

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121225\  
 Data File : VX048844.D  
 Acq On : 12 Dec 2025 11:20  
 Operator : JC/MD  
 Sample : VX1212WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1212WBSD01

Quant Time: Dec 12 22:09:59 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.531  | 168  | 146007   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.739  | 114  | 239743   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 225518   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 113256   | 50.000 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |             |      |
|---------------------------|--------|-------|----------|----------|-------------|------|
| 33) 1,2-Dichloroethane-d4 | 5.934  | 65    | 112294   | 57.302   | ug/l        | 0.00 |
| Spiked Amount             | 50.000 | Range | 78 - 117 | Recovery | = 114.600%  |      |
| 35) Dibromofluoromethane  | 5.367  | 113   | 93781    | 56.812   | ug/l        | 0.00 |
| Spiked Amount             | 50.000 | Range | 75 - 124 | Recovery | = 113.620%  |      |
| 50) Toluene-d8            | 8.628  | 98    | 326317   | 56.395   | ug/l        | 0.00 |
| Spiked Amount             | 50.000 | Range | 92 - 112 | Recovery | = 112.780%# |      |
| 62) 4-Bromofluorobenzene  | 11.061 | 95    | 118132   | 59.205   | ug/l        | 0.00 |
| Spiked Amount             | 50.000 | Range | 83 - 123 | Recovery | = 118.420%  |      |

## Target Compounds

|                              |       |     |        |        |      | Qvalue |
|------------------------------|-------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane   | 1.173 | 85  | 36940  | 24.831 | ug/l | 100    |
| 3) Chloromethane             | 1.301 | 50  | 37712  | 20.089 | ug/l | 100    |
| 4) Vinyl Chloride            | 1.380 | 62  | 38654  | 19.334 | ug/l | 98     |
| 5) Bromomethane              | 1.618 | 94  | 26993  | 21.848 | ug/l | 95     |
| 6) Chloroethane              | 1.697 | 64  | 24161  | 19.417 | ug/l | 100    |
| 7) Trichlorofluoromethane    | 1.898 | 101 | 57436  | 20.044 | ug/l | 96     |
| 8) Diethyl Ether             | 2.130 | 74  | 20862  | 18.241 | ug/l | 92     |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 31977  | 19.250 | ug/l | 99     |
| 10) Methyl Iodide            | 2.453 | 142 | 46944  | 19.850 | ug/l | 95     |
| 11) Tert butyl alcohol       | 2.934 | 59  | 14655  | 46.319 | ug/l | 99     |
| 12) 1,1-Dichloroethene       | 2.325 | 96  | 31774  | 18.741 | ug/l | 97     |
| 13) Acrolein                 | 2.233 | 56  | 20868  | 97.512 | ug/l | 98     |
| 14) Allyl chloride           | 2.660 | 41  | 59074  | 20.753 | ug/l | 97     |
| 15) Acrylonitrile            | 3.056 | 53  | 71366  | 72.390 | ug/l | 97     |
| 16) Acetone                  | 2.367 | 43  | 42311  | 56.399 | ug/l | 94     |
| 17) Carbon Disulfide         | 2.514 | 76  | 88417  | 17.958 | ug/l | 98     |
| 18) Methyl Acetate           | 2.697 | 43  | 32212  | 15.261 | ug/l | 95     |
| 19) Methyl tert-butyl Ether  | 3.105 | 73  | 105606 | 19.139 | ug/l | 96     |
| 20) Methylene Chloride       | 2.788 | 84  | 38413  | 20.485 | ug/l | 94     |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 33308  | 19.249 | ug/l | 99     |
| 22) Diisopropyl ether        | 3.745 | 45  | 123470 | 23.209 | ug/l | 93     |
| 23) Vinyl Acetate            | 3.709 | 43  | 441347 | 98.734 | ug/l | 96     |
| 24) 1,1-Dichloroethane       | 3.599 | 63  | 66995  | 22.583 | ug/l | 97     |
| 25) 2-Butanone               | 4.538 | 43  | 71431  | 64.513 | ug/l | 93     |
| 26) 2,2-Dichloropropane      | 4.458 | 77  | 53910  | 20.538 | ug/l | 99     |
| 27) cis-1,2-Dichloroethene   | 4.477 | 96  | 41393  | 21.198 | ug/l | 94     |
| 28) Bromochloromethane       | 4.879 | 49  | 27288  | 18.767 | ug/l | 87     |
| 29) Tetrahydrofuran          | 4.983 | 42  | 49766  | 58.863 | ug/l | 93     |
| 30) Chloroform               | 5.074 | 83  | 71047  | 22.351 | ug/l | 99     |
| 31) Cyclohexane              | 5.452 | 56  | 53809  | 20.316 | ug/l | 96     |
| 32) 1,1,1-Trichloroethane    | 5.361 | 97  | 60763  | 21.334 | ug/l | 97     |
| 36) 1,1-Dichloropropene      | 5.672 | 75  | 44454  | 19.662 | ug/l | 98     |
| 37) Ethyl Acetate            | 4.690 | 43  | 38863  | 14.385 | ug/l | 98     |
| 38) Carbon Tetrachloride     | 5.660 | 117 | 54446  | 21.260 | ug/l | 89     |
| 39) Methylcyclohexane        | 7.360 | 83  | 52995  | 19.823 | ug/l | 97     |
| 40) Benzene                  | 6.019 | 78  | 142377 | 21.243 | ug/l | 98     |

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 Sample : VX1212WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1212WBSD01

Quant Time: Dec 12 22:09:59 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.897  | 41   | 20555    | 16.723  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.062  | 62   | 50119    | 21.127  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.324  | 43   | 63025    | 15.407  | ug/l   | 96       |
| 44) Trichloroethene           | 7.104  | 130  | 36525    | 20.886  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.409  | 63   | 37339    | 22.289  | ug/l   | 99       |
| 46) Dibromomethane            | 7.562  | 93   | 26416    | 20.794  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.799  | 83   | 56110    | 21.185  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.671  | 41   | 31714    | 15.412  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.641  | 88   | 6198     | 219.002 | ug/l # | 79       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 179993   | 70.888  | ug/l   | 96       |
| 52) Toluene                   | 8.702  | 92   | 88810    | 21.974  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.958  | 75   | 53948    | 21.410  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.348  | 75   | 59113    | 21.829  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.134  | 97   | 33717    | 20.734  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.098  | 69   | 46071    | 18.100  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.287  | 76   | 57907    | 21.415  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.220  | 63   | 113678   | 82.632  | ug/l   | 97       |
| 59) 2-Hexanone                | 9.415  | 43   | 117751   | 66.063  | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.500  | 129  | 42485    | 21.128  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 33693    | 19.144  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.256  | 164  | 30988    | 18.851  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.061 | 112  | 98444    | 19.943  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131  | 35383    | 20.040  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.177 | 91   | 164662   | 20.442  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.281 | 106  | 128702   | 41.018  | ug/l   | 99       |
| 69) o-Xylene                  | 10.622 | 106  | 61329    | 20.859  | ug/l   | 99       |
| 70) Styrene                   | 10.634 | 104  | 105407   | 20.883  | ug/l   | 99       |
| 71) Bromoform                 | 10.781 | 173  | 27140    | 17.218  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.945 | 105  | 160418   | 21.019  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.823 | 43   | 55494    | 16.734  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 42294    | 16.424  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.219 | 75   | 46512    | 22.050  | ug/l   | 75       |
| 77) Bromobenzene              | 11.177 | 156  | 41849    | 20.544  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.287 | 91   | 185950   | 21.036  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.348 | 91   | 114632   | 21.267  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 129338   | 20.617  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 12579    | 14.165  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.433 | 91   | 134736   | 21.420  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 128694   | 19.743  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 132778   | 20.982  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.872 | 105  | 165858   | 20.995  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.988 | 119  | 138203   | 20.466  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 75710    | 20.161  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 77509    | 19.973  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.311 | 91   | 126258   | 19.970  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.518 | 117  | 26512    | 19.236  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 73528    | 20.196  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 7459     | 11.901  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 47286    | 19.665  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 19490    | 19.595  | ug/l   | 97       |
| 95) Naphthalene               | 13.756 | 128  | 118327   | 18.782  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.938 | 180  | 44409    | 20.026  | ug/l   | 98       |

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Data File : VX048844.D  
Acq On : 12 Dec 2025 11:20  
Operator : JC/MD  
Sample : VX1212WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

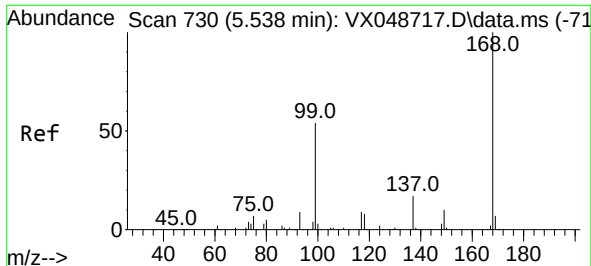
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

Quant Time: Dec 12 22:09:59 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 05 03:27:34 2025  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

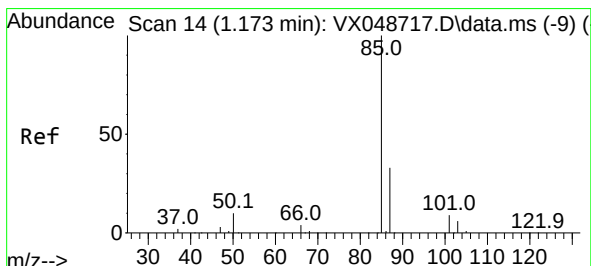
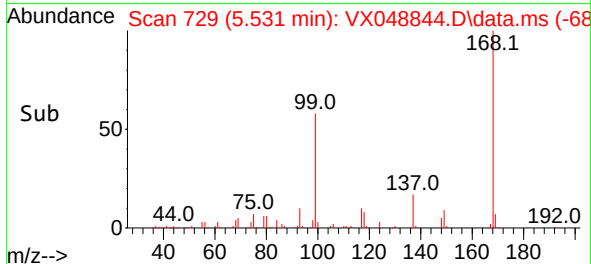
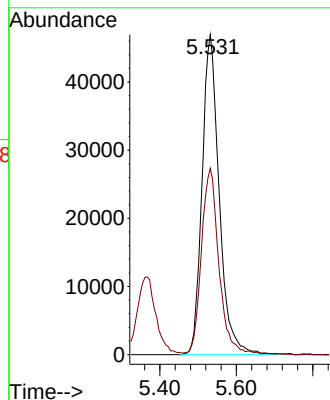
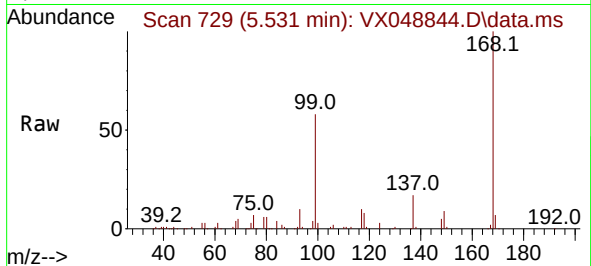




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.531 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

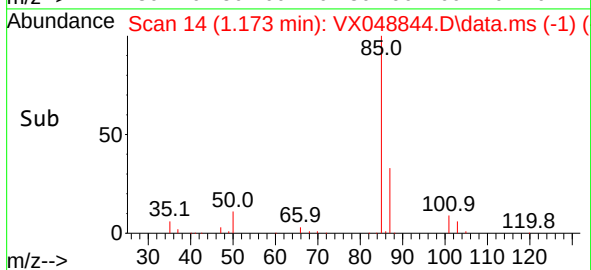
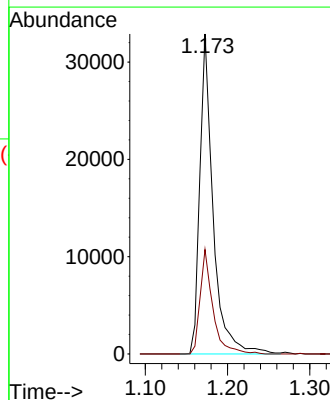
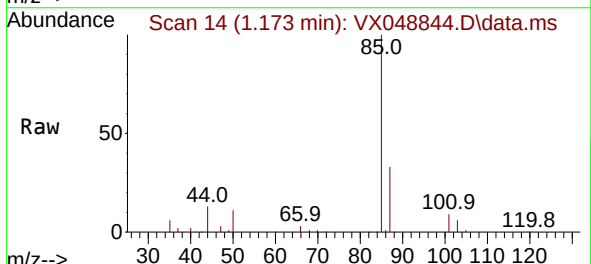
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

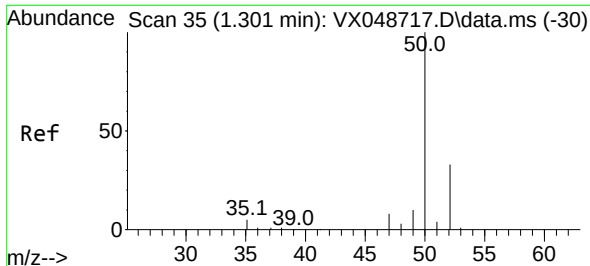
Tgt Ion:168 Resp: 146007  
Ion Ratio Lower Upper  
168 100  
99 57.9 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 24.831 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 85 Resp: 36940  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.4 49.1

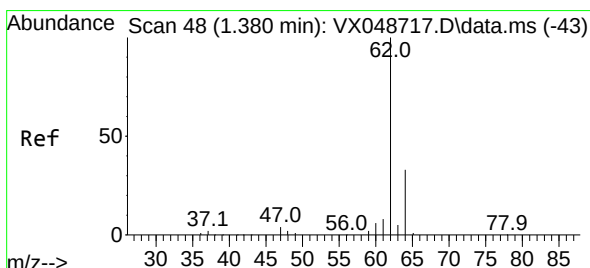
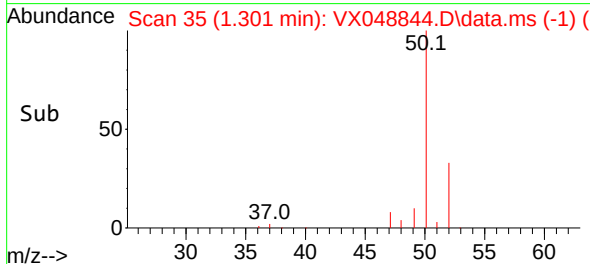
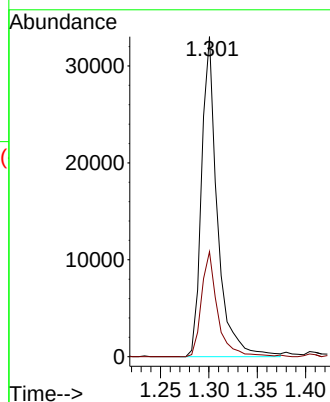
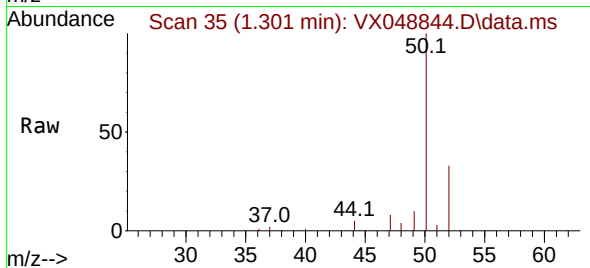




#3  
Chloromethane  
Concen: 20.089 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

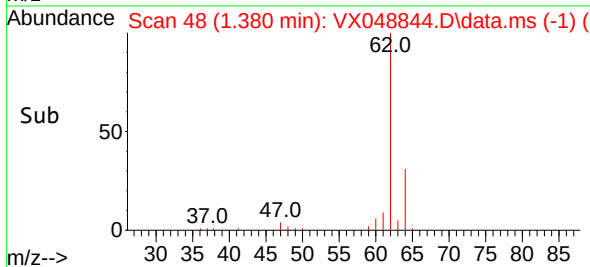
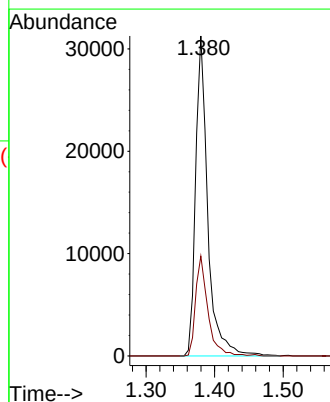
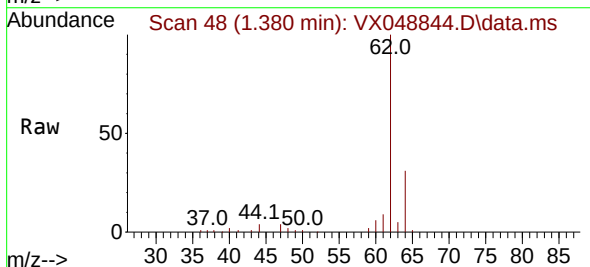
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

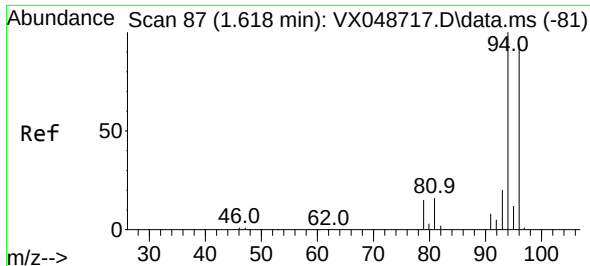
Tgt Ion: 50 Resp: 37712  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.4 39.6



#4  
Vinyl Chloride  
Concen: 19.334 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 62 Resp: 38654  
Ion Ratio Lower Upper  
62 100  
64 31.2 26.0 39.0

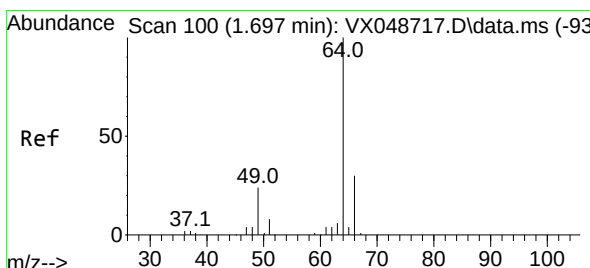
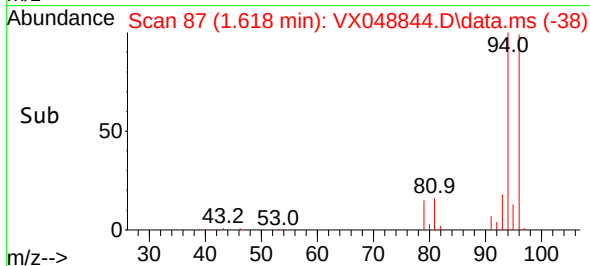
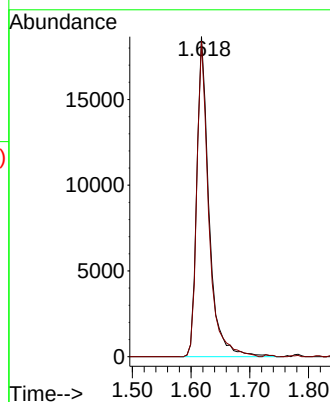
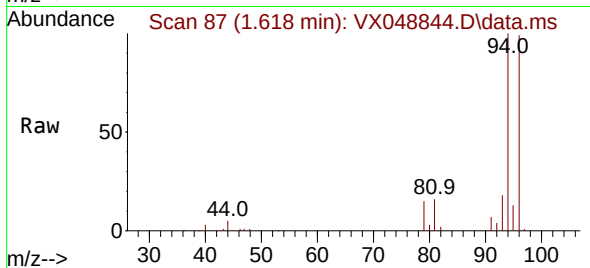




#5  
Bromomethane  
Concen: 21.848 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

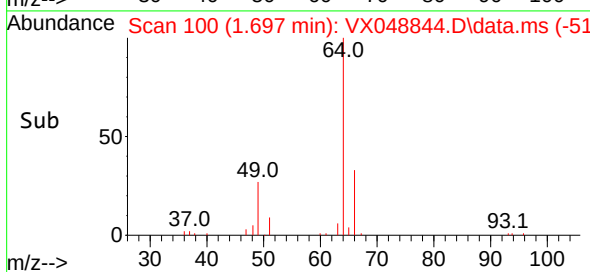
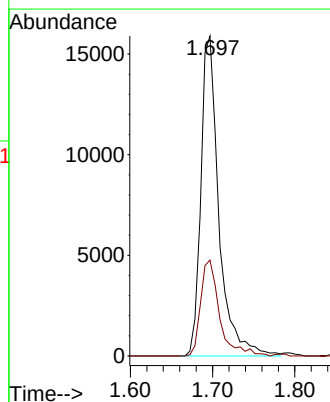
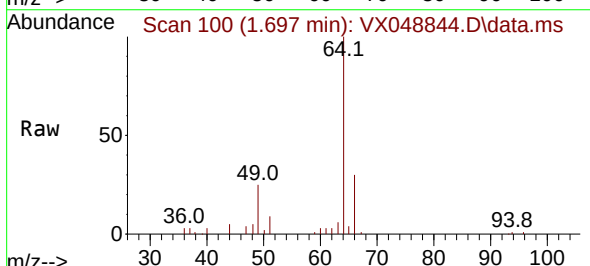
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

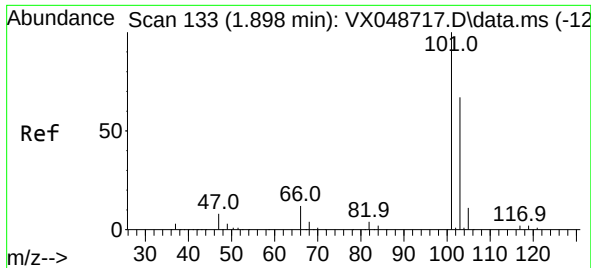
Tgt Ion: 94 Resp: 26993  
Ion Ratio Lower Upper  
94 100  
96 98.7 75.2 112.8



#6  
Chloroethane  
Concen: 19.417 ug/l  
RT: 1.697 min Scan# 100  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 64 Resp: 24161  
Ion Ratio Lower Upper  
64 100  
66 29.9 24.0 36.0

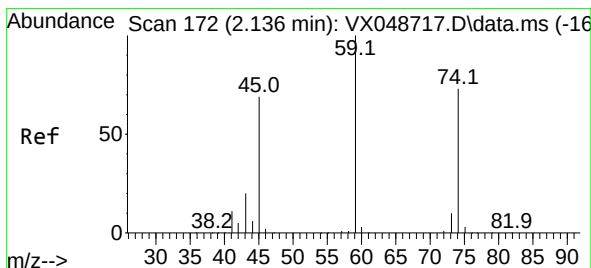
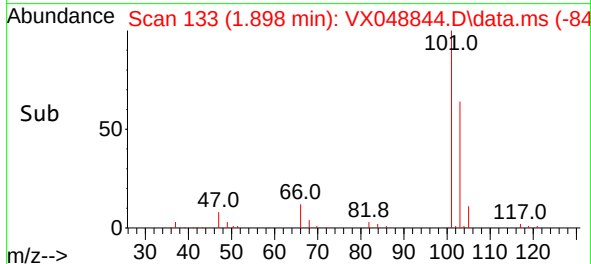
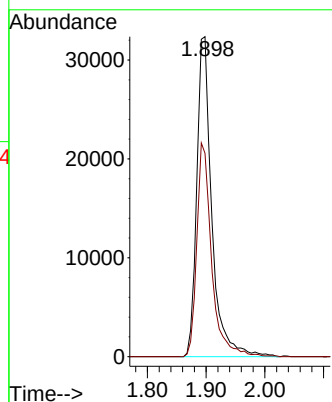
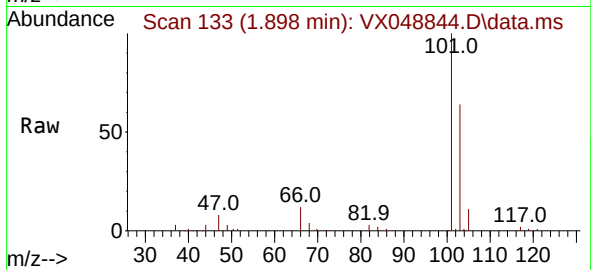




#7  
Trichlorofluoromethane  
Concen: 20.044 ug/l  
RT: 1.898 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

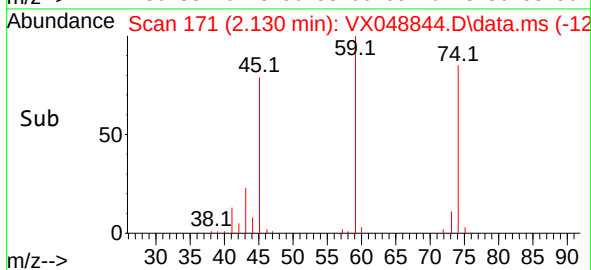
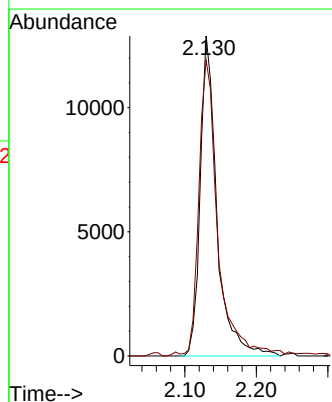
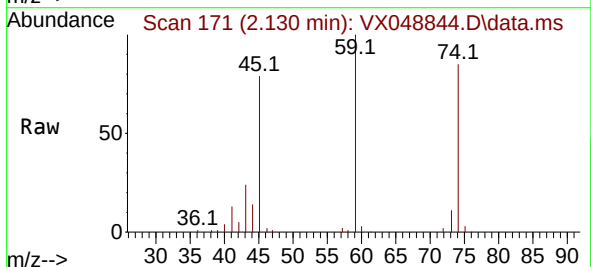
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

Tgt Ion:101 Resp: 57436  
Ion Ratio Lower Upper  
101 100  
103 63.6 53.4 80.2

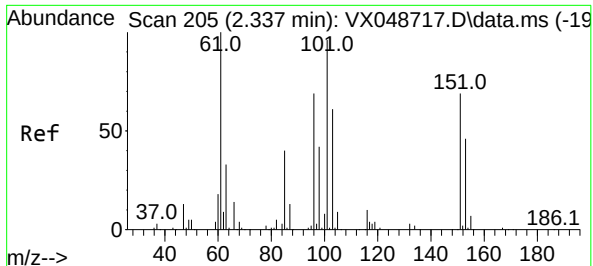


#8  
Diethyl Ether  
Concen: 18.241 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 74 Resp: 20862  
Ion Ratio Lower Upper  
74 100  
45 105.6 48.9 146.8



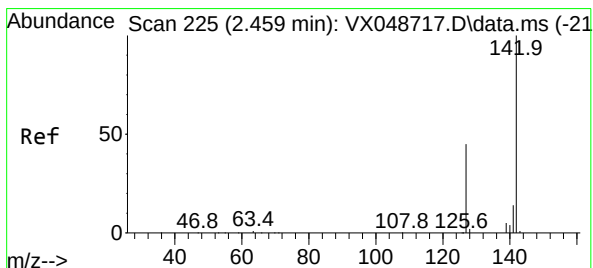
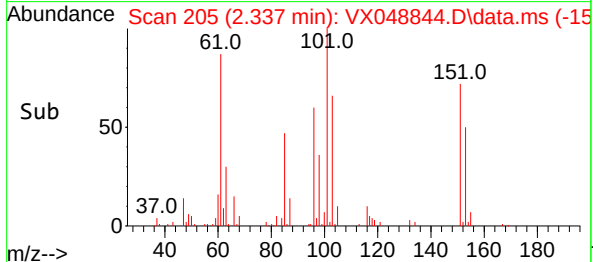
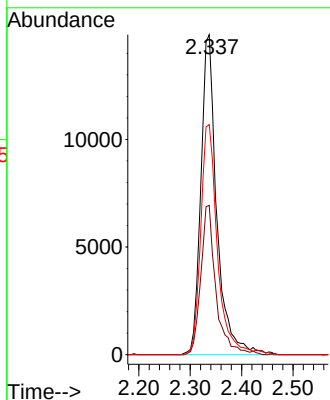
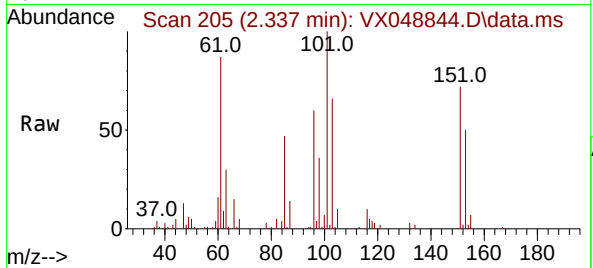




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.250 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

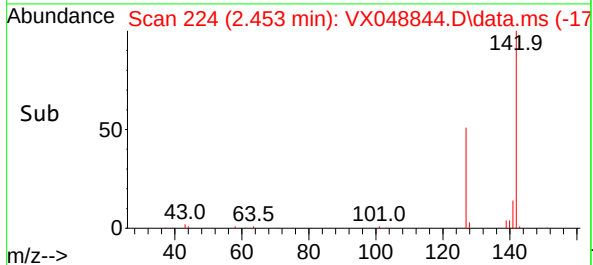
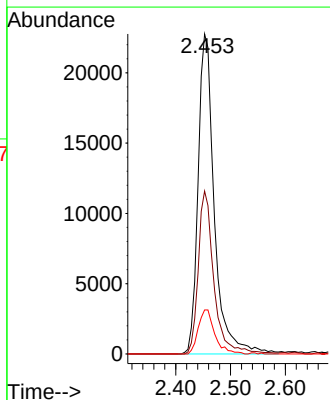
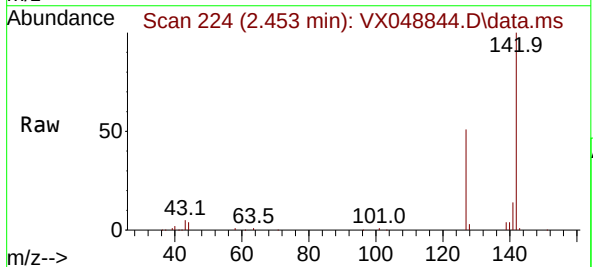
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

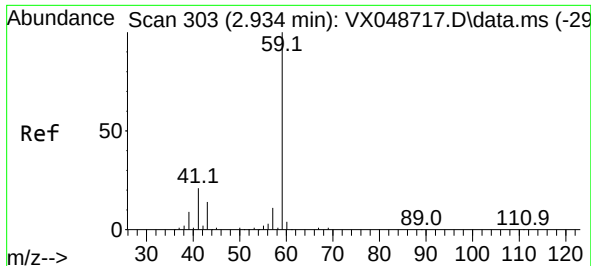
Tgt Ion:101 Resp: 31977  
Ion Ratio Lower Upper  
101 100  
85 44.4 34.2 51.2  
151 74.8 60.2 90.4



#10  
Methyl Iodide  
Concen: 19.850 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion:142 Resp: 46944  
Ion Ratio Lower Upper  
142 100  
127 48.9 35.8 53.6  
141 14.0 11.1 16.7

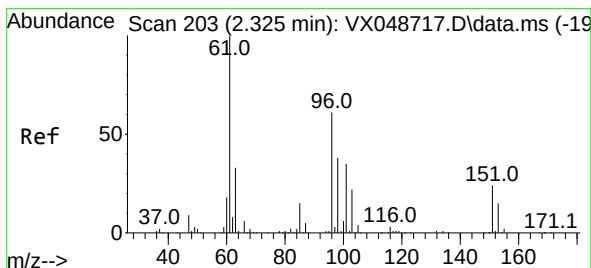
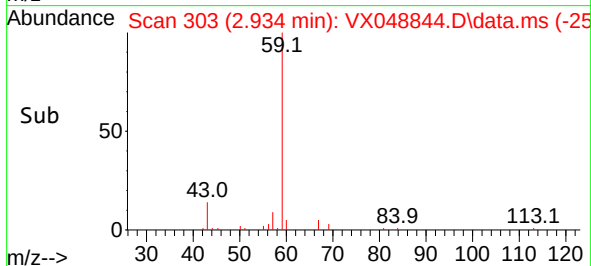
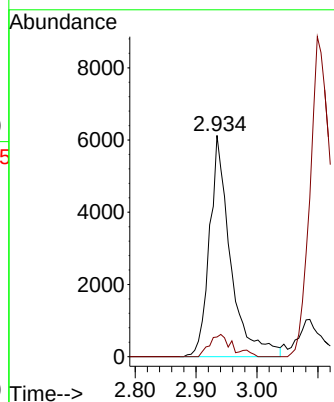
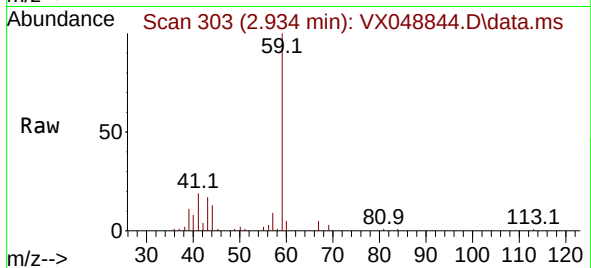




#11  
Tert butyl alcohol  
Concen: 46.319 ug/l  
RT: 2.934 min Scan# 303  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

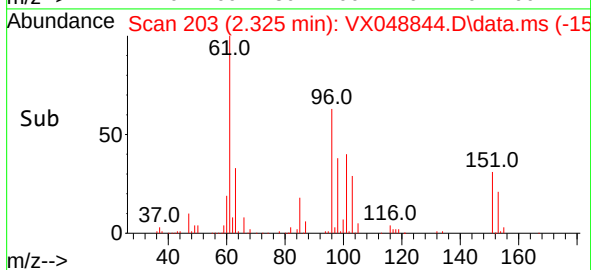
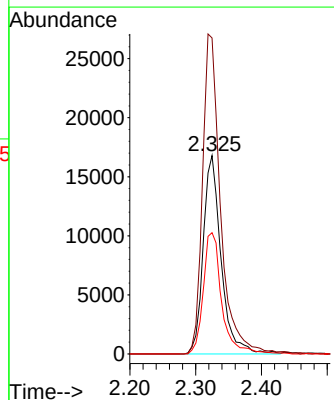
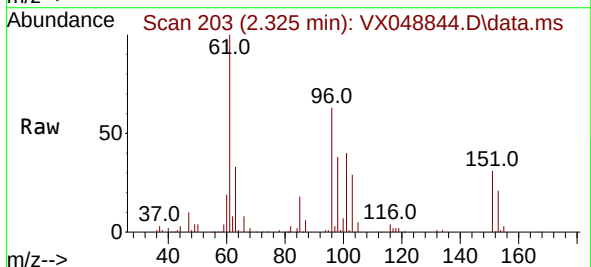
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

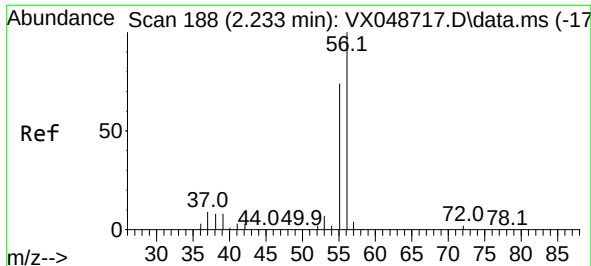
Tgt Ion: 59 Resp: 14655  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 18.741 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 96 Resp: 31774  
Ion Ratio Lower Upper  
96 100  
61 159.3 130.7 196.1  
98 61.1 49.8 74.8

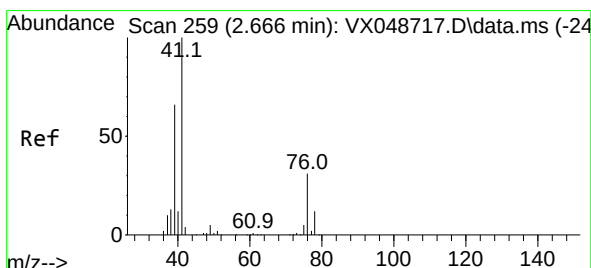
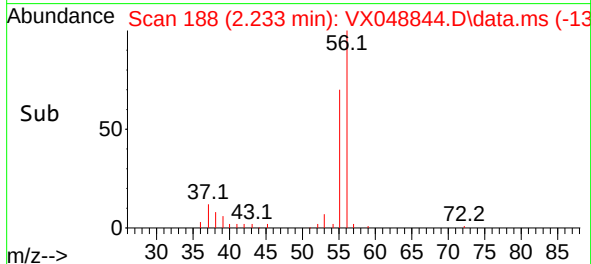
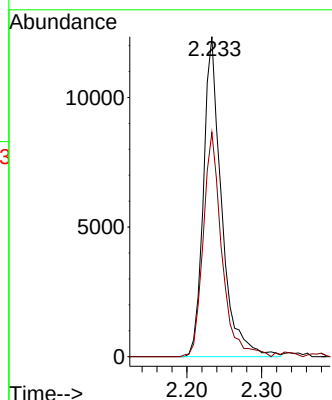
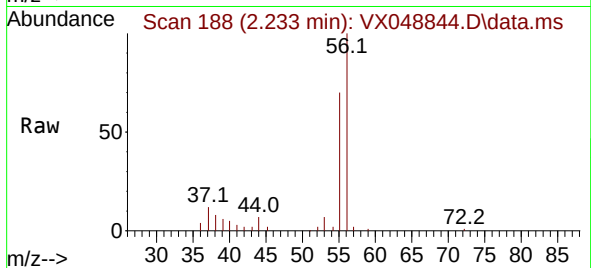




#13  
Acrolein  
Concen: 97.512 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

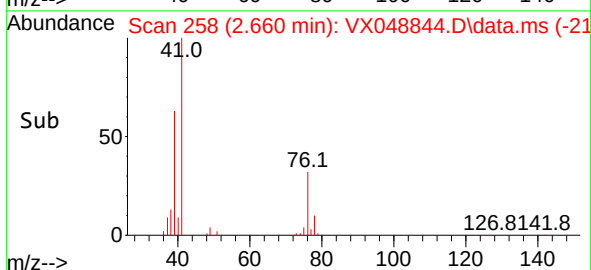
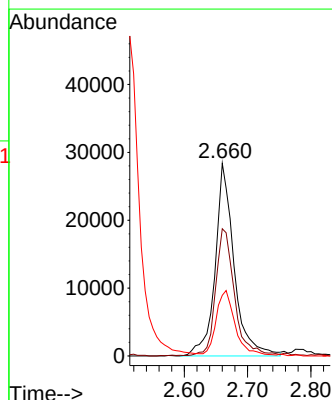
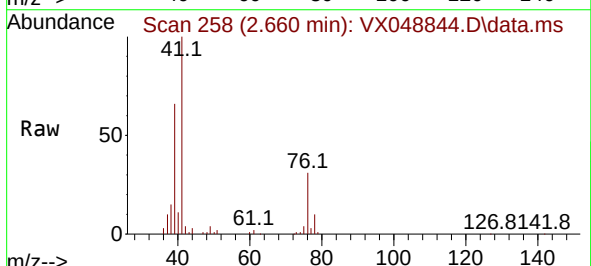
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

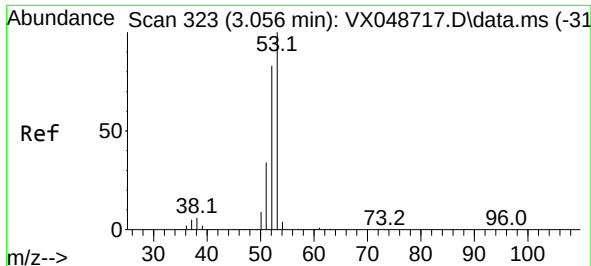
Tgt Ion: 56 Resp: 20868  
Ion Ratio Lower Upper  
56 100  
55 71.4 55.8 83.6



#14  
Allyl chloride  
Concen: 20.753 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 41 Resp: 59074  
Ion Ratio Lower Upper  
41 100  
39 64.9 49.8 74.6  
76 33.0 27.3 40.9

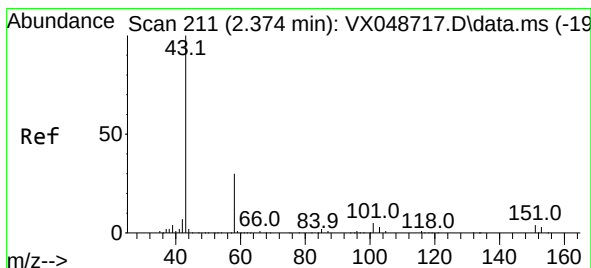
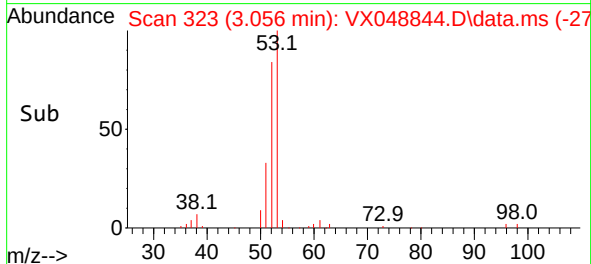
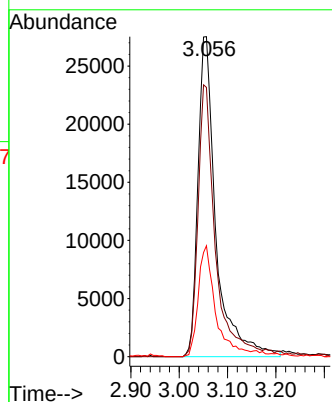
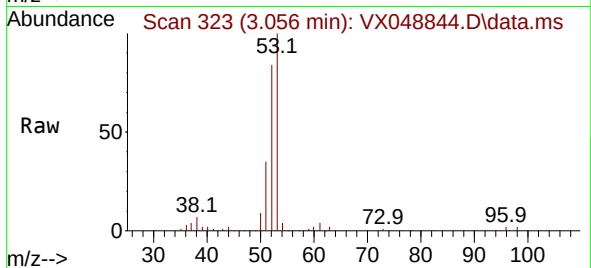




#15  
Acrylonitrile  
Concen: 72.390 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

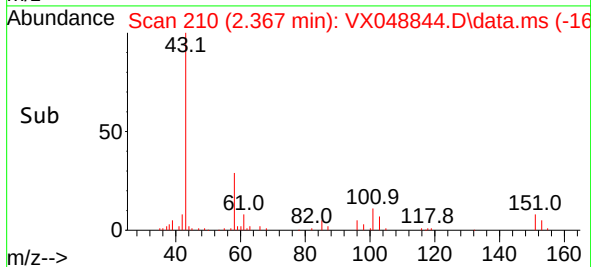
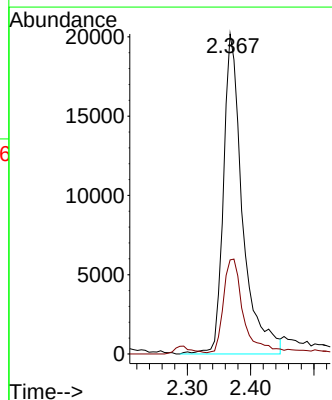
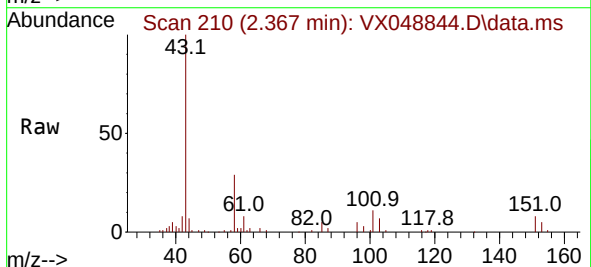
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

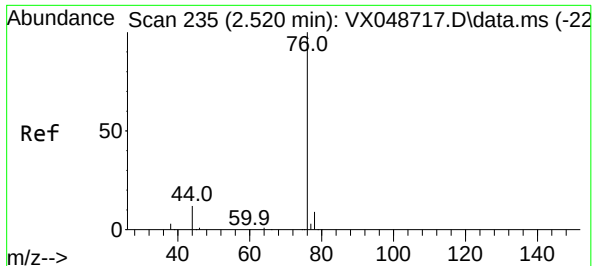
Tgt Ion: 53 Resp: 71366  
Ion Ratio Lower Upper  
53 100  
52 80.8 66.3 99.5  
51 33.4 28.7 43.1



#16  
Acetone  
Concen: 56.399 ug/l  
RT: 2.367 min Scan# 210  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 43 Resp: 42311  
Ion Ratio Lower Upper  
43 100  
58 27.8 25.0 37.4

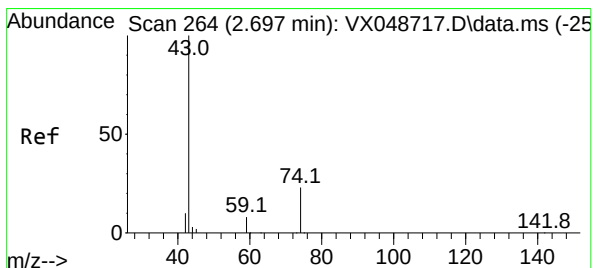
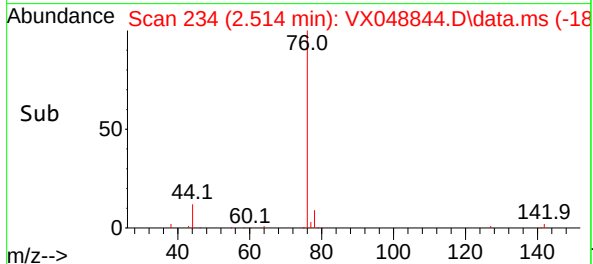
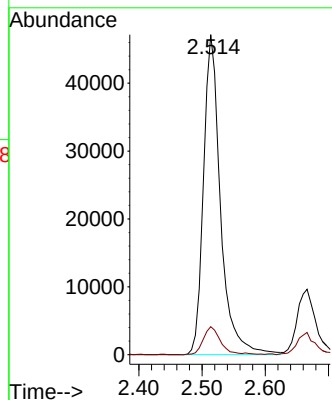
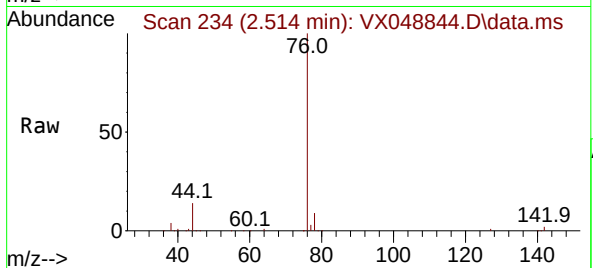




#17  
Carbon Disulfide  
Concen: 17.958 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

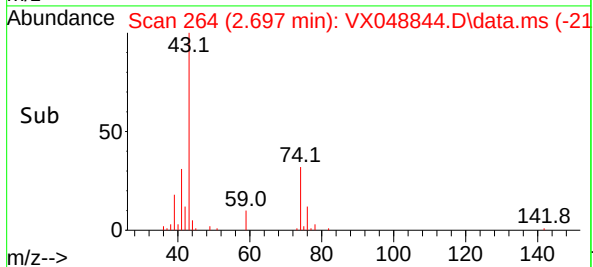
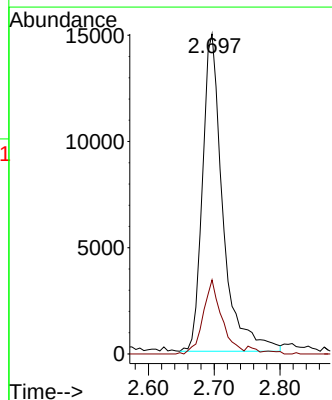
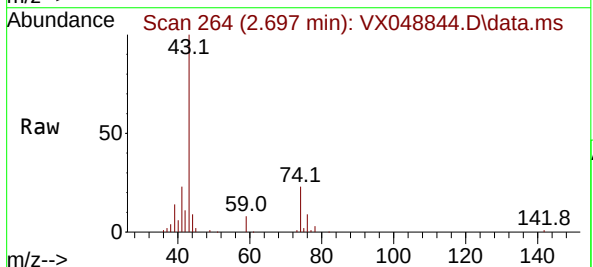
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

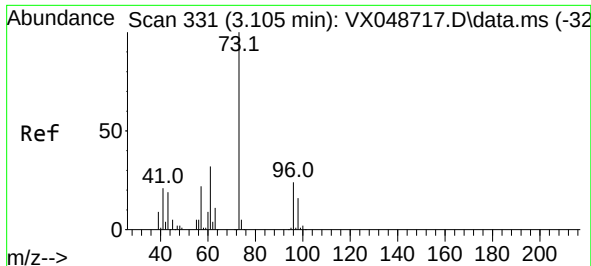
Tgt Ion: 76 Resp: 88417  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.2



#18  
Methyl Acetate  
Concen: 15.261 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 43 Resp: 32212  
Ion Ratio Lower Upper  
43 100  
74 21.3 19.2 28.8

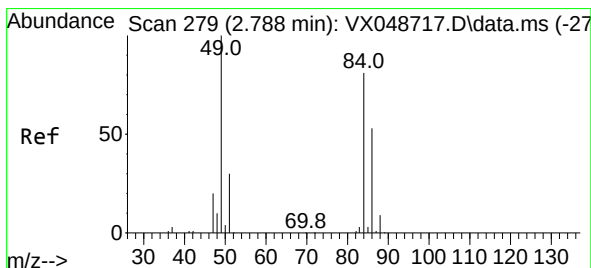
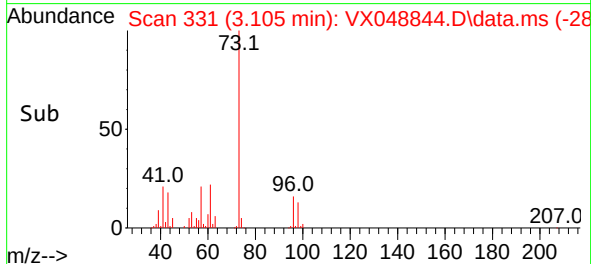
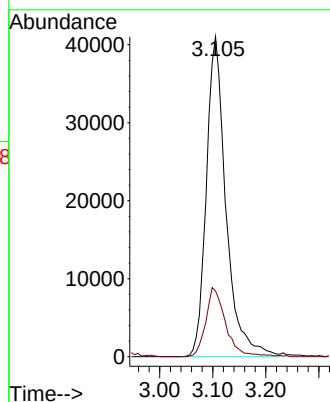
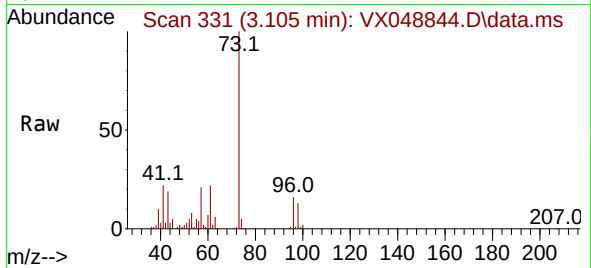




#19  
Methyl tert-butyl Ether  
Concen: 19.139 ug/l  
RT: 3.105 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

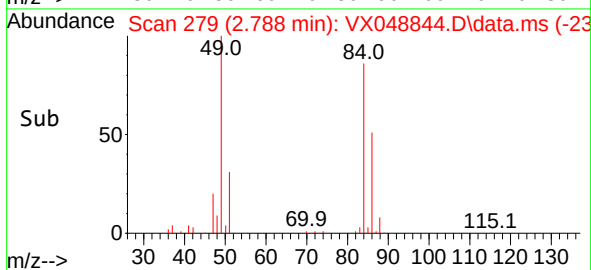
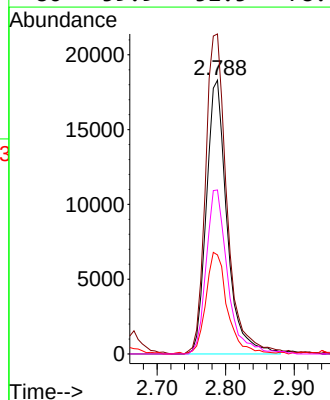
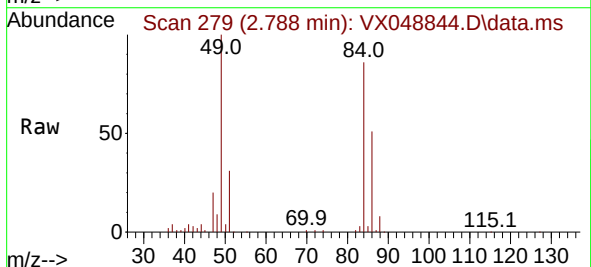
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

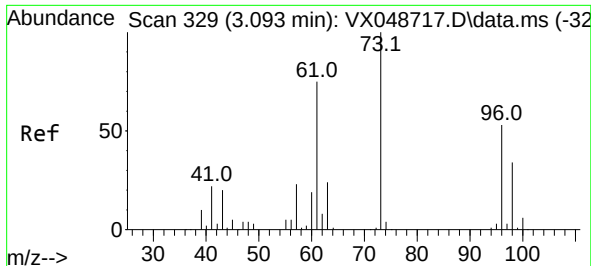
Tgt Ion: 73 Resp: 105606  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.8 26.6



#20  
Methylene Chloride  
Concen: 20.485 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 84 Resp: 38413  
Ion Ratio Lower Upper  
84 100  
49 116.9 98.7 148.1  
51 35.6 29.4 44.2  
86 59.9 52.5 78.7

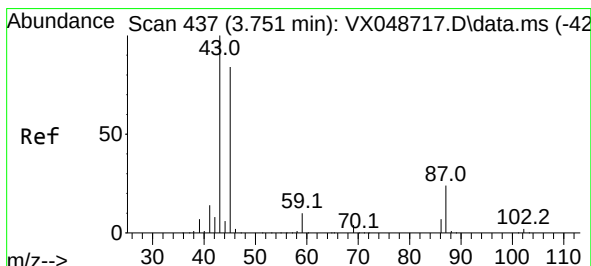
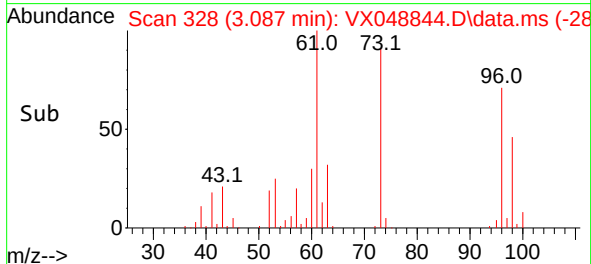
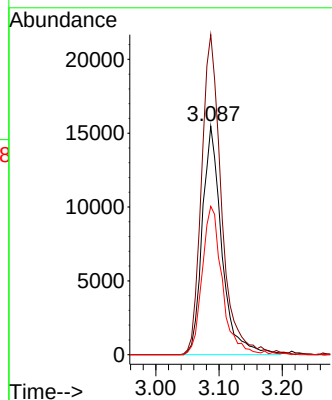
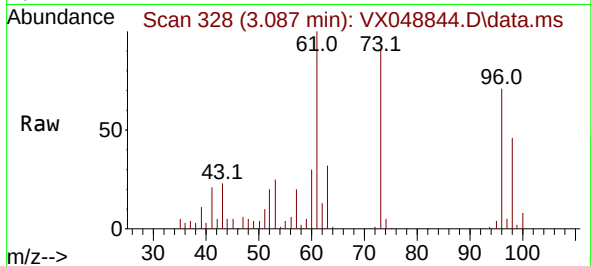




#21  
trans-1,2-Dichloroethene  
Concen: 19.249 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

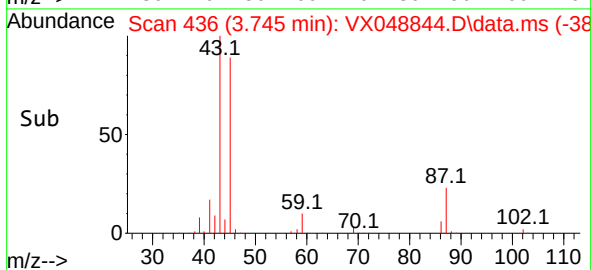
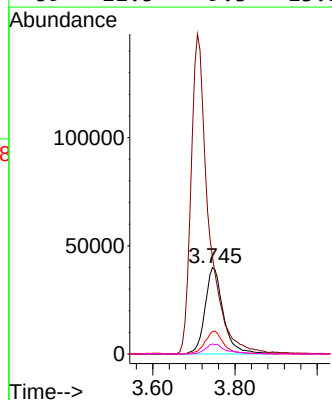
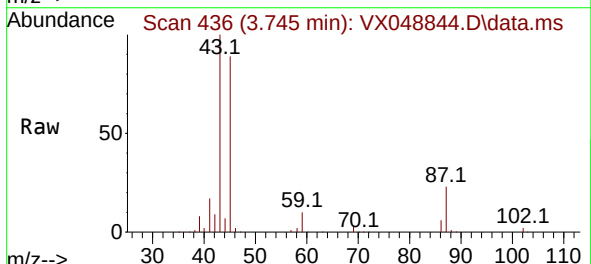
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

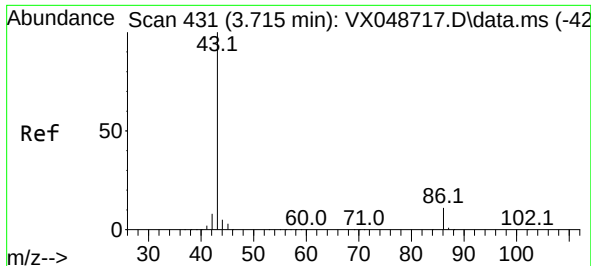
Tgt Ion: 96 Resp: 33308  
Ion Ratio Lower Upper  
96 100  
61 140.0 112.8 169.2  
98 64.9 51.0 76.4



#22  
Diisopropyl ether  
Concen: 23.209 ug/l  
RT: 3.745 min Scan# 436  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 45 Resp: 123470  
Ion Ratio Lower Upper  
45 100  
43 110.4 94.9 142.3  
87 26.0 23.2 34.8  
59 11.5 9.3 13.9

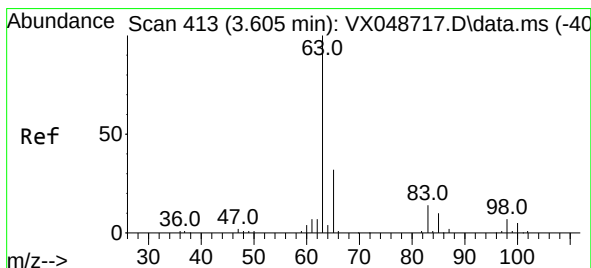
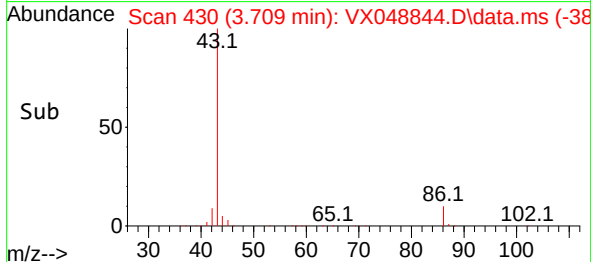
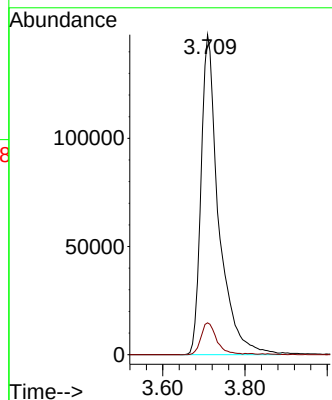
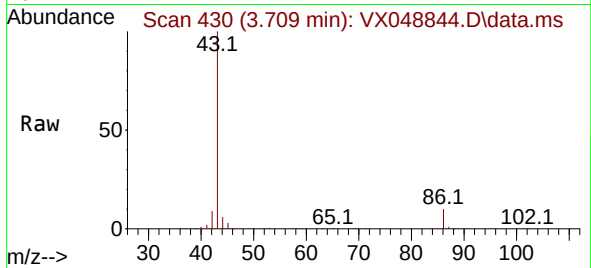




#23  
 Vinyl Acetate  
 Concen: 98.734 ug/l  
 RT: 3.709 min Scan# 411  
 Delta R.T. -0.006 min  
 Lab File: VX048844.D  
 Acq: 12 Dec 2025 11:20

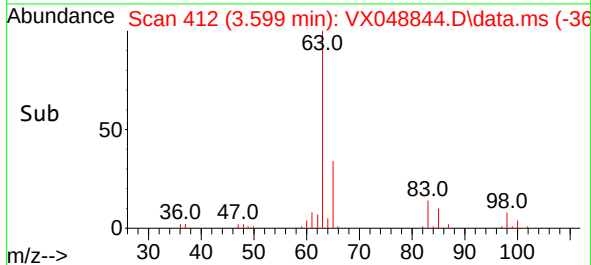
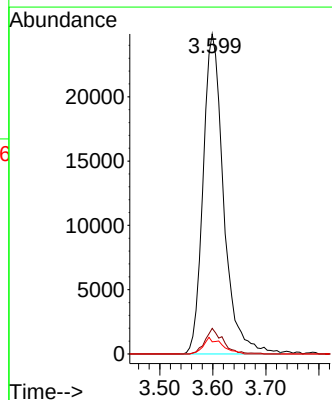
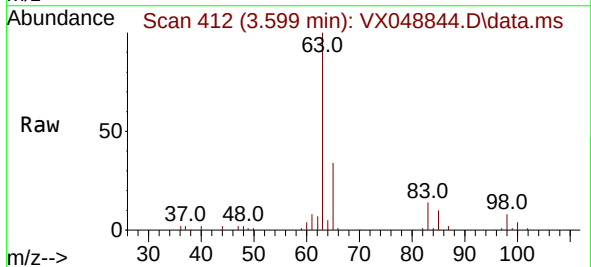
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1212WBSD01

Tgt Ion: 43 Resp: 441347  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 9.2 13.8

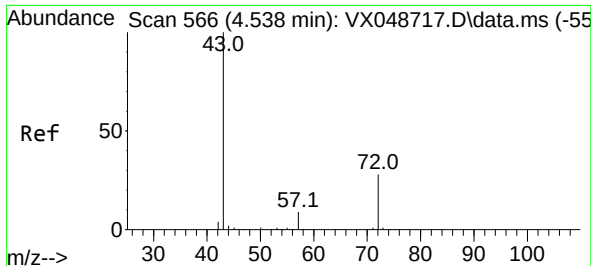


#24  
 1,1-Dichloroethane  
 Concen: 22.583 ug/l  
 RT: 3.599 min Scan# 412  
 Delta R.T. -0.006 min  
 Lab File: VX048844.D  
 Acq: 12 Dec 2025 11:20

Tgt Ion: 63 Resp: 66995  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.5 10.6  
 100 3.8 2.5 7.4







#25

2-Butanone

Concen: 64.513 ug/l

RT: 4.538 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

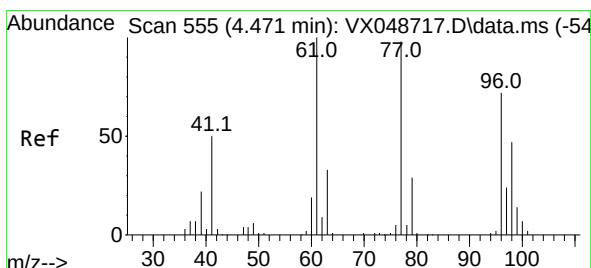
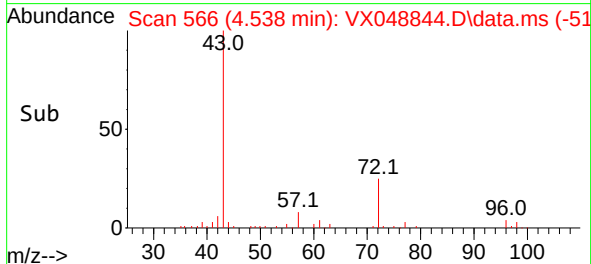
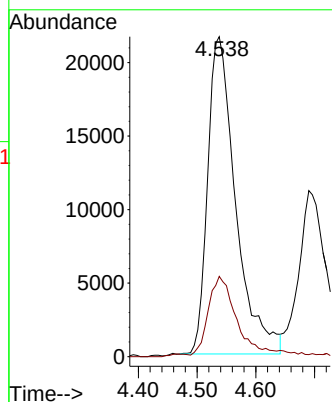
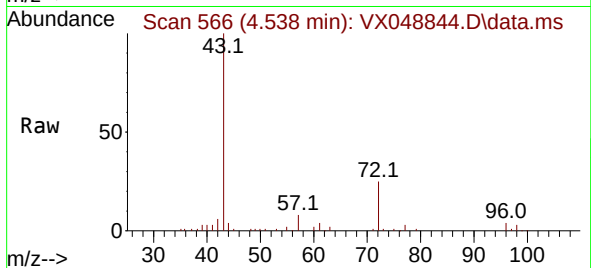
VX1212WBSD01

Tgt Ion: 43 Resp: 71431

Ion Ratio Lower Upper

43 100

72 24.5 22.6 34.0



#26

2,2-Dichloropropane

Concen: 20.538 ug/l

RT: 4.458 min Scan# 553

Delta R.T. -0.012 min

Lab File: VX048844.D

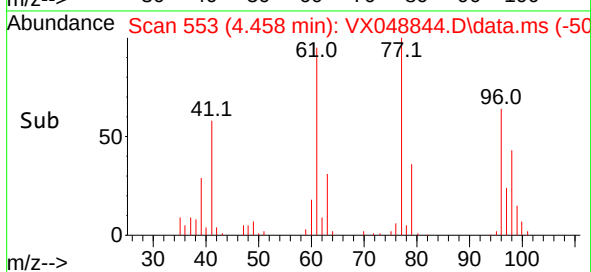
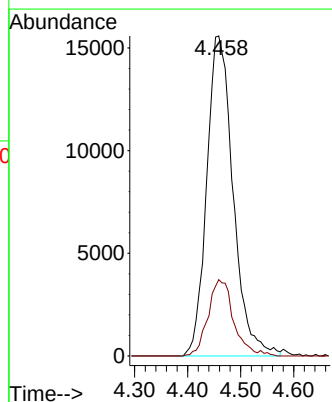
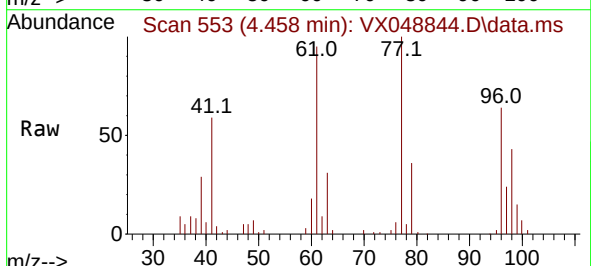
Acq: 12 Dec 2025 11:20

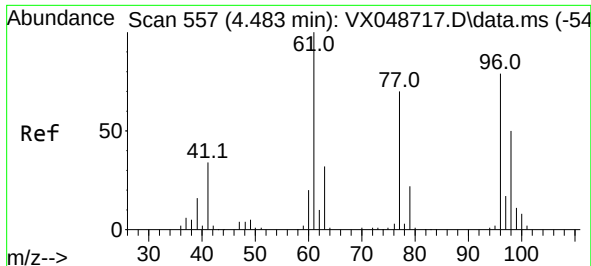
Tgt Ion: 77 Resp: 53910

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.8



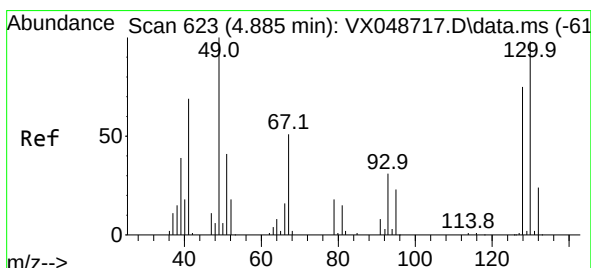
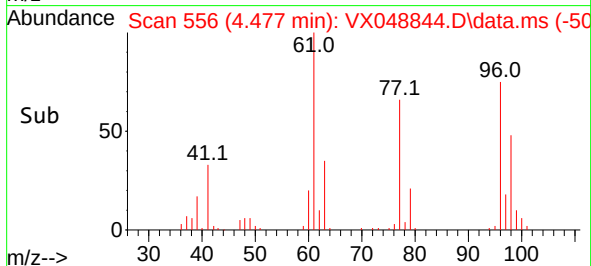
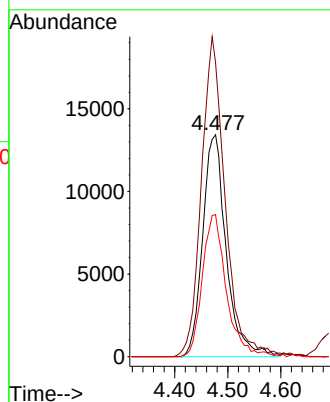
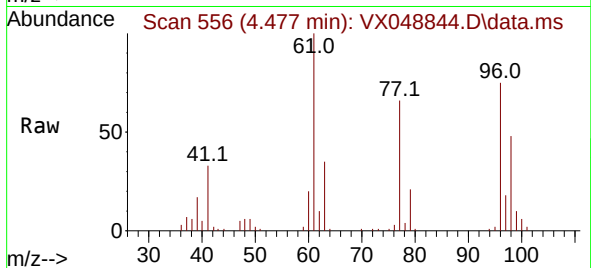


#27  
 cis-1,2-Dichloroethene  
 Concen: 21.198 ug/l  
 RT: 4.477 min Scan# 51  
 Delta R.T. -0.006 min  
 Lab File: VX048844.D  
 Acq: 12 Dec 2025 11:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1212WBSD01

Tgt Ion: 96 Resp: 41393  

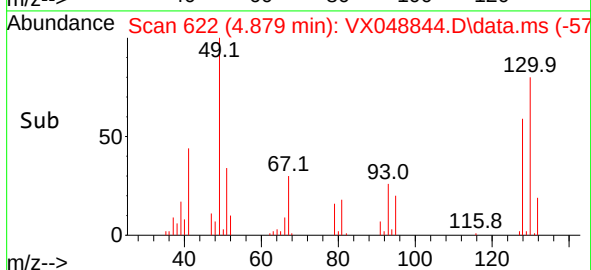
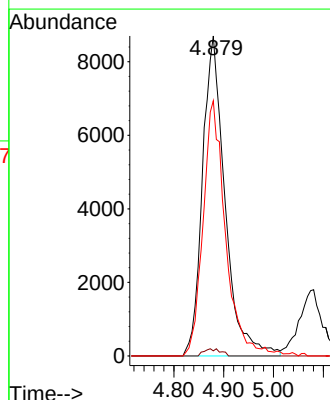
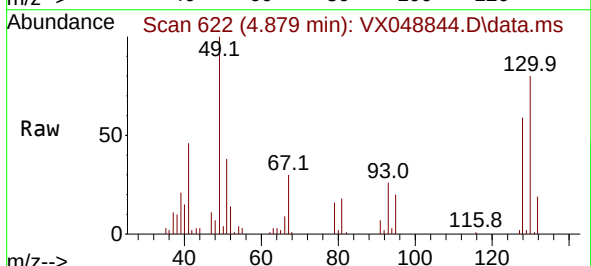
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 145.6 | 0.0   | 271.0 |
| 98  | 65.4  | 0.0   | 130.2 |

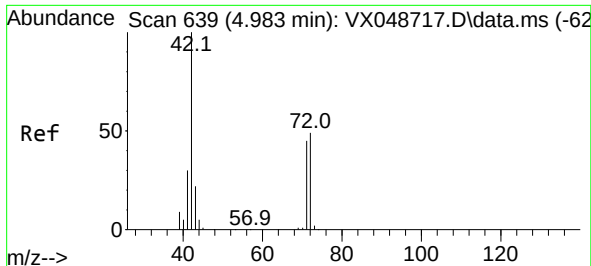


#28  
 Bromochloromethane  
 Concen: 18.767 ug/l  
 RT: 4.879 min Scan# 622  
 Delta R.T. -0.006 min  
 Lab File: VX048844.D  
 Acq: 12 Dec 2025 11:20

Tgt Ion: 49 Resp: 27288  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.7   | 0.0   | 4.0   |
| 130 | 79.7  | 73.9  | 110.9 |

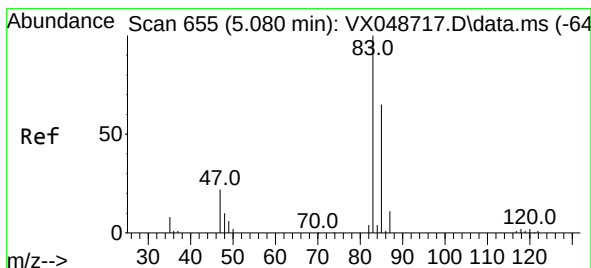
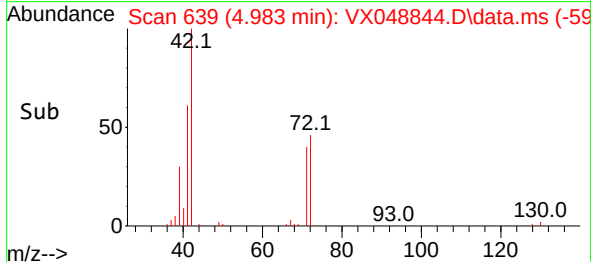
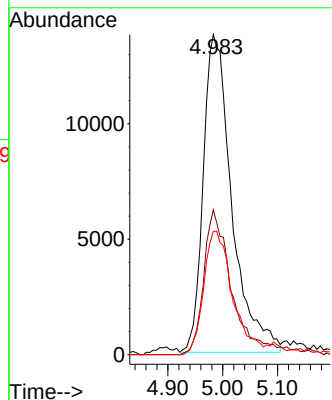
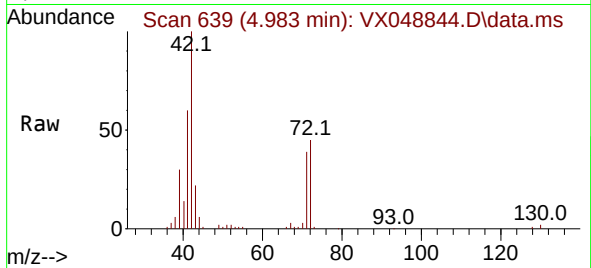




#29  
Tetrahydrofuran  
Concen: 58.863 ug/l  
RT: 4.983 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

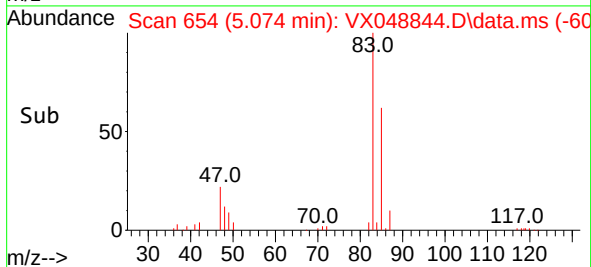
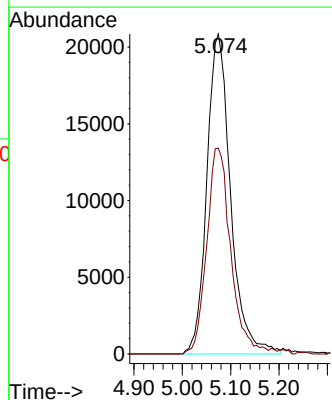
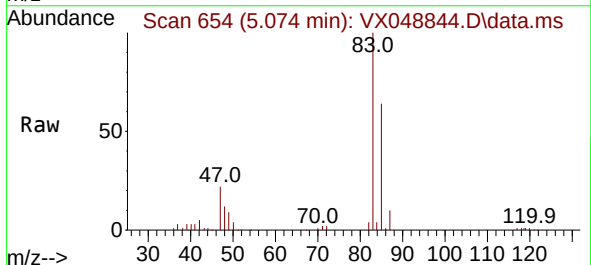
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

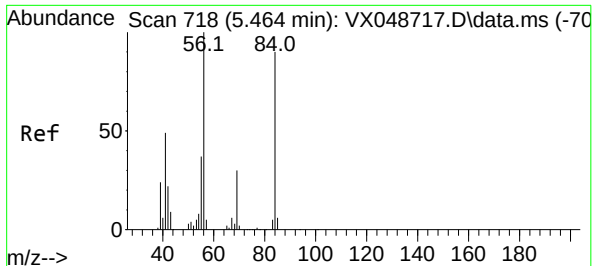
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 49766 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 45.4  | 39.4  | 59.2  |
| 71       | 39.2  | 35.8  | 53.6  |



#30  
Chloroform  
Concen: 22.351 ug/l  
RT: 5.074 min Scan# 654  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 71047 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.3  | 52.1  | 78.1  |

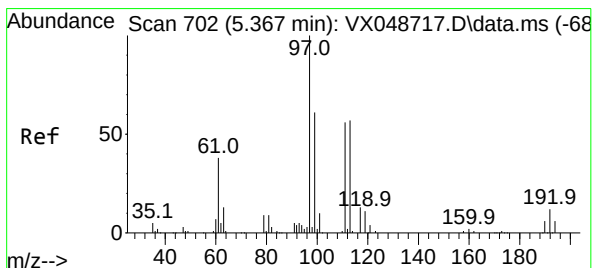
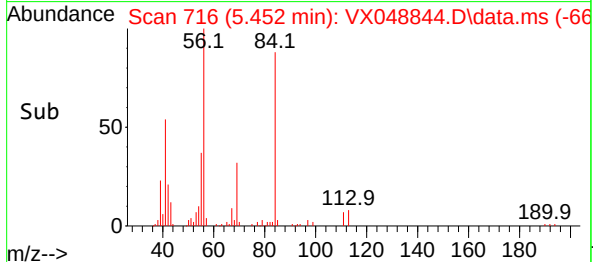
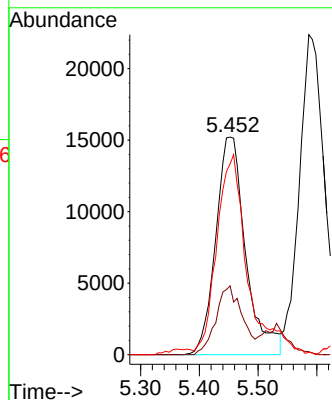
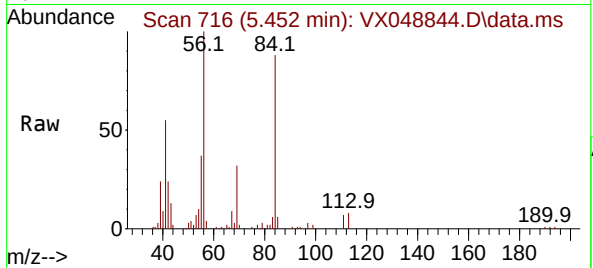




#31  
Cyclohexane  
Concen: 20.316 ug/l  
RT: 5.452 min Scan# 716  
Delta R.T. -0.012 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

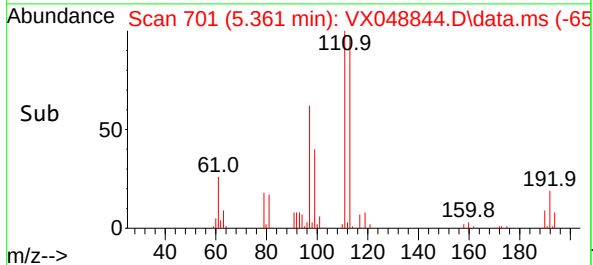
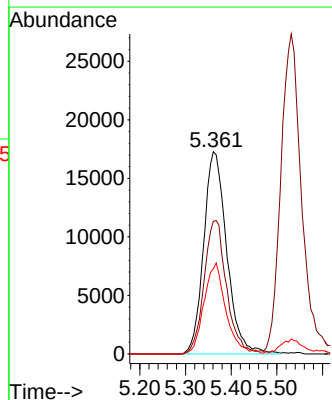
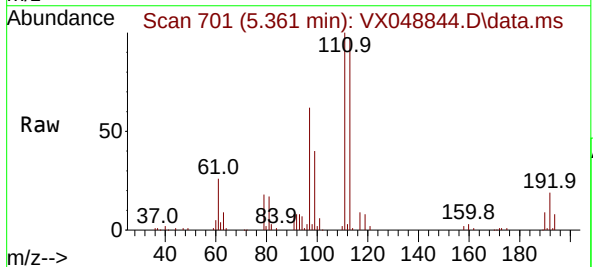
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

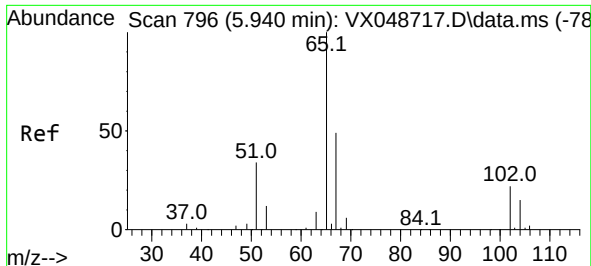
Tgt Ion: 56 Resp: 53809  
Ion Ratio Lower Upper  
56 100  
69 31.6 24.2 36.2  
84 85.3 72.1 108.1



#32  
1,1,1-Trichloroethane  
Concen: 21.334 ug/l  
RT: 5.361 min Scan# 701  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 97 Resp: 60763  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.5 75.7  
61 42.5 30.6 45.8





#33

1,2-Dichloroethane-d4

Concen: 57.302 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

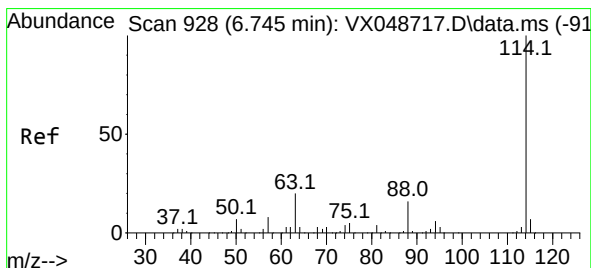
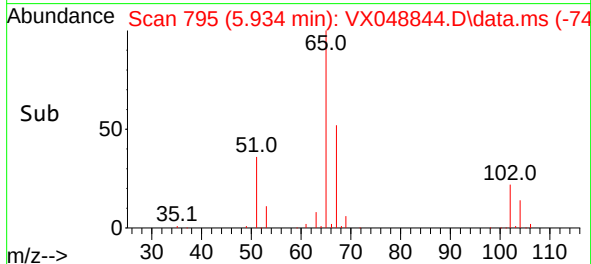
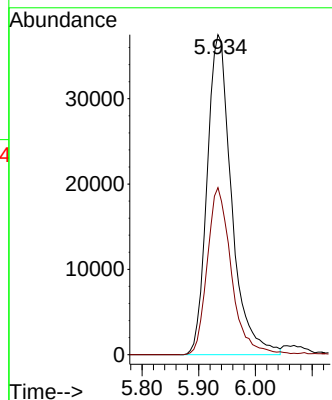
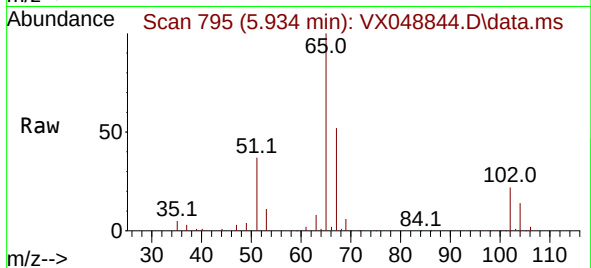
VX1212WBSD01

Tgt Ion: 65 Resp: 112294

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

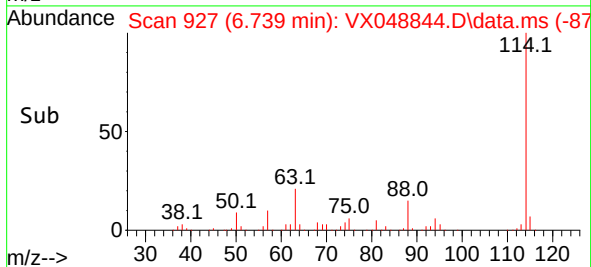
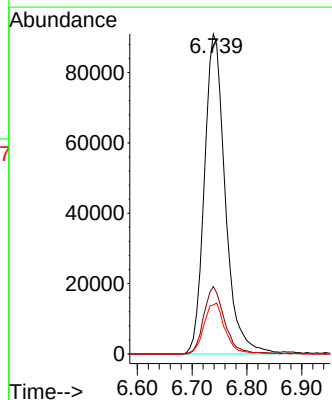
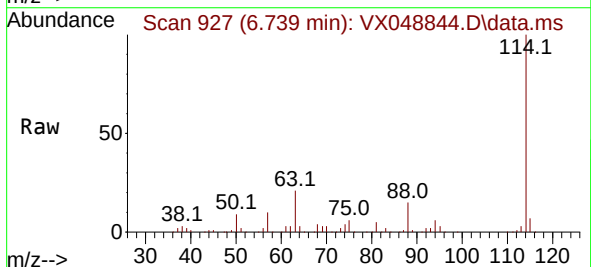
Tgt Ion: 114 Resp: 239743

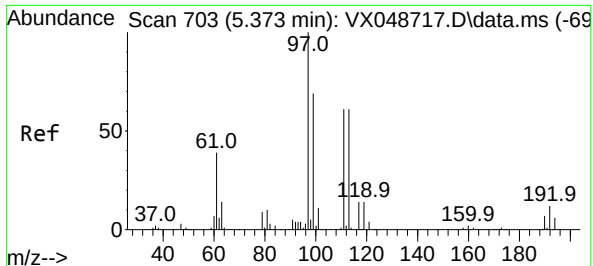
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.0

88 15.3 0.0 31.8

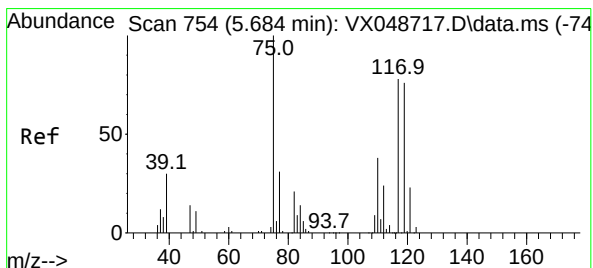
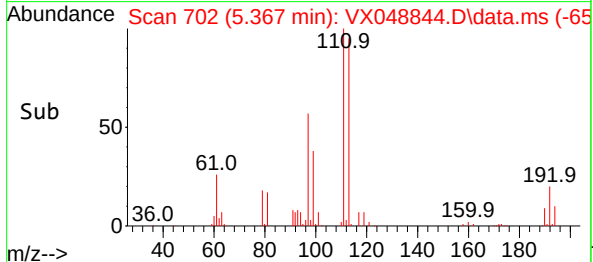
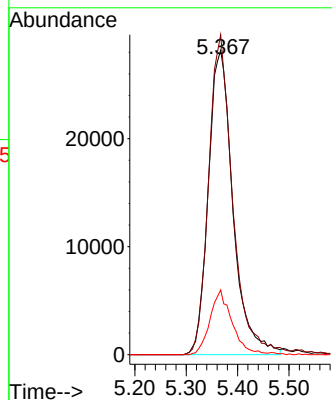
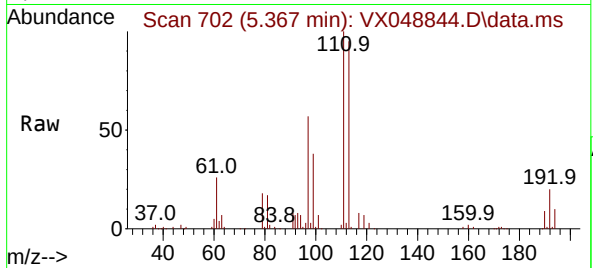




#35  
Dibromofluoromethane  
Concen: 56.812 ug/l  
RT: 5.367 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

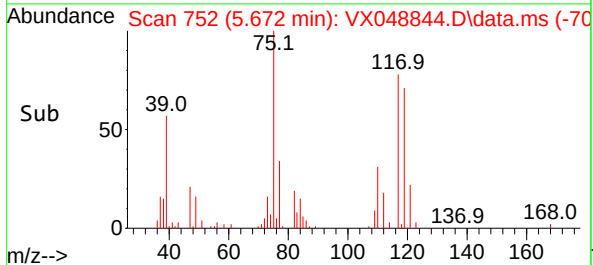
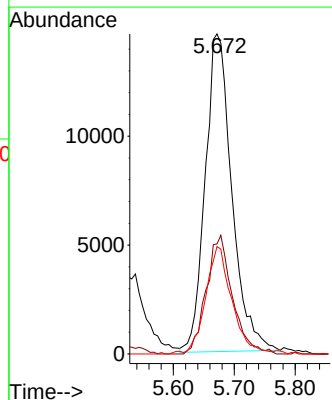
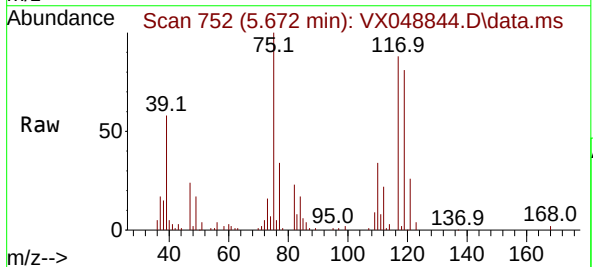
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

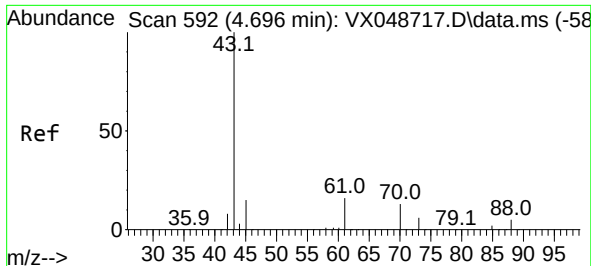
Tgt Ion:113 Resp: 93781  
Ion Ratio Lower Upper  
113 100  
111 102.2 79.5 119.3  
192 19.0 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 19.662 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 75 Resp: 44454  
Ion Ratio Lower Upper  
75 100  
110 36.4 18.6 55.8  
77 33.3 25.3 37.9

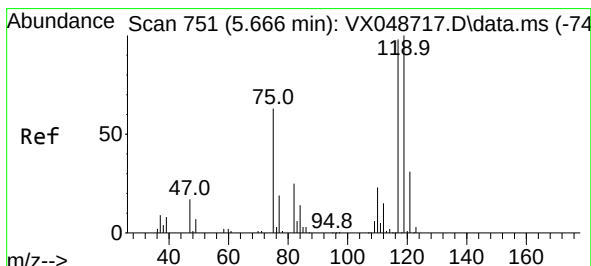
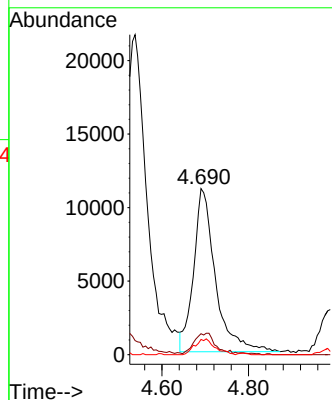
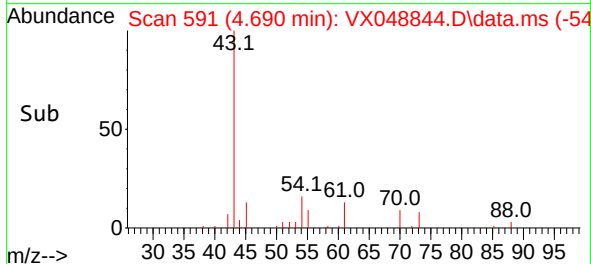
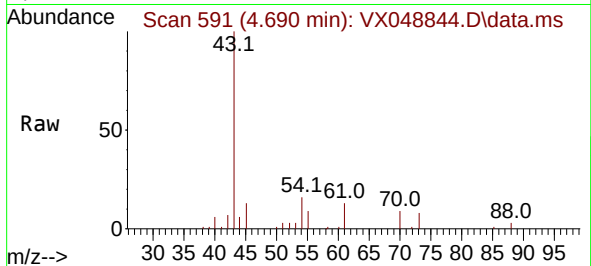




#37  
Ethyl Acetate  
Concen: 14.385 ug/l  
RT: 4.690 min Scan# 592  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

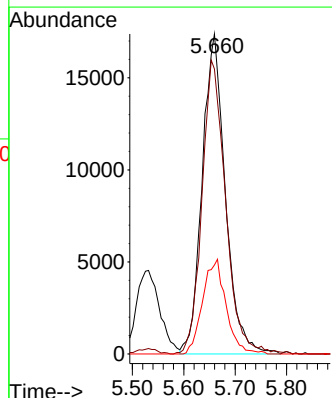
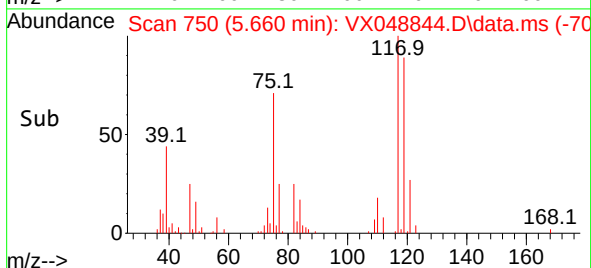
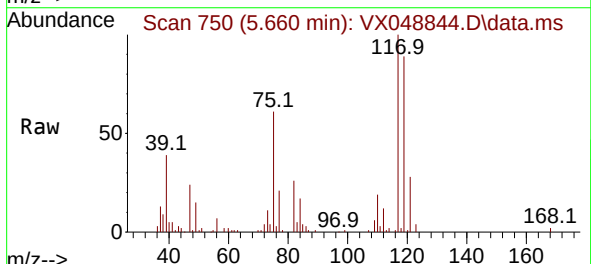
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

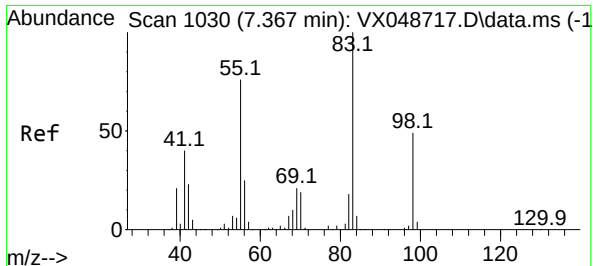
Tgt Ion: 43 Resp: 38863  
Ion Ratio Lower Upper  
43 100  
61 12.1 9.7 14.5  
70 8.8 8.2 12.4



#38  
Carbon Tetrachloride  
Concen: 21.260 ug/l  
RT: 5.660 min Scan# 750  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 117 Resp: 54446  
Ion Ratio Lower Upper  
117 100  
119 88.6 80.5 120.7  
121 27.8 25.4 38.0





#39

Methylcyclohexane

Concen: 19.823 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

VX1212WBSD01

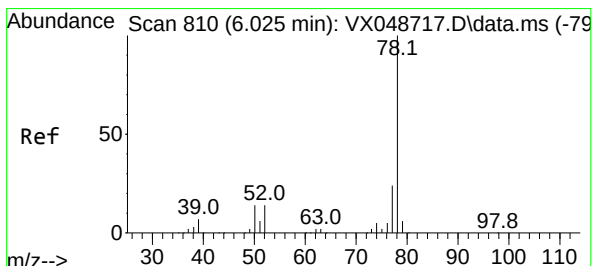
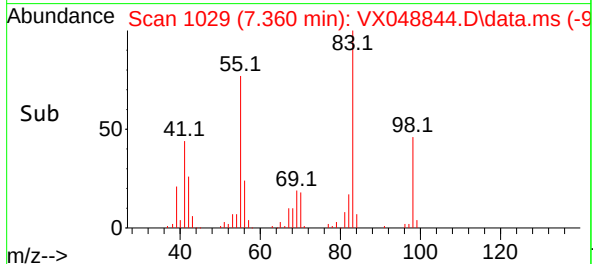
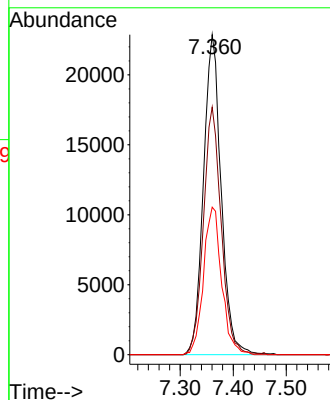
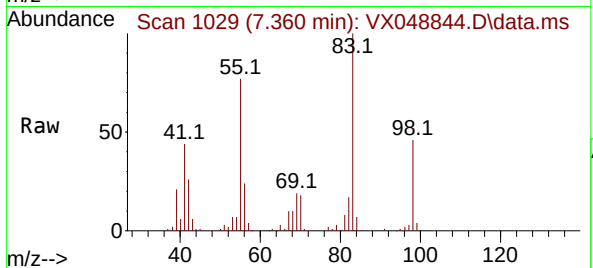
Tgt Ion: 83 Resp: 52995

Ion Ratio Lower Upper

83 100

55 77.3 60.6 90.8

98 46.1 39.3 58.9



#40

Benzene

Concen: 21.243 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048844.D

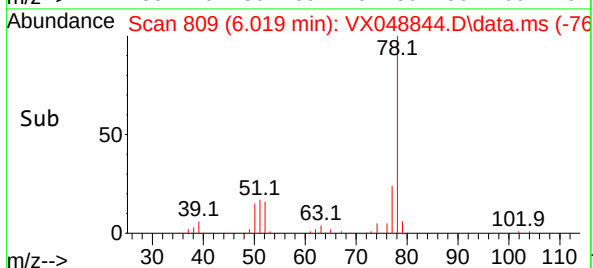
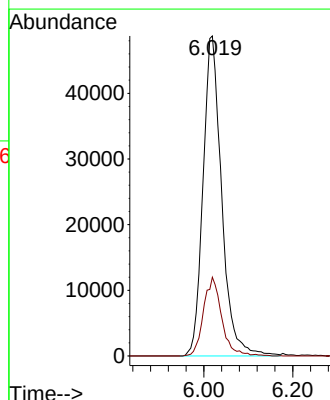
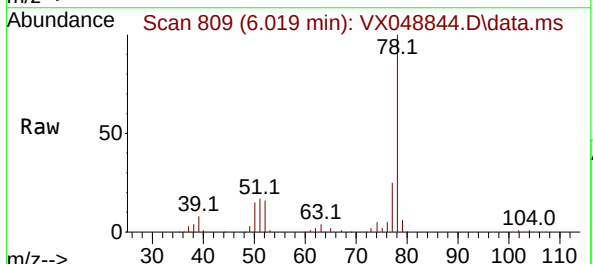
Acq: 12 Dec 2025 11:20

Tgt Ion: 78 Resp: 142377

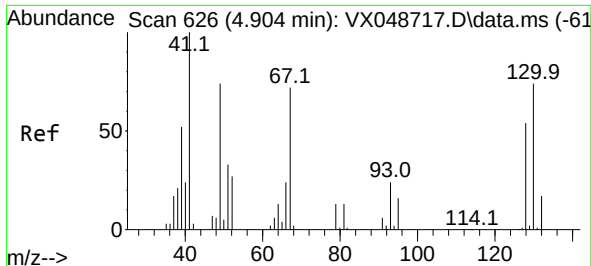
Ion Ratio Lower Upper

78 100

77 24.6 18.8 28.2

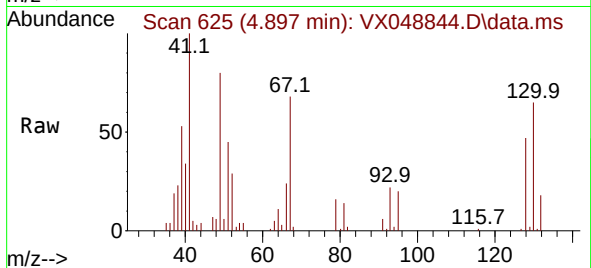






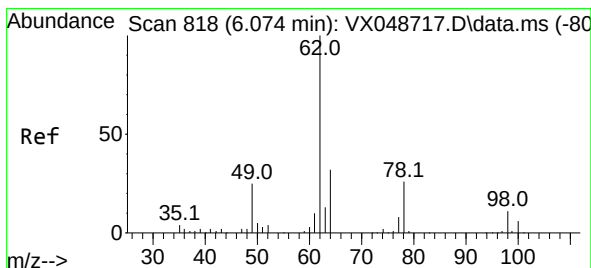
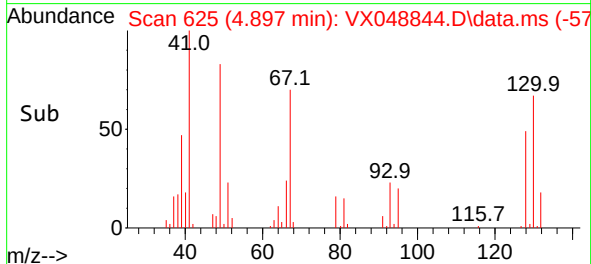
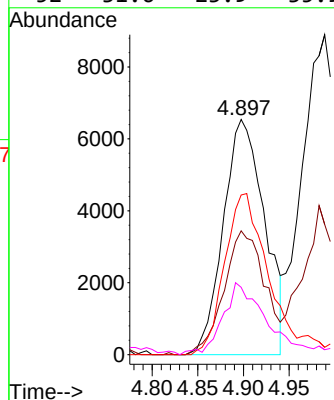
#41  
Methacrylonitrile  
Concen: 16.723 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01



Tgt Ion: 41 Resp: 20555

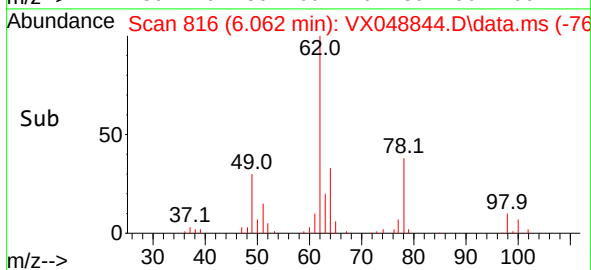
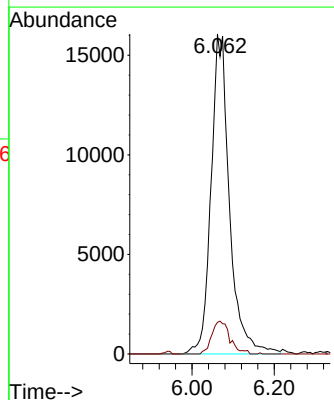
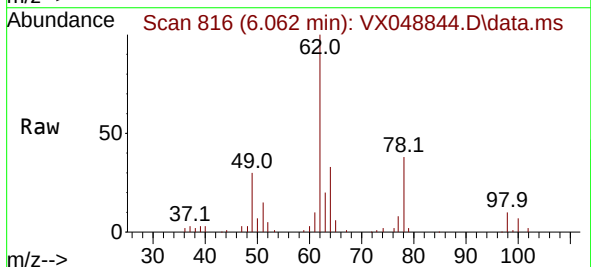
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 51.9  | 42.3  | 63.5  |
| 67  | 76.1  | 66.6  | 100.0 |
| 52  | 31.6  | 23.9  | 35.9  |

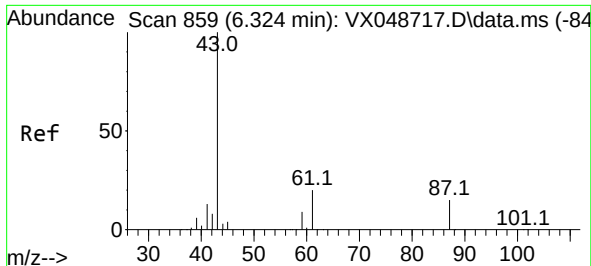


#42  
1,2-Dichloroethane  
Concen: 21.127 ug/l  
RT: 6.062 min Scan# 816  
Delta R.T. -0.012 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 62 Resp: 50119

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.1  | 0.0   | 20.2  |

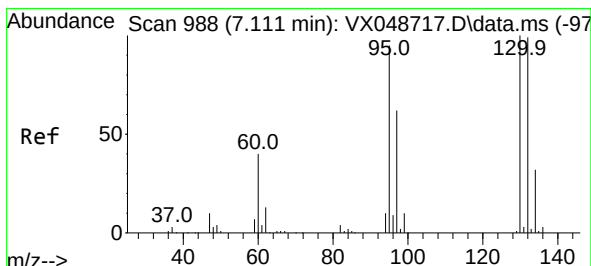
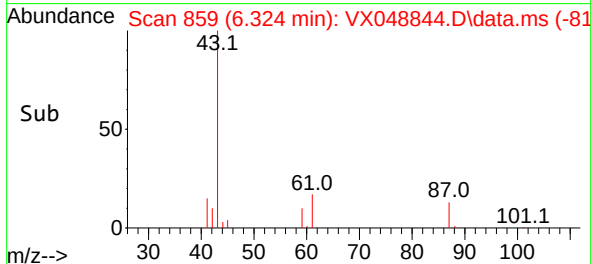
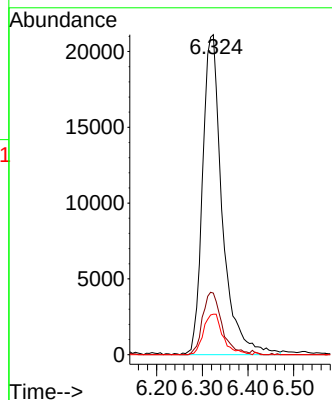
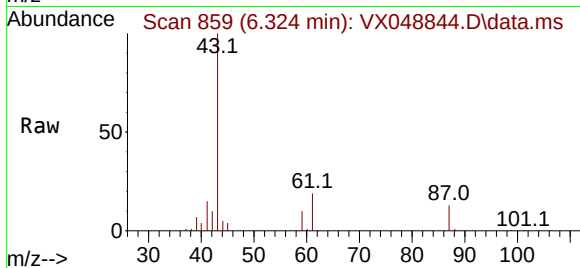




#43  
Isopropyl Acetate  
Concen: 15.407 ug/l  
RT: 6.324 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

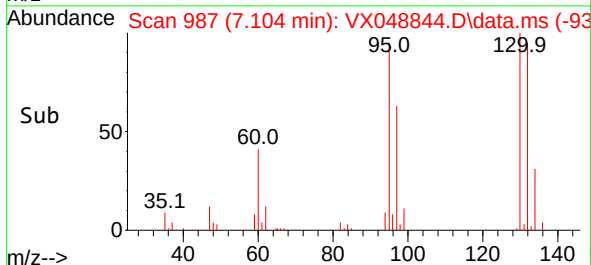
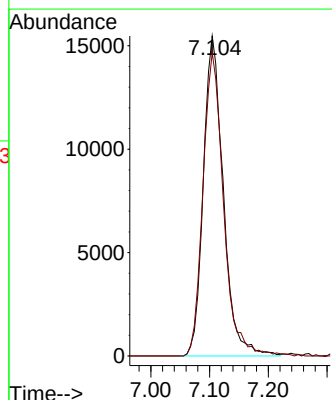
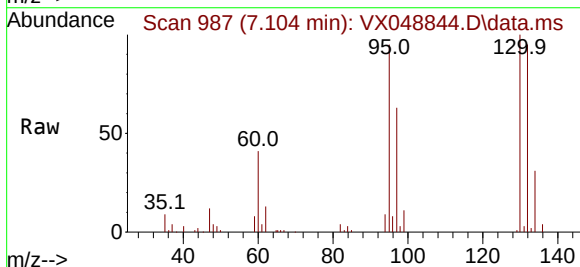
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

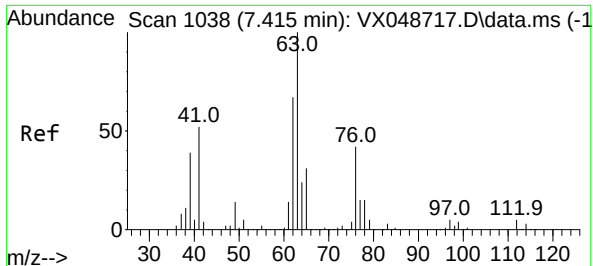
Tgt Ion: 43 Resp: 63025  
Ion Ratio Lower Upper  
43 100  
61 19.1 16.8 25.2  
87 12.5 11.8 17.6



#44  
Trichloroethene  
Concen: 20.886 ug/l  
RT: 7.104 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion:130 Resp: 36525  
Ion Ratio Lower Upper  
130 100  
95 94.8 0.0 189.6





#45

1,2-Dichloropropane

Concen: 22.289 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

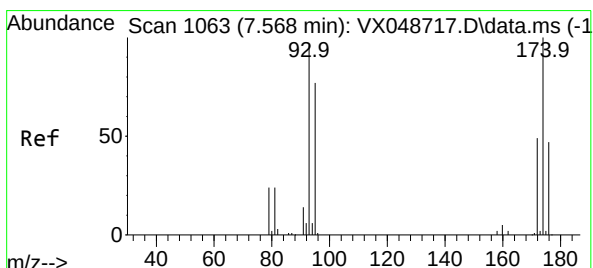
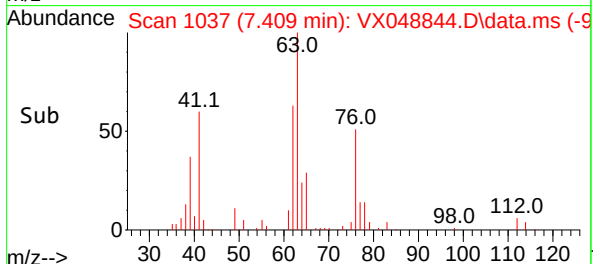
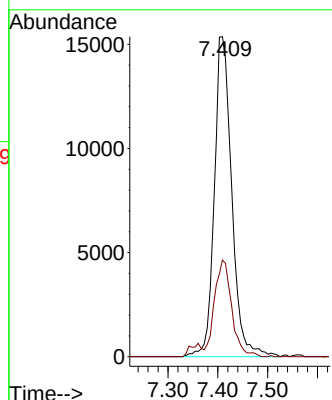
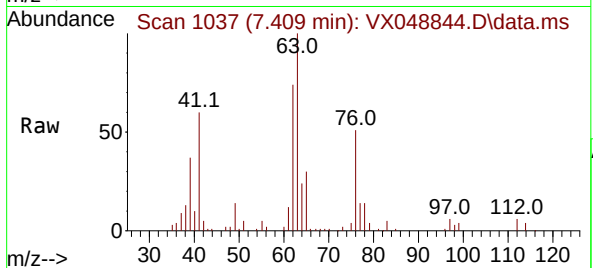
VX1212WBSD01

Tgt Ion: 63 Resp: 37339

Ion Ratio Lower Upper

63 100

65 30.2 24.5 36.7



#46

Dibromomethane

Concen: 20.794 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

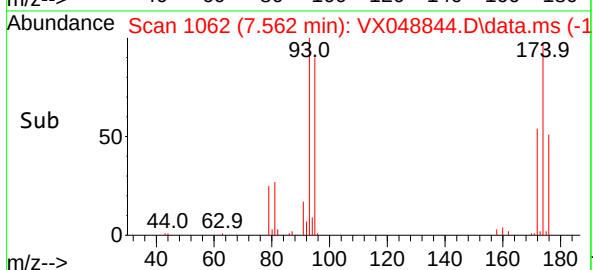
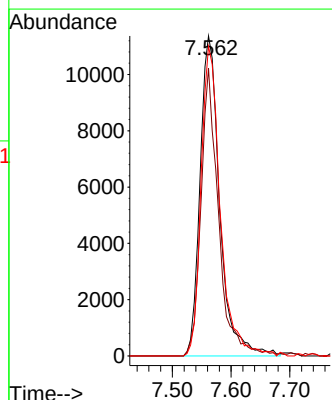
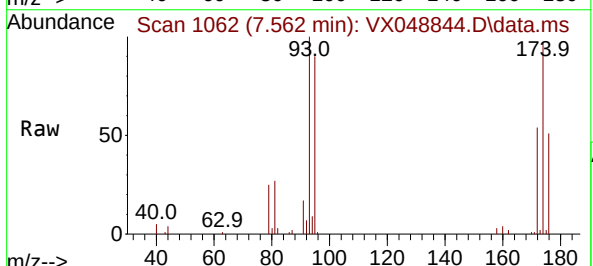
Tgt Ion: 93 Resp: 26416

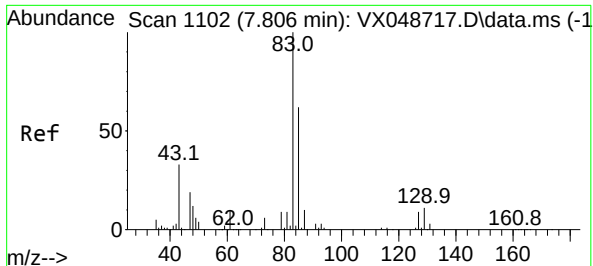
Ion Ratio Lower Upper

93 100

95 80.8 65.5 98.3

174 94.7 82.0 123.0

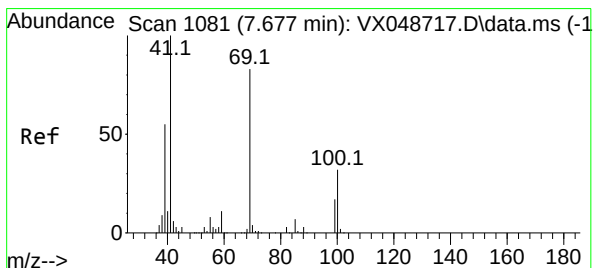
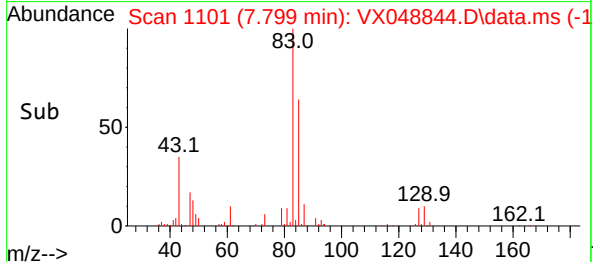
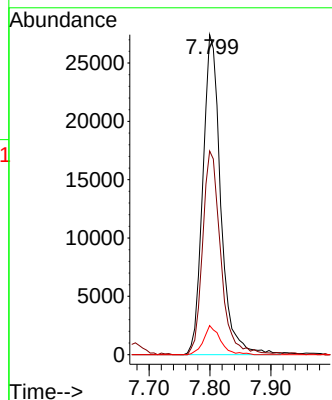
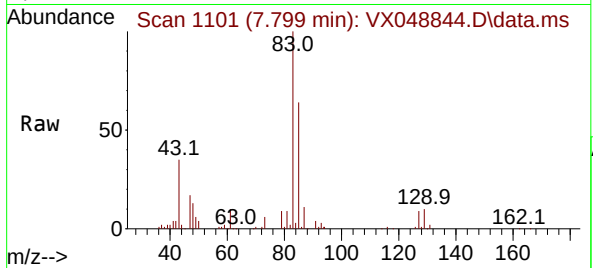




#47  
Bromodichloromethane  
Concen: 21.185 ug/l  
RT: 7.799 min Scan# 1102  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

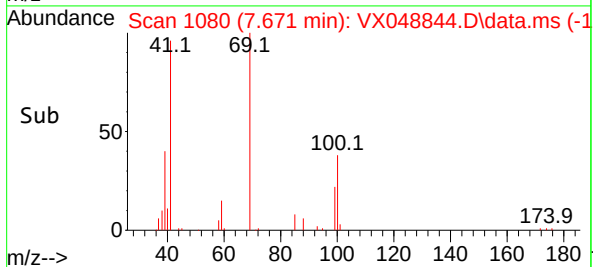
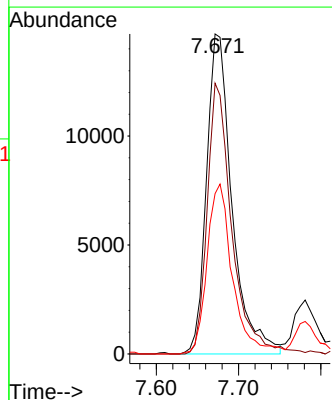
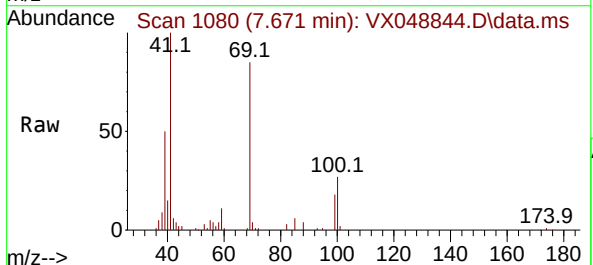
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

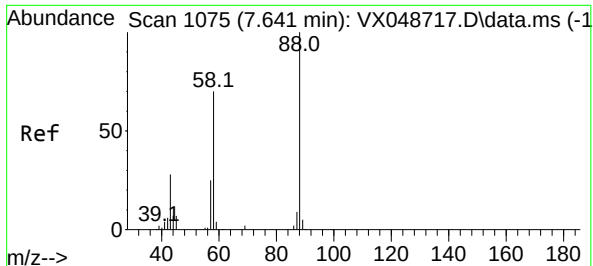
Tgt Ion: 83 Resp: 56110  
Ion Ratio Lower Upper  
83 100  
85 63.6 49.8 74.8  
127 9.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 15.412 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 41 Resp: 31714  
Ion Ratio Lower Upper  
41 100  
69 81.5 68.5 102.7  
39 53.3 43.5 65.3





#49

1,4-Dioxane

Concen: 219.002 ug/l

RT: 7.641 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

VX1212WBSD01

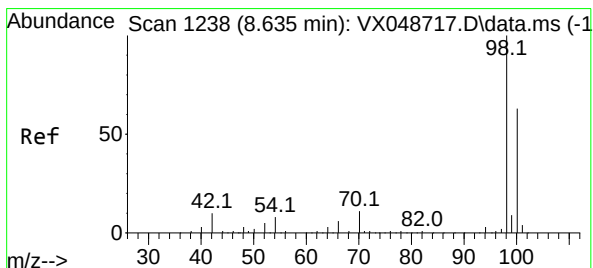
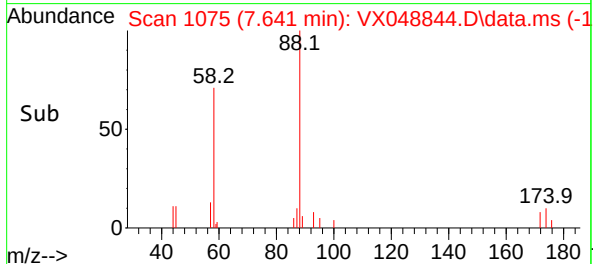
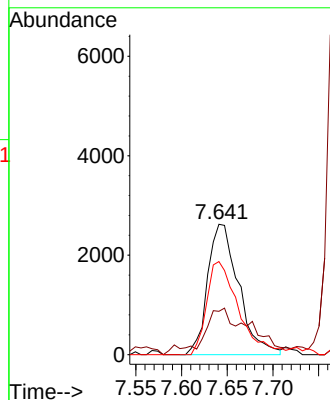
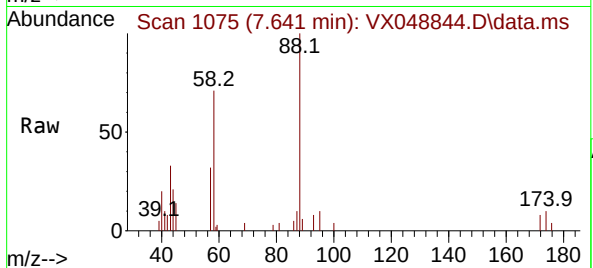
Tgt Ion: 88 Resp: 6198

Ion Ratio Lower Upper

88 100

43 0.0 28.6 43.0#

58 73.5 58.0 87.0



#50

Toluene-d8

Concen: 56.395 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048844.D

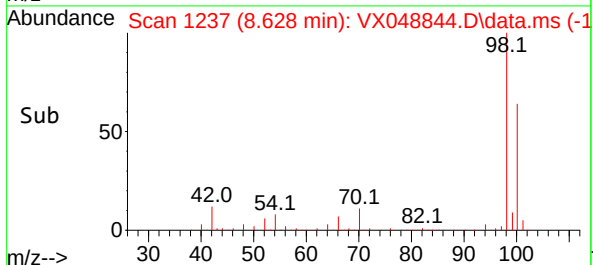
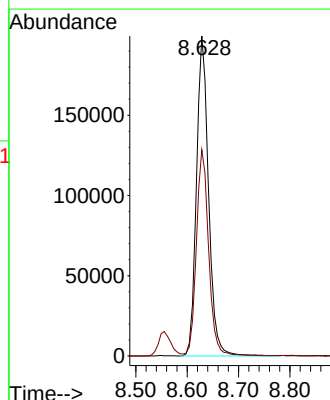
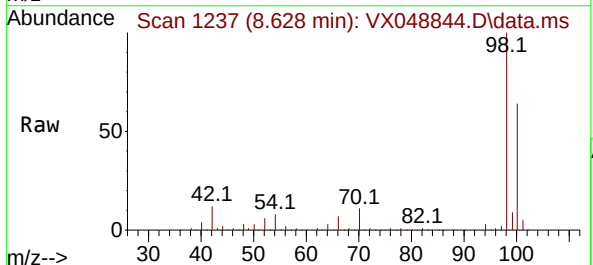
Acq: 12 Dec 2025 11:20

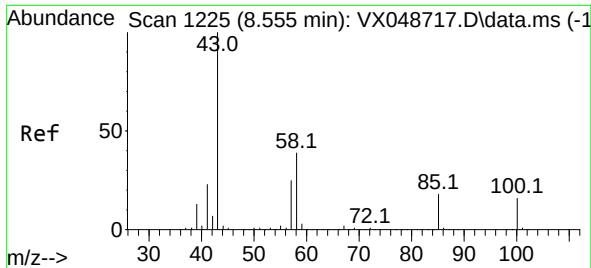
Tgt Ion: 98 Resp: 326317

Ion Ratio Lower Upper

98 100

100 65.2 53.4 80.0

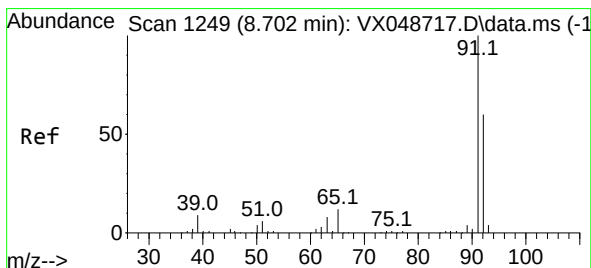
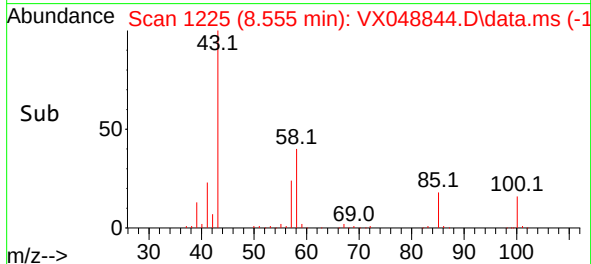
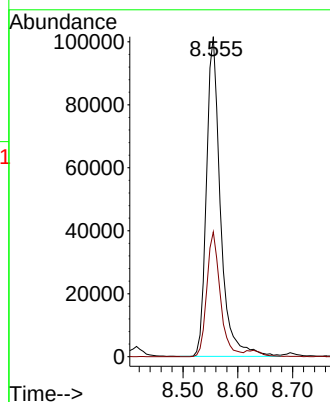
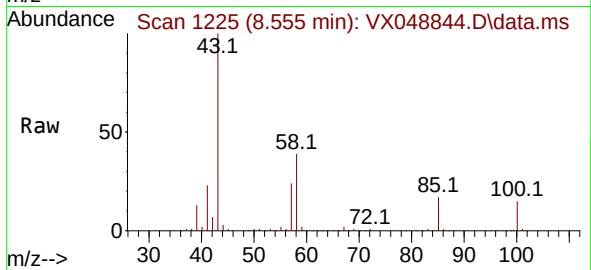




#51  
4-Methyl-2-Pentanone  
Concen: 70.888 ug/l  
RT: 8.555 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

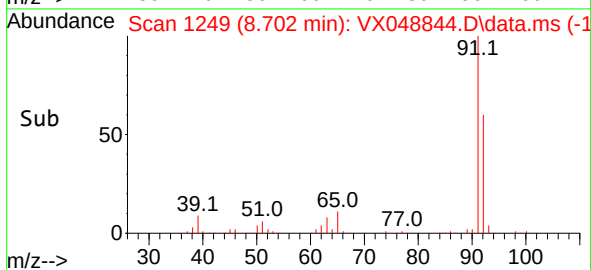
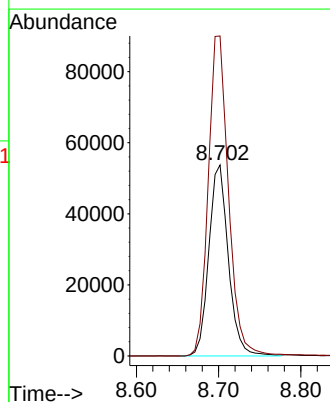
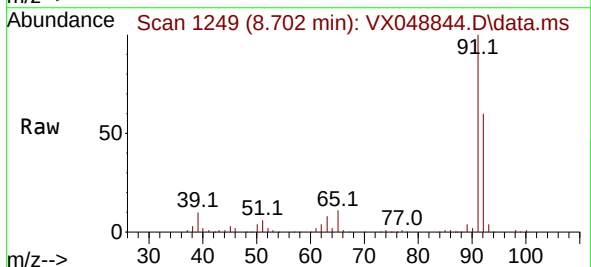
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

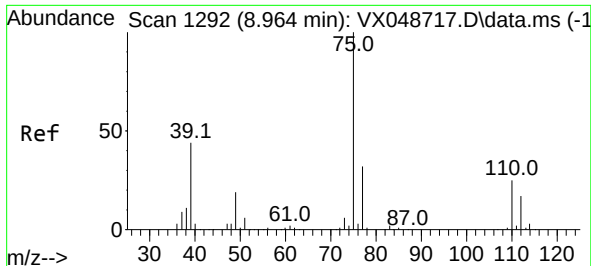
Tgt Ion: 43 Resp: 179993  
Ion Ratio Lower Upper  
43 100  
58 37.6 32.2 48.4



#52  
Toluene  
Concen: 21.974 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 92 Resp: 88810  
Ion Ratio Lower Upper  
92 100  
91 174.7 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 21.410 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

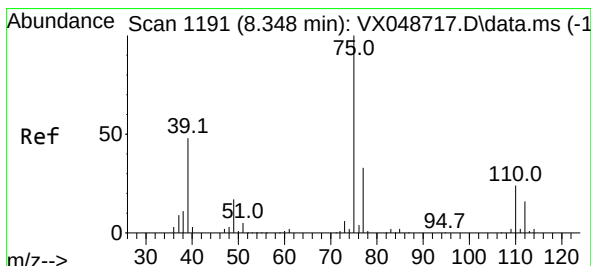
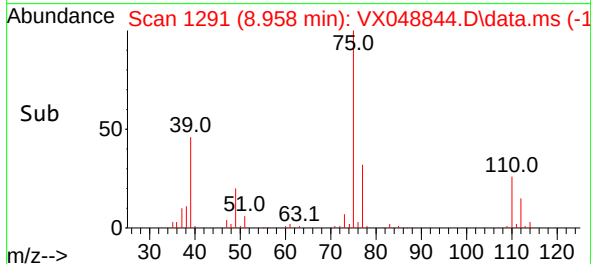
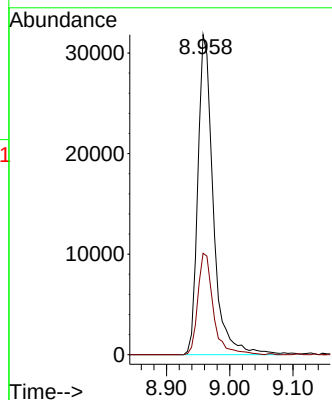
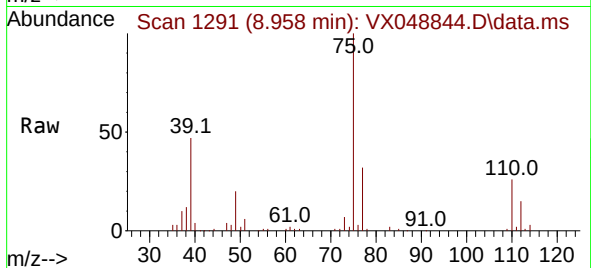
VX1212WBSD01

Tgt Ion: 75 Resp: 53948

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.829 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

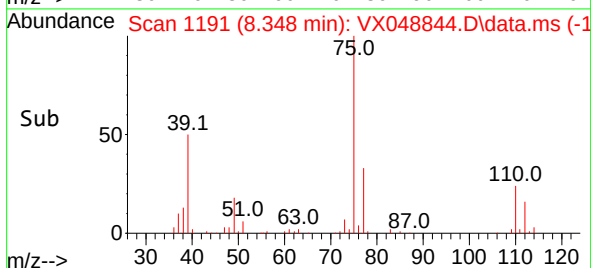
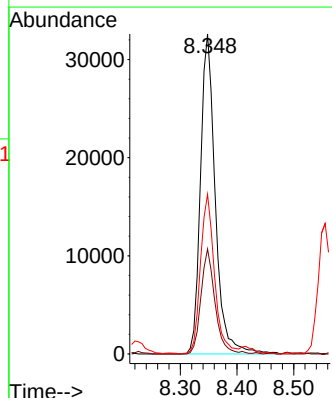
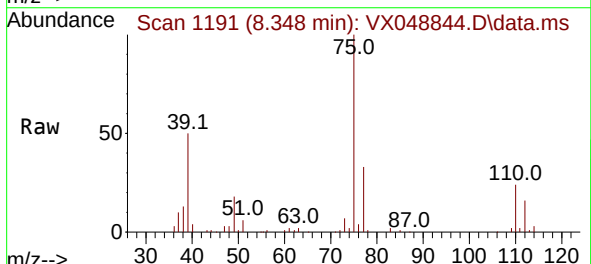
Tgt Ion: 75 Resp: 59113

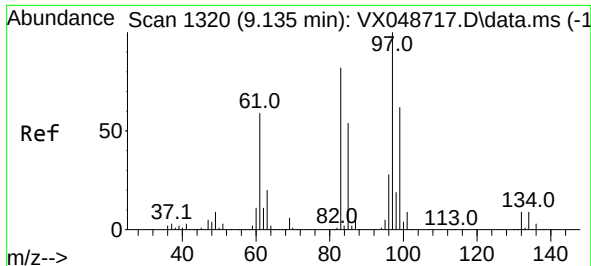
Ion Ratio Lower Upper

75 100

77 32.8 26.1 39.1

39 49.9 38.2 57.4

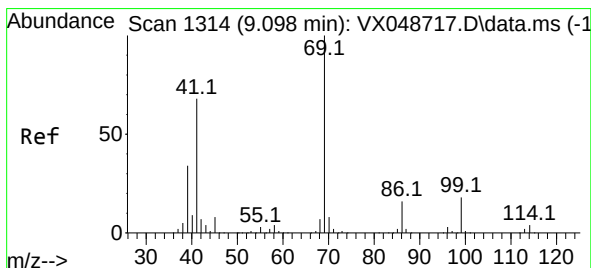
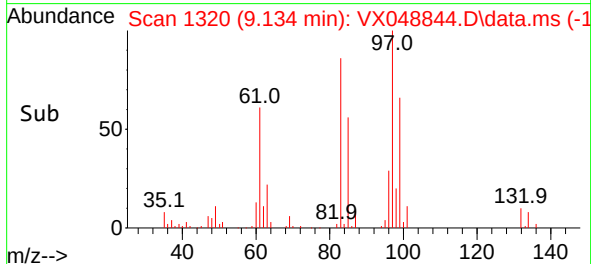
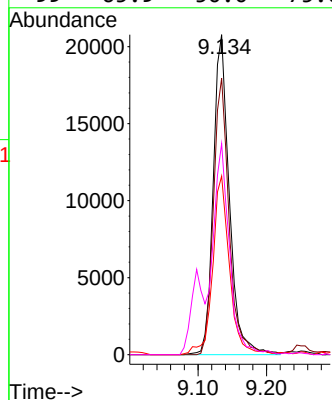
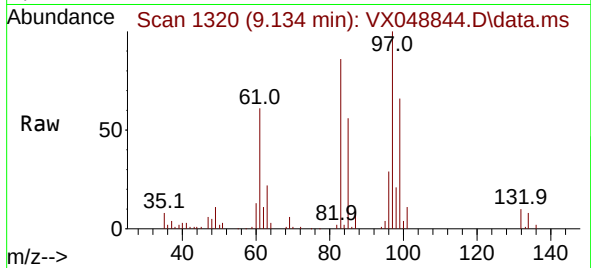




#55  
1,1,2-Trichloroethane  
Concen: 20.734 ug/l  
RT: 9.134 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

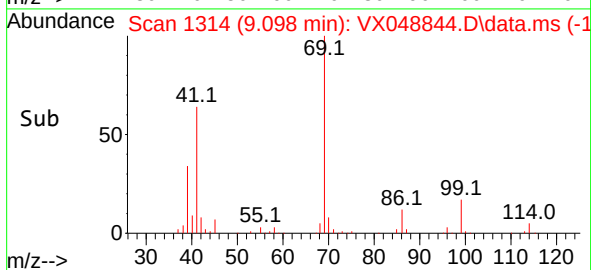
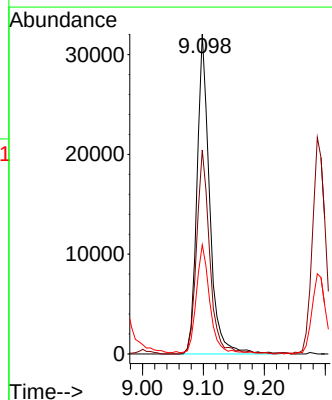
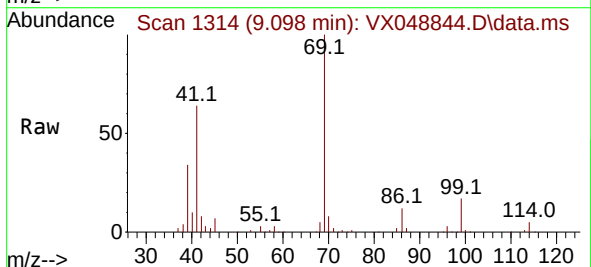
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 33717 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.4  | 66.0  | 99.0  |
| 85       | 55.8  | 43.2  | 64.8  |
| 99       | 65.9  | 50.0  | 75.0  |

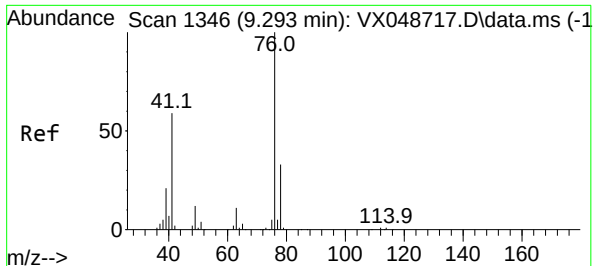


#56  
Ethyl methacrylate  
Concen: 18.100 ug/l  
RT: 9.098 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 46071 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.8  | 53.4  | 80.2  |
| 39       | 36.2  | 27.5  | 41.3  |







#57

1,3-Dichloropropane

Concen: 21.415 ug/l

RT: 9.287 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

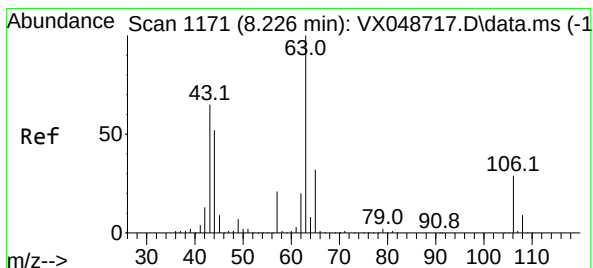
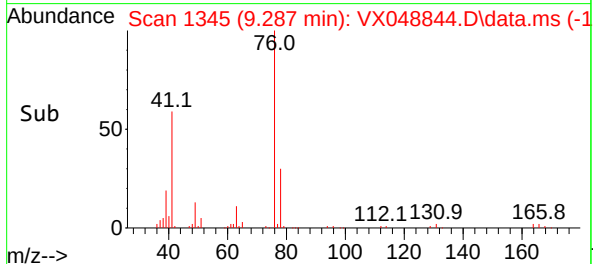
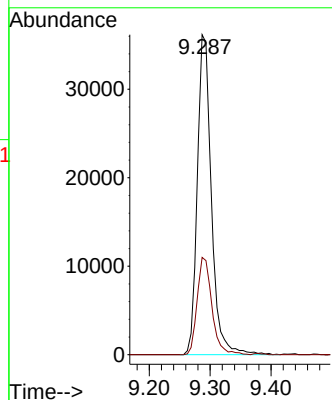
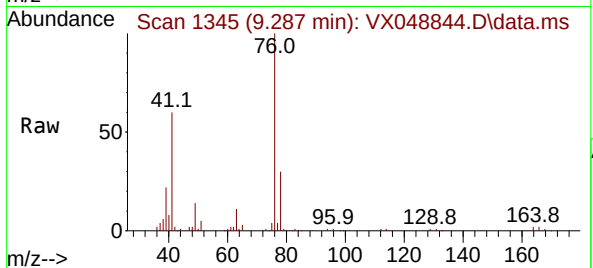
VX1212WBSD01

Tgt Ion: 76 Resp: 57907

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 82.632 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048844.D

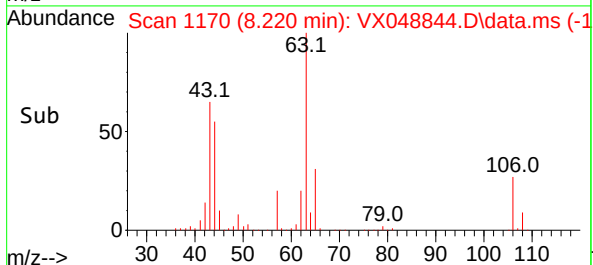
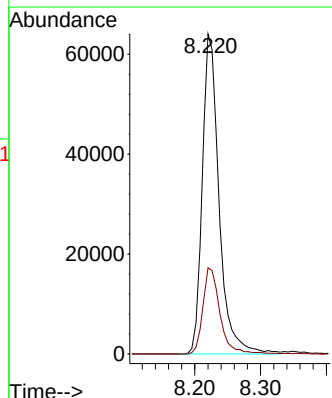
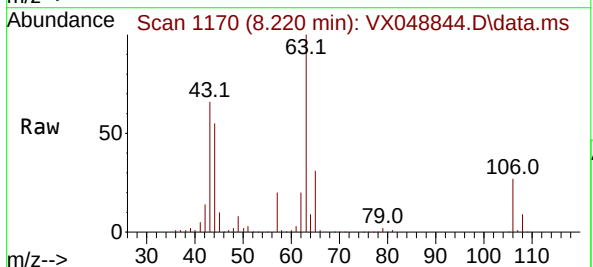
Acq: 12 Dec 2025 11:20

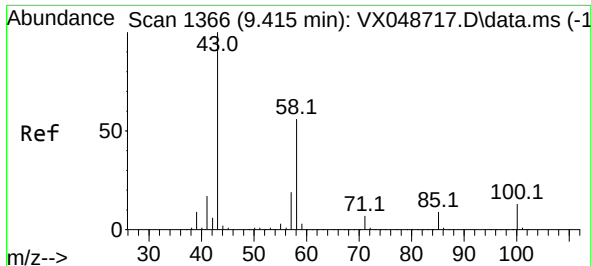
Tgt Ion: 63 Resp: 113678

Ion Ratio Lower Upper

63 100

106 27.5 23.4 35.2





#59

2-Hexanone

Concen: 66.063 ug/l

RT: 9.415 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

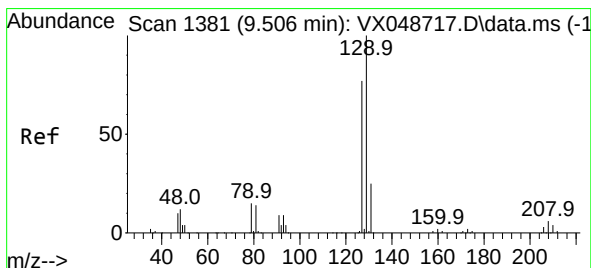
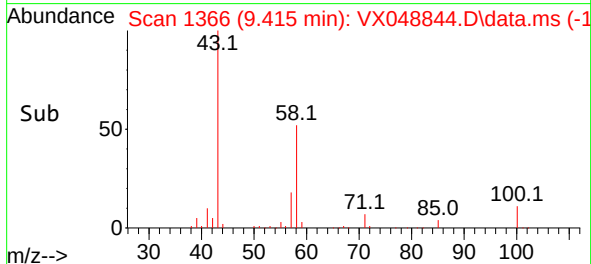
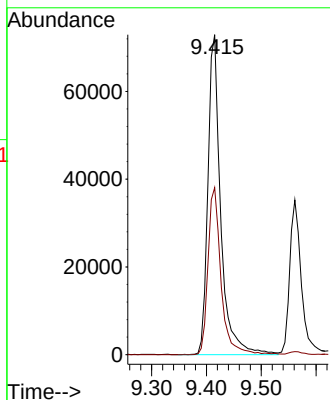
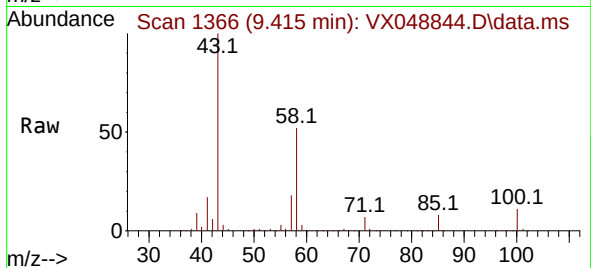
VX1212WBSD01

Tgt Ion: 43 Resp: 117751

Ion Ratio Lower Upper

43 100

58 53.4 27.8 83.4



#60

Dibromochloromethane

Concen: 21.128 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048844.D

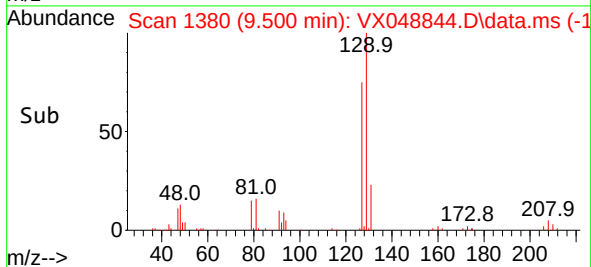
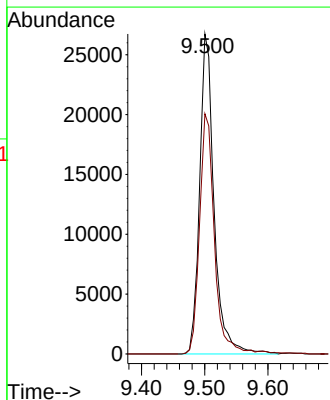
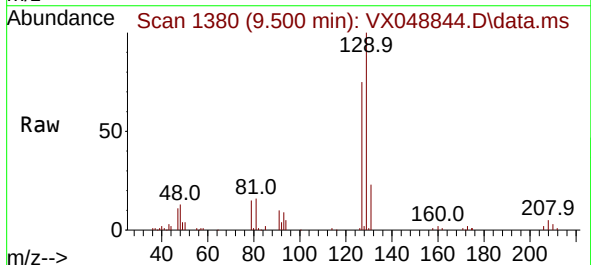
Acq: 12 Dec 2025 11:20

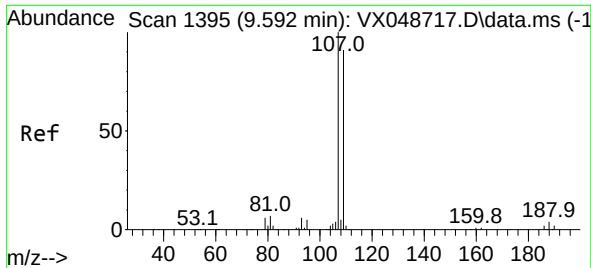
Tgt Ion: 129 Resp: 42485

Ion Ratio Lower Upper

129 100

127 78.3 38.3 114.9

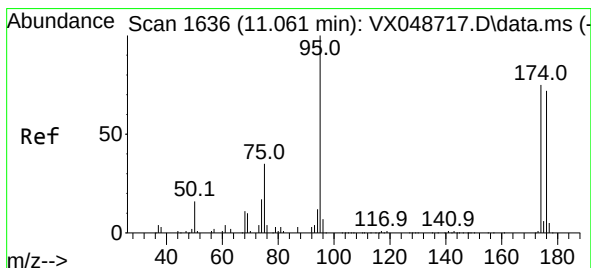
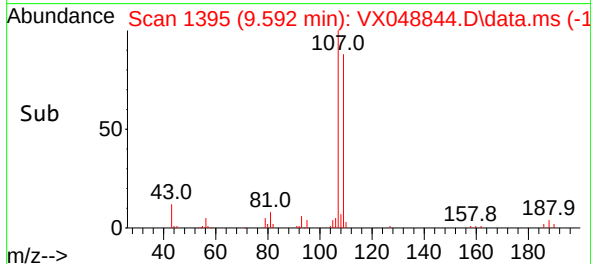
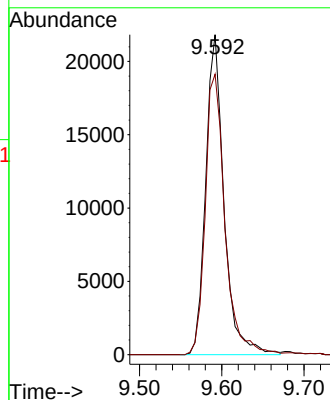
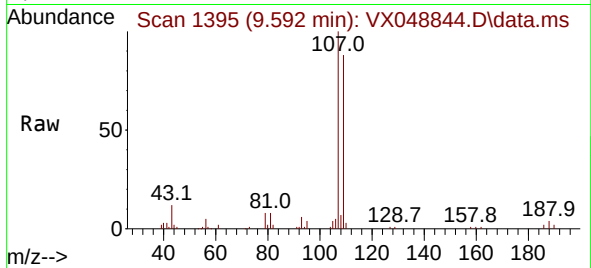




#61  
1,2-Dibromoethane  
Concen: 19.144 ug/l  
RT: 9.592 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

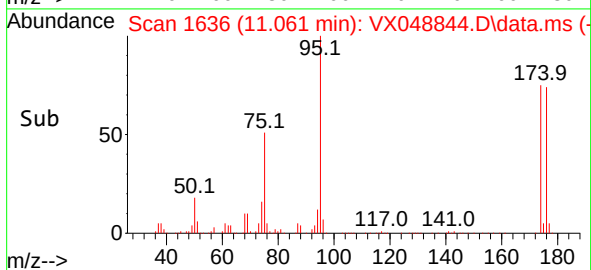
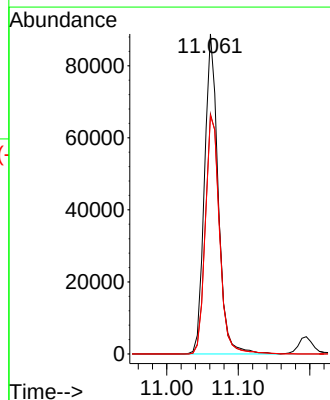
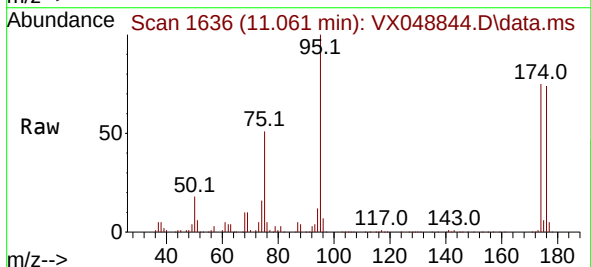
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MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

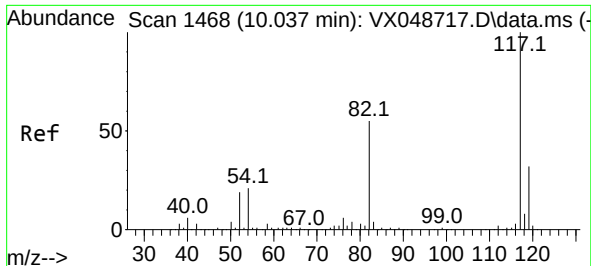
Tgt Ion:107 Resp: 33693  
Ion Ratio Lower Upper  
107 100  
109 94.4 74.9 112.3



#62  
4-Bromofluorobenzene  
Concen: 59.205 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 95 Resp: 118132  
Ion Ratio Lower Upper  
95 100  
174 78.5 0.0 157.8  
176 77.1 0.0 154.0

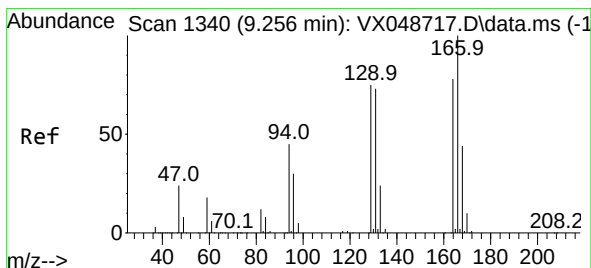
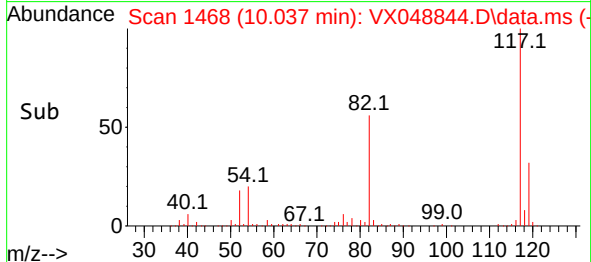
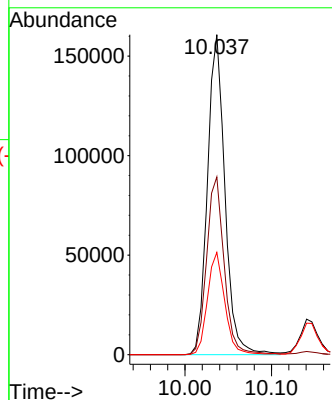
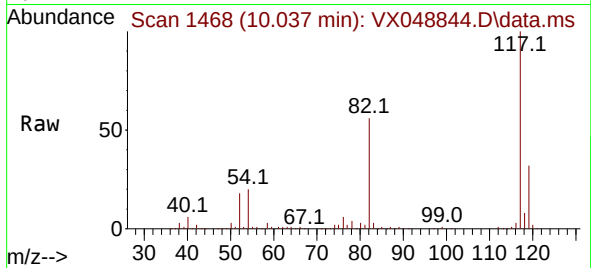




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

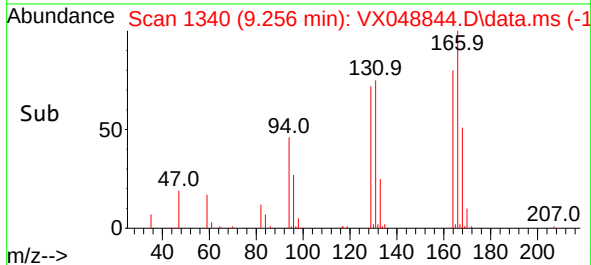
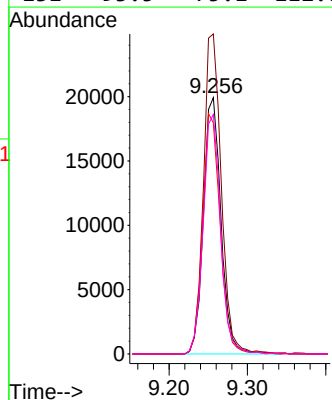
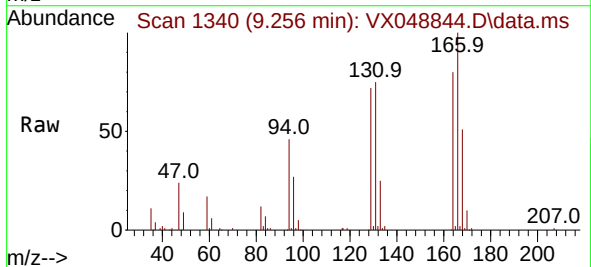
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

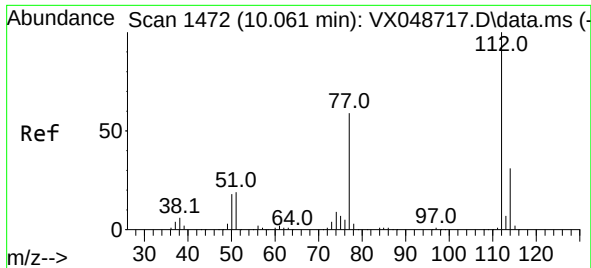
Tgt Ion:117 Resp: 225518  
Ion Ratio Lower Upper  
117 100  
82 55.6 44.1 66.1  
119 32.0 25.2 37.8



#64  
Tetrachloroethene  
Concen: 18.851 ug/l  
RT: 9.256 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion:164 Resp: 30988  
Ion Ratio Lower Upper  
164 100  
166 124.9 103.1 154.7  
129 90.2 76.9 115.3  
131 93.5 75.1 112.7

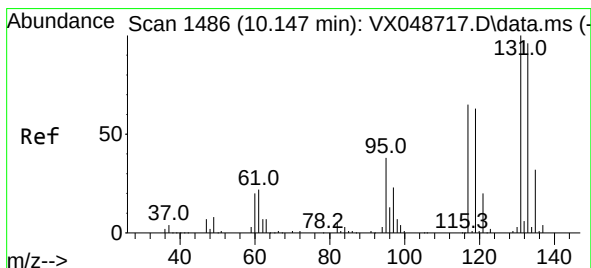
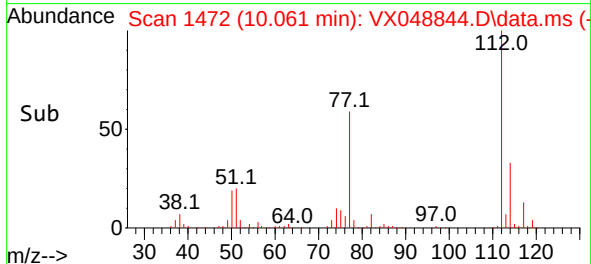
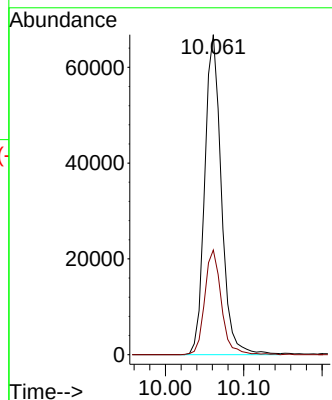
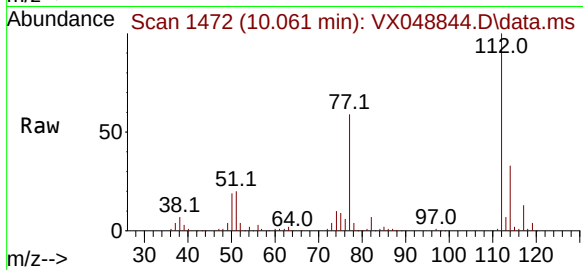




#65  
Chlorobenzene  
Concen: 19.943 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

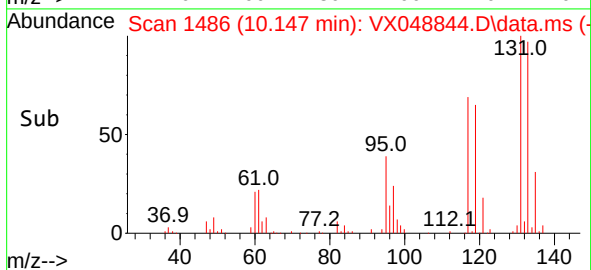
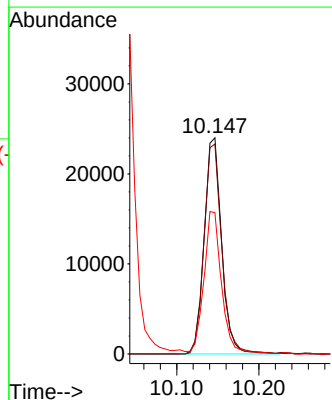
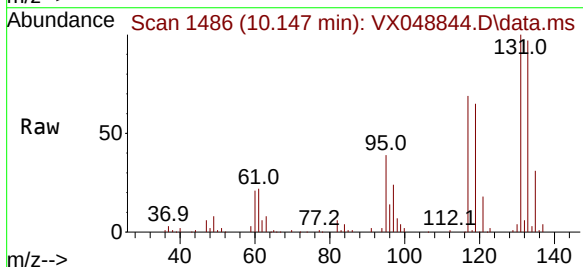
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

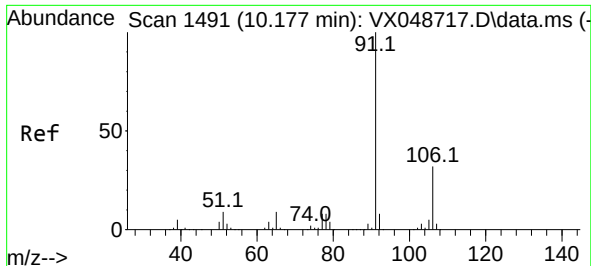
Tgt Ion:112 Resp: 98444  
Ion Ratio Lower Upper  
112 100  
114 32.7 24.8 37.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.040 ug/l  
RT: 10.147 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion:131 Resp: 35383  
Ion Ratio Lower Upper  
131 100  
133 99.0 48.3 144.8  
119 66.2 32.6 97.7





#67

Ethyl Benzene

Concen: 20.442 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

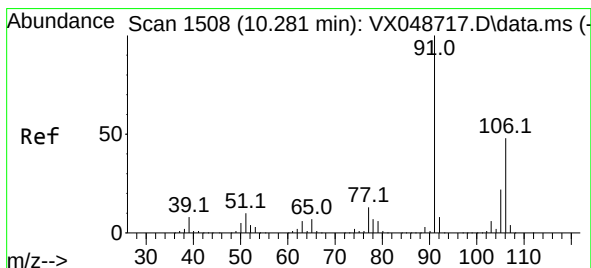
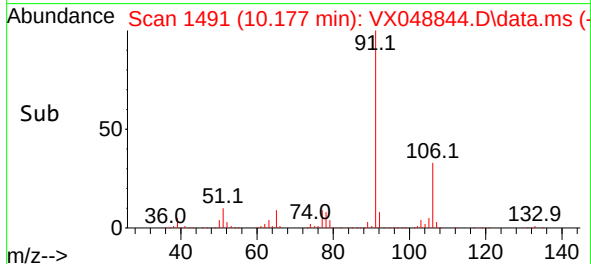
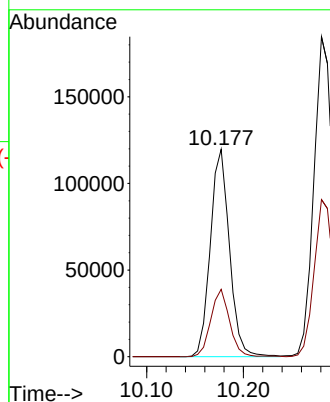
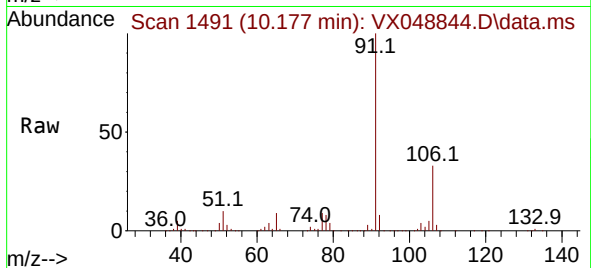
VX1212WBSD01

Tgt Ion: 91 Resp: 164662

Ion Ratio Lower Upper

91 100

106 32.5 25.3 37.9



#68

m/p-Xylenes

Concen: 41.018 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VX048844.D

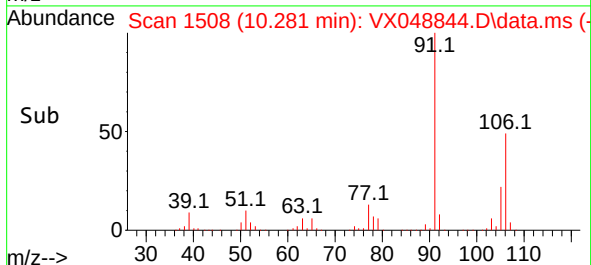
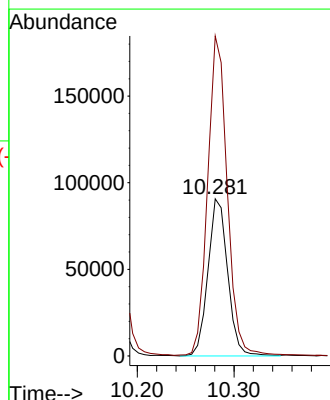
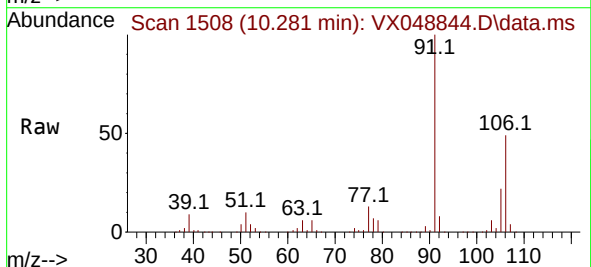
Acq: 12 Dec 2025 11:20

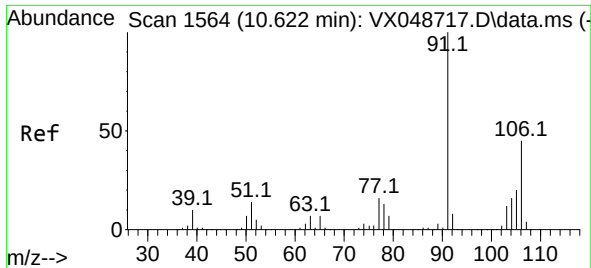
Tgt Ion:106 Resp: 128702

Ion Ratio Lower Upper

106 100

91 203.9 164.2 246.4

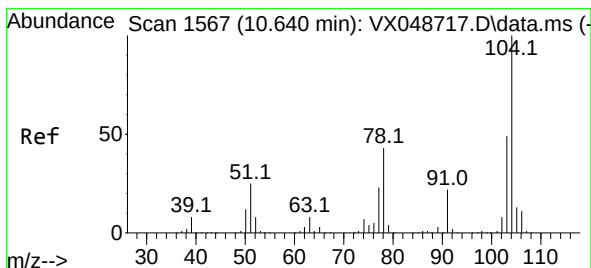
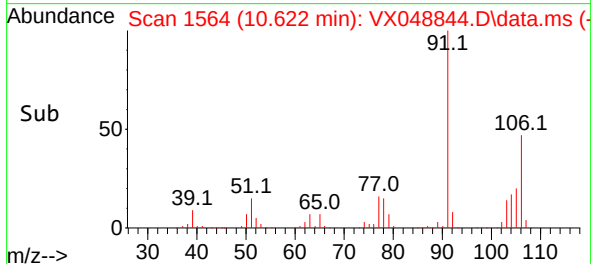
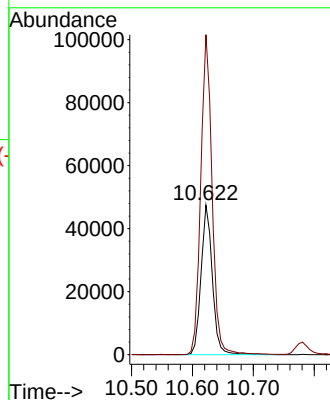
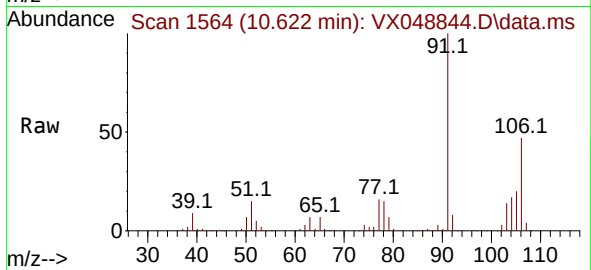




#69  
o-Xylene  
Concen: 20.859 ug/l  
RT: 10.622 min Scan# 1564  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

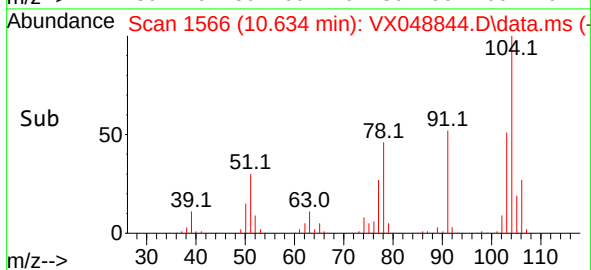
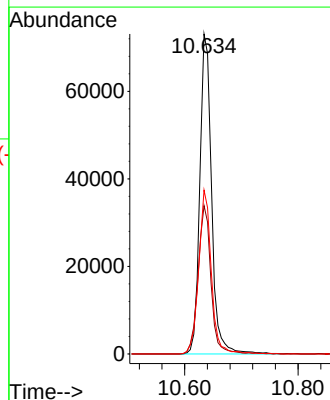
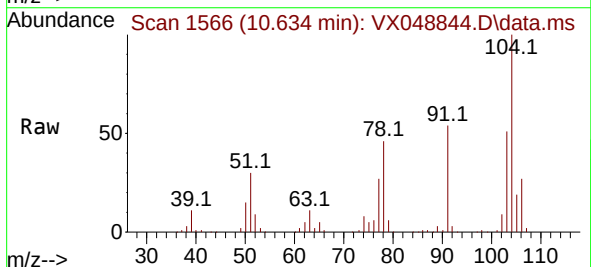
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

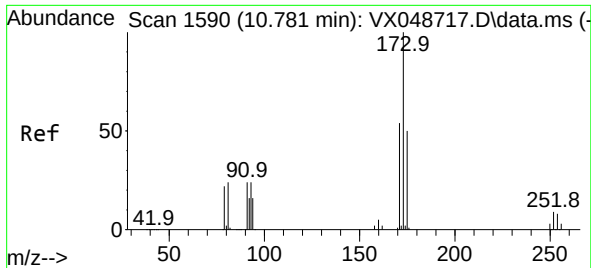
Tgt Ion:106 Resp: 61329  
Ion Ratio Lower Upper  
106 100  
91 214.6 108.1 324.3



#70  
Styrene  
Concen: 20.883 ug/l  
RT: 10.634 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion:104 Resp: 105407  
Ion Ratio Lower Upper  
104 100  
78 50.5 40.6 60.8  
103 55.0 43.4 65.2

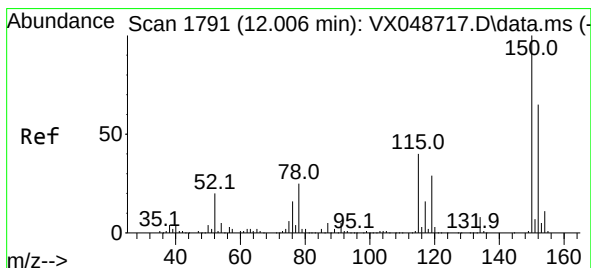
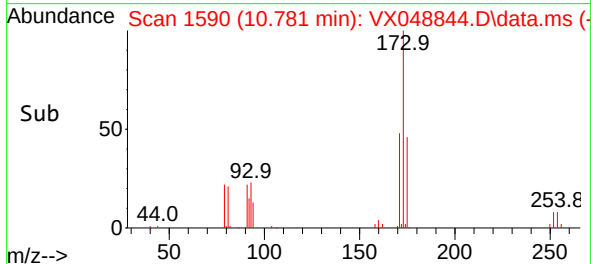
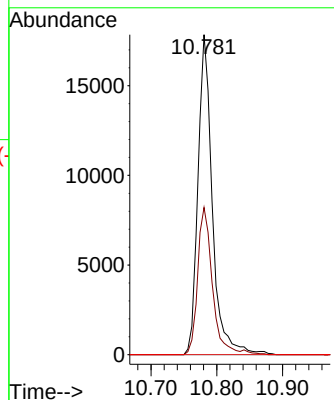
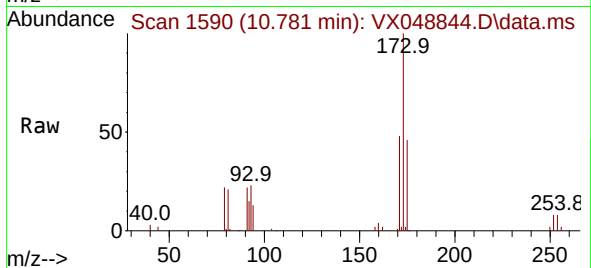




#71  
Bromoform  
Concen: 17.218 ug/l  
RT: 10.781 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

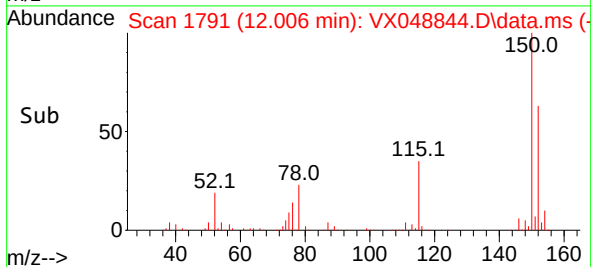
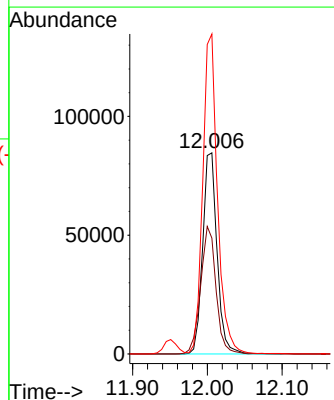
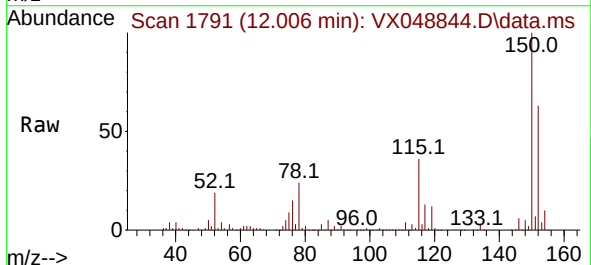
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

Tgt Ion:173 Resp: 27140  
Ion Ratio Lower Upper  
173 100  
175 47.5 24.3 72.8  
254 0.0 0.1 0.1#

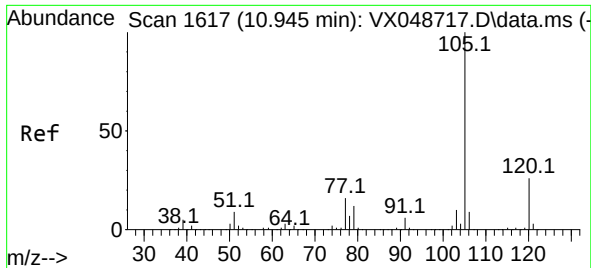


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion:152 Resp: 113256  
Ion Ratio Lower Upper  
152 100  
115 67.5 42.1 126.4  
150 163.4 0.0 347.8



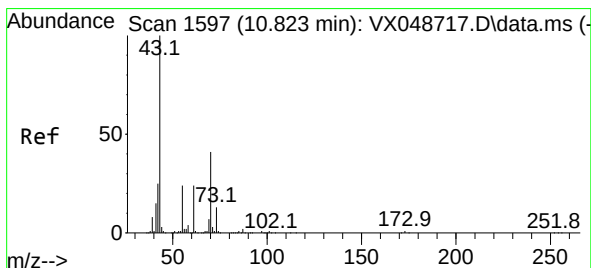
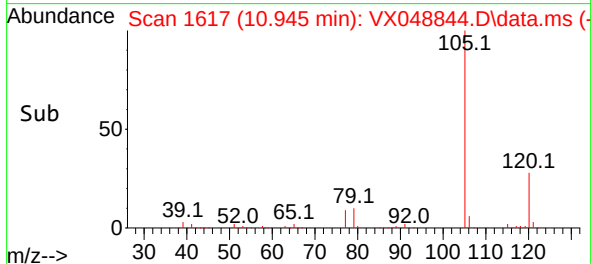
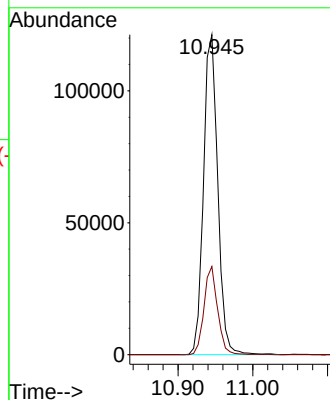
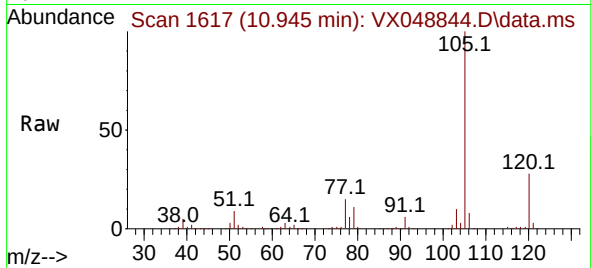




#73  
Isopropylbenzene  
Concen: 21.019 ug/l  
RT: 10.945 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

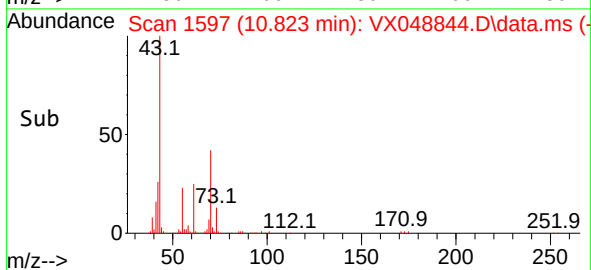
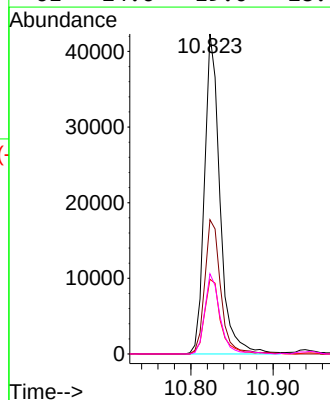
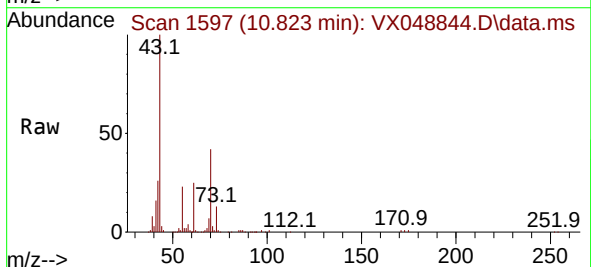
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

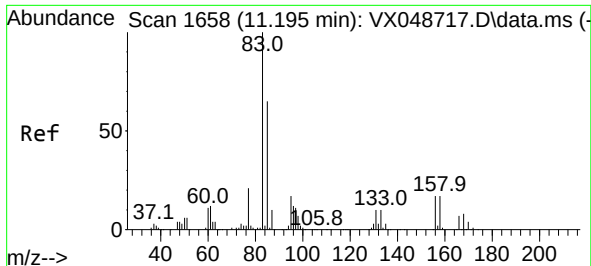
Tgt Ion:105 Resp: 160418  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.2 39.5



#74  
N-ethyl acetate  
Concen: 16.734 ug/l  
RT: 10.823 min Scan# 1597  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 43 Resp: 55494  
Ion Ratio Lower Upper  
43 100  
70 43.2 33.9 50.9  
55 24.4 19.1 28.7  
61 24.6 19.0 28.6

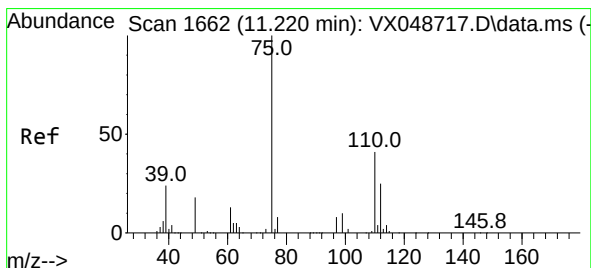
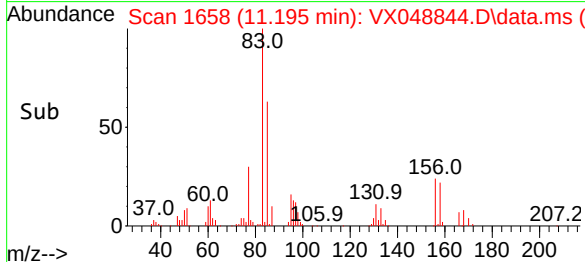
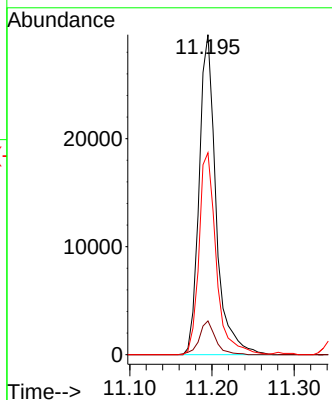
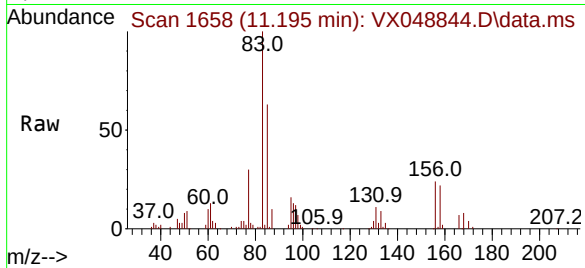




#75  
 1,1,2-Tetrachloroethane  
 Concen: 16.424 ug/l  
 RT: 11.195 min Scan# 1658  
 Delta R.T. -0.000 min  
 Lab File: VX048844.D  
 Acq: 12 Dec 2025 11:20

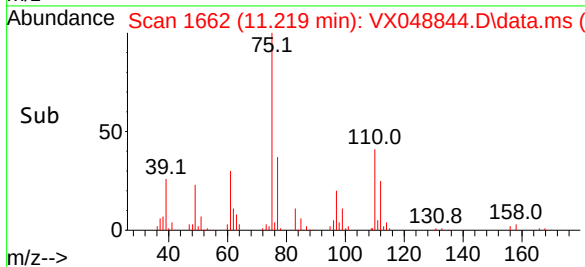
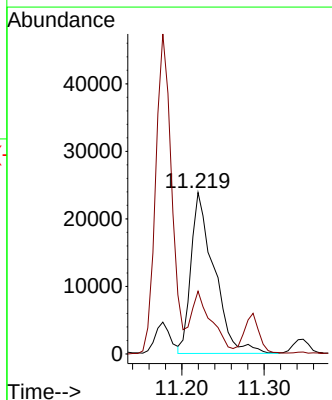
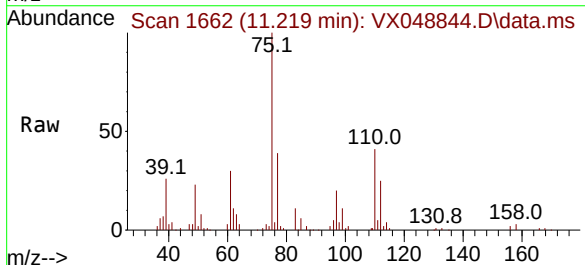
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1212WBSD01

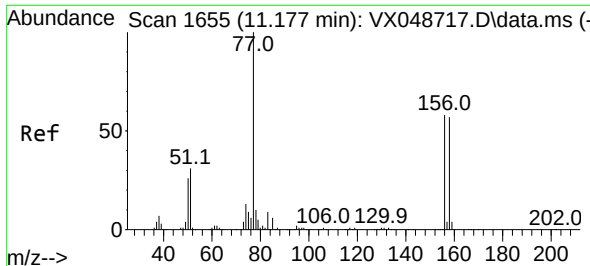
Tgt Ion: 83 Resp: 42294  
 Ion Ratio Lower Upper  
 83 100  
 131 10.2 4.9 14.7  
 85 64.3 31.9 95.7



#76  
 1,2,3-Trichloropropane  
 Concen: 22.050 ug/l  
 RT: 11.219 min Scan# 1662  
 Delta R.T. -0.000 min  
 Lab File: VX048844.D  
 Acq: 12 Dec 2025 11:20

Tgt Ion: 75 Resp: 46512  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 24.3 73.0

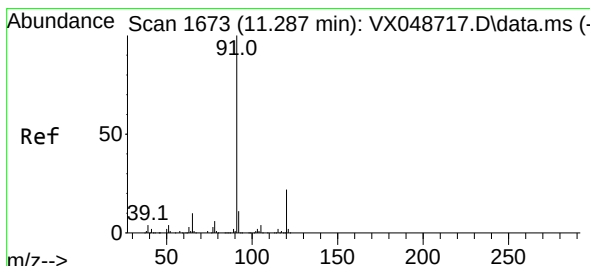
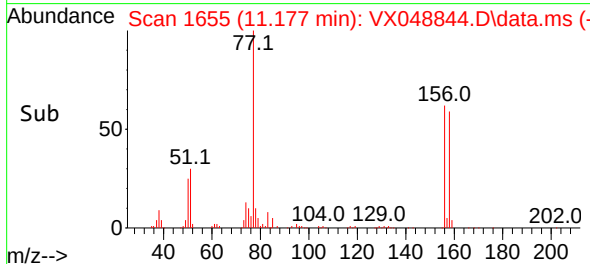
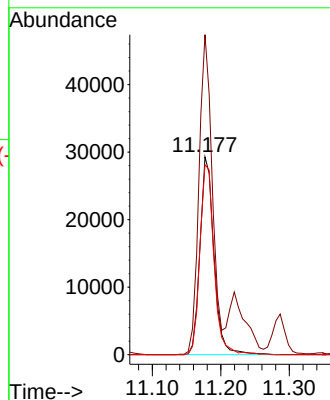
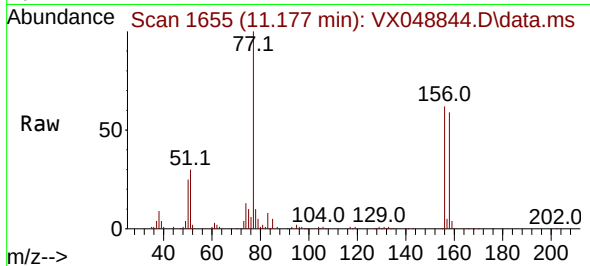




#77  
Bromobenzene  
Concen: 20.544 ug/l  
RT: 11.177 min Scan# 1655  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

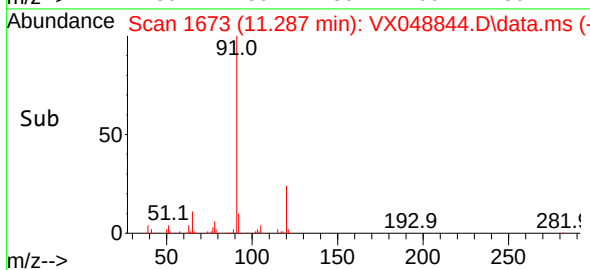
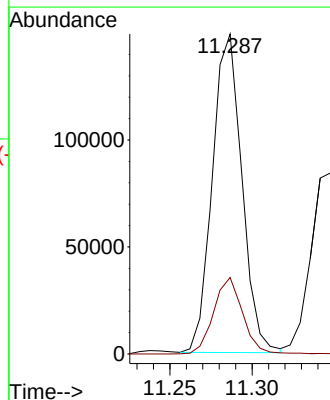
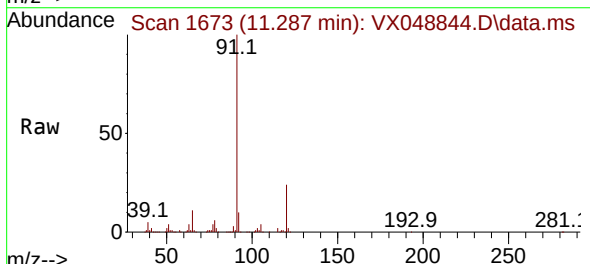
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

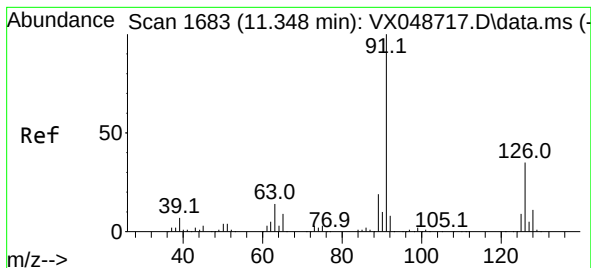
Tgt Ion:156 Resp: 41849  
Ion Ratio Lower Upper  
156 100  
77 152.3 80.3 240.9  
158 96.8 48.9 146.6



#78  
n-propylbenzene  
Concen: 21.036 ug/l  
RT: 11.287 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 91 Resp: 185950  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.4 34.2

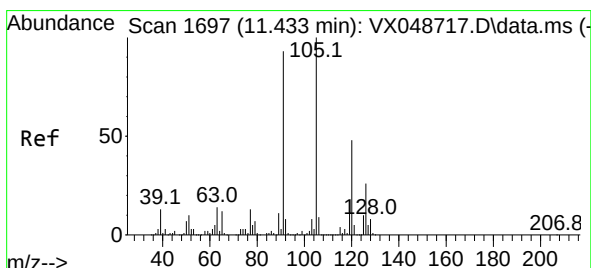
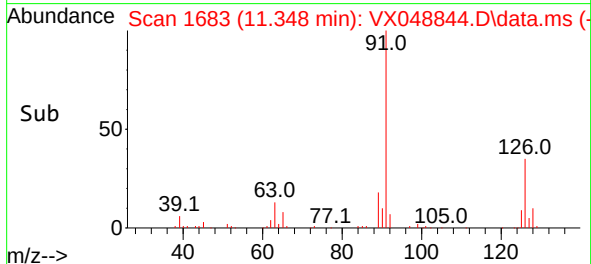
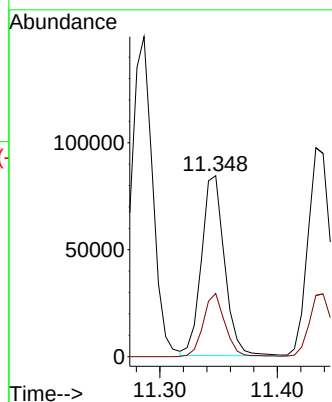
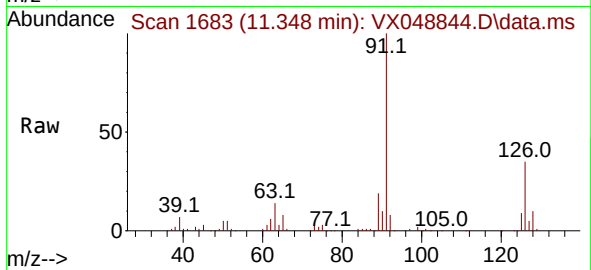




#79  
2-Chlorotoluene  
Concen: 21.267 ug/l  
RT: 11.348 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

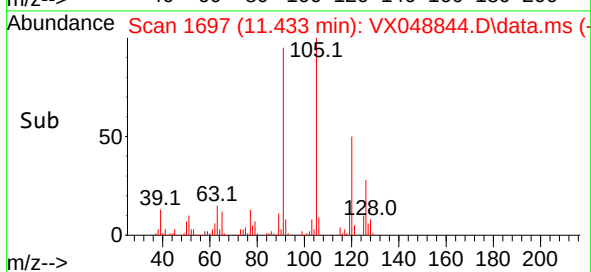
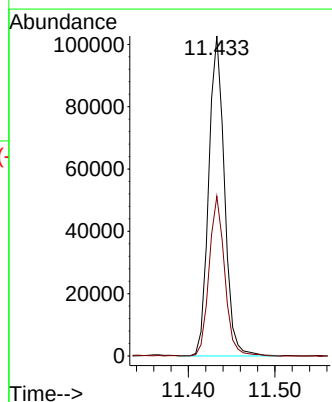
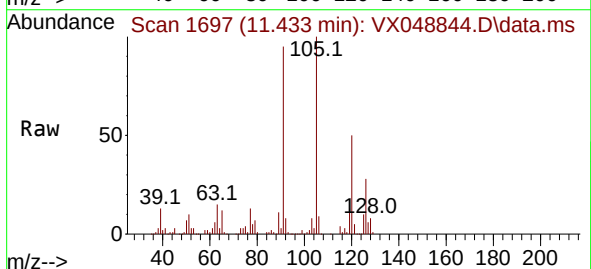
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

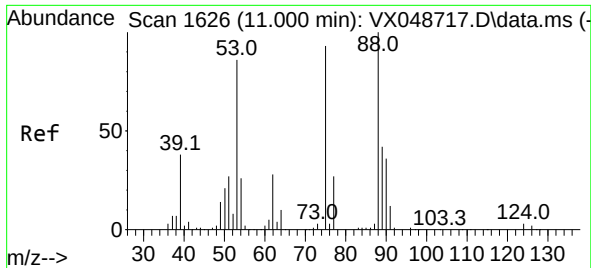
Tgt Ion: 91 Resp: 114632  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.8 50.3



#80  
1,3,5-Trimethylbenzene  
Concen: 20.617 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 105 Resp: 129338  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.4 73.2

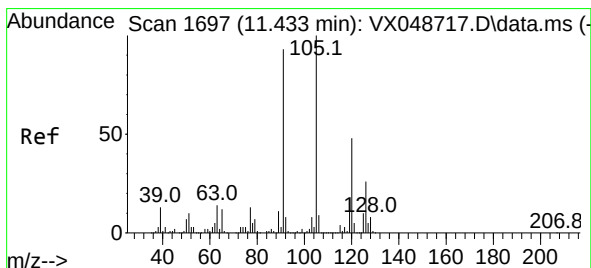
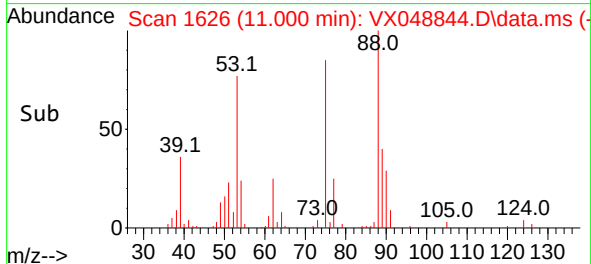
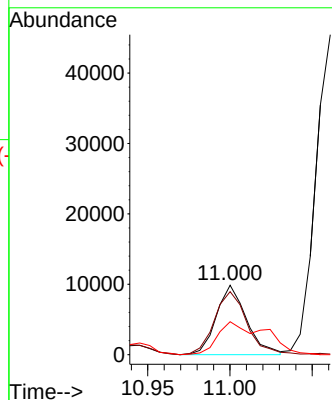
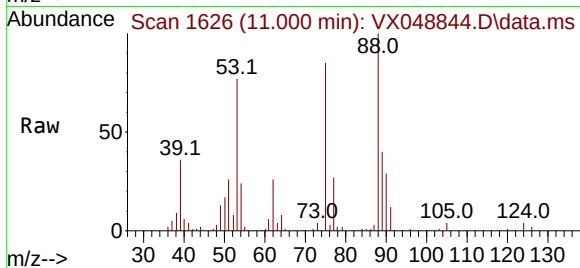




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 14.165 ug/l  
 RT: 11.000 min Scan# 1626  
 Delta R.T. -0.000 min  
 Lab File: VX048844.D  
 Acq: 12 Dec 2025 11:20

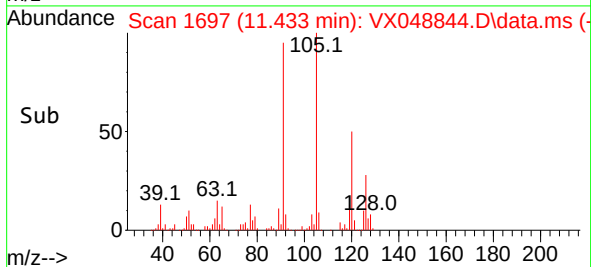
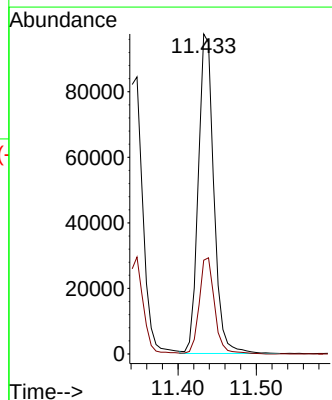
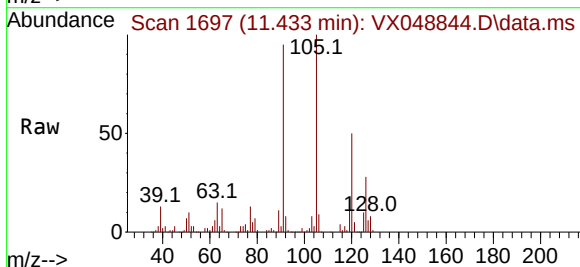
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1212WBSD01

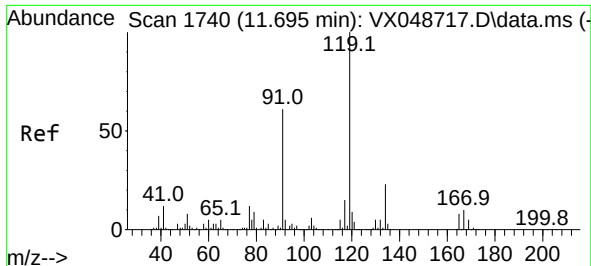
Tgt Ion: 75 Resp: 12579  
 Ion Ratio Lower Upper  
 75 100  
 53 98.1 79.9 119.9  
 89 75.4 67.1 100.7



#82  
 4-Chlorotoluene  
 Concen: 21.420 ug/l  
 RT: 11.433 min Scan# 1697  
 Delta R.T. -0.000 min  
 Lab File: VX048844.D  
 Acq: 12 Dec 2025 11:20

Tgt Ion: 91 Resp: 134736  
 Ion Ratio Lower Upper  
 91 100  
 126 29.8 14.7 44.1

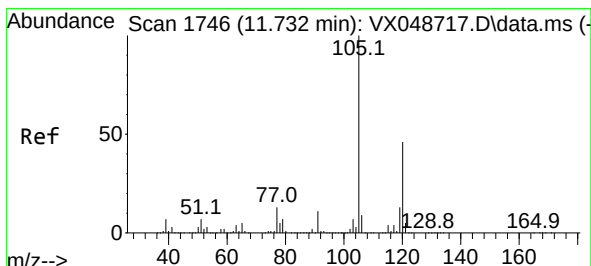
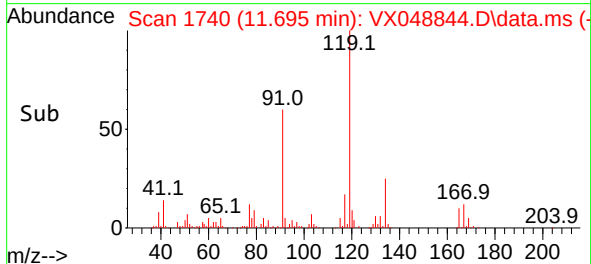
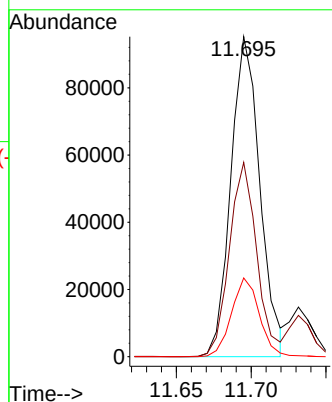
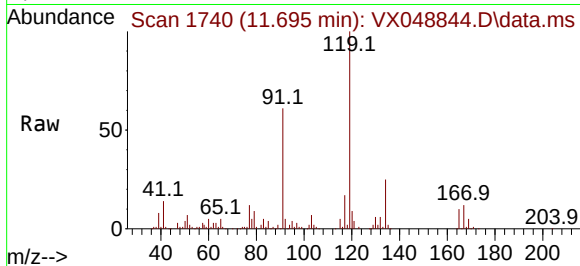




#83  
tert-Butylbenzene  
Concen: 19.743 ug/l  
RT: 11.695 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

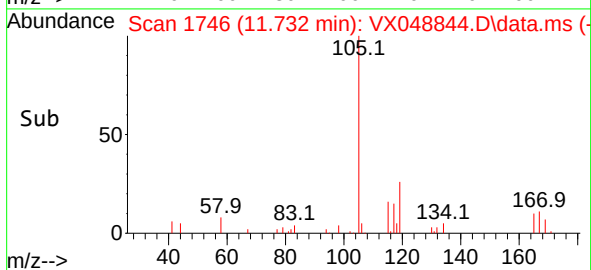
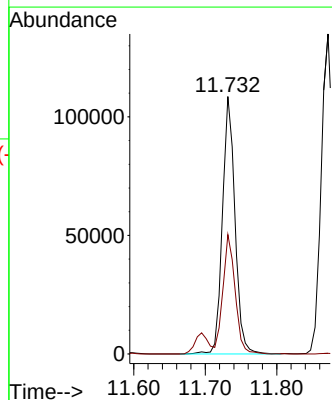
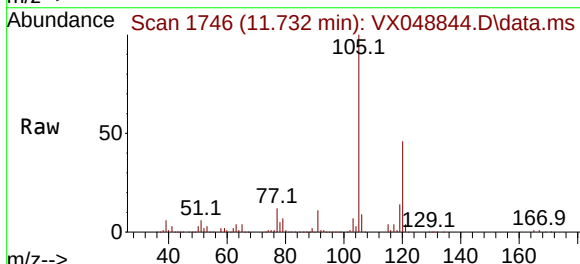
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

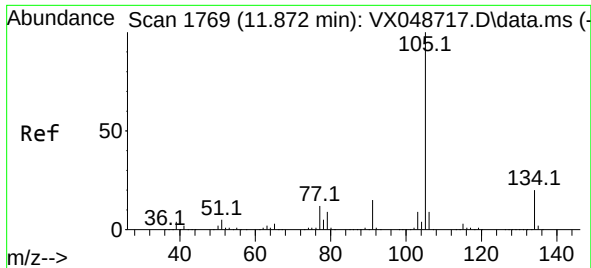
Tgt Ion:119 Resp: 128694  
Ion Ratio Lower Upper  
119 100  
91 57.5 28.4 85.2  
134 23.7 11.2 33.5



#84  
1,2,4-Trimethylbenzene  
Concen: 20.982 ug/l  
RT: 11.732 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion:105 Resp: 132778  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.3 66.8

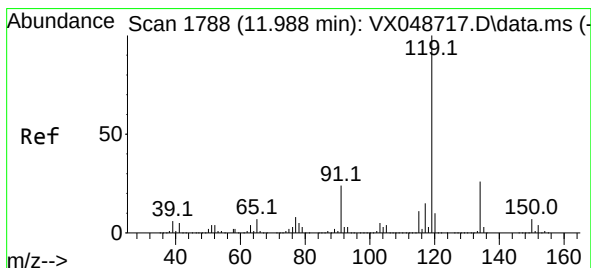
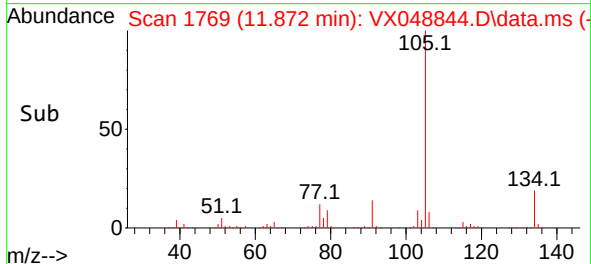
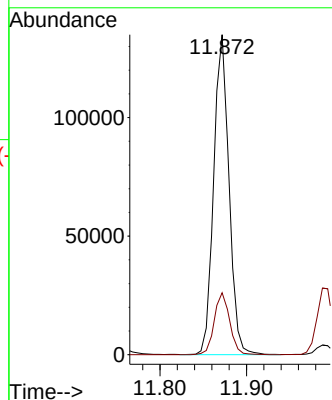
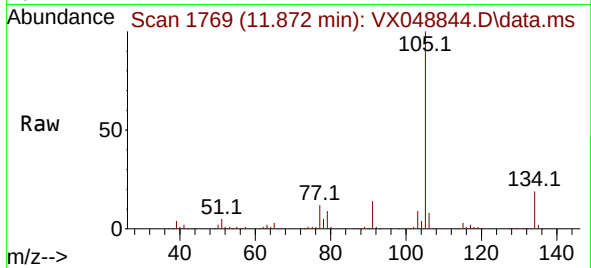




#85  
sec-Butylbenzene  
Concen: 20.995 ug/l  
RT: 11.872 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

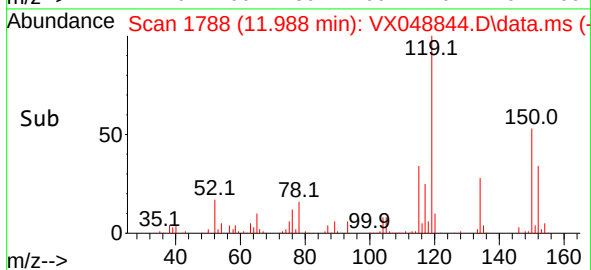
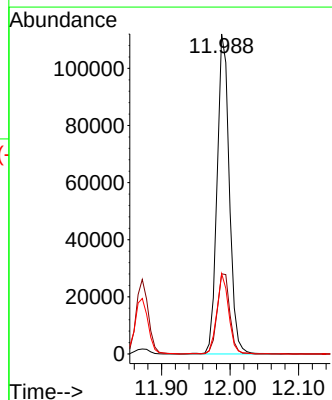
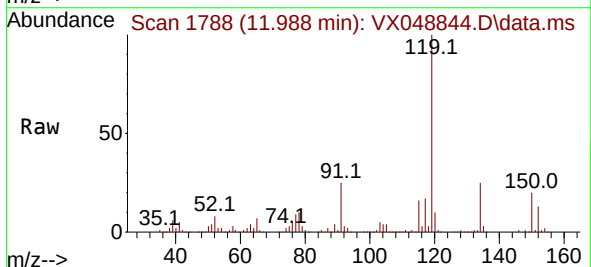
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

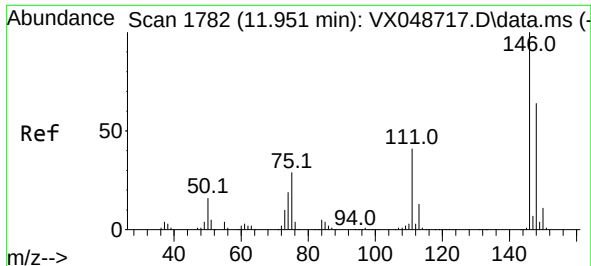
Tgt Ion:105 Resp: 165858  
Ion Ratio Lower Upper  
105 100  
134 19.5 9.8 29.5



#86  
p-Isopropyltoluene  
Concen: 20.466 ug/l  
RT: 11.988 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion:119 Resp: 138203  
Ion Ratio Lower Upper  
119 100  
134 25.8 13.1 39.3  
91 24.3 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 20.161 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

VX1212WBSD01

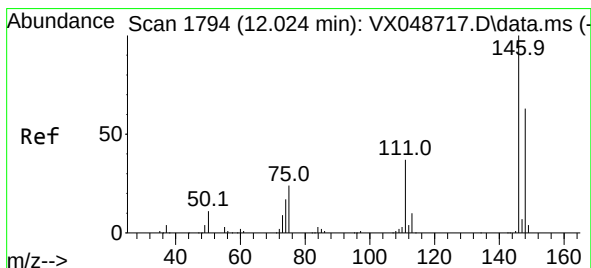
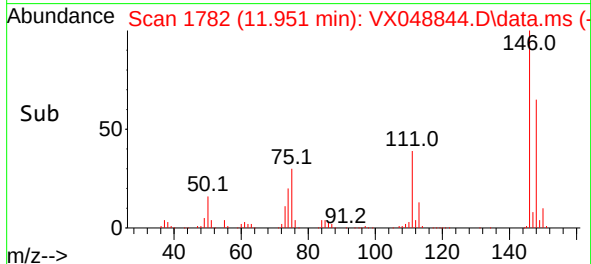
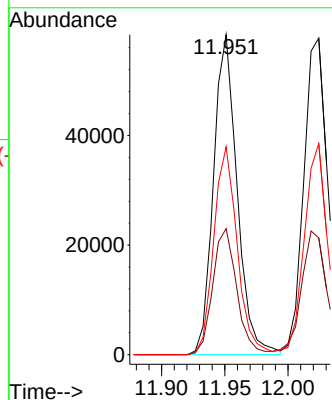
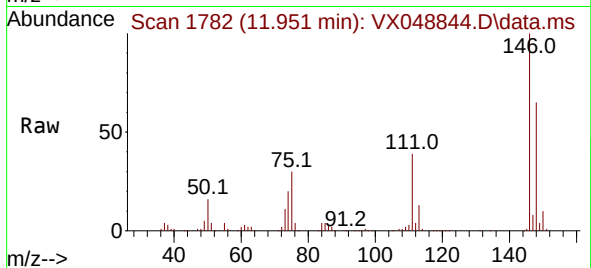
Tgt Ion:146 Resp: 75710

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.8

148 64.6 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 19.973 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

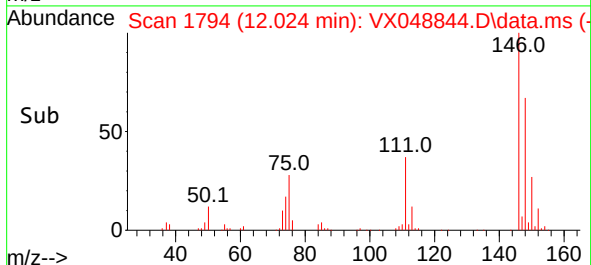
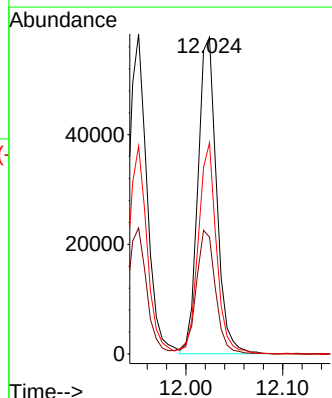
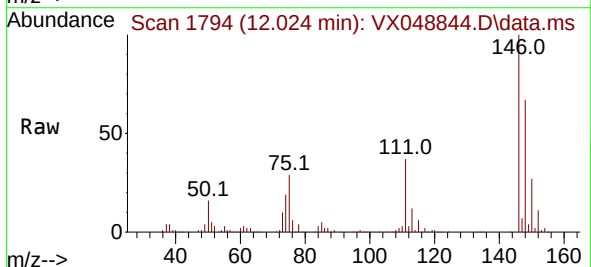
Tgt Ion:146 Resp: 77509

Ion Ratio Lower Upper

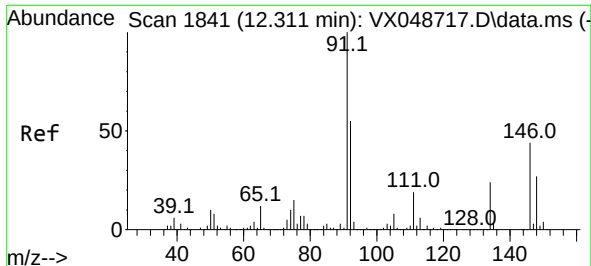
146 100

111 41.2 19.6 58.7

148 65.2 31.6 94.7







#89

n-Butylbenzene

Concen: 19.970 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

VX1212WBSD01

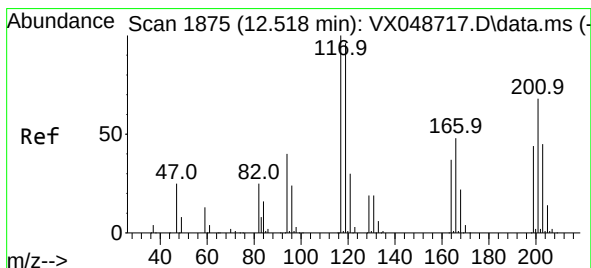
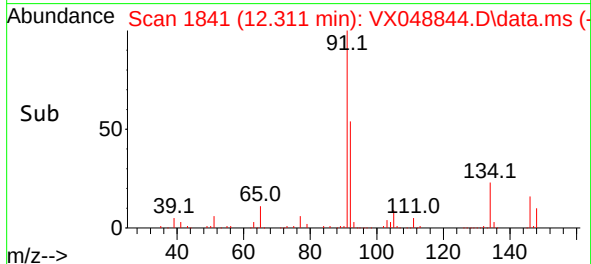
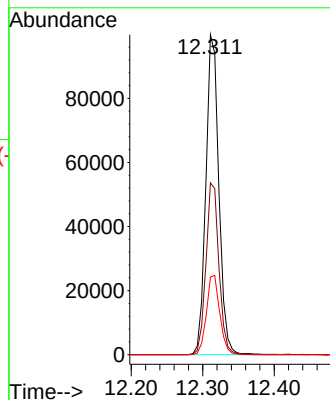
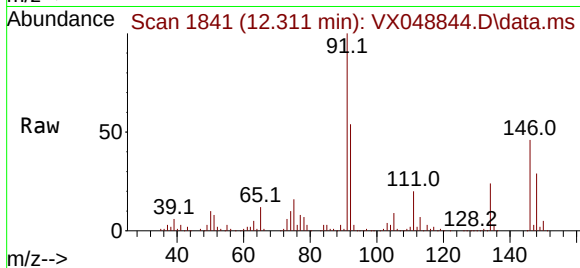
Tgt Ion: 91 Resp: 126258

Ion Ratio Lower Upper

91 100

92 53.7 27.1 81.3

134 25.4 12.9 38.6



#90

Hexachloroethane

Concen: 19.236 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048844.D

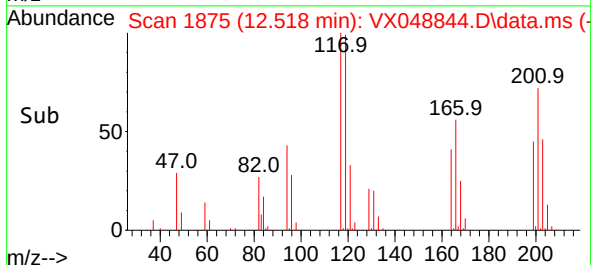
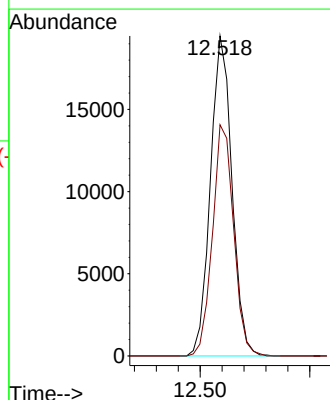
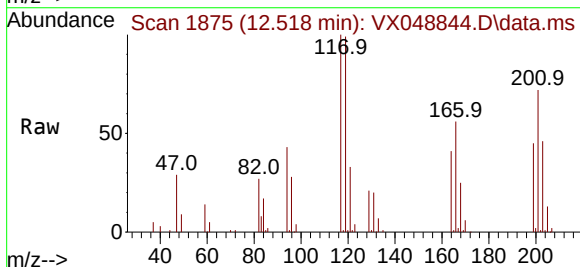
Acq: 12 Dec 2025 11:20

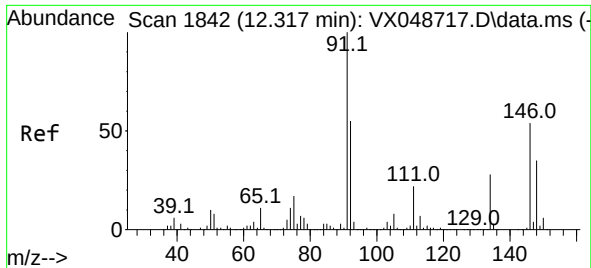
Tgt Ion: 117 Resp: 26512

Ion Ratio Lower Upper

117 100

201 71.2 36.4 109.1

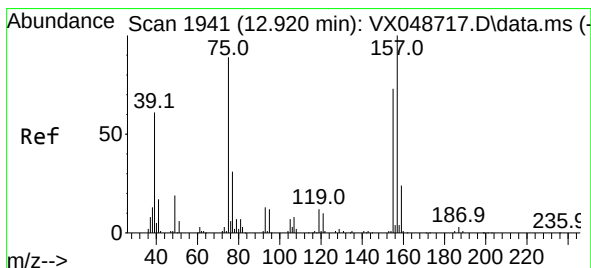
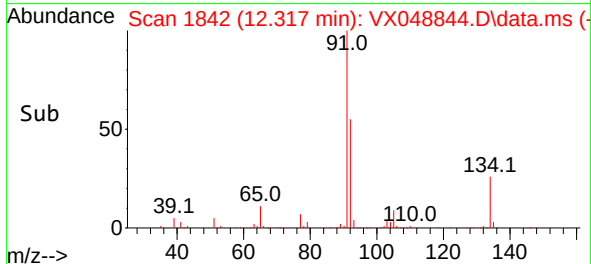
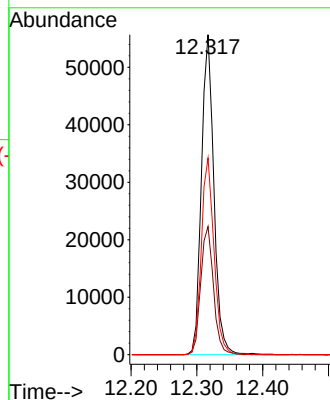
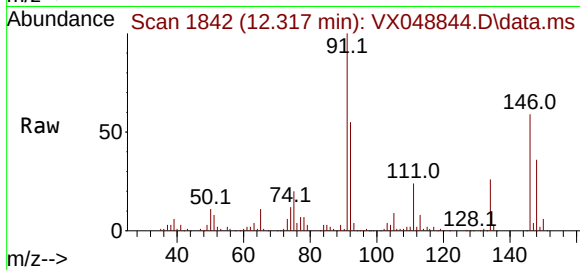




#91  
1,2-Dichlorobenzene  
Concen: 20.196 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

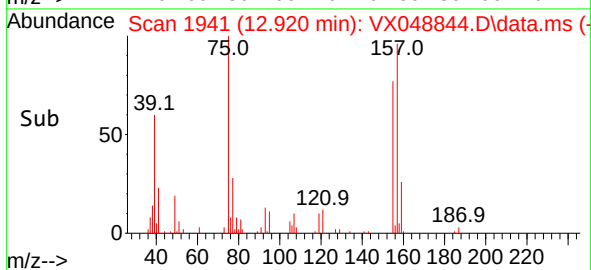
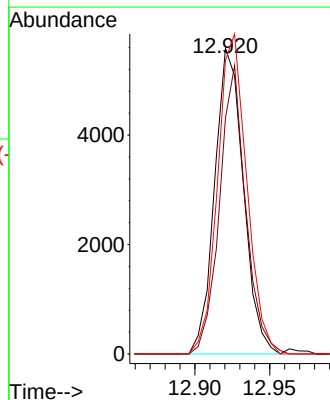
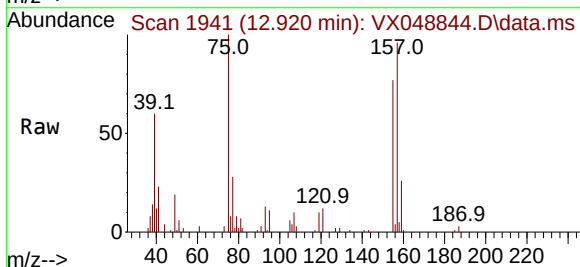
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

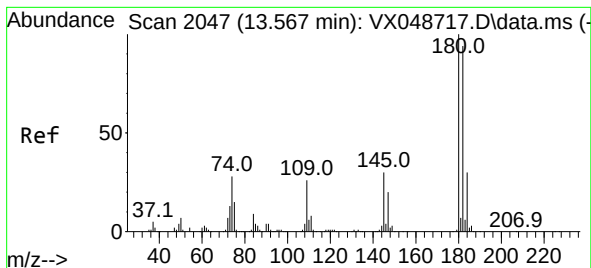
Tgt Ion:146 Resp: 73528  
Ion Ratio Lower Upper  
146 100  
111 41.0 20.8 62.5  
148 62.6 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 11.901 ug/l  
RT: 12.920 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion: 75 Resp: 7459  
Ion Ratio Lower Upper  
75 100  
155 85.9 43.0 129.2  
157 105.9 56.0 168.2

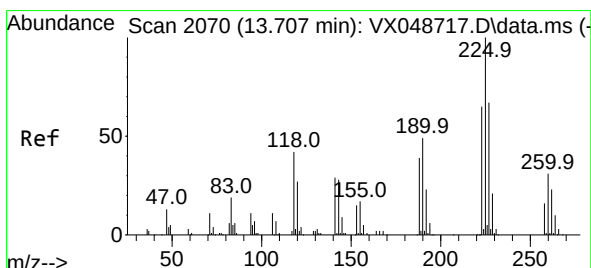
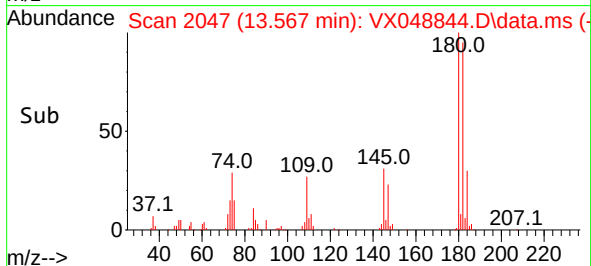
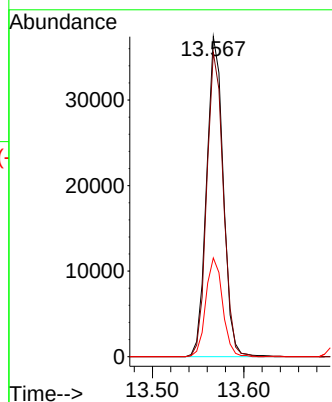
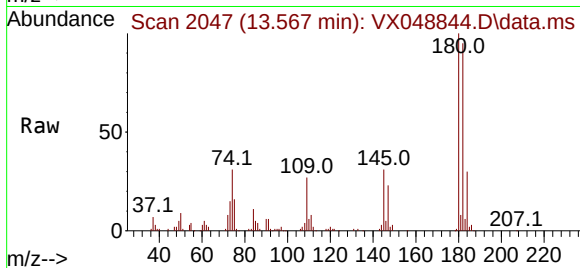




#93  
1,2,4-Trichlorobenzene  
Concen: 19.665 ug/l  
RT: 13.567 min Scan# 2047  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

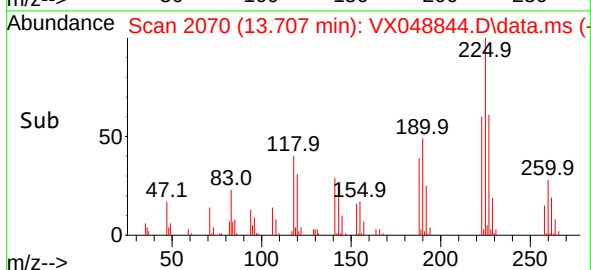
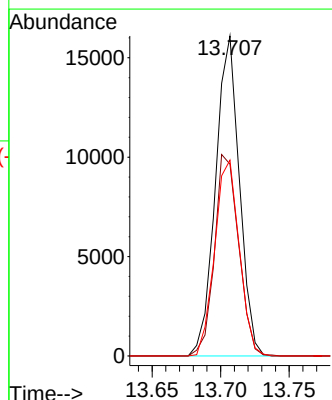
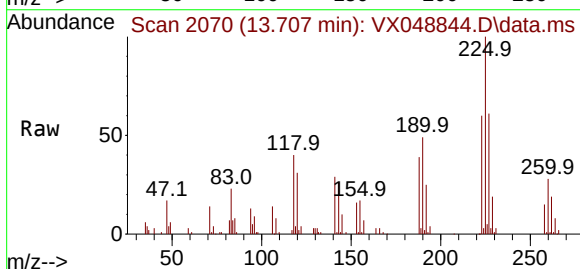
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBSD01

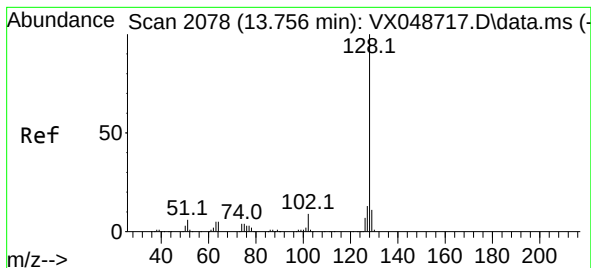
Tgt Ion:180 Resp: 47286  
Ion Ratio Lower Upper  
180 100  
182 94.5 46.9 140.8  
145 31.0 15.1 45.3



#94  
Hexachlorobutadiene  
Concen: 19.595 ug/l  
RT: 13.707 min Scan# 2070  
Delta R.T. -0.000 min  
Lab File: VX048844.D  
Acq: 12 Dec 2025 11:20

Tgt Ion:225 Resp: 19490  
Ion Ratio Lower Upper  
225 100  
223 63.6 33.0 98.9  
227 63.0 32.9 98.7





#95

Naphthalene

Concen: 18.782 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Instrument :

MSVOA\_X

ClientSampleId :

VX1212WBSD01

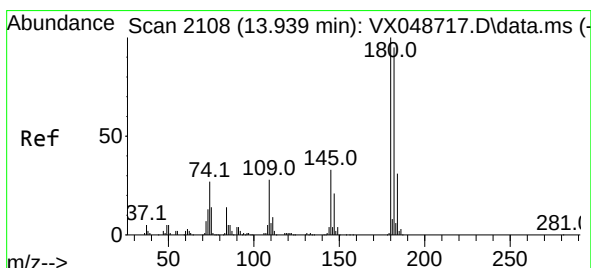
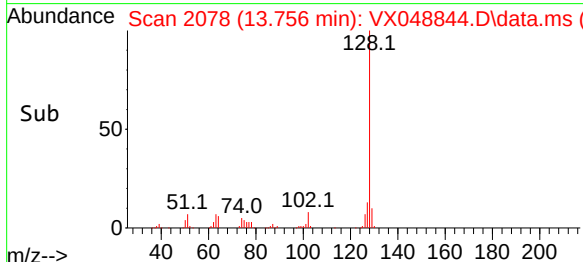
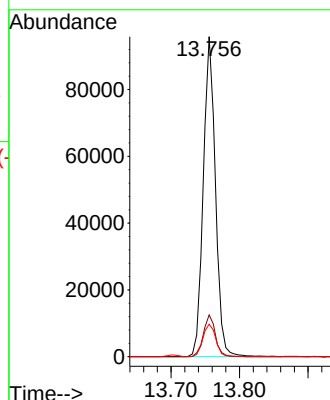
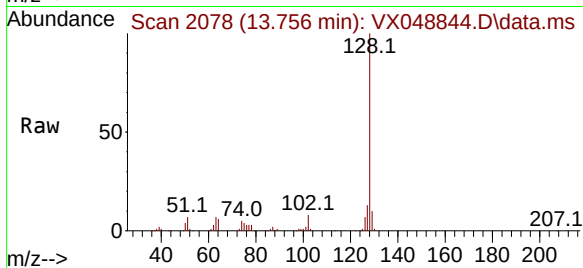
Tgt Ion:128 Resp: 118327

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.026 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048844.D

Acq: 12 Dec 2025 11:20

Tgt Ion:180 Resp: 44409

Ion Ratio Lower Upper

180 100

182 94.4 48.0 144.2

145 32.1 16.6 49.8

