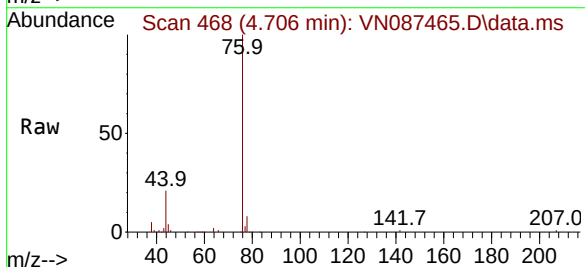
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

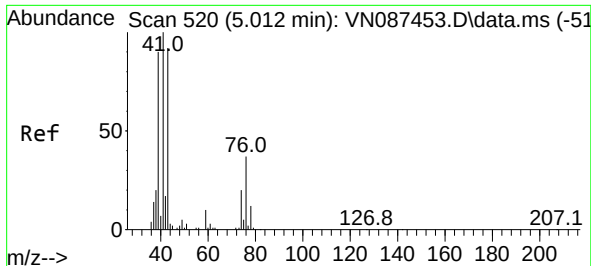
Tgt Ion: 58 Resp: 84788  
Ion Ratio Lower Upper  
58 100  
43 359.3 268.9 403.3



#16  
Carbon Disulfide  
Concen: 21.092 ug/l  
RT: 4.706 min Scan# 468  
Delta R.T. 0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 76 Resp: 227080  
Ion Ratio Lower Upper  
76 100  
78 8.1 7.1 10.7

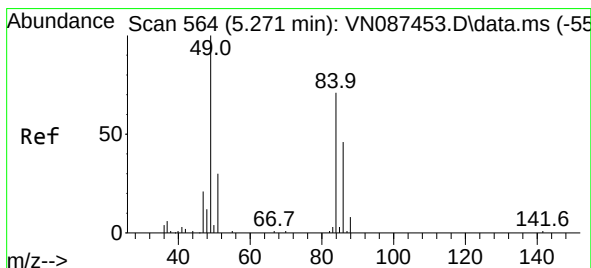
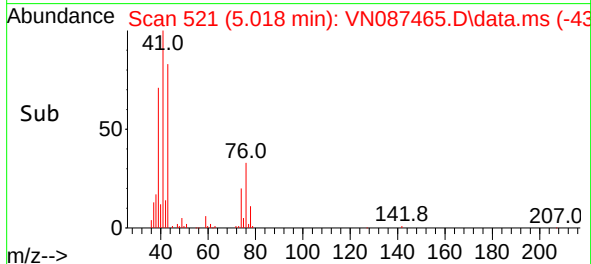
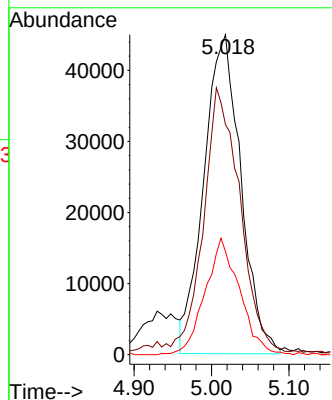
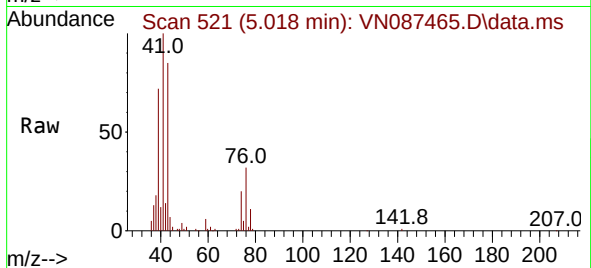




#17  
 Allyl chloride  
 Concen: 21.071 ug/l  
 RT: 5.018 min Scan# 51  
 Delta R.T. 0.006 min  
 Lab File: VN087465.D  
 Acq: 05 Aug 2025 18:56

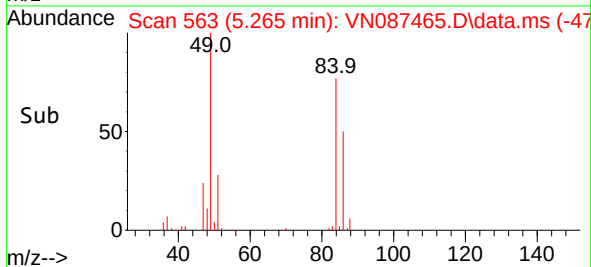
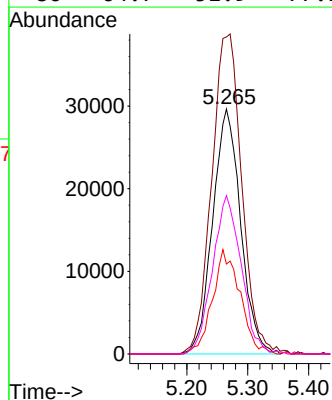
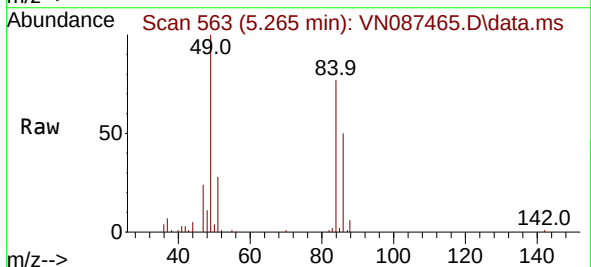
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 001-WILLETS-PT-BLVD(JUNE)MSD

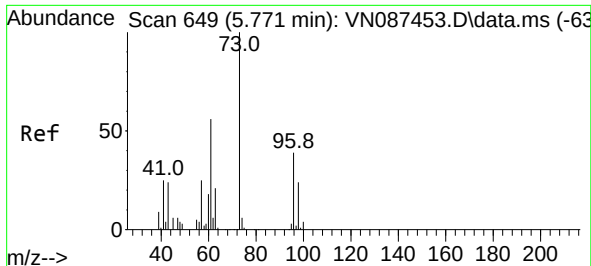
Tgt Ion: 41 Resp: 149063  
 Ion Ratio Lower Upper  
 41 100  
 39 71.0 42.4 127.2  
 76 31.9 16.9 50.6



#18  
 Methylene Chloride  
 Concen: 21.174 ug/l  
 RT: 5.265 min Scan# 563  
 Delta R.T. -0.006 min  
 Lab File: VN087465.D  
 Acq: 05 Aug 2025 18:56

Tgt Ion: 84 Resp: 94609  
 Ion Ratio Lower Upper  
 84 100  
 49 129.4 112.9 169.3  
 51 36.7 33.8 50.8  
 86 64.7 51.9 77.9

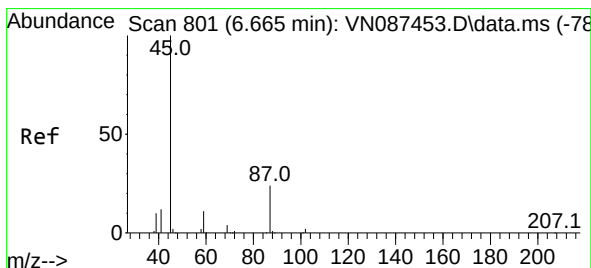
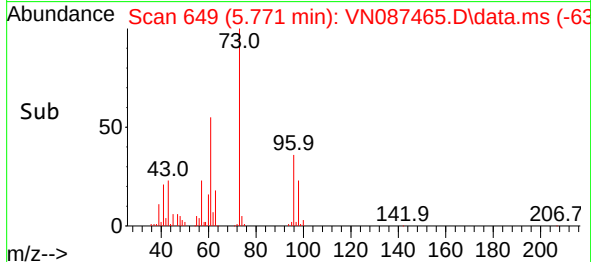
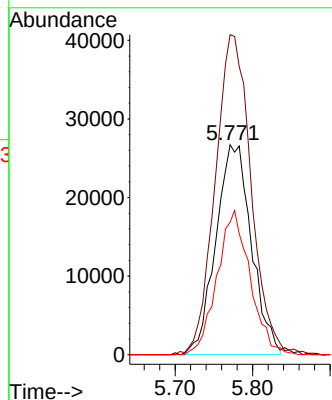
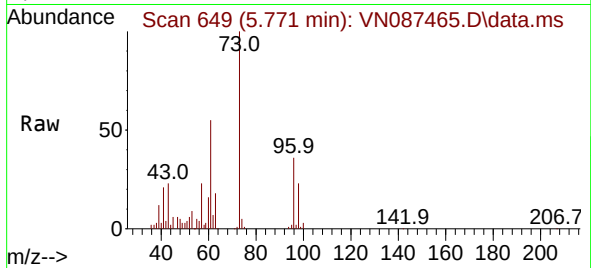




#19  
trans-1,2-Dichloroethene  
Concen: 20.666 ug/l  
RT: 5.771 min Scan# 649  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

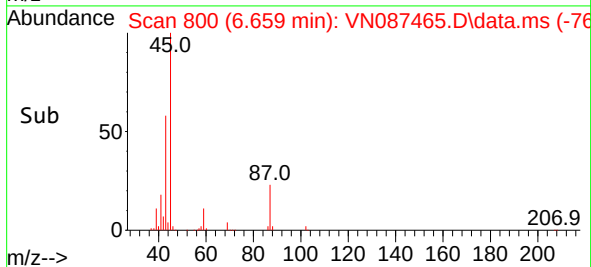
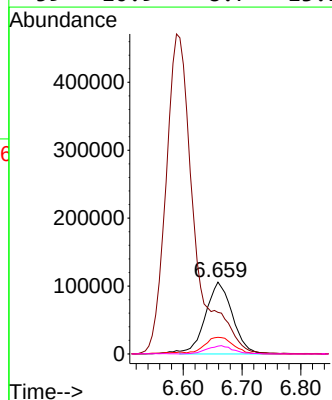
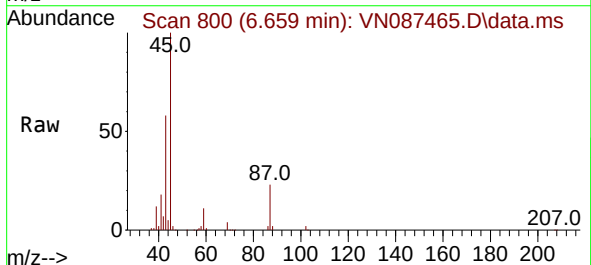
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

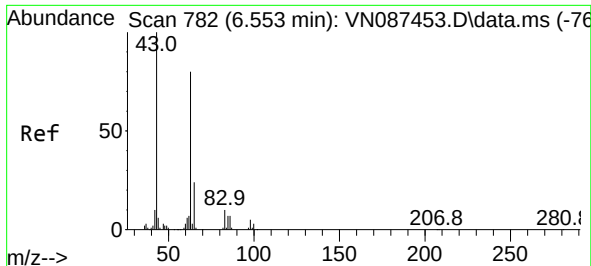
Tgt Ion: 96 Resp: 85295  
Ion Ratio Lower Upper  
96 100  
61 150.9 114.2 171.4  
98 63.0 48.7 73.1



#20  
Diisopropyl ether  
Concen: 20.792 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 45 Resp: 335083  
Ion Ratio Lower Upper  
45 100  
43 57.3 44.7 67.1  
87 23.1 20.2 30.2  
59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.954 ug/l

RT: 6.553 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN087465.D

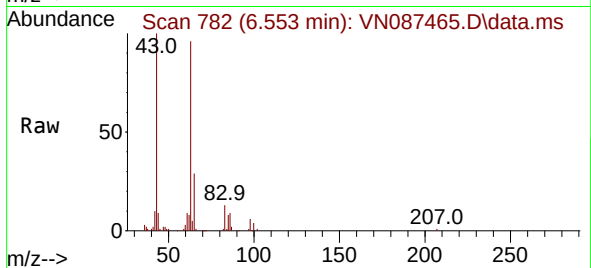
Acq: 05 Aug 2025 18:56

Instrument :

MSVOA\_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD



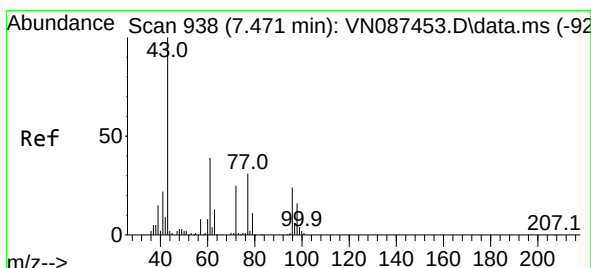
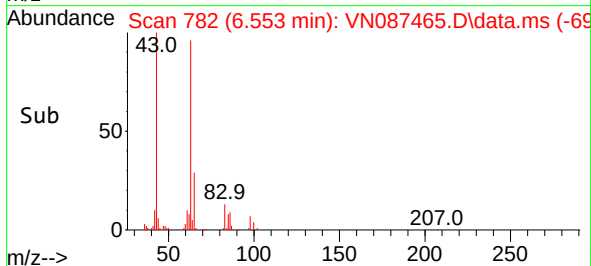
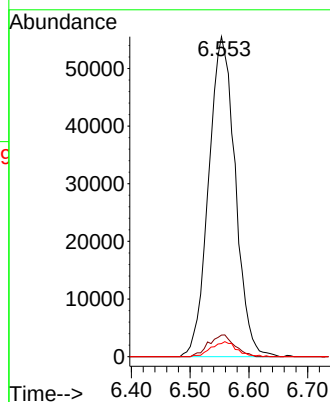
Tgt Ion: 63 Resp: 174555

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.0

100 4.1 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 20.605 ug/l

RT: 7.477 min Scan# 939

Delta R.T. 0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

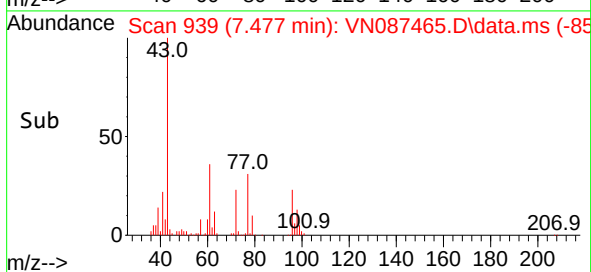
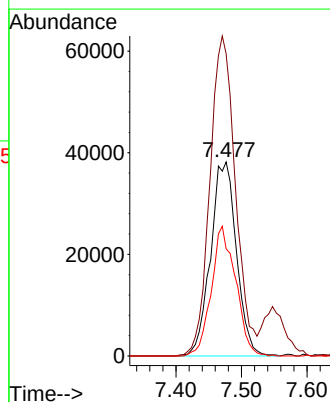
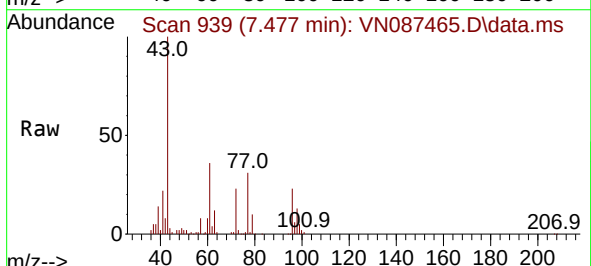
Tgt Ion: 96 Resp: 104639

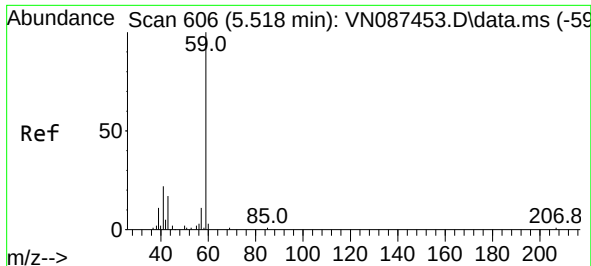
Ion Ratio Lower Upper

96 100

61 162.9 126.6 190.0

98 62.7 50.9 76.3

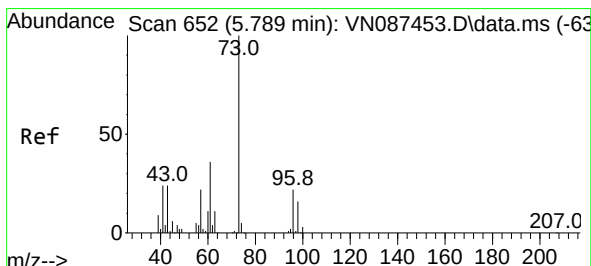
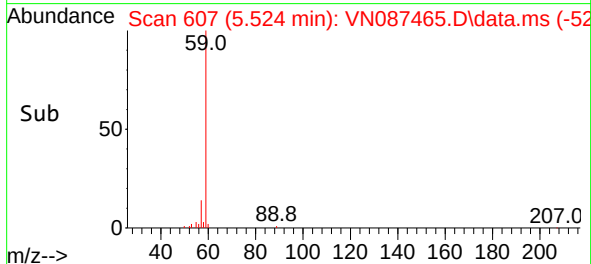
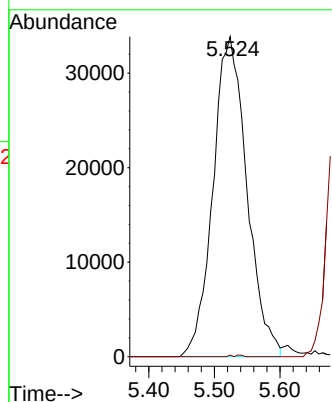
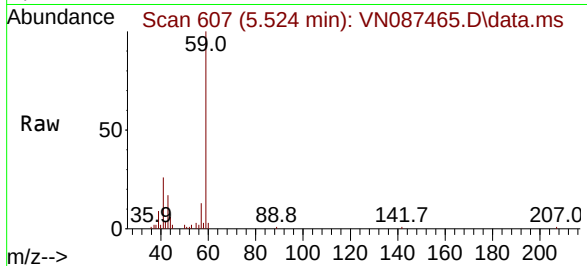




#23  
tert-Butyl Alcohol  
Concen: 102.265 ug/l  
RT: 5.524 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

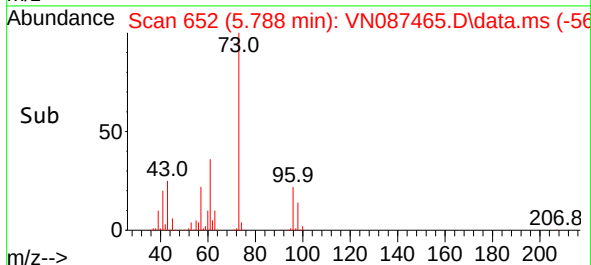
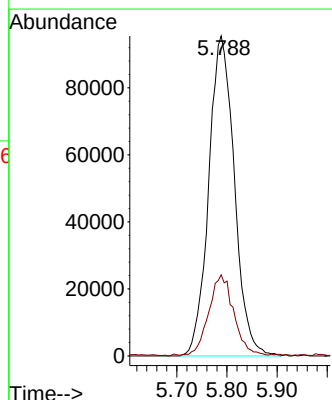
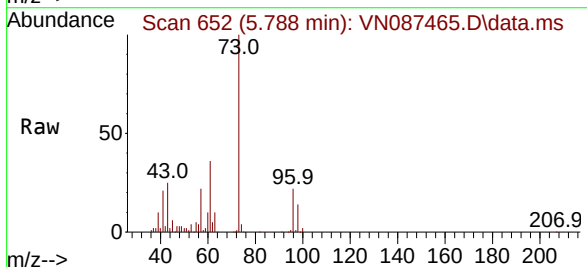
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

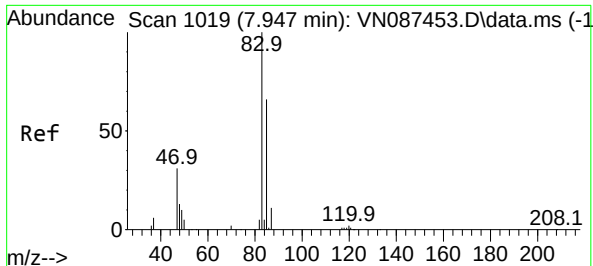
Tgt Ion: 59 Resp: 121535  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0#



#24  
Methyl tert-Butyl Ether  
Concen: 21.453 ug/l  
RT: 5.788 min Scan# 652  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 73 Resp: 339285  
Ion Ratio Lower Upper  
73 100  
43 24.5 19.9 29.9

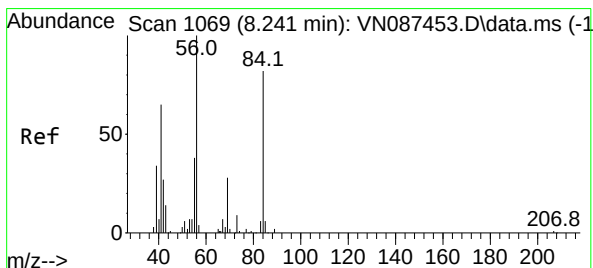
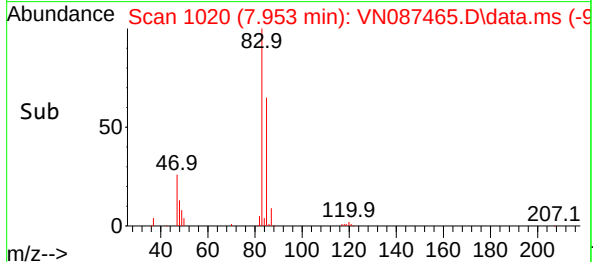
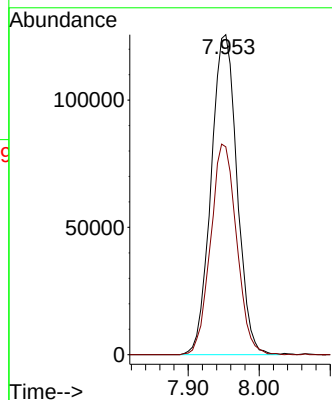
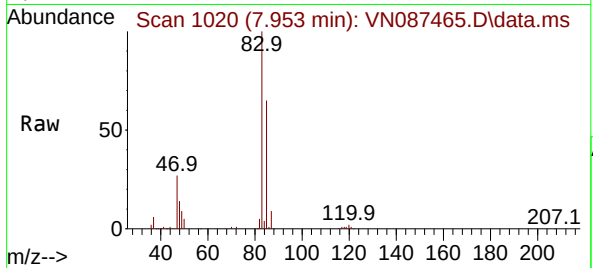




#25  
Chloroform  
Concen: 36.648 ug/l  
RT: 7.953 min Scan# 1020  
Delta R.T. 0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

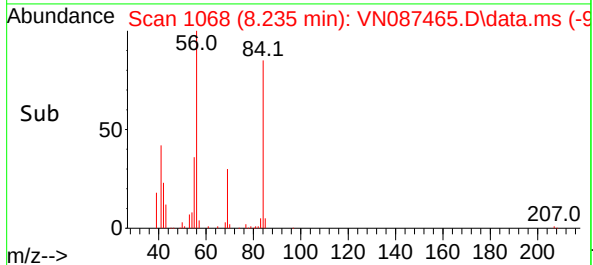
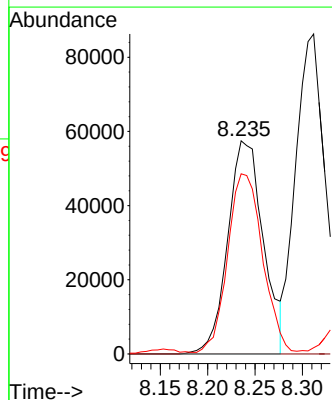
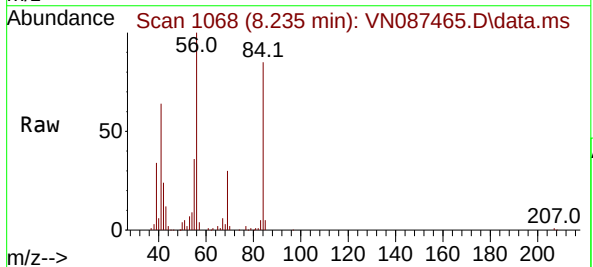
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 83 Resp: 318668  
Ion Ratio Lower Upper  
83 100  
85 65.0 52.6 78.8

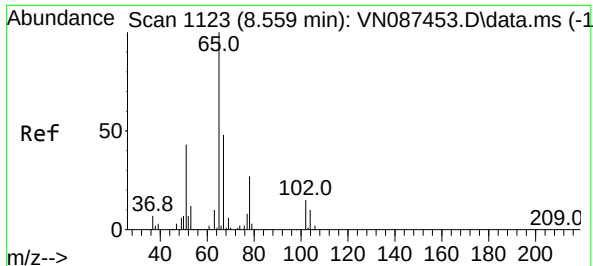


#26  
Cyclohexane  
Concen: 22.528 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 56 Resp: 150258  
Ion Ratio Lower Upper  
56 100  
89 0.0 2.3 3.5#  
84 83.7 67.0 100.4







#27

1,2-Dichloroethane-d4

Concen: 31.651 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA\_N

ClientSampleId :

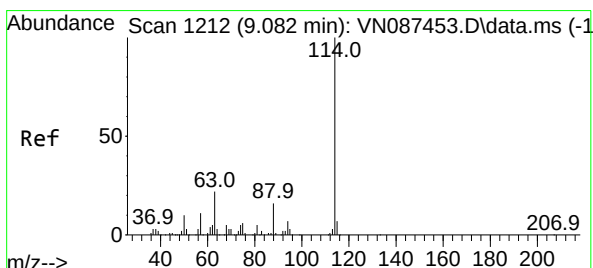
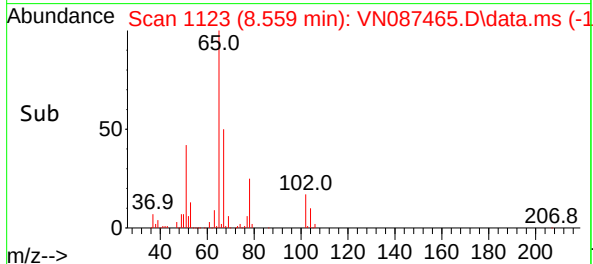
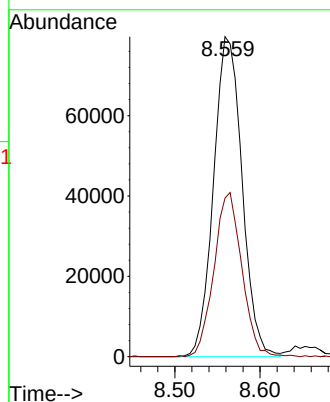
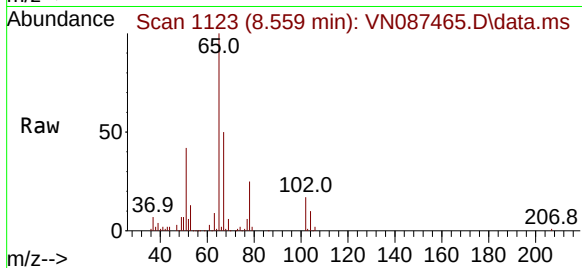
001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 65 Resp: 185003

Ion Ratio Lower Upper

65 100

67 50.1 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

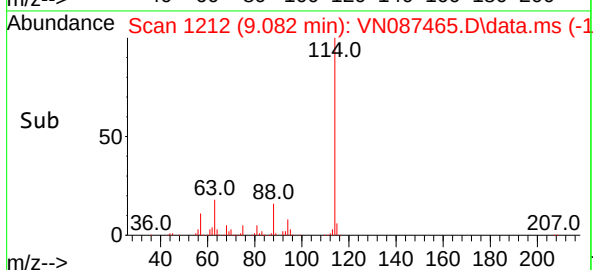
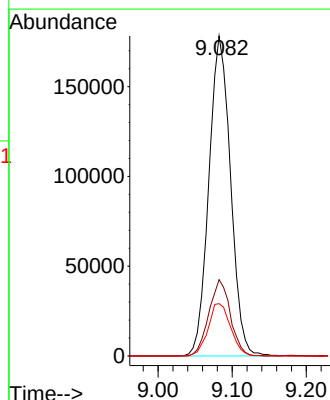
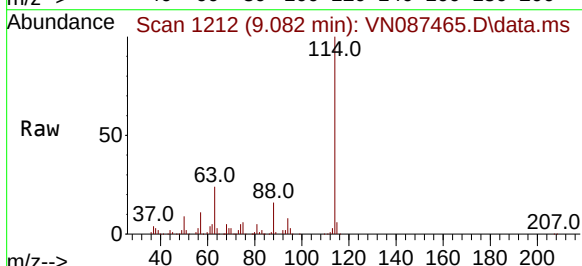
Tgt Ion: 114 Resp: 362030

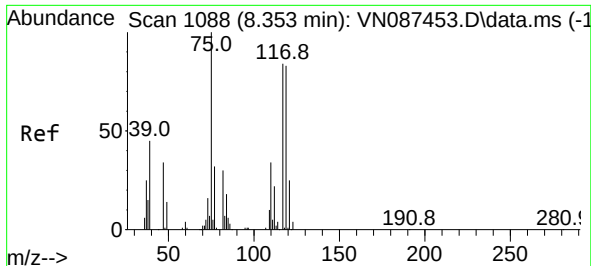
Ion Ratio Lower Upper

114 100

63 23.6 18.9 28.3

88 17.0 13.1 19.7

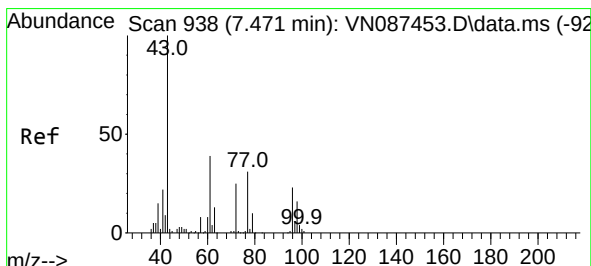
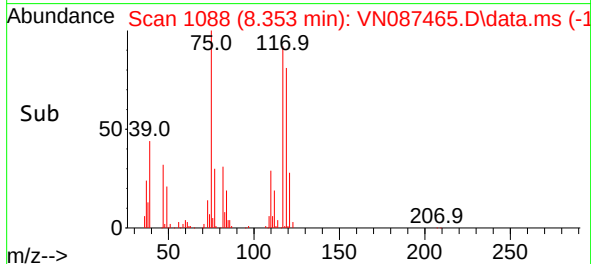
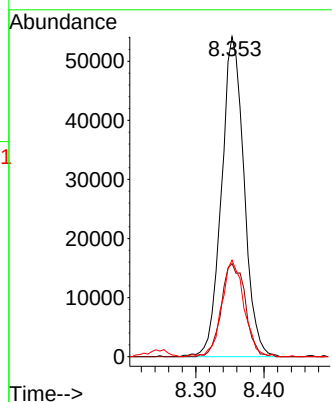
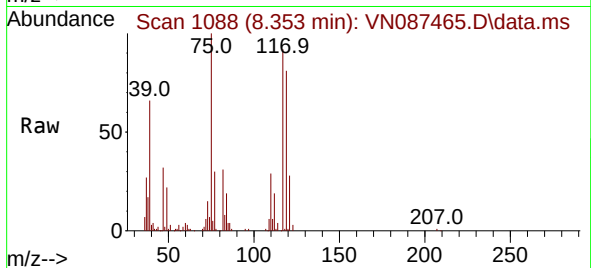




#29  
1,1-Dichloropropene  
Concen: 21.101 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

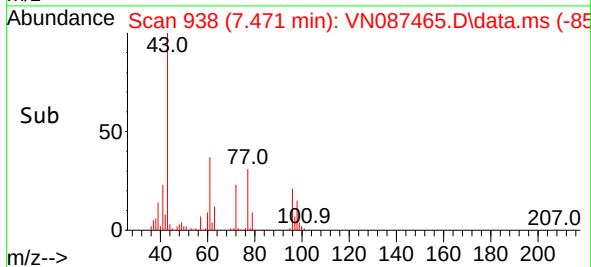
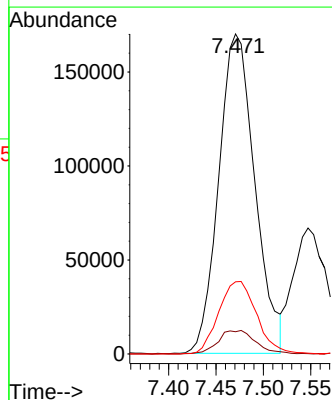
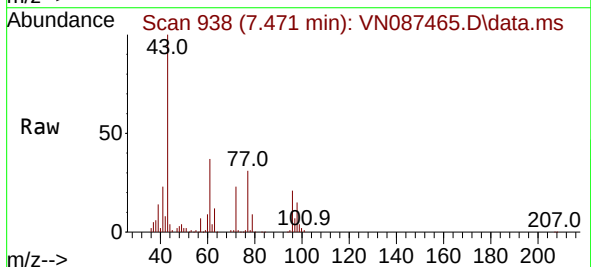
Instrument : MSVOA\_N  
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD

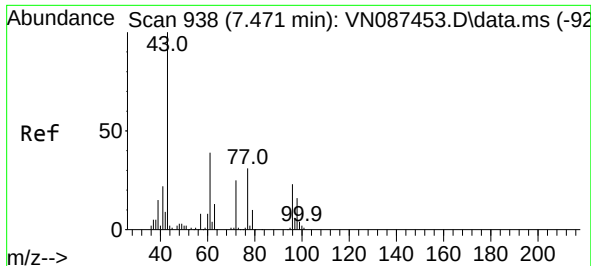
Tgt Ion: 75 Resp: 124594  
Ion Ratio Lower Upper  
75 100  
110 30.7 0.0 65.8  
77 29.5 0.0 63.6



#30  
2-Butanone  
Concen: 103.856 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 43 Resp: 452029  
Ion Ratio Lower Upper  
43 100  
57 4.0 6.6 9.8#  
72 23.8 19.7 29.5

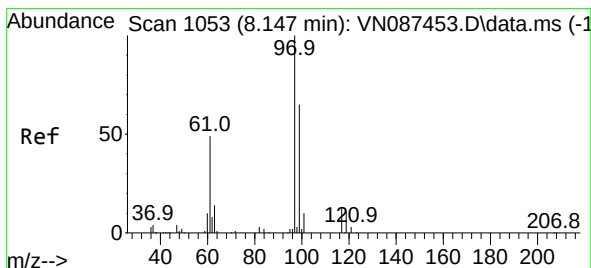
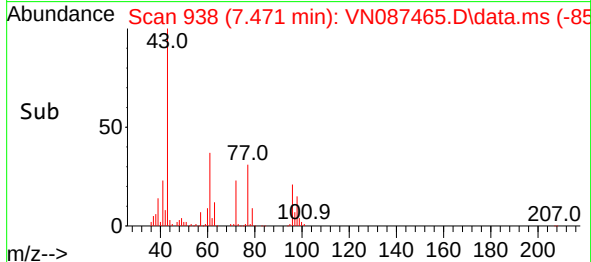
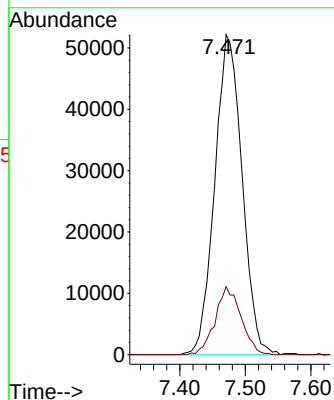
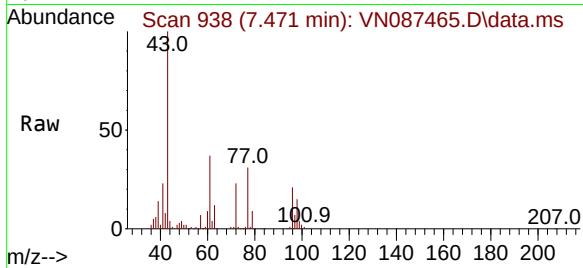




#31  
2,2-Dichloropropane  
Concen: 19.788 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

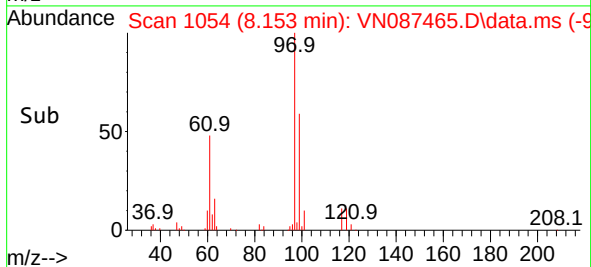
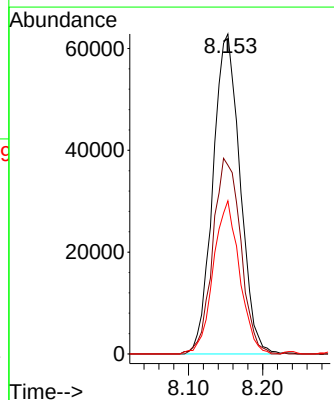
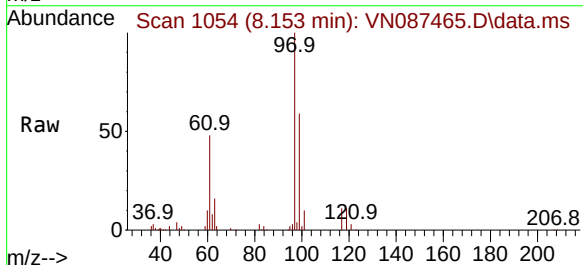
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

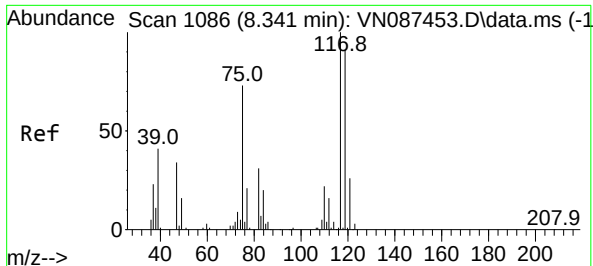
Tgt Ion: 77 Resp: 150697  
Ion Ratio Lower Upper  
77 100  
97 20.1 16.7 25.1



#32  
1,1,1-Trichloroethane  
Concen: 21.228 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 97 Resp: 159868  
Ion Ratio Lower Upper  
97 100  
99 62.8 53.0 79.6  
61 46.3 40.6 61.0

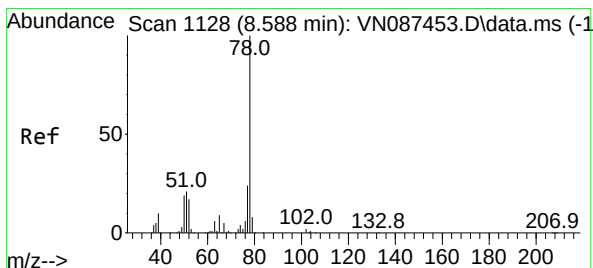
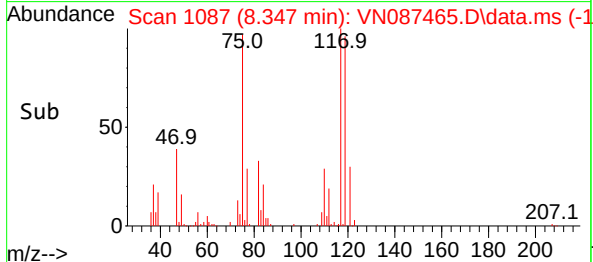
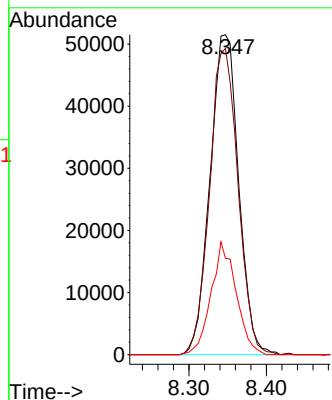
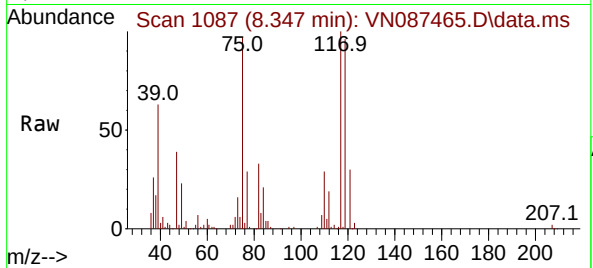




#33  
Carbon Tetrachloride  
Concen: 21.147 ug/l  
RT: 8.347 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

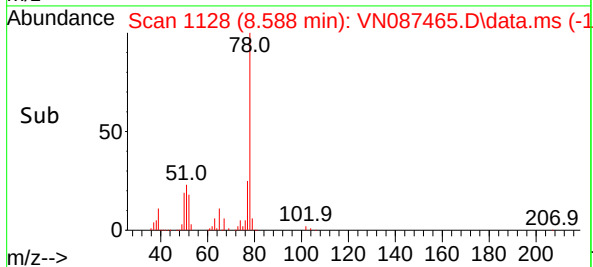
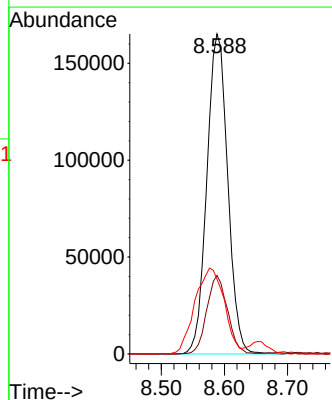
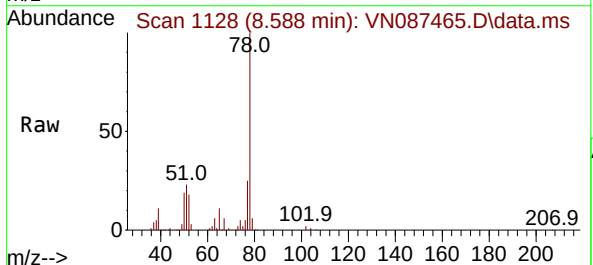
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

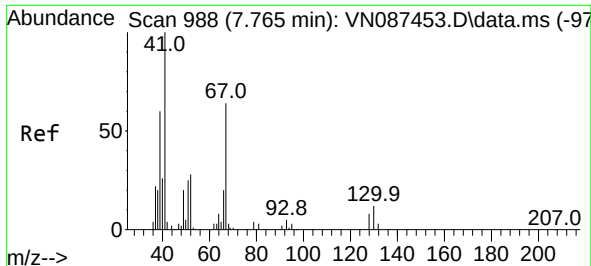
Tgt Ion:117 Resp: 132303  
Ion Ratio Lower Upper  
117 100  
119 95.7 73.4 110.0  
121 30.1 21.1 31.7



#34  
Benzene  
Concen: 20.348 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 78 Resp: 379279  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.2 28.8  
51 23.0 16.9 25.3

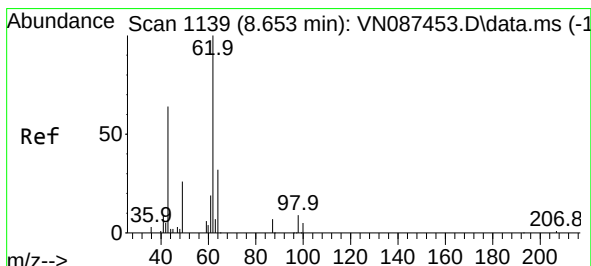
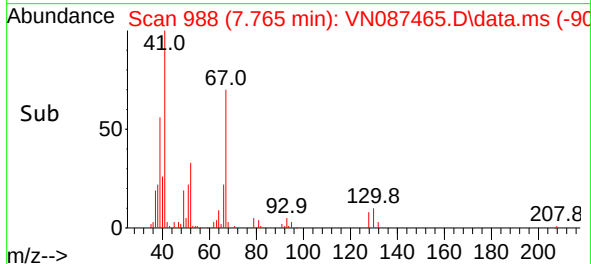
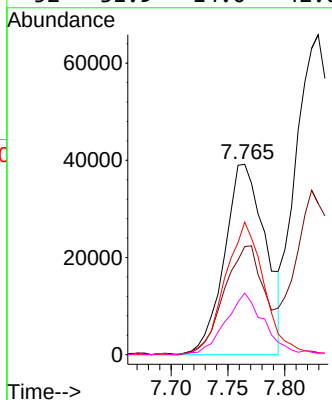
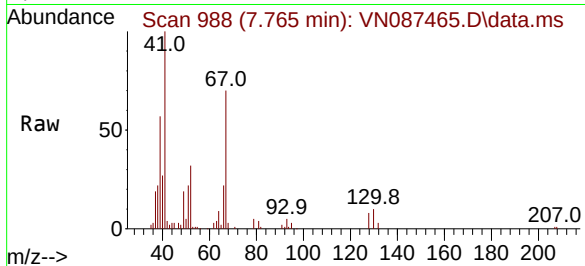




#35  
Methacrylonitrile  
Concen: 21.043 ug/l  
RT: 7.765 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

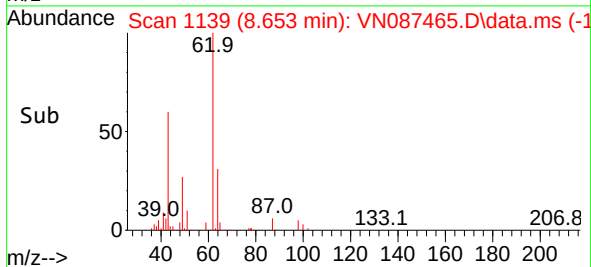
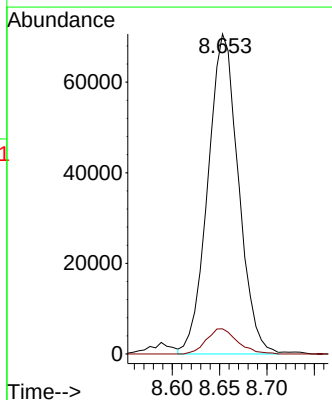
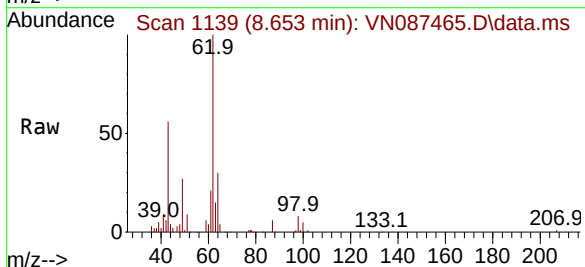
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

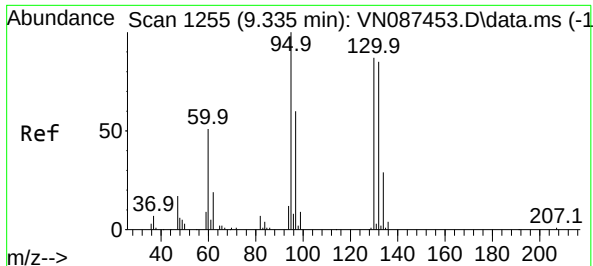
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 98835 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.8  | 30.1  | 90.5  |
| 67       | 69.5  | 32.0  | 96.2  |
| 52       | 31.9  | 14.0  | 42.0  |



#36  
1,2-Dichloroethane  
Concen: 21.040 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 158507 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.0   | 6.6   | 9.8    |





#37

Trichloroethene

Concen: 20.274 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. -0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA\_N

ClientSampleId :

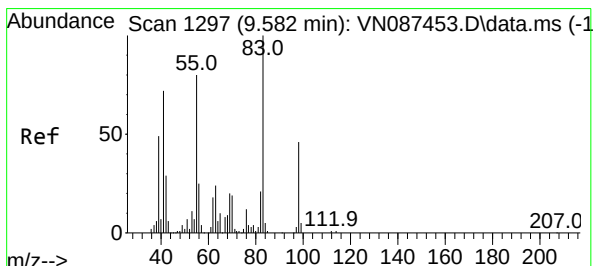
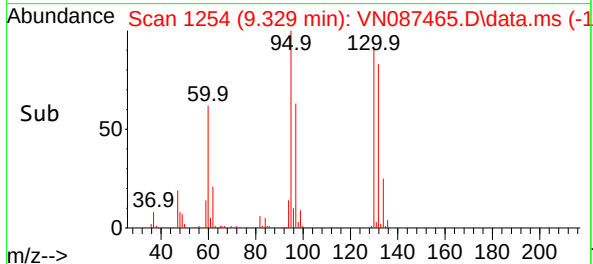
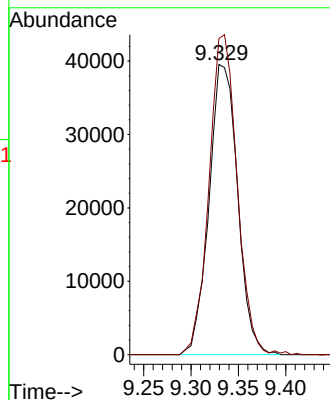
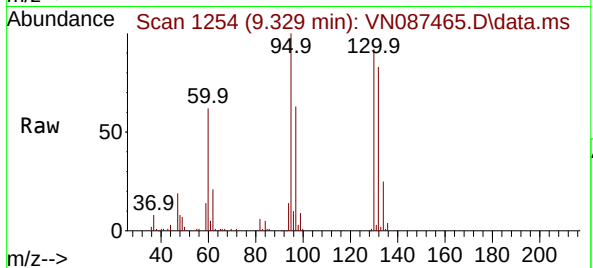
001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:130 Resp: 83242

Ion Ratio Lower Upper

130 100

95 109.0 91.4 137.2



#38

Methylcyclohexane

Concen: 21.049 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

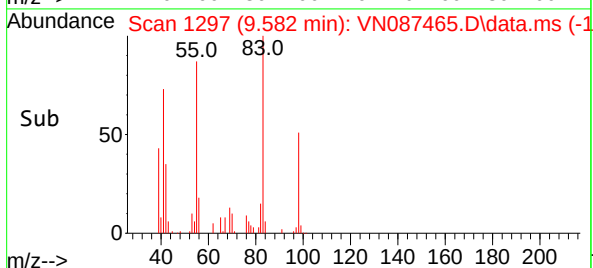
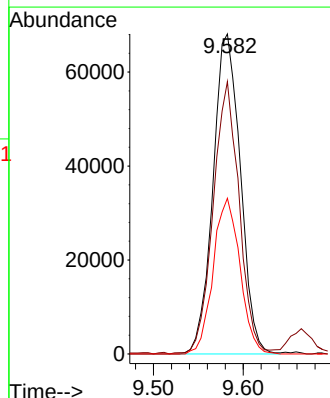
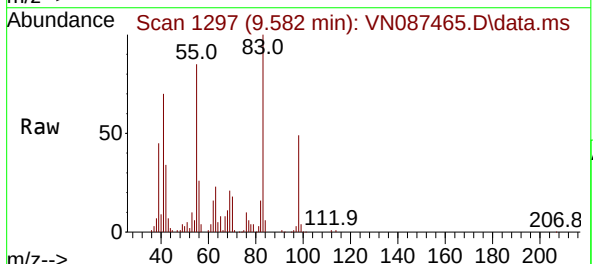
Tgt Ion: 83 Resp: 144189

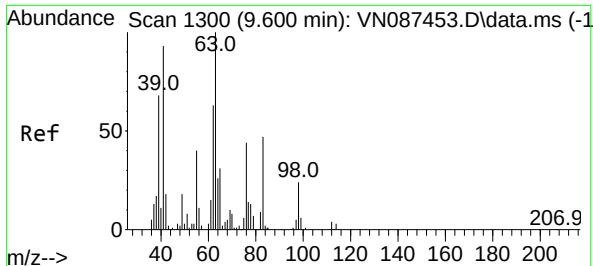
Ion Ratio Lower Upper

83 100

55 80.6 41.2 123.6

98 47.6 23.3 69.9





#39

1,2-Dichloropropane

Concen: 21.024 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA\_N

ClientSampleId :

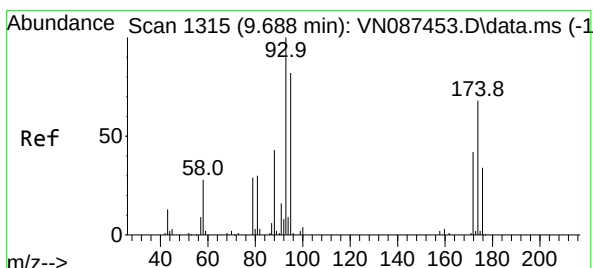
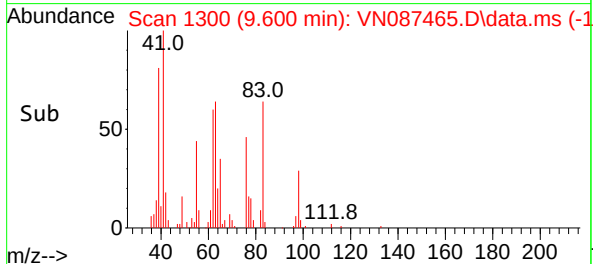
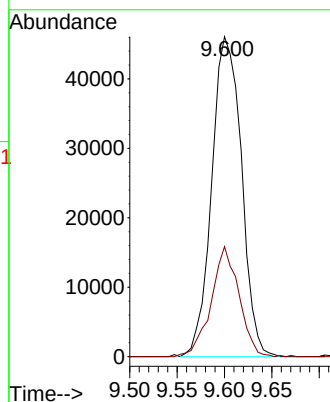
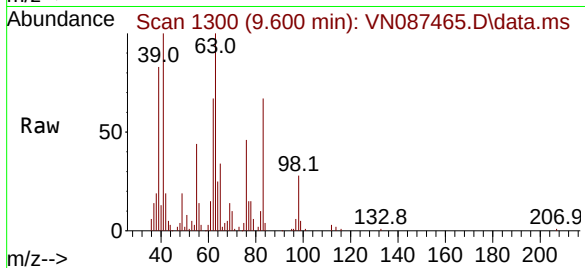
001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 63 Resp: 100476

Ion Ratio Lower Upper

63 100

65 34.0 24.6 36.8



#40

Dibromomethane

Concen: 20.674 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

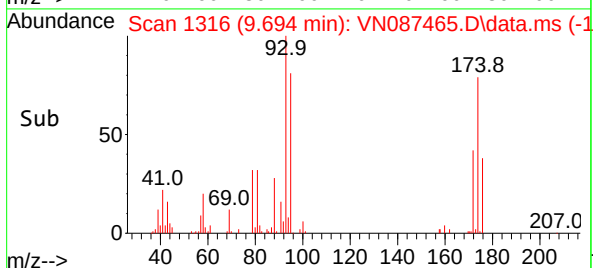
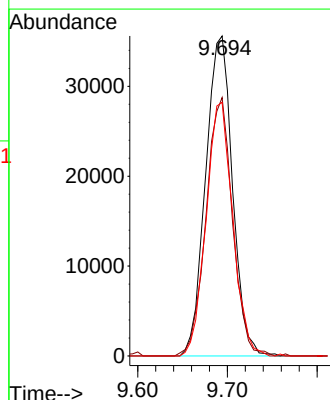
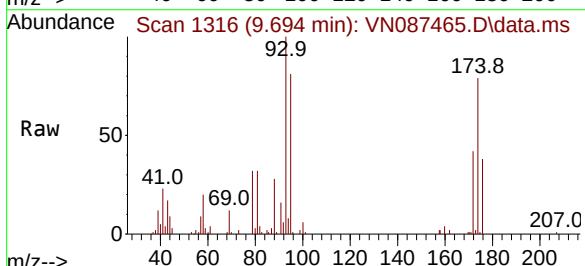
Tgt Ion: 93 Resp: 74131

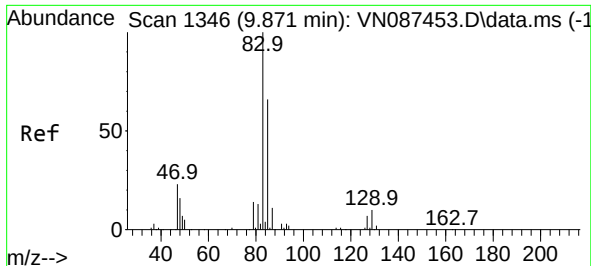
Ion Ratio Lower Upper

93 100

95 79.3 0.0 161.6

174 78.5 0.0 151.4

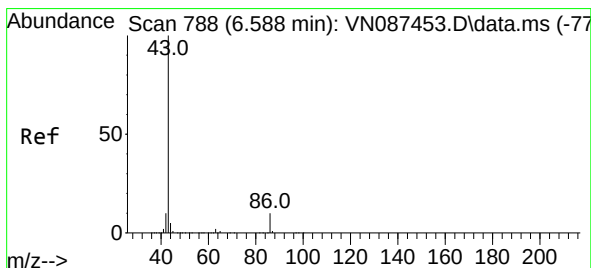
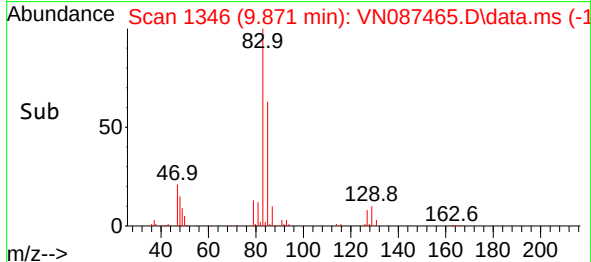
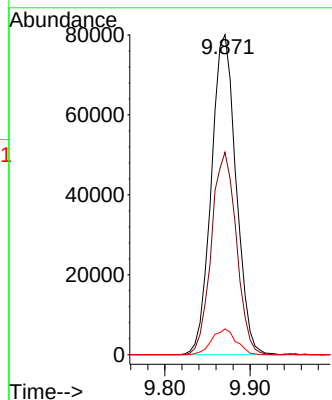
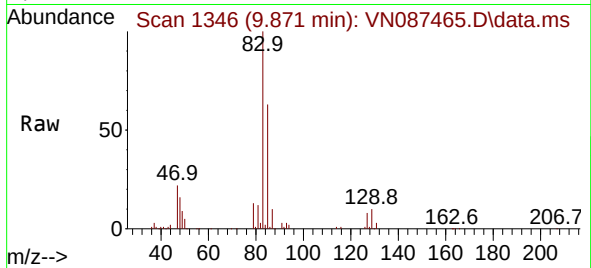




#41  
Bromodichloromethane  
Concen: 21.651 ug/l  
RT: 9.871 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

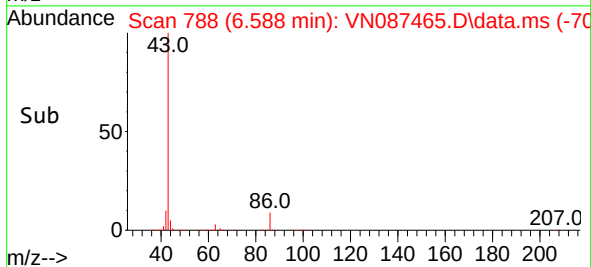
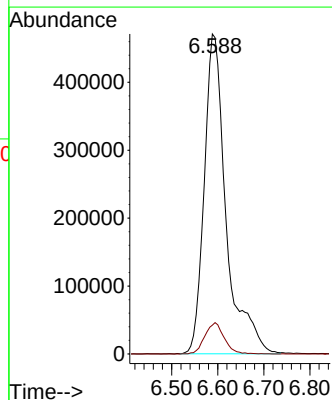
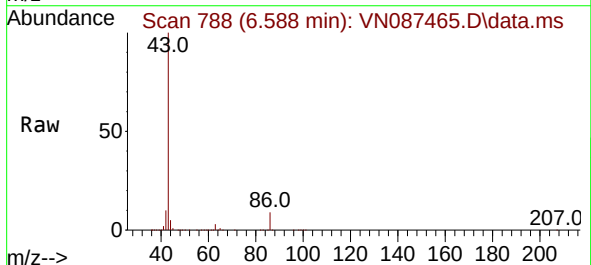
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 83 Resp: 161315  
Ion Ratio Lower Upper  
83 100  
85 63.3 52.9 79.3  
127 8.1 5.8 8.6

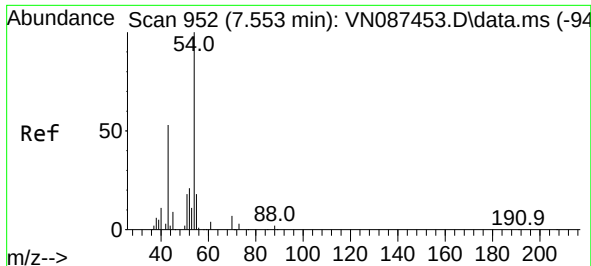


#42  
Vinyl Acetate  
Concen: 109.001 ug/l  
RT: 6.588 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 43 Resp: 1562358  
Ion Ratio Lower Upper  
43 100  
86 8.5 7.3 10.9



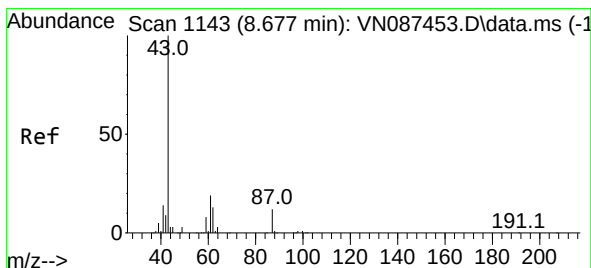
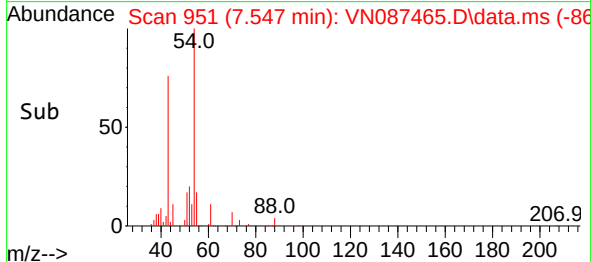
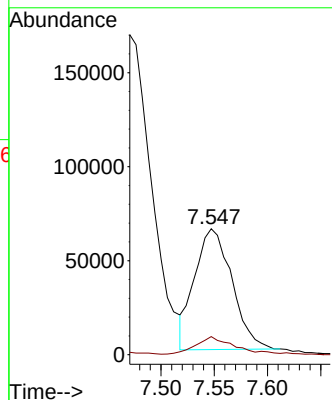
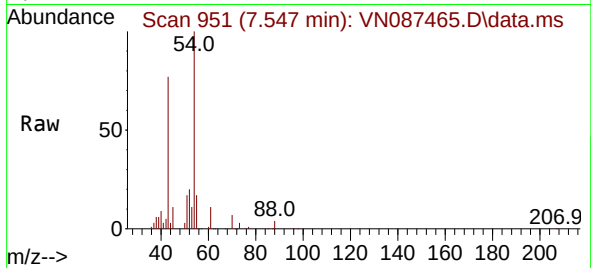




#43  
Ethyl Acetate  
Concen: 18.637 ug/l  
RT: 7.547 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

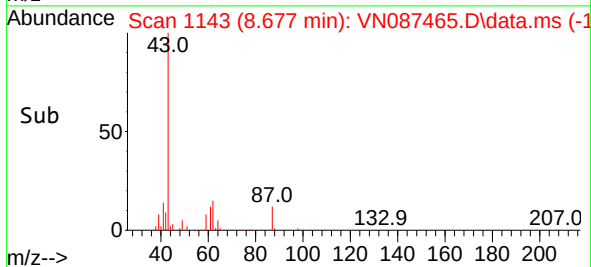
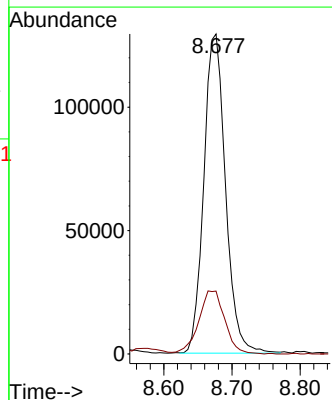
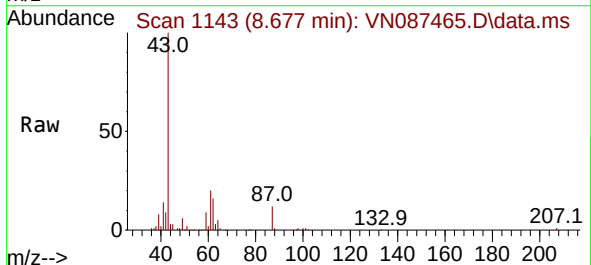
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

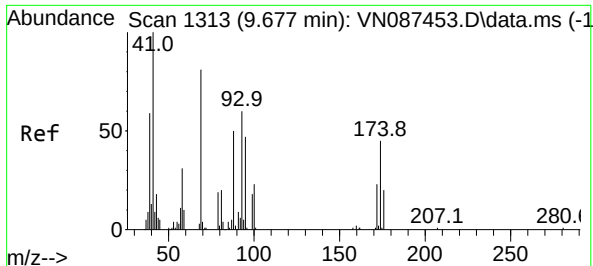
Tgt Ion: 43 Resp: 156705  
Ion Ratio Lower Upper  
43 100  
45 14.5 11.1 16.7



#44  
Isopropyl Acetate  
Concen: 20.110 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 43 Resp: 286640  
Ion Ratio Lower Upper  
43 100  
61 23.8 18.6 28.0





#45

1,4-Dioxane

Concen: 418.108 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA\_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD

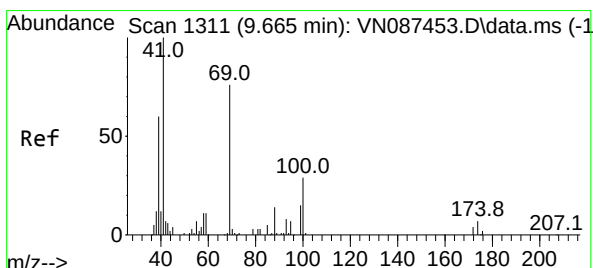
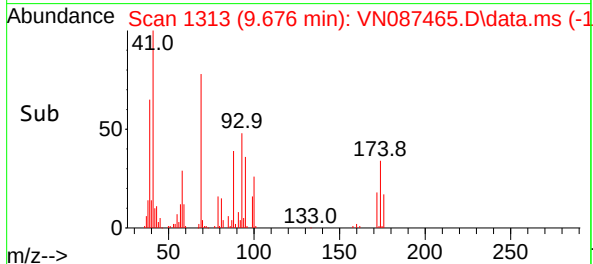
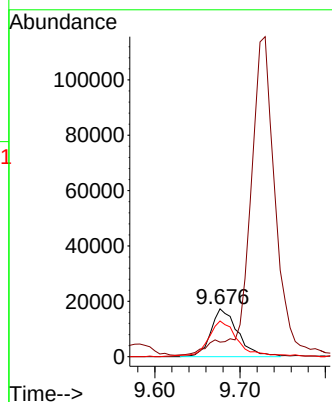
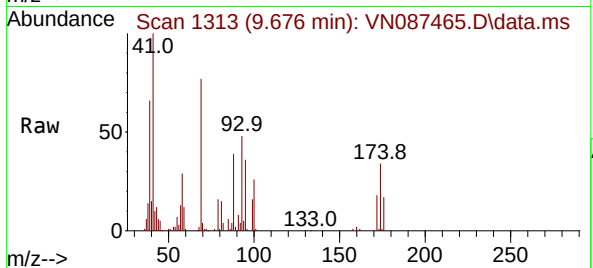
Tgt Ion: 88 Resp: 37991

Ion Ratio Lower Upper

88 100

43 19.6 24.1 36.1#

58 79.5 57.2 85.8



#46

Methyl methacrylate

Concen: 18.940 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

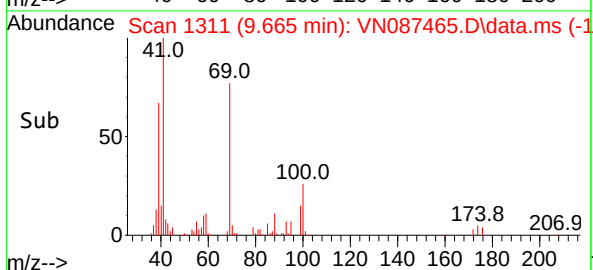
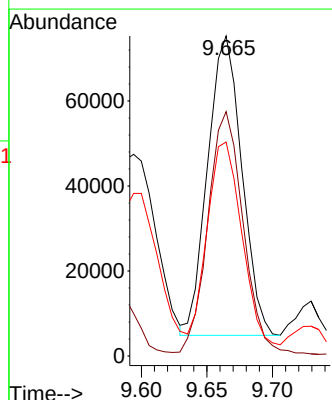
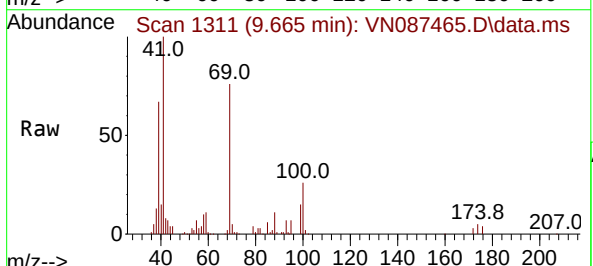
Tgt Ion: 41 Resp: 127427

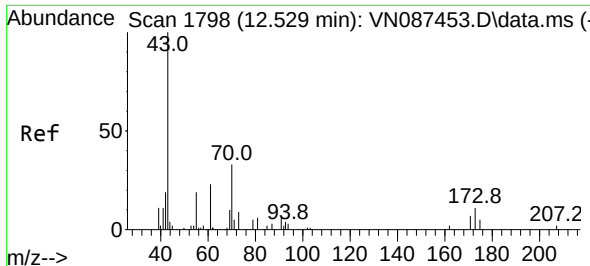
Ion Ratio Lower Upper

41 100

69 80.4 37.1 111.5

39 67.7 30.7 92.1

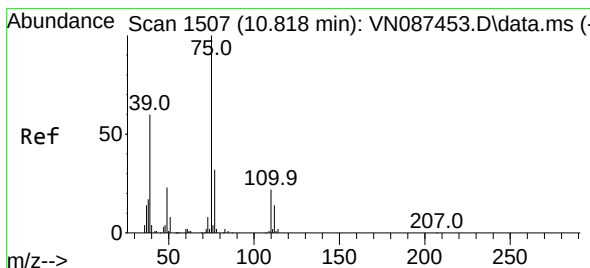
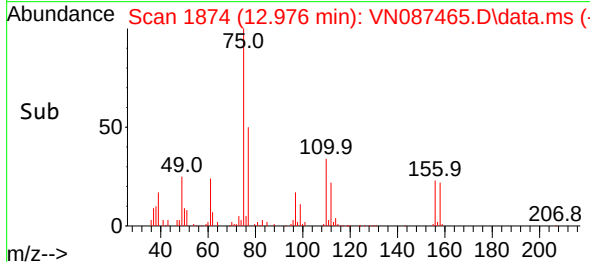
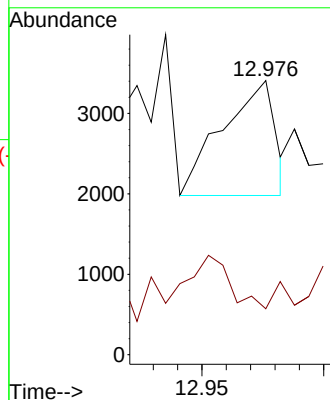
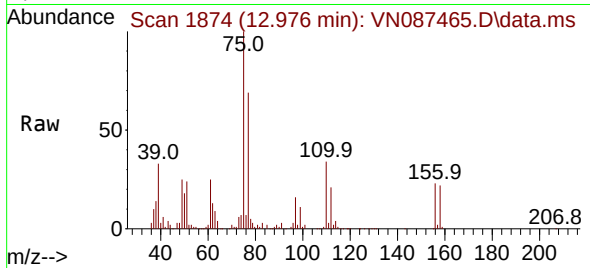




#47  
n-amy1 Acetate  
Concen: 0.272 ug/l  
RT: 12.976 min Scan# 11  
Delta R.T. 0.447 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

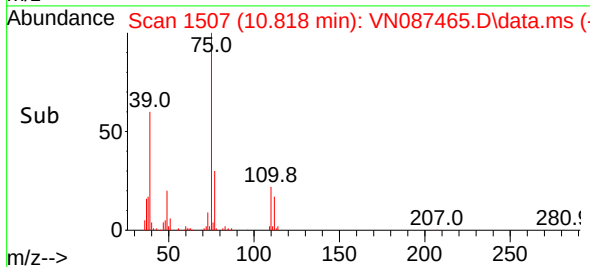
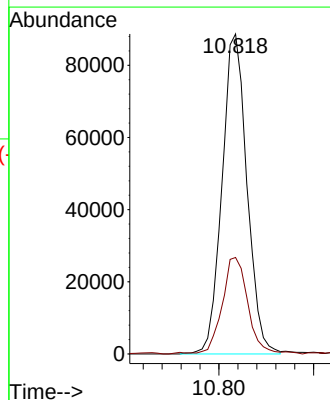
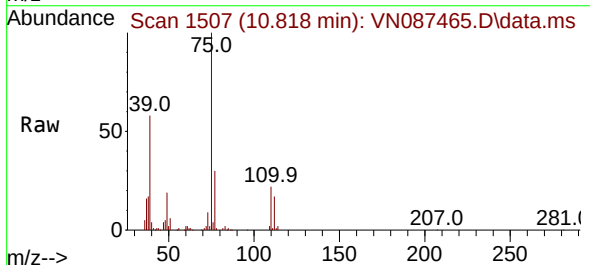
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

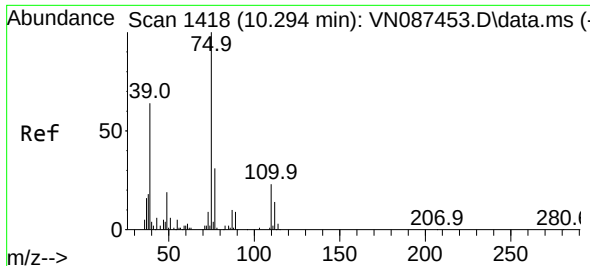
Tgt Ion: 43 Resp: 2143  
Ion Ratio Lower Upper  
43 100  
55 6.3 4.6 6.8



#48  
t-1,3-Dichloropropene  
Concen: 20.009 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 75 Resp: 162195  
Ion Ratio Lower Upper  
75 100  
77 29.7 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 19.660 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VN087465.D

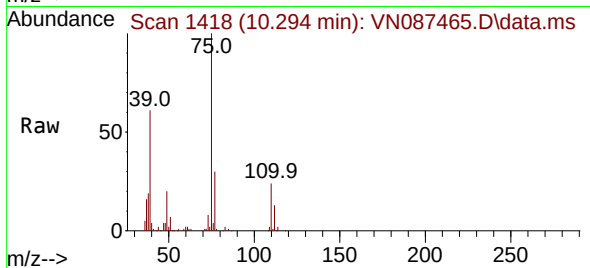
Acq: 05 Aug 2025 18:56

Instrument :

MSVOA\_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD



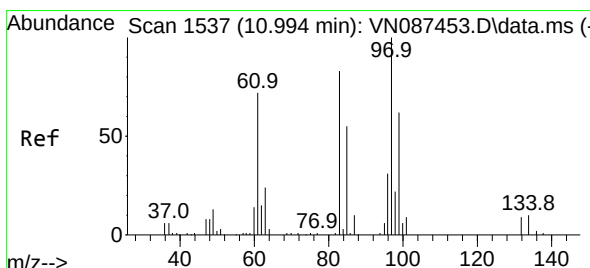
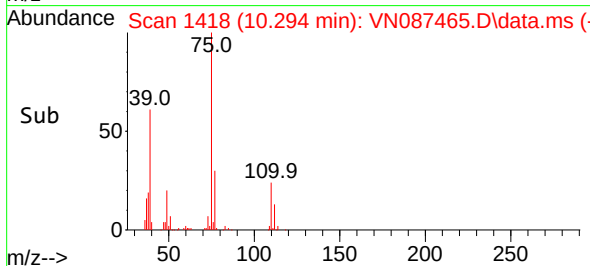
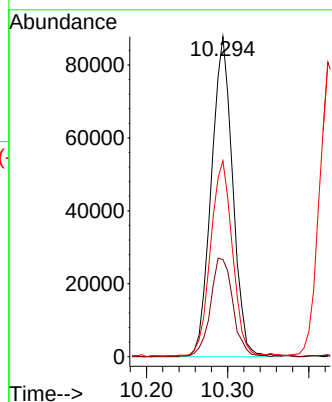
Tgt Ion: 75 Resp: 160379

Ion Ratio Lower Upper

75 100

77 30.2 24.6 36.8

39 60.7 51.5 77.3



#50

1,1,2-Trichloroethane

Concen: 20.690 ug/l

RT: 11.000 min Scan# 1538

Delta R.T. 0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Tgt Ion: 97 Resp: 93732

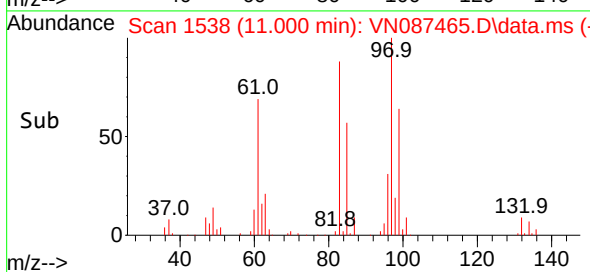
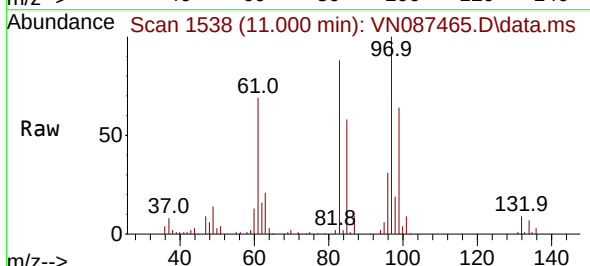
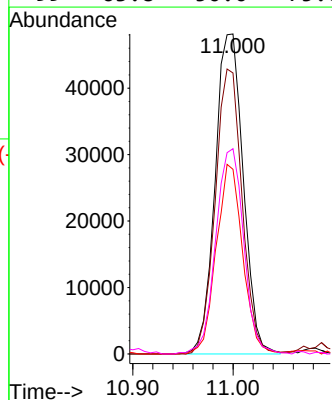
Ion Ratio Lower Upper

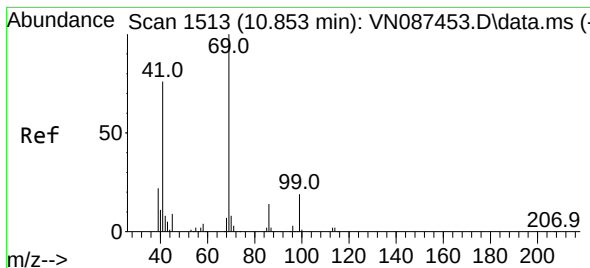
97 100

83 87.5 66.2 99.2

85 57.7 43.9 65.9

99 63.8 50.0 75.0

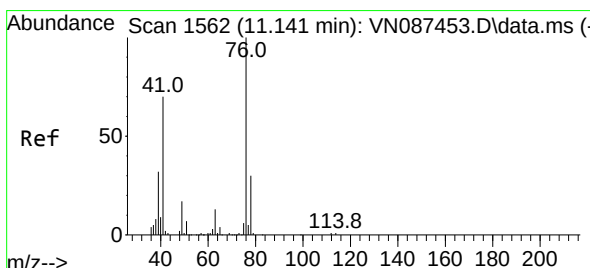
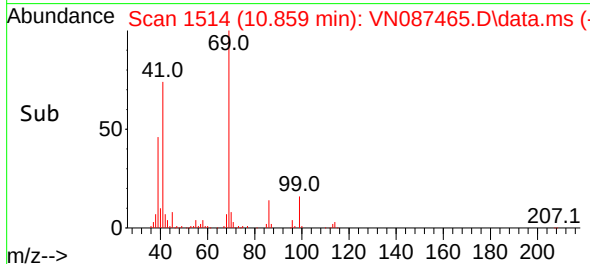
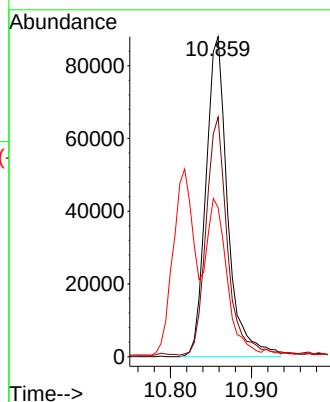
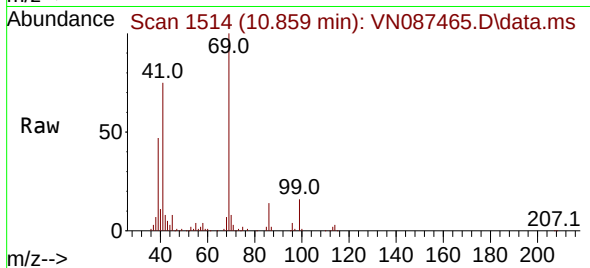




#51  
Ethyl methacrylate  
Concen: 20.525 ug/l  
RT: 10.859 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

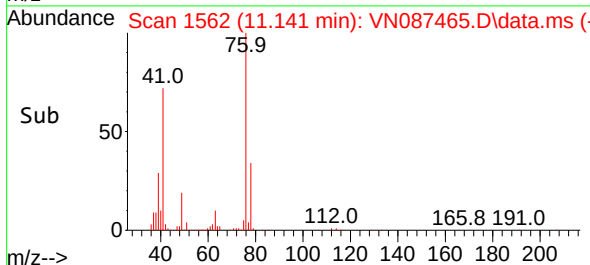
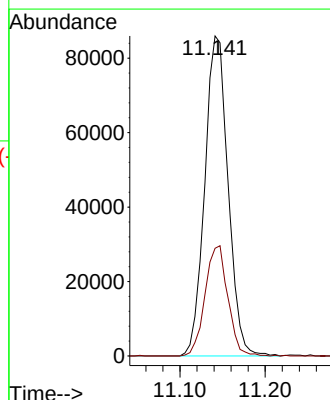
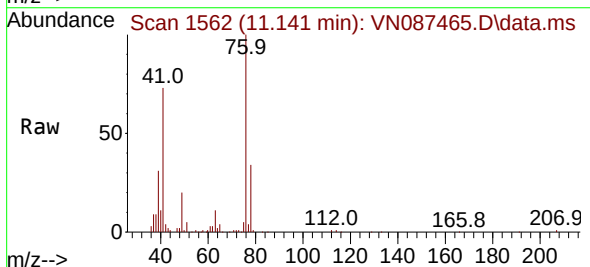
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

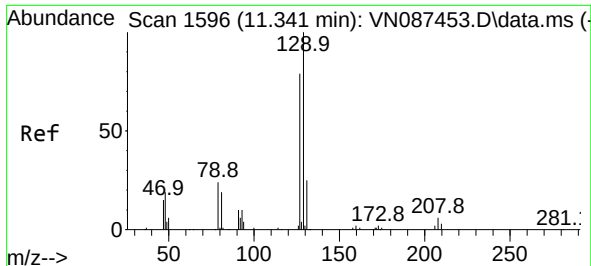
Tgt Ion: 69 Resp: 163762  
Ion Ratio Lower Upper  
69 100  
41 74.4 38.0 114.1  
39 45.4 23.2 69.5



#52  
1,3-Dichloropropane  
Concen: 20.041 ug/l  
RT: 11.141 min Scan# 1562  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 76 Resp: 163568  
Ion Ratio Lower Upper  
76 100  
78 33.5 0.0 63.0

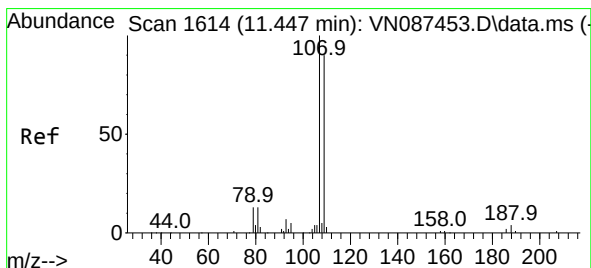
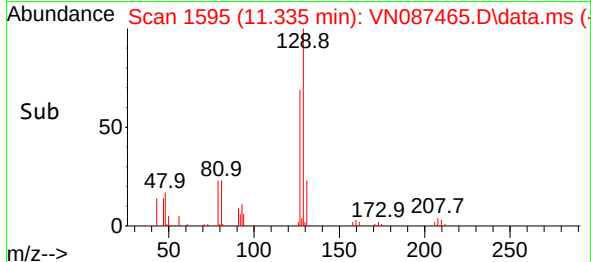
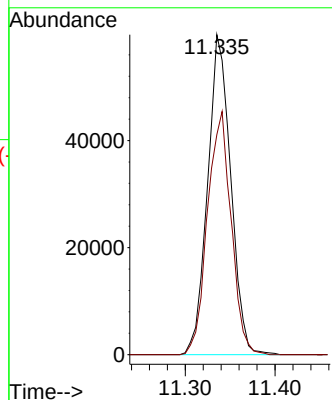
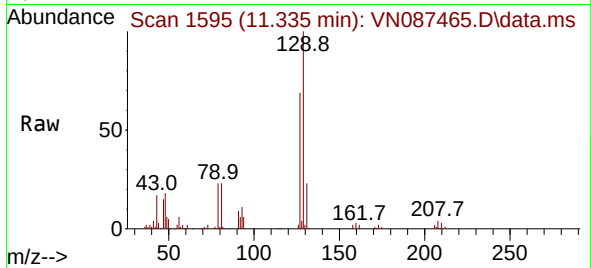




#53  
Dibromochloromethane  
Concen: 20.472 ug/l  
RT: 11.335 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

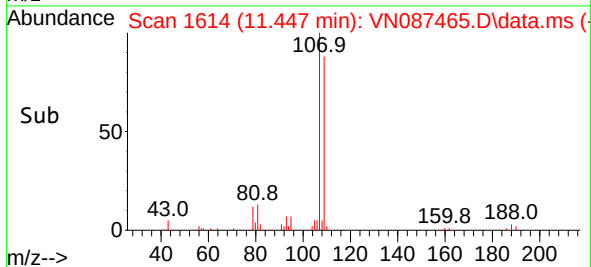
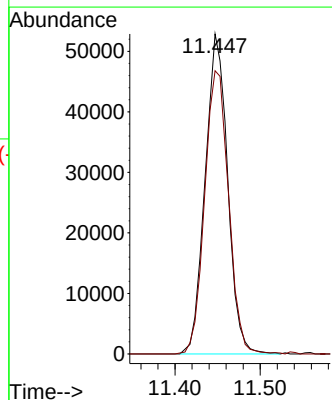
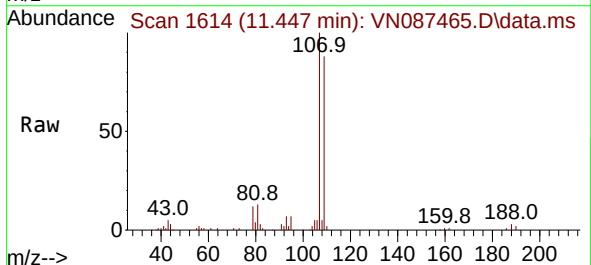
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

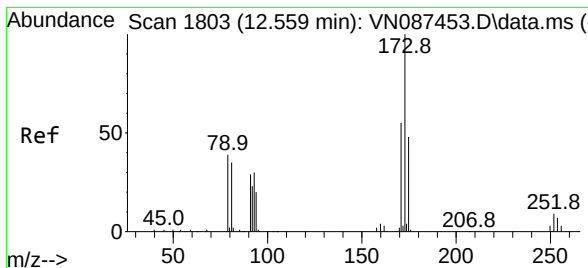
Tgt Ion:129 Resp: 107106  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.1 117.3



#54  
1,2-Dibromoethane  
Concen: 20.144 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion:107 Resp: 96878  
Ion Ratio Lower Upper  
107 100  
109 94.0 74.2 111.4





#56

Bromoform

Concen: 19.670 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087465.D

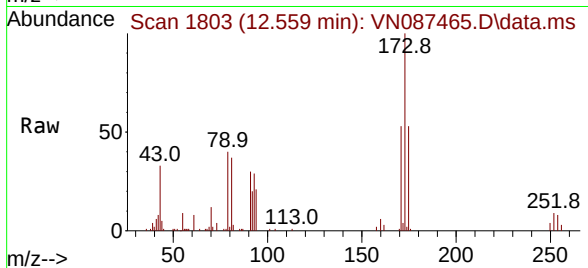
Acq: 05 Aug 2025 18:56

Instrument :

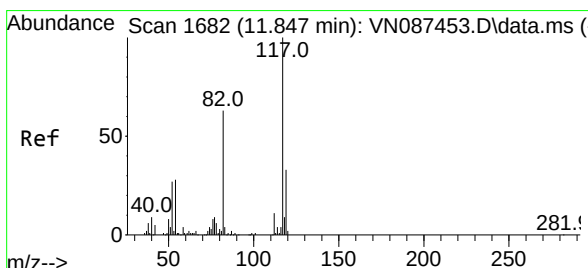
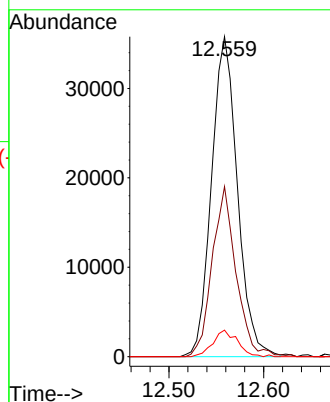
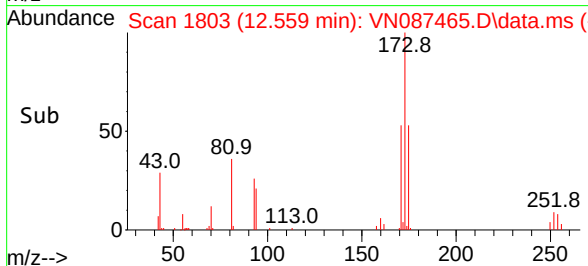
MSVOA\_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 68070 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.1  | 38.8  | 58.2  |
| 254       | 7.8   | 3.9   | 5.9   |



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

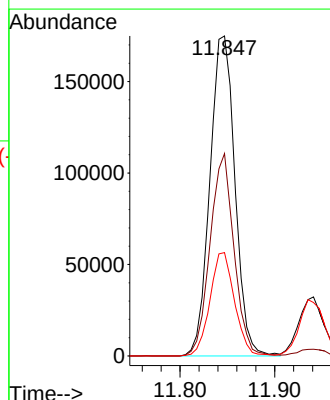
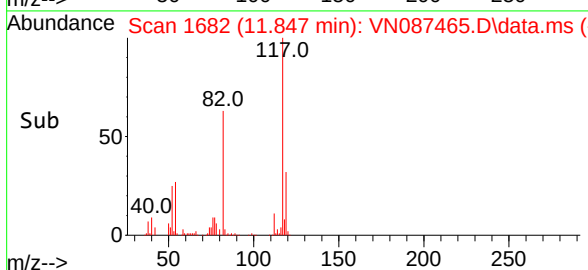
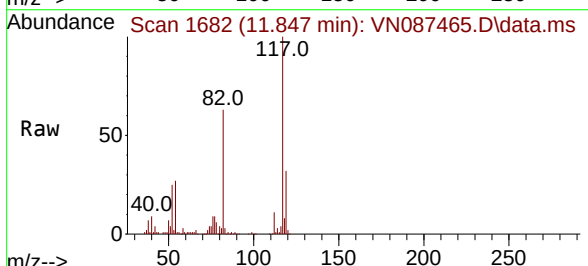
RT: 11.847 min Scan# 1682

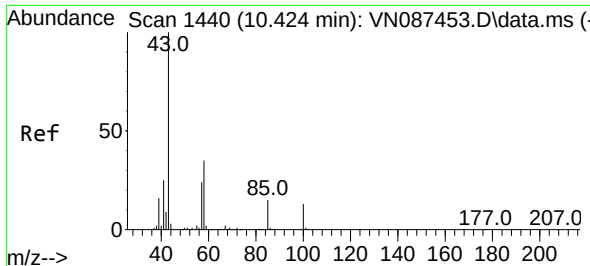
Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 321655 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 60.5  | 49.2  | 73.8   |
| 119       | 31.7  | 25.7  | 38.5   |

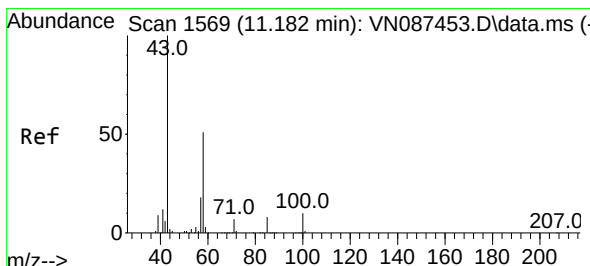
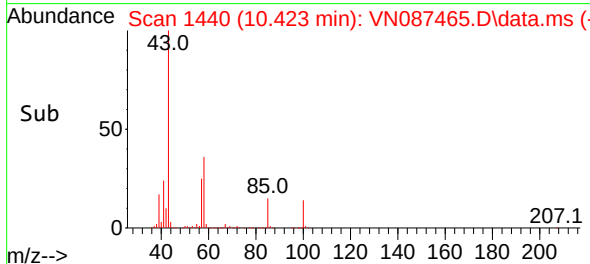
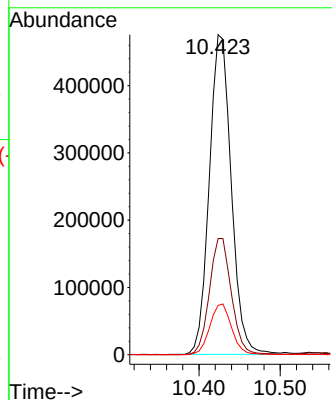
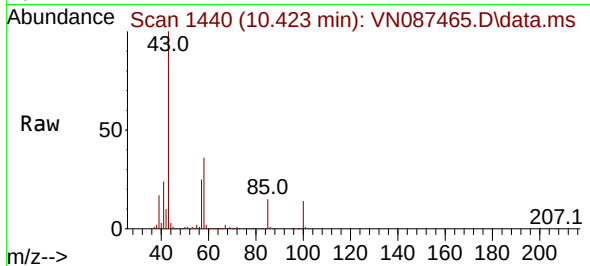




#58  
4-Methyl-2-Pentanone  
Concen: 107.904 ug/l  
RT: 10.423 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

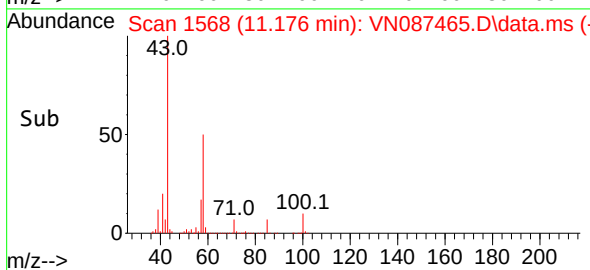
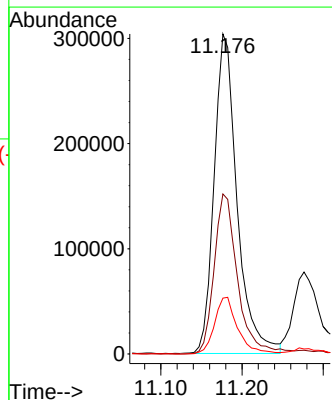
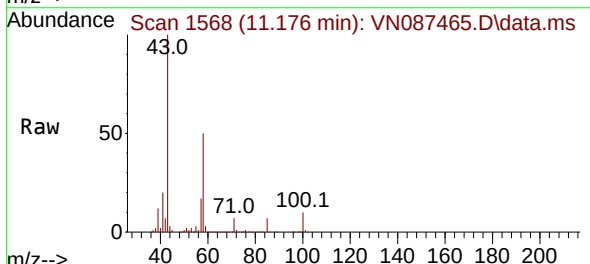
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 892848 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 36.4  | 29.0  | 43.6   |
| 85       | 15.7  | 12.7  | 19.1   |

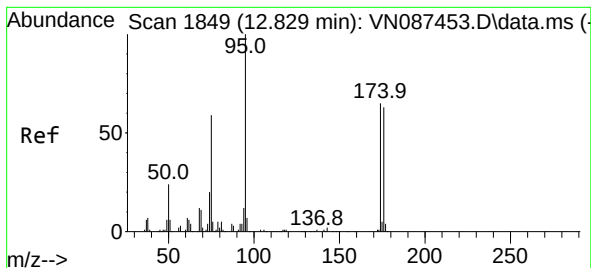


#59  
2-Hexanone  
Concen: 106.178 ug/l  
RT: 11.176 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 596944 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 51.2  | 41.0  | 61.6   |
| 57       | 17.6  | 14.6  | 21.8   |



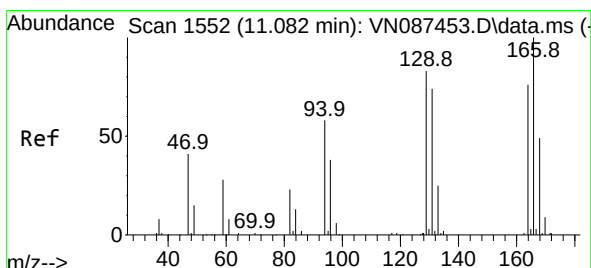
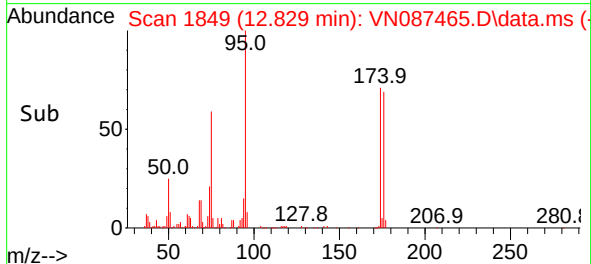
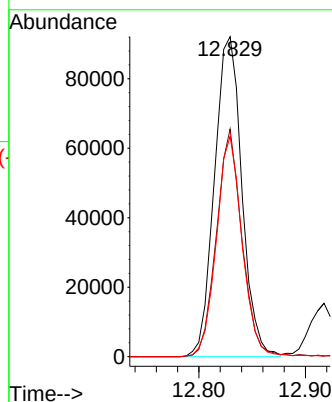
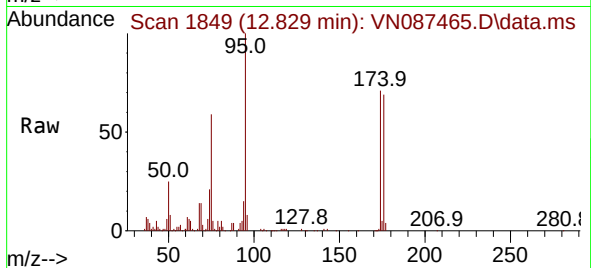




#60  
4-Bromofluorobenzene  
Concen: 29.724 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

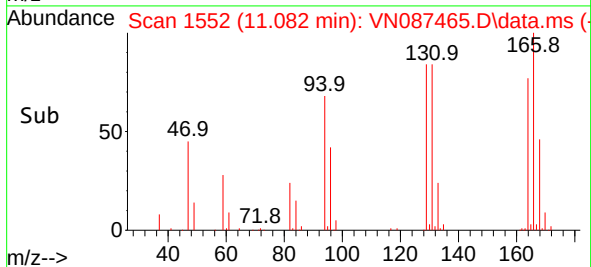
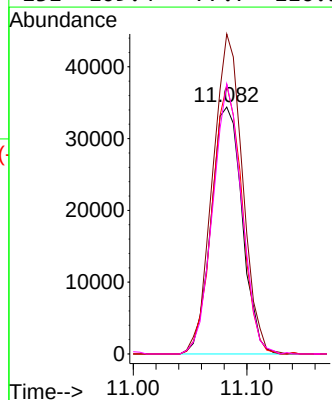
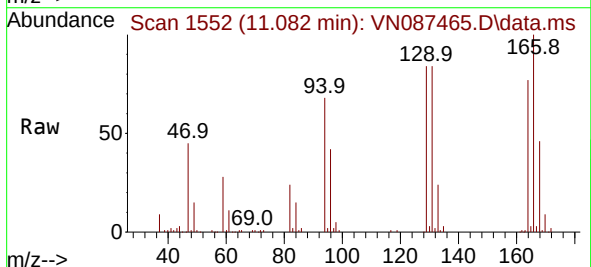
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

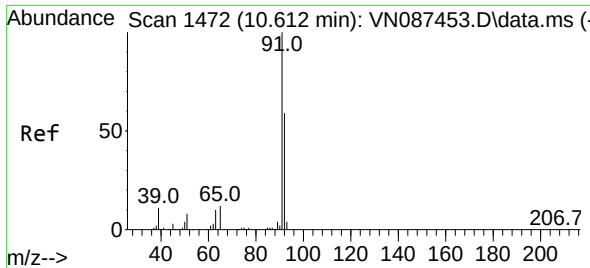
Tgt Ion: 95 Resp: 164537  
Ion Ratio Lower Upper  
95 100  
174 65.9 52.3 78.5  
176 64.4 49.8 74.8



#61  
Tetrachloroethene  
Concen: 20.828 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion:164 Resp: 65268  
Ion Ratio Lower Upper  
164 100  
166 129.6 105.4 158.0  
129 108.9 87.7 131.5  
131 109.4 77.7 116.5

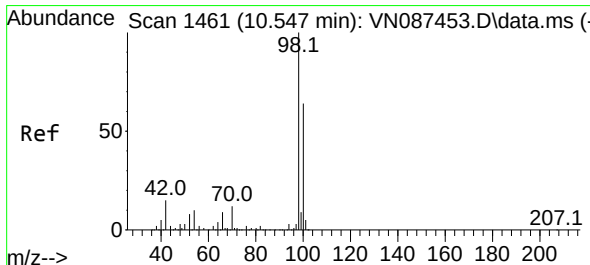
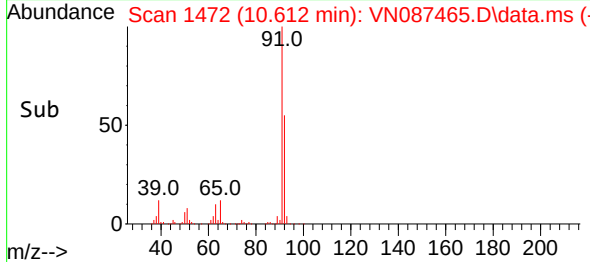
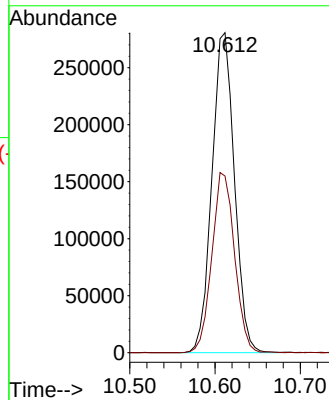
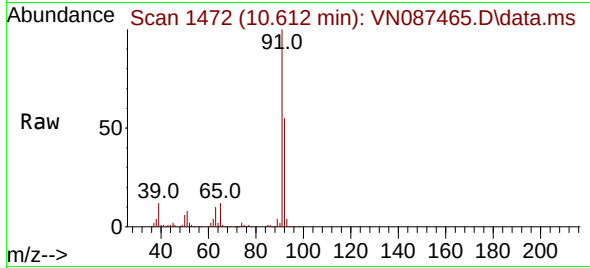




#62  
Toluene  
Concen: 25.956 ug/l  
RT: 10.612 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

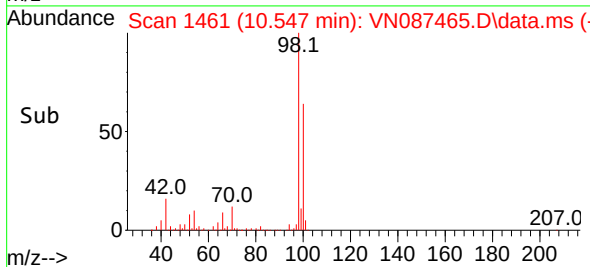
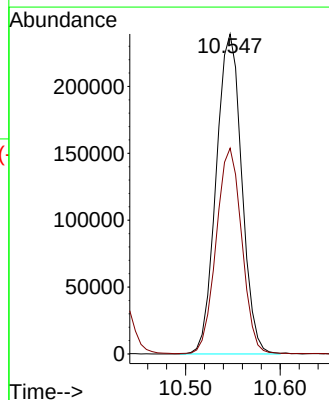
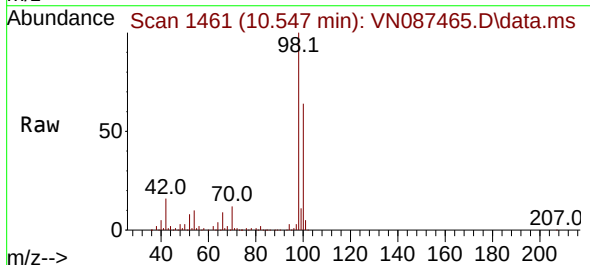
Instrument : MSVOA\_N  
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD

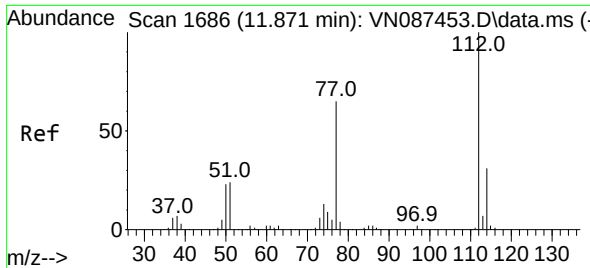
Tgt Ion: 91 Resp: 515298  
Ion Ratio Lower Upper  
91 100  
92 56.7 45.8 68.6



#63  
Toluene-d8  
Concen: 30.313 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 98 Resp: 448635  
Ion Ratio Lower Upper  
98 100  
100 64.3 50.5 75.7

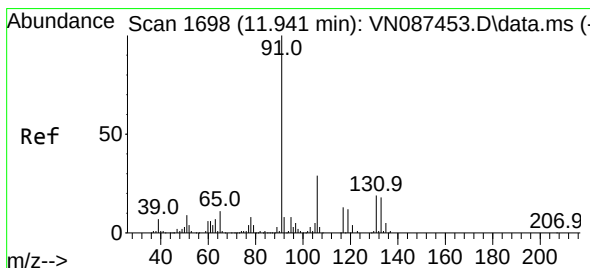
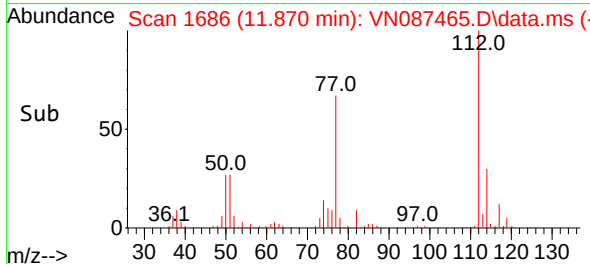
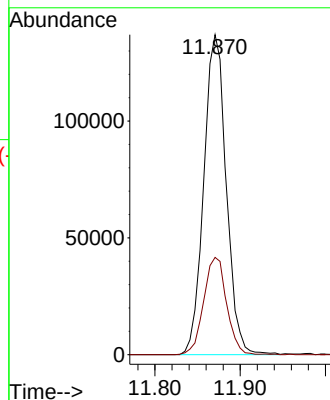
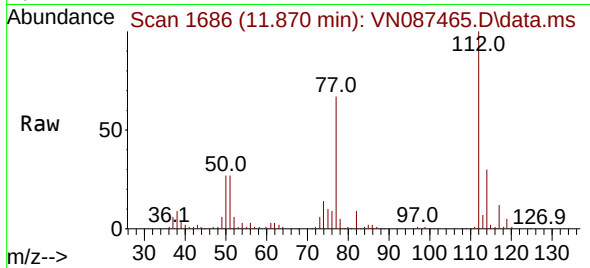




#64  
Chlorobenzene  
Concen: 20.571 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

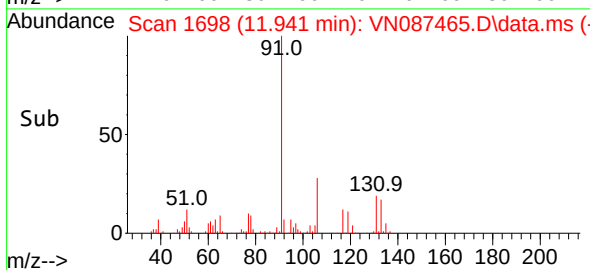
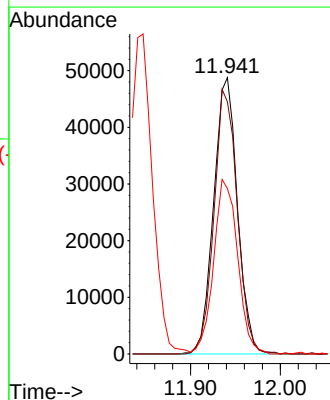
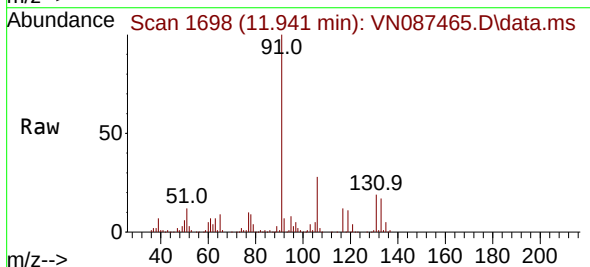
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

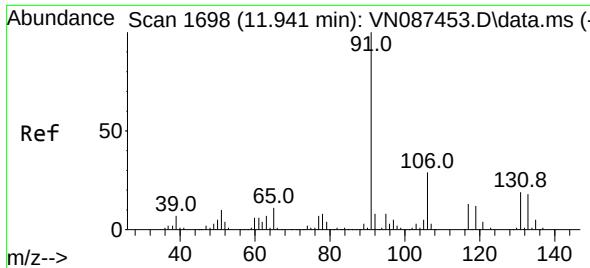
Tgt Ion:112 Resp: 250942  
Ion Ratio Lower Upper  
112 100  
114 30.4 24.7 37.1



#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.880 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion:131 Resp: 89553  
Ion Ratio Lower Upper  
131 100  
133 94.0 0.0 189.8  
119 63.8 0.0 133.2

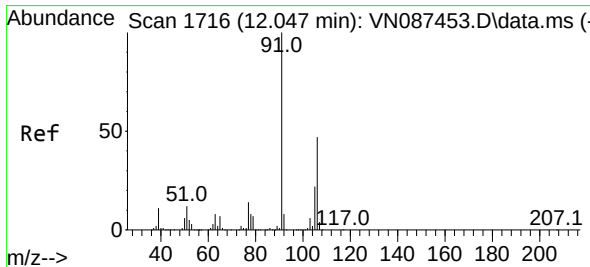
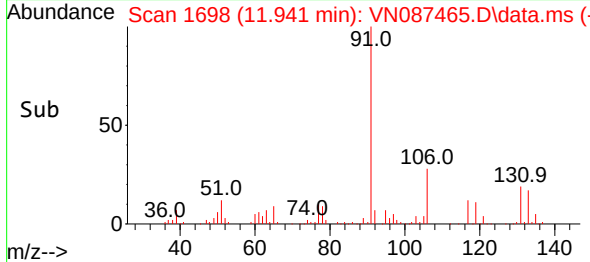
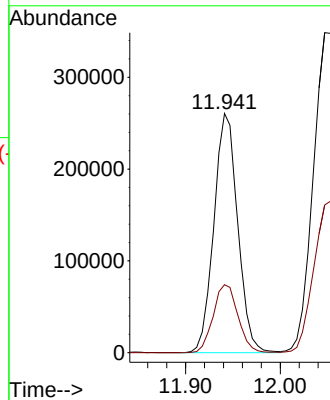
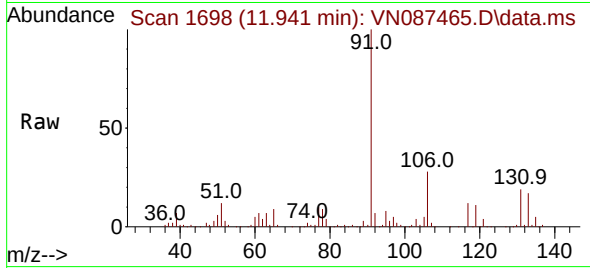




#66  
Ethyl Benzene  
Concen: 20.600 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

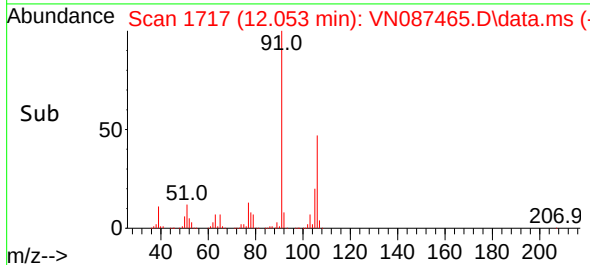
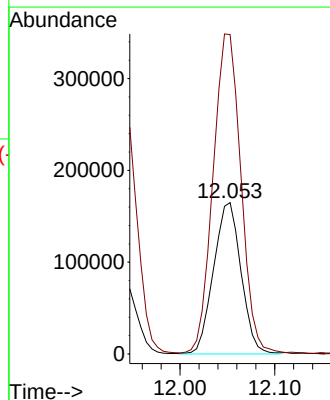
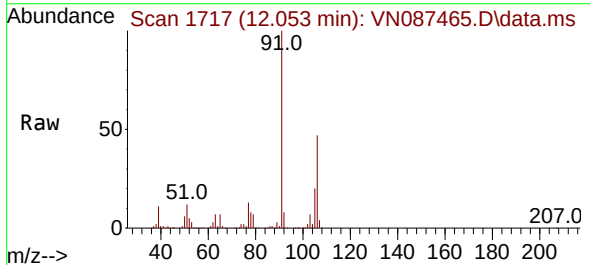
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

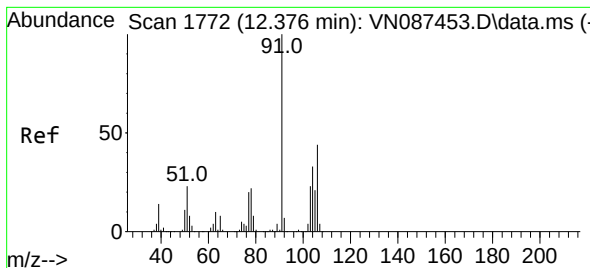
Tgt Ion: 91 Resp: 455815  
Ion Ratio Lower Upper  
91 100  
106 28.4 22.9 34.3



#67  
m/p-Xylenes  
Concen: 40.949 ug/l  
RT: 12.053 min Scan# 1717  
Delta R.T. 0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 106 Resp: 332592  
Ion Ratio Lower Upper  
106 100  
91 212.4 174.2 261.2





#68

o-Xylene

Concen: 20.205 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA\_N

ClientSampleId :

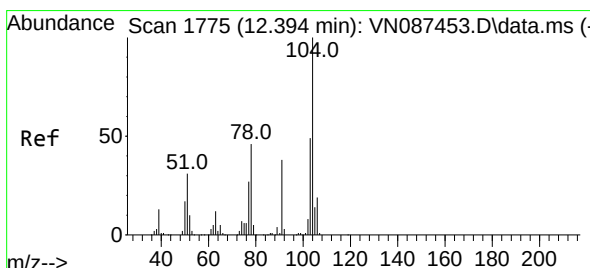
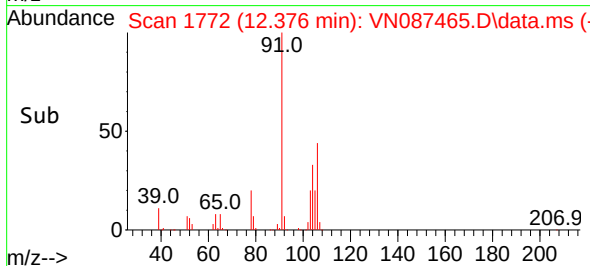
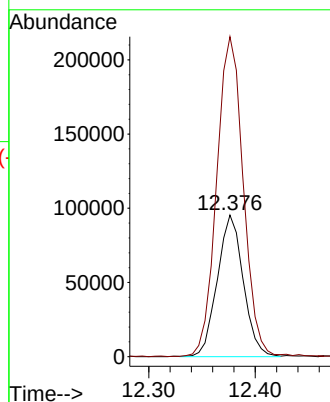
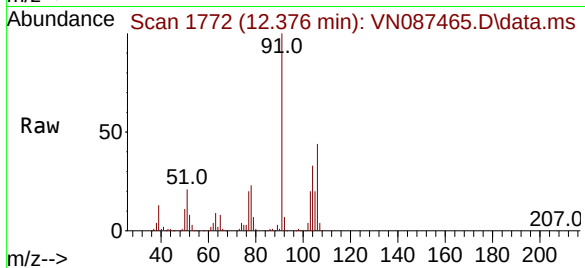
001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:106 Resp: 161451

Ion Ratio Lower Upper

106 100

91 230.8 114.5 343.5



#69

Styrene

Concen: 20.028 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

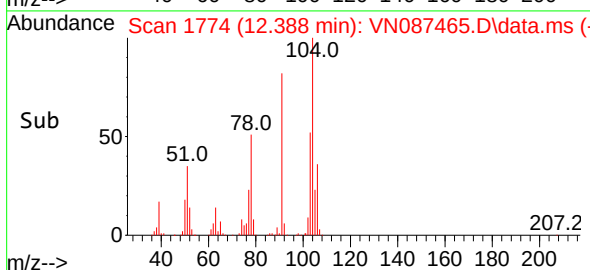
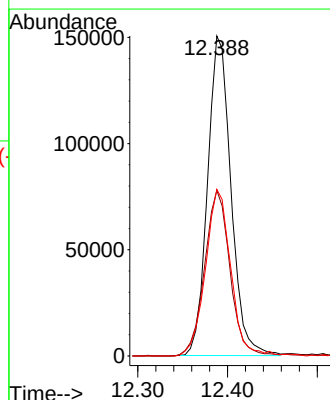
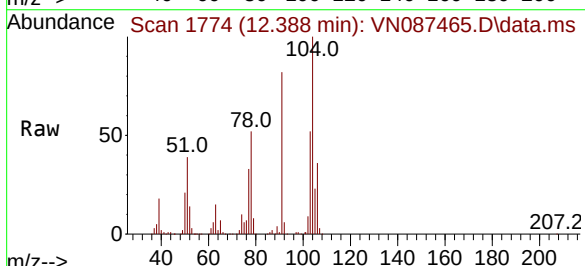
Tgt Ion:104 Resp: 273254

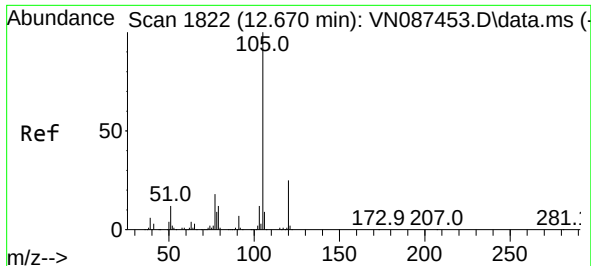
Ion Ratio Lower Upper

104 100

78 56.0 43.8 65.8

103 56.1 43.1 64.7

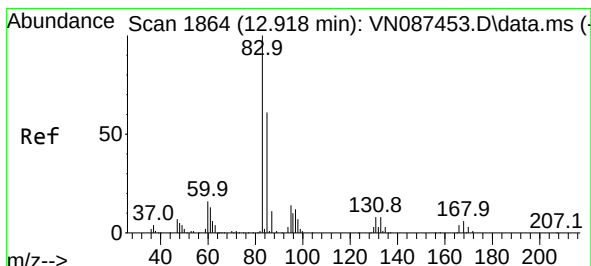
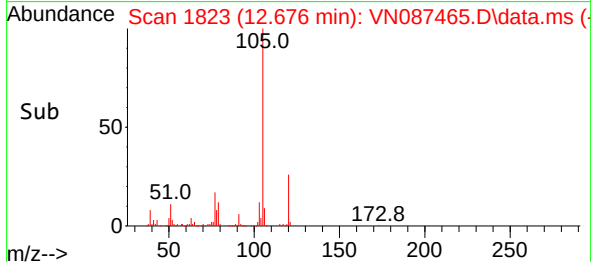
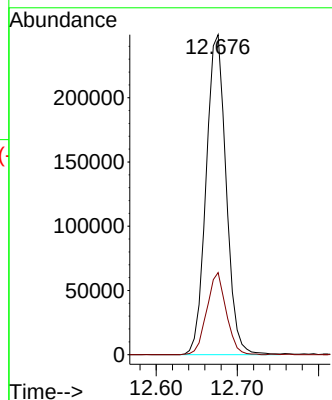
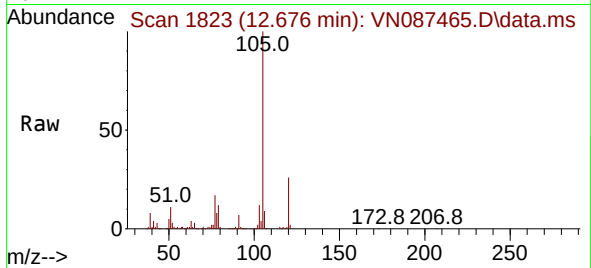




#70  
Isopropylbenzene  
Concen: 20.991 ug/l  
RT: 12.676 min Scan# 1822  
Delta R.T. 0.006 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

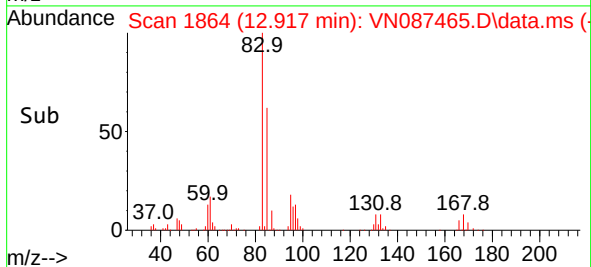
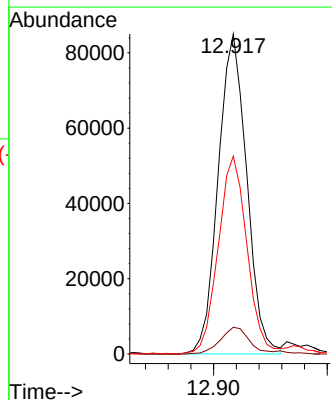
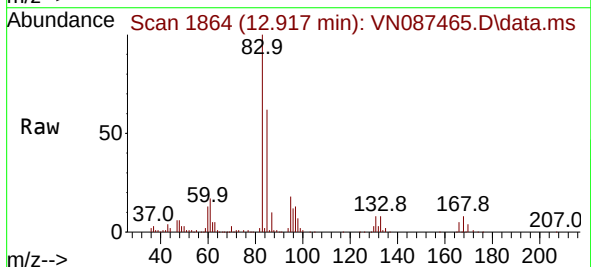
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

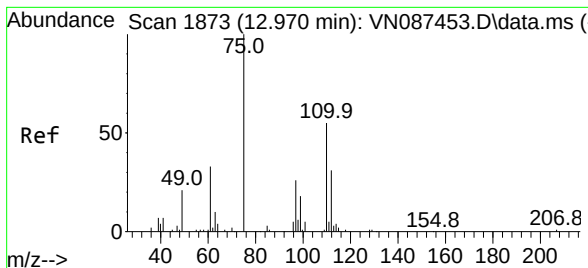
Tgt Ion:105 Resp: 426125  
Ion Ratio Lower Upper  
105 100  
120 24.8 17.5 32.5



#71  
1,1,2,2-Tetrachloroethane  
Concen: 21.337 ug/l  
RT: 12.917 min Scan# 1864  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 83 Resp: 148411  
Ion Ratio Lower Upper  
83 100  
131 8.4 4.8 14.3  
85 62.2 31.7 95.1





#72

1,2,3-Trichloropropane

Concen: 30.356 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA\_N

ClientSampleId :

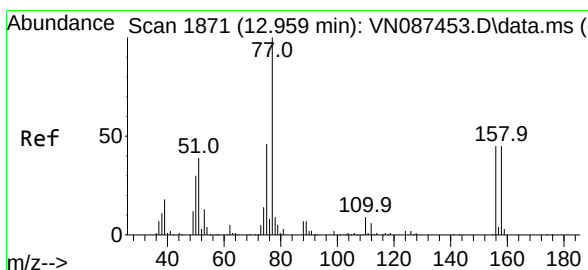
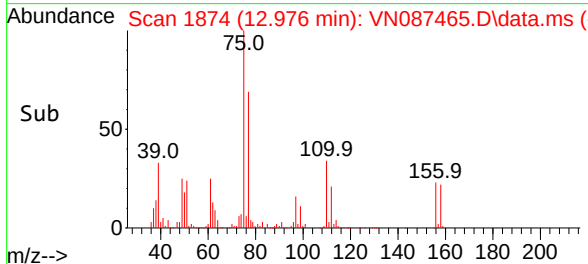
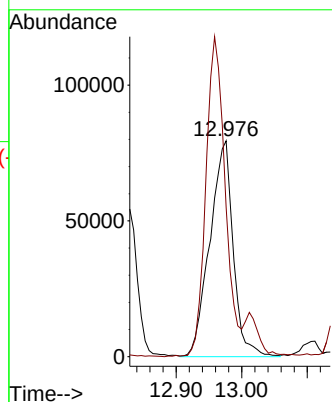
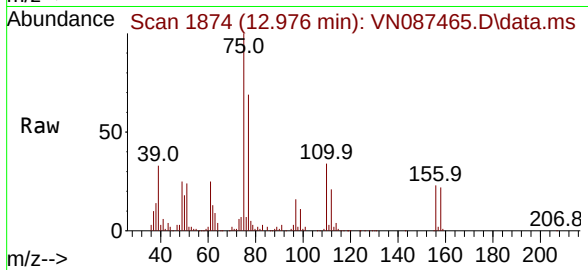
001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 75 Resp: 196700

Ion Ratio Lower Upper

75 100

77 121.9 0.0 385.0



#73

Bromobenzene

Concen: 20.219 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

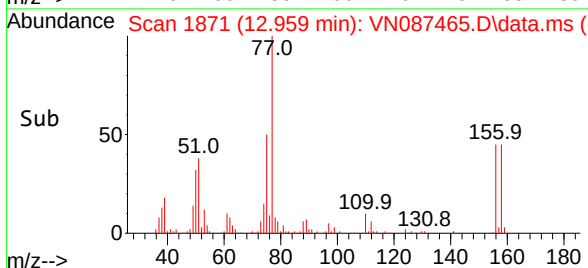
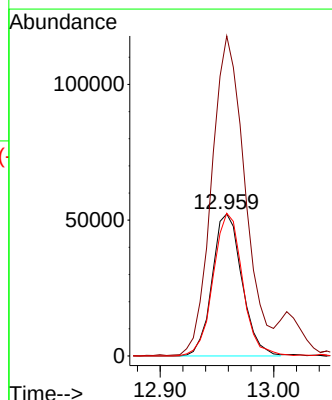
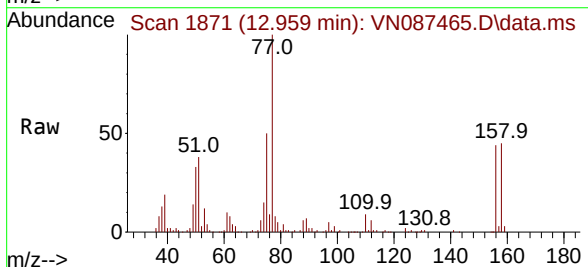
Tgt Ion:156 Resp: 95153

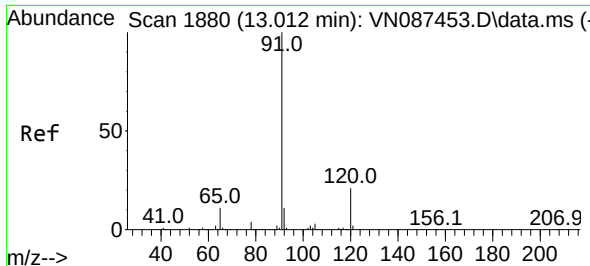
Ion Ratio Lower Upper

156 100

77 251.9 0.0 506.6

158 99.1 0.0 193.6

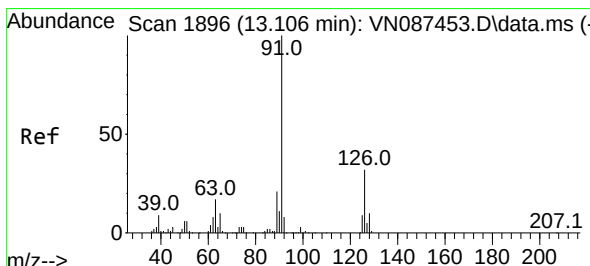
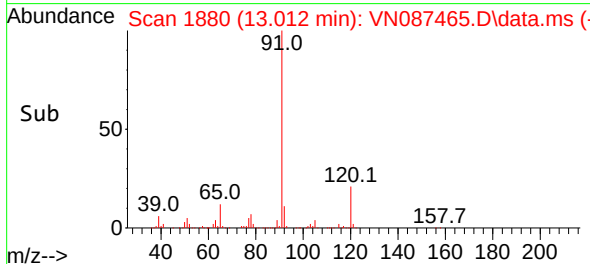
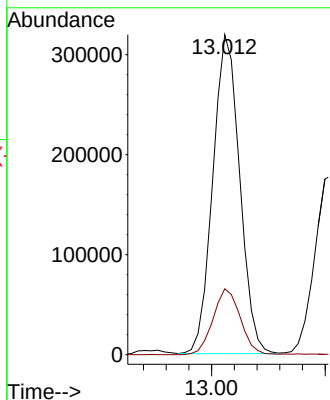
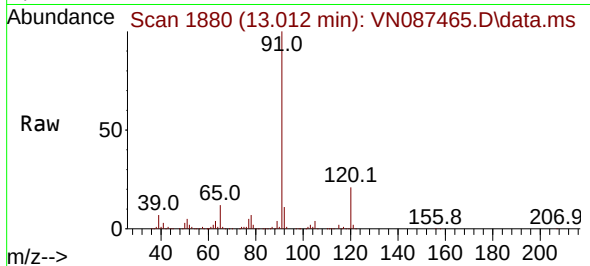




#74  
n-propylbenzene  
Concen: 20.656 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

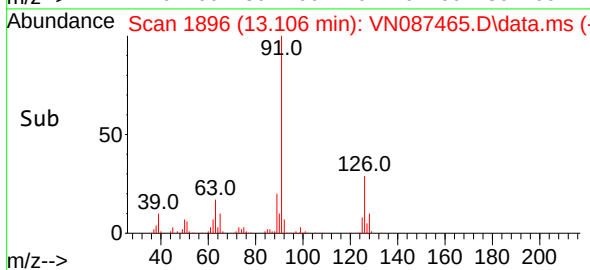
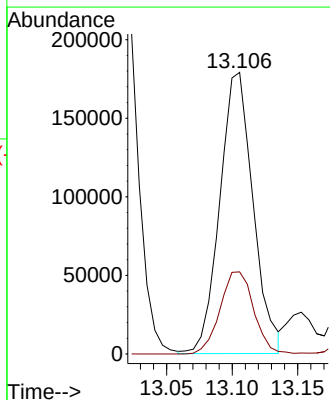
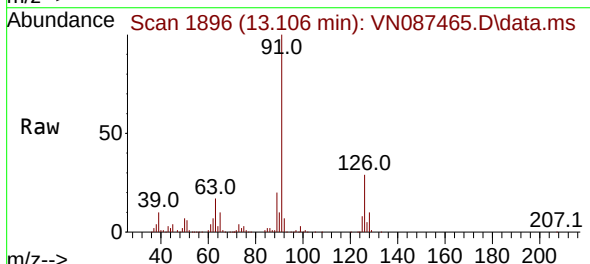
Instrument : MSVOA\_N  
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 91 Resp: 523707  
Ion Ratio Lower Upper  
91 100  
120 21.0 0.0 41.8

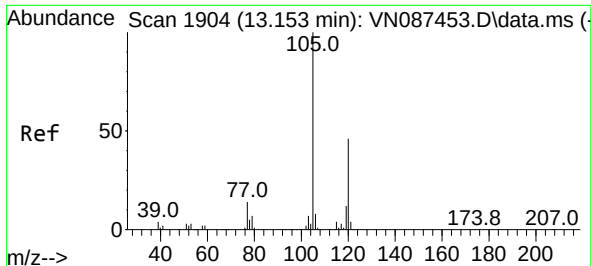


#75  
2-Chlorotoluene  
Concen: 20.296 ug/l  
RT: 13.106 min Scan# 1896  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 91 Resp: 316527  
Ion Ratio Lower Upper  
91 100  
126 29.5 0.0 60.4



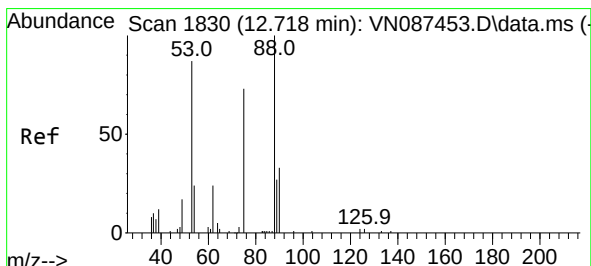
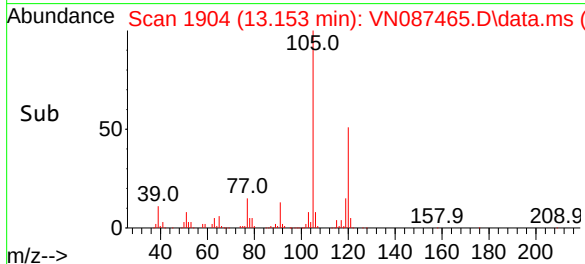
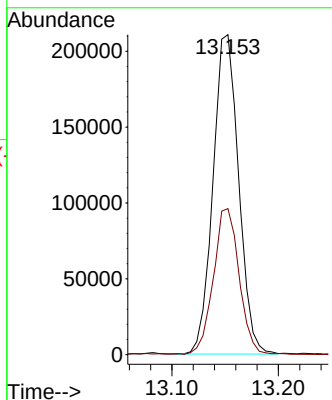
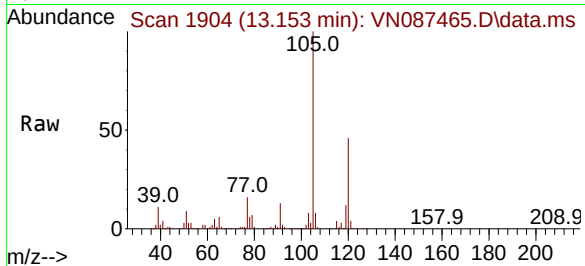




#76  
1,3,5-Trimethylbenzene  
Concen: 20.236 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

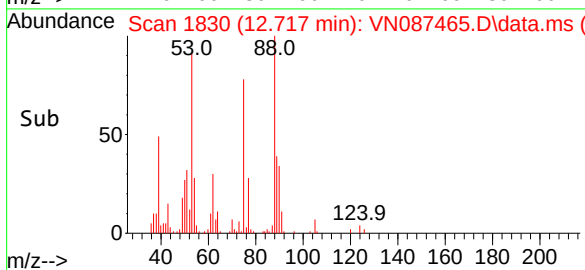
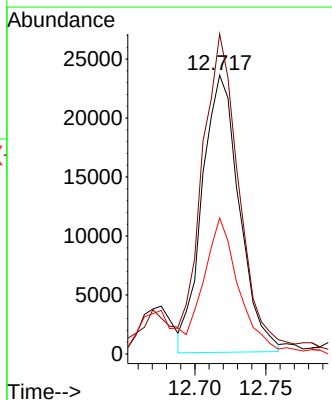
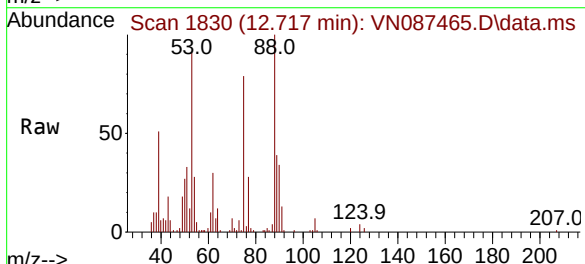
Instrument :  
MSVOA\_N  
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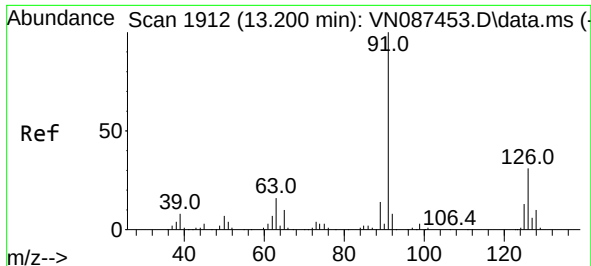
Tgt Ion:105 Resp: 351735  
Ion Ratio Lower Upper  
105 100  
120 45.5 0.0 91.2



#77  
t-1,4-Dichloro-2-butene  
Concen: 17.462 ug/l  
RT: 12.717 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 75 Resp: 42832  
Ion Ratio Lower Upper  
75 100  
53 113.5 59.0 176.8  
89 48.7 22.1 66.5

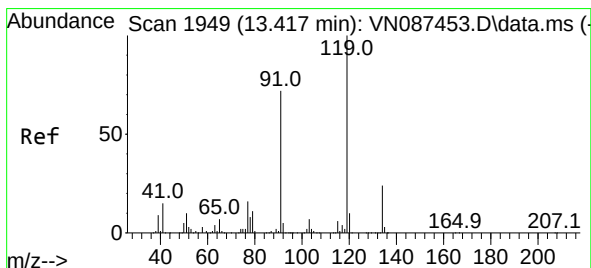
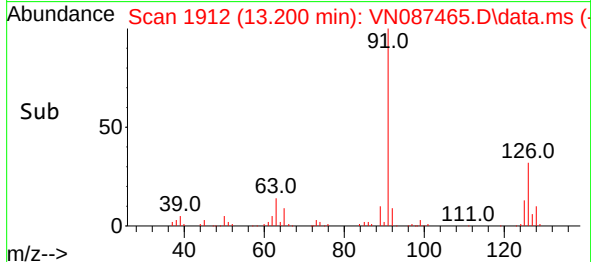
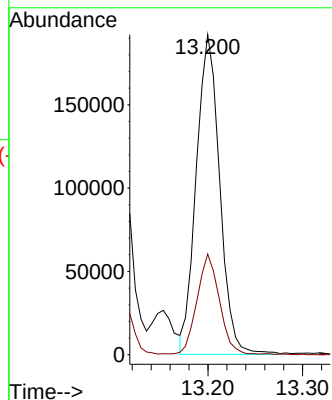
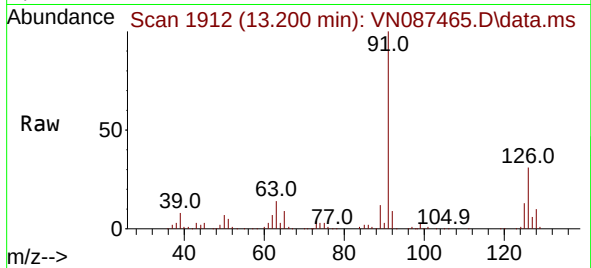




#78  
4-Chlorotoluene  
Concen: 20.900 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

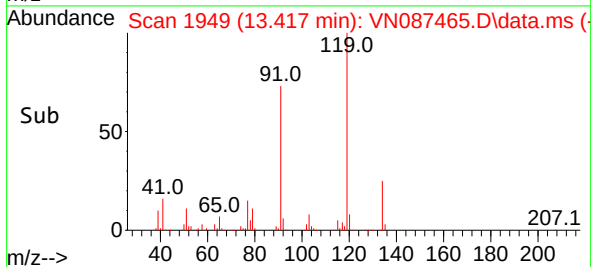
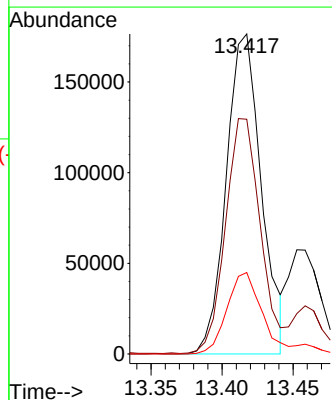
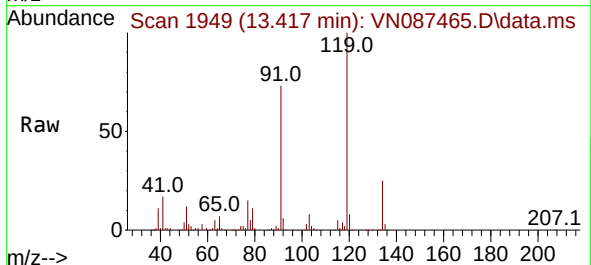
Instrument :  
MSVOA\_N  
ClientSampleId :  
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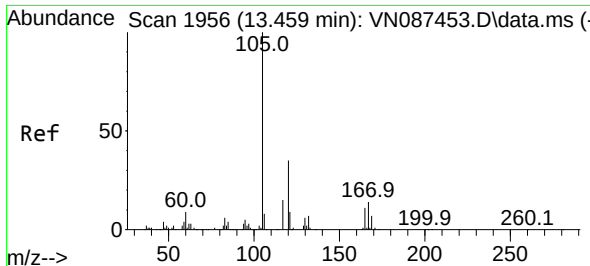
Tgt Ion: 91 Resp: 330308  
Ion Ratio Lower Upper  
91 100  
126 30.1 0.0 63.2



#79  
tert-butylbenzene  
Concen: 20.728 ug/l  
RT: 13.417 min Scan# 1949  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 119 Resp: 303771  
Ion Ratio Lower Upper  
119 100  
91 72.4 0.0 141.6  
134 25.0 0.0 45.6

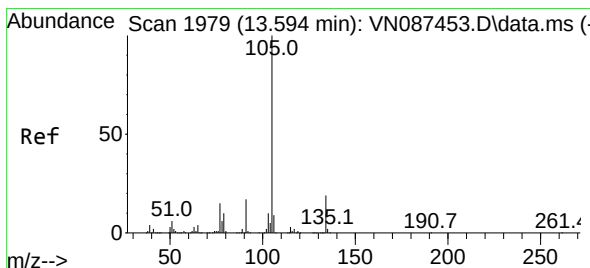
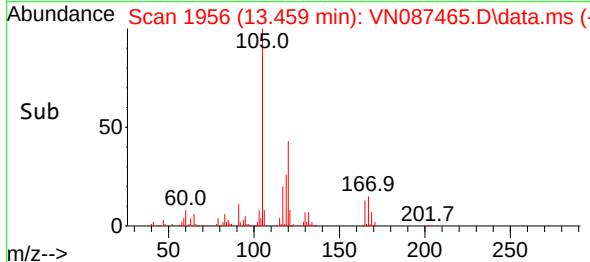
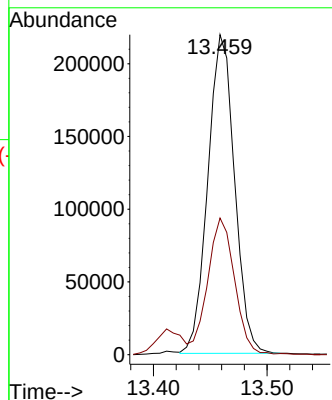
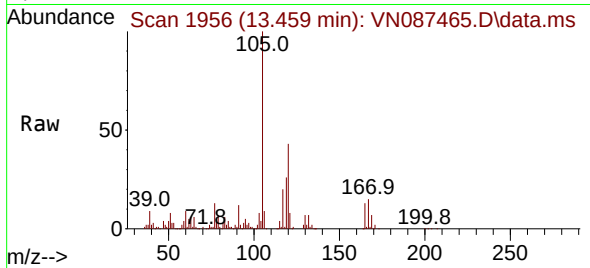




#80  
1,2,4-Trimethylbenzene  
Concen: 20.602 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

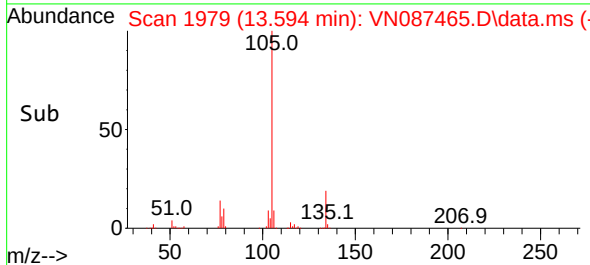
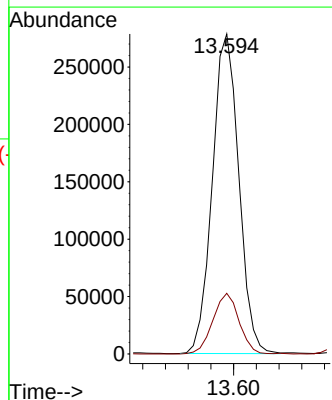
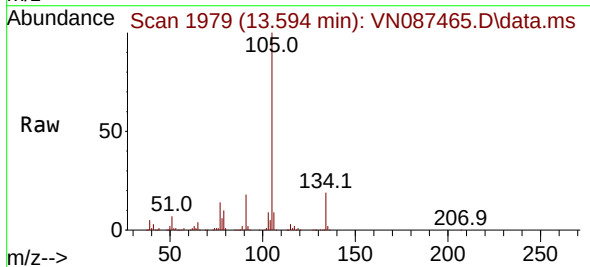
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

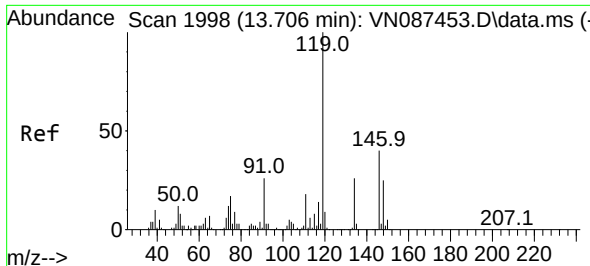
Tgt Ion:105 Resp: 357826  
Ion Ratio Lower Upper  
105 100  
120 43.1 0.0 87.2



#81  
sec-Butylbenzene  
Concen: 21.085 ug/l  
RT: 13.594 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion:105 Resp: 449832  
Ion Ratio Lower Upper  
105 100  
134 18.8 0.0 37.6

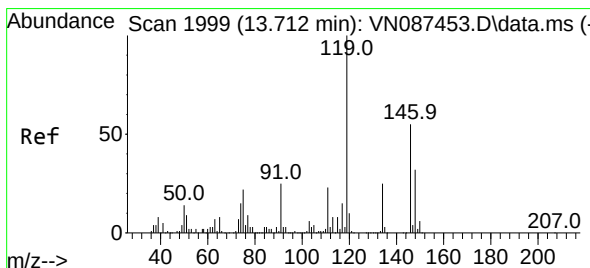
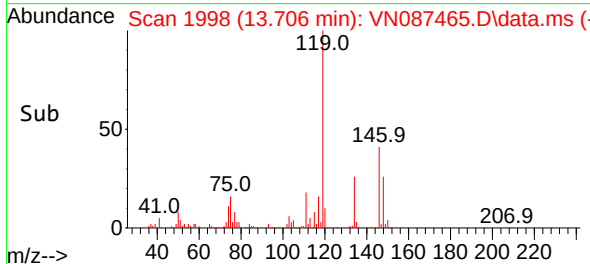
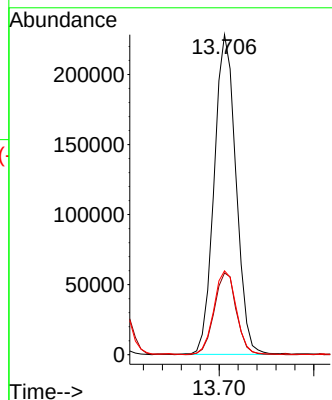
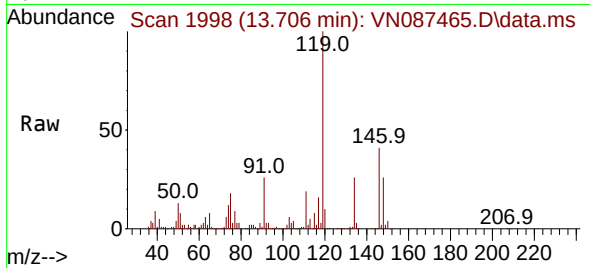




#82  
p-Isopropyltoluene  
Concen: 20.630 ug/l  
RT: 13.706 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

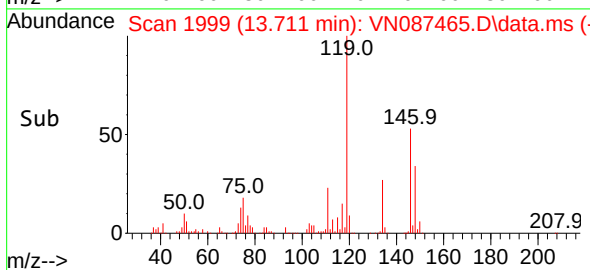
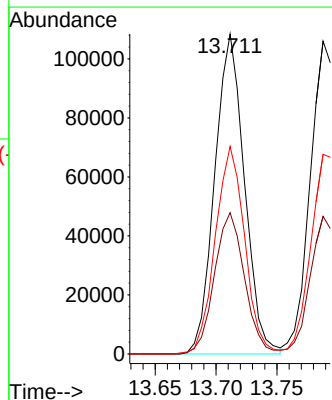
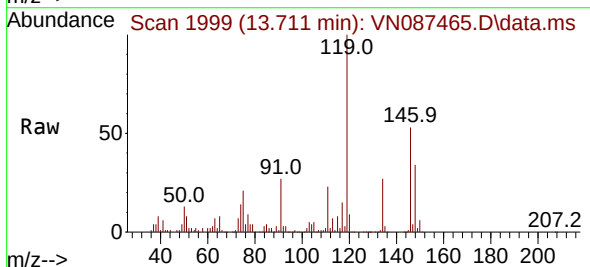
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

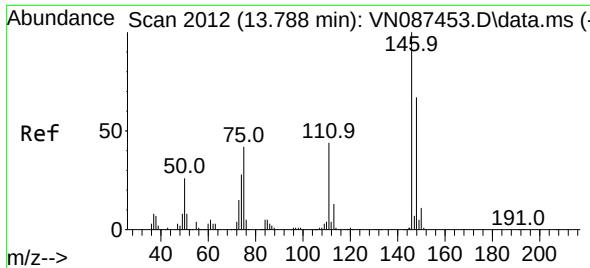
Tgt Ion:119 Resp: 365437  
Ion Ratio Lower Upper  
119 100  
134 25.9 0.0 51.4  
91 26.9 0.0 52.0



#83  
1,3-Dichlorobenzene  
Concen: 20.524 ug/l  
RT: 13.711 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion:146 Resp: 183928  
Ion Ratio Lower Upper  
146 100  
111 44.6 21.9 65.5  
148 64.4 31.3 93.9

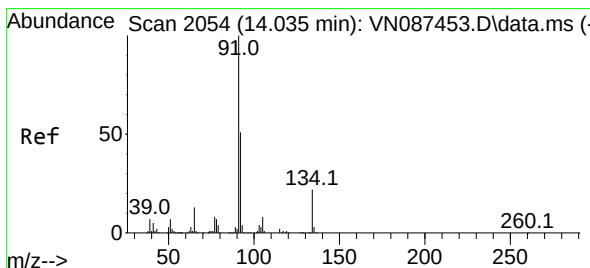
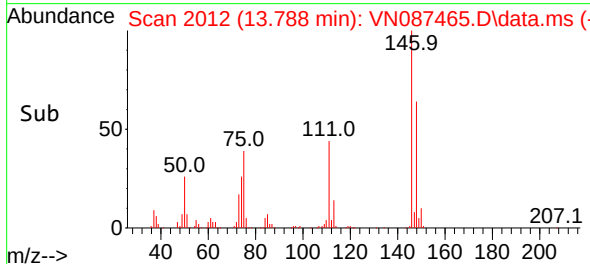
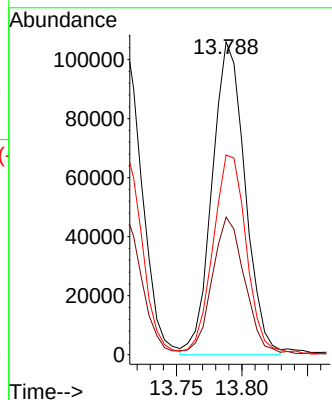
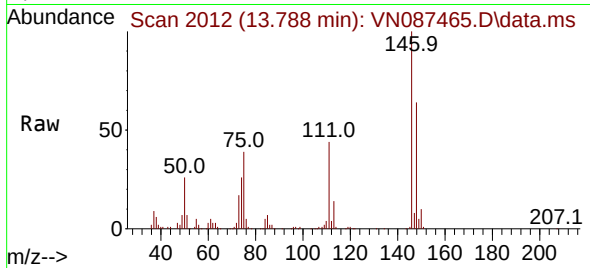




#84  
1,4-Dichlorobenzene  
Concen: 20.341 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

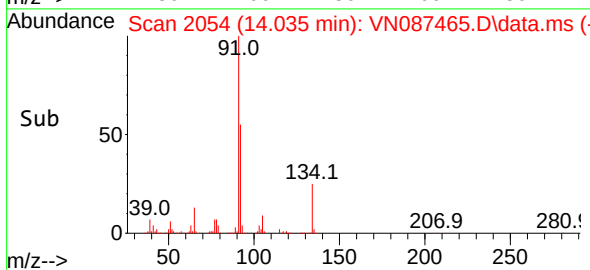
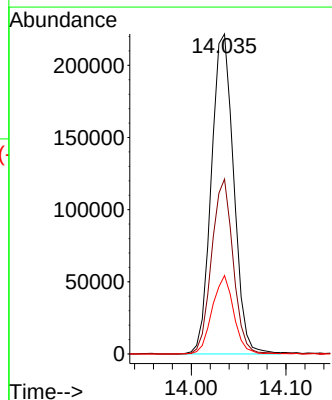
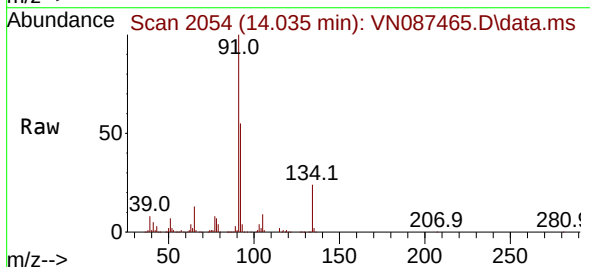
Instrument :  
MSVOA\_N  
ClientSampleId :  
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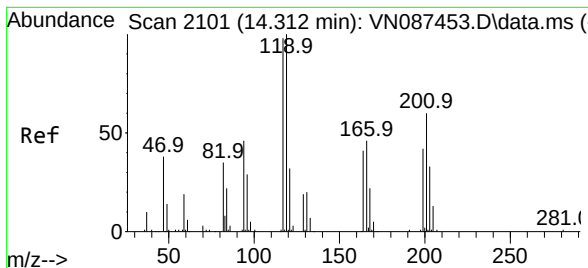
Tgt Ion:146 Resp: 184810  
Ion Ratio Lower Upper  
146 100  
111 43.9 21.1 63.1  
148 65.4 31.4 94.3



#85  
n-Butylbenzene  
Concen: 20.974 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion: 91 Resp: 363506  
Ion Ratio Lower Upper  
91 100  
92 52.6 0.0 106.6  
134 23.3 0.0 44.4





#86

Hexachloroethane

Concen: 20.086 ug/l

RT: 14.306 min Scan# 2101

Delta R.T. -0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA\_N

ClientSampleId :

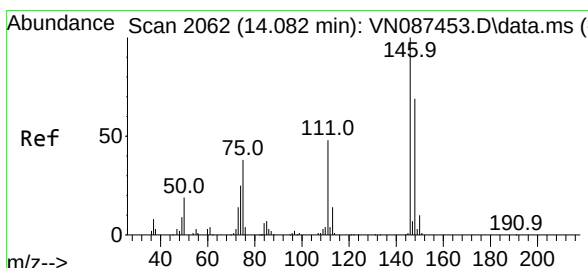
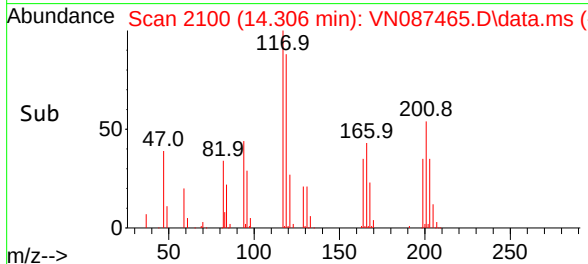
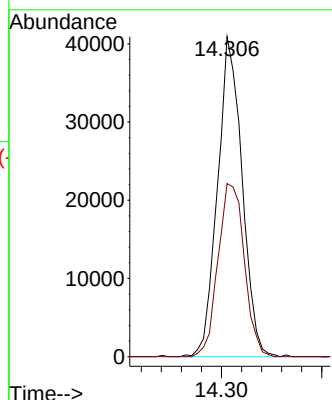
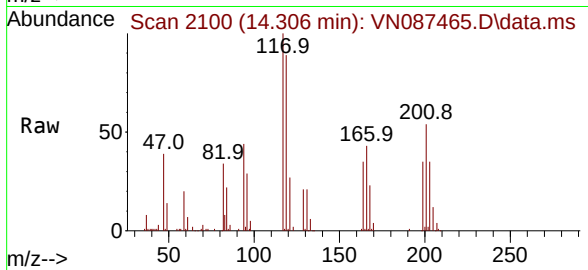
001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:117 Resp: 69483

Ion Ratio Lower Upper

117 100

201 57.9 29.1 87.4



#87

1,2-Dichlorobenzene

Concen: 20.925 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

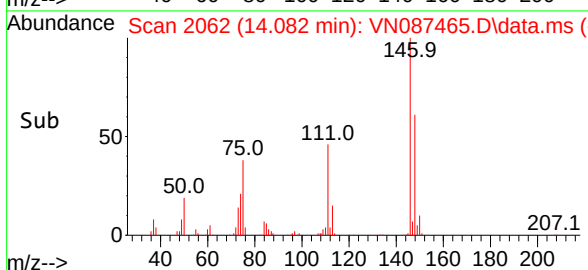
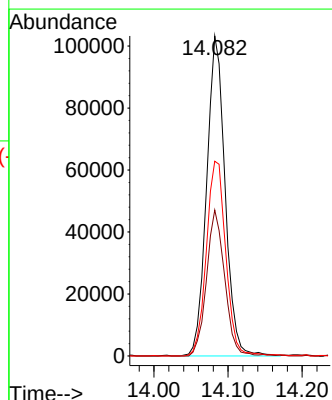
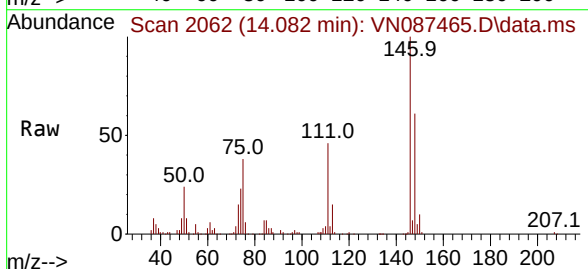
Tgt Ion:146 Resp: 178997

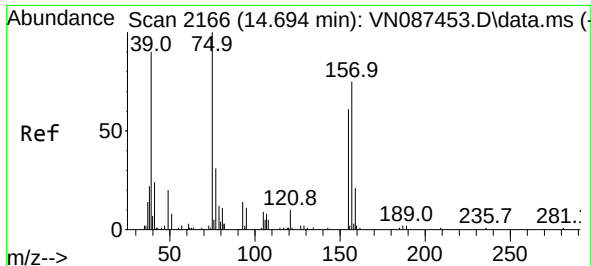
Ion Ratio Lower Upper

146 100

111 44.6 22.9 68.7

148 64.0 31.6 94.7

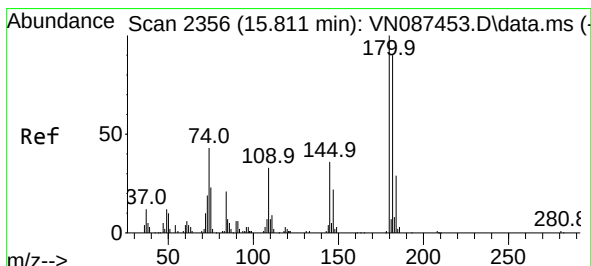
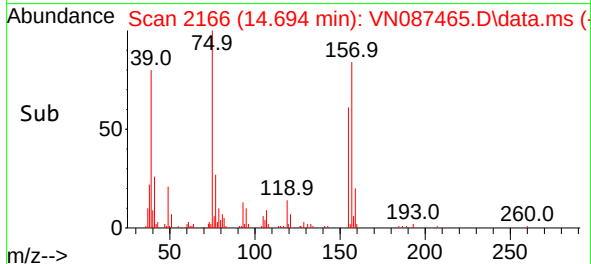
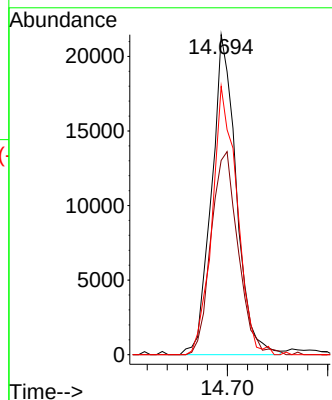
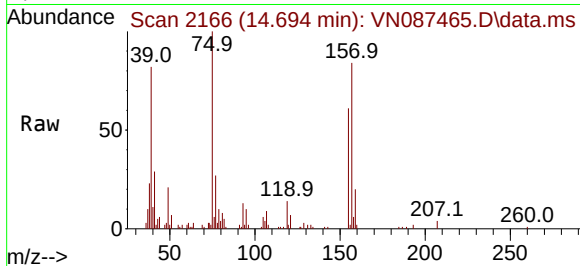




#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.833 ug/l  
 RT: 14.694 min Scan# 2166  
 Delta R.T. -0.000 min  
 Lab File: VN087465.D  
 Acq: 05 Aug 2025 18:56

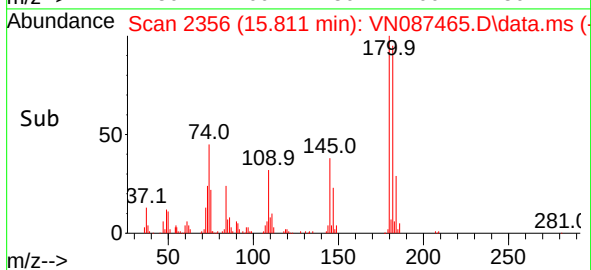
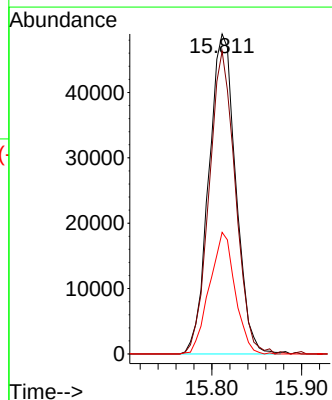
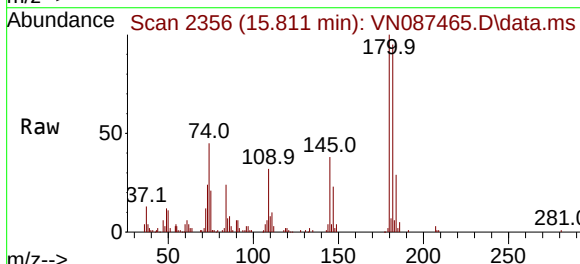
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 001-WILLETS-PT-BLVD(JUNE)MSD

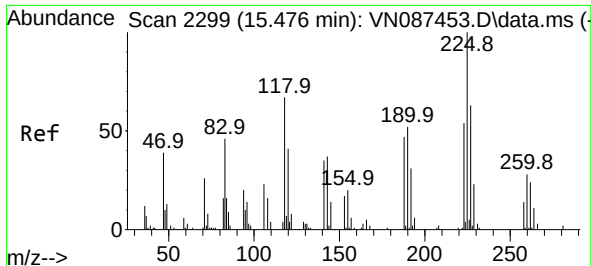
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 36710 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 68.9  | 55.7  | 83.5  |
| 157       | 83.9  | 65.8  | 98.6  |



#89  
 1,2,4-Trichlorobenzene  
 Concen: 19.994 ug/l  
 RT: 15.811 min Scan# 2356  
 Delta R.T. -0.000 min  
 Lab File: VN087465.D  
 Acq: 05 Aug 2025 18:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 102214 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 91.6  | 75.0  | 112.4  |
| 145       | 35.9  | 28.6  | 43.0   |

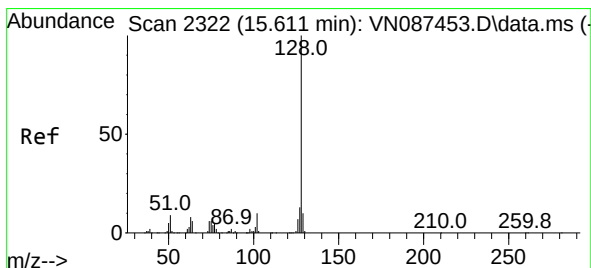
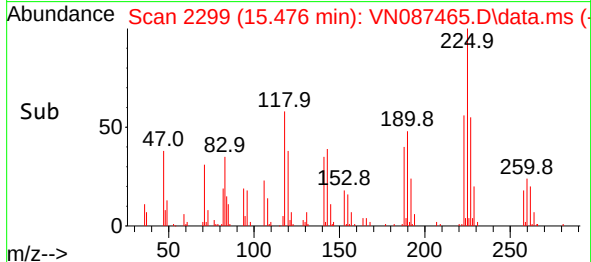
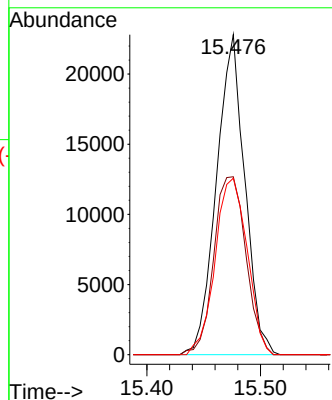
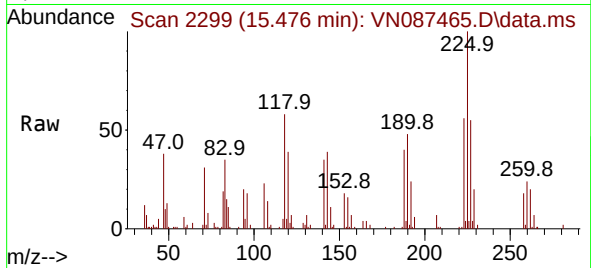




#90  
Hexachlorobutadiene  
Concen: 19.871 ug/l  
RT: 15.476 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

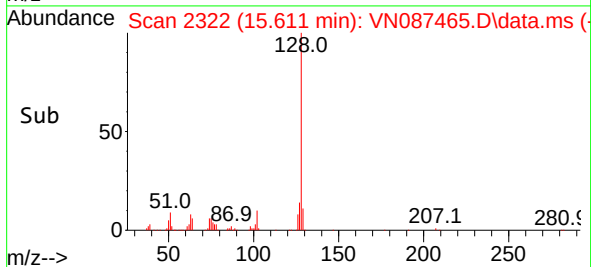
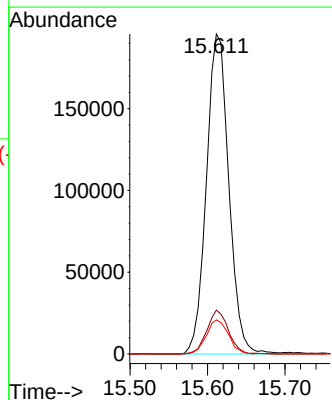
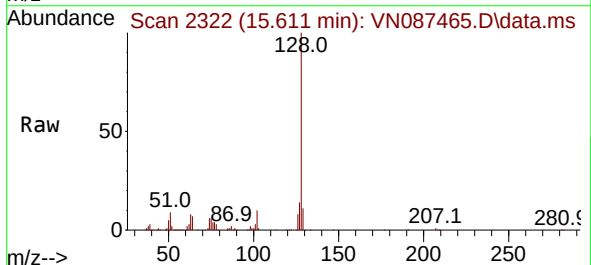
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:225 Resp: 39501  
Ion Ratio Lower Upper  
225 100  
223 63.1 0.0 116.0  
227 62.4 0.0 127.0

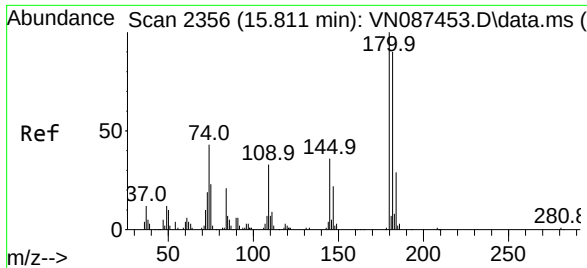


#91  
Naphthalene  
Concen: 20.183 ug/l  
RT: 15.611 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VN087465.D  
Acq: 05 Aug 2025 18:56

Tgt Ion:128 Resp: 393425  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.4  
129 10.5 8.9 13.3

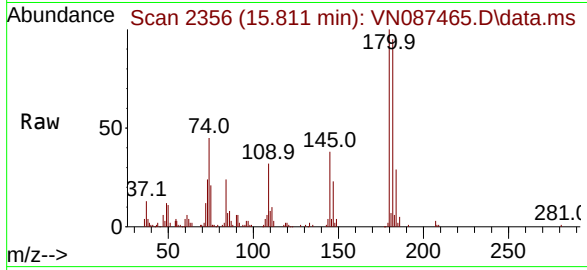






#92  
 1,2,3-Trichlorobenzene  
 Concen: 19.994 ug/l  
 RT: 15.811 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN087465.D  
 Acq: 05 Aug 2025 18:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 001-WILLETS-PT-BLVD(JUNE)MSD



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 102214 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 91.6  | 0.0   | 187.4  |
| 145      | 35.9  | 0.0   | 71.6   |

