

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100725\  
 Data File : VX048054.D  
 Acq On : 07 Oct 2025 17:43  
 Operator : JC/MD  
 Sample : VSTDICC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC050

Quant Time: Oct 08 02:18:12 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X100725W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Oct 08 02:15:43 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                        |        |       |          |          |        |           |
| Internal Standards           |        |       |          |          |        |           |
| 1) Bromochloromethane        | 4.891  | 128   | 23881    | 30.000   | ug/l   | 0.00      |
| 28) 1,4-Difluorobenzene      | 6.751  | 114   | 161556   | 30.000   | ug/l   | 0.00      |
| 57) Chlorobenzene-d5         | 10.037 | 117   | 147460   | 30.000   | ug/l   | 0.00      |
| System Monitoring Compounds  |        |       |          |          |        |           |
| 27) 1,2-Dichloroethane-d4    | 5.946  | 65    | 75628    | 36.716   | ug/l   | 0.00      |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 122.400%# |
| 60) 4-Bromofluorobenzene     | 11.061 | 95    | 73149    | 29.495   | ug/l   | 0.00      |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 98.333%   |
| 63) Toluene-d8               | 8.634  | 98    | 200534   | 30.481   | ug/l   | 0.00      |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 101.600%  |
| Target Compounds             |        |       |          |          |        |           |
|                              |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane   | 1.172  | 85    | 102479   | 62.509   | ug/l   | 98        |
| 3) Chloromethane             | 1.300  | 50    | 111199   | 64.778   | ug/l   | 100       |
| 4) Vinyl Chloride            | 1.380  | 62    | 111533   | 66.671   | ug/l   | 94        |
| 5) Bromomethane              | 1.617  | 94    | 62891    | 63.978   | ug/l   | 98        |
| 6) Chloroethane              | 1.697  | 64    | 69724    | 70.128   | ug/l   | 97        |
| 7) Trichlorofluoromethane    | 1.898  | 101   | 153924   | 65.254   | ug/l   | 98        |
| 8) Diethyl Ether             | 2.136  | 74    | 59872    | 70.279   | ug/l   | 98        |
| 9) 1,1,2-Trichlorotrifluo... | 2.337  | 101   | 84948    | 57.091   | ug/l   | 99        |
| 10) 1,1-Dichloroethene       | 2.325  | 96    | 89184    | 59.425   | ug/l   | 95        |
| 12) Methyl Acetate           | 2.703  | 43    | 103837   | 59.716   | ug/l   | 100       |
| 13) Acrolein                 | 2.239  | 56    | 88841    | 415.965  | ug/l   | 100       |
| 14) Acrylonitrile            | 3.056  | 53    | 252561   | 319.793  | ug/l   | 98        |
| 15) Acetone                  | 2.373  | 58    | 57372    | 313.345  | ug/l   | 93        |
| 16) Carbon Disulfide         | 2.520  | 76    | 275547   | 64.523   | ug/l   | 99        |
| 17) Allyl chloride           | 2.666  | 41    | 165666   | 61.142   | ug/l   | 98        |
| 18) Methylene Chloride       | 2.788  | 84    | 107137   | 63.686   | ug/l   | 94        |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 96425    | 61.175   | ug/l   | 90        |
| 20) Diisopropyl ether        | 3.757  | 45    | 341808   | 64.549   | ug/l # | 79        |
| 21) 1,1-Dichloroethane       | 3.605  | 63    | 183569   | 61.519   | ug/l   | 99        |
| 22) cis-1,2-Dichloroethene   | 4.483  | 96    | 114237   | 62.804   | ug/l # | 86        |
| 23) tert-Butyl Alcohol       | 2.940  | 59    | 59547    | 352.449  | ug/l # | 100       |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 312784   | 66.103   | ug/l   | 100       |
| 25) Chloroform               | 5.080  | 83    | 188487   | 61.552   | ug/l   | 98        |
| 26) Cyclohexane              | 5.458  | 56    | 148095   | 56.341   | ug/l # | 97        |
| 29) 1,1-Dichloropropene      | 5.684  | 75    | 120201   | 48.298   | ug/l   | 98        |
| 30) 2-Butanone               | 4.544  | 43    | 302336   | 266.041  | ug/l   | 97        |
| 31) 2,2-Dichloropropane      | 4.464  | 77    | 132566   | 57.148   | ug/l # | 91        |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 155516   | 49.952   | ug/l   | 99        |
| 34) Benzene                  | 6.025  | 78    | 392489   | 52.591   | ug/l   | 97        |
| 35) Methacrylonitrile        | 4.910  | 41    | 70961    | 50.841   | ug/l   | 98        |
| 36) 1,2-Dichloroethane       | 6.074  | 62    | 146292   | 52.146   | ug/l   | 98        |
| 37) Trichloroethene          | 7.110  | 130   | 93992    | 50.653   | ug/l   | 93        |
| 38) Methylcyclohexane        | 7.366  | 83    | 137334   | 44.368   | ug/l   | 98        |
| 39) 1,2-Dichloropropane      | 7.415  | 63    | 97178    | 51.805   | ug/l   | 99        |
| 40) Dibromomethane           | 7.568  | 93    | 73039    | 52.016   | ug/l # | 62        |
| 41) Bromodichloromethane     | 7.805  | 83    | 151915   | 53.589   | ug/l # | 94        |
| 42) Vinyl Acetate            | 3.715  | 43    | 1456204  | 285.734  | ug/l   | 100       |
| 43) Ethyl Acetate            | 4.696  | 43    | 132926   | 55.090   | ug/l   | 98        |
| 44) Isopropyl Acetate        | 6.324  | 43    | 215967   | 56.008   | ug/l   | 99        |

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 Sample : VSTDIC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

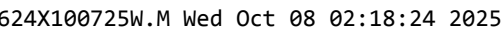
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

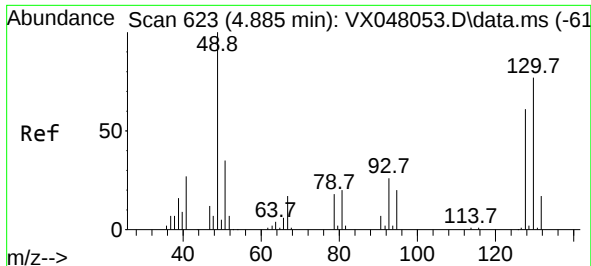
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X100725W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Oct 08 02:15:43 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 45) 1,4-Dioxane               | 7.647  | 88   | 26487    | 1109.215 | ug/l # | 96       |
| 46) Methyl methacrylate       | 7.677  | 41   | 110123   | 53.874   | ug/l   | 97       |
| 47) n-amyl Acetate            | 10.829 | 43   | 189267   | 54.285   | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 8.964  | 75   | 147570   | 56.238   | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 8.354  | 75   | 160156   | 55.226   | ug/l   | 98       |
| 50) 1,1,2-Trichloroethane     | 9.134  | 97   | 91861    | 51.851   | ug/l   | 98       |
| 51) Ethyl methacrylate        | 9.104  | 69   | 145695   | 54.404   | ug/l   | 96       |
| 52) 1,3-Dichloropropane       | 9.293  | 76   | 162724   | 53.035   | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.506  | 129  | 106624   | 54.748   | ug/l # | 29       |
| 54) 1,2-Dibromoethane         | 9.592  | 107  | 98691    | 53.099   | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 8.226  | 63   | 381611   | 275.524  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.555  | 43   | 646851   | 266.857  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.415  | 43   | 451096   | 266.051  | ug/l   | 99       |
| 61) Tetrachloroethene         | 9.256  | 164  | 74139    | 48.624   | ug/l   | 95       |
| 62) Toluene                   | 8.702  | 91   | 407485   | 51.209   | ug/l   | 100      |
| 64) Chlorobenzene             | 10.061 | 112  | 259638   | 50.489   | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.146 | 131  | 92291    | 53.072   | ug/l # | 85       |
| 66) Ethyl Benzene             | 10.177 | 91   | 448296   | 49.887   | ug/l   | 98       |
| 67) m/p-Xylenes               | 10.287 | 106  | 340689   | 101.713  | ug/l   | 100      |
| 68) o-Xylene                  | 10.628 | 106  | 162850   | 50.724   | ug/l   | 97       |
| 69) Styrene                   | 10.640 | 104  | 286831   | 51.772   | ug/l   | 98       |
| 70) Isopropylbenzene          | 10.945 | 105  | 409772   | 47.900   | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 129480   | 50.592   | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 11.219 | 75   | 144770   | 67.010   | ug/l   | 88       |
| 73) Bromobenzene              | 11.183 | 156  | 101684   | 50.077   | ug/l   | 98       |
| 74) n-propylbenzene           | 11.286 | 91   | 501827   | 49.132   | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 11.347 | 91   | 300828   | 48.849   | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 343826   | 48.469   | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 11.000 | 75   | 39301    | 53.442   | ug/l   | 96       |
| 78) 4-Chlorotoluene           | 11.439 | 91   | 356365   | 49.979   | ug/l   | 100      |
| 79) tert-butylbenzene         | 11.695 | 119  | 334698   | 47.761   | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene    | 11.731 | 105  | 345068   | 49.080   | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.872 | 105  | 403360   | 45.143   | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 11.994 | 119  | 341754   | 46.551   | ug/l   | 100      |
| 83) 1,3-Dichlorobenzene       | 11.951 | 146  | 188958   | 50.187   | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.024 | 146  | 189392   | 49.963   | ug/l   | 99       |
| 85) n-Butylbenzene            | 12.317 | 91   | 315830   | 45.065   | ug/l   | 99       |
| 86) Hexachloroethane          | 12.518 | 117  | 64260    | 53.410   | ug/l   | 98       |
| 87) 1,2-Dichlorobenzene       | 12.317 | 146  | 182890   | 50.449   | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 26201    | 50.434   | ug/l   | 97       |
| 89) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 111625   | 47.599   | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 13.707 | 225  | 27724    | 28.526   | ug/l   | 70       |
| 91) Naphthalene               | 13.756 | 128  | 355217   | 47.995   | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.938 | 180  | 108648   | 47.596   | ug/l   | 99       |

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

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QLast Update : Wed Oct 08 02:15:43 2025  
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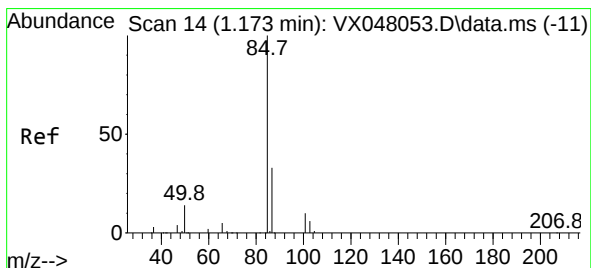
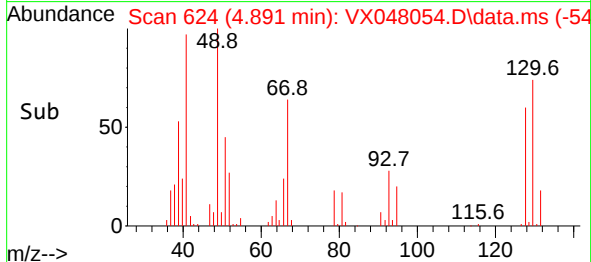
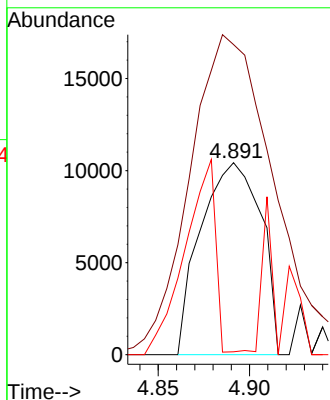
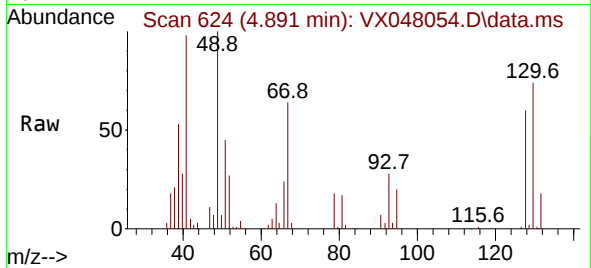




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.891 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

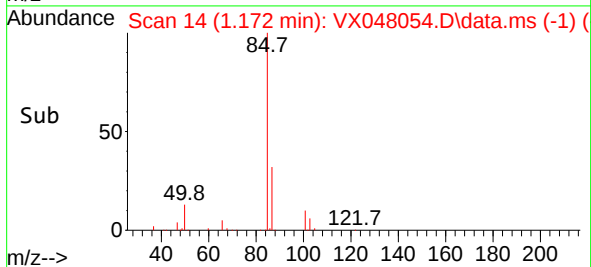
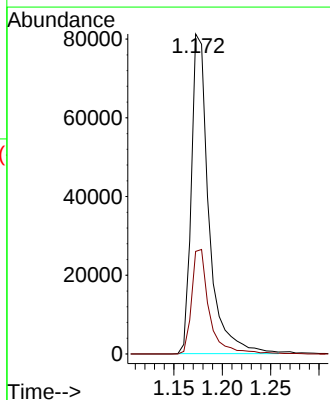
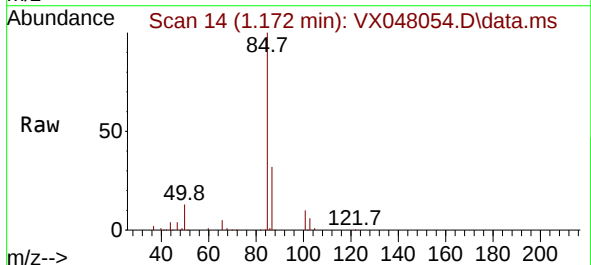
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050

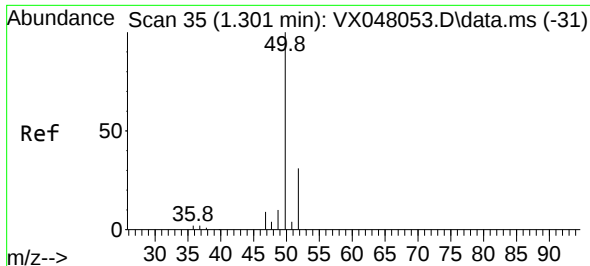
Tgt Ion:128 Resp: 23881  
Ion Ratio Lower Upper  
128 100  
49 238.0 0.0 601.2  
130 0.8 0.0 286.0



#2  
Dichlorodifluoromethane  
Concen: 62.509 ug/l  
RT: 1.172 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 85 Resp: 102479  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.6 49.8

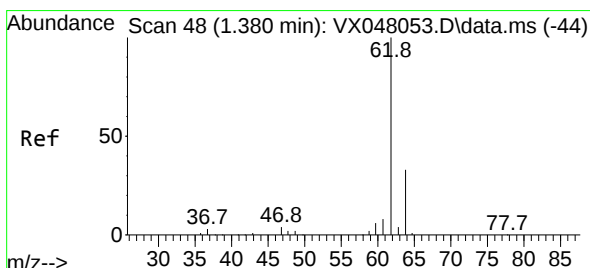
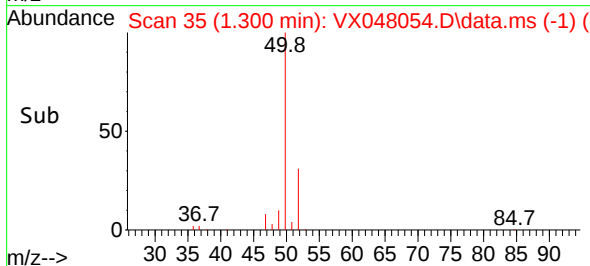
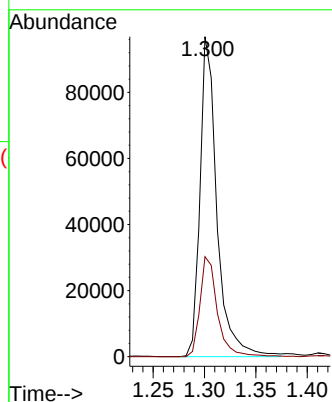
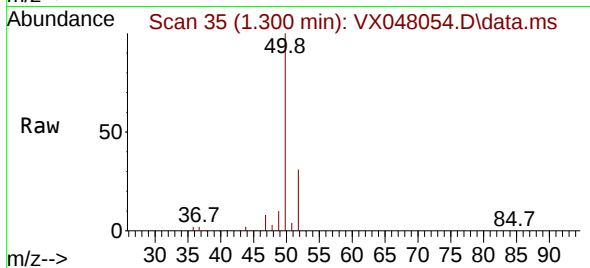




#3  
Chloromethane  
Concen: 64.778 ug/l  
RT: 1.300 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

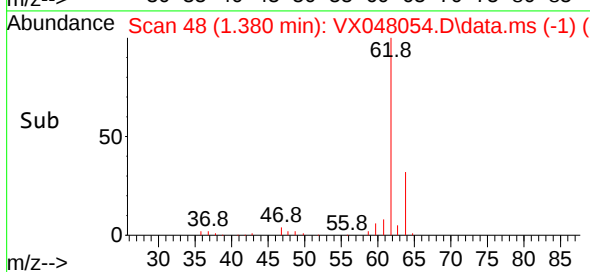
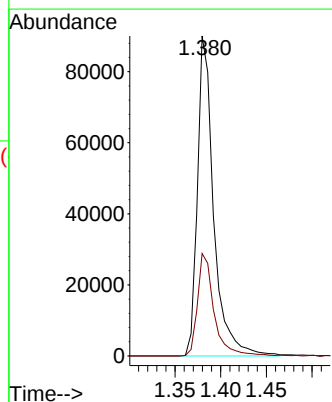
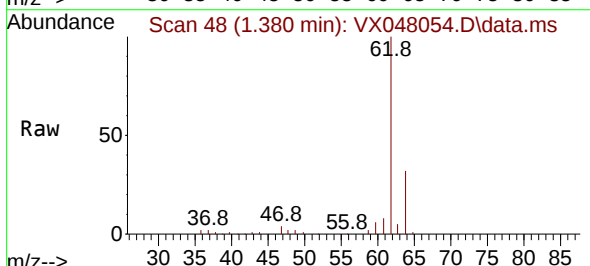
Instrument :  
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ClientSampleId :  
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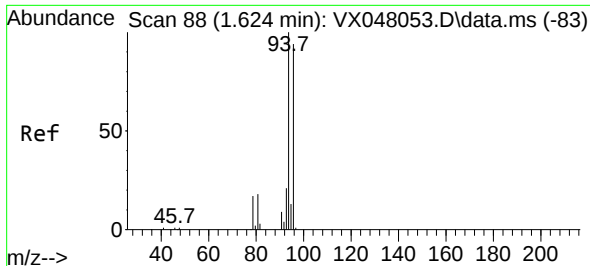
Tgt Ion: 50 Resp: 111199  
Ion Ratio Lower Upper  
50 100  
52 31.3 24.9 37.3



#4  
Vinyl Chloride  
Concen: 66.671 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 62 Resp: 111533  
Ion Ratio Lower Upper  
62 100  
64 30.6 27.4 41.2

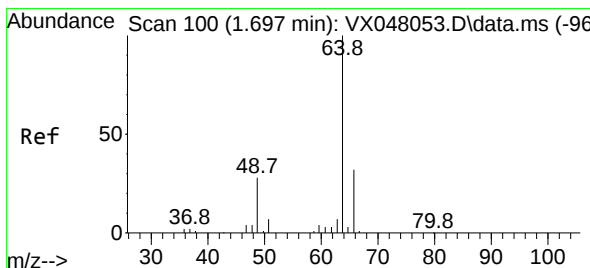
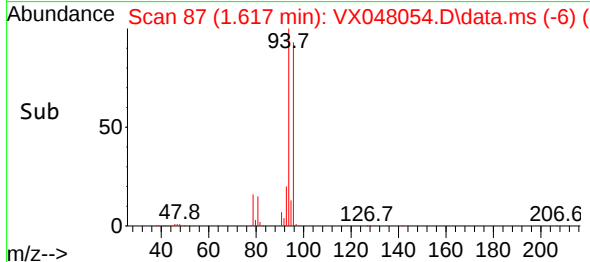
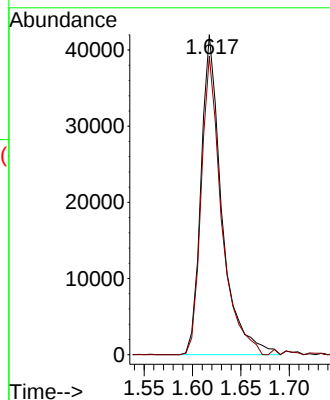
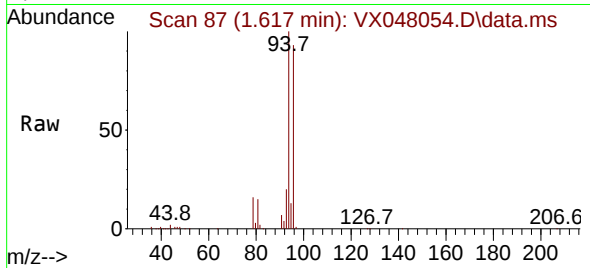




#5  
Bromomethane  
Concen: 63.978 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

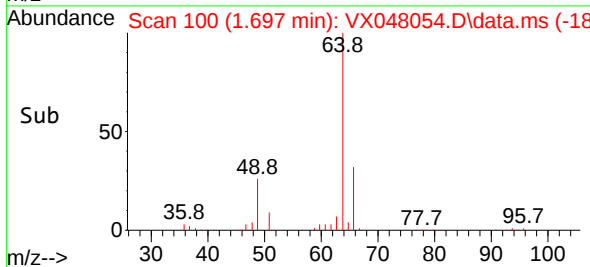
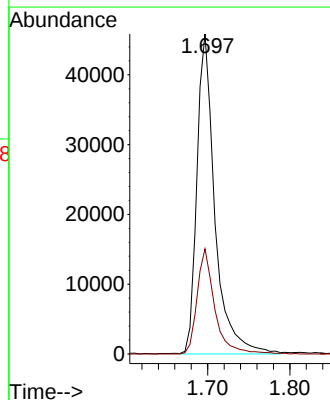
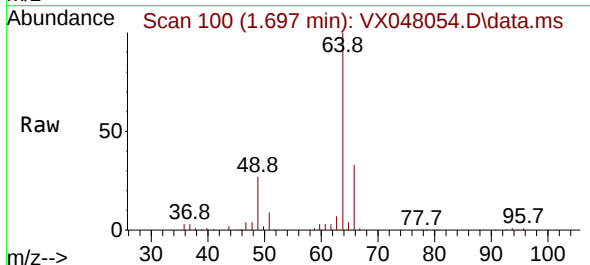
Instrument :  
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ClientSampleId :  
VSTDIC050

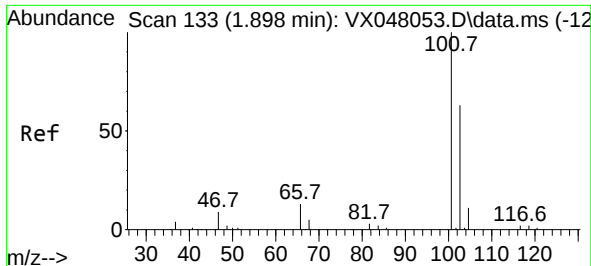
Tgt Ion: 94 Resp: 62891  
Ion Ratio Lower Upper  
94 100  
96 82.7 67.8 101.6



#6  
Chloroethane  
Concen: 70.128 ug/l  
RT: 1.697 min Scan# 100  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 64 Resp: 69724  
Ion Ratio Lower Upper  
64 100  
66 32.9 24.9 37.3

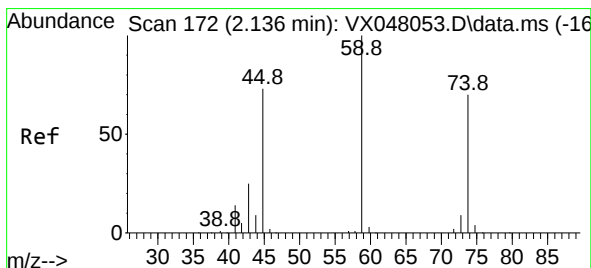
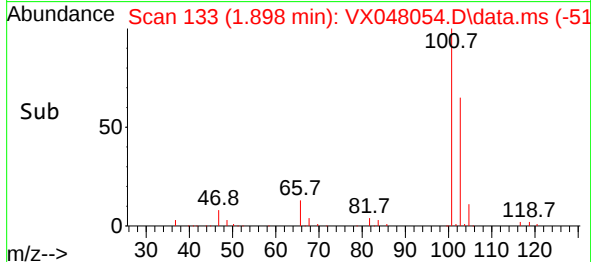
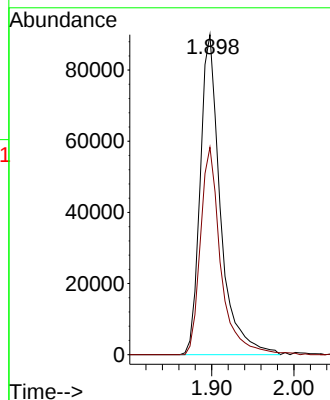
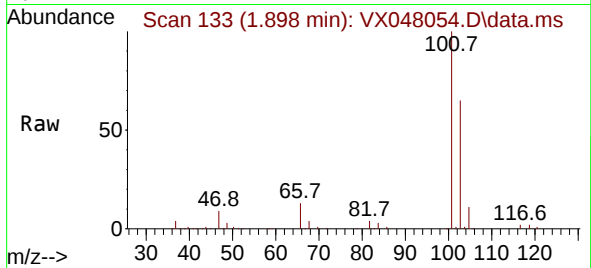




#7  
 Trichlorofluoromethane  
 Concen: 65.254 ug/l  
 RT: 1.898 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX048054.D  
 Acq: 07 Oct 2025 17:43

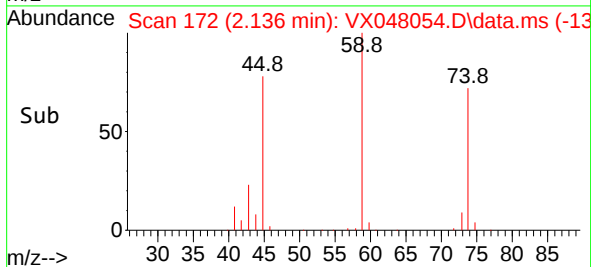
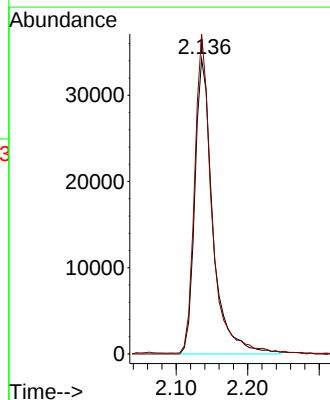
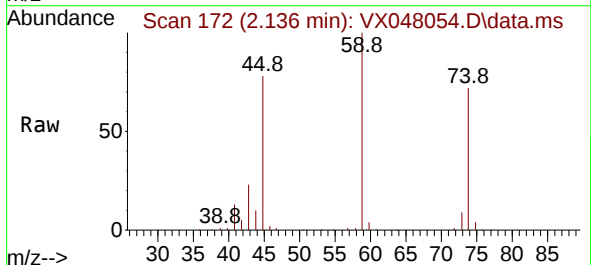
Instrument :  
 MSVOA\_X  
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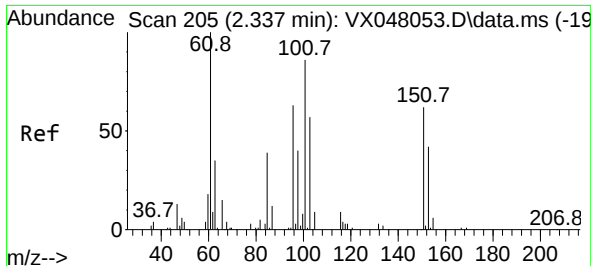
Tgt Ion:101 Resp: 153924  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 50.6 76.0



#8  
 Diethyl Ether  
 Concen: 70.279 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX048054.D  
 Acq: 07 Oct 2025 17:43

Tgt Ion: 74 Resp: 59872  
 Ion Ratio Lower Upper  
 74 100  
 45 102.1 20.8 187.2

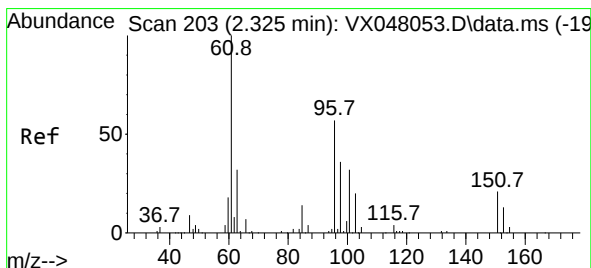
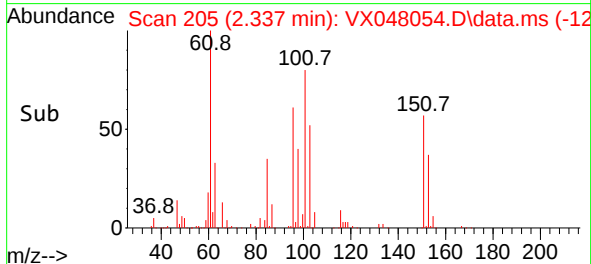
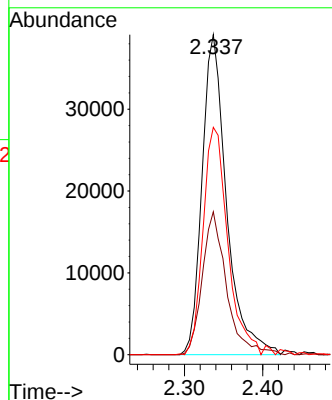
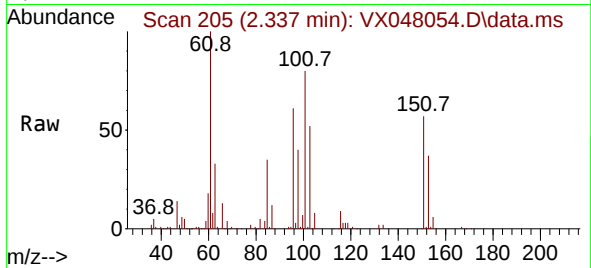




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 57.091 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

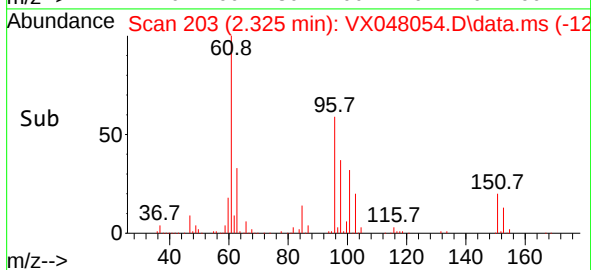
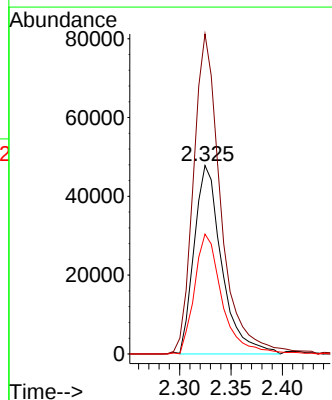
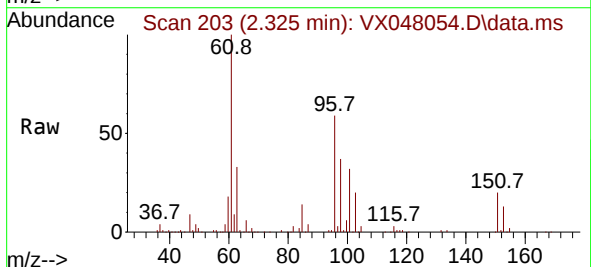
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

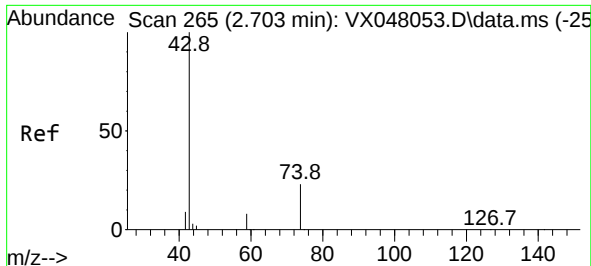
Tgt Ion:101 Resp: 84948  
Ion Ratio Lower Upper  
101 100  
85 43.6 0.0 88.2  
151 71.4 0.0 141.0



#10  
1,1-Dichloroethene  
Concen: 59.425 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 96 Resp: 89184  
Ion Ratio Lower Upper  
96 100  
61 158.4 133.4 200.2  
98 62.1 49.8 74.6

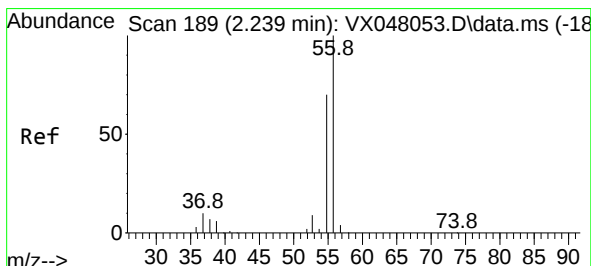
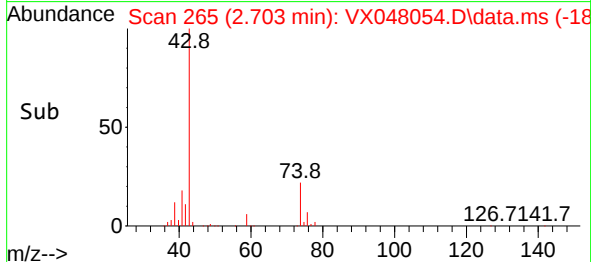
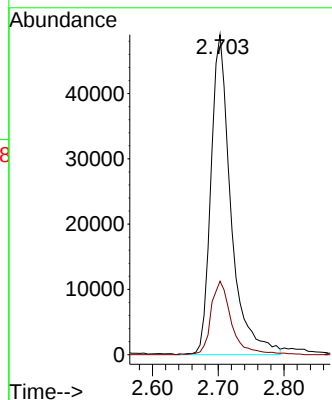
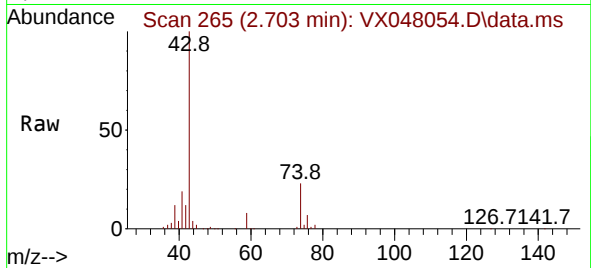




#12  
Methyl Acetate  
Concen: 59.716 ug/l  
RT: 2.703 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

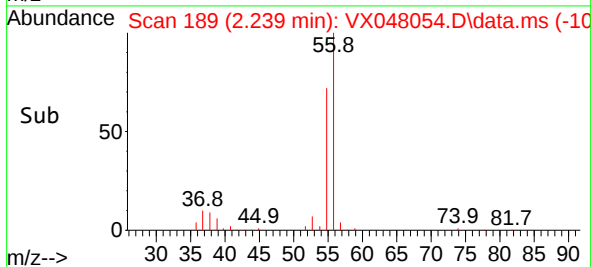
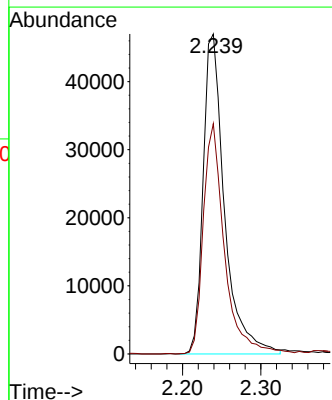
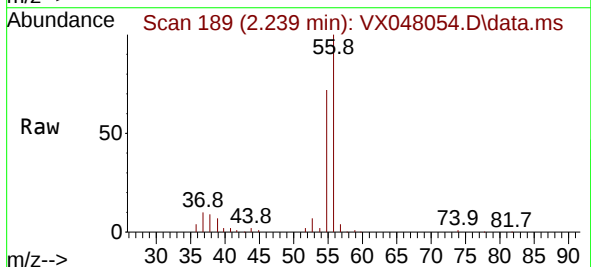
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

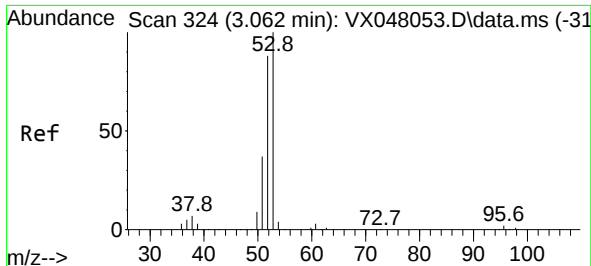
Tgt Ion: 43 Resp: 103837  
Ion Ratio Lower Upper  
43 100  
74 22.9 18.2 27.4



#13  
Acrolein  
Concen: 415.965 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 56 Resp: 88841  
Ion Ratio Lower Upper  
56 100  
55 71.2 57.0 85.6

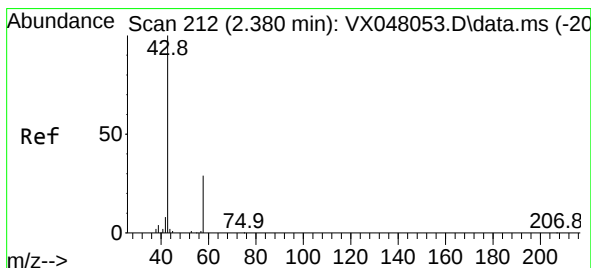
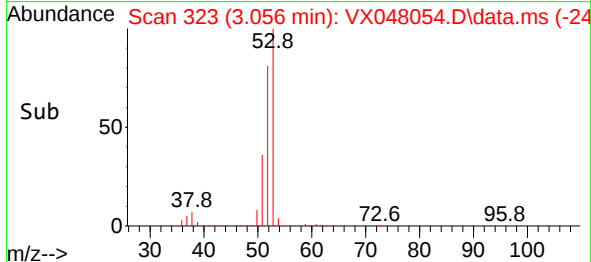
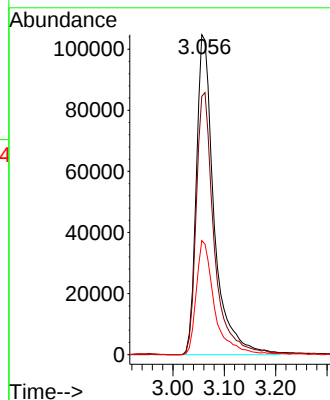
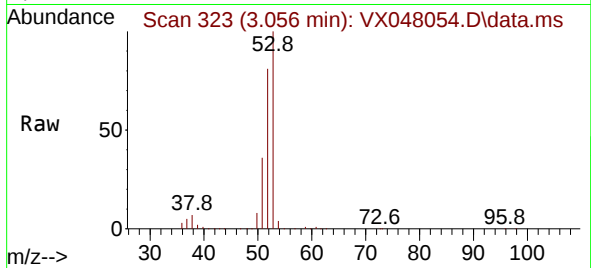




#14  
Acrylonitrile  
Concen: 319.793 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

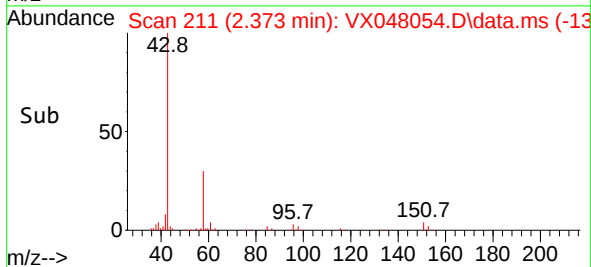
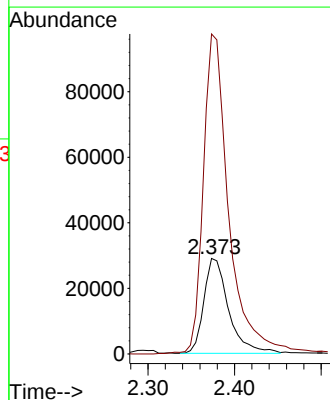
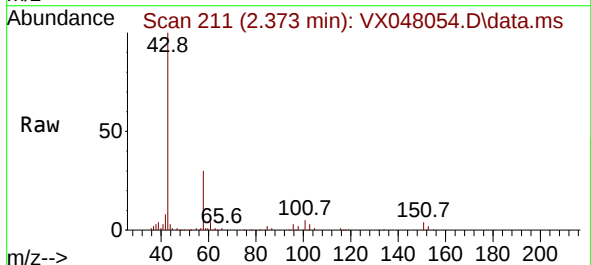
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

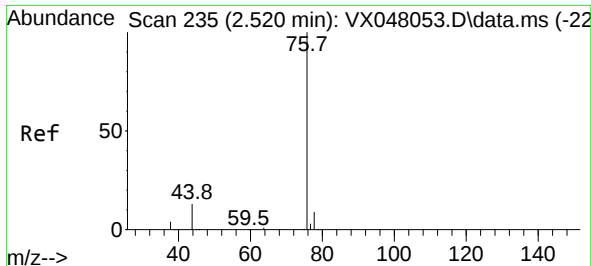
Tgt Ion: 53 Resp: 252561  
Ion Ratio Lower Upper  
53 100  
52 81.9 41.8 125.3  
51 36.2 18.6 56.0



#15  
Acetone  
Concen: 313.345 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 58 Resp: 57372  
Ion Ratio Lower Upper  
58 100  
43 336.0 280.7 421.1

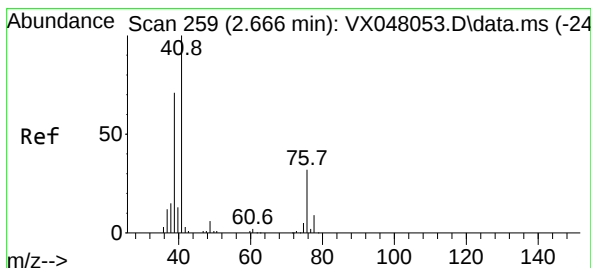
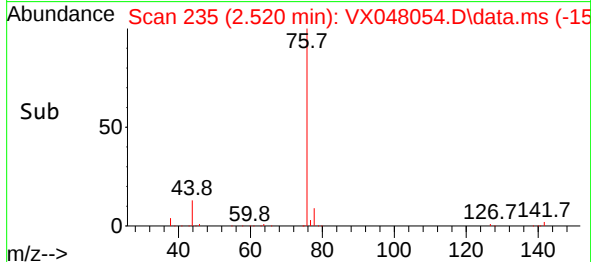
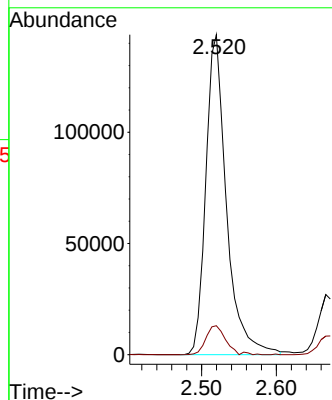
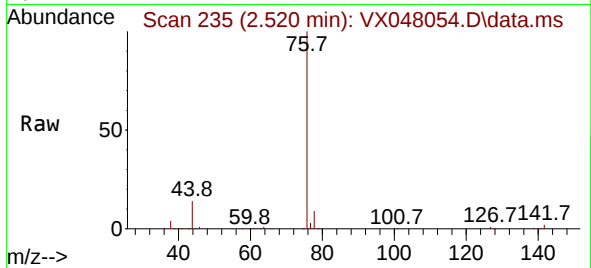




#16  
Carbon Disulfide  
Concen: 64.523 ug/l  
RT: 2.520 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

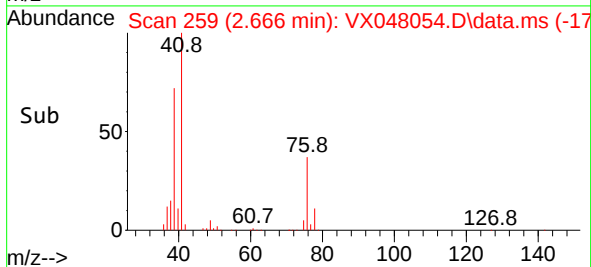
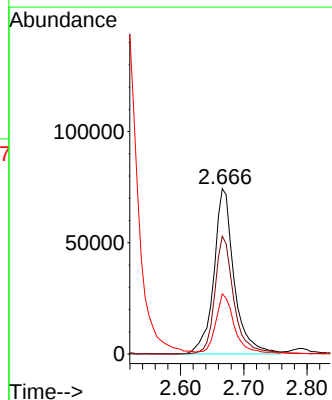
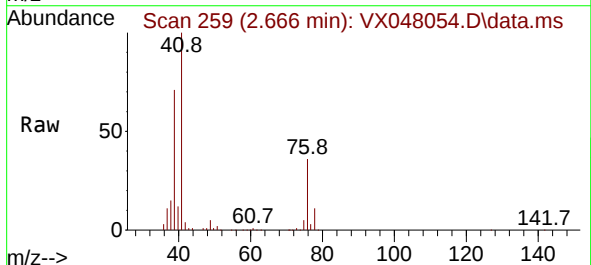
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

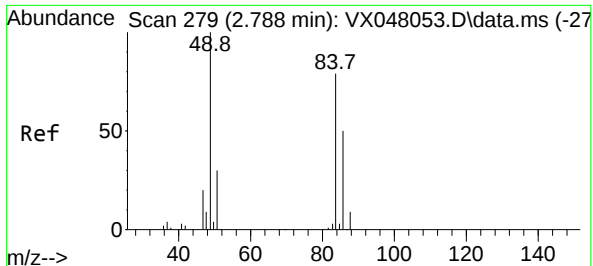
Tgt Ion: 76 Resp: 275547  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0



#17  
Allyl chloride  
Concen: 61.142 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 41 Resp: 165666  
Ion Ratio Lower Upper  
41 100  
39 70.7 35.0 105.1  
76 38.4 17.8 53.5



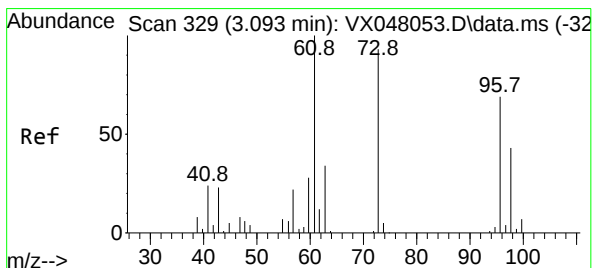
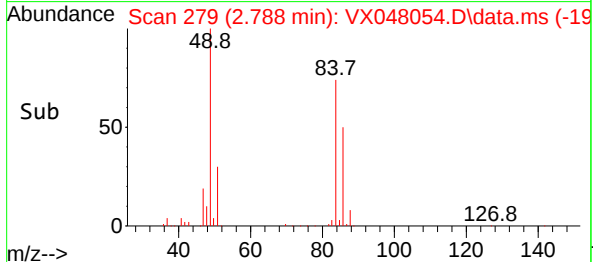
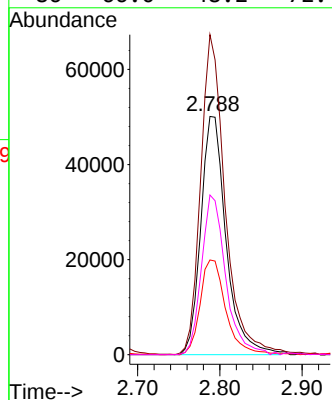
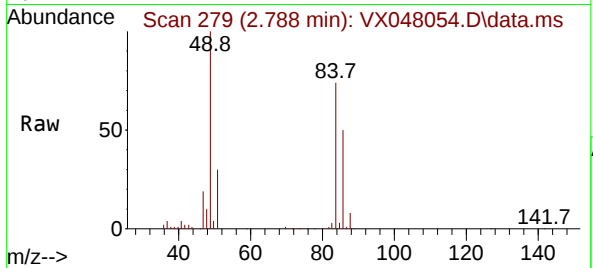


#18  
Methylene Chloride  
Concen: 63.686 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

Tgt Ion: 84 Resp: 107137

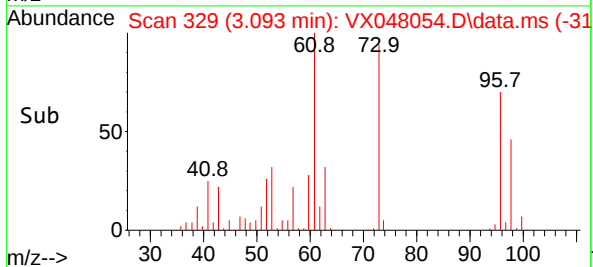
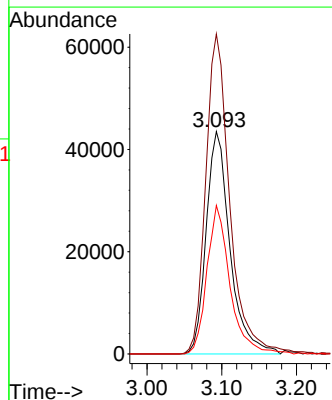
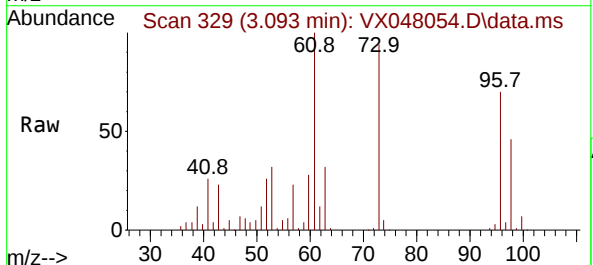
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 134.7 | 100.9 | 151.3 |
| 51  | 38.4  | 30.2  | 45.2  |
| 86  | 66.0  | 48.2  | 72.4  |

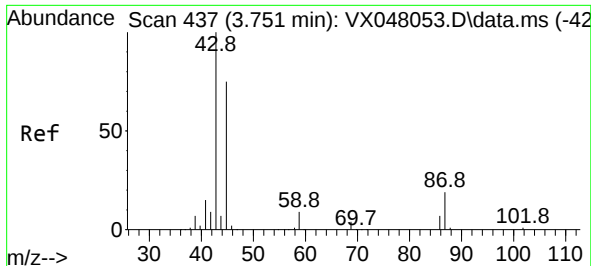


#19  
trans-1,2-Dichloroethene  
Concen: 61.175 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 96 Resp: 96425

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 136.8 | 121.0 | 181.6 |
| 98  | 65.3  | 48.5  | 72.7  |

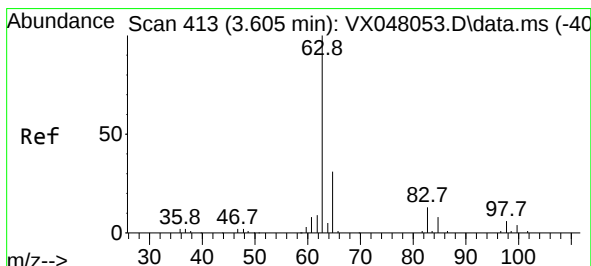
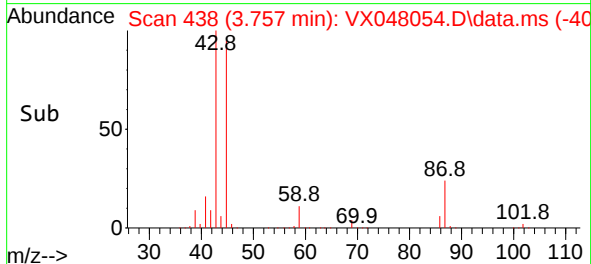
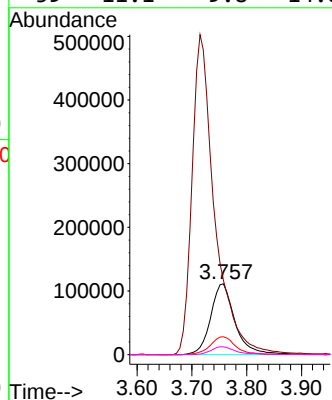
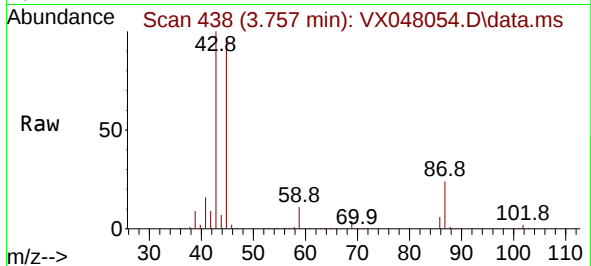




#20  
Diisopropyl ether  
Concen: 64.549 ug/l  
RT: 3.757 min Scan# 413  
Delta R.T. 0.006 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

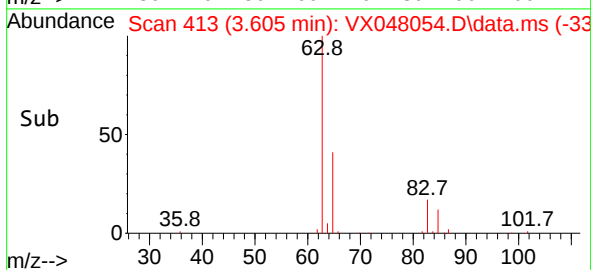
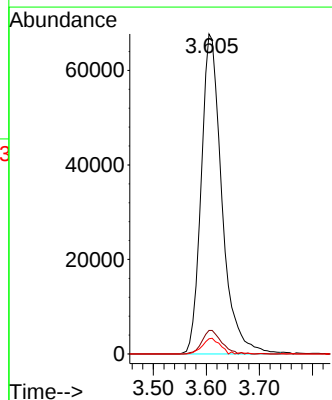
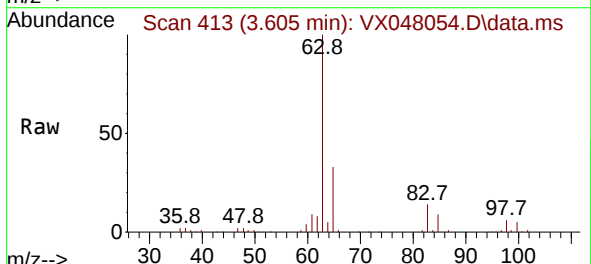
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

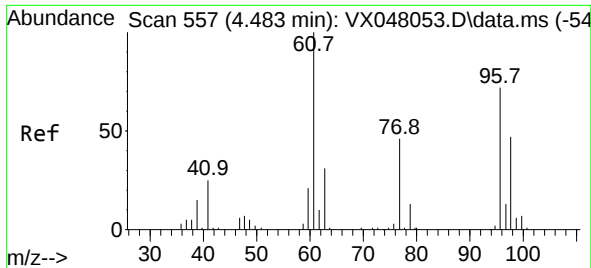
Tgt Ion: 45 Resp: 341808  
Ion Ratio Lower Upper  
45 100  
43 100.6 105.4 158.0#  
87 25.2 19.7 29.5  
59 11.1 9.8 14.8



#21  
1,1-Dichloroethane  
Concen: 61.519 ug/l  
RT: 3.605 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 63 Resp: 183569  
Ion Ratio Lower Upper  
63 100  
98 7.3 3.5 10.6  
100 4.8 2.0 5.8

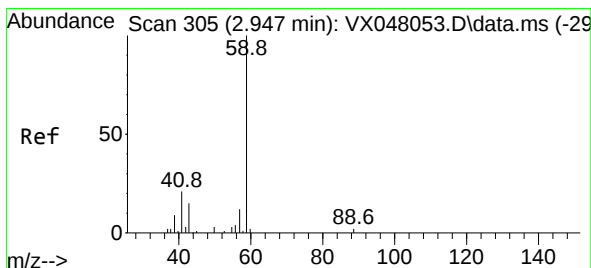
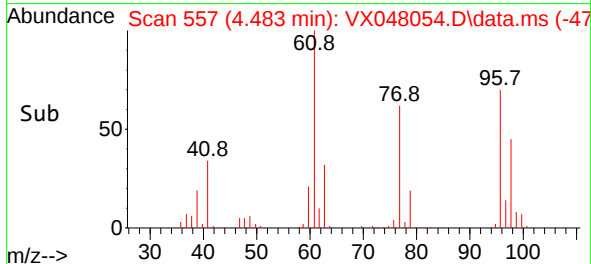
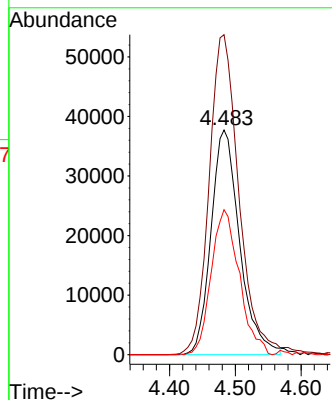
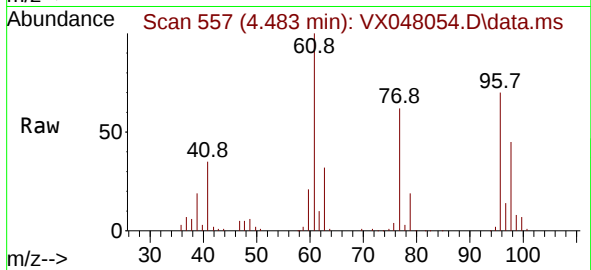




#22  
 cis-1,2-Dichloroethene  
 Concen: 62.804 ug/l  
 RT: 4.483 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VX048054.D  
 Acq: 07 Oct 2025 17:43

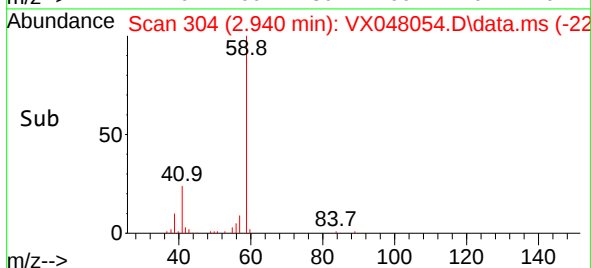
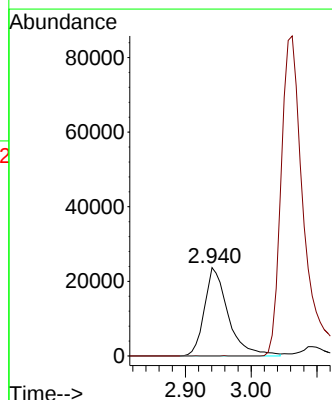
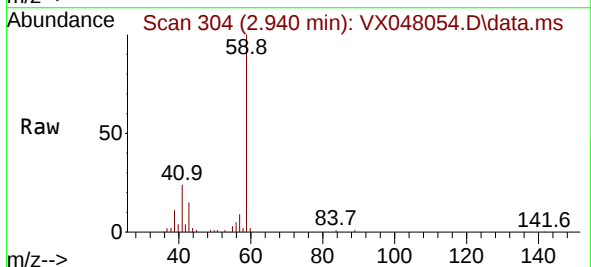
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

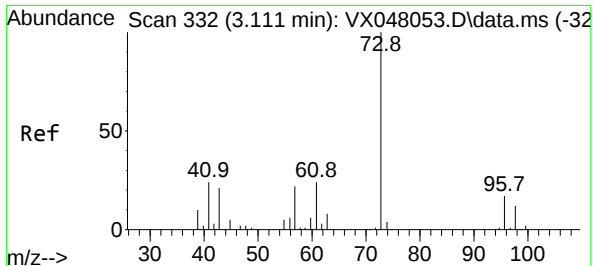
Tgt Ion: 96 Resp: 114237  
 Ion Ratio Lower Upper  
 96 100  
 61 147.5 121.4 182.0  
 98 63.4 19.6 29.4#



#23  
 tert-Butyl Alcohol  
 Concen: 352.449 ug/l  
 RT: 2.940 min Scan# 304  
 Delta R.T. -0.006 min  
 Lab File: VX048054.D  
 Acq: 07 Oct 2025 17:43

Tgt Ion: 59 Resp: 59547  
 Ion Ratio Lower Upper  
 59 100  
 52 0.0 0.1 0.1#

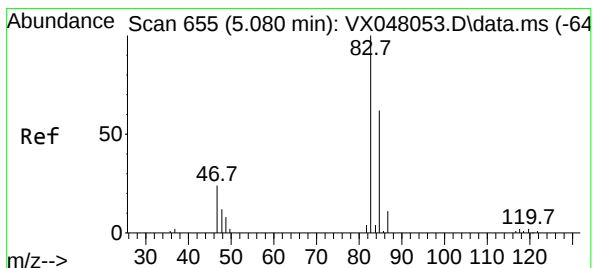
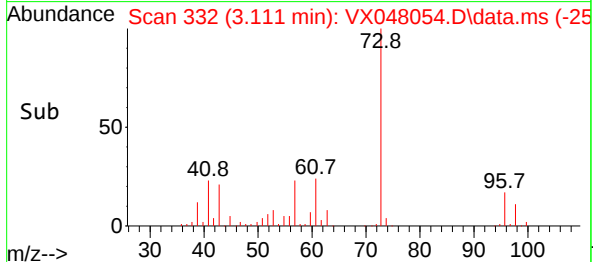
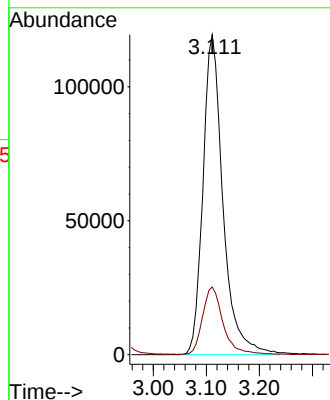
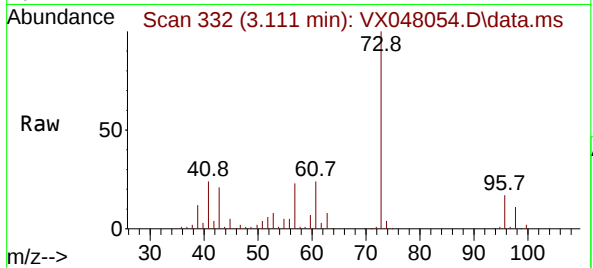




#24  
Methyl tert-Butyl Ether  
Concen: 66.103 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

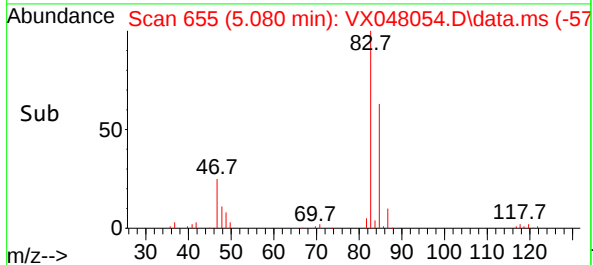
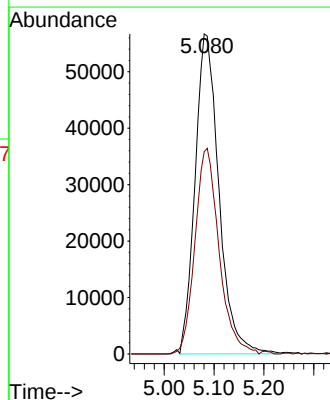
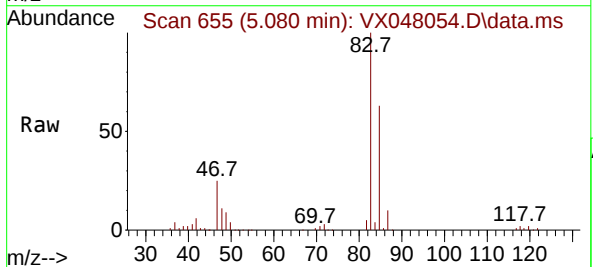
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

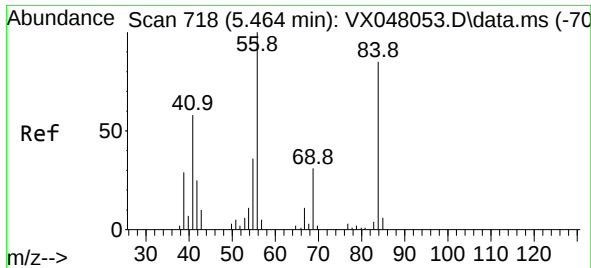
Tgt Ion: 73 Resp: 312784  
Ion Ratio Lower Upper  
73 100  
43 21.4 17.1 25.7



#25  
Chloroform  
Concen: 61.552 ug/l  
RT: 5.080 min Scan# 655  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 83 Resp: 188487  
Ion Ratio Lower Upper  
83 100  
85 61.7 50.3 75.5

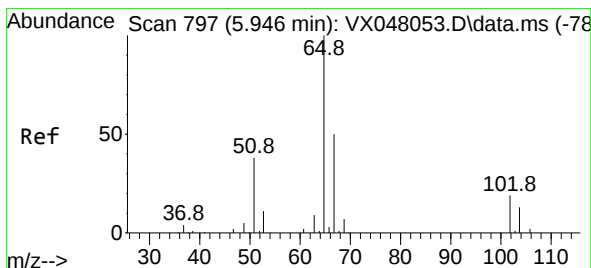
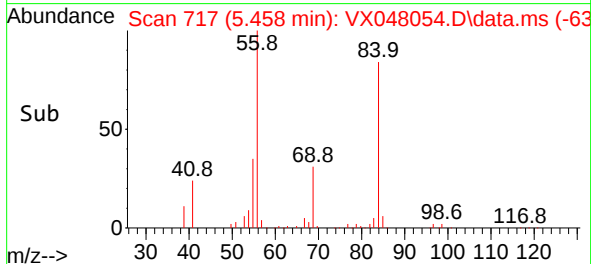
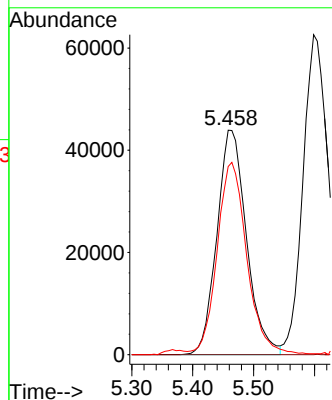
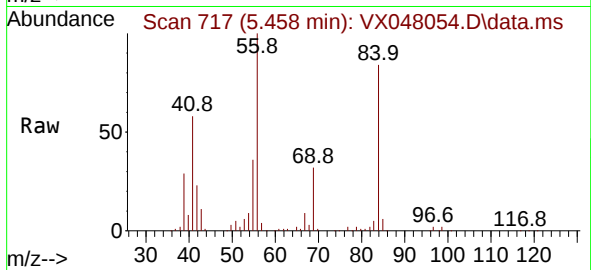




#26  
Cyclohexane  
Concen: 56.341 ug/l  
RT: 5.458 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

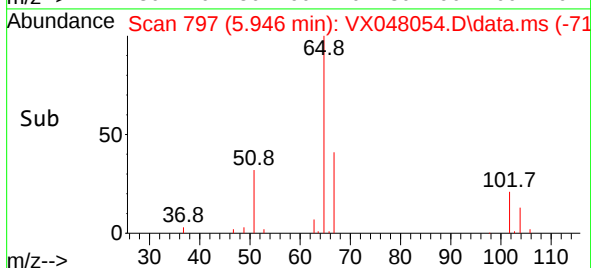
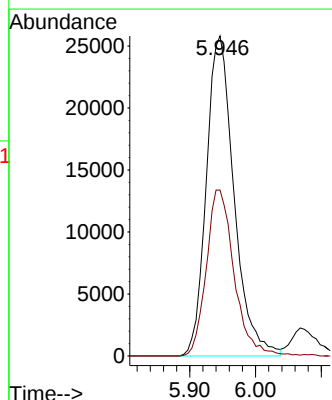
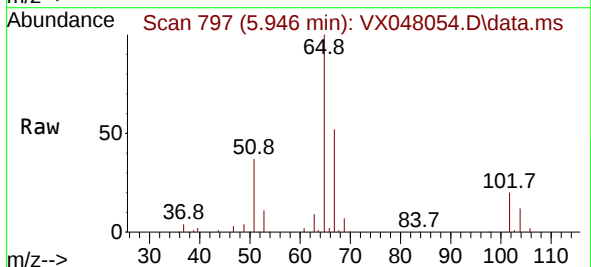
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

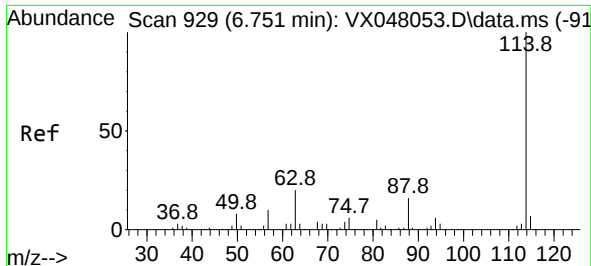
Tgt Ion: 56 Resp: 148095  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 86.3 66.6 100.0



#27  
1,2-Dichloroethane-d4  
Concen: 36.716 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 65 Resp: 75628  
Ion Ratio Lower Upper  
65 100  
67 51.4 41.0 61.4

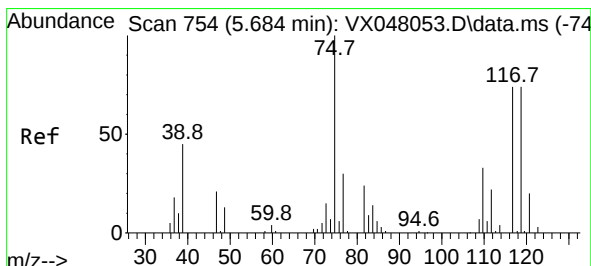
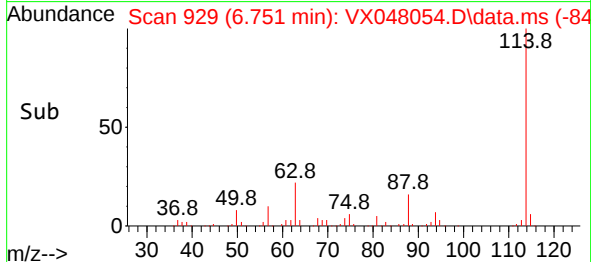
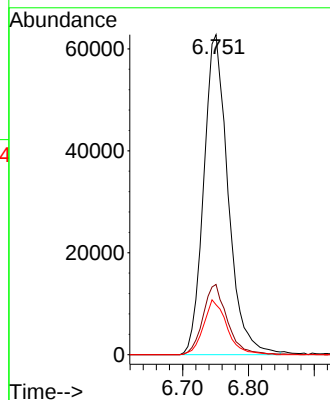
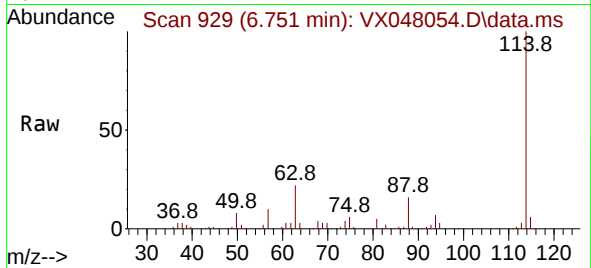




#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.751 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VX048054.D  
 Acq: 07 Oct 2025 17:43

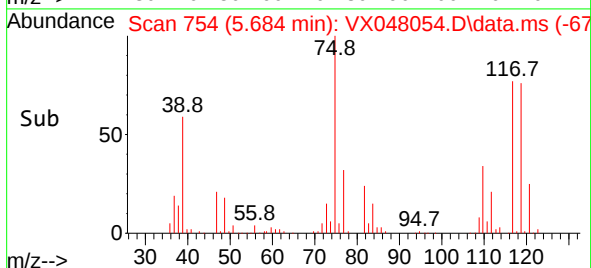
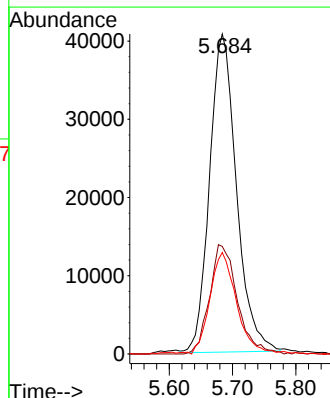
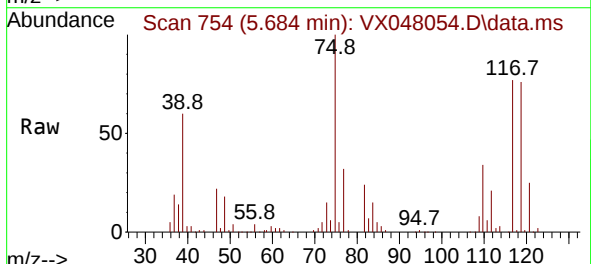
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

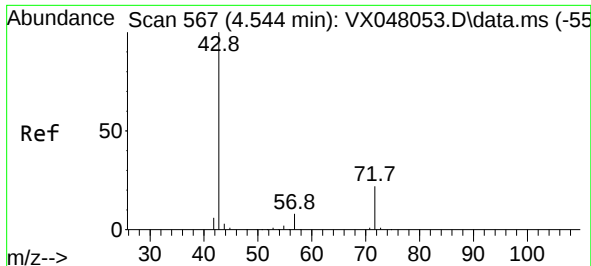
Tgt Ion:114 Resp: 161556  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 17.4 26.0  
 88 16.5 12.8 19.2



#29  
 1,1-Dichloropropene  
 Concen: 48.298 ug/l  
 RT: 5.684 min Scan# 754  
 Delta R.T. -0.000 min  
 Lab File: VX048054.D  
 Acq: 07 Oct 2025 17:43

Tgt Ion: 75 Resp: 120201  
 Ion Ratio Lower Upper  
 75 100  
 110 35.4 0.0 66.4  
 77 31.4 0.0 61.8

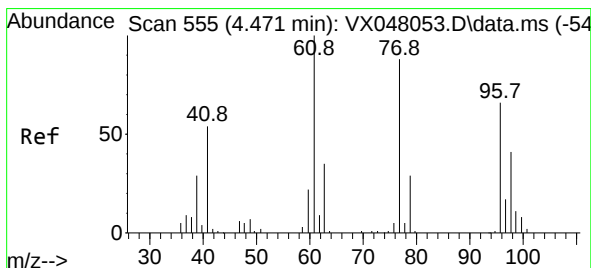
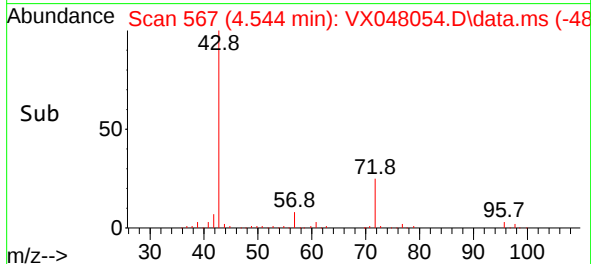
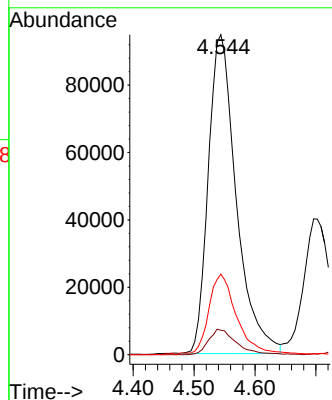
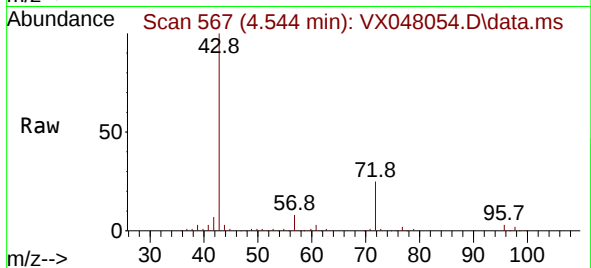




#30  
2-Butanone  
Concen: 266.041 ug/l  
RT: 4.544 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

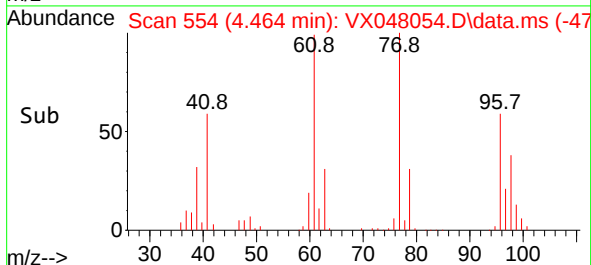
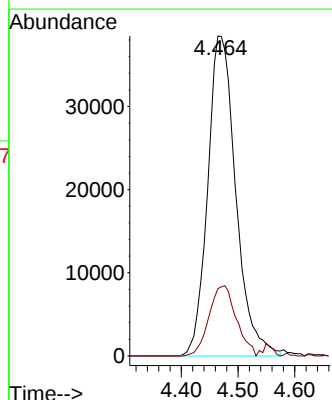
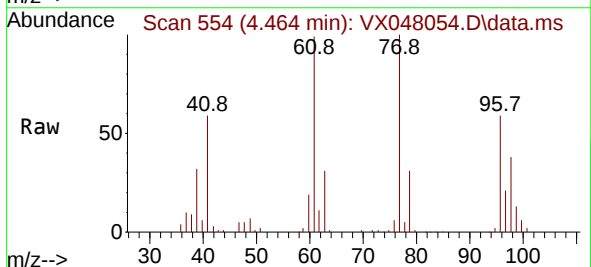
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

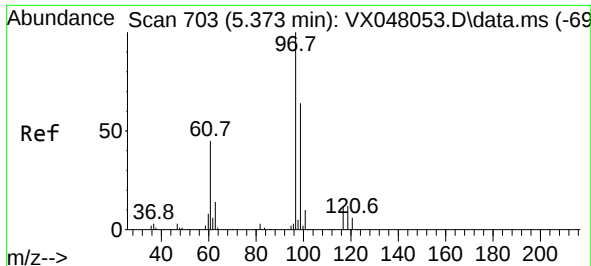
Tgt Ion: 43 Resp: 302336  
Ion Ratio Lower Upper  
43 100  
57 7.9 6.6 9.8  
72 25.1 18.9 28.3



#31  
2,2-Dichloropropane  
Concen: 57.148 ug/l  
RT: 4.464 min Scan# 554  
Delta R.T. -0.006 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 77 Resp: 132566  
Ion Ratio Lower Upper  
77 100  
97 21.3 13.8 20.8#

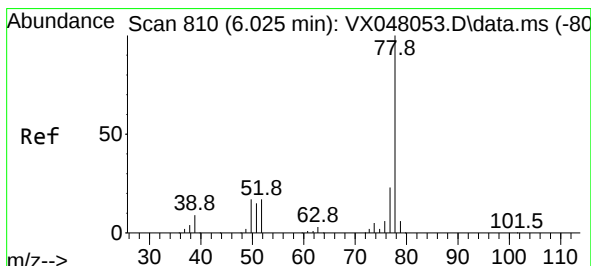
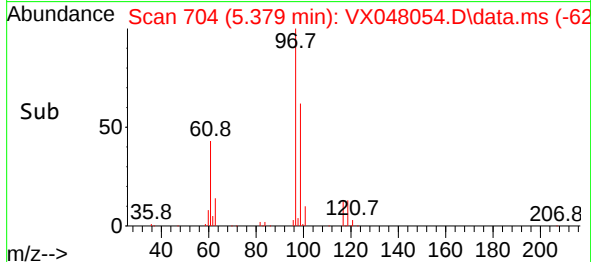
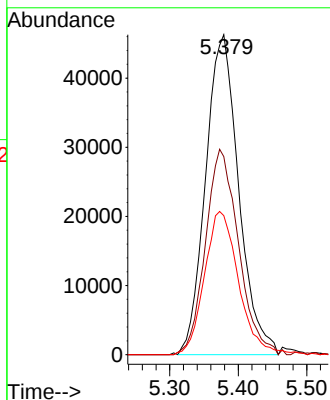
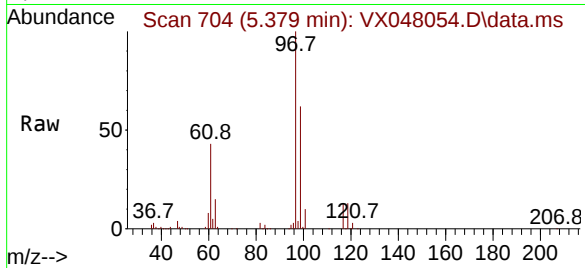




#32  
1,1,1-Trichloroethane  
Concen: 49.952 ug/l  
RT: 5.379 min Scan# 703  
Delta R.T. 0.006 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

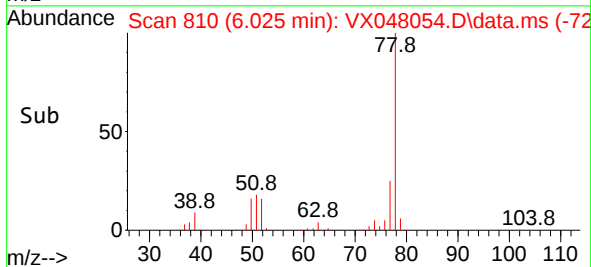
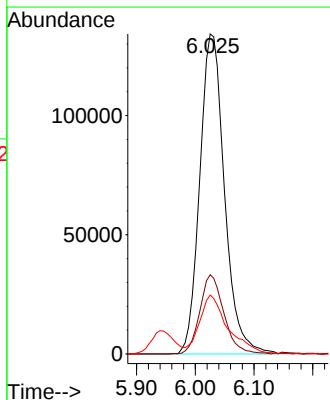
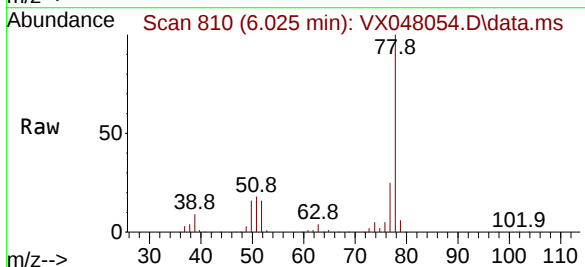
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

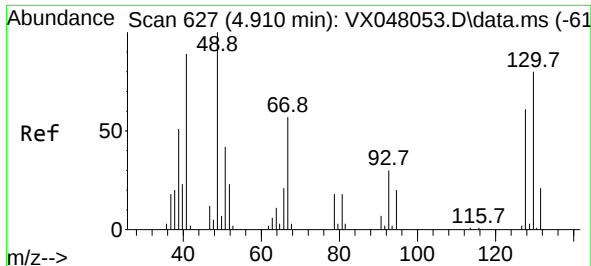
Tgt Ion: 97 Resp: 155516  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.4 75.6  
61 46.0 36.9 55.3



#34  
Benzene  
Concen: 52.591 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 78 Resp: 392489  
Ion Ratio Lower Upper  
78 100  
77 22.7 16.3 24.5  
51 17.1 13.8 20.8



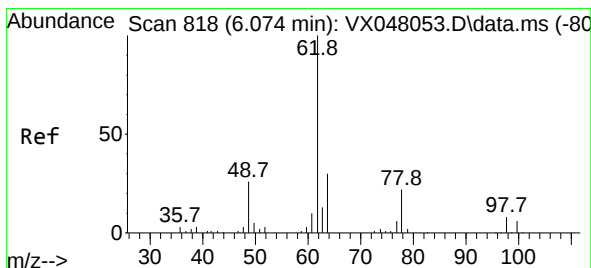
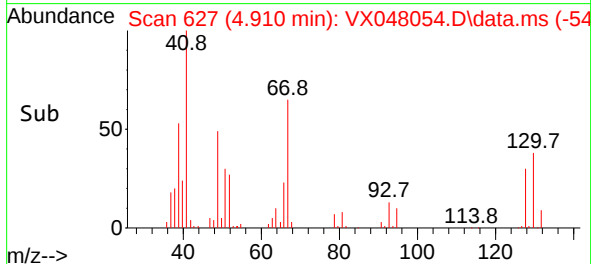
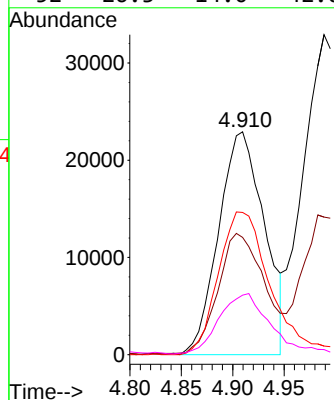
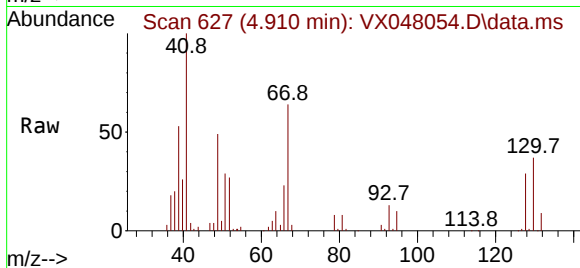


#35  
Methacrylonitrile  
Concen: 50.841 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

Tgt Ion: 41 Resp: 70961

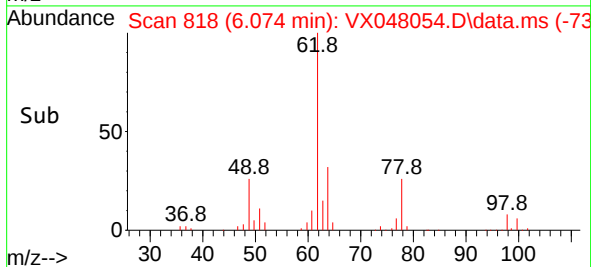
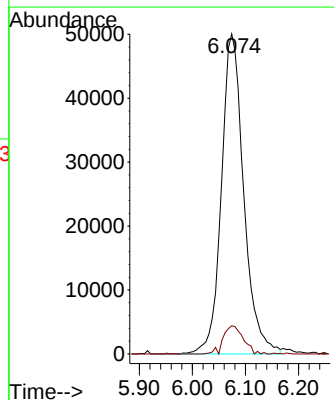
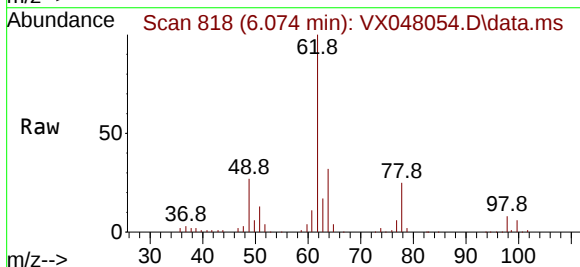
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 49.8  | 25.4  | 76.2  |
| 67  | 64.3  | 33.3  | 99.9  |
| 52  | 26.3  | 14.0  | 42.0  |

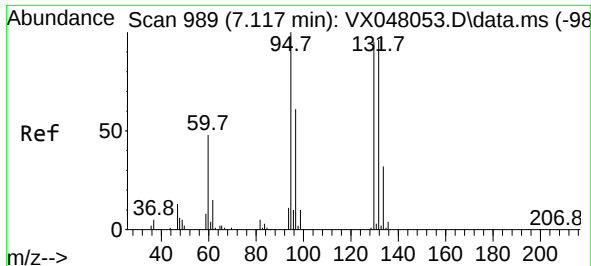


#36  
1,2-Dichloroethane  
Concen: 52.146 ug/l  
RT: 6.074 min Scan# 818  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 62 Resp: 146292

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 7.4   | 6.6   | 9.8   |





#37

Trichloroethene

Concen: 50.653 ug/l

RT: 7.110 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA\_X

ClientSampleId :

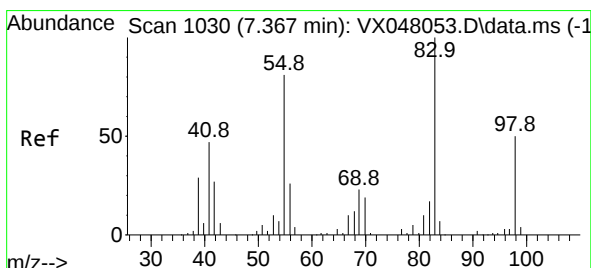
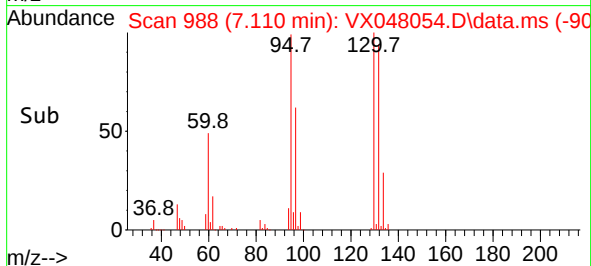
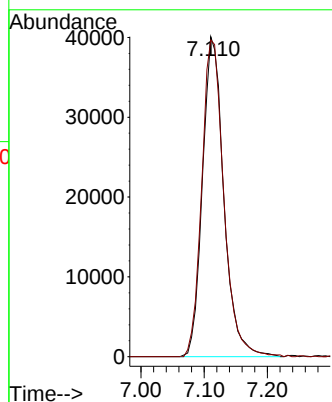
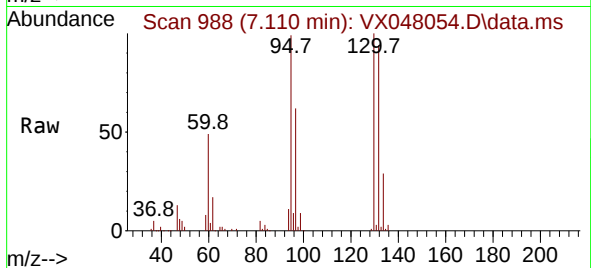
VSTDIC050

Tgt Ion:130 Resp: 93992

Ion Ratio Lower Upper

130 100

95 98.9 84.6 126.8



#38

Methylcyclohexane

Concen: 44.368 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

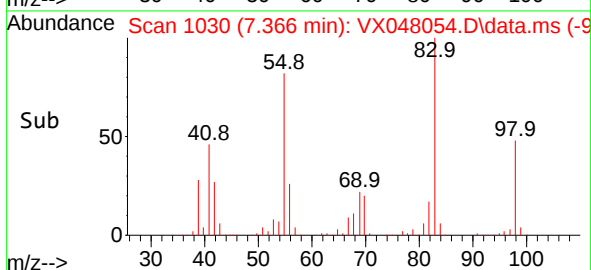
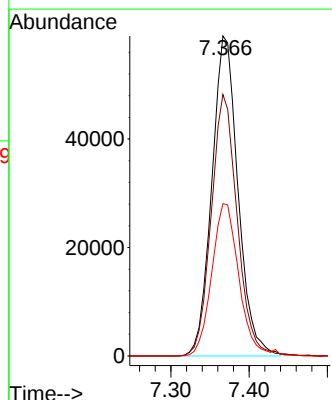
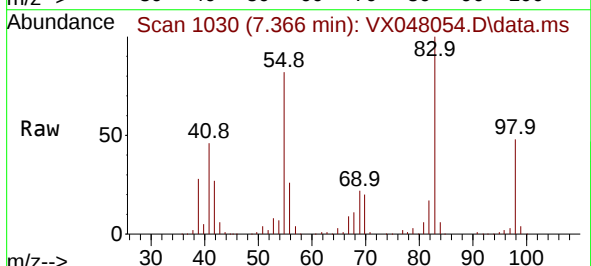
Tgt Ion: 83 Resp: 137334

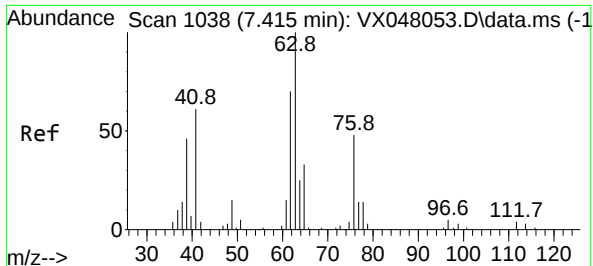
Ion Ratio Lower Upper

83 100

55 81.0 41.3 123.9

98 48.8 24.9 74.7





#39

1,2-Dichloropropane

Concen: 51.805 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA\_X

ClientSampleId :

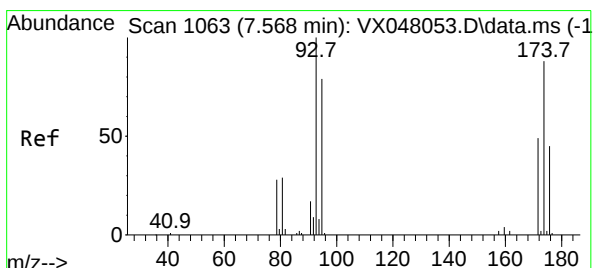
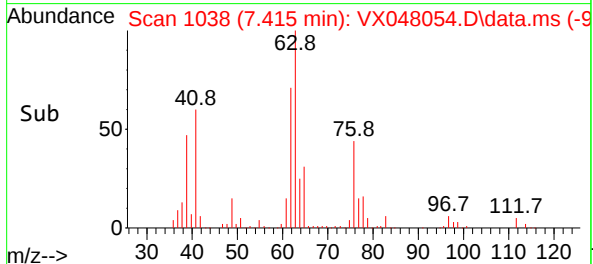
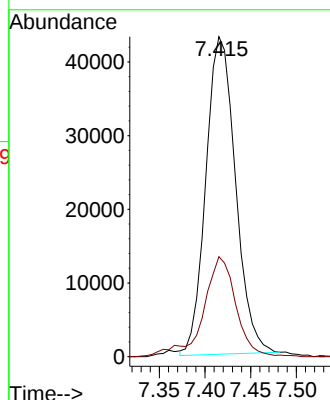
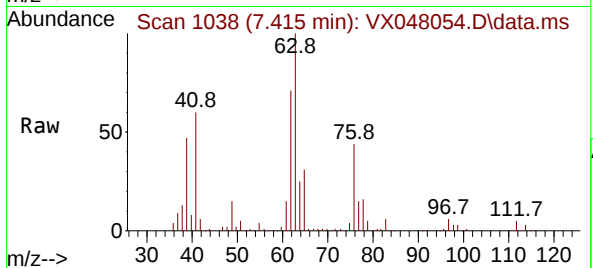
VSTDIC050

Tgt Ion: 63 Resp: 97178

Ion Ratio Lower Upper

63 100

65 32.0 26.2 39.2



#40

Dibromomethane

Concen: 52.016 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

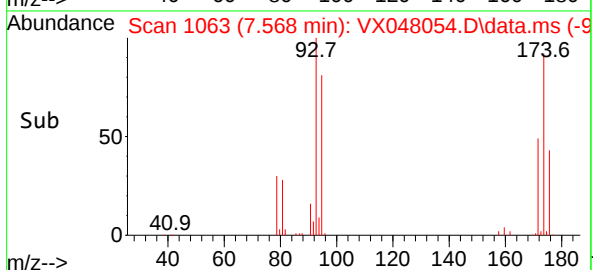
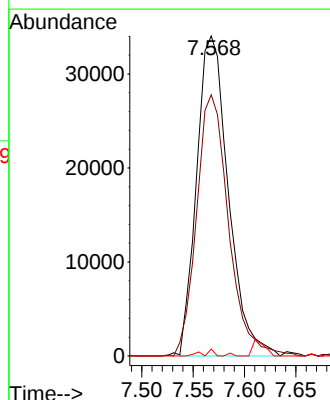
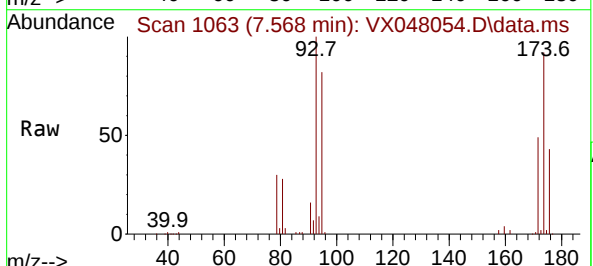
Tgt Ion: 93 Resp: 73039

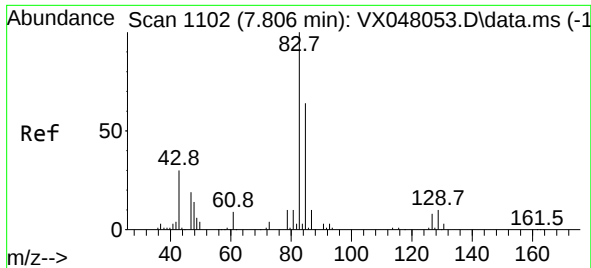
Ion Ratio Lower Upper

93 100

95 82.2 0.0 1.0#

174 0.4 0.0 29.6

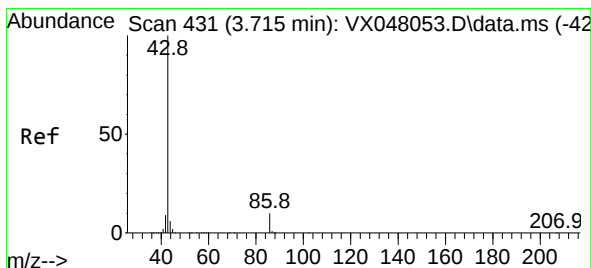
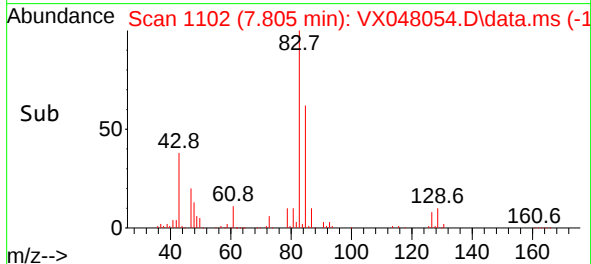
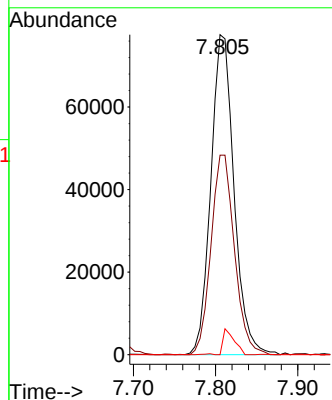
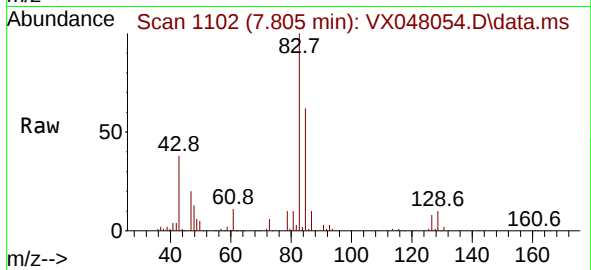




#41  
Bromodichloromethane  
Concen: 53.589 ug/l  
RT: 7.805 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

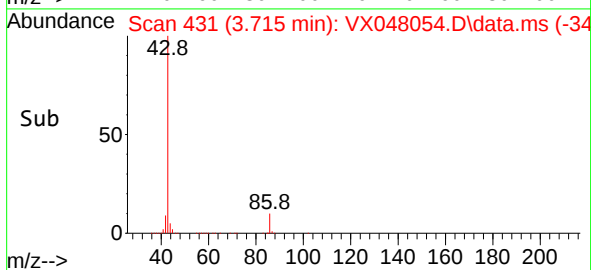
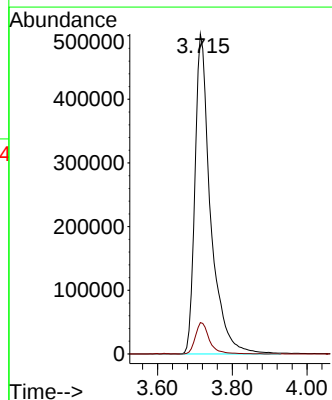
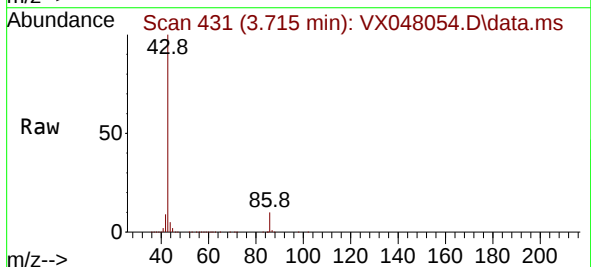
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MSVOA\_X  
ClientSampleId :  
VSTDIC050

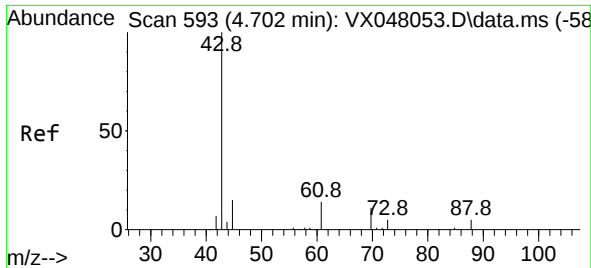
Tgt Ion: 83 Resp: 151915  
Ion Ratio Lower Upper  
83 100  
85 60.9 50.9 76.3  
127 0.8 6.8 10.2#



#42  
Vinyl Acetate  
Concen: 285.734 ug/l  
RT: 3.715 min Scan# 431  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 43 Resp: 1456204  
Ion Ratio Lower Upper  
43 100  
86 8.7 7.1 10.7

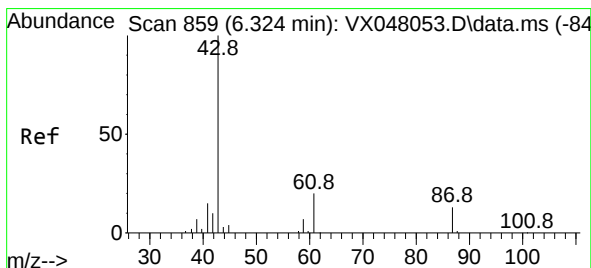
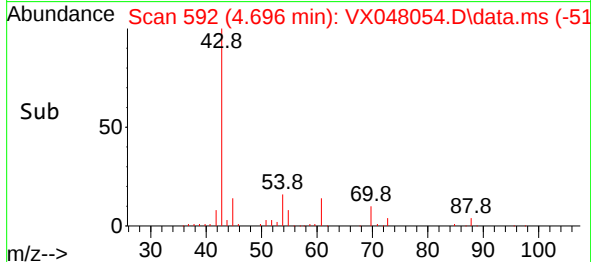
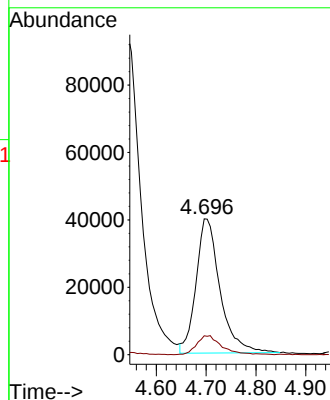
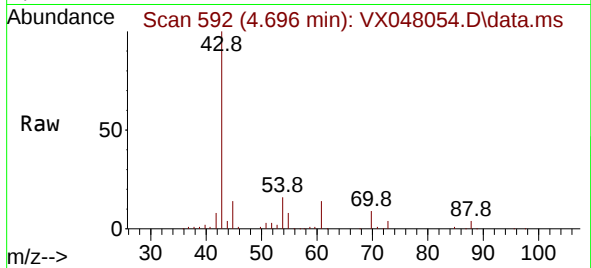




#43  
Ethyl Acetate  
Concen: 55.090 ug/l  
RT: 4.696 min Scan# 592  
Delta R.T. -0.006 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

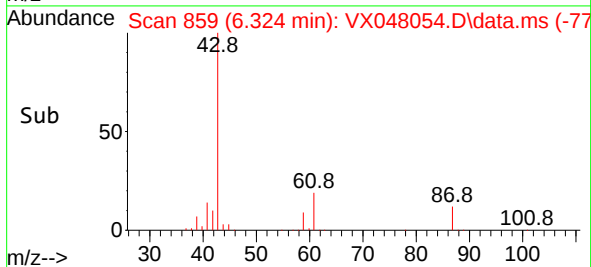
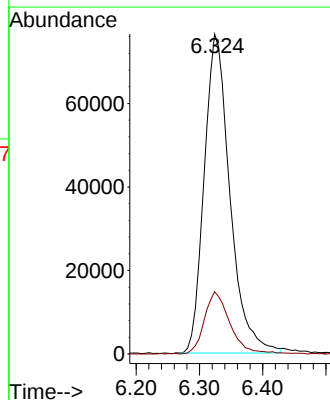
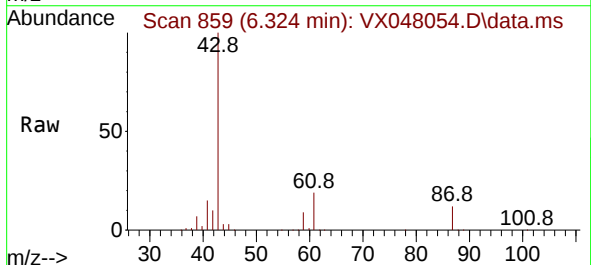
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050

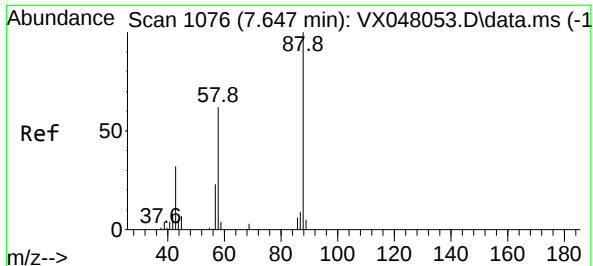
Tgt Ion: 43 Resp: 132926  
Ion Ratio Lower Upper  
43 100  
45 14.5 12.3 18.5



#44  
Isopropyl Acetate  
Concen: 56.008 ug/l  
RT: 6.324 min Scan# 859  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 43 Resp: 215967  
Ion Ratio Lower Upper  
43 100  
61 19.1 15.5 23.3

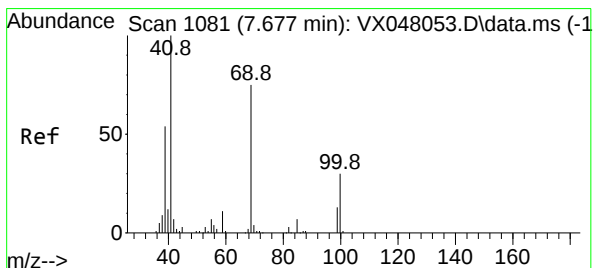
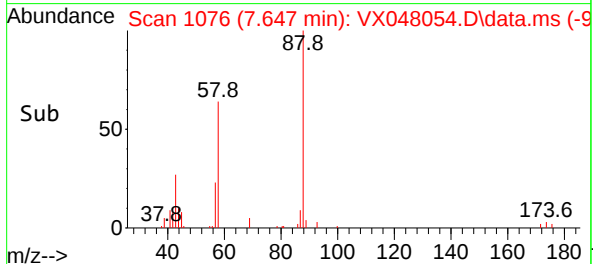
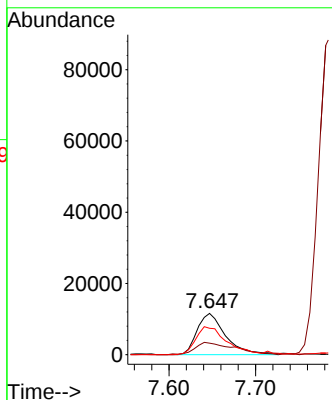
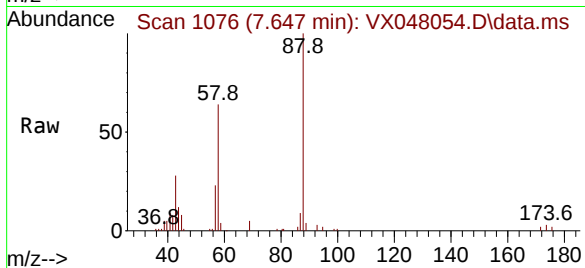




#45  
1,4-Dioxane  
Concen: 1109.215 ug/l  
RT: 7.647 min Scan# 1076  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

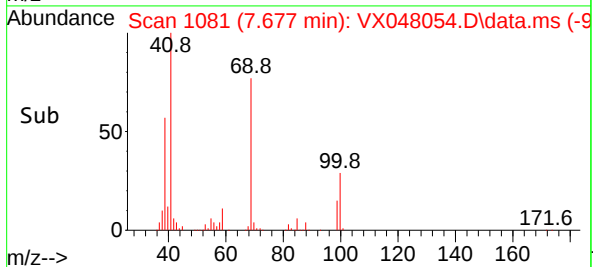
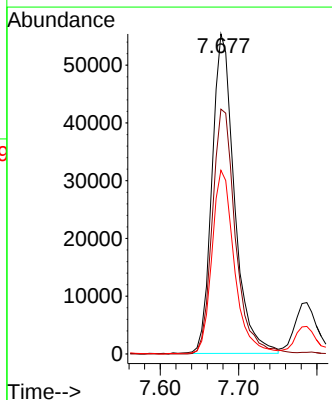
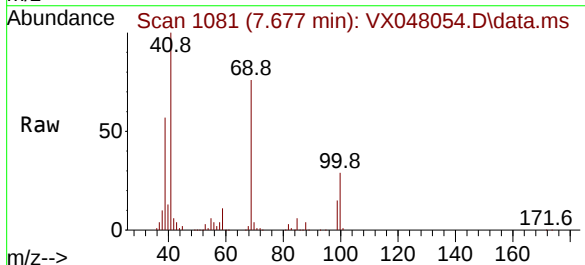
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

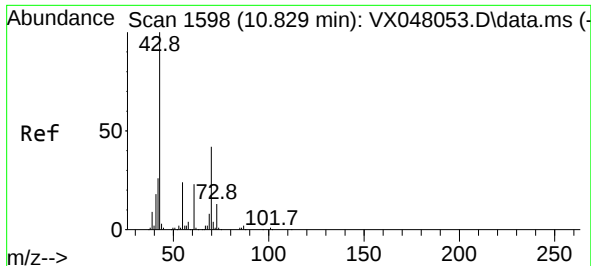
Tgt Ion: 88 Resp: 26487  
Ion Ratio Lower Upper  
88 100  
43 30.6 20.3 30.5#  
58 72.9 57.4 86.0



#46  
Methyl methacrylate  
Concen: 53.874 ug/l  
RT: 7.677 min Scan# 1081  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 41 Resp: 110123  
Ion Ratio Lower Upper  
41 100  
69 76.7 37.4 112.1  
39 56.6 27.0 80.8





#47

n-amy1 Acetate

Concen: 54.285 ug/l

RT: 10.829 min Scan# 1598

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA\_X

ClientSampleId :

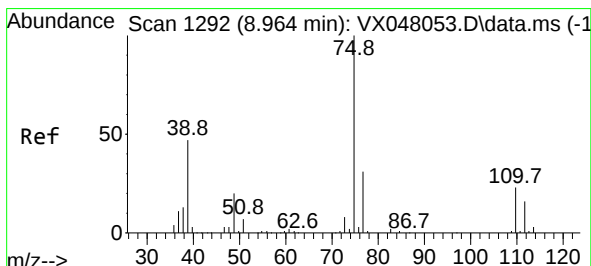
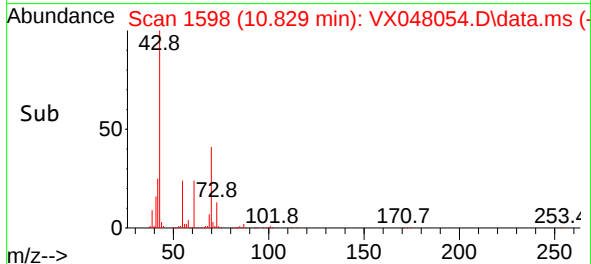
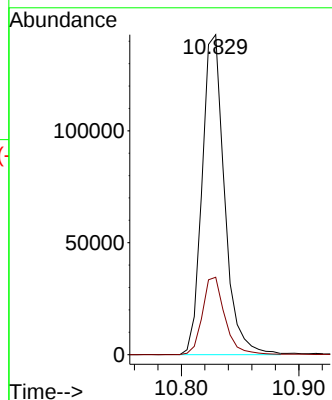
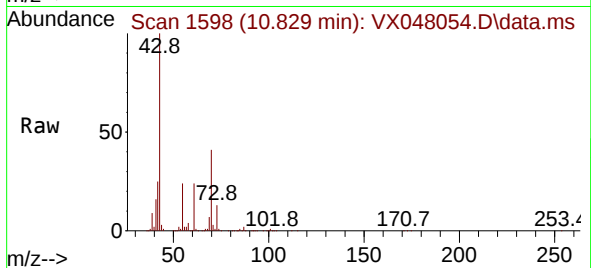
VSTDICC050

Tgt Ion: 43 Resp: 189267

Ion Ratio Lower Upper

43 100

55 24.3 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 56.238 ug/l

RT: 8.964 min Scan# 1292

Delta R.T. -0.000 min

Lab File: VX048054.D

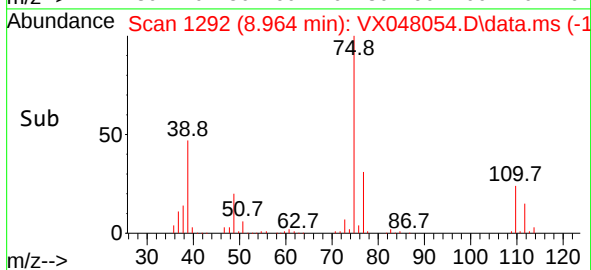
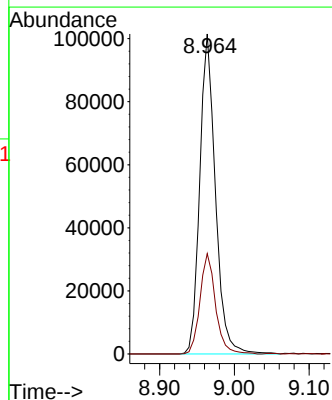
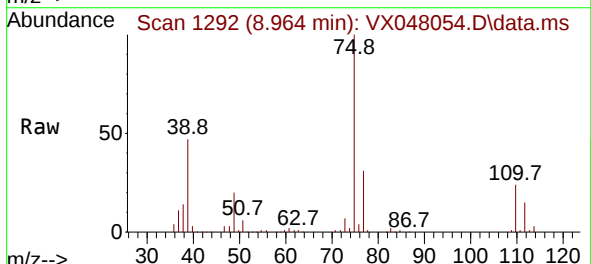
Acq: 07 Oct 2025 17:43

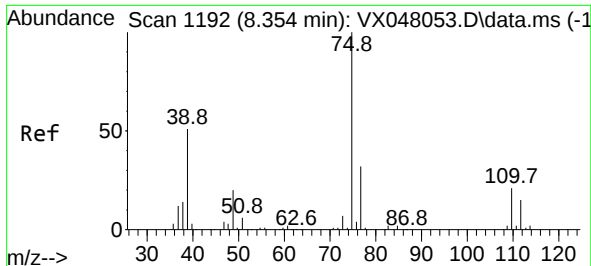
Tgt Ion: 75 Resp: 147570

Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 55.226 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

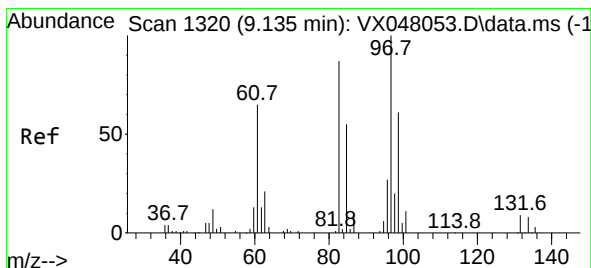
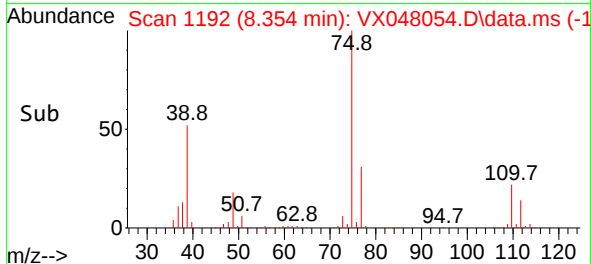
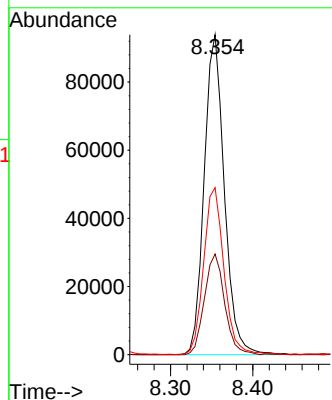
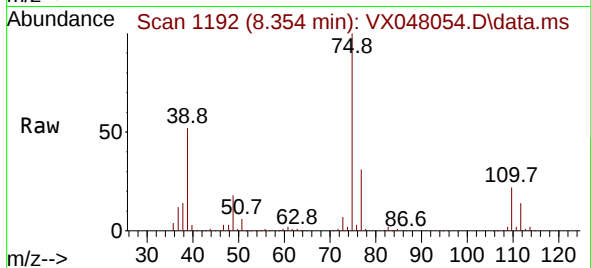
Tgt Ion: 75 Resp: 160156

Ion Ratio Lower Upper

75 100

77 31.4 26.9 40.3

39 52.0 41.2 61.8



#50

1,1,2-Trichloroethane

Concen: 51.851 ug/l

RT: 9.134 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Tgt Ion: 97 Resp: 91861

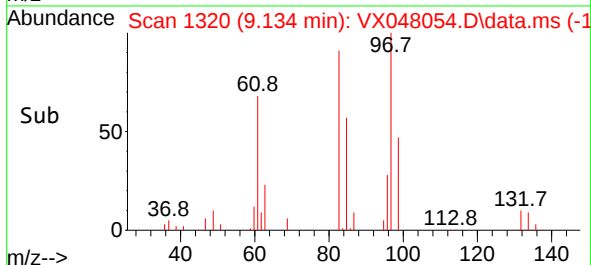
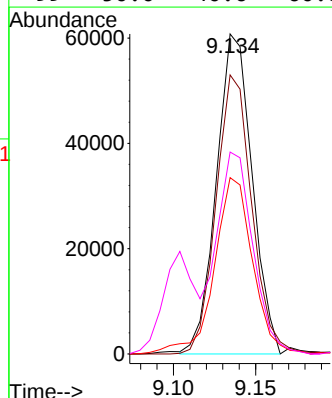
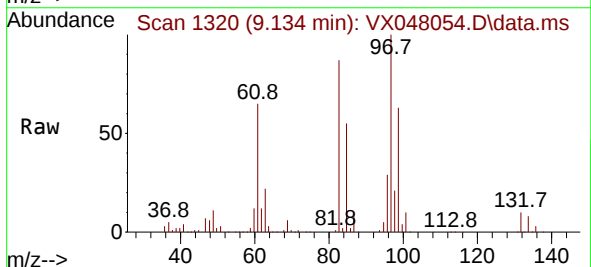
Ion Ratio Lower Upper

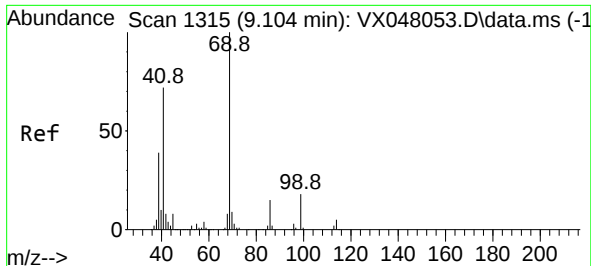
97 100

83 72.5 58.9 88.3

85 43.6 36.8 55.2

99 50.0 40.6 60.8

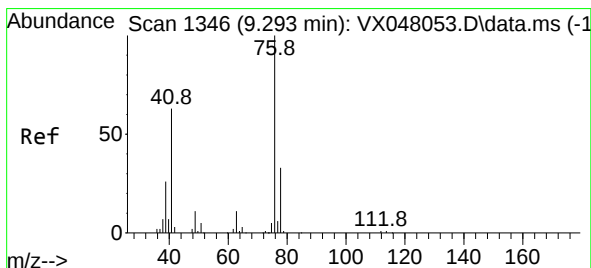
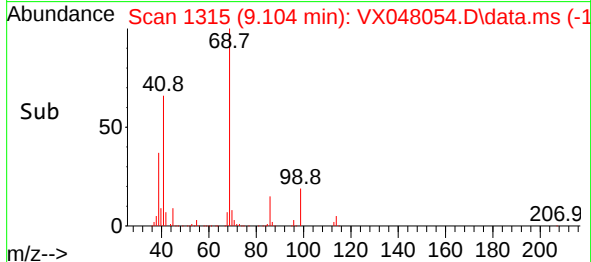
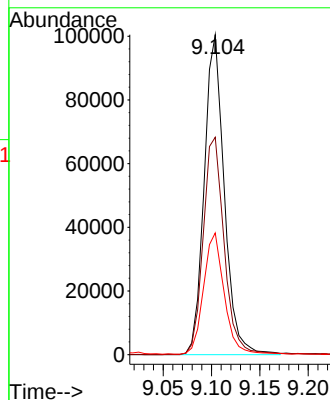
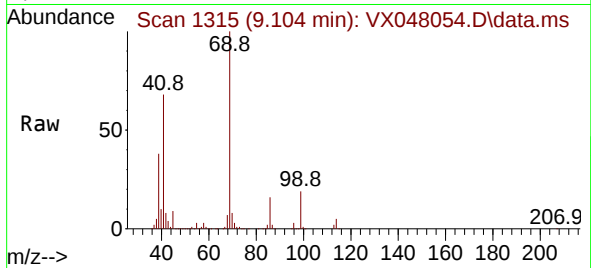




#51  
Ethyl methacrylate  
Concen: 54.404 ug/l  
RT: 9.104 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

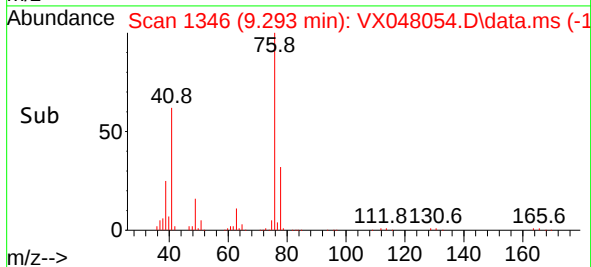
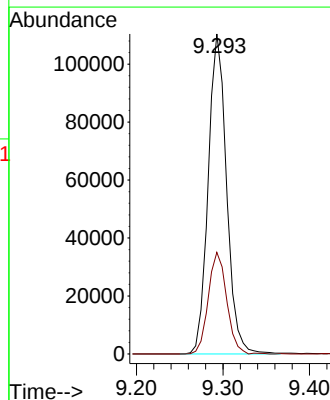
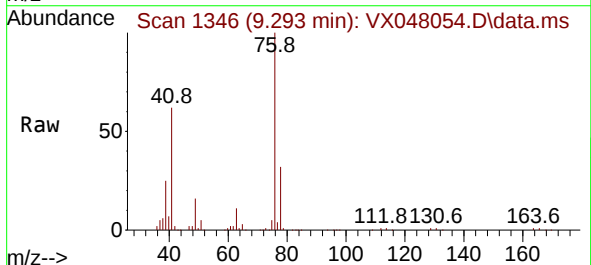
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050

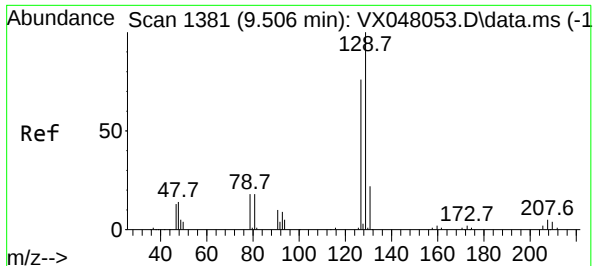
Tgt Ion: 69 Resp: 145695  
Ion Ratio Lower Upper  
69 100  
41 67.8 35.9 107.8  
39 37.7 19.3 57.9



#52  
1,3-Dichloropropane  
Concen: 53.035 ug/l  
RT: 9.293 min Scan# 1346  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 76 Resp: 162724  
Ion Ratio Lower Upper  
76 100  
78 31.6 0.0 64.2

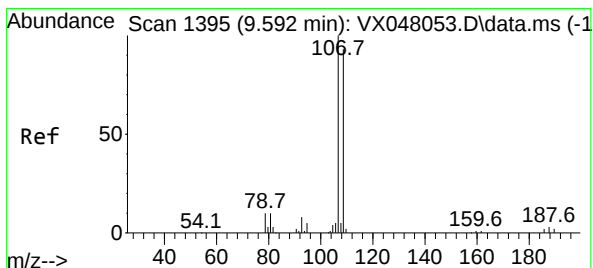
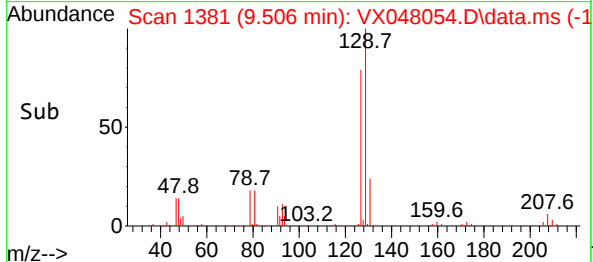
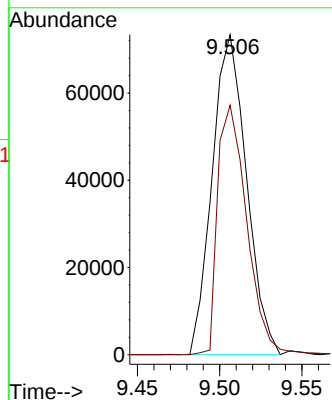
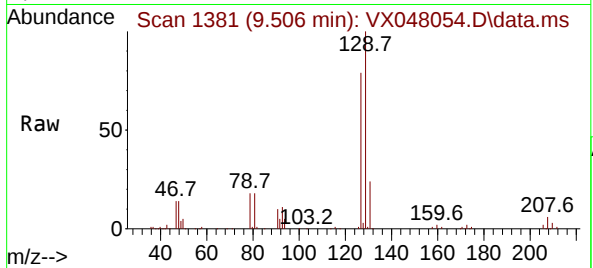




#53  
Dibromochloromethane  
Concen: 54.748 ug/l  
RT: 9.506 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

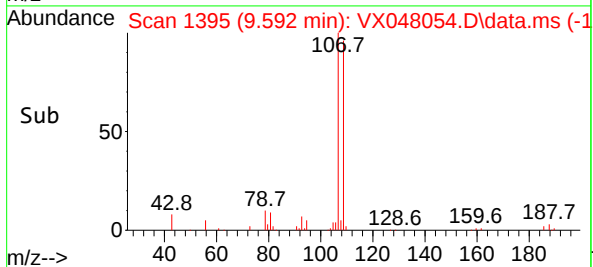
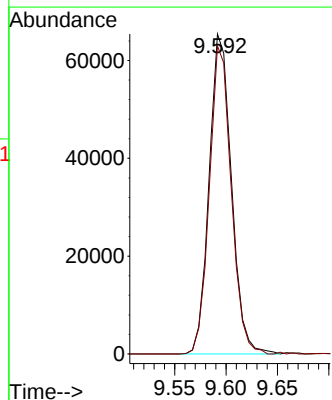
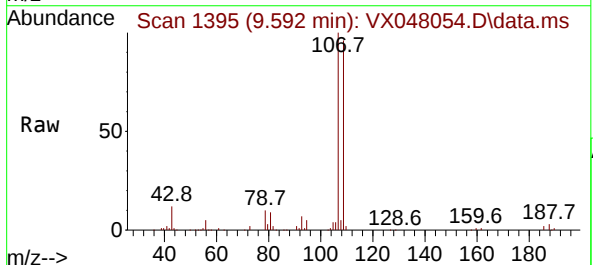
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

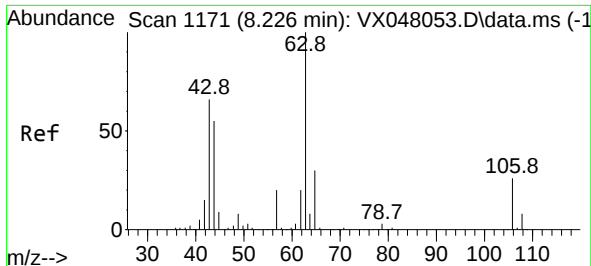
Tgt Ion:129 Resp: 106624  
Ion Ratio Lower Upper  
129 100  
127 66.1 0.1 0.5#



#54  
1,2-Dibromoethane  
Concen: 53.099 ug/l  
RT: 9.592 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion:107 Resp: 98691  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.2 112.8





#55

2-Chloroethyl vinyl ether

Concen: 275.524 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC050

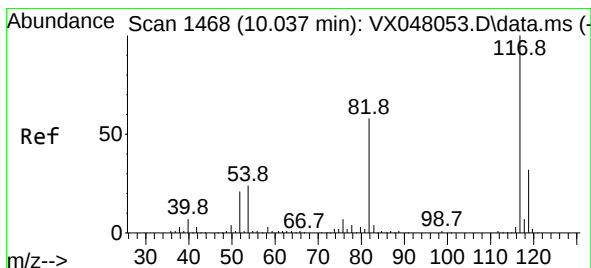
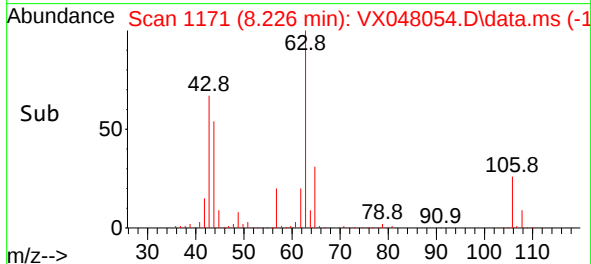
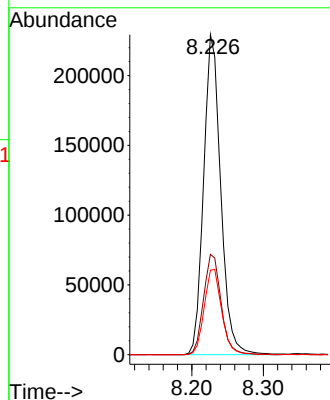
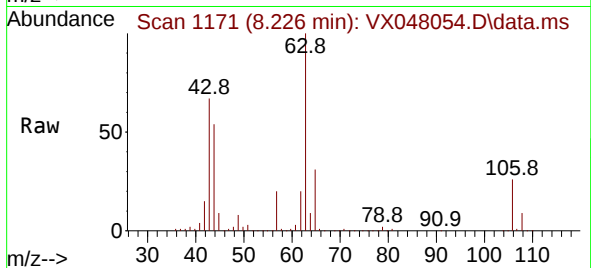
Tgt Ion: 63 Resp: 381611

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.4

106 27.2 21.9 32.9



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

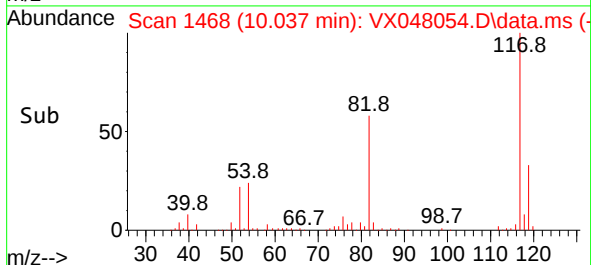
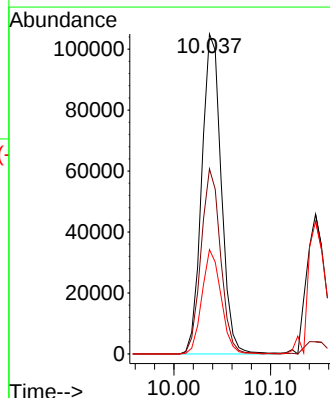
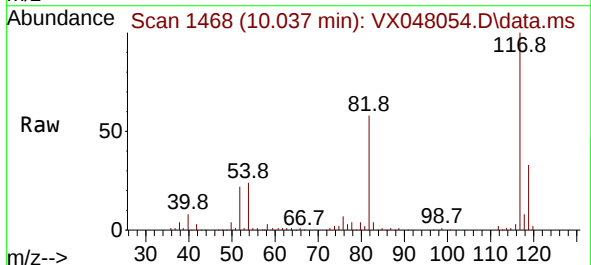
Tgt Ion: 117 Resp: 147460

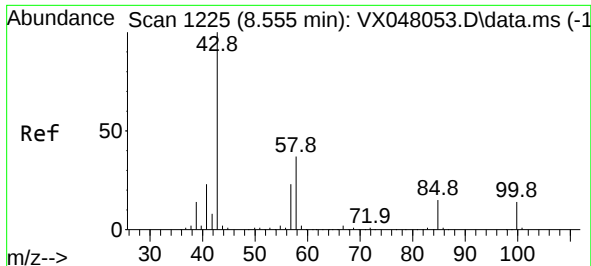
Ion Ratio Lower Upper

117 100

82 58.0 46.2 69.4

119 31.9 25.6 38.4

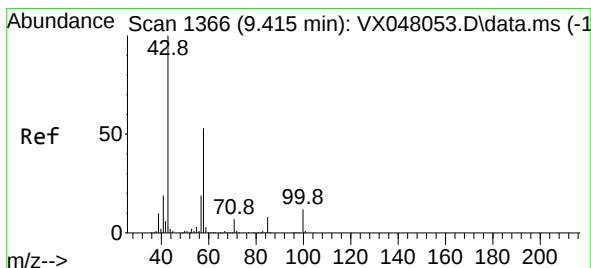
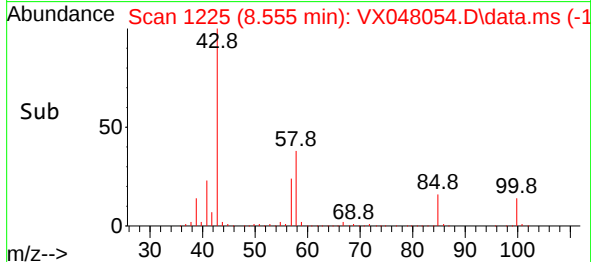
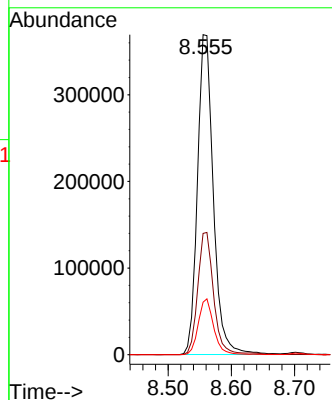
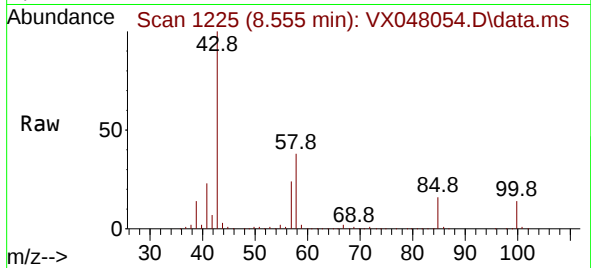




#58  
4-Methyl-2-Pentanone  
Concen: 266.857 ug/l  
RT: 8.555 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

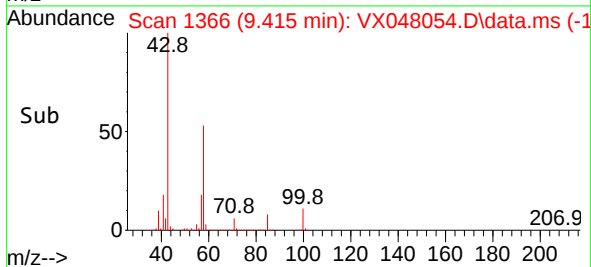
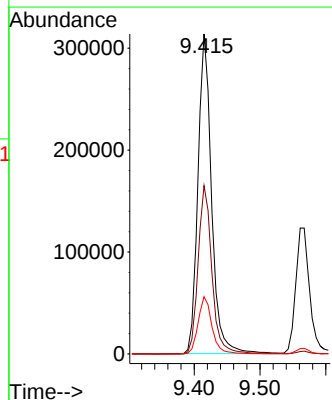
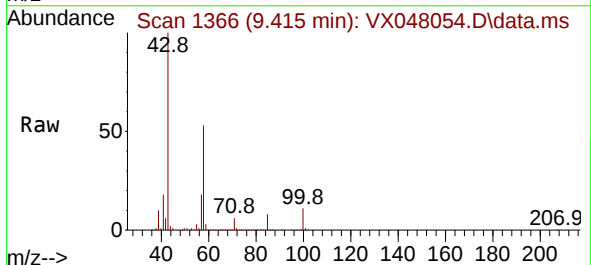
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

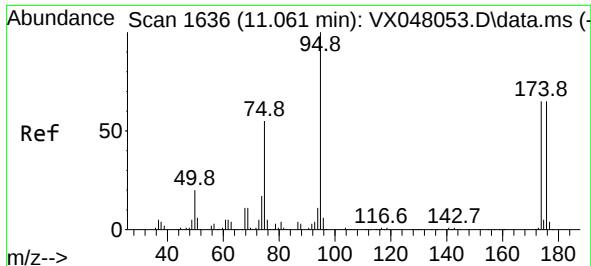
Tgt Ion: 43 Resp: 646851  
Ion Ratio Lower Upper  
43 100  
58 37.8 29.5 44.3  
85 17.0 12.8 19.2



#59  
2-Hexanone  
Concen: 266.051 ug/l  
RT: 9.415 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 43 Resp: 451096  
Ion Ratio Lower Upper  
43 100  
58 53.2 42.2 63.2  
57 18.0 14.2 21.4

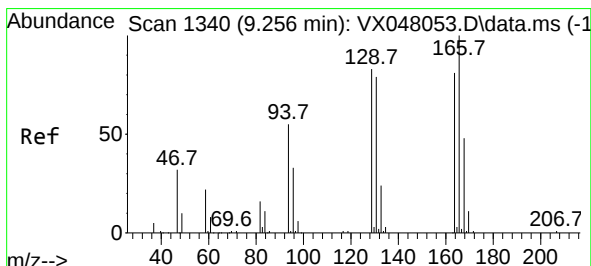
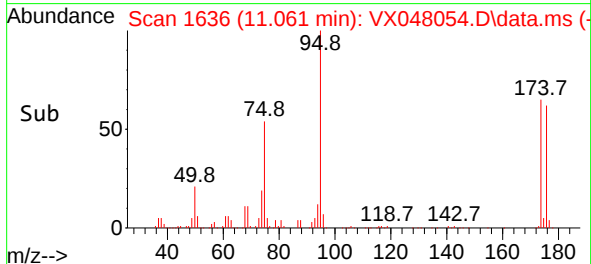
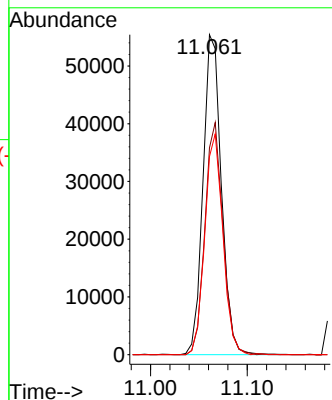
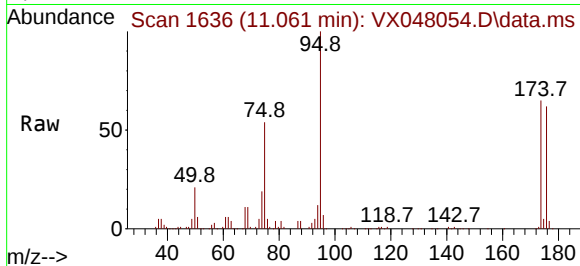




#60  
4-Bromofluorobenzene  
Concen: 29.495 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

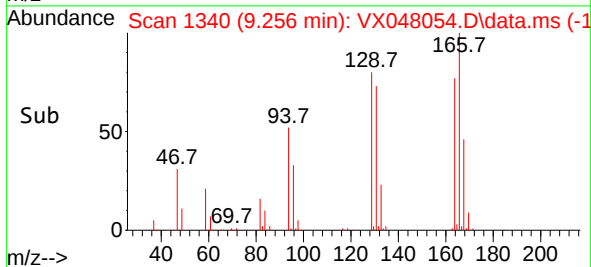
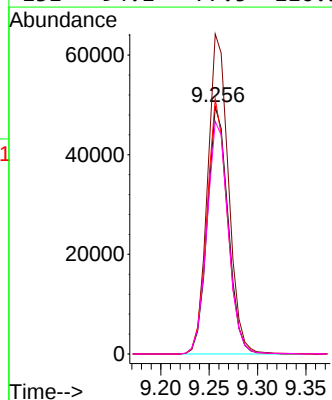
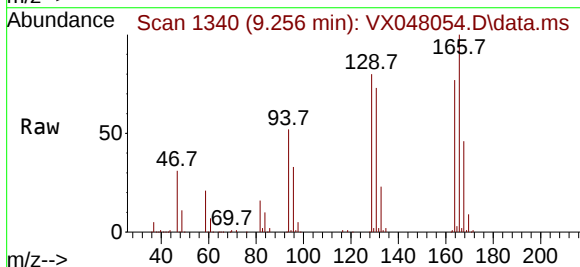
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

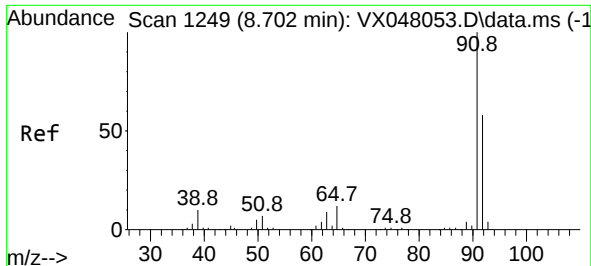
Tgt Ion: 95 Resp: 73149  
Ion Ratio Lower Upper  
95 100  
174 71.8 55.8 83.8  
176 68.2 55.0 82.4



#61  
Tetrachloroethene  
Concen: 48.624 ug/l  
RT: 9.256 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 164 Resp: 74139  
Ion Ratio Lower Upper  
164 100  
166 129.4 97.3 145.9  
129 105.3 81.6 122.4  
131 94.1 77.5 116.3





#62

Toluene

Concen: 51.209 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA\_X

ClientSampleId :

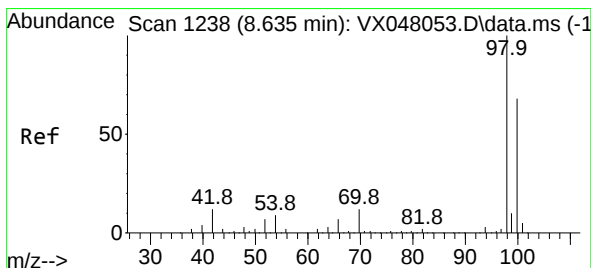
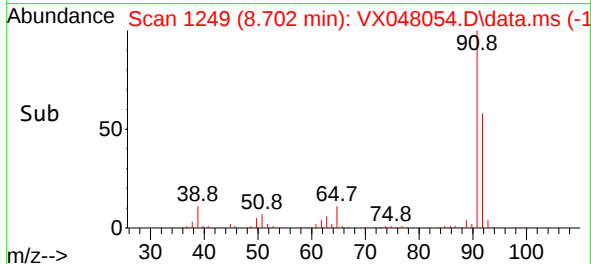
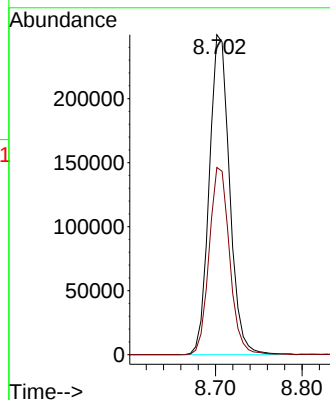
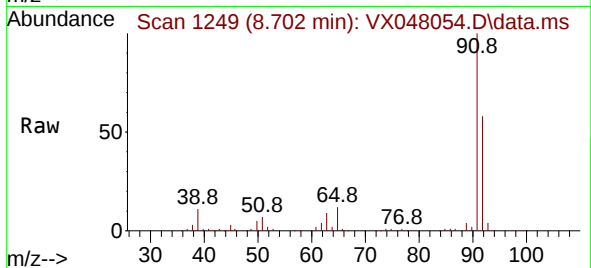
VSTDIC050

Tgt Ion: 91 Resp: 407485

Ion Ratio Lower Upper

91 100

92 58.8 47.1 70.7



#63

Toluene-d8

Concen: 30.481 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048054.D

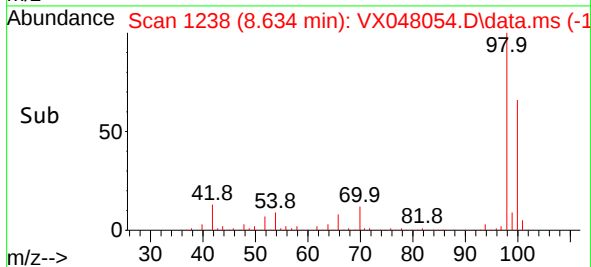
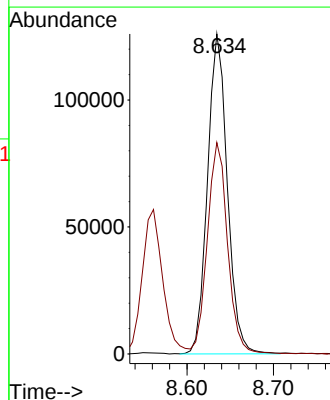
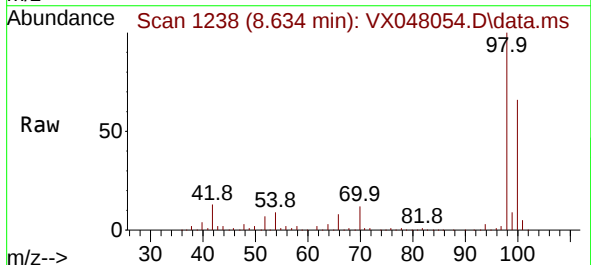
Acq: 07 Oct 2025 17:43

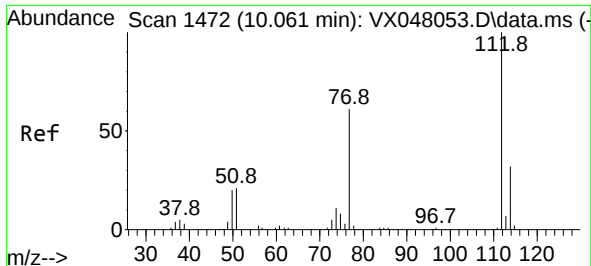
Tgt Ion: 98 Resp: 200534

Ion Ratio Lower Upper

98 100

100 67.2 54.1 81.1

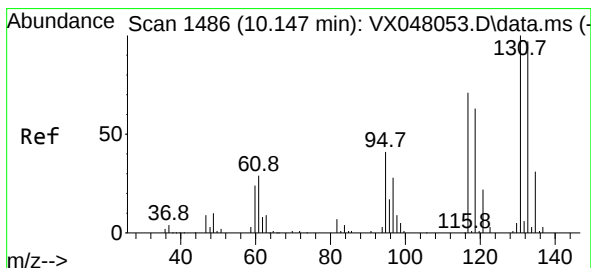
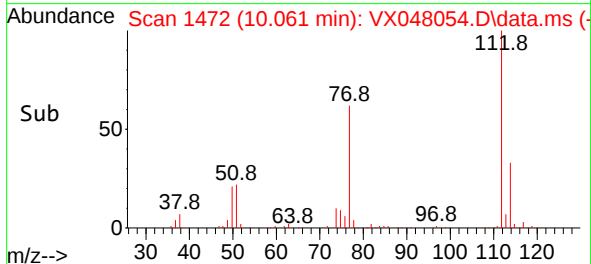
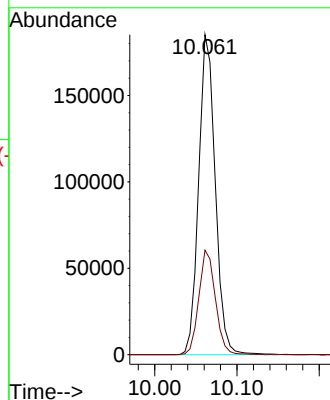
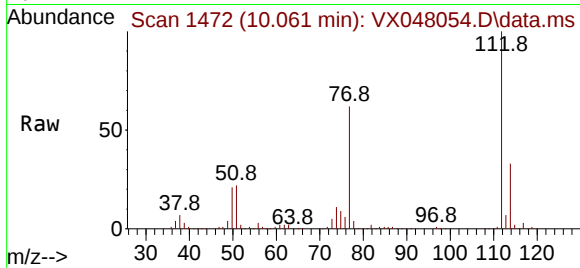




#64  
Chlorobenzene  
Concen: 50.489 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

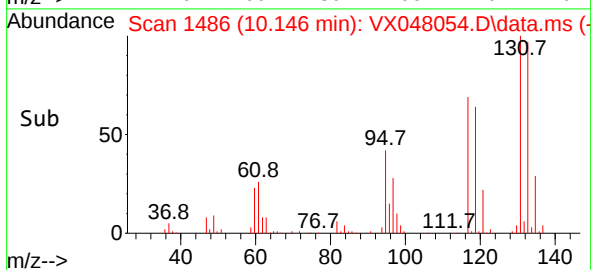
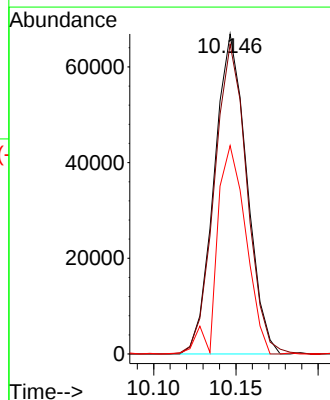
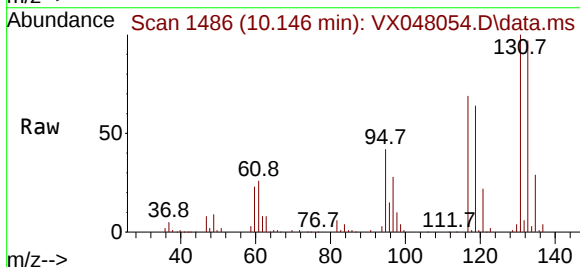
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

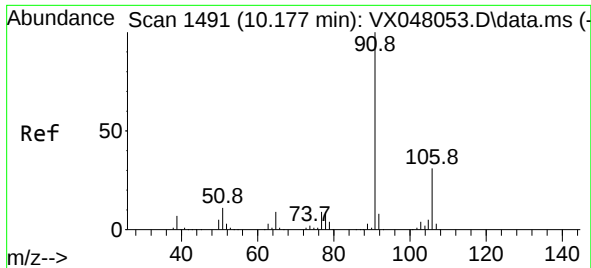
Tgt Ion:112 Resp: 259638  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.5 38.3



#65  
1,1,1,2-Tetrachloroethane  
Concen: 53.072 ug/l  
RT: 10.146 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion:131 Resp: 92291  
Ion Ratio Lower Upper  
131 100  
133 96.5 0.0 188.0  
119 54.4 0.0 44.4#

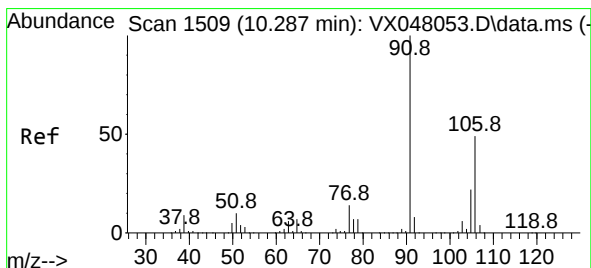
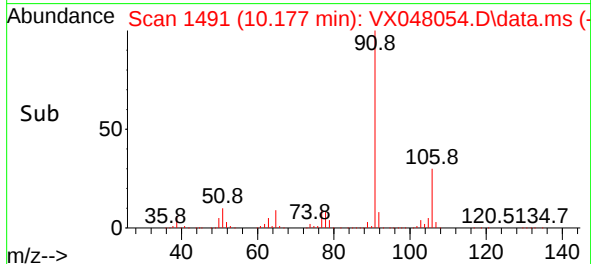
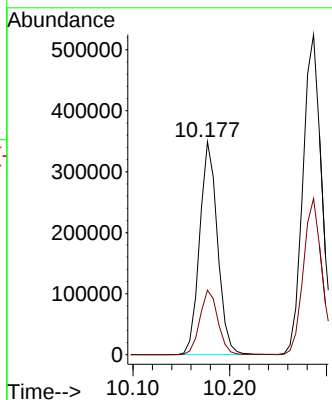
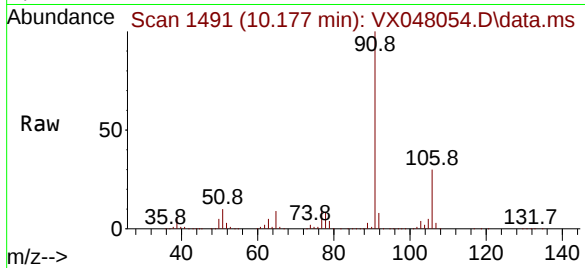




#66  
Ethyl Benzene  
Concen: 49.887 ug/l  
RT: 10.177 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

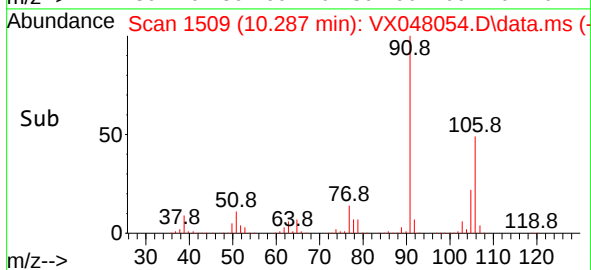
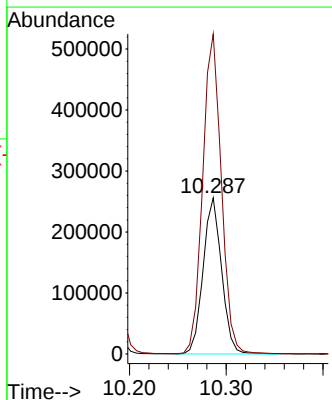
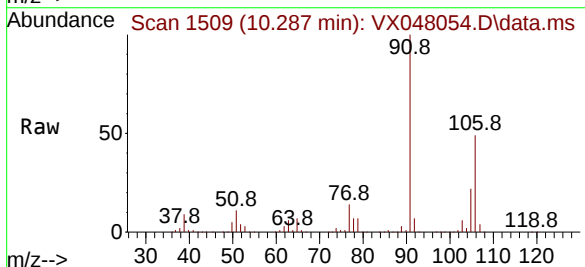
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

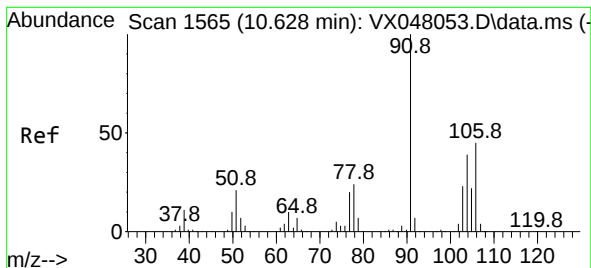
Tgt Ion: 91 Resp: 448296  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.0 37.6



#67  
m/p-Xylenes  
Concen: 101.713 ug/l  
RT: 10.287 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 106 Resp: 340689  
Ion Ratio Lower Upper  
106 100  
91 206.9 165.8 248.6

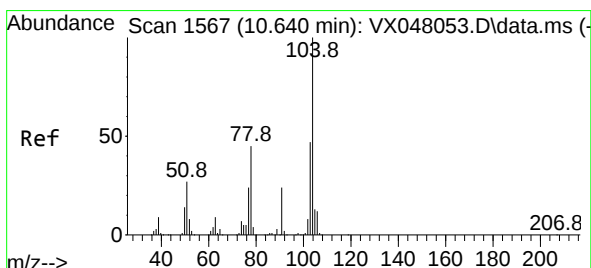
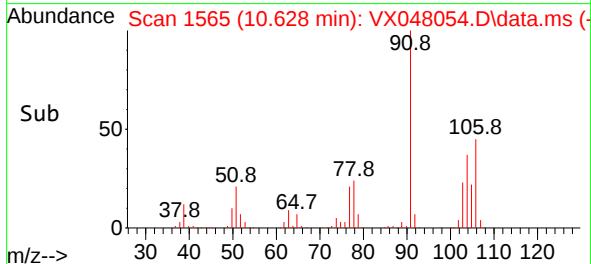
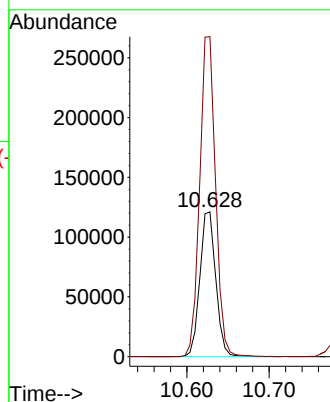
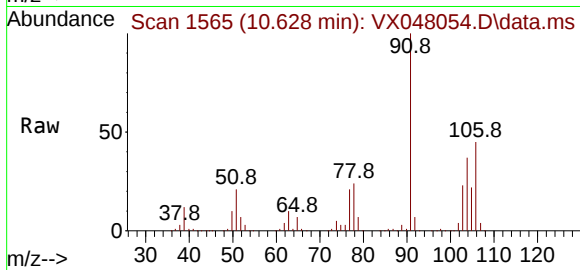




#68  
o-Xylene  
Concen: 50.724 ug/l  
RT: 10.628 min Scan# 1565  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

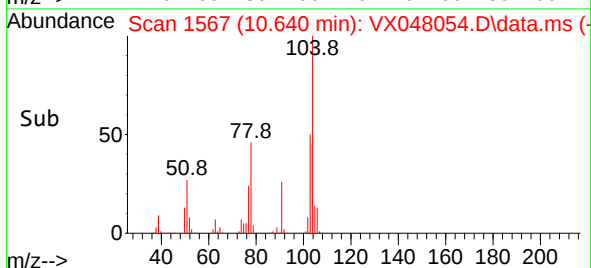
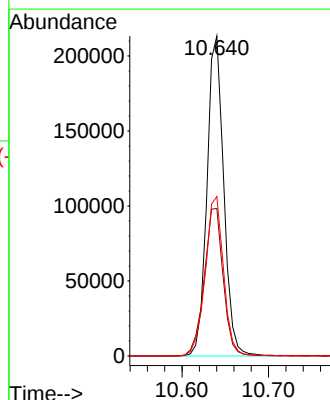
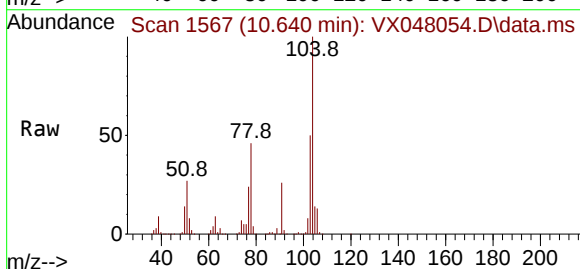
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

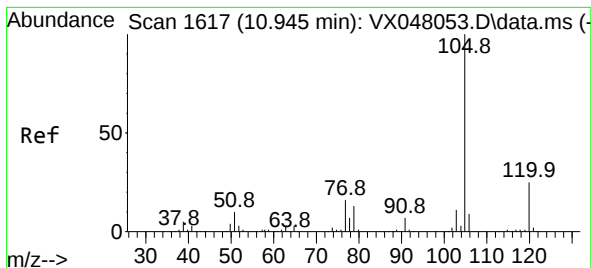
Tgt Ion:106 Resp: 162850  
Ion Ratio Lower Upper  
106 100  
91 220.5 112.6 337.6



#69  
Styrene  
Concen: 51.772 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion:104 Resp: 286831  
Ion Ratio Lower Upper  
104 100  
78 52.4 41.4 62.0  
103 54.5 42.4 63.6





#70

Isopropylbenzene

Concen: 47.900 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA\_X

ClientSampleId :

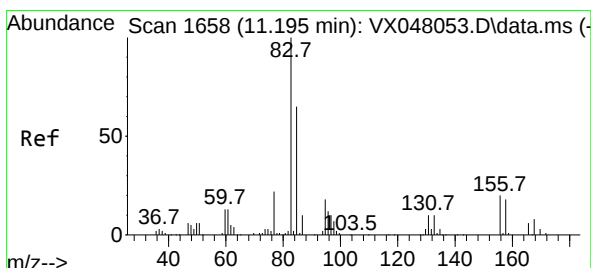
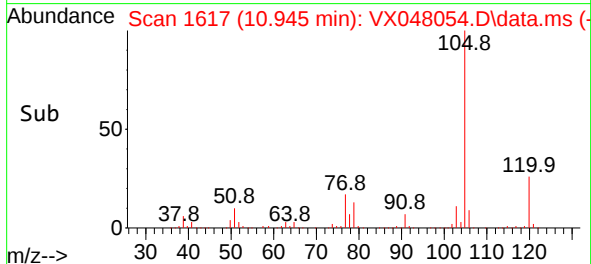
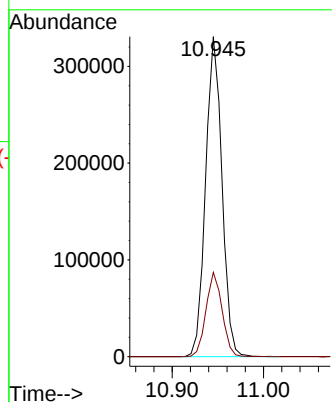
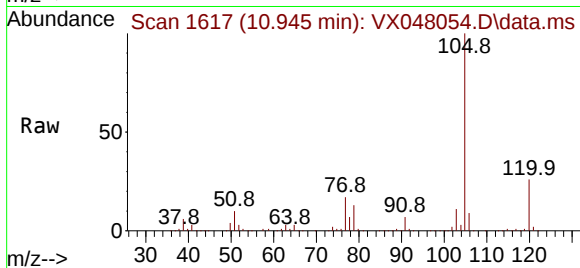
VSTDIC050

Tgt Ion:105 Resp: 409772

Ion Ratio Lower Upper

105 100

120 25.9 18.3 33.9



#71

1,1,2,2-Tetrachloroethane

Concen: 50.592 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

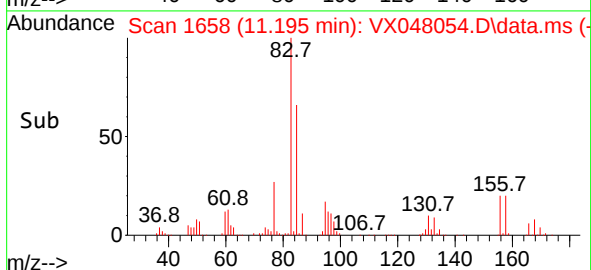
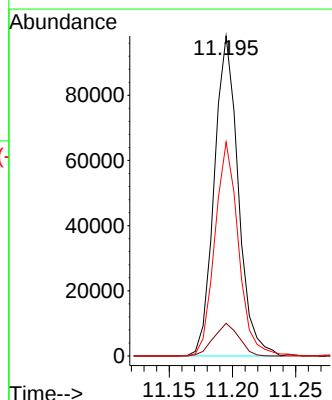
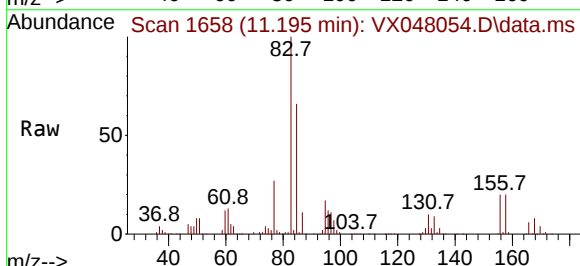
Tgt Ion: 83 Resp: 129480

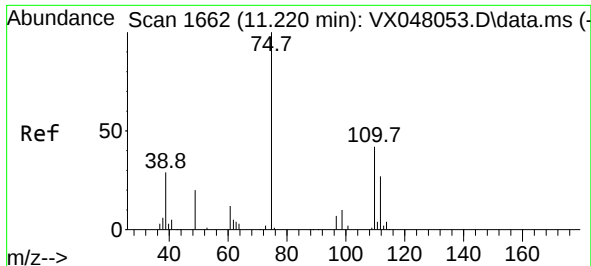
Ion Ratio Lower Upper

83 100

131 10.8 4.7 14.1

85 65.9 32.0 96.2

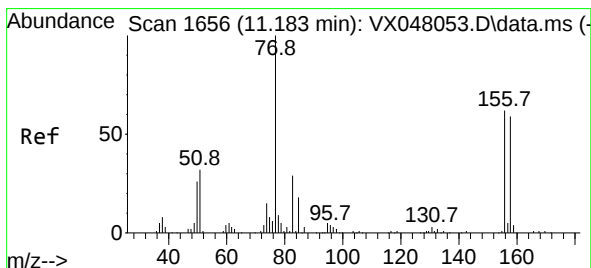
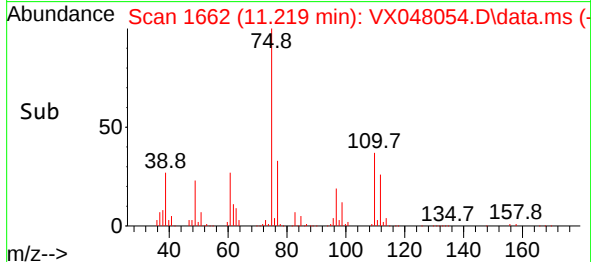
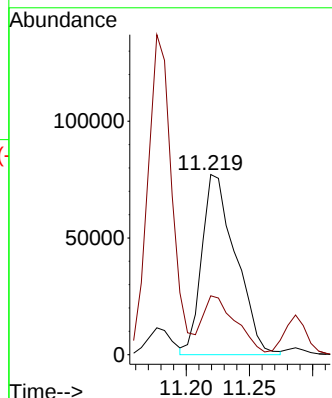
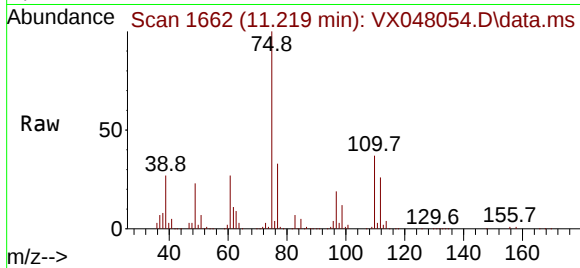




#72  
1,2,3-Trichloropropane  
Concen: 67.010 ug/l  
RT: 11.219 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

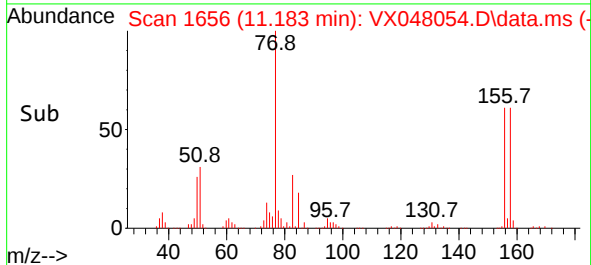
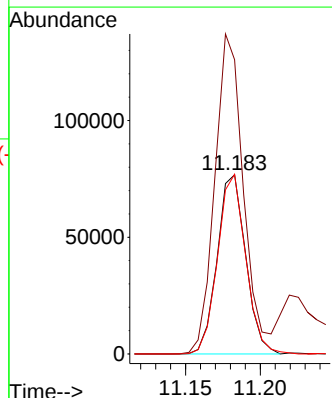
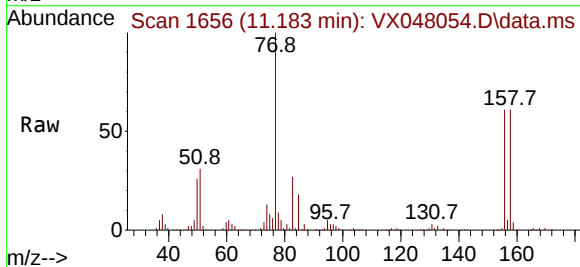
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

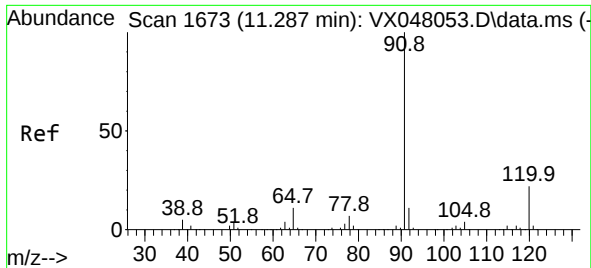
Tgt Ion: 75 Resp: 144770  
Ion Ratio Lower Upper  
75 100  
77 31.0 0.0 76.4



#73  
Bromobenzene  
Concen: 50.077 ug/l  
RT: 11.183 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion:156 Resp: 101684  
Ion Ratio Lower Upper  
156 100  
77 178.8 0.0 366.2  
158 99.0 0.0 196.8

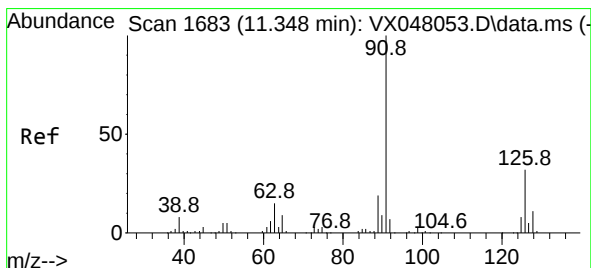
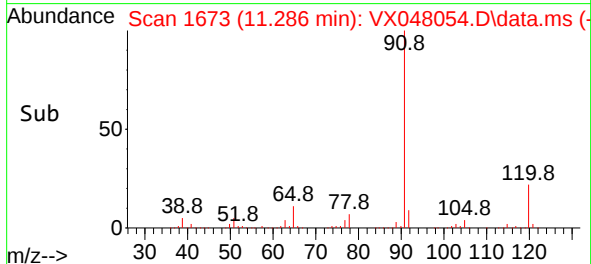
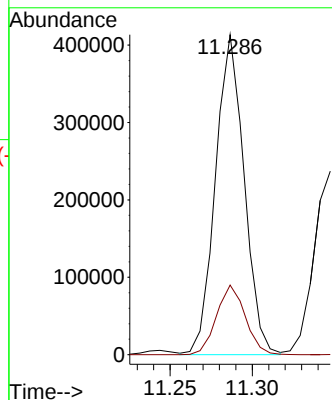
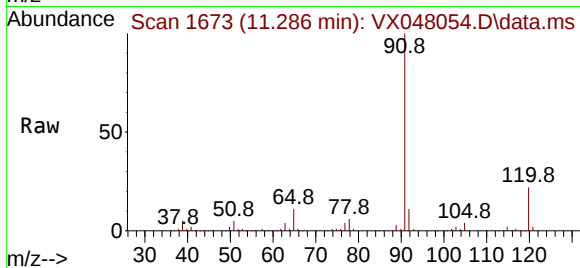




#74  
n-propylbenzene  
Concen: 49.132 ug/l  
RT: 11.286 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

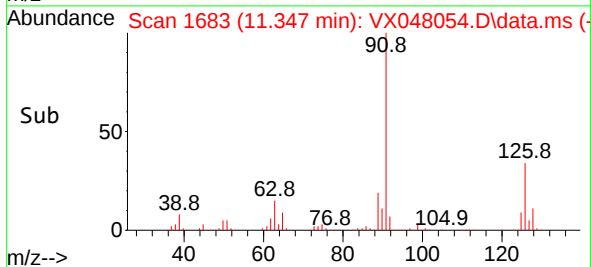
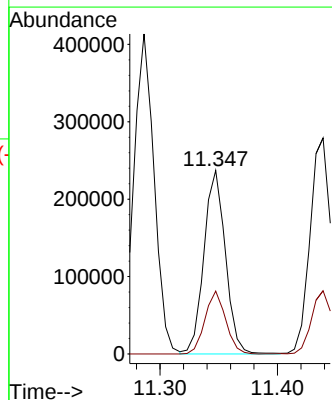
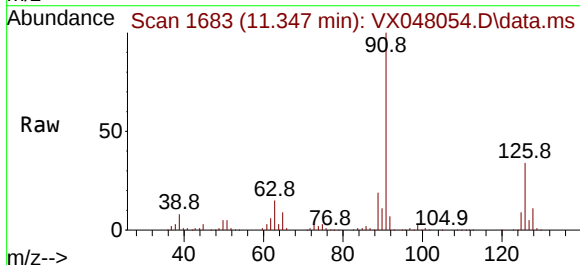
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

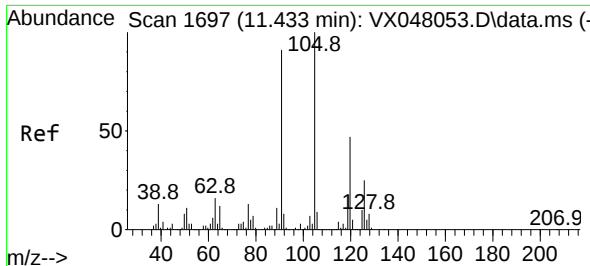
Tgt Ion: 91 Resp: 501827  
Ion Ratio Lower Upper  
91 100  
120 21.8 0.0 44.2



#75  
2-Chlorotoluene  
Concen: 48.849 ug/l  
RT: 11.347 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 91 Resp: 300828  
Ion Ratio Lower Upper  
91 100  
126 32.9 0.0 63.2

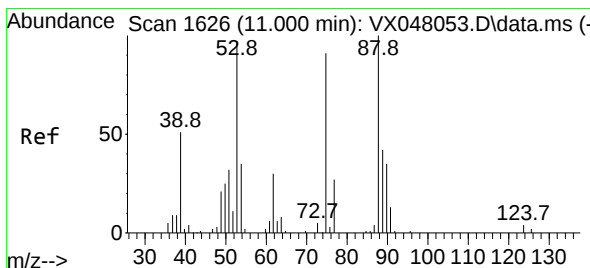
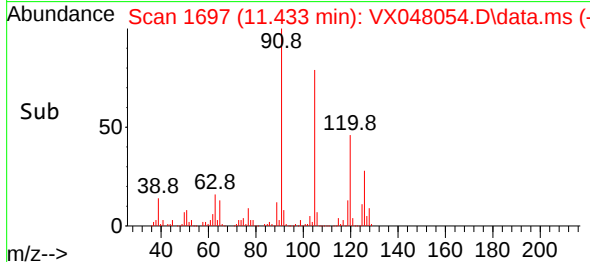
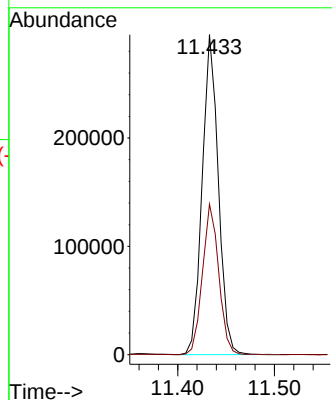
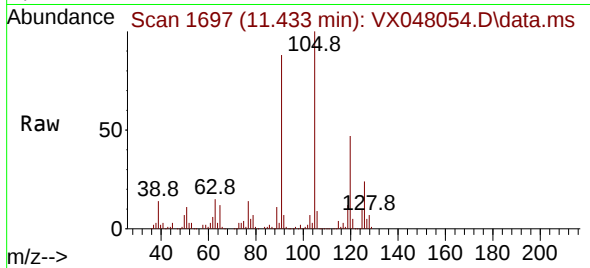




#76  
1,3,5-Trimethylbenzene  
Concen: 48.469 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

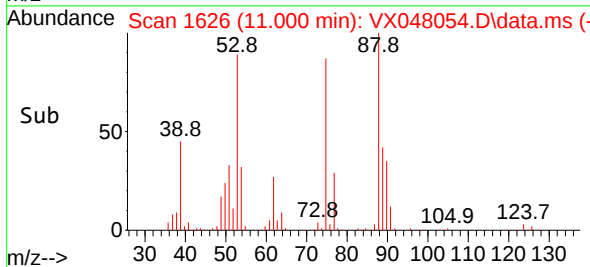
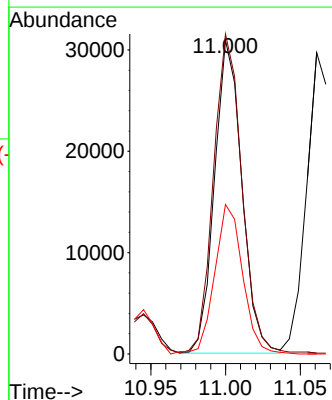
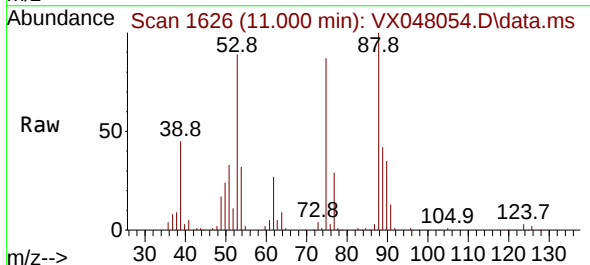
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MSVOA\_X  
ClientSampleId :  
VSTDIC050

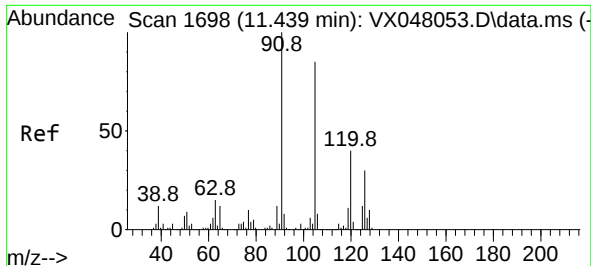
Tgt Ion:105 Resp: 343826  
Ion Ratio Lower Upper  
105 100  
120 47.5 0.0 95.4



#77  
t-1,4-Dichloro-2-butene  
Concen: 53.442 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 75 Resp: 39301  
Ion Ratio Lower Upper  
75 100  
53 102.2 53.7 161.1  
89 47.1 23.2 69.5

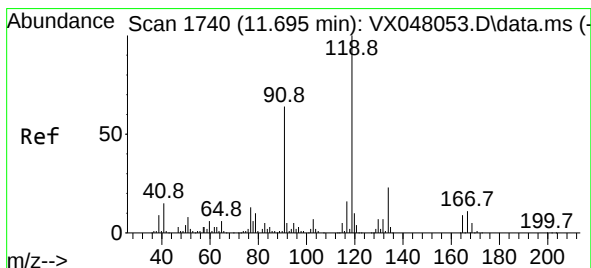
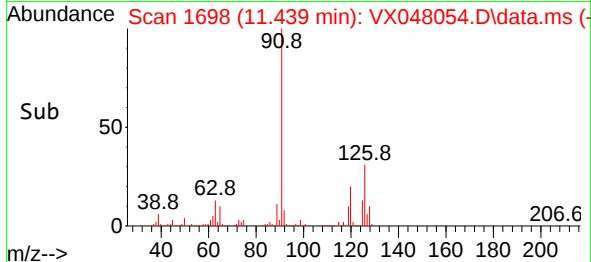
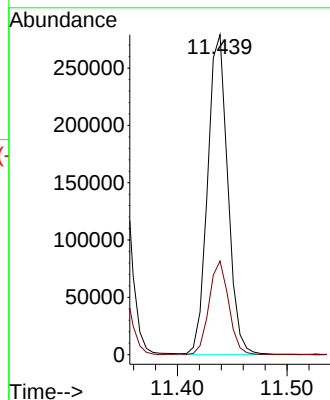
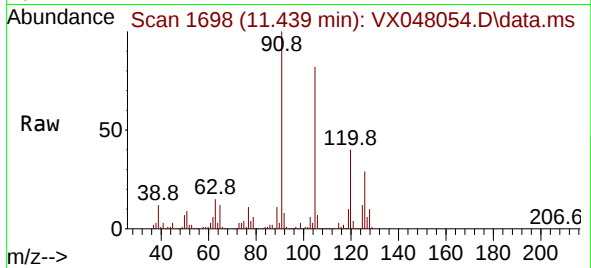




#78  
4-Chlorotoluene  
Concen: 49.979 ug/l  
RT: 11.439 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

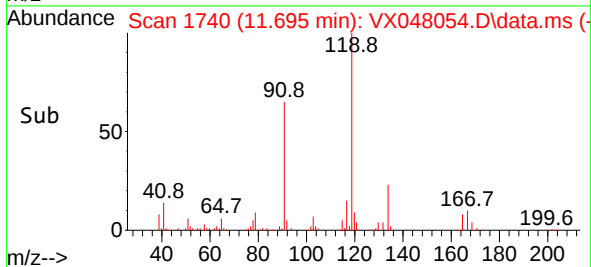
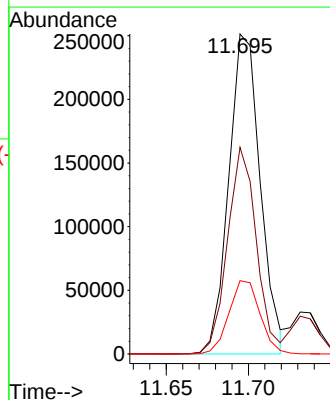
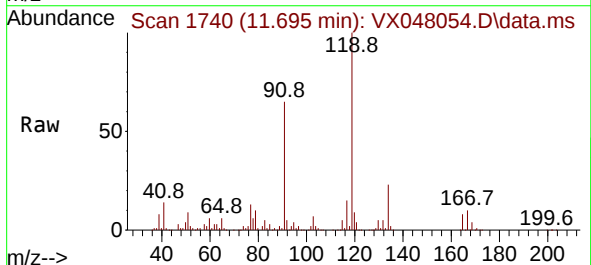
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

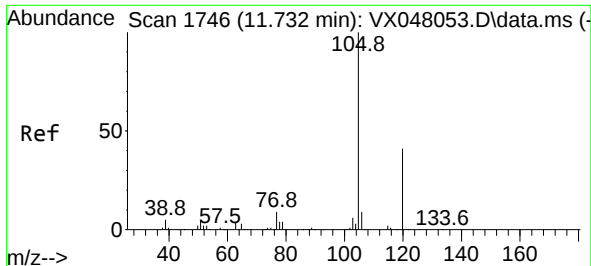
Tgt Ion: 91 Resp: 356365  
Ion Ratio Lower Upper  
91 100  
126 28.5 0.0 57.2



#79  
tert-butylbenzene  
Concen: 47.761 ug/l  
RT: 11.695 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion: 119 Resp: 334698  
Ion Ratio Lower Upper  
119 100  
91 59.3 0.0 119.0  
134 22.7 0.0 46.4

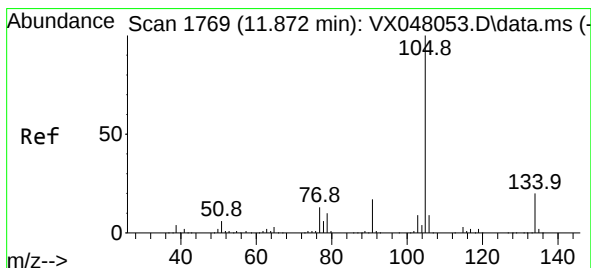
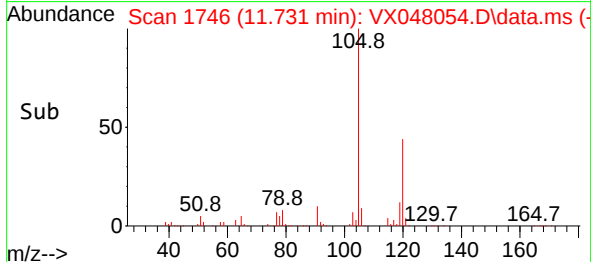
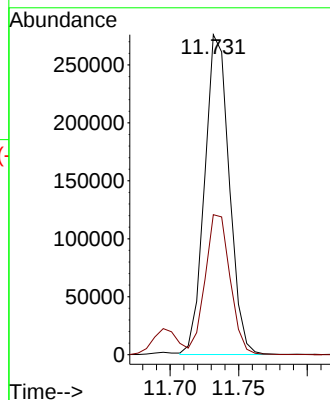
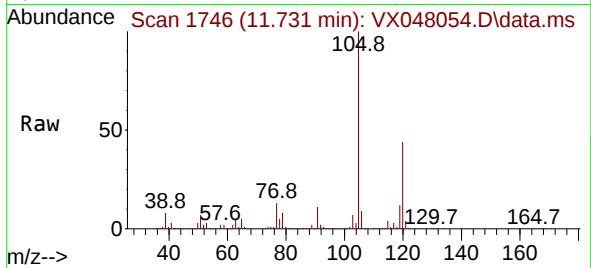




#80  
1,2,4-Trimethylbenzene  
Concen: 49.080 ug/l  
RT: 11.731 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

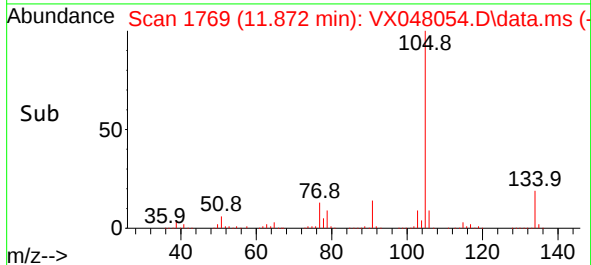
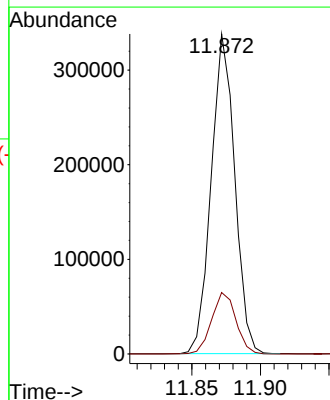
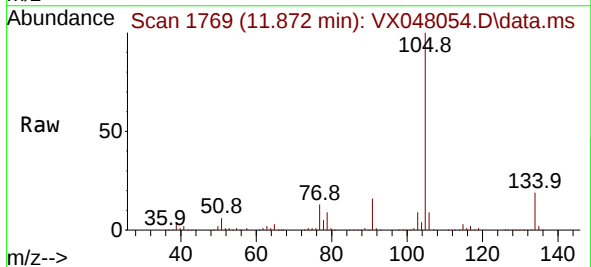
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

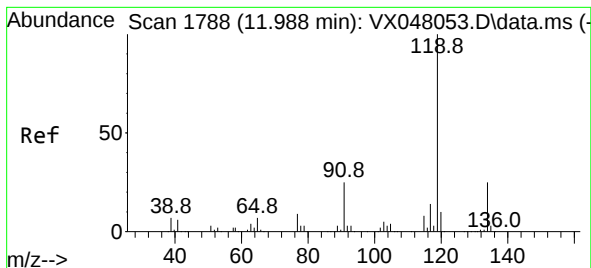
Tgt Ion:105 Resp: 345068  
Ion Ratio Lower Upper  
105 100  
120 44.3 0.0 88.6



#81  
sec-Butylbenzene  
Concen: 45.143 ug/l  
RT: 11.872 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion:105 Resp: 403360  
Ion Ratio Lower Upper  
105 100  
134 19.9 0.0 39.4





#82

p-Isopropyltoluene

Concen: 46.551 ug/l

RT: 11.994 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

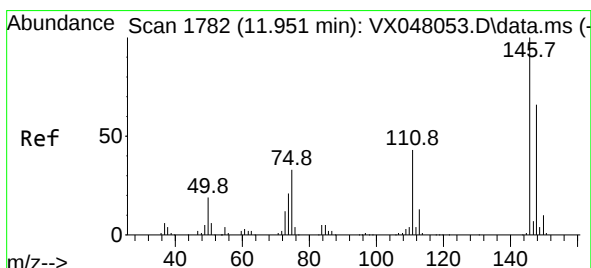
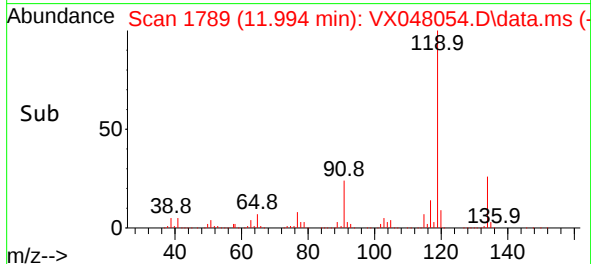
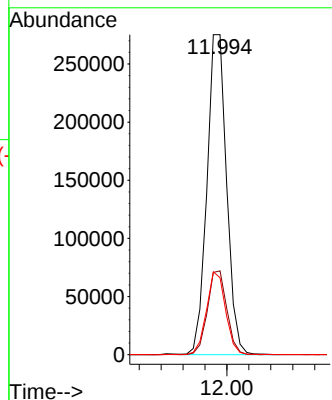
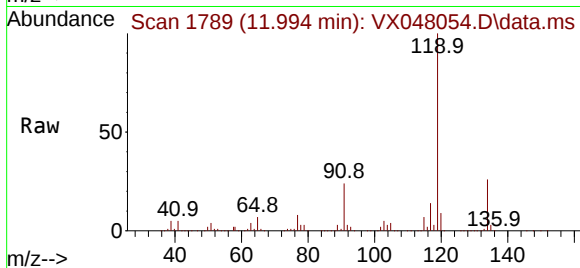
Tgt Ion:119 Resp: 341754

Ion Ratio Lower Upper

119 100

134 25.9 0.0 51.6

91 25.0 0.0 49.8



#83

1,3-Dichlorobenzene

Concen: 50.187 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

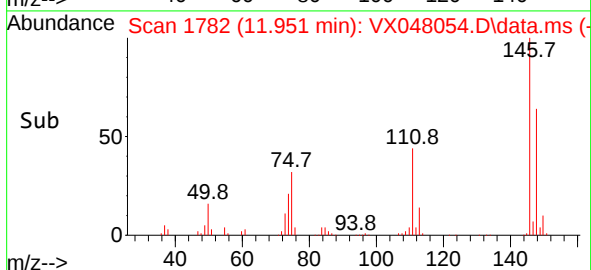
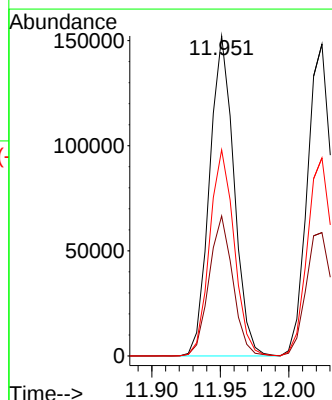
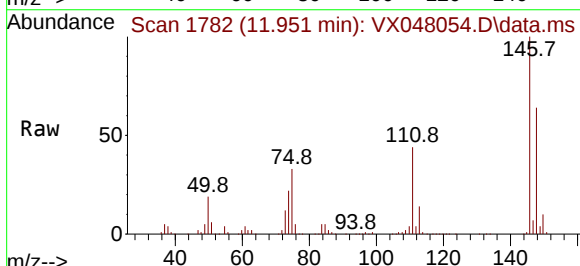
Tgt Ion:146 Resp: 188958

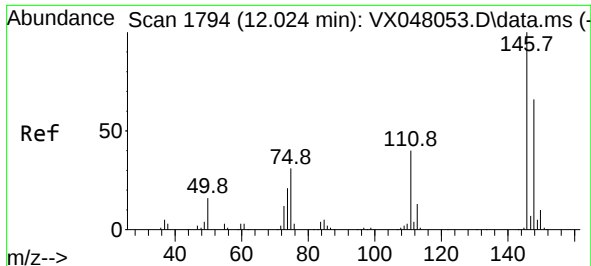
Ion Ratio Lower Upper

146 100

111 42.5 21.6 64.8

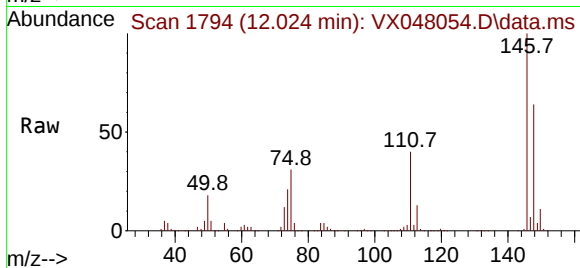
148 64.5 32.7 98.1



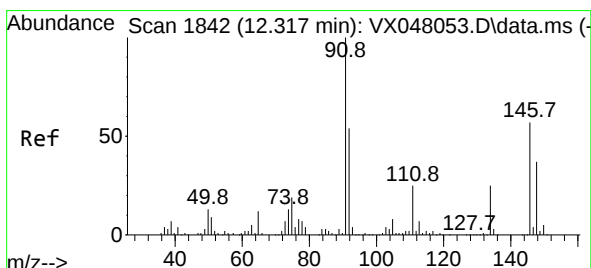
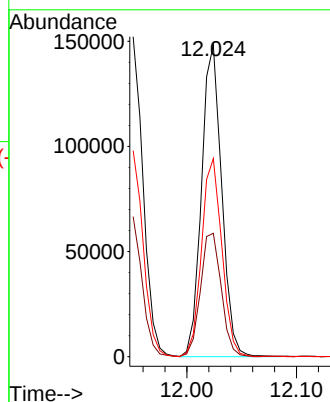
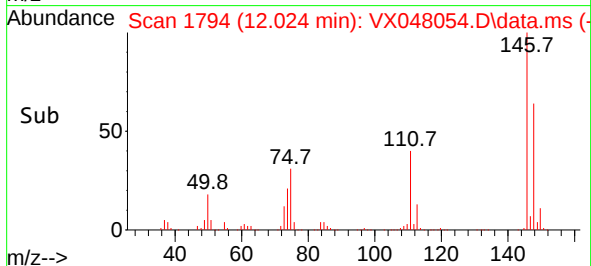


#84  
1,4-Dichlorobenzene  
Concen: 49.963 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

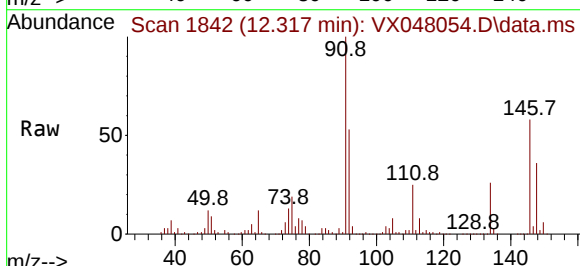
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



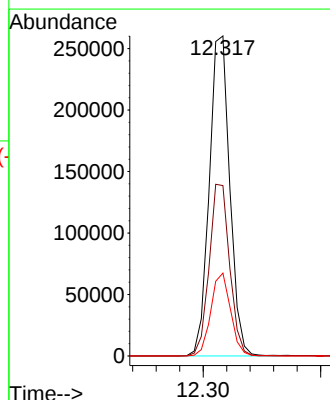
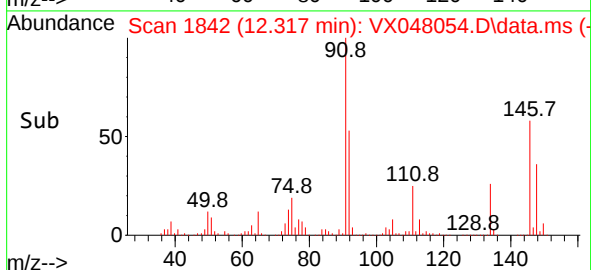
Tgt Ion:146 Resp: 189392  
Ion Ratio Lower Upper  
146 100  
111 40.6 20.6 61.8  
148 64.0 32.6 98.0

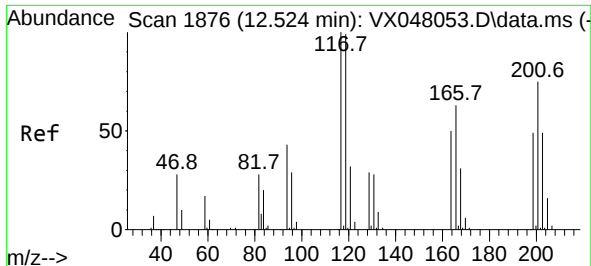


#85  
n-Butylbenzene  
Concen: 45.065 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43



Tgt Ion: 91 Resp: 315830  
Ion Ratio Lower Upper  
91 100  
92 53.5 0.0 106.8  
134 24.9 0.0 48.4

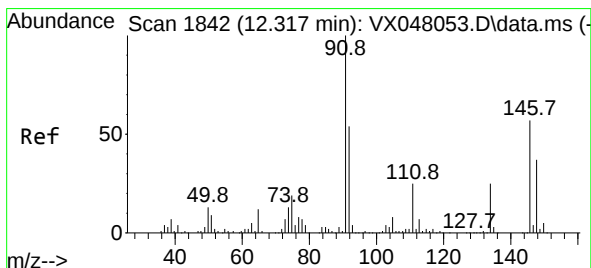
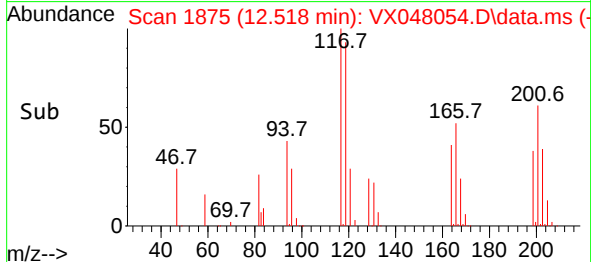
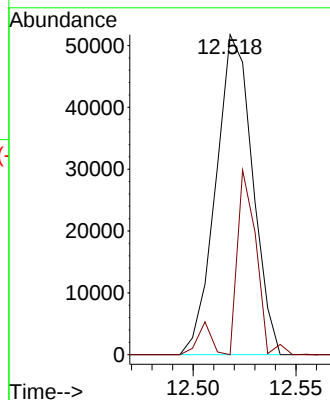
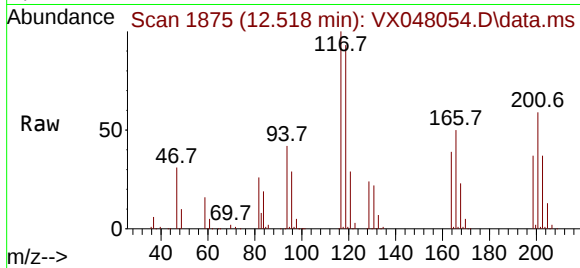




#86  
Hexachloroethane  
Concen: 53.410 ug/l  
RT: 12.518 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

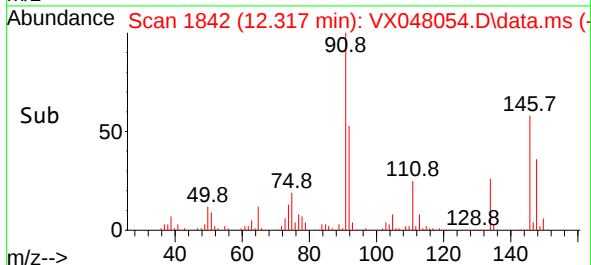
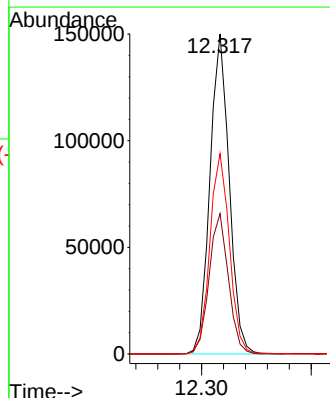
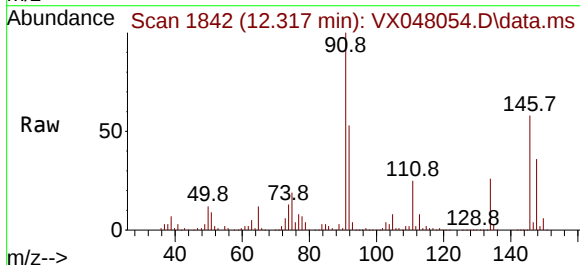
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

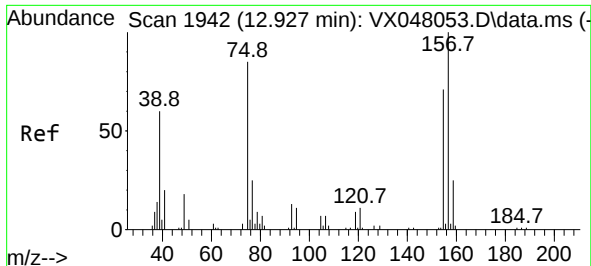
Tgt Ion:117 Resp: 64260  
Ion Ratio Lower Upper  
117 100  
201 28.4 14.6 44.0



#87  
1,2-Dichlorobenzene  
Concen: 50.449 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VX048054.D  
Acq: 07 Oct 2025 17:43

Tgt Ion:146 Resp: 182890  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.7 65.1  
148 63.5 31.9 95.9

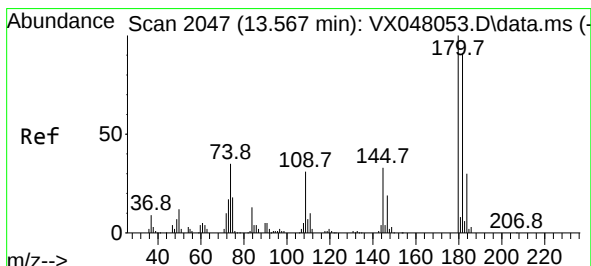
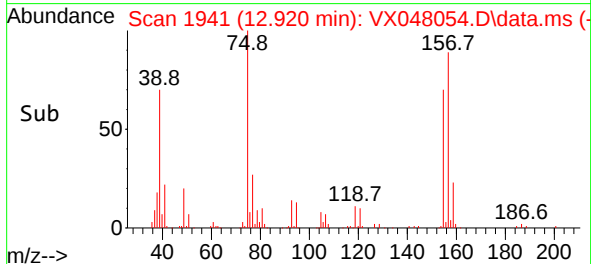
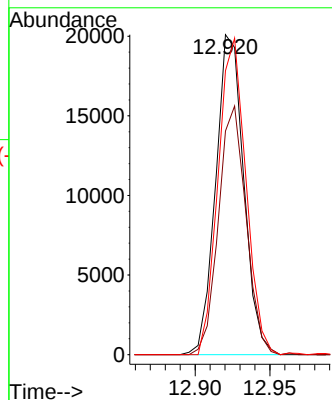
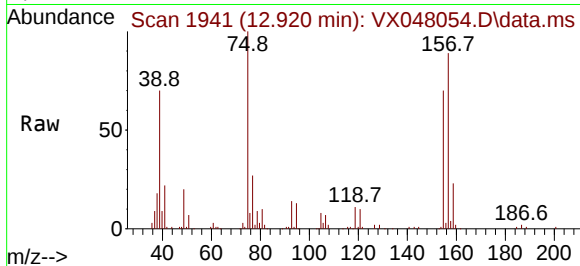




#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.434 ug/l  
 RT: 12.920 min Scan# 1941  
 Delta R.T. -0.006 min  
 Lab File: VX048054.D  
 Acq: 07 Oct 2025 17:43

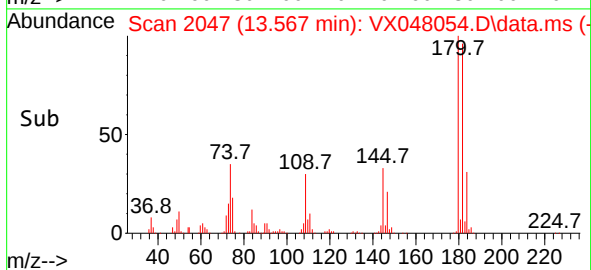
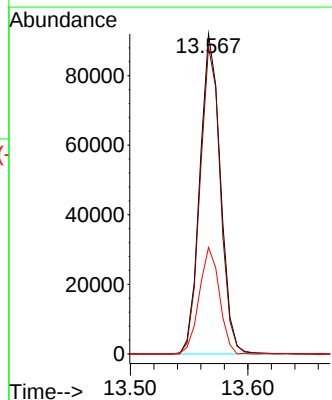
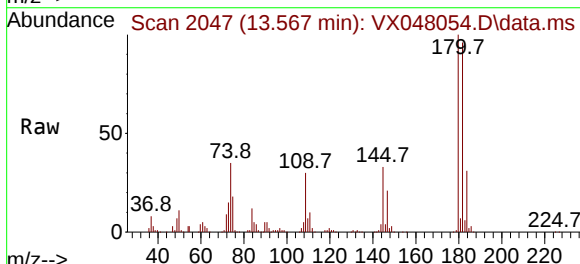
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

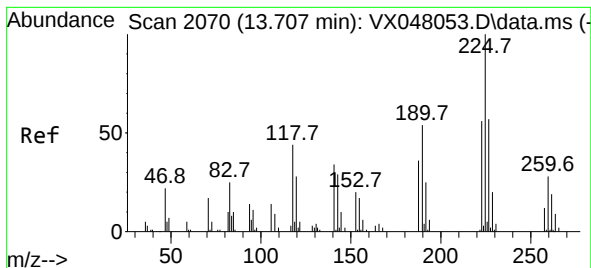
Tgt Ion: 75 Resp: 26201  
 Ion Ratio Lower Upper  
 75 100  
 155 76.2 62.8 94.2  
 157 97.8 81.1 121.7



#89  
 1,2,4-Trichlorobenzene  
 Concen: 47.599 ug/l  
 RT: 13.567 min Scan# 2047  
 Delta R.T. -0.000 min  
 Lab File: VX048054.D  
 Acq: 07 Oct 2025 17:43

Tgt Ion:180 Resp: 111625  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 73.4 110.0  
 145 32.6 26.2 39.4





#90

Hexachlorobutadiene

Concen: 28.526 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

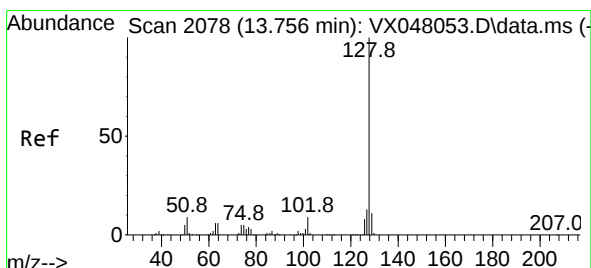
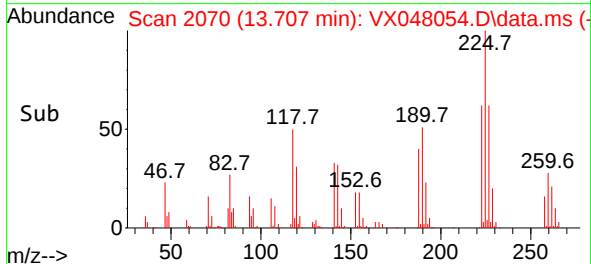
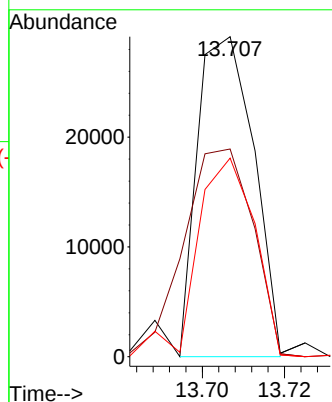
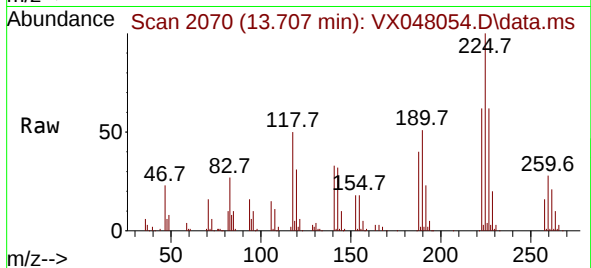
Tgt Ion:225 Resp: 27724

Ion Ratio Lower Upper

225 100

223 80.3 0.0 130.0

227 60.2 0.0 63.0



#91

Naphthalene

Concen: 47.995 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

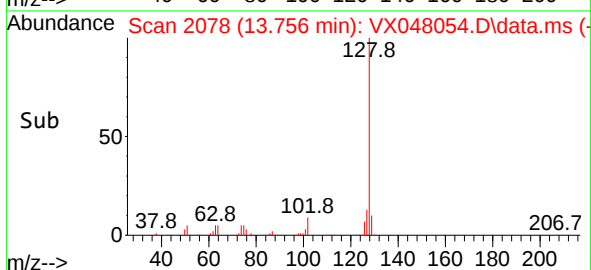
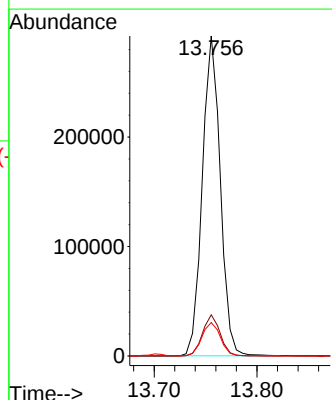
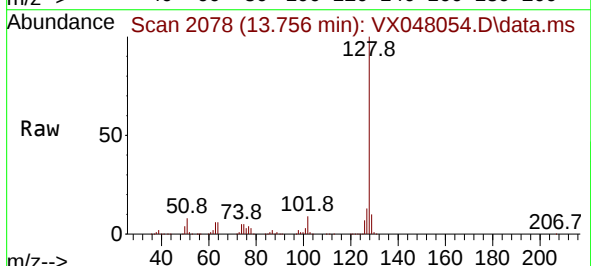
Tgt Ion:128 Resp: 355217

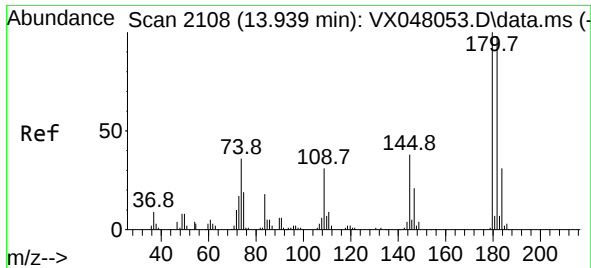
Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

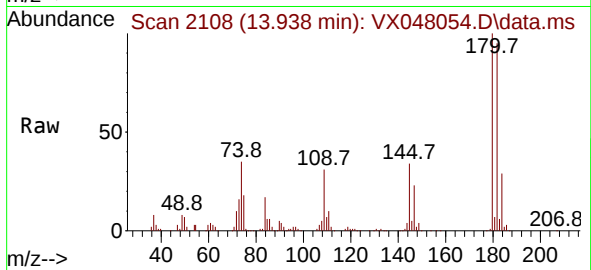
129 10.8 8.6 13.0





#92  
 1,2,3-Trichlorobenzene  
 Concen: 47.596 ug/l  
 RT: 13.938 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VX048054.D  
 Acq: 07 Oct 2025 17:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050



Tgt Ion:180 Resp: 108648  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 0.0 190.0  
 145 34.8 0.0 72.2

