

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021125\  
 Data File : VX044899.D  
 Acq On : 11 Feb 2025 12:34  
 Operator : JC/MD  
 Sample : VX0211MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Feb 12 02:40:14 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 118564   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 218918   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.049 | 117   | 190923   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 88586    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 95014    | 54.745   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =     | 109.500% |
| 35) Dibromofluoromethane     | 5.379  | 113   | 75843    | 53.286   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 106.580% |
| 50) Toluene-d8               | 8.647  | 98    | 287687   | 53.452   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =     | 106.900% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 101954   | 56.190   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =     | 112.380% |
| Target Compounds             |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 31039    | 18.665   | ug/l  | 98       |
| 3) Chloromethane             | 1.294  | 50    | 38177    | 18.863   | ug/l  | 99       |
| 4) Vinyl Chloride            | 1.374  | 62    | 34785    | 17.741   | ug/l  | 99       |
| 5) Bromomethane              | 1.593  | 94    | 11053    | 18.838   | ug/l  | 99       |
| 6) Chloroethane              | 1.666  | 64    | 18719    | 22.665   | ug/l  | 98       |
| 7) Trichlorofluoromethane    | 1.873  | 101   | 45154    | 18.210   | ug/l  | 96       |
| 8) Diethyl Ether             | 2.130  | 74    | 17311    | 19.251   | ug/l  | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 27991    | 18.684   | ug/l  | 98       |
| 10) Methyl Iodide            | 2.447  | 142   | 36693    | 18.898   | ug/l  | 99       |
| 11) Tert butyl alcohol       | 2.971  | 59    | 31233    | 97.004   | ug/l  | 98       |
| 12) 1,1-Dichloroethene       | 2.312  | 96    | 27529    | 18.014   | ug/l  | 96       |
| 13) Acrolein                 | 2.233  | 56    | 36940    | 111.199  | ug/l  | 98       |
| 14) Allyl chloride           | 2.660  | 41    | 50348    | 18.230   | ug/l  | 99       |
| 15) Acrylonitrile            | 3.062  | 53    | 82470    | 95.932   | ug/l  | 97       |
| 16) Acetone                  | 2.380  | 43    | 66578    | 95.423   | ug/l  | 99       |
| 17) Carbon Disulfide         | 2.501  | 76    | 73020    | 17.425   | ug/l  | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 41869    | 19.017   | ug/l  | 100      |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 91072    | 18.730   | ug/l  | 98       |
| 20) Methylene Chloride       | 2.782  | 84    | 31488    | 18.425   | ug/l  | 99       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 27491    | 18.278   | ug/l  | 97       |
| 22) Diisopropyl ether        | 3.757  | 45    | 98710    | 18.892   | ug/l  | 94       |
| 23) Vinyl Acetate            | 3.715  | 43    | 401301   | 94.207   | ug/l  | 99       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 54401    | 18.607   | ug/l  | 97       |
| 25) 2-Butanone               | 4.550  | 43    | 110571   | 97.595   | ug/l  | 98       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 42242    | 18.219   | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 34426    | 19.055   | ug/l  | 99       |
| 28) Bromochloromethane       | 4.891  | 49    | 28099    | 19.999   | ug/l  | 99       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 72706    | 96.644   | ug/l  | 99       |
| 30) Chloroform               | 5.086  | 83    | 52881    | 18.651   | ug/l  | 99       |
| 31) Cyclohexane              | 5.464  | 56    | 49465    | 18.352   | ug/l  | 97       |
| 32) 1,1,1-Trichloroethane    | 5.373  | 97    | 45638    | 18.977   | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 37149    | 18.091   | ug/l  | 99       |
| 37) Ethyl Acetate            | 4.708  | 43    | 42568    | 18.637   | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 36152    | 17.966   | ug/l  | 97       |
| 39) Methylcyclohexane        | 7.373  | 83    | 50562    | 19.045   | ug/l  | 99       |
| 40) Benzene                  | 6.031  | 78    | 120873   | 18.851   | ug/l  | 99       |

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 Operator : JC/MD  
 Sample : VX0211MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Feb 12 02:40:14 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 23639    | 19.335  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 39231    | 19.197  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 68333    | 18.526  | ug/l   | 100      |
| 44) Trichloroethene           | 7.123  | 130  | 26588    | 18.141  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 29868    | 18.723  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 20626    | 18.644  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.818  | 83   | 39911    | 18.631  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 33105    | 19.035  | ug/l   | 100      |
| 49) 1,4-Dioxane               | 7.659  | 88   | 14947    | 400.586 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 226765   | 101.129 | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 73528    | 19.254  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 38793    | 17.896  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 45193    | 18.698  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 27993    | 19.069  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 44281    | 18.676  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 50115    | 19.511  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 110153   | 94.619  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 164949   | 102.096 | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.518  | 129  | 29155    | 18.570  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 28336    | 19.044  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.269  | 164  | 22009    | 18.279  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.073 | 112  | 78082    | 19.041  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 24656    | 18.680  | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.189 | 91   | 136140   | 18.813  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 102762   | 38.496  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 50957    | 19.024  | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 84014    | 19.468  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 18323    | 18.601  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.957 | 105  | 131537   | 18.441  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 60206    | 18.653  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 44365    | 18.100  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 45108    | 22.966  | ug/l   | 85       |
| 77) Bromobenzene              | 11.195 | 156  | 30189    | 18.668  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.299 | 91   | 149214   | 18.124  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 92919    | 18.364  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 109418   | 18.903  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 12398    | 16.238  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 104500   | 18.667  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 109613   | 18.719  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 108826   | 19.049  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 137135   | 18.912  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 113044   | 19.386  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 54179    | 18.219  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 54607    | 18.161  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 96595    | 18.724  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 18645    | 17.077  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 55906    | 19.128  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 7838     | 17.521  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 30318    | 17.143  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 12593    | 17.937  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 115974   | 18.141  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 30688    | 17.220  | ug/l   | 99       |

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Sample : VX0211MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Feb 12 02:40:14 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration

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

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

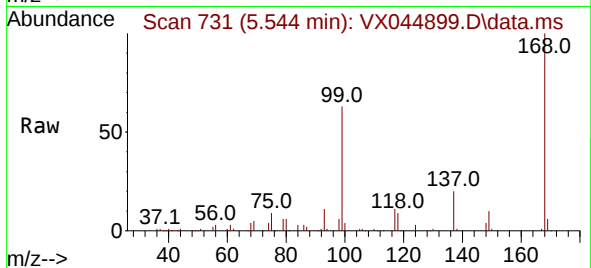
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration



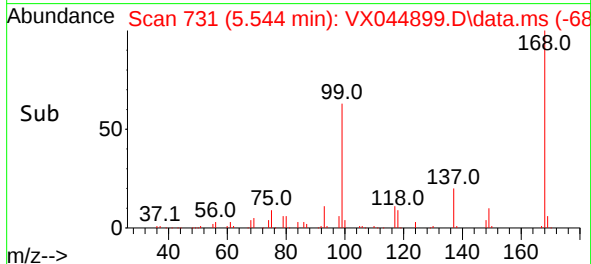
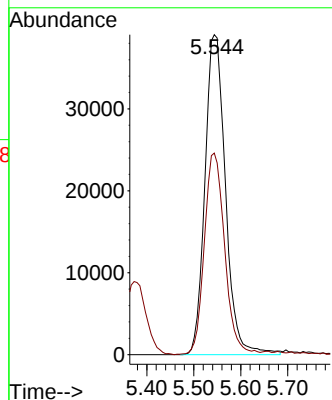


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Instrument :  
MSVOA\_X  
ClientSampleId :

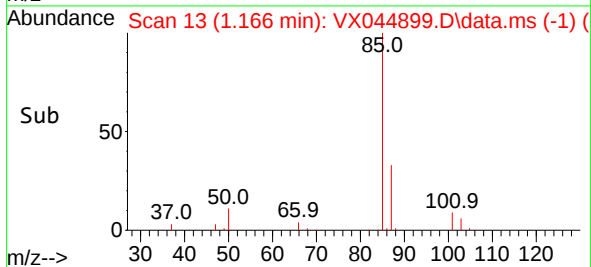
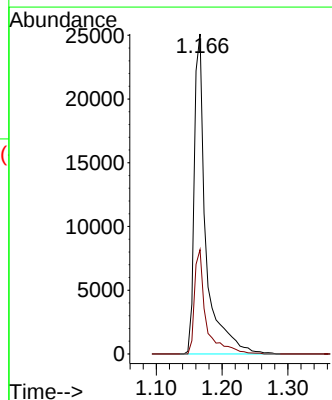
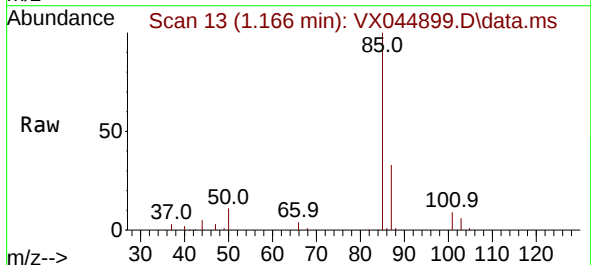


Tgt Ion:168 Resp: 118564  
Ion Ratio Lower Upper  
168 100  
99 62.9 51.2 76.8



#2  
Dichlorodifluoromethane  
Concen: 18.665 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 85 Resp: 31039  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.8 47.3

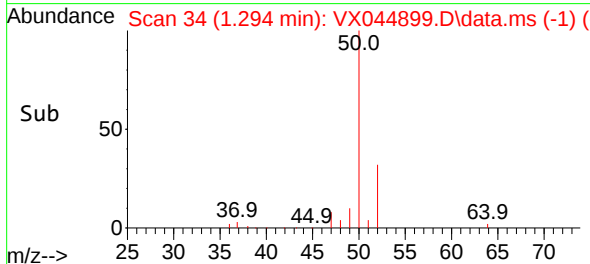
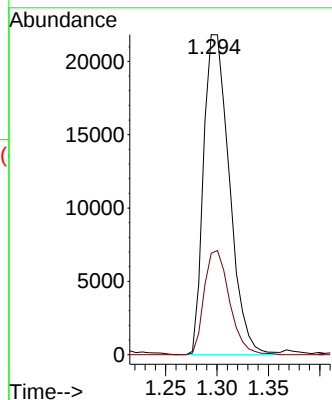
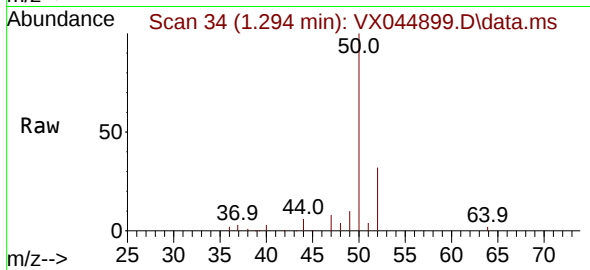




#3  
Chloromethane  
Concen: 18.863 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

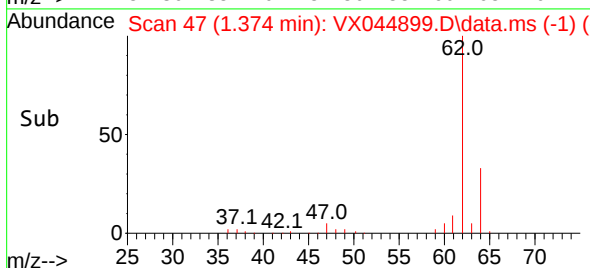
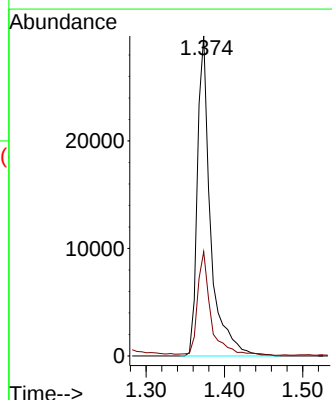
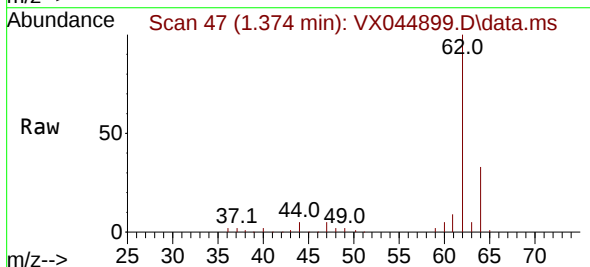
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 50 Resp: 38177  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.9 38.9



#4  
Vinyl Chloride  
Concen: 17.741 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 62 Resp: 34785  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.4 38.0

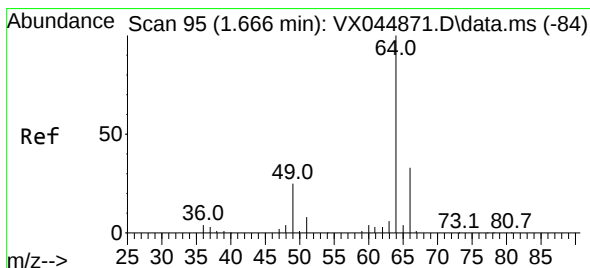
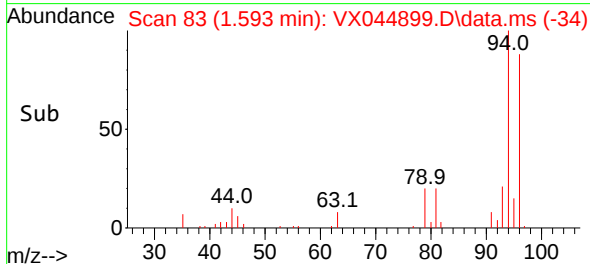
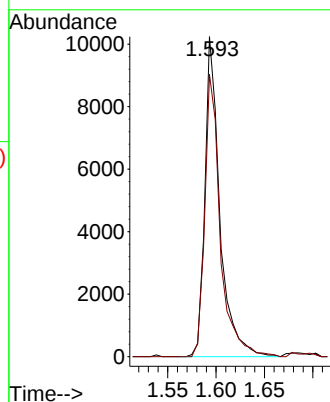
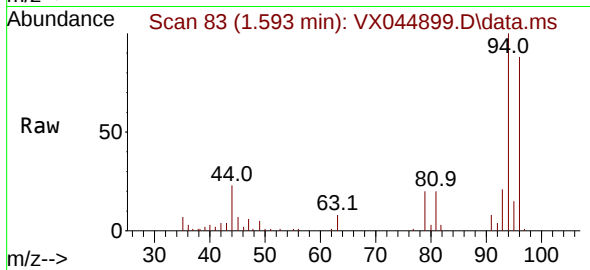




#5  
 Bromomethane  
 Concen: 18.838 ug/l  
 RT: 1.593 min Scan# 83  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

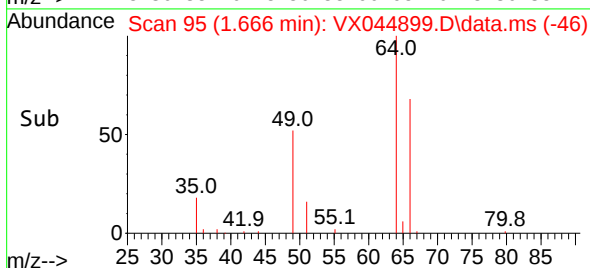
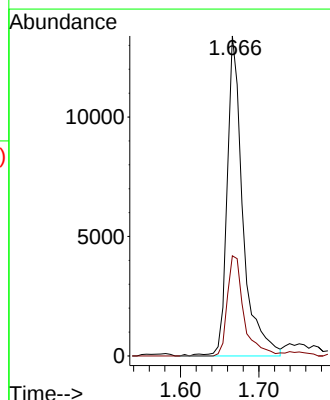
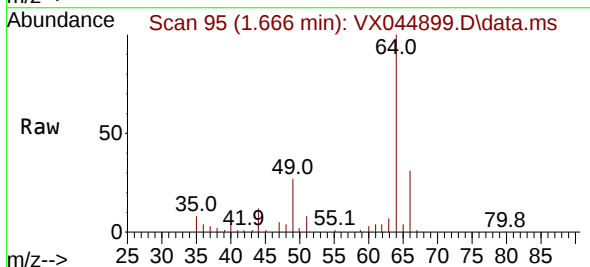
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 94 Resp: 11053  
 Ion Ratio Lower Upper  
 94 100  
 96 88.2 71.6 107.4



#6  
 Chloroethane  
 Concen: 22.665 ug/l  
 RT: 1.666 min Scan# 95  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

Tgt Ion: 64 Resp: 18719  
 Ion Ratio Lower Upper  
 64 100  
 66 31.3 25.9 38.9

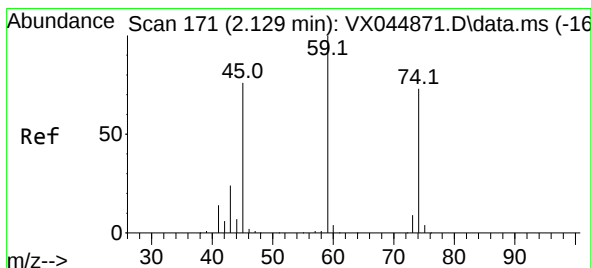
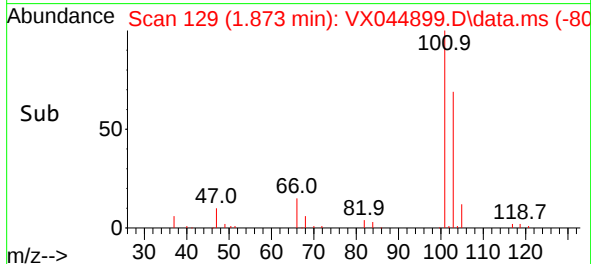
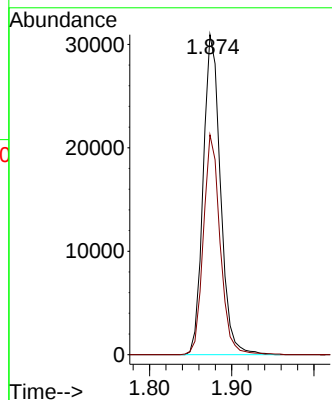
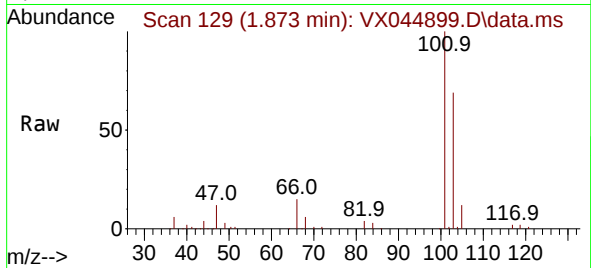




#7  
 Trichlorofluoromethane  
 Concen: 18.210 ug/l  
 RT: 1.873 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

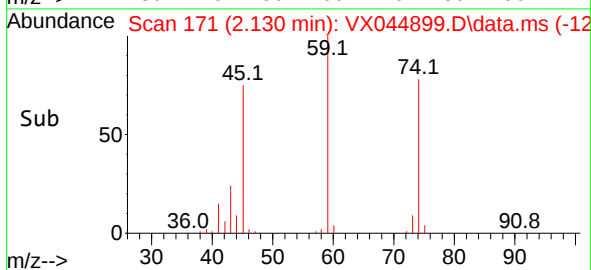
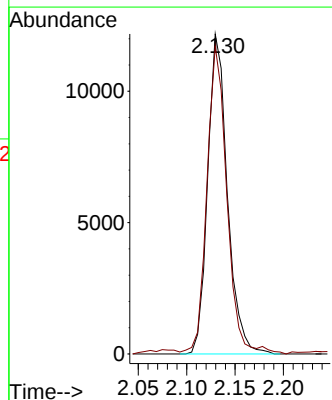
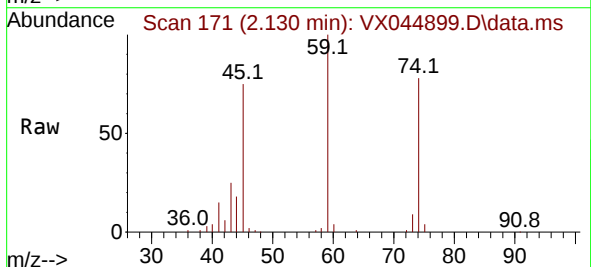
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:101 Resp: 45154  
 Ion Ratio Lower Upper  
 101 100  
 103 68.7 52.4 78.6



#8  
 Diethyl Ether  
 Concen: 19.251 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. 0.001 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

Tgt Ion: 74 Resp: 17311  
 Ion Ratio Lower Upper  
 74 100  
 45 97.4 51.1 153.4

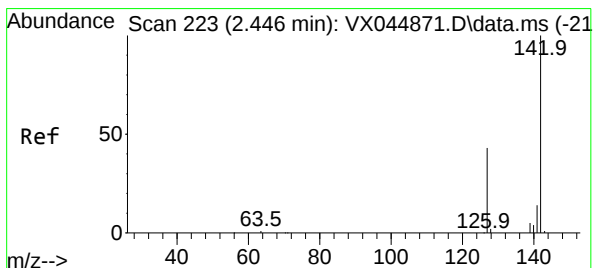
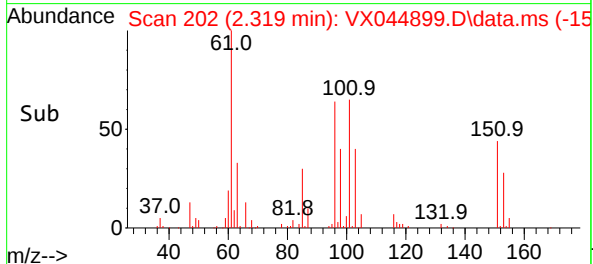
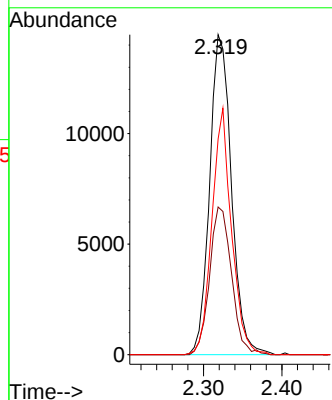
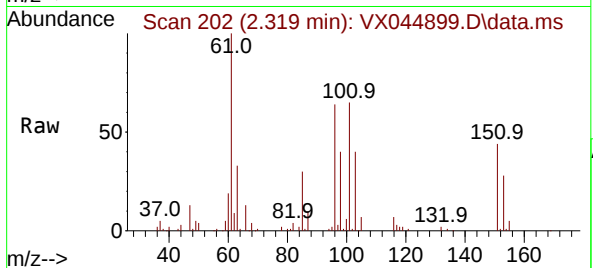




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.684 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

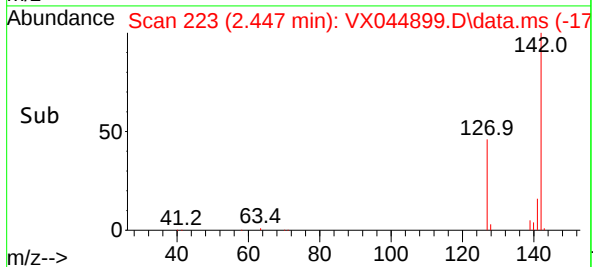
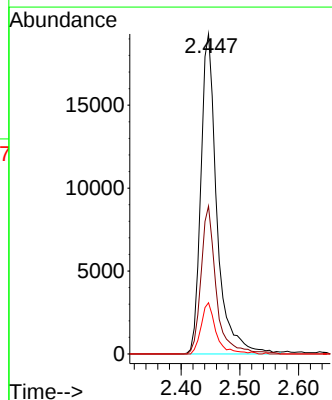
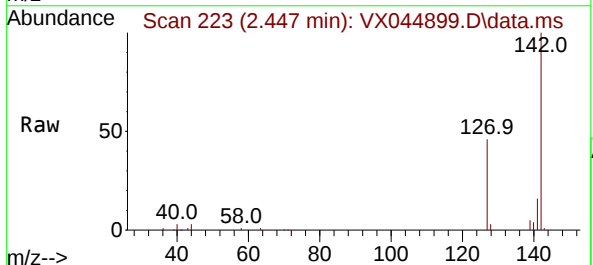
Instrument :  
MSVOA\_X  
ClientSampleId :

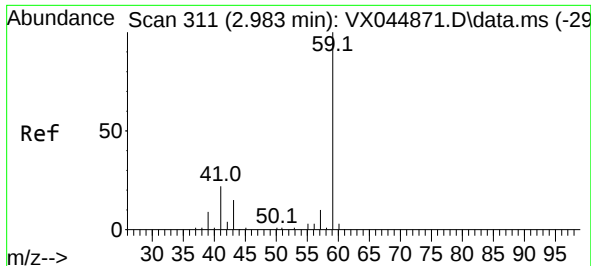
Tgt Ion:101 Resp: 27991  
Ion Ratio Lower Upper  
101 100  
85 46.4 35.7 53.5  
151 69.4 56.0 84.0



#10  
Methyl Iodide  
Concen: 18.898 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion:142 Resp: 36693  
Ion Ratio Lower Upper  
142 100  
127 43.7 34.3 51.5  
141 15.0 11.4 17.2

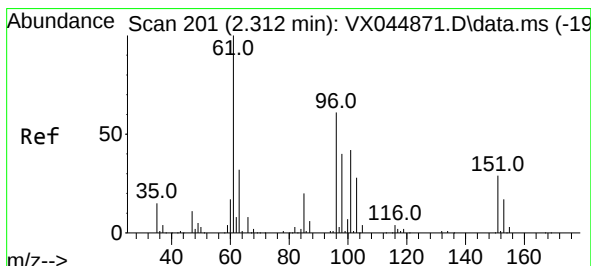
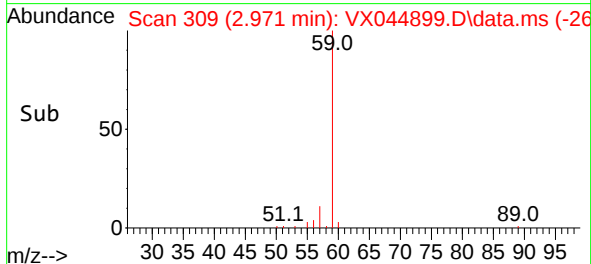
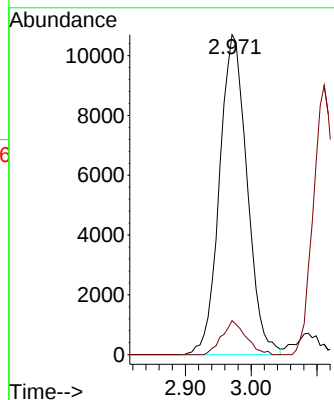
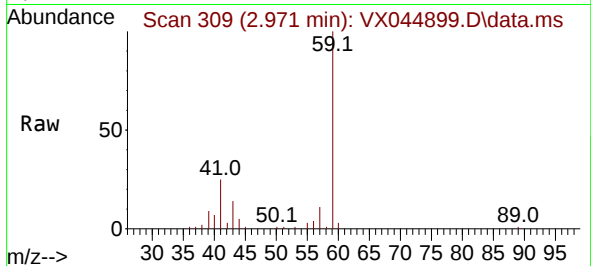




#11  
Tert butyl alcohol  
Concen: 97.004 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. -0.012 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

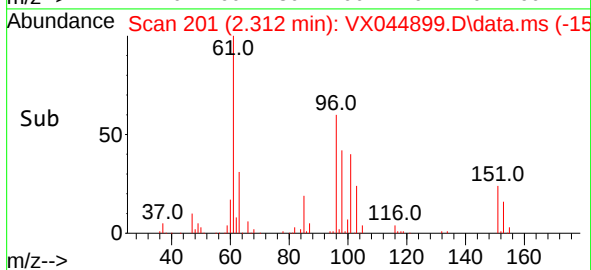
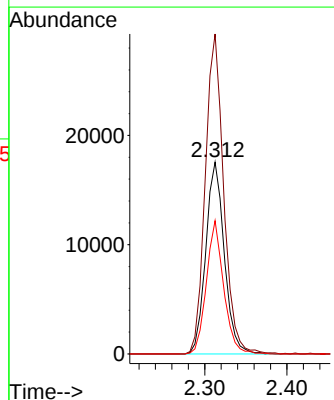
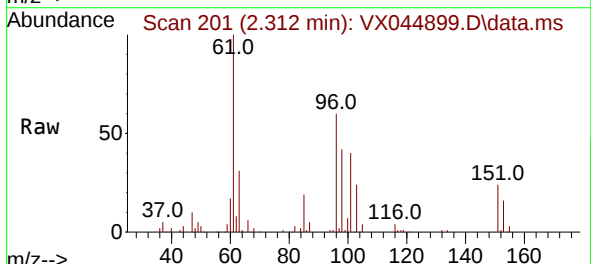
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 59 Resp: 31233  
Ion Ratio Lower Upper  
59 100  
57 9.2 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 18.014 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

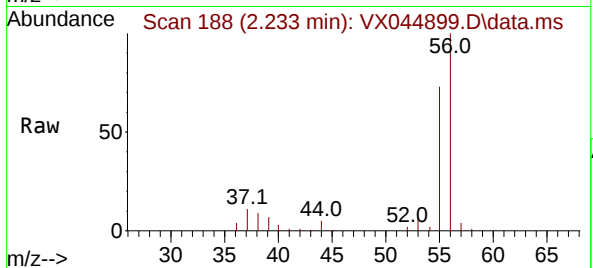
Tgt Ion: 96 Resp: 27529  
Ion Ratio Lower Upper  
96 100  
61 166.9 130.2 195.4  
98 69.5 52.2 78.4



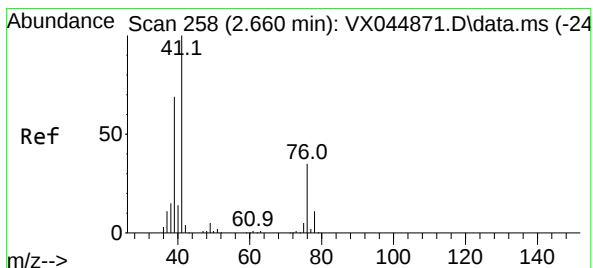
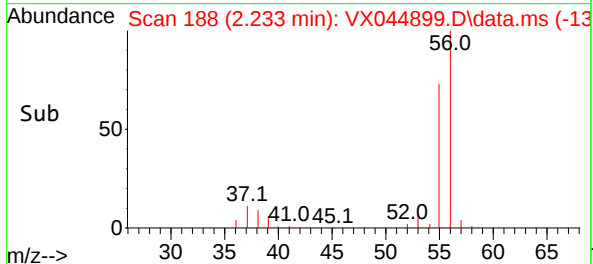
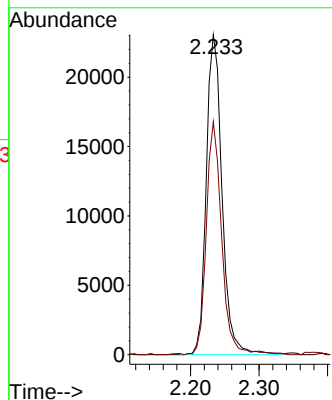


#13  
Acrolein  
Concen: 111.199 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Instrument :  
MSVOA\_X  
ClientSampleId :

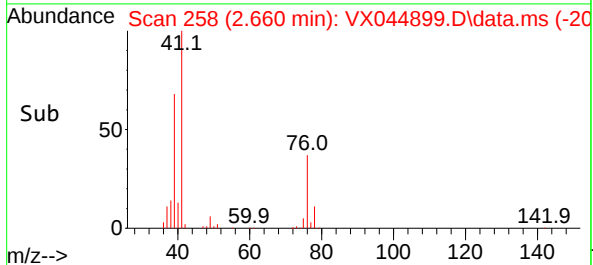
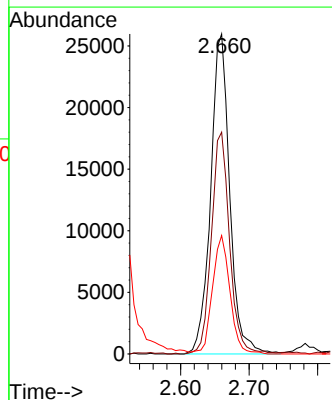
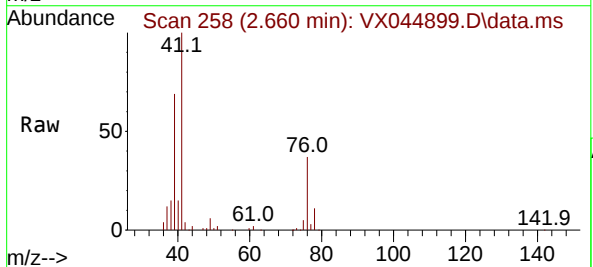


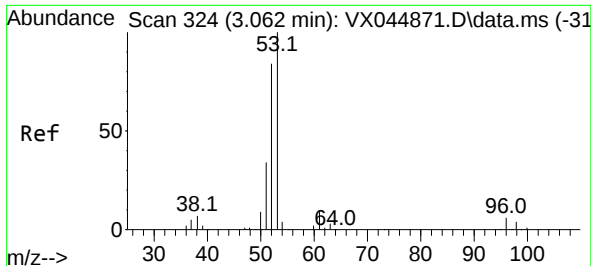
Tgt Ion: 56 Resp: 36940  
Ion Ratio Lower Upper  
56 100  
55 71.1 55.7 83.5



#14  
Allyl chloride  
Concen: 18.230 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

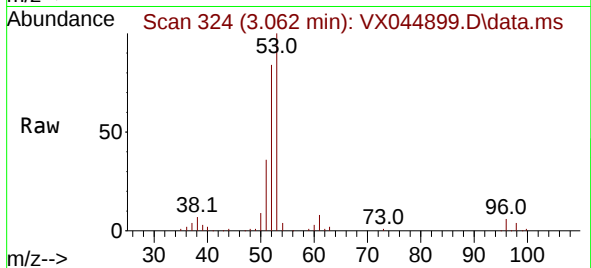
Tgt Ion: 41 Resp: 50348  
Ion Ratio Lower Upper  
41 100  
39 65.9 51.4 77.2  
76 33.9 27.0 40.4



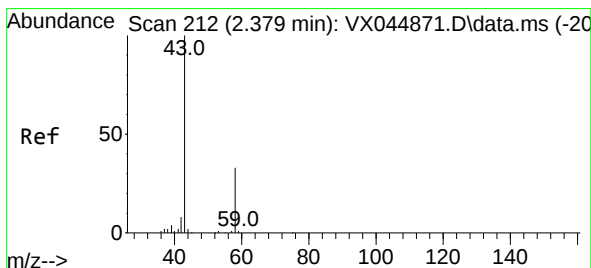
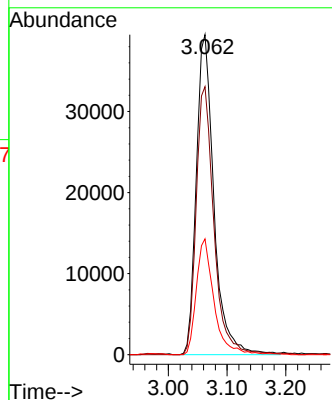
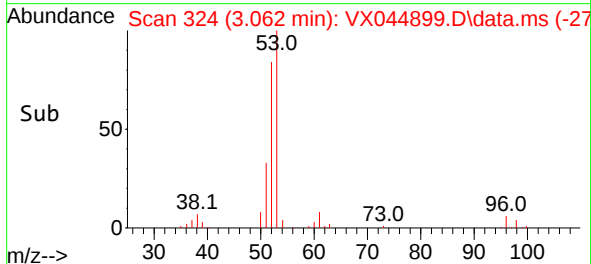


#15  
Acrylonitrile  
Concen: 95.932 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Instrument :  
MSVOA\_X  
ClientSampleId :

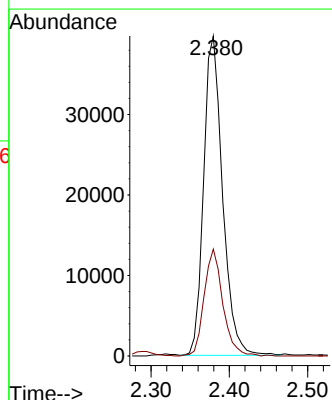
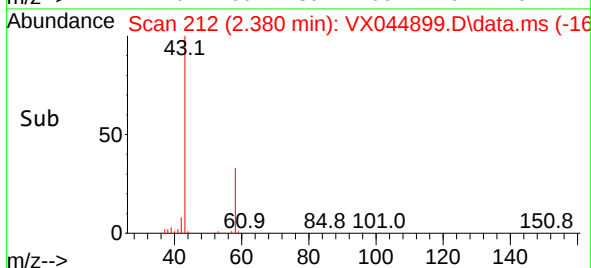
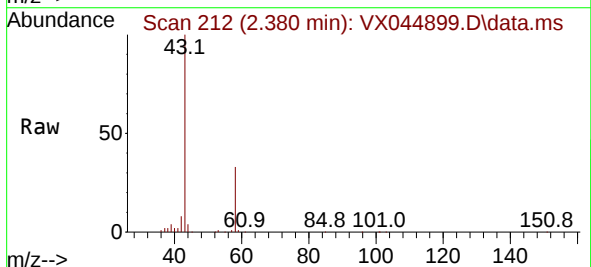


Tgt Ion: 53 Resp: 82470  
Ion Ratio Lower Upper  
53 100  
52 83.9 65.0 97.6  
51 36.4 28.0 42.0



#16  
Acetone  
Concen: 95.423 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 43 Resp: 66578  
Ion Ratio Lower Upper  
43 100  
58 33.5 26.5 39.7

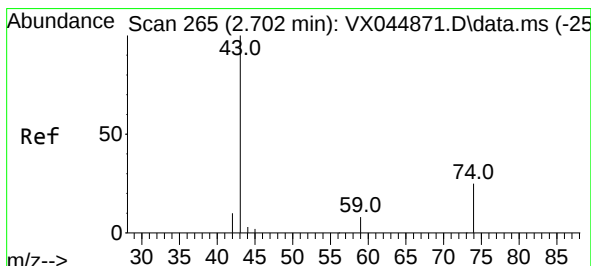
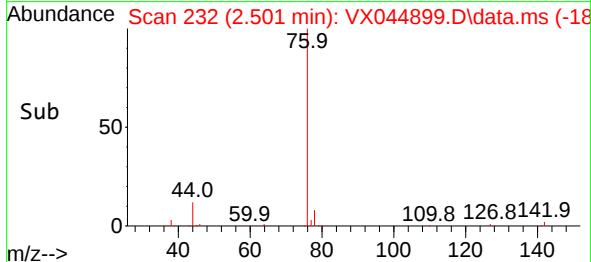
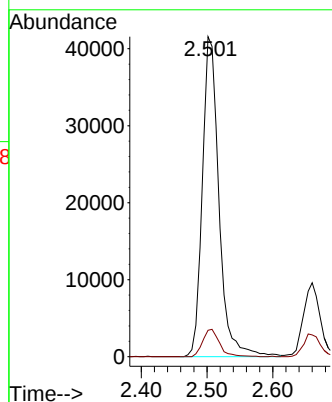
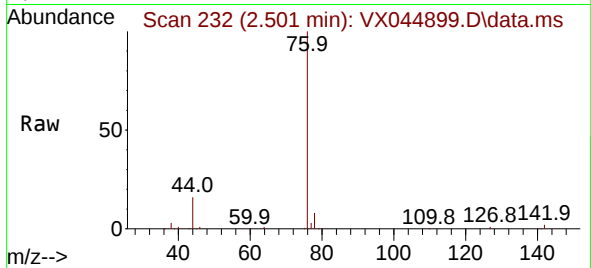




#17  
Carbon Disulfide  
Concen: 17.425 ug/l  
RT: 2.501 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

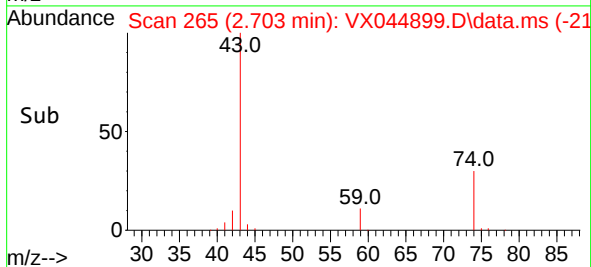
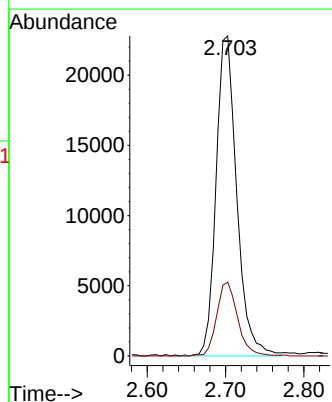
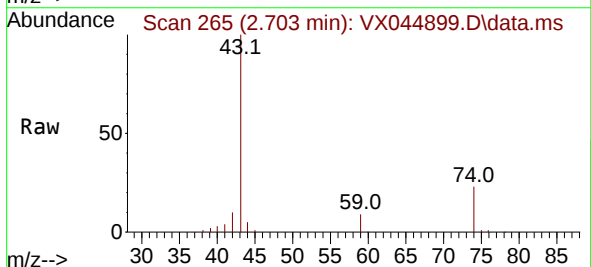
Instrument :  
MSVOA\_X  
ClientSampleId :

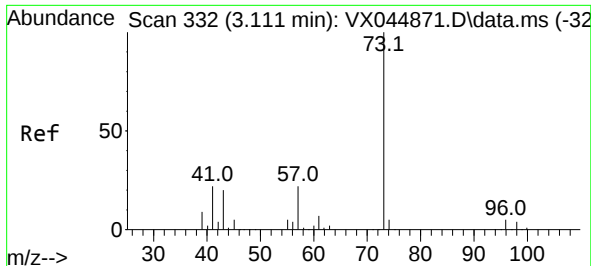
Tgt Ion: 76 Resp: 73020  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.0 10.4



#18  
Methyl Acetate  
Concen: 19.017 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 43 Resp: 41869  
Ion Ratio Lower Upper  
43 100  
74 23.4 18.9 28.3

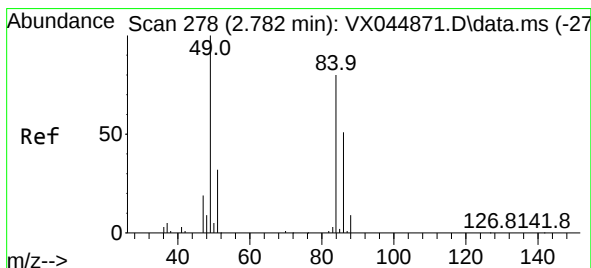
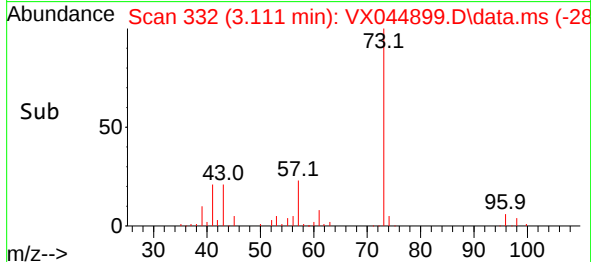
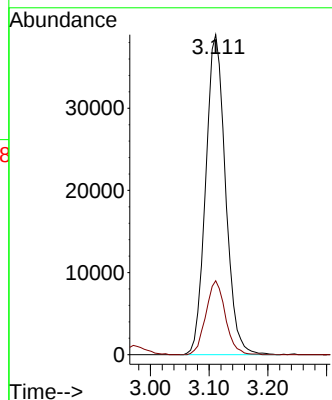
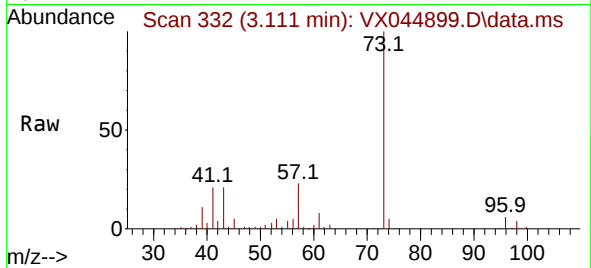




#19  
Methyl tert-butyl Ether  
Concen: 18.730 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

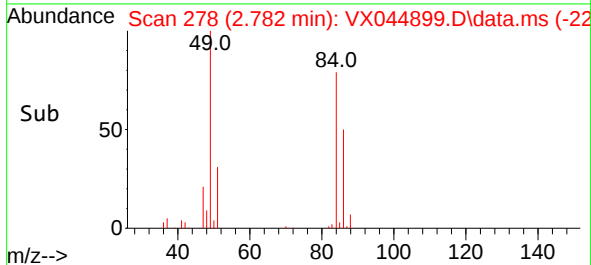
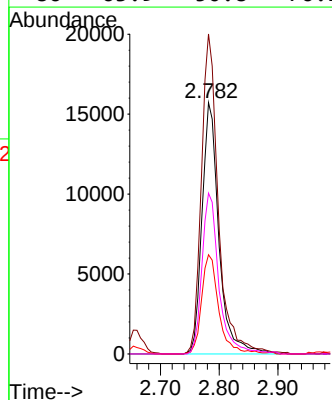
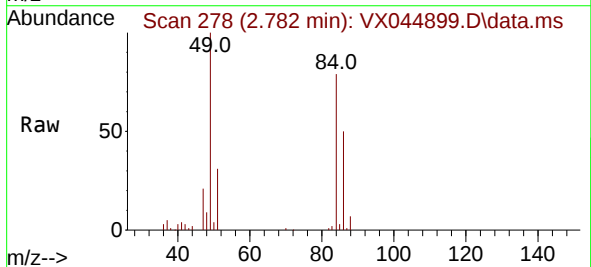
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 73 Resp: 91072  
Ion Ratio Lower Upper  
73 100  
57 23.1 17.9 26.9



#20  
Methylene Chloride  
Concen: 18.425 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

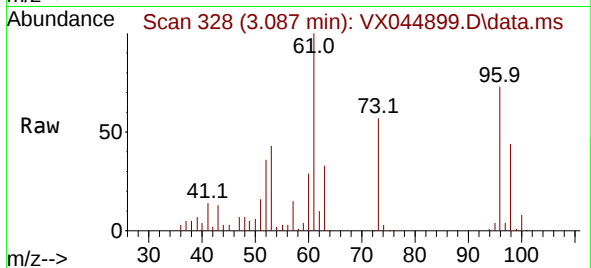
Tgt Ion: 84 Resp: 31488  
Ion Ratio Lower Upper  
84 100  
49 127.3 100.1 150.1  
51 39.5 31.7 47.5  
86 63.9 50.8 76.2



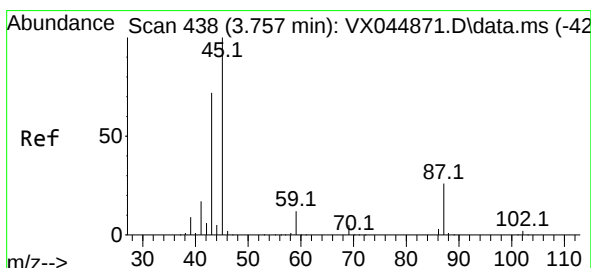
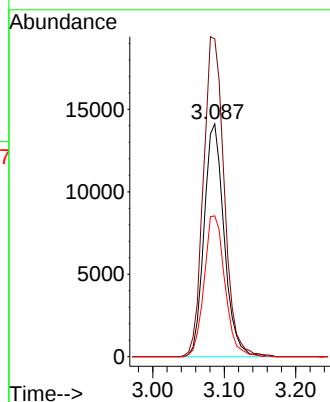
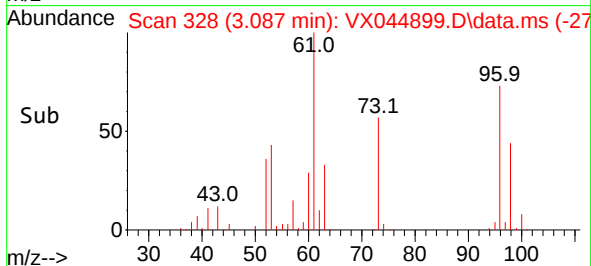


#21  
trans-1,2-Dichloroethene  
Concen: 18.278 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

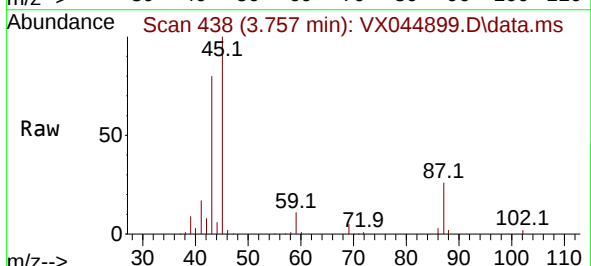
Instrument :  
MSVOA\_X  
ClientSampleId :



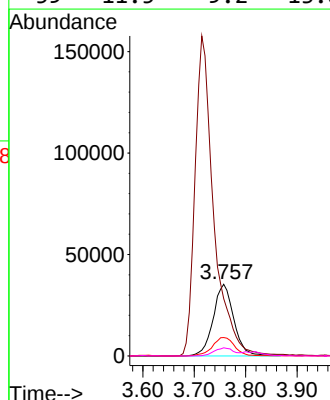
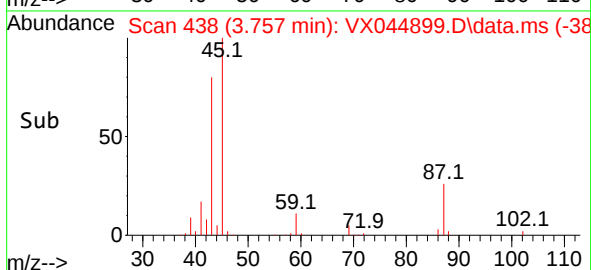
Tgt Ion: 96 Resp: 27491  
Ion Ratio Lower Upper  
96 100  
61 136.6 106.0 159.0  
98 60.5 50.6 76.0

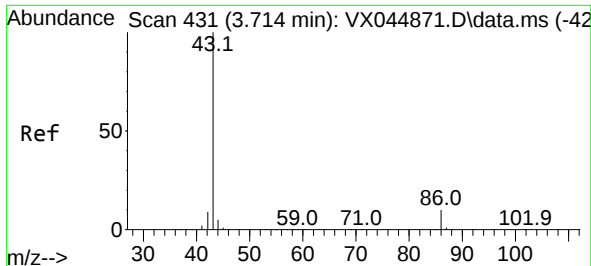


#22  
Diisopropyl ether  
Concen: 18.892 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34



Tgt Ion: 45 Resp: 98710  
Ion Ratio Lower Upper  
45 100  
43 79.6 58.0 87.0  
87 25.7 20.7 31.1  
59 11.5 9.2 13.8

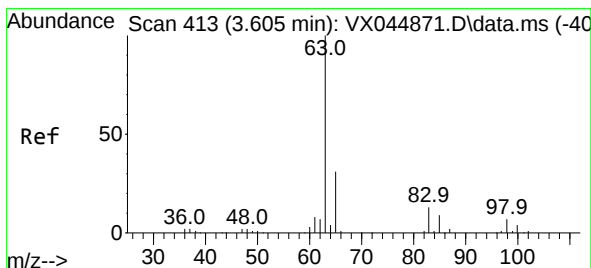
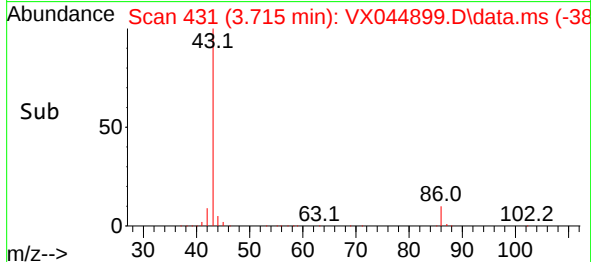
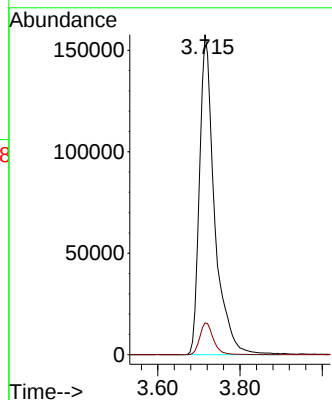
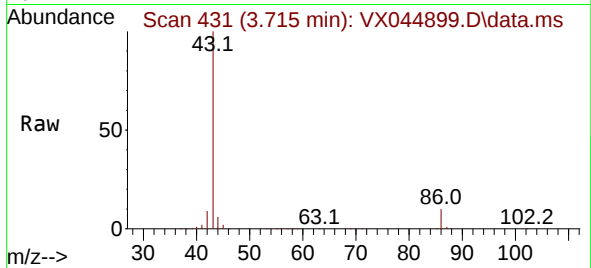




#23  
 Vinyl Acetate  
 Concen: 94.207 ug/l  
 RT: 3.715 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

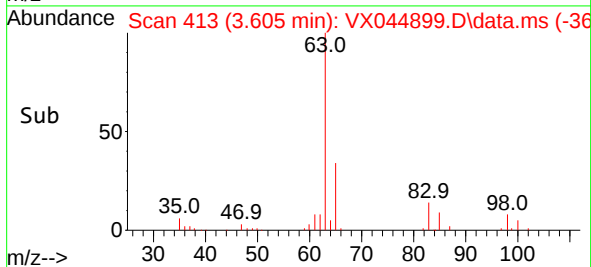
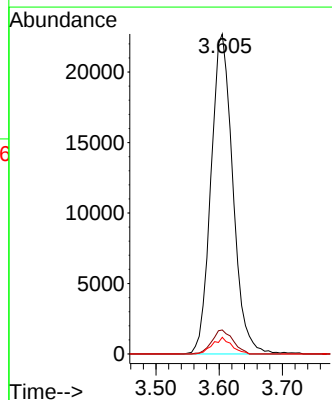
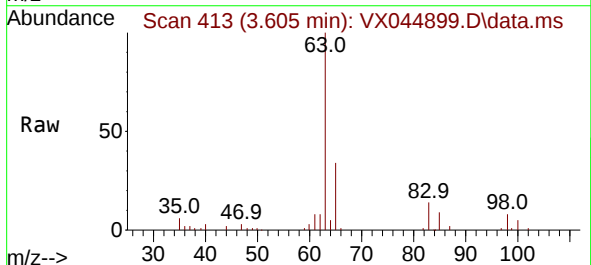
Instrument :  
 MSVOA\_X  
 ClientSampleId :

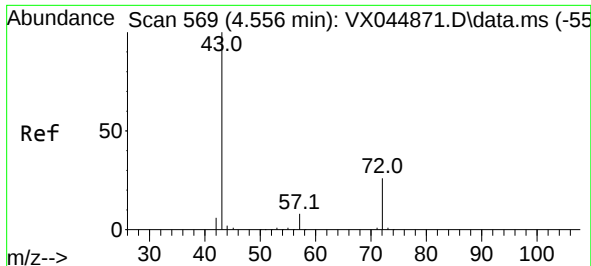
Tgt Ion: 43 Resp: 401301  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.3 12.5



#24  
 1,1-Dichloroethane  
 Concen: 18.607 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

Tgt Ion: 63 Resp: 54401  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.3 9.9  
 100 5.2 2.1 6.5

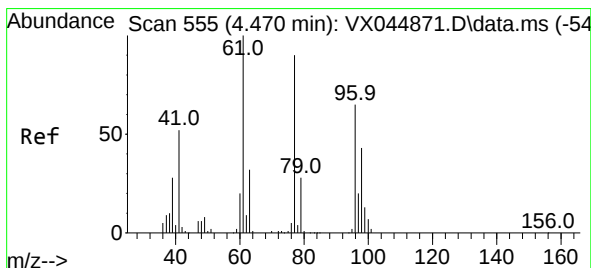
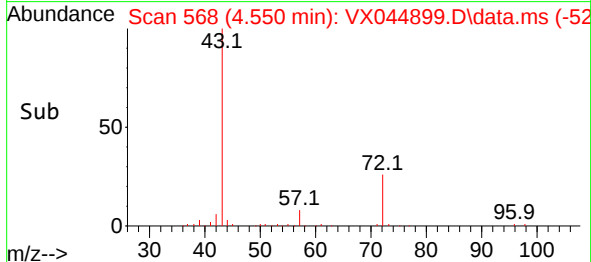
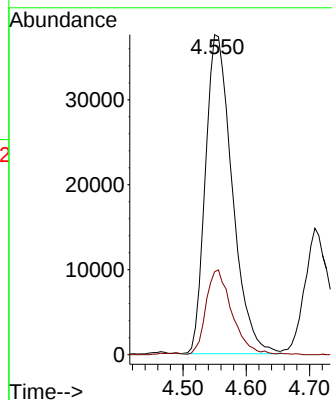
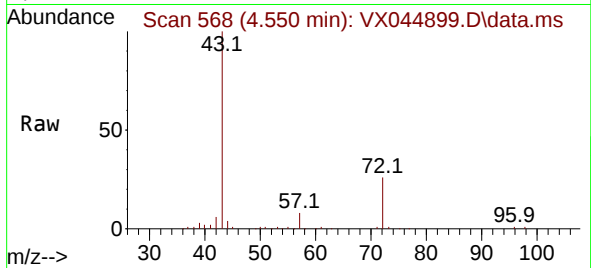




#25  
2-Butanone  
Concen: 97.595 ug/l  
RT: 4.550 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

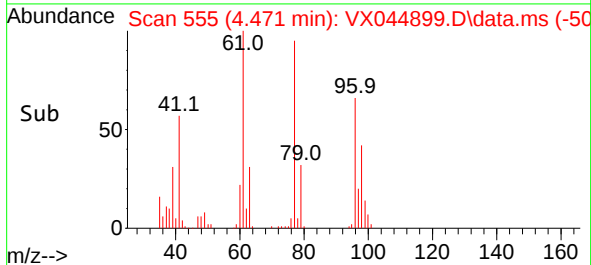
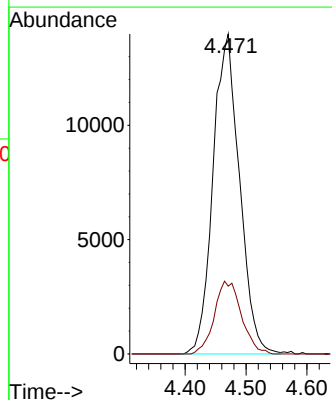
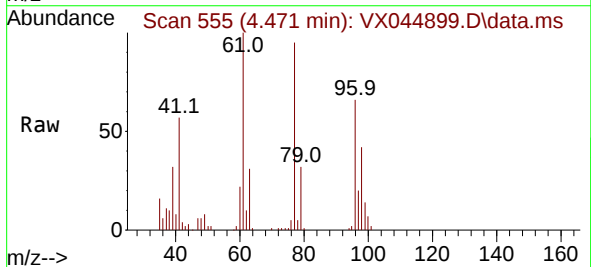
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 110571  
Ion Ratio Lower Upper  
43 100  
72 25.6 21.2 31.8



#26  
2,2-Dichloropropane  
Concen: 18.219 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 77 Resp: 42242  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.055 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

ClientSampleId :

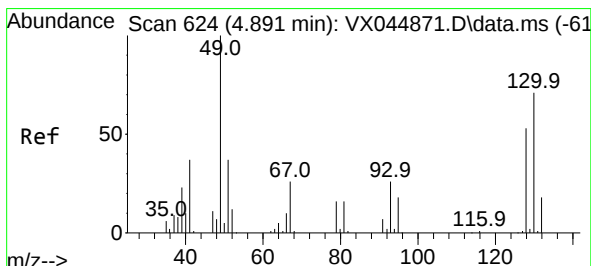
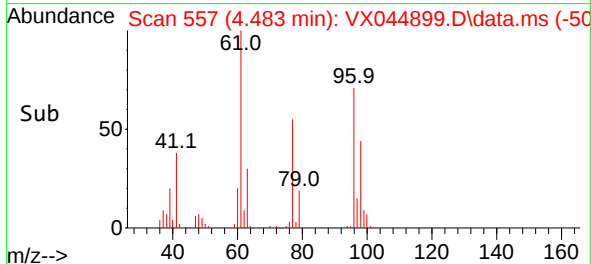
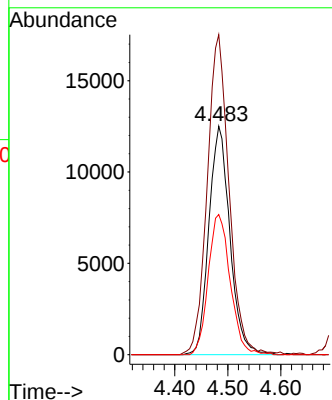
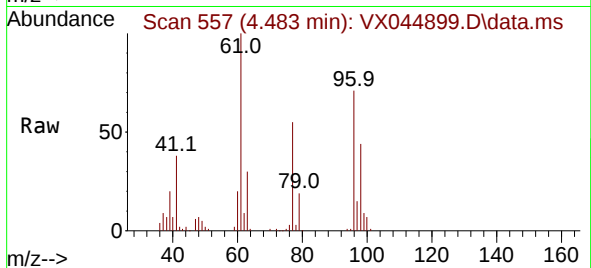
Tgt Ion: 96 Resp: 34426

Ion Ratio Lower Upper

96 100

61 145.4 0.0 294.0

98 64.2 0.0 131.2



#28

Bromochloromethane

Concen: 19.999 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

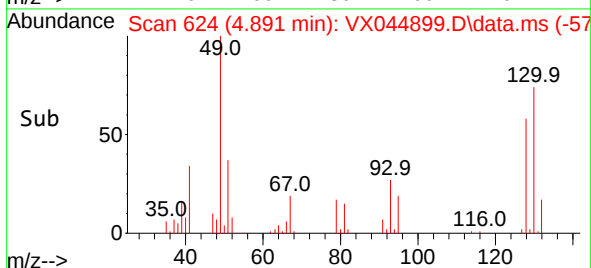
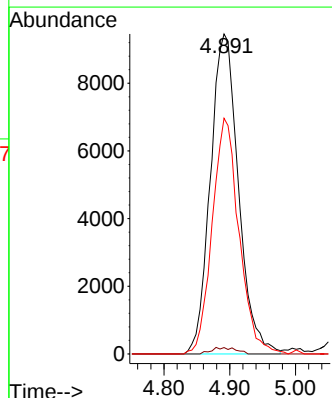
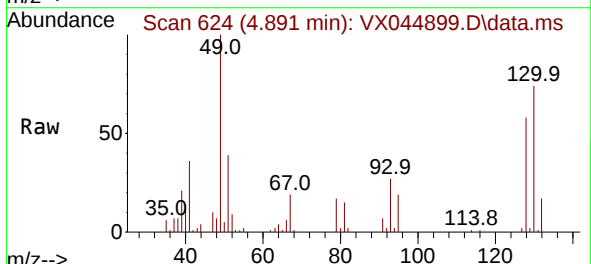
Tgt Ion: 49 Resp: 28099

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 70.3 56.7 85.1





#29

Tetrahydrofuran

Concen: 96.644 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

ClientSampleId :

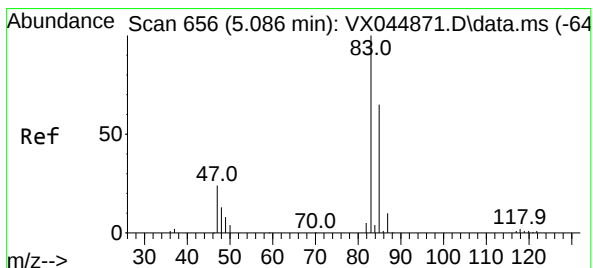
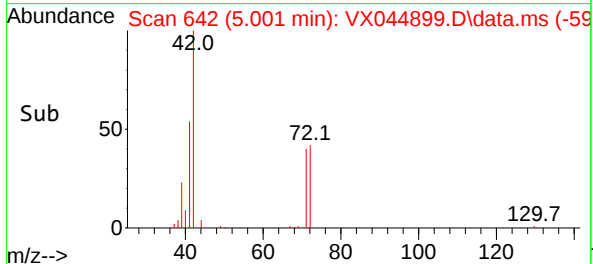
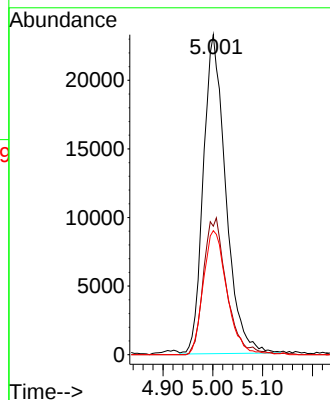
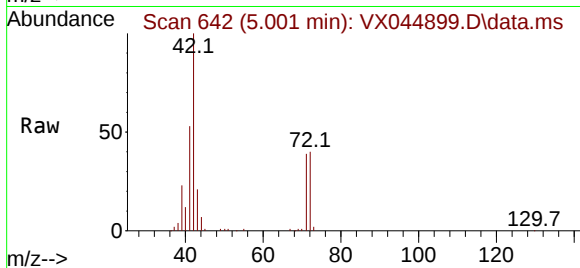
Tgt Ion: 42 Resp: 72706

Ion Ratio Lower Upper

42 100

72 44.6 35.0 52.4

71 41.0 32.6 48.8



#30

Chloroform

Concen: 18.651 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044899.D

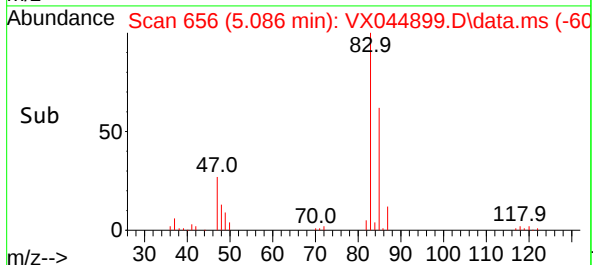
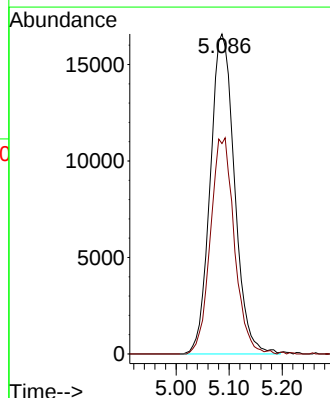
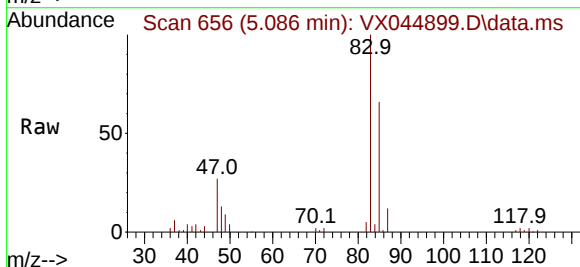
Acq: 11 Feb 2025 12:34

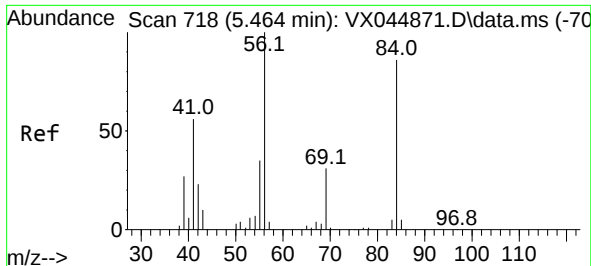
Tgt Ion: 83 Resp: 52881

Ion Ratio Lower Upper

83 100

85 65.8 52.1 78.1

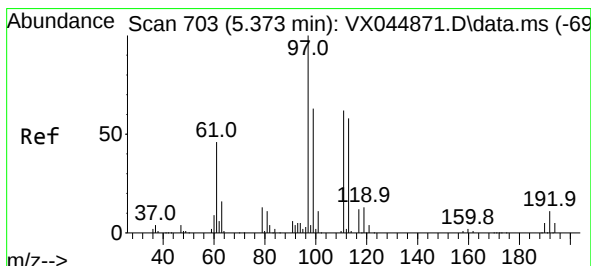
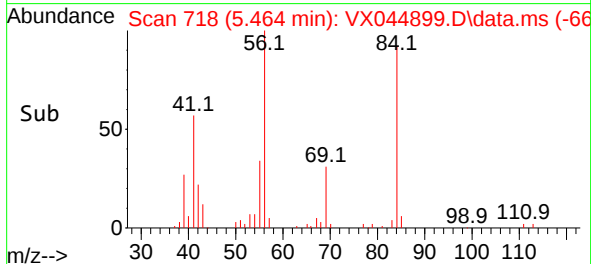
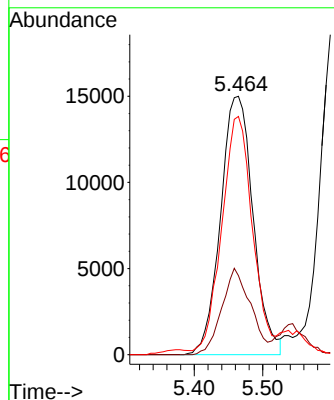
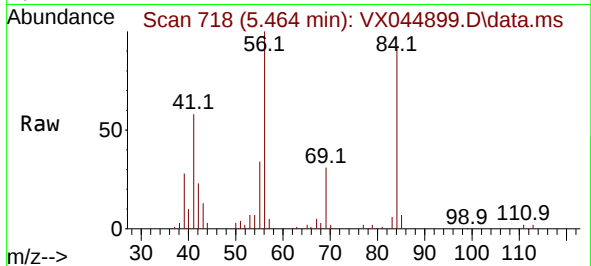




#31  
Cyclohexane  
Concen: 18.352 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

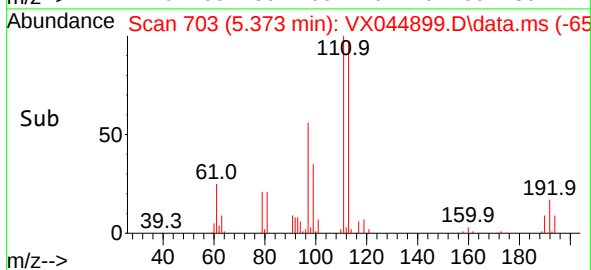
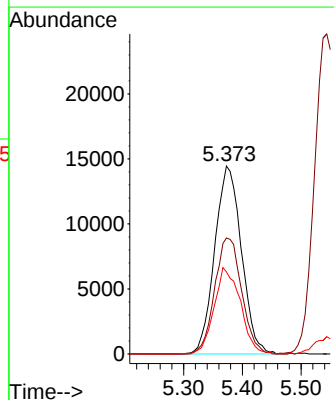
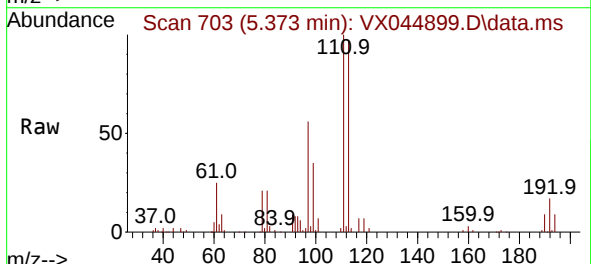
Instrument :  
MSVOA\_X  
ClientSampleId :

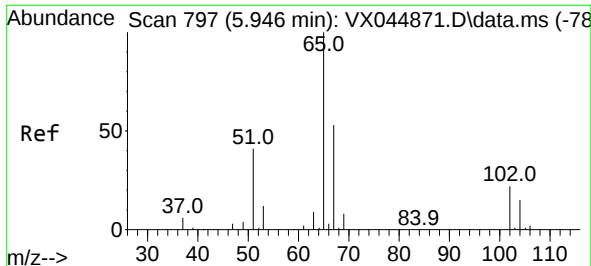
Tgt Ion: 56 Resp: 49465  
Ion Ratio Lower Upper  
56 100  
69 30.6 24.4 36.6  
84 90.2 69.0 103.6



#32  
1,1,1-Trichloroethane  
Concen: 18.977 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 97 Resp: 45638  
Ion Ratio Lower Upper  
97 100  
99 62.2 51.0 76.6  
61 45.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 54.745 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

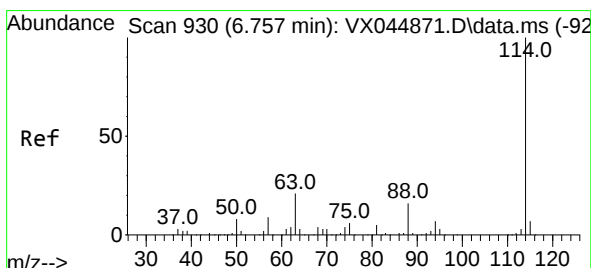
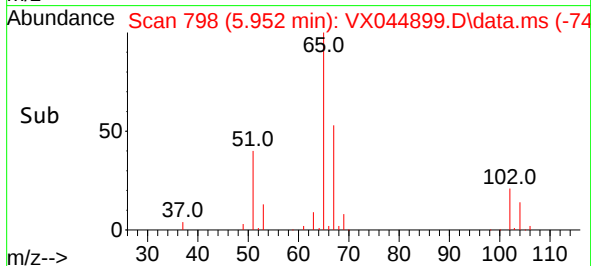
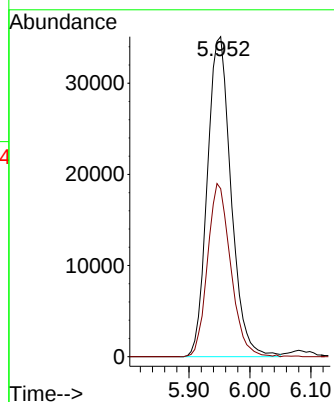
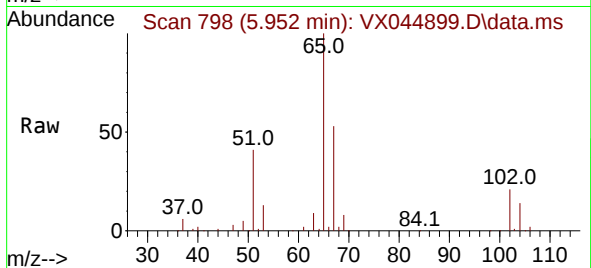
ClientSampleId :

Tgt Ion: 65 Resp: 95014

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

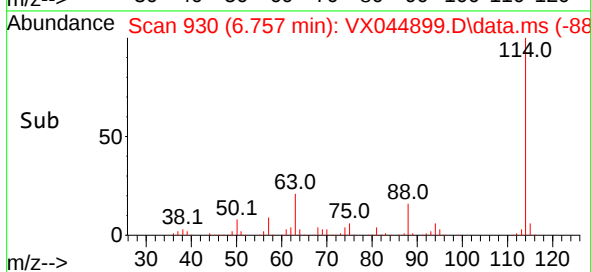
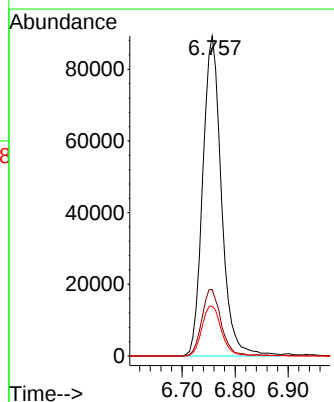
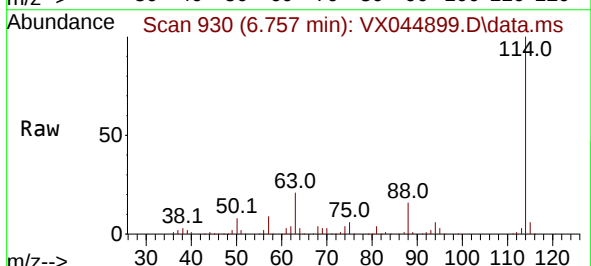
Tgt Ion: 114 Resp: 218918

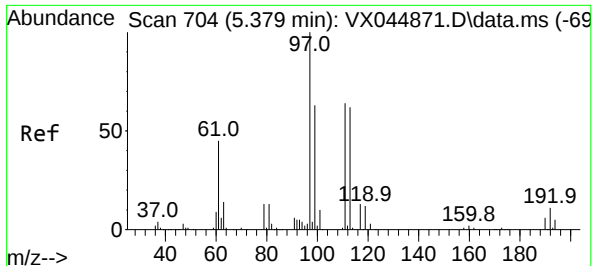
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

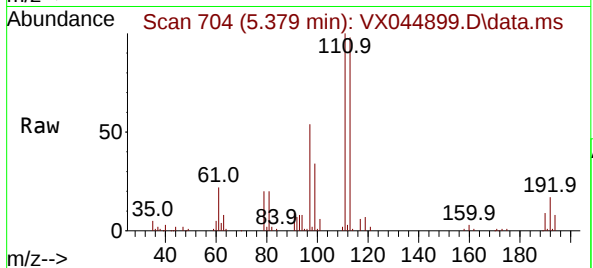
88 15.6 0.0 31.4



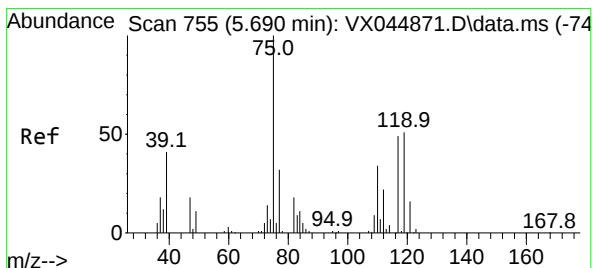
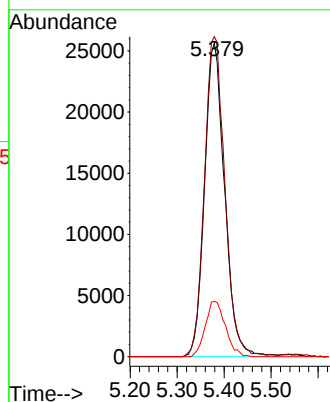
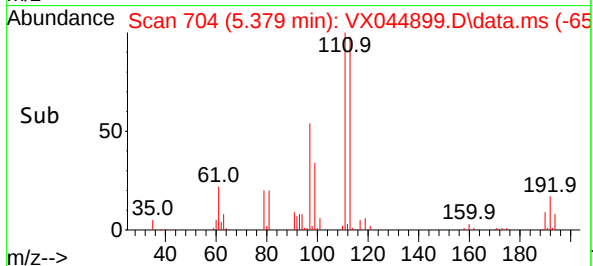


#35  
Dibromofluoromethane  
Concen: 53.286 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

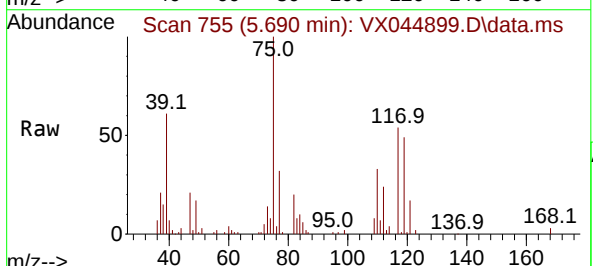
Instrument :  
MSVOA\_X  
ClientSampleId :



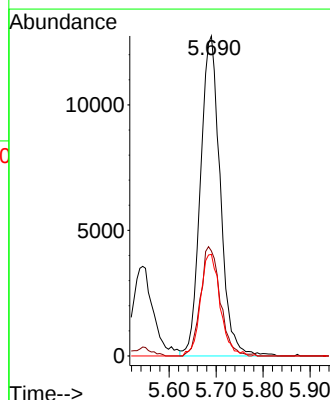
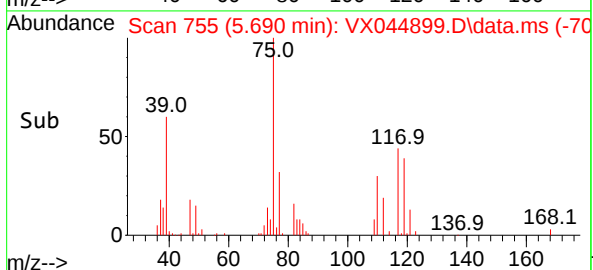
Tgt Ion:113 Resp: 75843  
Ion Ratio Lower Upper  
113 100  
111 103.9 83.5 125.3  
192 17.7 14.4 21.6

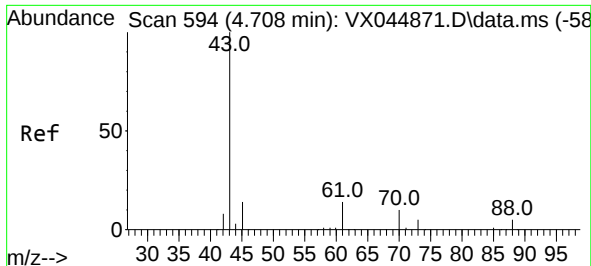


#36  
1,1-Dichloropropene  
Concen: 18.091 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34



Tgt Ion: 75 Resp: 37149  
Ion Ratio Lower Upper  
75 100  
110 34.3 17.2 51.6  
77 31.6 24.6 37.0

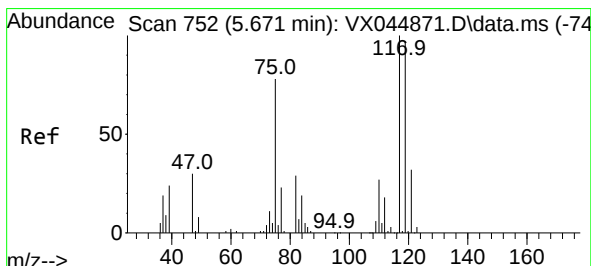
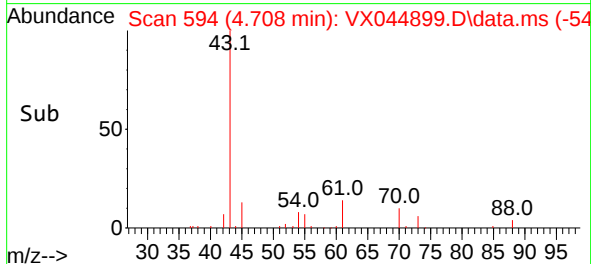
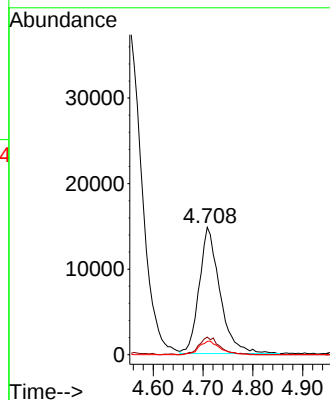
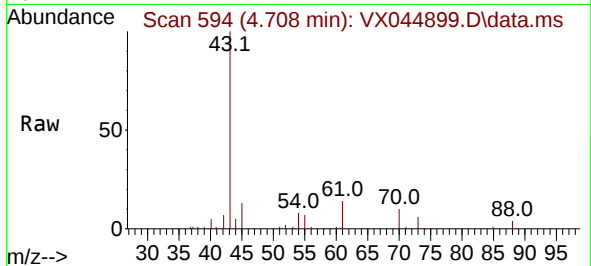




#37  
Ethyl Acetate  
Concen: 18.637 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

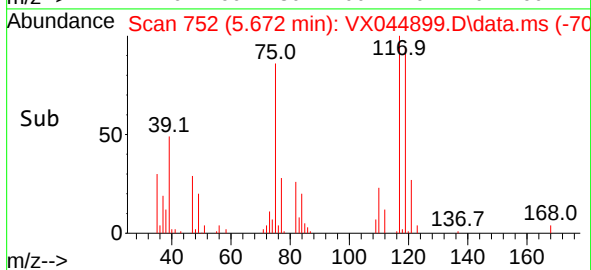
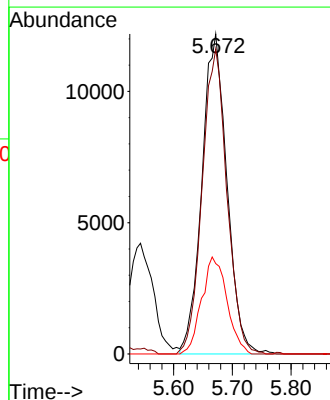
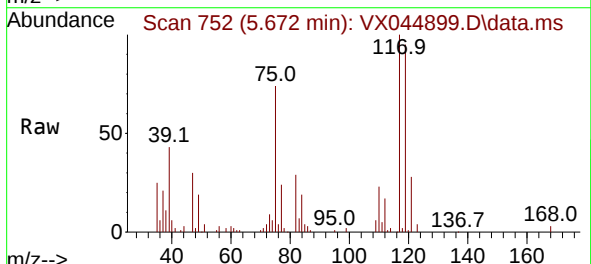
Instrument :  
MSVOA\_X  
ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.9  | 11.0  | 16.4  |
| 70      | 10.9  | 8.2   | 12.2  |



#38  
Carbon Tetrachloride  
Concen: 17.966 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.9  | 77.5  | 116.3 |
| 121     | 28.2  | 25.6  | 38.4  |





#39

Methylcyclohexane

Concen: 19.045 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

ClientSampleId :

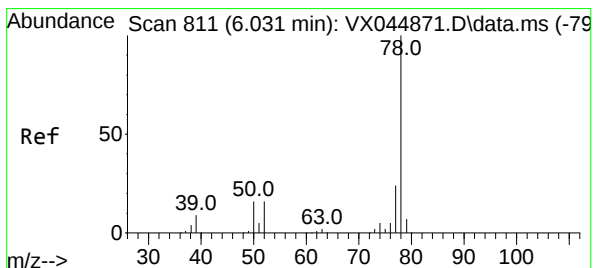
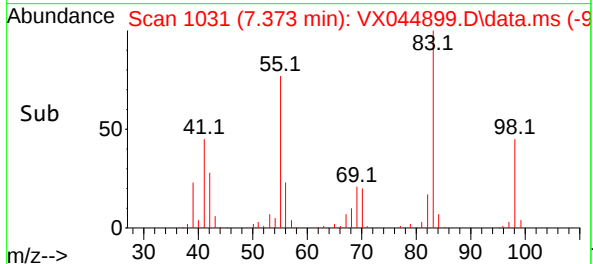
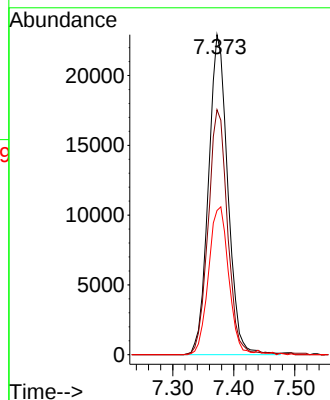
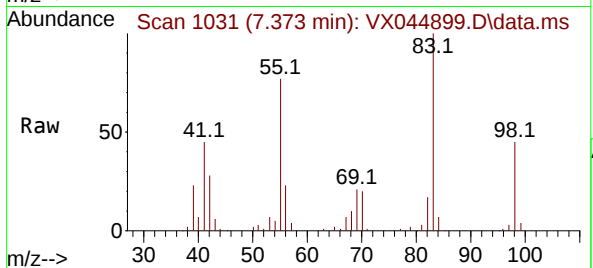
Tgt Ion: 83 Resp: 50562

Ion Ratio Lower Upper

83 100

55 76.6 61.3 91.9

98 45.1 37.0 55.6



#40

Benzene

Concen: 18.851 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044899.D

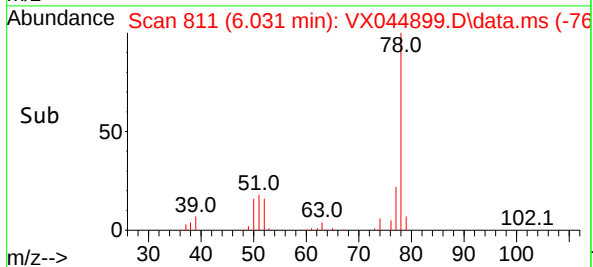
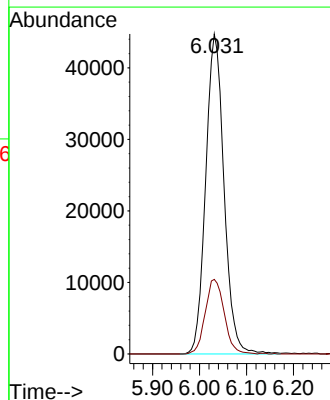
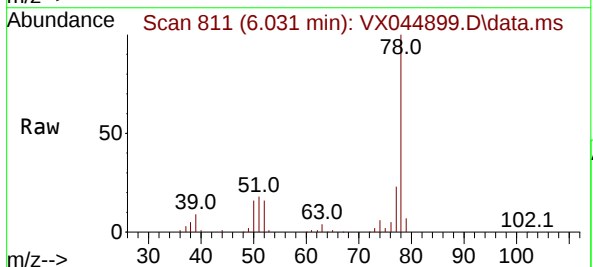
Acq: 11 Feb 2025 12:34

Tgt Ion: 78 Resp: 120873

Ion Ratio Lower Upper

78 100

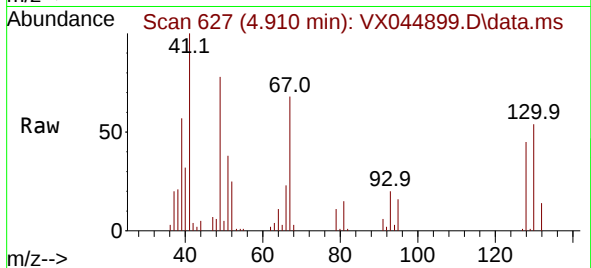
77 23.3 19.0 28.6





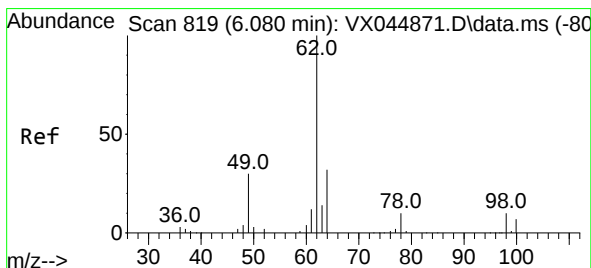
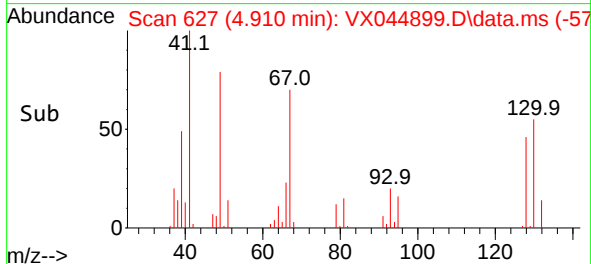
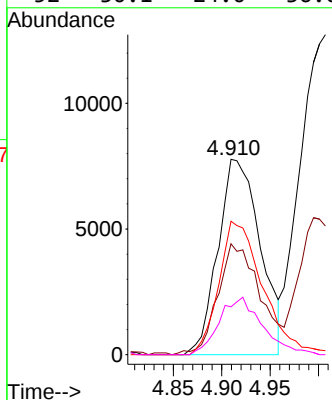
#41  
Methacrylonitrile  
Concen: 19.335 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 41 Resp: 23639

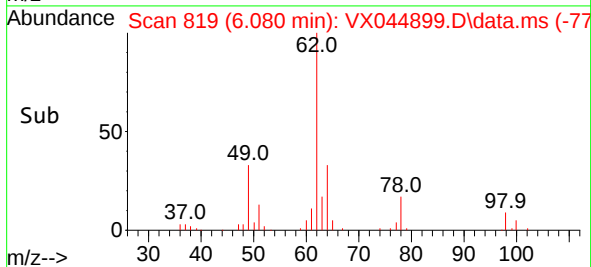
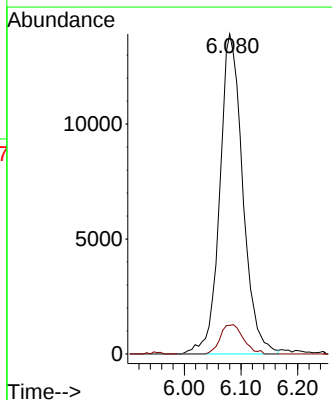
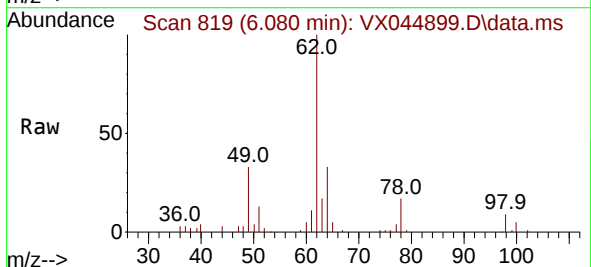
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.3  | 43.1  | 64.7  |
| 67  | 71.8  | 57.0  | 85.6  |
| 52  | 30.1  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 19.197 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 62 Resp: 39231

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.1   | 0.0   | 19.4  |

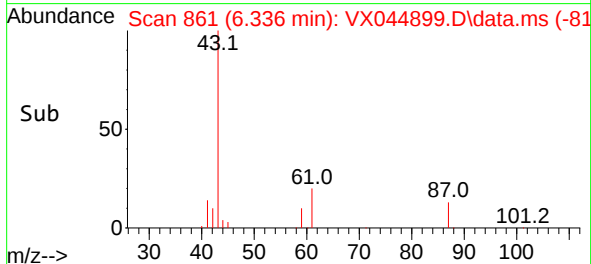
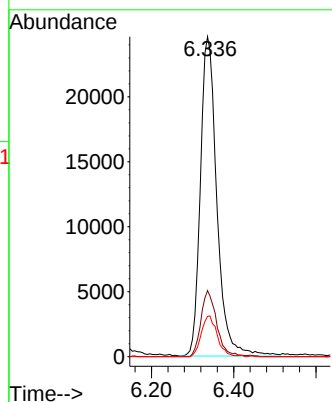
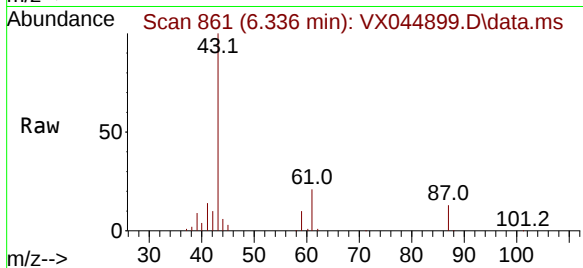




#43  
Isopropyl Acetate  
Concen: 18.526 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

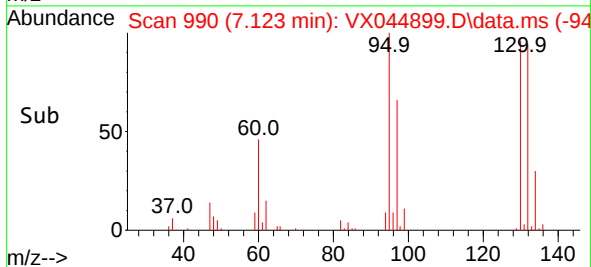
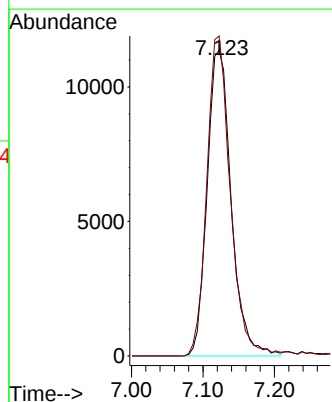
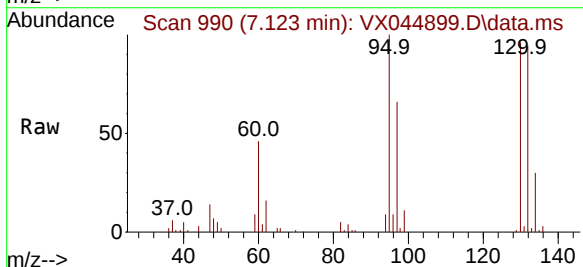
Instrument :  
MSVOA\_X  
ClientSampleId :

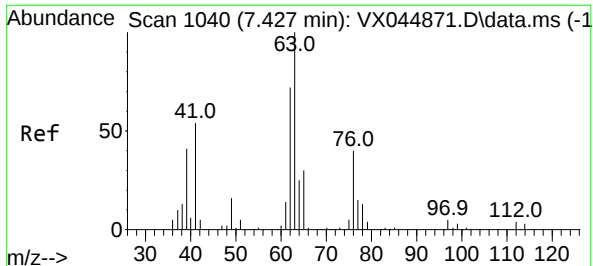
Tgt Ion: 43 Resp: 68333  
Ion Ratio Lower Upper  
43 100  
61 19.7 15.8 23.8  
87 12.3 10.0 15.0



#44  
Trichloroethene  
Concen: 18.141 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion:130 Resp: 26588  
Ion Ratio Lower Upper  
130 100  
95 104.7 0.0 202.4





#45

1,2-Dichloropropane

Concen: 18.723 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

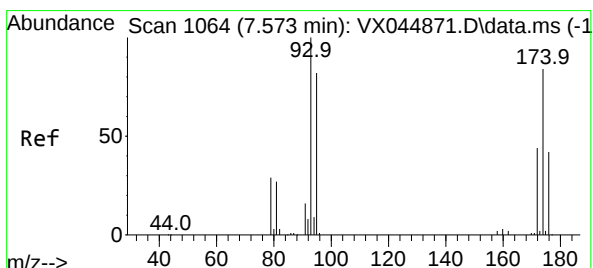
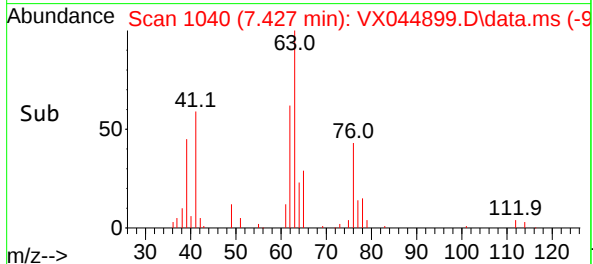
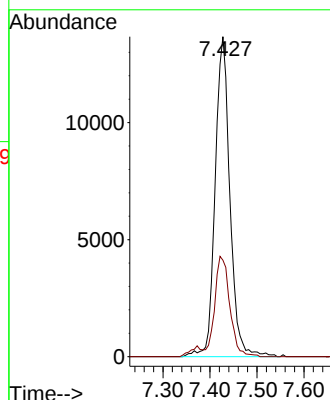
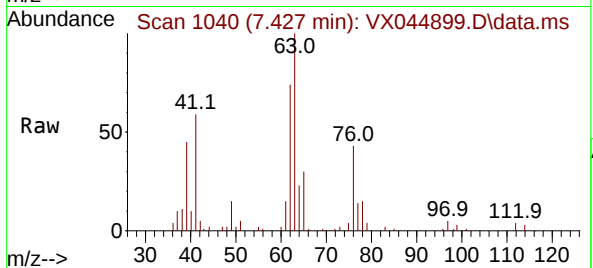
ClientSampleId :

Tgt Ion: 63 Resp: 29868

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.4



#46

Dibromomethane

Concen: 18.644 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

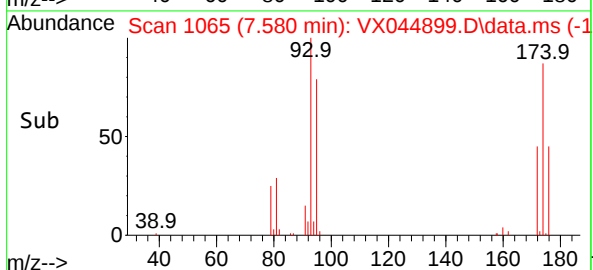
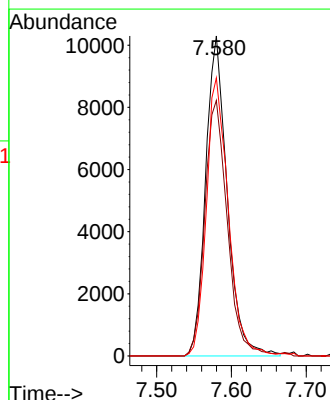
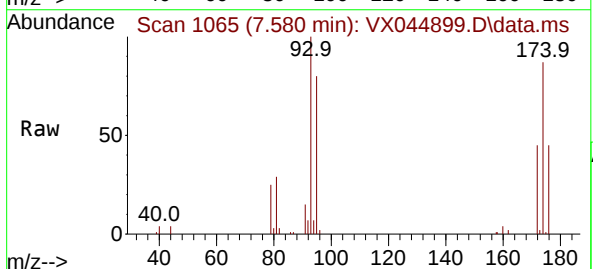
Tgt Ion: 93 Resp: 20626

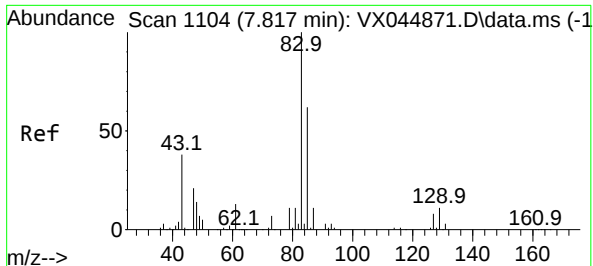
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 88.4 69.9 104.9

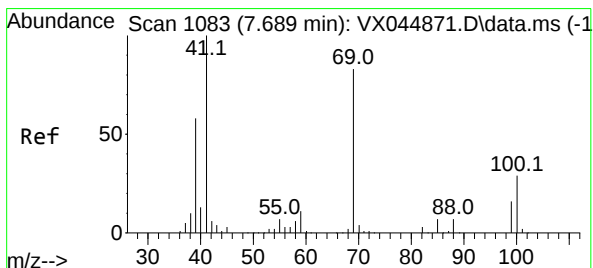
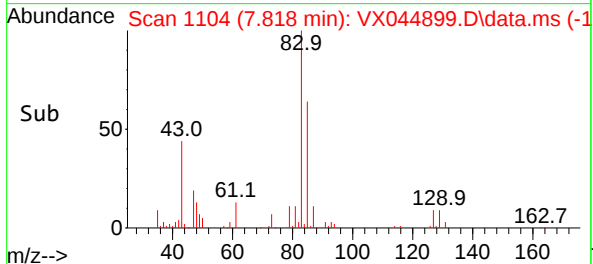
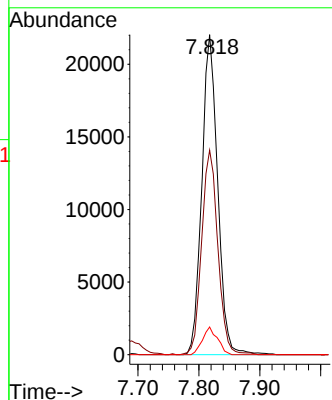
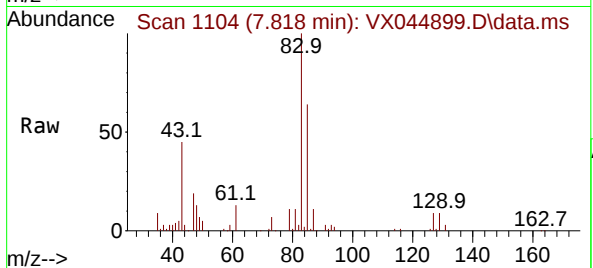




#47  
Bromodichloromethane  
Concen: 18.631 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

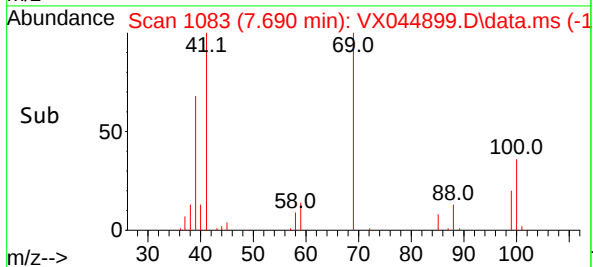
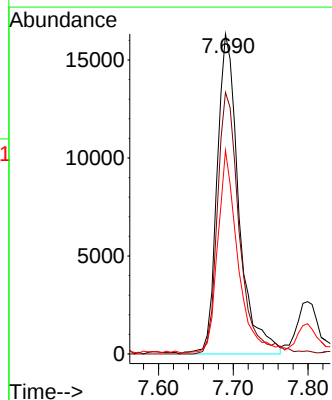
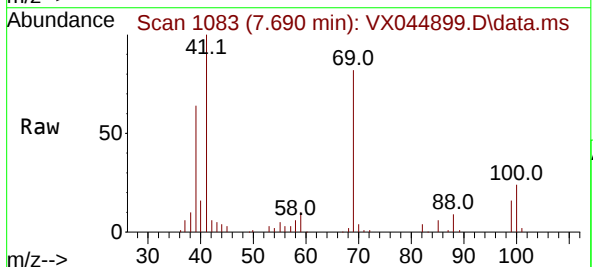
Instrument :  
MSVOA\_X  
ClientSampleId :

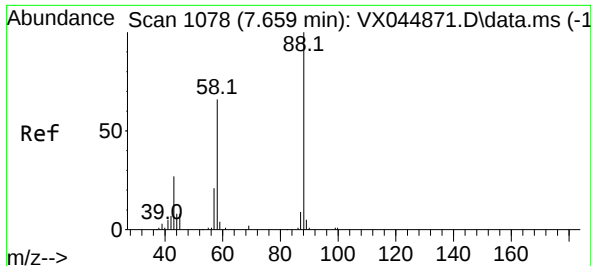
Tgt Ion: 83 Resp: 39911  
Ion Ratio Lower Upper  
83 100  
85 63.9 50.0 75.0  
127 8.7 6.4 9.6



#48  
Methyl methacrylate  
Concen: 19.035 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 41 Resp: 33105  
Ion Ratio Lower Upper  
41 100  
69 82.7 65.8 98.8  
39 58.3 46.4 69.6





#49

1,4-Dioxane

Concen: 400.586 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

ClientSampleId :

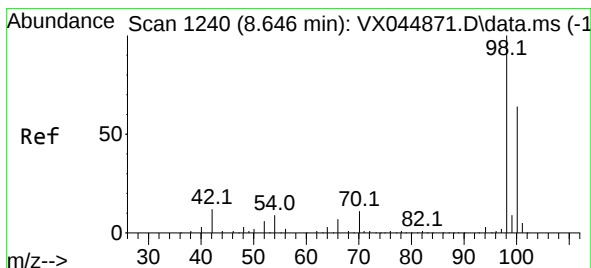
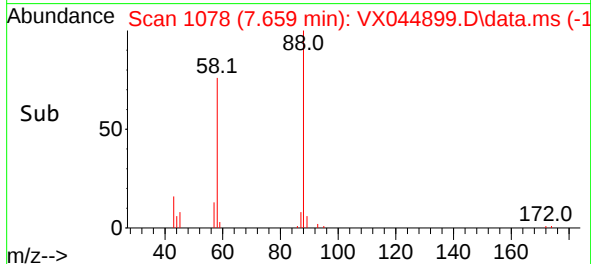
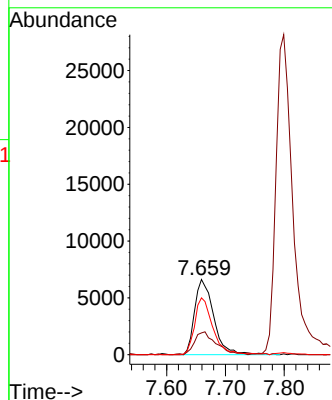
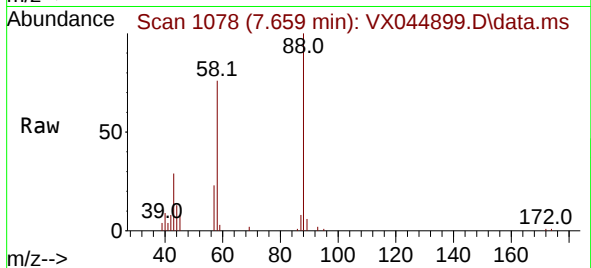
Tgt Ion: 88 Resp: 14947

Ion Ratio Lower Upper

88 100

43 34.3 26.6 39.8

58 70.8 55.9 83.9



#50

Toluene-d8

Concen: 53.452 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044899.D

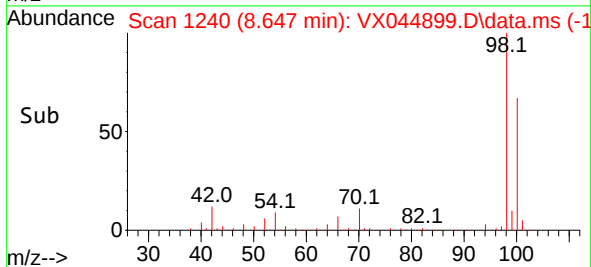
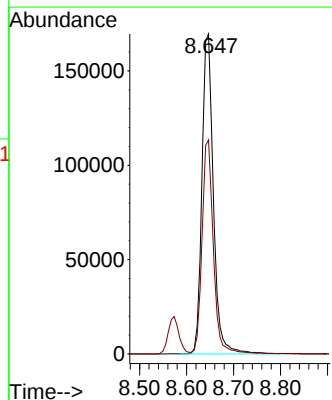
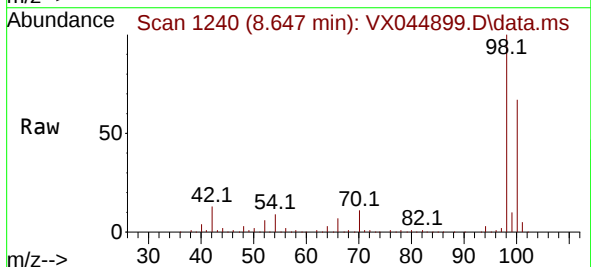
Acq: 11 Feb 2025 12:34

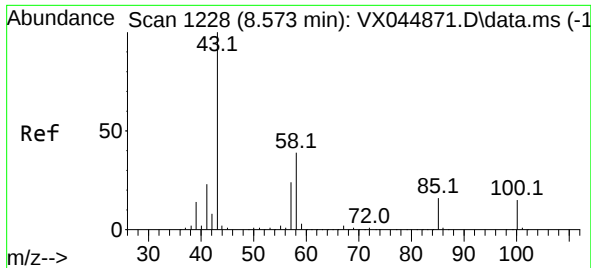
Tgt Ion: 98 Resp: 287687

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1

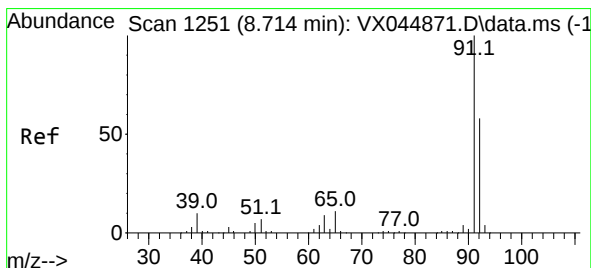
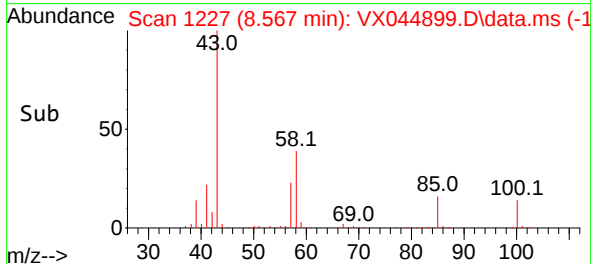
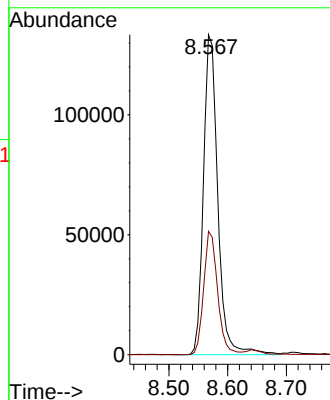
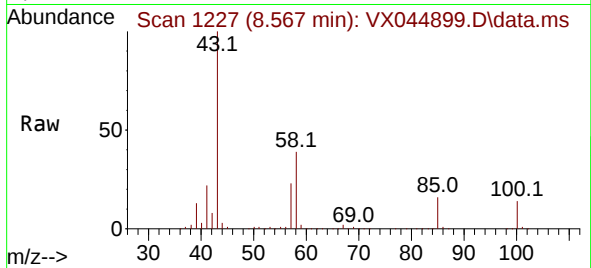




#51  
4-Methyl-2-Pentanone  
Concen: 101.129 ug/l  
RT: 8.567 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

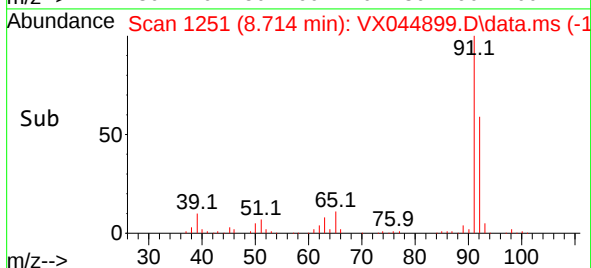
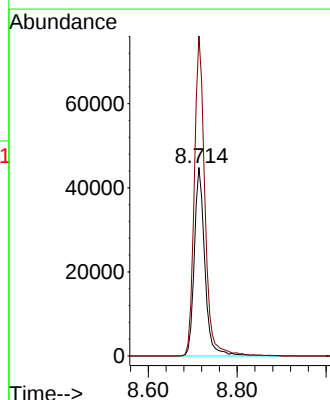
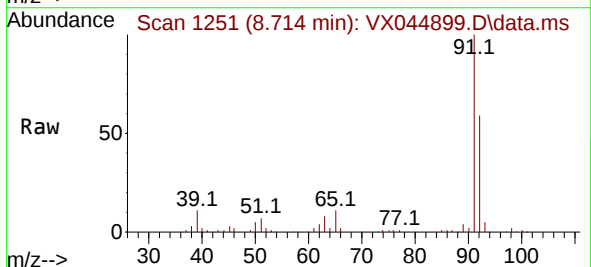
Instrument :  
MSVOA\_X  
ClientSampleId :

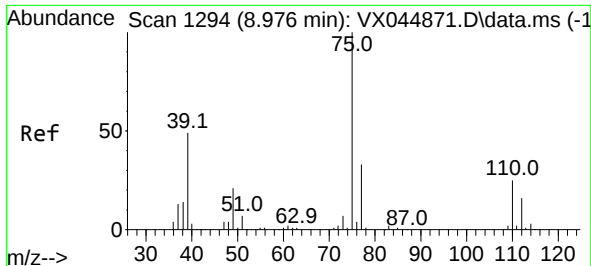
Tgt Ion: 43 Resp: 226765  
Ion Ratio Lower Upper  
43 100  
58 37.4 30.8 46.2



#52  
Toluene  
Concen: 19.254 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 92 Resp: 73528  
Ion Ratio Lower Upper  
92 100  
91 170.7 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 17.896 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

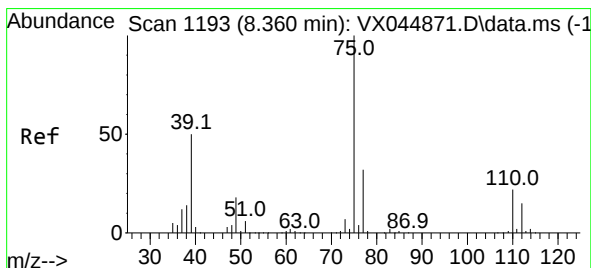
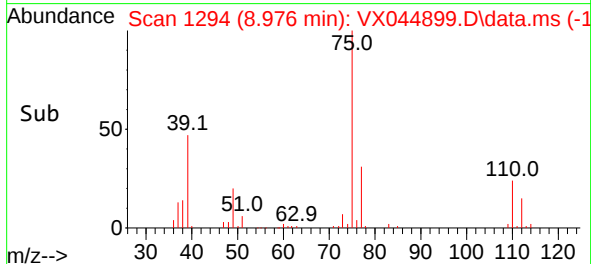
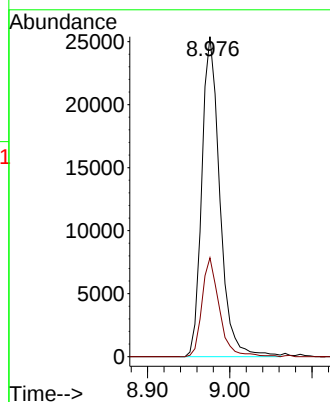
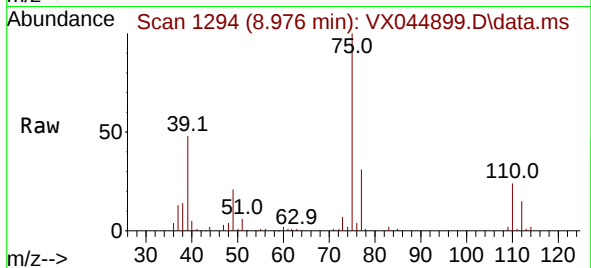
ClientSampleId :

Tgt Ion: 75 Resp: 38793

Ion Ratio Lower Upper

75 100

77 30.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 18.698 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

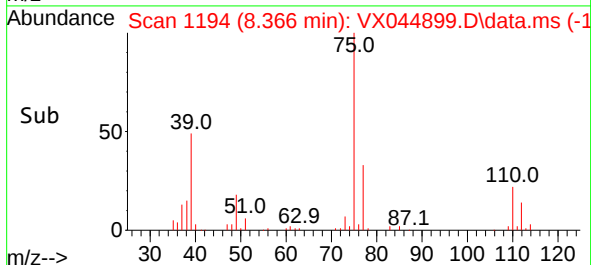
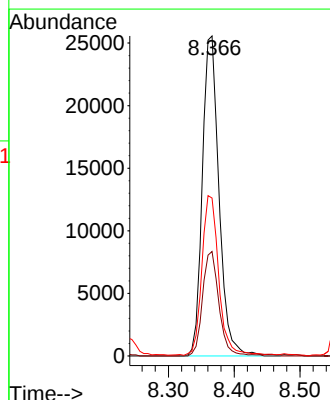
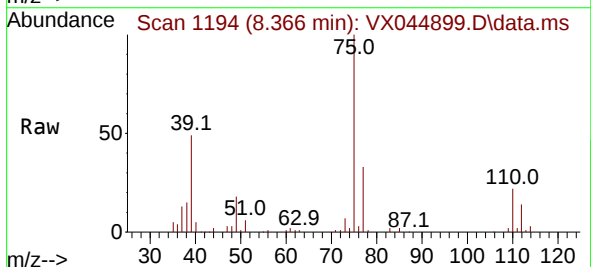
Tgt Ion: 75 Resp: 45193

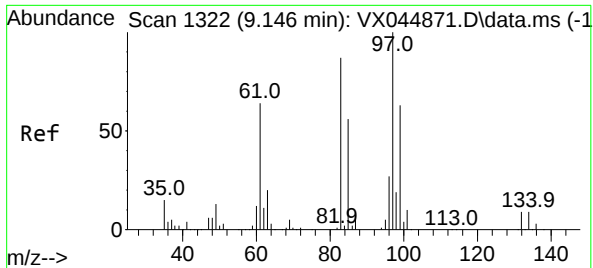
Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9

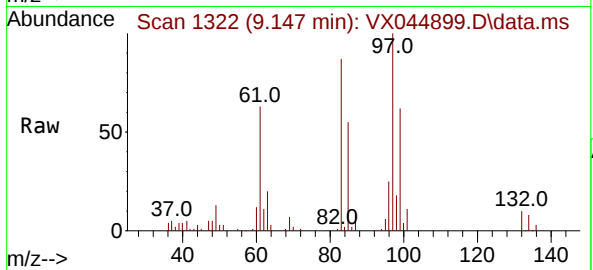
39 48.9 40.0 60.0



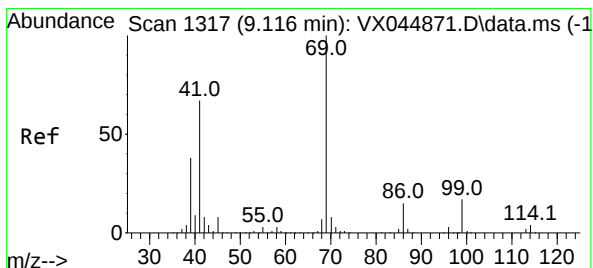
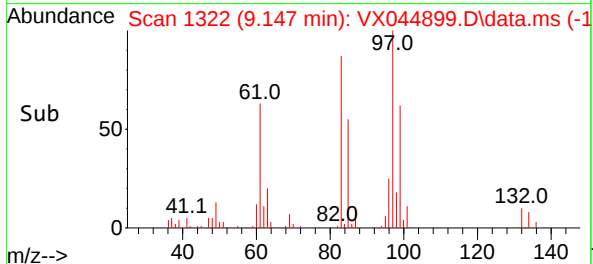
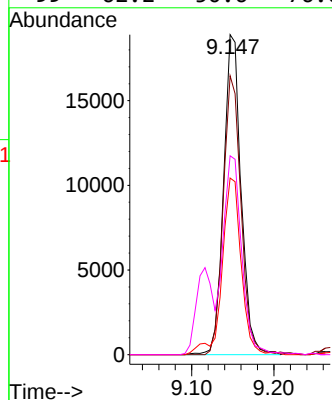


#55  
 1,1,2-Trichloroethane  
 Concen: 19.069 ug/l  
 RT: 9.147 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :

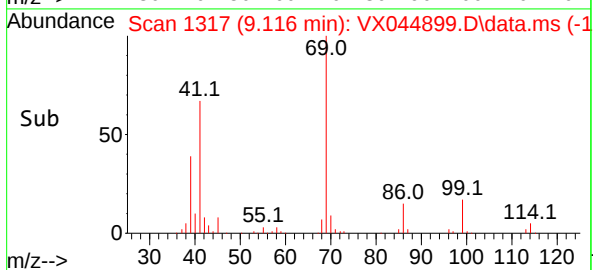
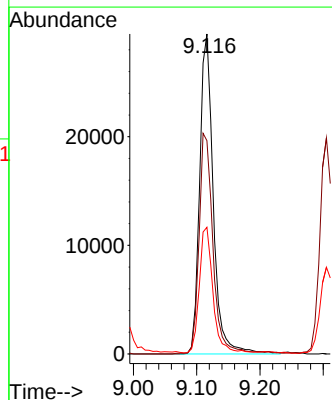
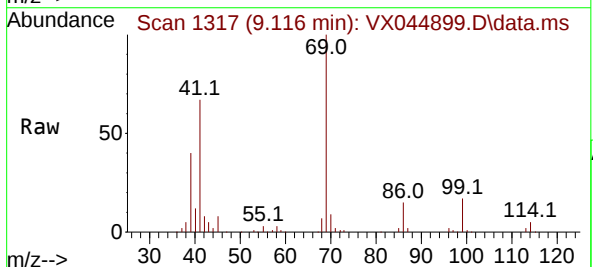


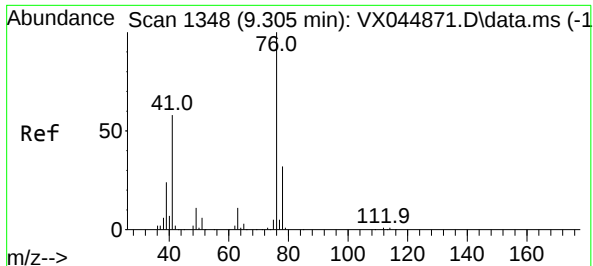
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 27993 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.1     | 69.8 104.6  |
| 85 55.2     | 44.8 67.2   |
| 99 62.2     | 50.6 76.0   |



#56  
 Ethyl methacrylate  
 Concen: 18.676 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 44281 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 71.2     | 55.2 82.8   |
| 39 39.2     | 30.8 46.2   |





#57

1,3-Dichloropropane

Concen: 19.511 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

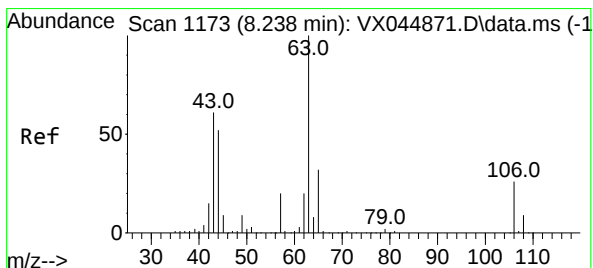
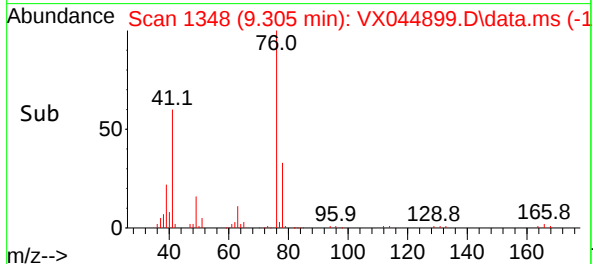
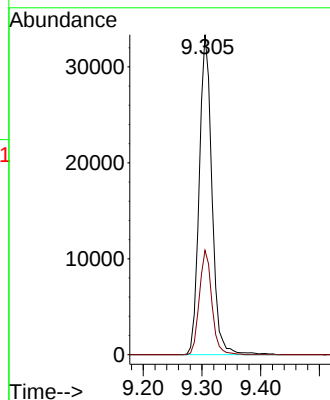
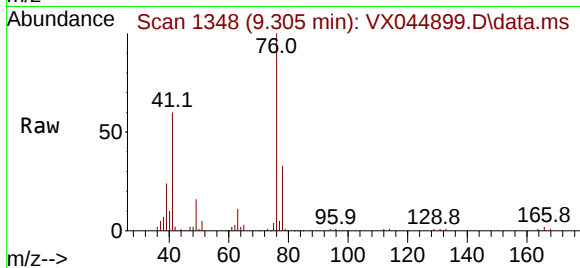
ClientSampleId :

Tgt Ion: 76 Resp: 50115

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.619 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044899.D

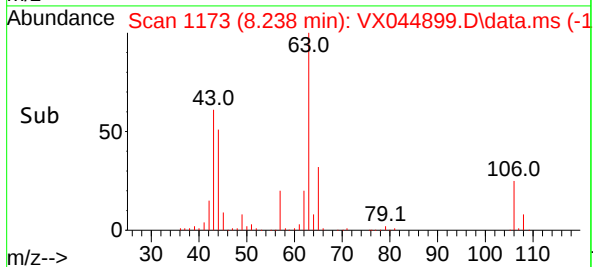
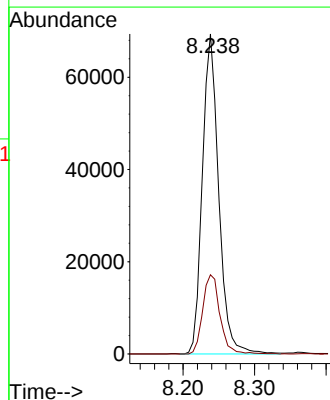
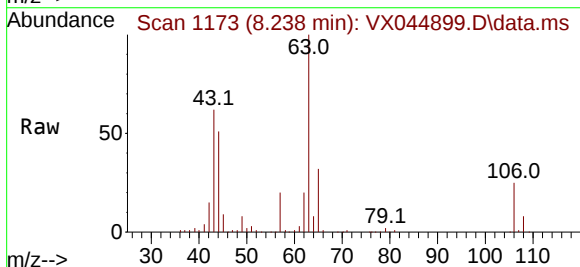
Acq: 11 Feb 2025 12:34

Tgt Ion: 63 Resp: 110153

Ion Ratio Lower Upper

63 100

106 26.1 21.3 31.9





#59

2-Hexanone

Concen: 102.096 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

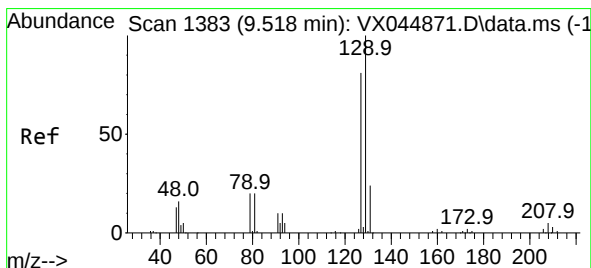
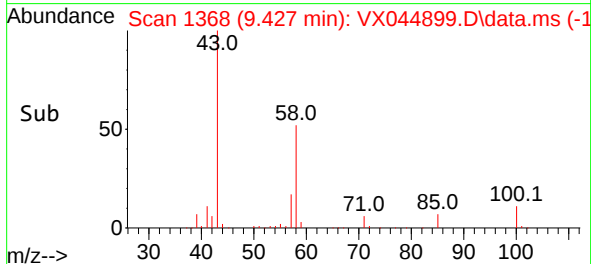
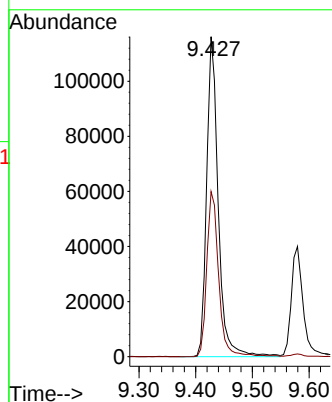
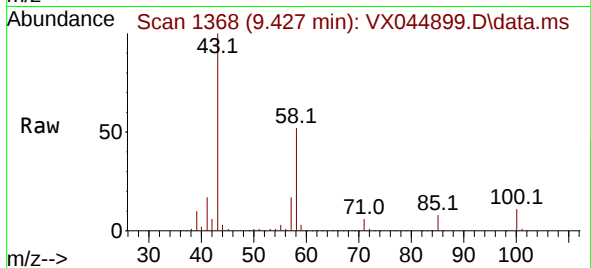
ClientSampleId :

Tgt Ion: 43 Resp: 164949

Ion Ratio Lower Upper

43 100

58 53.2 27.5 82.4



#60

Dibromochloromethane

Concen: 18.570 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044899.D

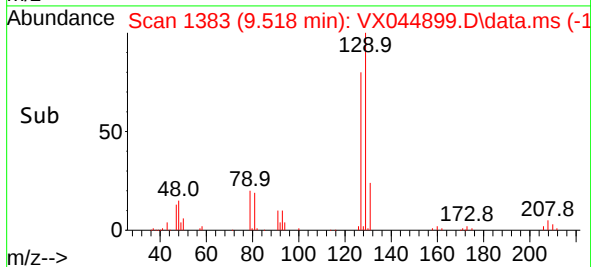
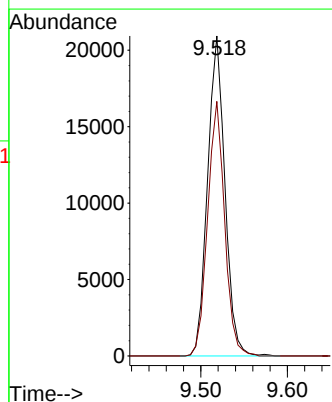
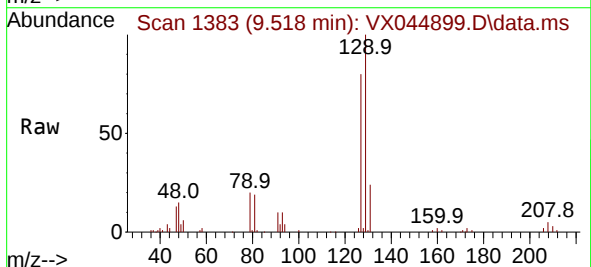
Acq: 11 Feb 2025 12:34

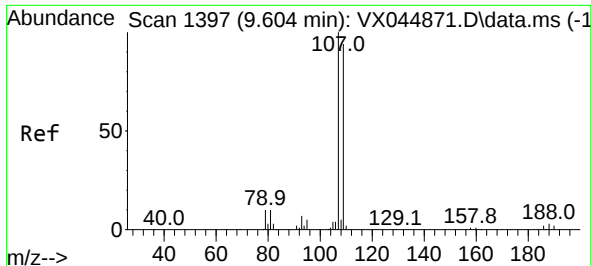
Tgt Ion:129 Resp: 29155

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.3

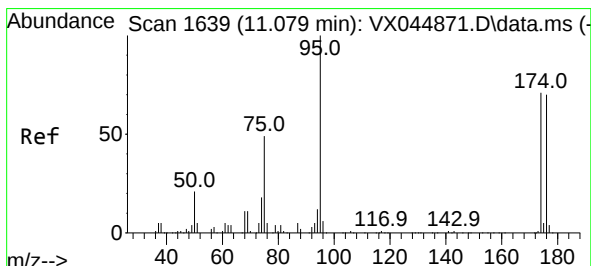
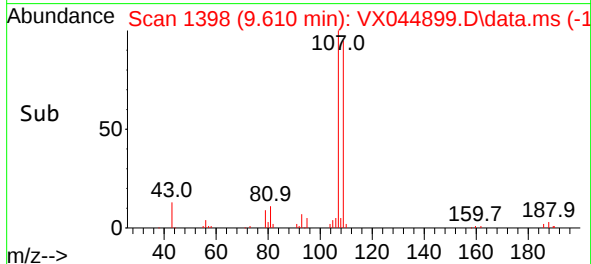
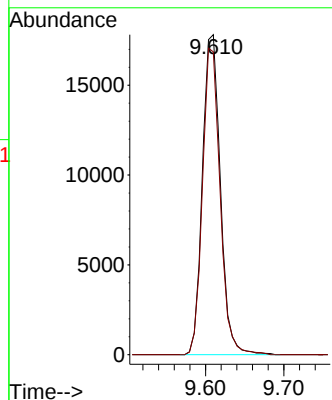
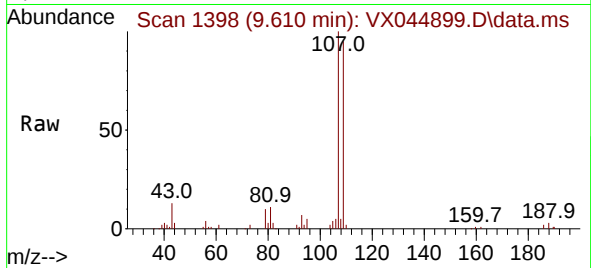




#61  
1,2-Dibromoethane  
Concen: 19.044 ug/l  
RT: 9.610 min Scan# 1397  
Delta R.T. 0.006 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

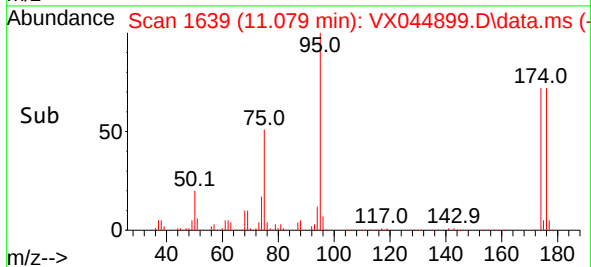
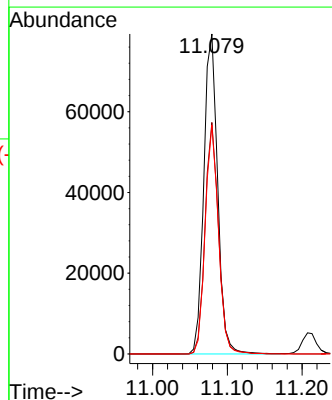
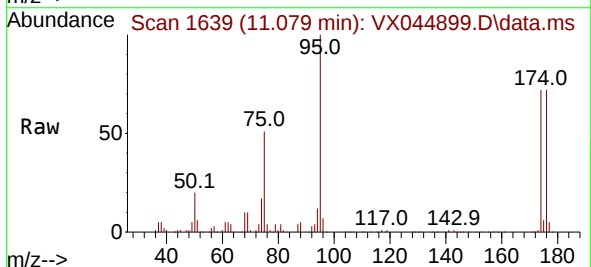
Instrument :  
MSVOA\_X  
ClientSampleId :

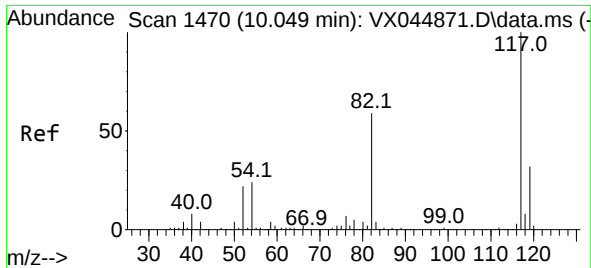
Tgt Ion:107 Resp: 28336  
Ion Ratio Lower Upper  
107 100  
109 94.1 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 56.190 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

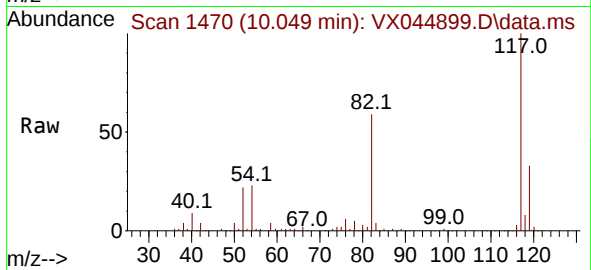
Tgt Ion: 95 Resp: 101954  
Ion Ratio Lower Upper  
95 100  
174 70.4 0.0 142.6  
176 68.6 0.0 141.6



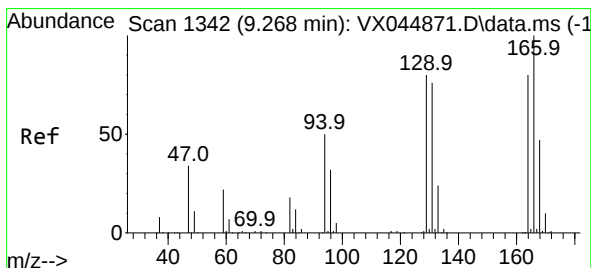
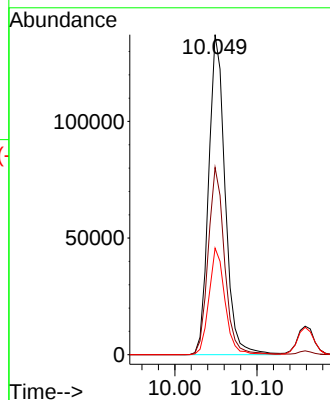
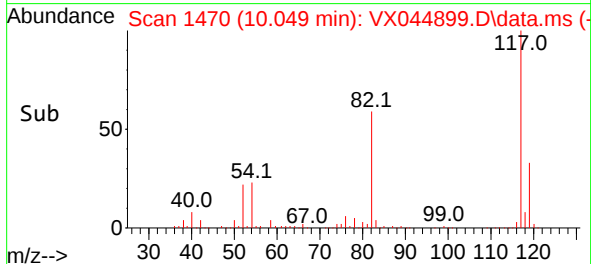


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

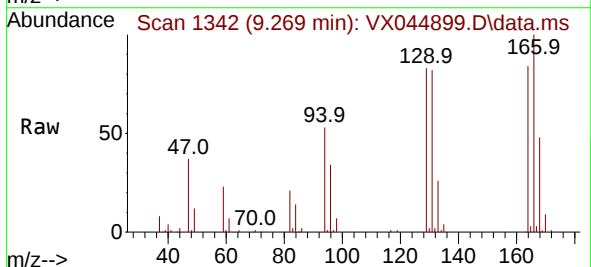
Instrument :  
MSVOA\_X  
ClientSampleId :



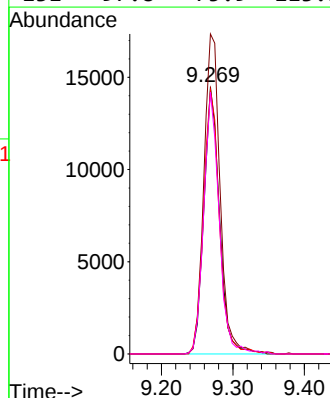
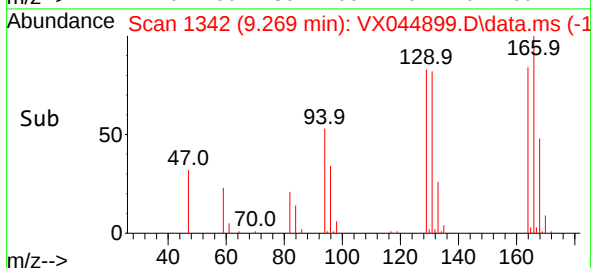
Tgt Ion:117 Resp: 190923  
Ion Ratio Lower Upper  
117 100  
82 58.5 47.5 71.3  
119 33.3 25.4 38.0

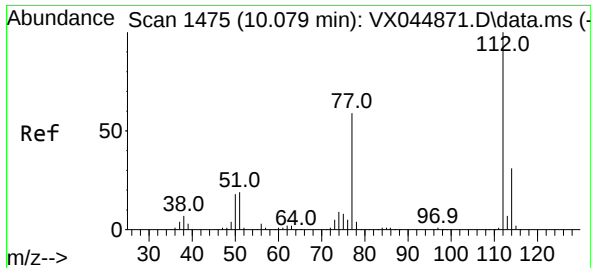


#64  
Tetrachloroethene  
Concen: 18.279 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34



Tgt Ion:164 Resp: 22009  
Ion Ratio Lower Upper  
164 100  
166 119.7 100.4 150.6  
129 99.0 79.9 119.9  
131 97.8 75.9 113.9

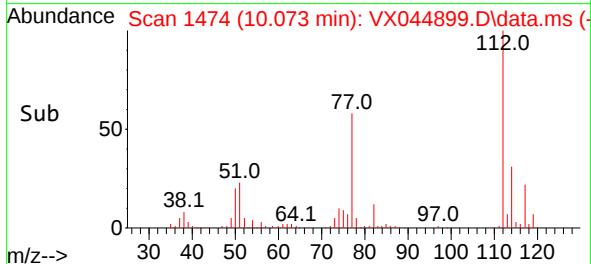
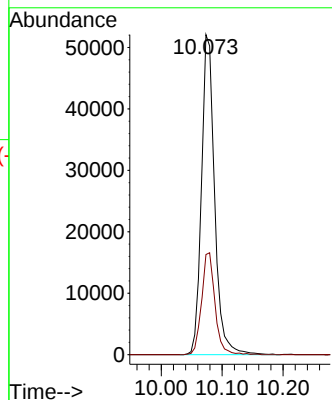
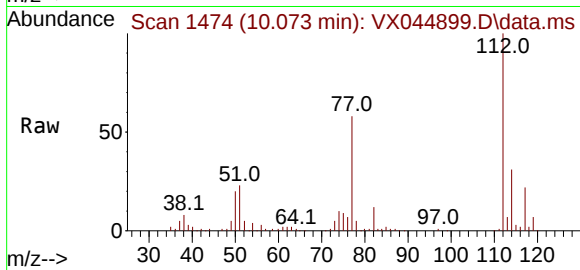




#65  
Chlorobenzene  
Concen: 19.041 ug/l  
RT: 10.073 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

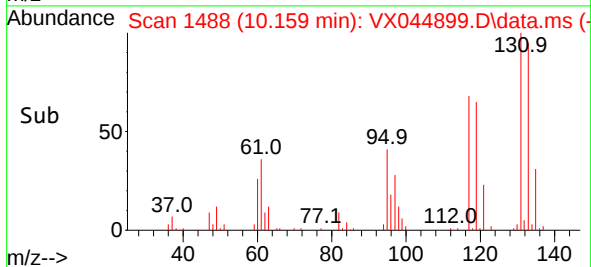
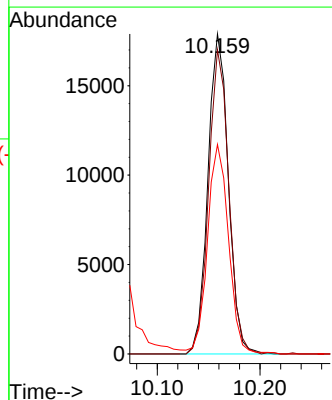
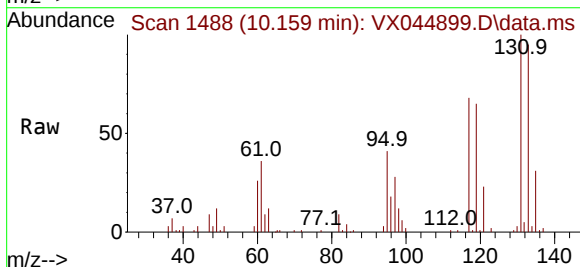
Instrument :  
MSVOA\_X  
ClientSampleId :

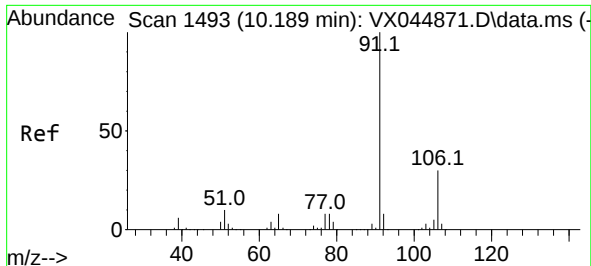
Tgt Ion:112 Resp: 78082  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.680 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion:131 Resp: 24656  
Ion Ratio Lower Upper  
131 100  
133 94.1 47.1 141.3  
119 67.5 33.6 100.6





#67

Ethyl Benzene

Concen: 18.813 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

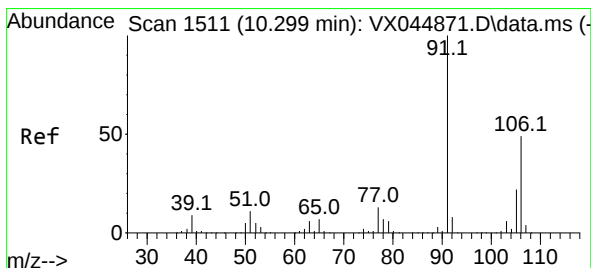
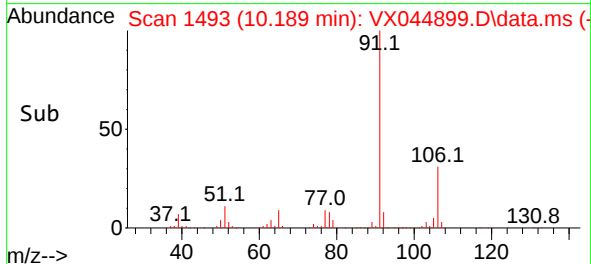
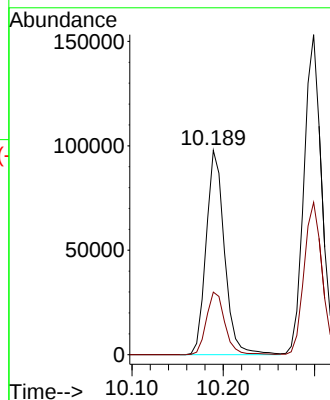
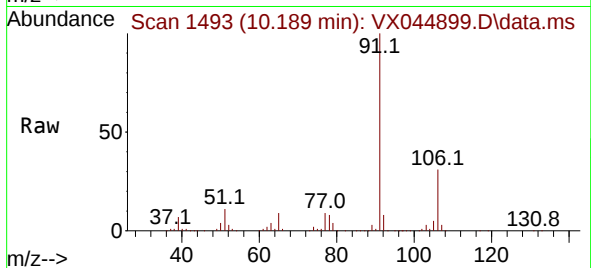
ClientSampleId :

Tgt Ion: 91 Resp: 136140

Ion Ratio Lower Upper

91 100

106 30.6 23.9 35.9



#68

m/p-Xylenes

Concen: 38.496 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044899.D

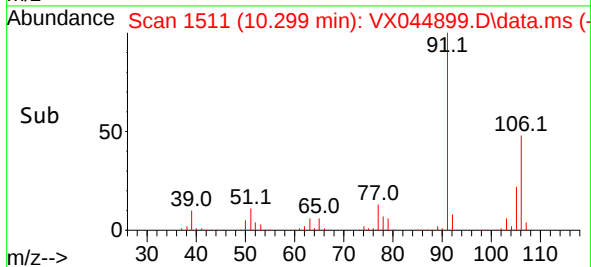
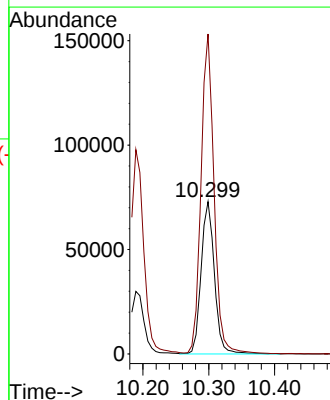
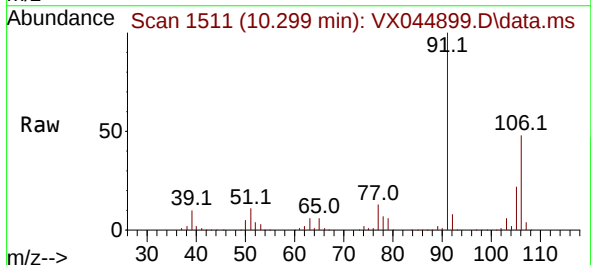
Acq: 11 Feb 2025 12:34

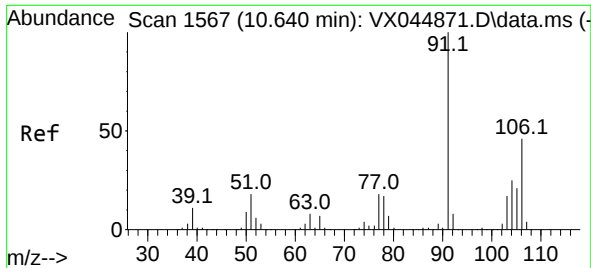
Tgt Ion: 106 Resp: 102762

Ion Ratio Lower Upper

106 100

91 204.8 164.3 246.5

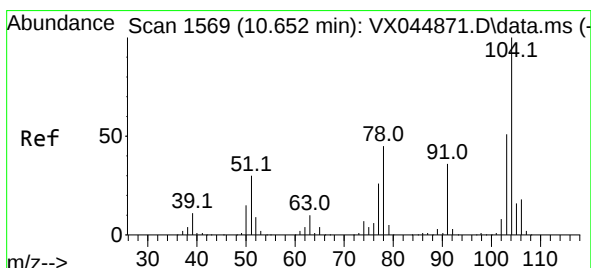
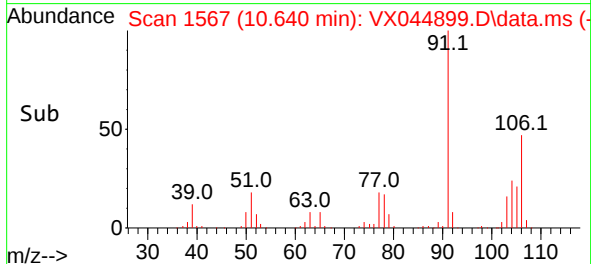
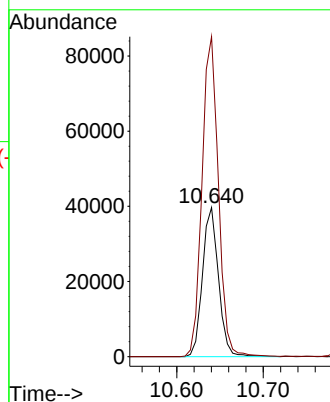
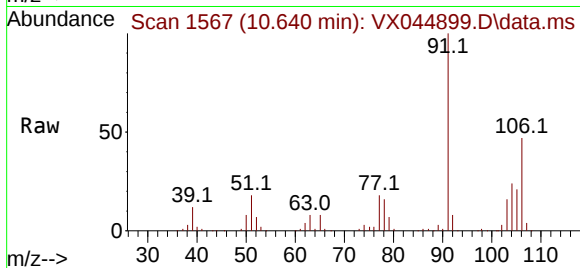




#69  
o-Xylene  
Concen: 19.024 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

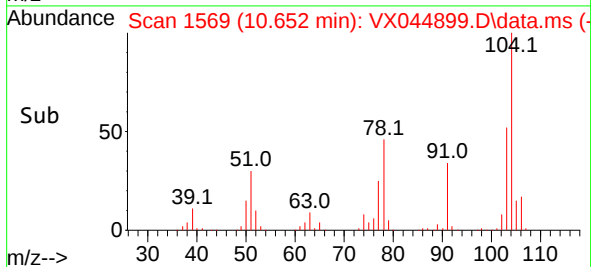
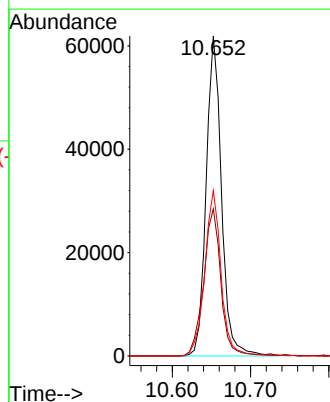
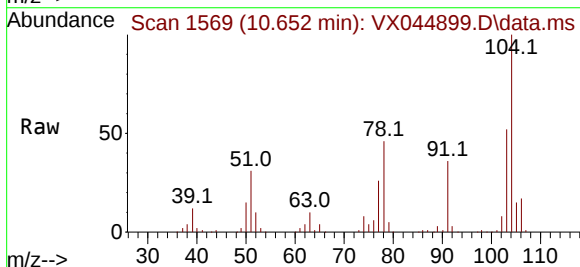
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:106 Resp: 50957  
Ion Ratio Lower Upper  
106 100  
91 219.6 108.5 325.5



#70  
Styrene  
Concen: 19.468 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion:104 Resp: 84014  
Ion Ratio Lower Upper  
104 100  
78 51.8 40.5 60.7  
103 55.4 43.6 65.4





#71

Bromoform

Concen: 18.601 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

ClientSampleId :

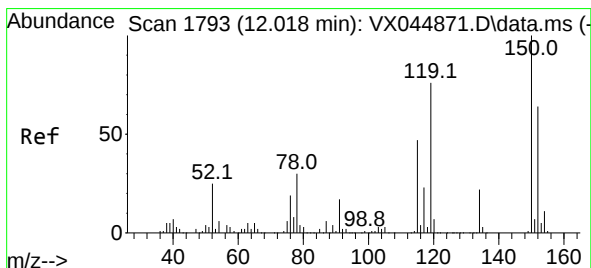
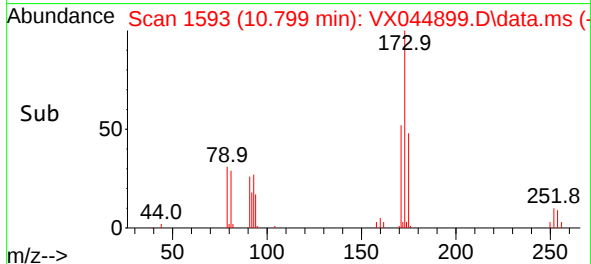
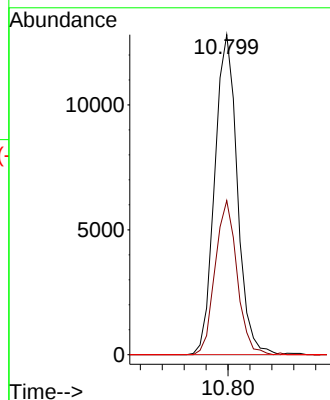
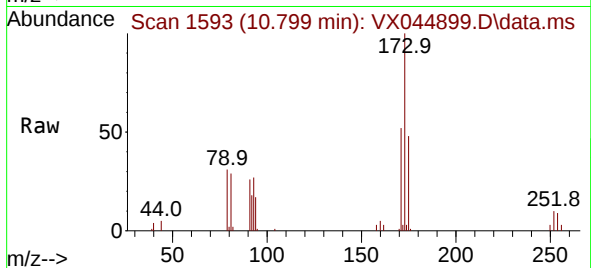
Tgt Ion:173 Resp: 18323

Ion Ratio Lower Upper

173 100

175 46.7 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

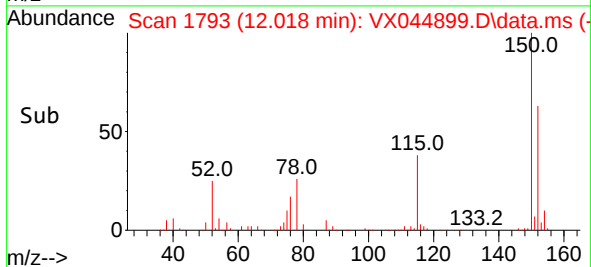
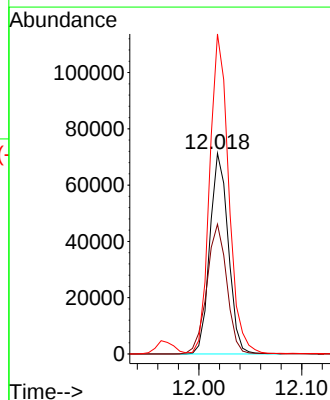
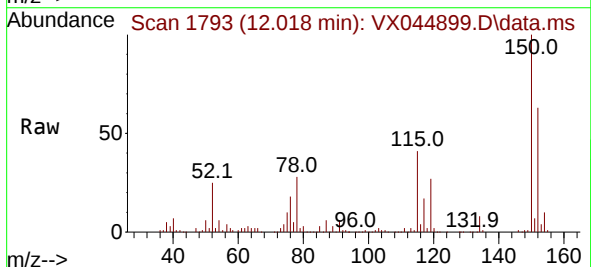
Tgt Ion:152 Resp: 88586

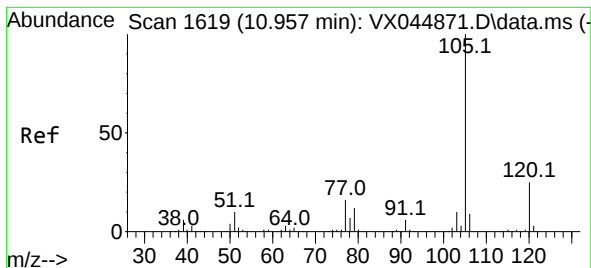
Ion Ratio Lower Upper

152 100

115 70.3 43.4 130.1

150 164.7 0.0 350.4





#73

Isopropylbenzene

Concen: 18.441 ug/l

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

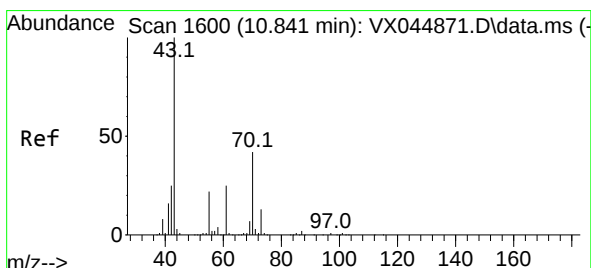
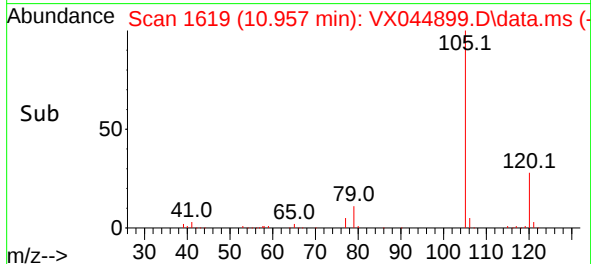
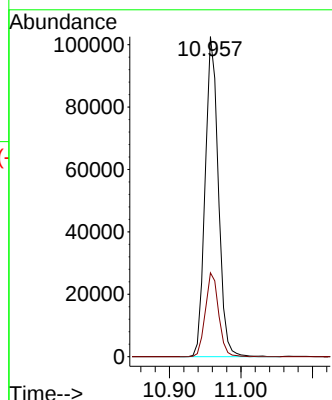
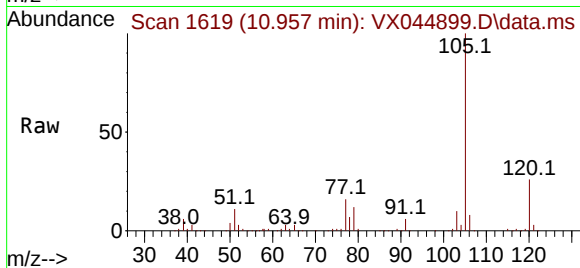
ClientSampleId :

Tgt Ion:105 Resp: 131537

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 18.653 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Tgt Ion: 43 Resp: 60206

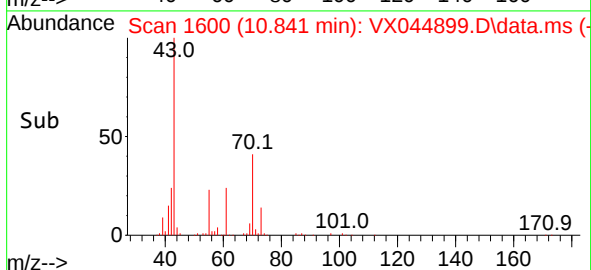
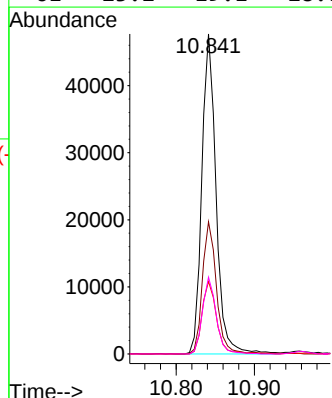
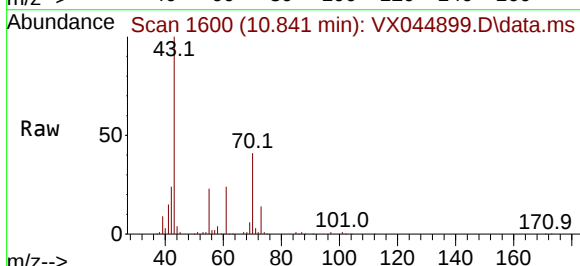
Ion Ratio Lower Upper

43 100

70 40.8 33.7 50.5

55 23.2 18.6 27.8

61 23.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.100 ug/l

RT: 11.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

ClientSampleId :

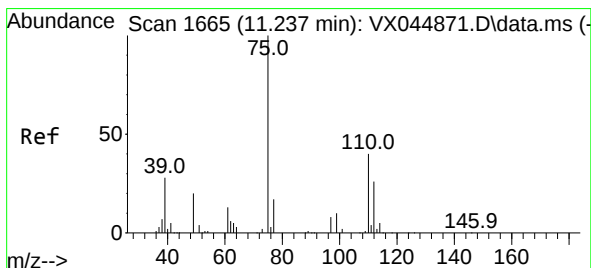
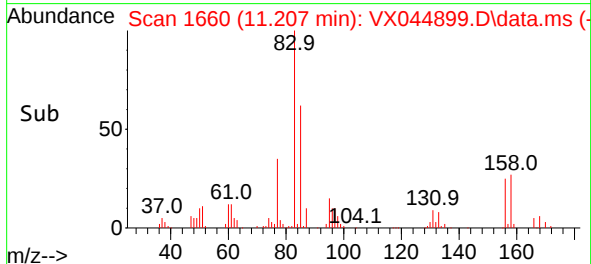
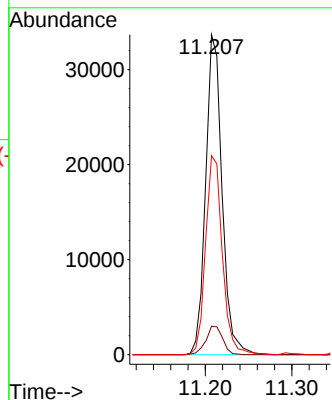
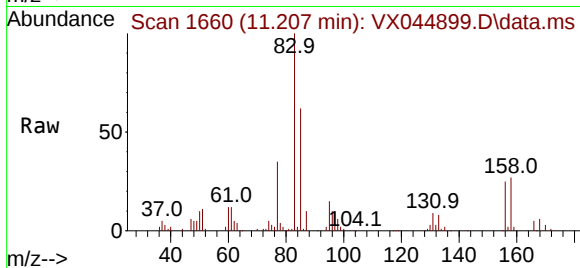
Tgt Ion: 83 Resp: 44365

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.5

85 63.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 22.966 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044899.D

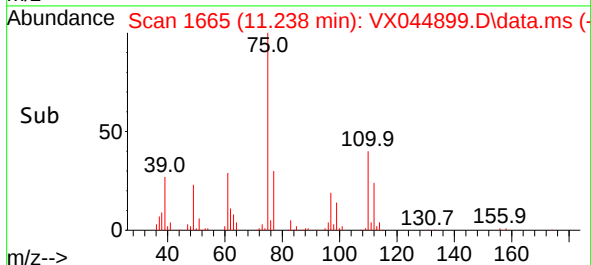
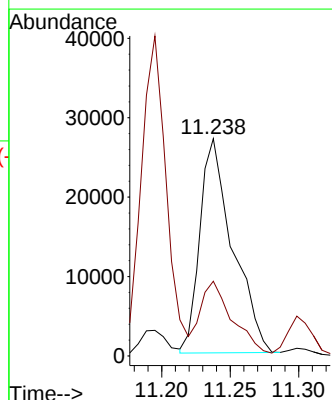
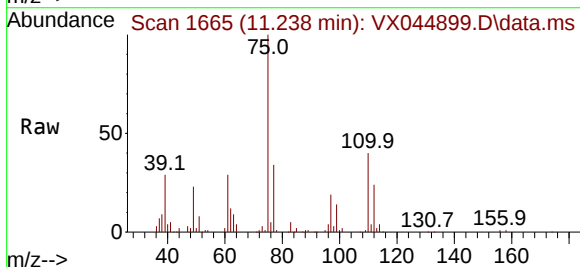
Acq: 11 Feb 2025 12:34

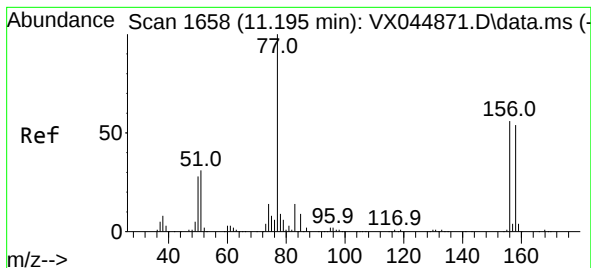
Tgt Ion: 75 Resp: 45108

Ion Ratio Lower Upper

75 100

77 34.4 21.9 65.7





#77

Bromobenzene

Concen: 18.668 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

ClientSampleId :

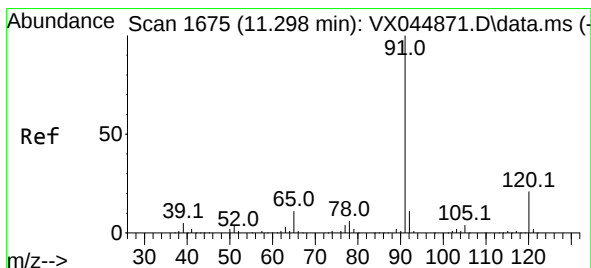
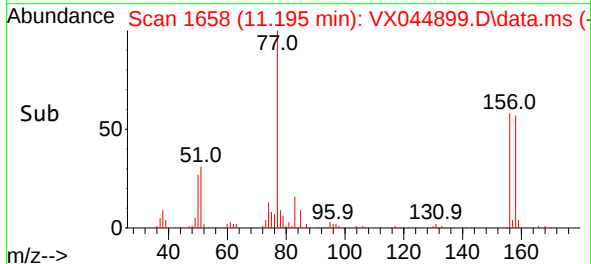
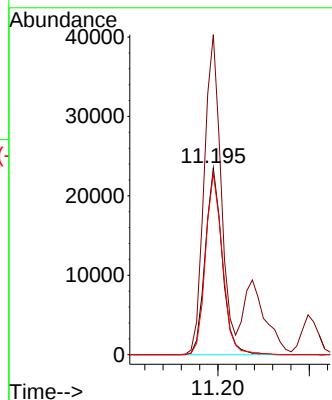
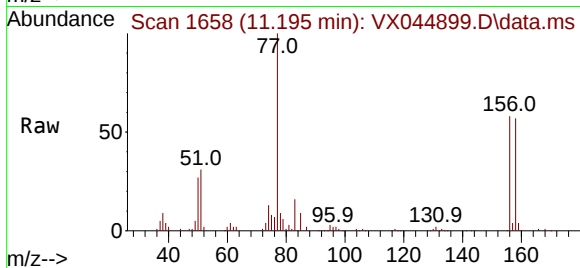
Tgt Ion:156 Resp: 30189

Ion Ratio Lower Upper

156 100

77 171.2 88.4 265.3

158 97.1 48.4 145.2



#78

n-propylbenzene

Concen: 18.124 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX044899.D

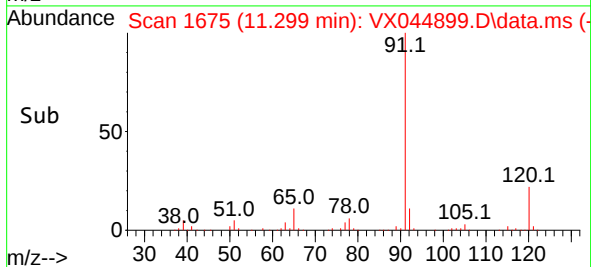
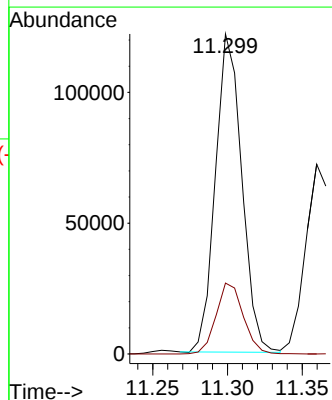
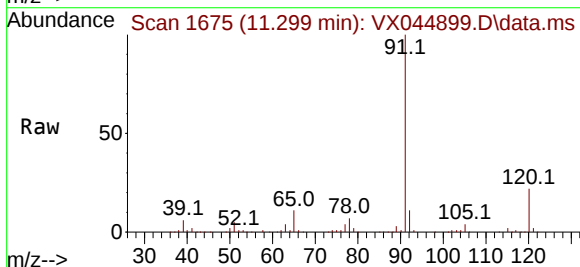
Acq: 11 Feb 2025 12:34

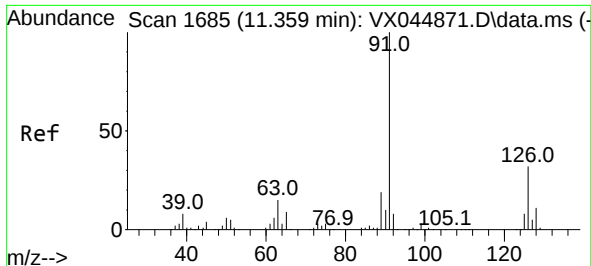
Tgt Ion: 91 Resp: 149214

Ion Ratio Lower Upper

91 100

120 23.0 11.1 33.3

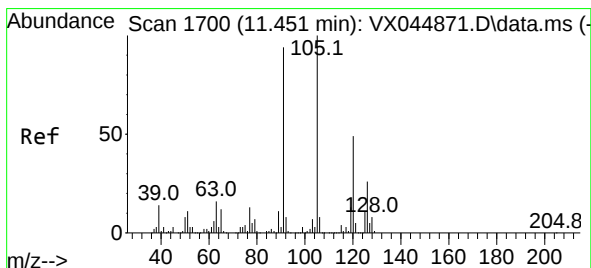
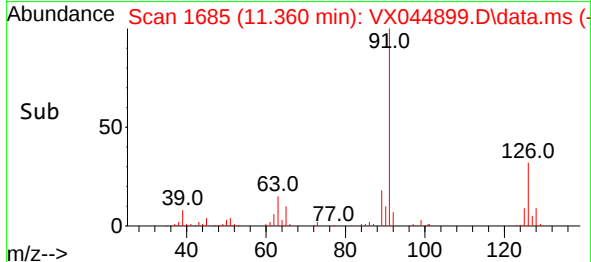
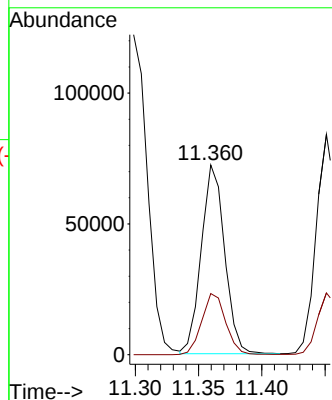
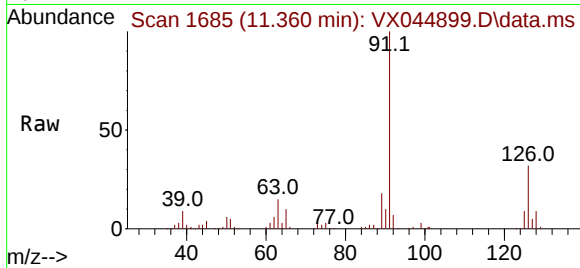




#79  
2-Chlorotoluene  
Concen: 18.364 ug/l  
RT: 11.360 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

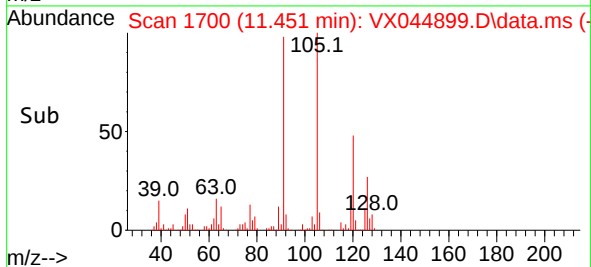
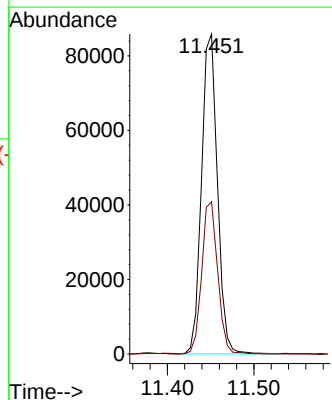
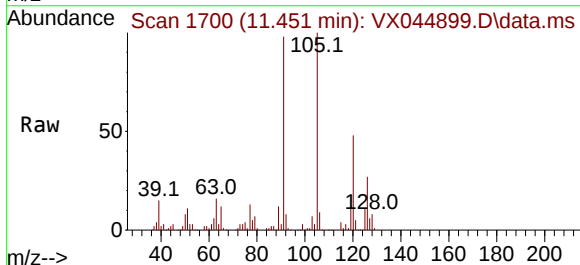
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 91 Resp: 92919  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 18.903 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion:105 Resp: 109418  
Ion Ratio Lower Upper  
105 100  
120 47.8 24.0 72.0

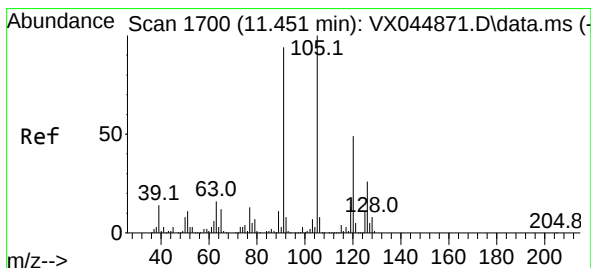
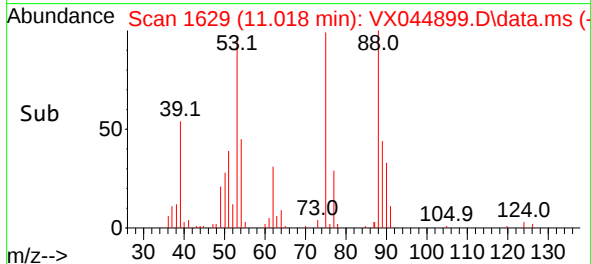
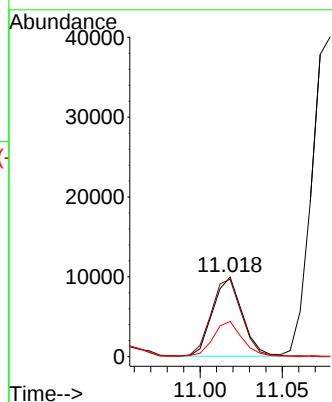
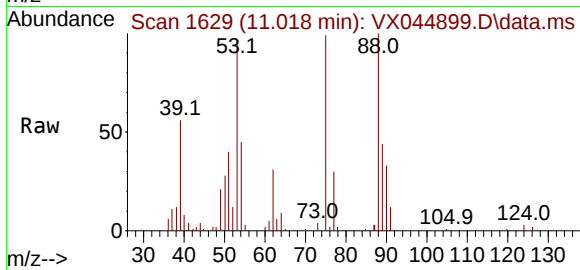




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 16.238 ug/l  
 RT: 11.018 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

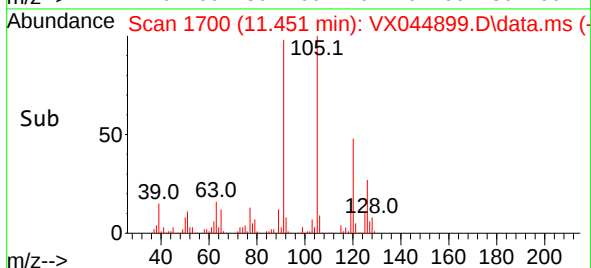
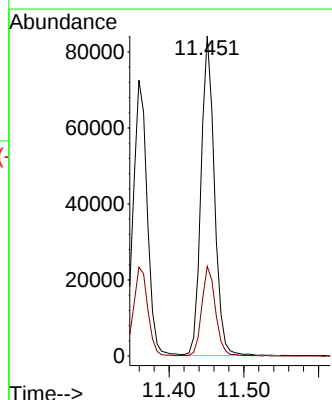
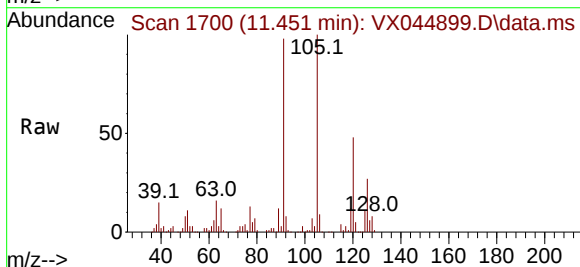
Instrument :  
 MSVOA\_X  
 ClientSampleId :

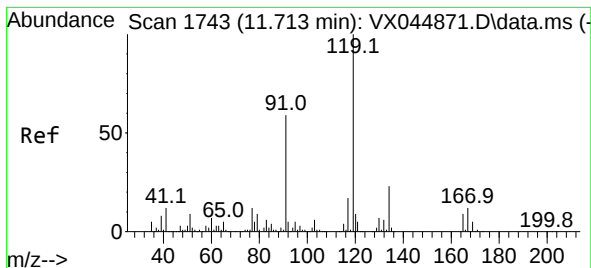
Tgt Ion: 75 Resp: 12398  
 Ion Ratio Lower Upper  
 75 100  
 53 104.0 78.0 117.0  
 89 44.5 36.6 54.8



#82  
 4-Chlorotoluene  
 Concen: 18.667 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

Tgt Ion: 91 Resp: 104500  
 Ion Ratio Lower Upper  
 91 100  
 126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.719 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

ClientSampleId :

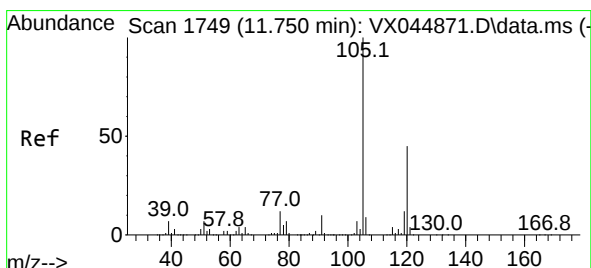
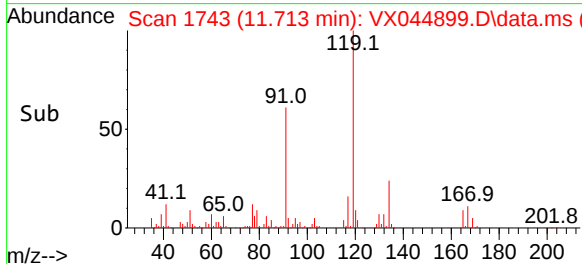
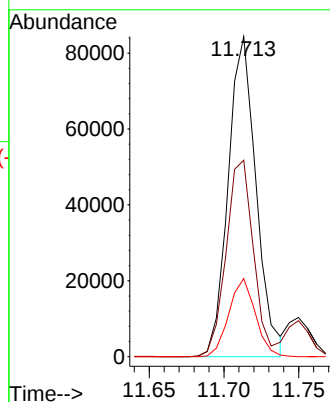
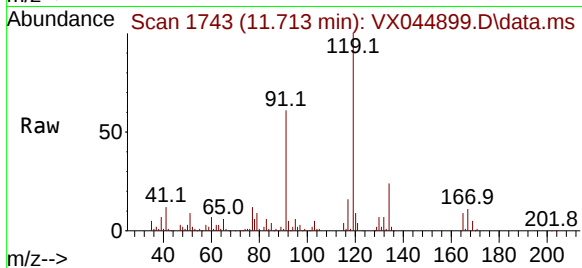
Tgt Ion:119 Resp: 109613

Ion Ratio Lower Upper

119 100

91 59.7 29.1 87.4

134 23.2 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 19.049 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044899.D

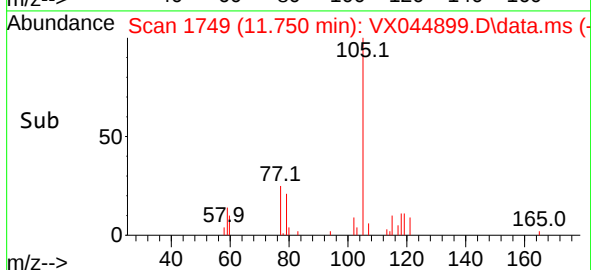
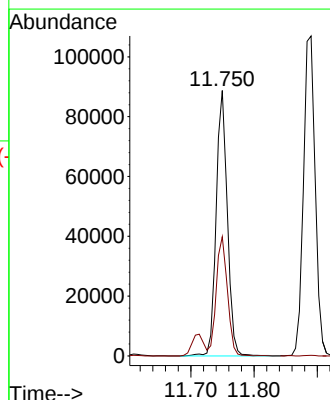
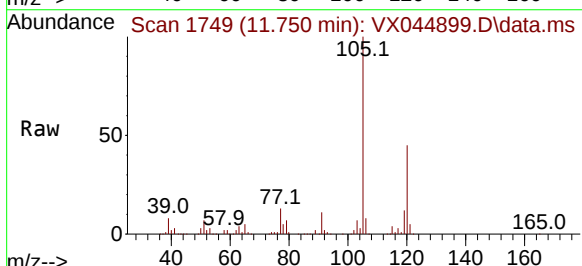
Acq: 11 Feb 2025 12:34

Tgt Ion:105 Resp: 108826

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.0

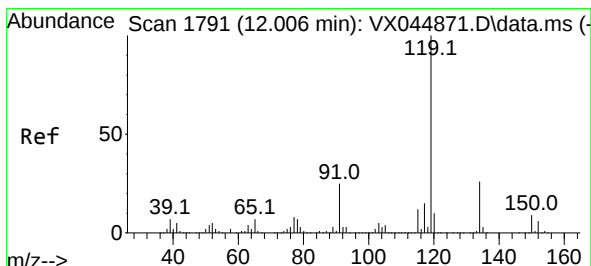
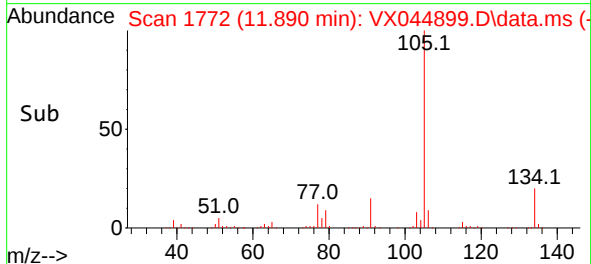
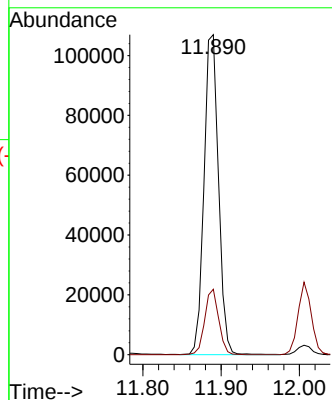
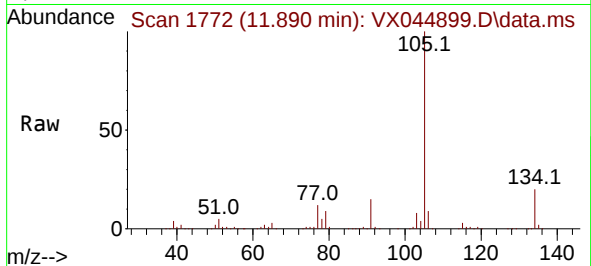




#85  
 sec-Butylbenzene  
 Concen: 18.912 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

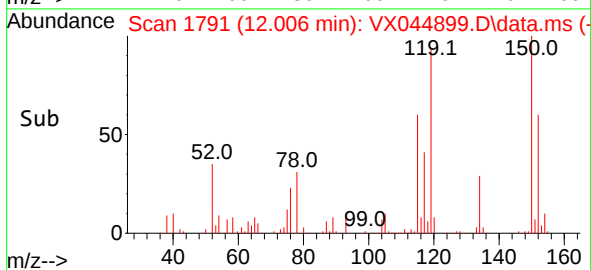
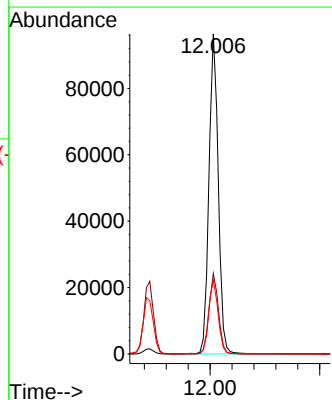
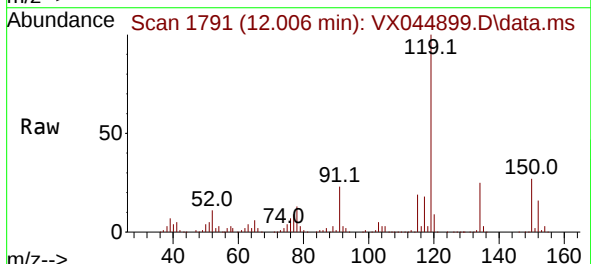
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:105 Resp: 137135  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 19.386 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX044899.D  
 Acq: 11 Feb 2025 12:34

Tgt Ion:119 Resp: 113044  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 13.0 38.9  
 91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.219 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

ClientSampleId :

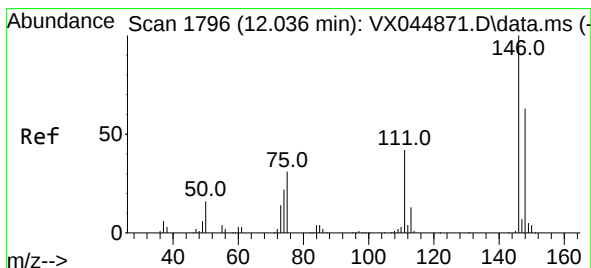
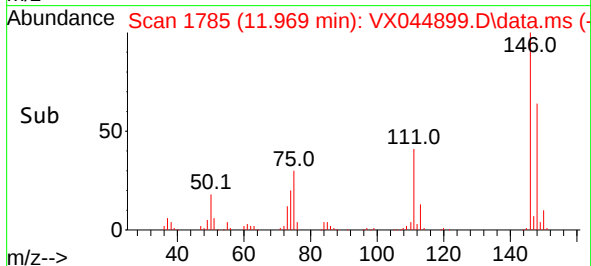
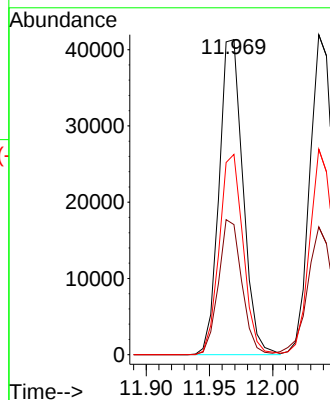
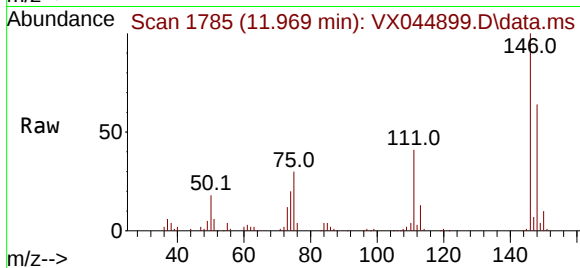
Tgt Ion:146 Resp: 54179

Ion Ratio Lower Upper

146 100

111 41.8 21.2 63.6

148 63.7 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 18.161 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

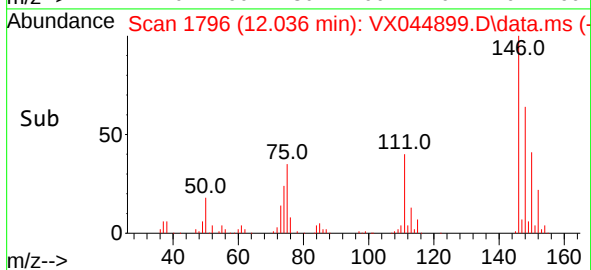
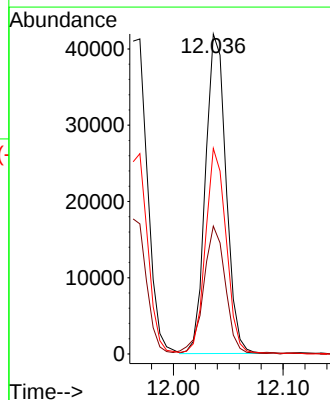
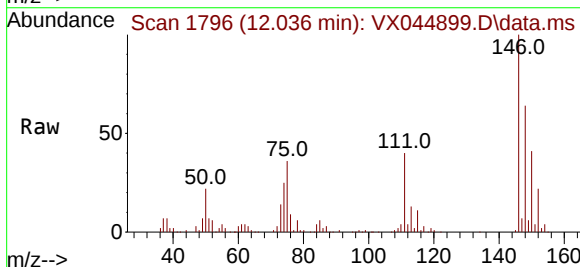
Tgt Ion:146 Resp: 54607

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.3

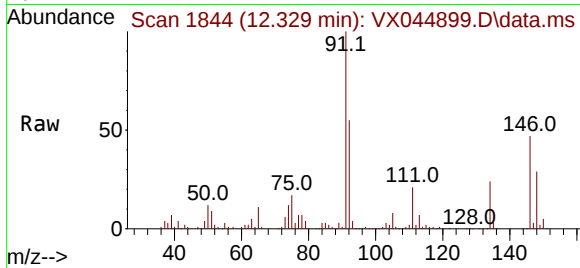
148 65.3 32.0 96.0



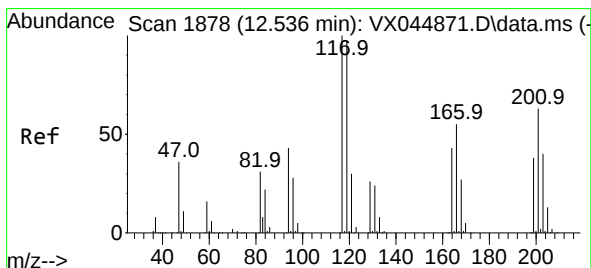
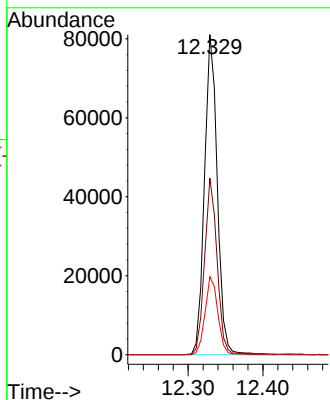
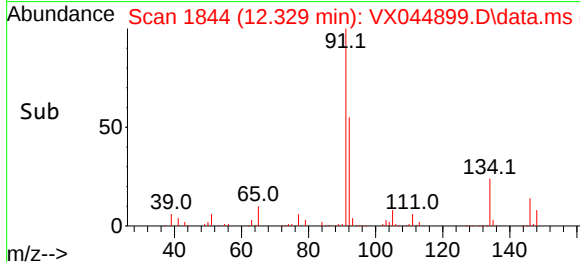


#89  
n-Butylbenzene  
Concen: 18.724 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Instrument :  
MSVOA\_X  
ClientSampleId :

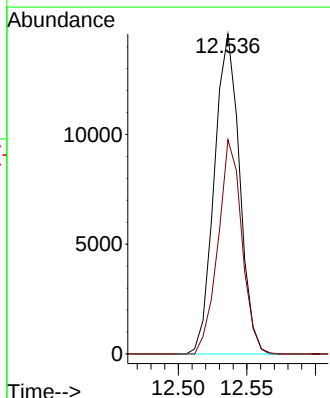
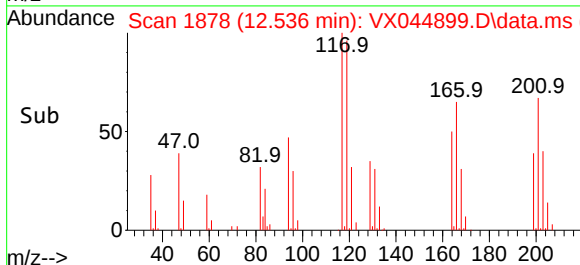
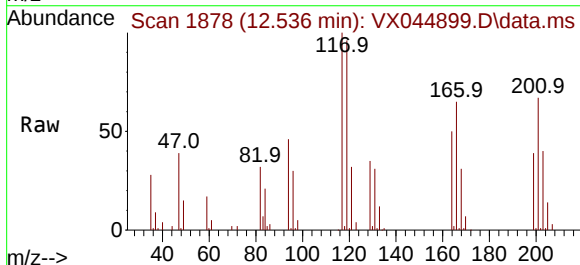


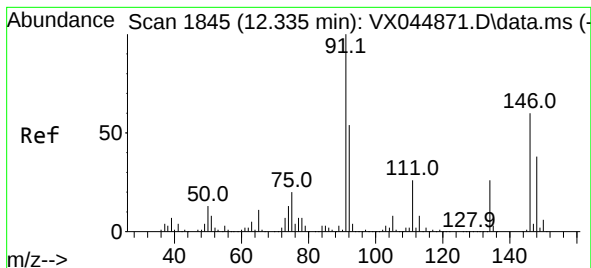
Tgt Ion: 91 Resp: 96595  
Ion Ratio Lower Upper  
91 100  
92 53.8 27.2 81.6  
134 24.3 12.1 36.3



#90  
Hexachloroethane  
Concen: 17.077 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 117 Resp: 18645  
Ion Ratio Lower Upper  
117 100  
201 63.5 32.5 97.5

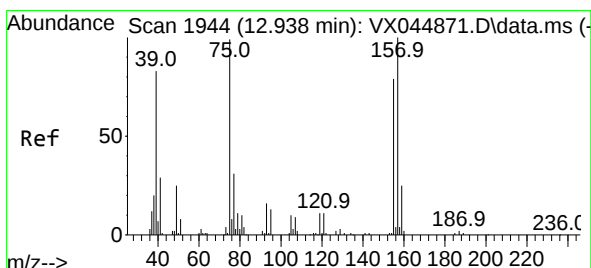
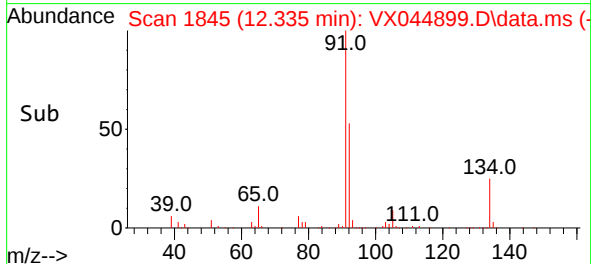
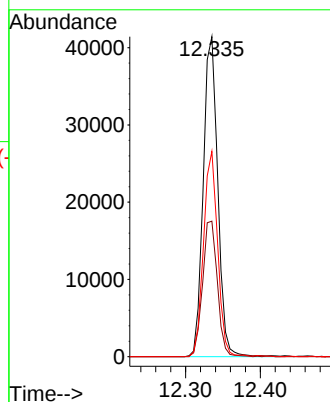
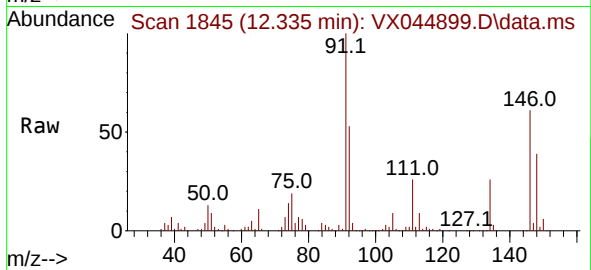




#91  
1,2-Dichlorobenzene  
Concen: 19.128 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

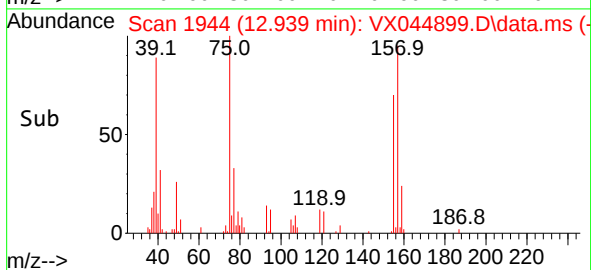
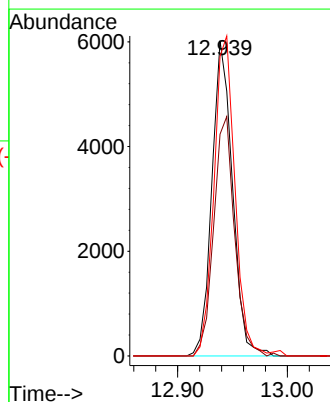
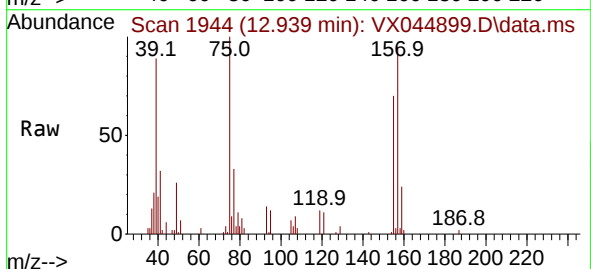
Instrument :  
MSVOA\_X  
ClientSampleId :

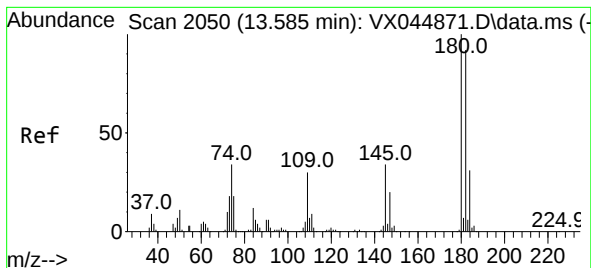
Tgt Ion:146 Resp: 55906  
Ion Ratio Lower Upper  
146 100  
111 43.1 21.8 65.4  
148 62.3 31.9 95.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.521 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion: 75 Resp: 7838  
Ion Ratio Lower Upper  
75 100  
155 77.4 40.5 121.4  
157 104.1 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 17.143 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

Instrument :

MSVOA\_X

ClientSampleId :

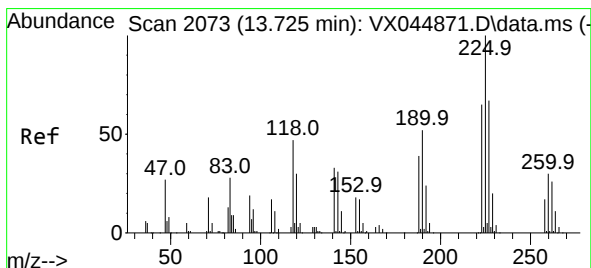
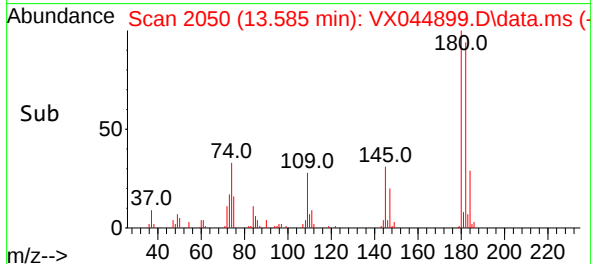
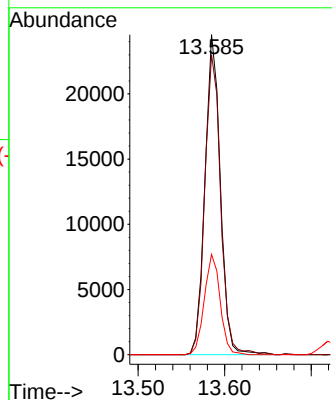
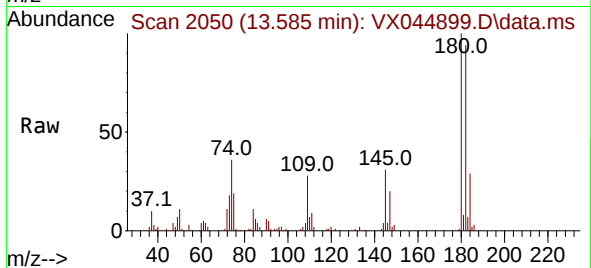
Tgt Ion:180 Resp: 30318

Ion Ratio Lower Upper

180 100

182 96.5 47.6 142.8

145 32.1 16.4 49.1



#94

Hexachlorobutadiene

Concen: 17.937 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX044899.D

Acq: 11 Feb 2025 12:34

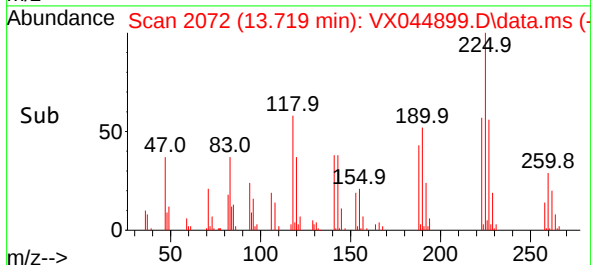
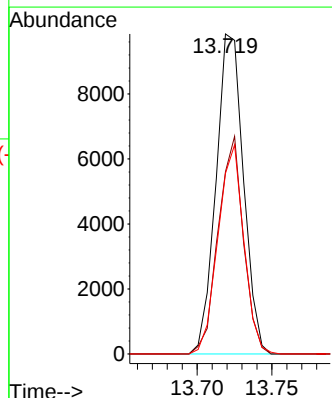
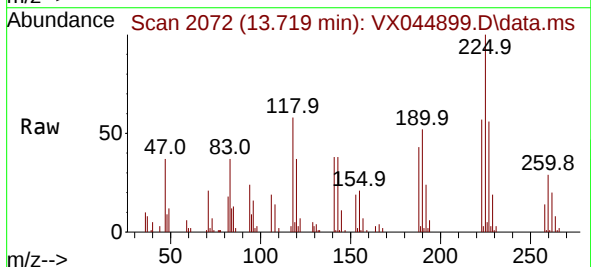
Tgt Ion:225 Resp: 12593

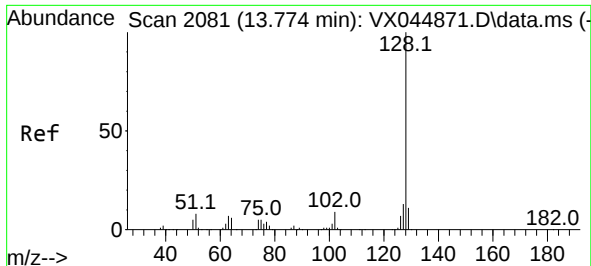
Ion Ratio Lower Upper

225 100

223 62.2 31.4 94.2

227 61.3 32.3 96.8

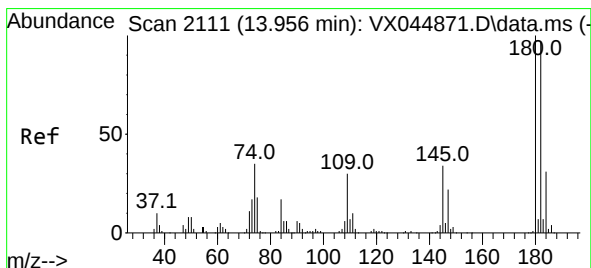
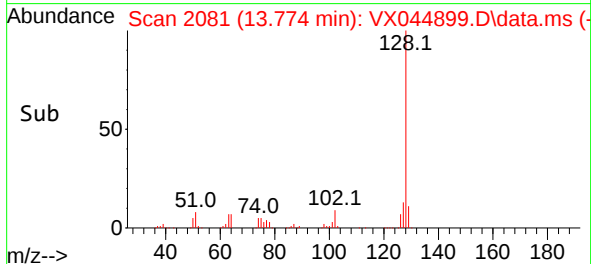
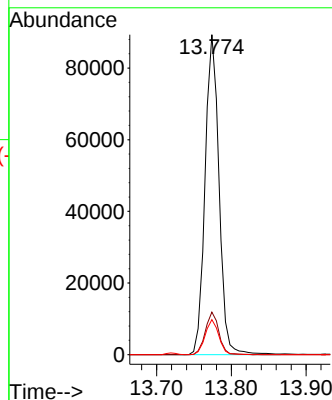
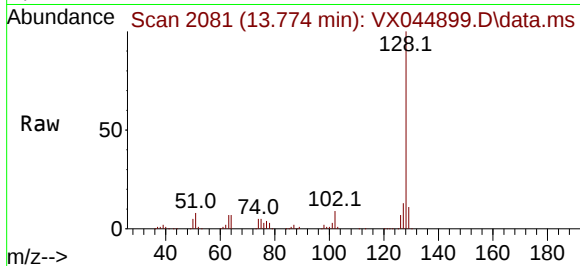




#95  
Naphthalene  
Concen: 18.141 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:128 Resp: 115974  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.1 15.1  
129 10.7 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 17.220 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: VX044899.D  
Acq: 11 Feb 2025 12:34

Tgt Ion:180 Resp: 30688  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.9 143.6  
145 35.3 17.1 51.3

