

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100725\  
 Data File : VX048053.D  
 Acq On : 07 Oct 2025 17:22  
 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 08 02:17:18 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X100725W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Oct 08 02:15:43 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                        |                |      |                      |         |        |          |
| Internal Standards           |                |      |                      |         |        |          |
| 1) Bromochloromethane        | 4.885          | 128  | 13631                | 30.000  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.751          | 114  | 168414               | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.037         | 117  | 155085               | 30.000  | ug/l   | 0.00     |
|                              |                |      |                      |         |        |          |
| System Monitoring Compounds  |                |      |                      |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.946          | 65   | 79773                | 67.851  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = 226.167%# |         |        |          |
| 60) 4-Bromofluorobenzene     | 11.061         | 95   | 77587                | 29.747  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = 99.167%   |         |        |          |
| 63) Toluene-d8               | 8.635          | 98   | 208838               | 30.182  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = 100.600%  |         |        |          |
|                              |                |      |                      |         |        |          |
| Target Compounds             |                |      |                      |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173          | 85   | 42408                | 45.319  | ug/l   | 100      |
| 3) Chloromethane             | 1.301          | 50   | 46876                | 47.842  | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.380          | 62   | 46976                | 49.196  | ug/l   | 100      |
| 5) Bromomethane              | 1.624          | 94   | 27478                | 48.973  | ug/l   | 100      |
| 6) Chloroethane              | 1.697          | 64   | 29365                | 51.744  | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.898          | 101  | 64248                | 47.718  | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136          | 74   | 25029                | 51.472  | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.337          | 101  | 33738                | 39.725  | ug/l   | 100      |
| 10) 1,1-Dichloroethene       | 2.325          | 96   | 38006                | 44.367  | ug/l   | 100      |
| 12) Methyl Acetate           | 2.703          | 43   | 45227                | 45.568  | ug/l   | 100      |
| 13) Acrolein                 | 2.239          | 56   | 36327                | 297.988 | ug/l   | 100      |
| 14) Acrylonitrile            | 3.062          | 53   | 106577               | 236.424 | ug/l   | 100      |
| 15) Acetone                  | 2.380          | 58   | 25509                | 244.085 | ug/l   | 100      |
| 16) Carbon Disulfide         | 2.520          | 76   | 118030               | 48.421  | ug/l   | 100      |
| 17) Allyl chloride           | 2.666          | 41   | 68216                | 44.108  | ug/l   | 100      |
| 18) Methylene Chloride       | 2.788          | 84   | 45369                | 47.248  | ug/l   | 100      |
| 19) trans-1,2-Dichloroethene | 3.093          | 96   | 41735                | 46.388  | ug/l   | 100      |
| 20) Diisopropyl ether        | 3.751          | 45   | 148782               | 49.224  | ug/l   | 100      |
| 21) 1,1-Dichloroethane       | 3.605          | 63   | 79425                | 46.633  | ug/l   | 100      |
| 22) cis-1,2-Dichloroethene   | 4.483          | 96   | 47535                | 45.785  | ug/l   | 100      |
| 23) tert-Butyl Alcohol       | 2.947          | 59   | 25432                | 263.719 | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.111          | 73   | 132923               | 49.216  | ug/l   | 100      |
| 25) Chloroform               | 5.080          | 83   | 81206                | 46.459  | ug/l   | 100      |
| 26) Cyclohexane              | 5.464          | 56   | 62923                | 41.939  | ug/l # | 100      |
| 29) 1,1-Dichloropropene      | 5.684          | 75   | 52325                | 20.168  | ug/l   | 100      |
| 30) 2-Butanone               | 4.544          | 43   | 128092               | 108.125 | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 4.471          | 77   | 55840                | 23.092  | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 67692                | 20.857  | ug/l   | 100      |
| 33) Carbon Tetrachloride     | 5.672          | 117  | 46865                | 16.780  | ug/l   | 90       |
| 34) Benzene                  | 6.025          | 78   | 167918               | 21.584  | ug/l   | 100      |
| 35) Methacrylonitrile        | 4.910          | 41   | 30610                | 21.038  | ug/l   | 100      |
| 36) 1,2-Dichloroethane       | 6.074          | 62   | 63255                | 21.629  | ug/l   | 100      |
| 37) Trichloroethene          | 7.117          | 130  | 39214                | 20.272  | ug/l   | 100      |
| 38) Methylcyclohexane        | 7.367          | 83   | 56680                | 17.566  | ug/l   | 100      |
| 39) 1,2-Dichloropropane      | 7.415          | 63   | 42756                | 21.865  | ug/l   | 100      |
| 40) Dibromomethane           | 7.568          | 93   | 32390                | 22.128  | ug/l   | 100      |
| 41) Bromodichloromethane     | 7.806          | 83   | 64387                | 21.788  | ug/l   | 100      |
| 42) Vinyl Acetate            | 3.715          | 43   | 596070               | 112.197 | ug/l   | 100      |
| 43) Ethyl Acetate            | 4.702          | 43   | 54228                | 21.559  | ug/l   | 100      |

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 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

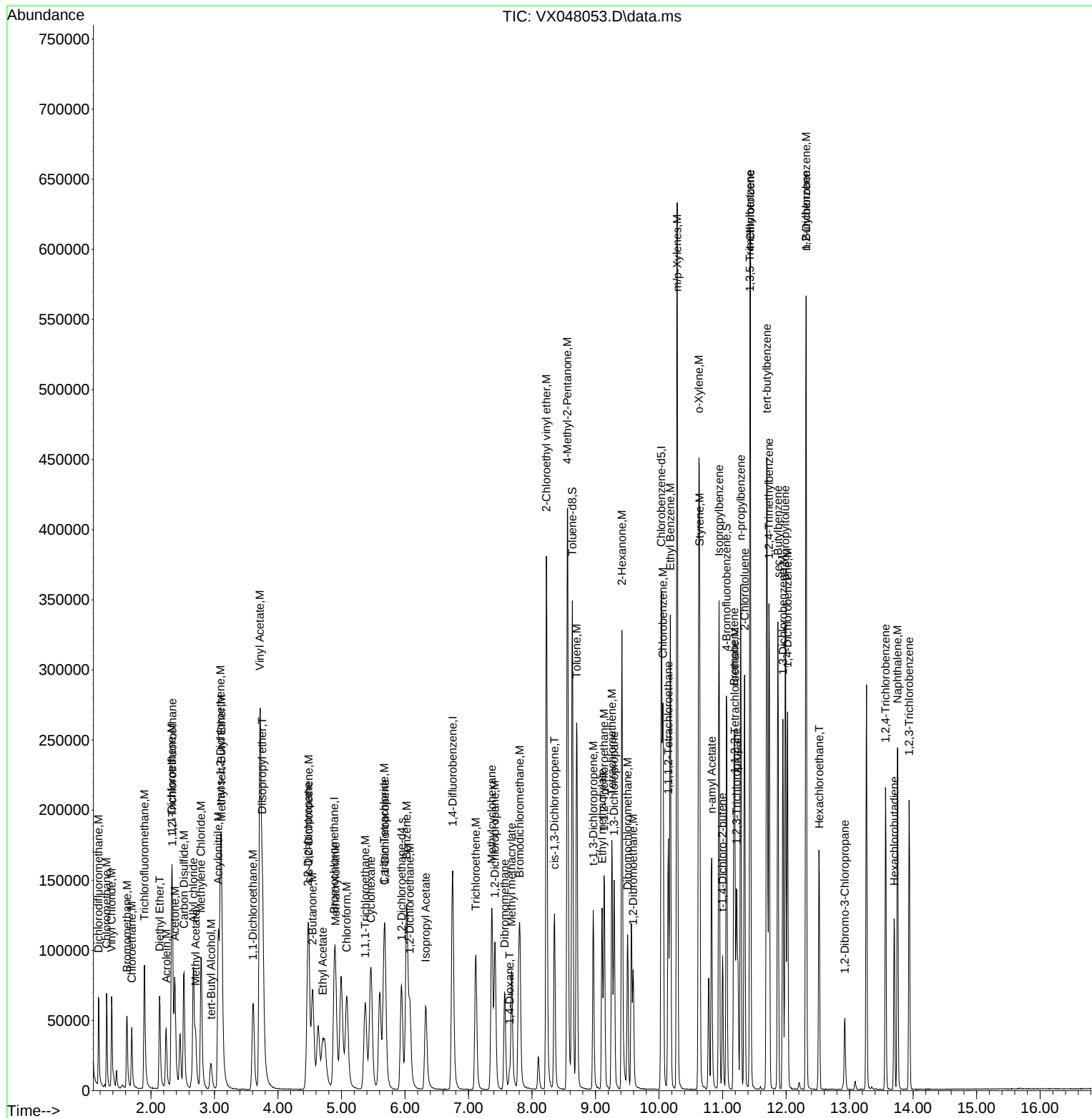
Instrument :  
 MSVOA\_X  
 ClientSampleId :

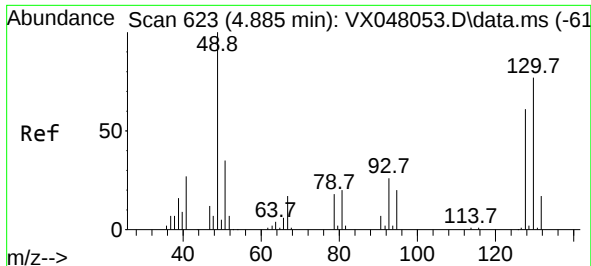
Quant Time: Oct 08 02:17:18 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X100725W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Oct 08 02:15:43 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 44) Isopropyl Acetate         | 6.324  | 43   | 91661    | 22.803  | ug/l   | 100      |
| 45) 1,4-Dioxane               | 7.647  | 88   | 11186    | 449.369 | ug/l   | 100      |
| 46) Methyl methacrylate       | 7.677  | 41   | 45337    | 21.277  | ug/l   | 100      |
| 47) n-amyl Acetate            | 10.829 | 43   | 76957    | 21.174  | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 8.964  | 75   | 61692    | 22.553  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 8.354  | 75   | 67709    | 22.397  | ug/l   | 100      |
| 50) 1,1,2-Trichloroethane     | 9.135  | 97   | 41199    | 22.308  | ug/l   | 100      |
| 51) Ethyl methacrylate        | 9.104  | 69   | 59012    | 21.138  | ug/l   | 100      |
| 52) 1,3-Dichloropropane       | 9.293  | 76   | 71049    | 22.213  | ug/l   | 100      |
| 53) Dibromochloromethane      | 9.506  | 129  | 26062    | 12.837  | ug/l # | 1        |
| 54) 1,2-Dibromoethane         | 9.592  | 107  | 41877    | 21.614  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 8.226  | 63   | 155938   | 108.003 | ug/l   | 100      |
| 58) 4-Methyl-2-Pentanone      | 8.555  | 43   | 282895   | 110.969 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.415  | 43   | 192549   | 107.980 | ug/l   | 100      |
| 61) Tetrachloroethene         | 9.256  | 164  | 32166    | 20.059  | ug/l   | 100      |
| 62) Toluene                   | 8.702  | 91   | 177232   | 21.178  | ug/l   | 100      |
| 64) Chlorobenzene             | 10.061 | 112  | 112344   | 20.772  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 10.147 | 131  | 39495    | 21.595  | ug/l   | 100      |
| 66) Ethyl Benzene             | 10.177 | 91   | 188474   | 19.943  | ug/l   | 100      |
| 67) m/p-Xylenes               | 10.287 | 106  | 146341   | 41.542  | ug/l   | 100      |
| 68) o-Xylene                  | 10.628 | 106  | 68521    | 20.294  | ug/l   | 100      |
| 69) Styrene                   | 10.640 | 104  | 123486   | 21.193  | ug/l   | 100      |
| 70) Isopropylbenzene          | 10.945 | 105  | 176649   | 19.634  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 58107    | 21.588  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 11.220 | 75   | 61962    | 27.270  | ug/l   | 88       |
| 73) Bromobenzene              | 11.183 | 156  | 43573    | 20.404  | ug/l   | 100      |
| 74) n-propylbenzene           | 11.287 | 91   | 211688   | 19.706  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 11.348 | 91   | 132003   | 20.381  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 147370   | 19.753  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 11.000 | 75   | 16356    | 21.147  | ug/l   | 100      |
| 78) 4-Chlorotoluene           | 11.439 | 91   | 155329   | 20.713  | ug/l   | 100      |
| 79) tert-butylbenzene         | 11.695 | 119  | 139219   | 18.890  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 148602   | 20.097  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.872 | 105  | 175061   | 18.629  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 11.988 | 119  | 145556   | 18.852  | ug/l   | 100      |
| 83) 1,3-Dichlorobenzene       | 11.951 | 146  | 81057    | 20.470  | ug/l   | 100      |
| 84) 1,4-Dichlorobenzene       | 12.024 | 146  | 82713    | 20.747  | ug/l   | 100      |
| 85) n-Butylbenzene            | 12.317 | 91   | 133823   | 18.156  | ug/l   | 100      |
| 86) Hexachloroethane          | 12.524 | 117  | 11272    | 8.908   | ug/l   | 74       |
| 87) 1,2-Dichlorobenzene       | 12.317 | 146  | 78904    | 20.695  | ug/l   | 100      |
| 88) 1,2-Dibromo-3-Chloropr... | 12.927 | 75   | 10652    | 19.496  | ug/l   | 100      |
| 89) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 46137    | 18.706  | ug/l   | 100      |
| 90) Hexachlorobutadiene       | 13.707 | 225  | 14017    | 13.713  | ug/l   | 100      |
| 91) Naphthalene               | 13.756 | 128  | 140259   | 18.019  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.939 | 180  | 43739    | 18.219  | ug/l   | 100      |

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

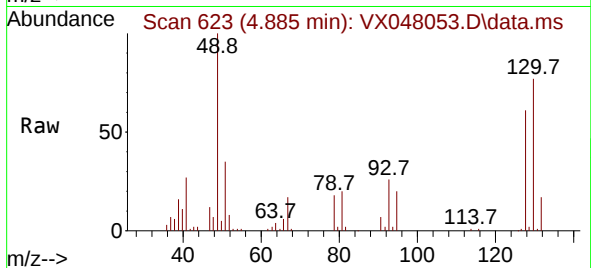
Quant Time: Oct 08 02:17:18 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X100725W.M  
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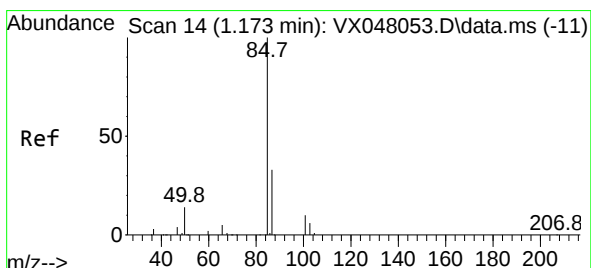
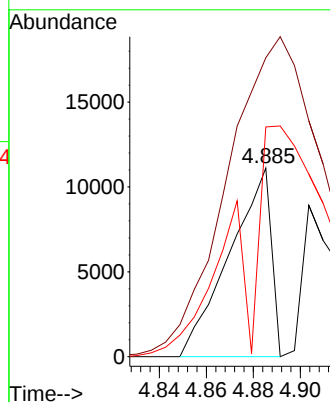
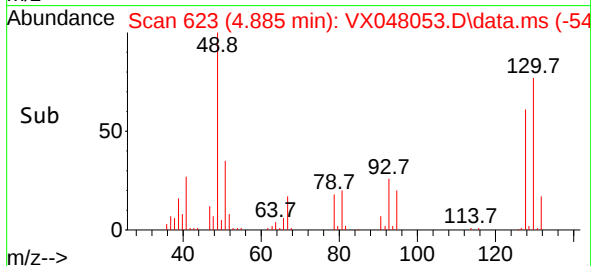


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.885 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

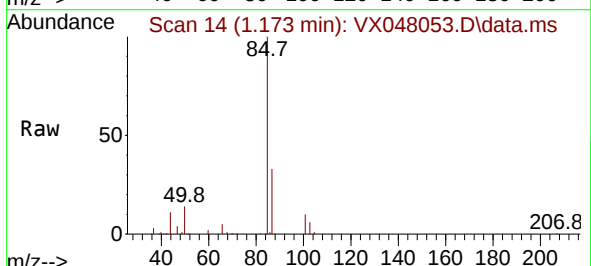
Instrument :  
MSVOA\_X  
ClientSampleId :



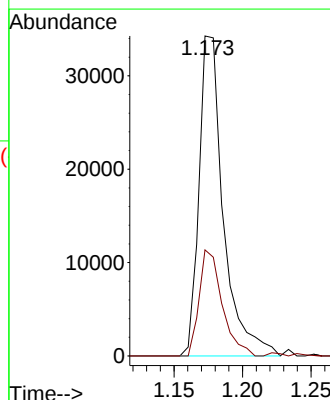
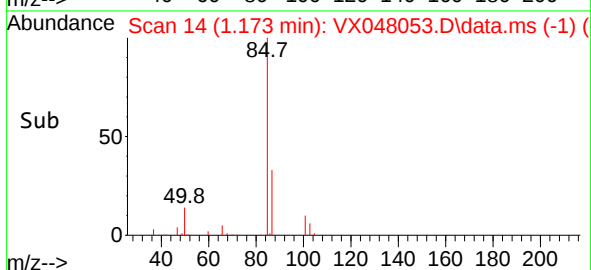
Tgt Ion:128 Resp: 13631  
Ion Ratio Lower Upper  
128 100  
49 434.6 0.0 601.2  
130 206.8 0.0 286.0

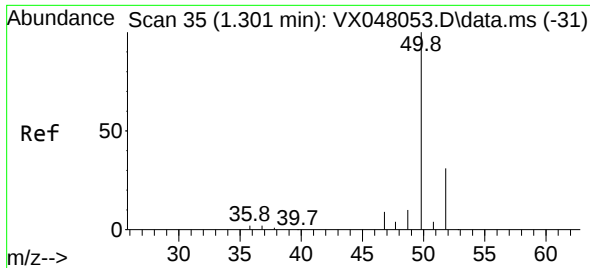


#2  
Dichlorodifluoromethane  
Concen: 45.319 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22



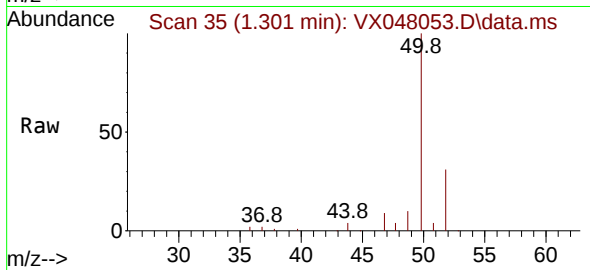
Tgt Ion: 85 Resp: 42408  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.6 49.8



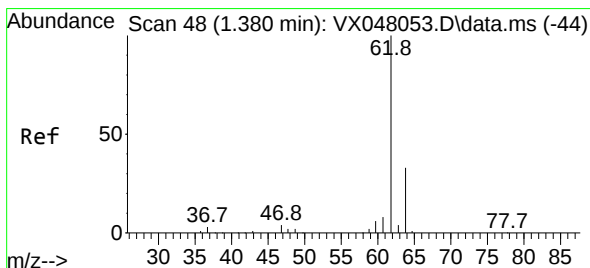
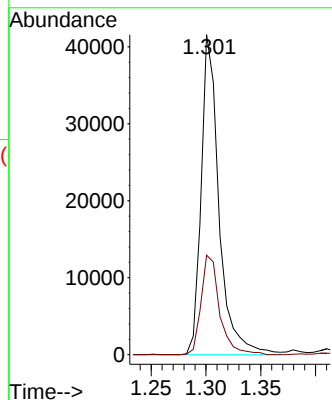
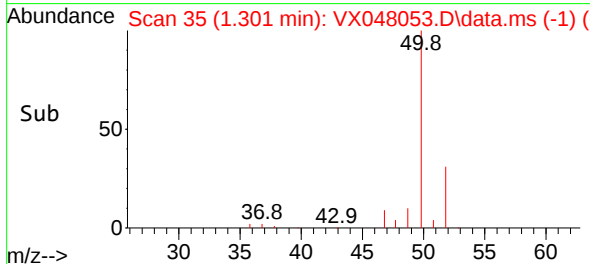


#3  
Chloromethane  
Concen: 47.842 ug/l  
RT: 1.301 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Instrument :  
MSVOA\_X  
ClientSampleId :

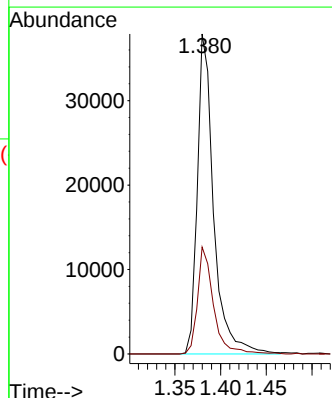
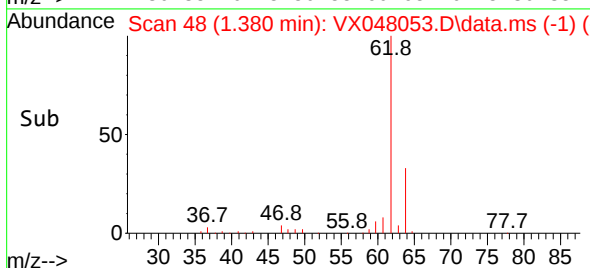
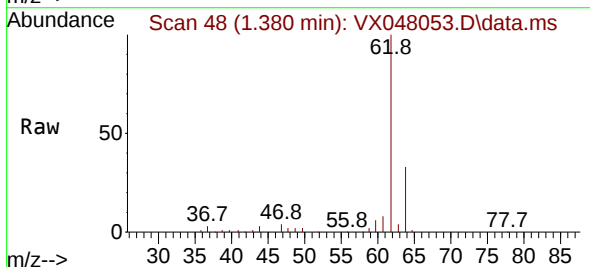


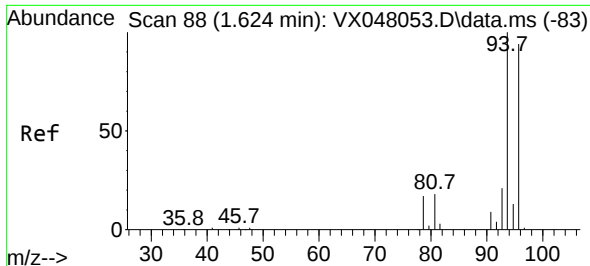
Tgt Ion: 50 Resp: 46876  
Ion Ratio Lower Upper  
50 100  
52 31.1 24.9 37.3



#4  
Vinyl Chloride  
Concen: 49.196 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 62 Resp: 46976  
Ion Ratio Lower Upper  
62 100  
64 34.3 27.4 41.2

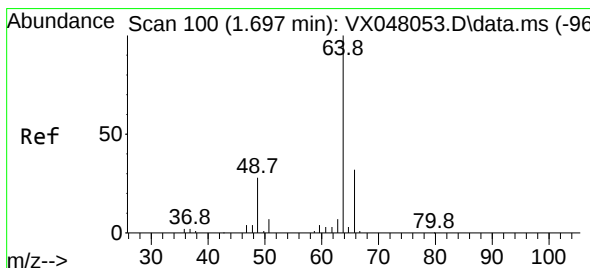
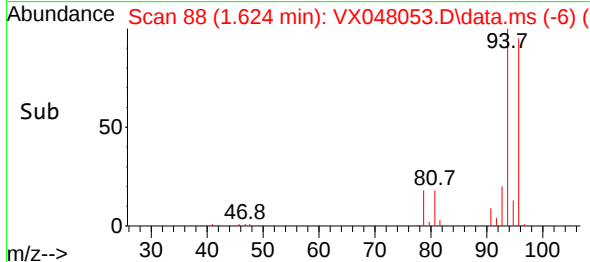
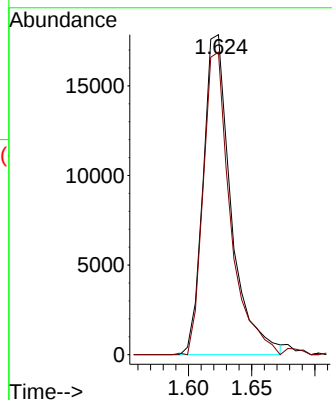
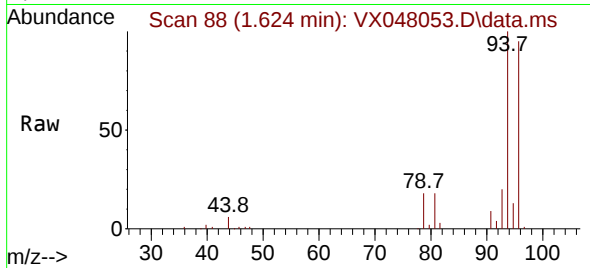




#5  
Bromomethane  
Concen: 48.973 ug/l  
RT: 1.624 min Scan# 88  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

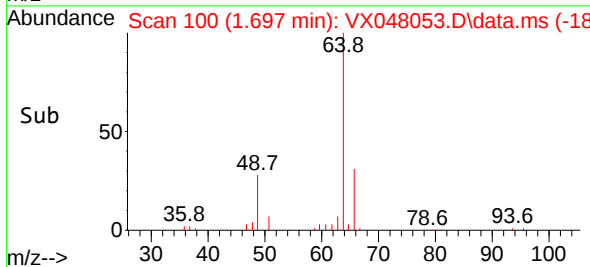
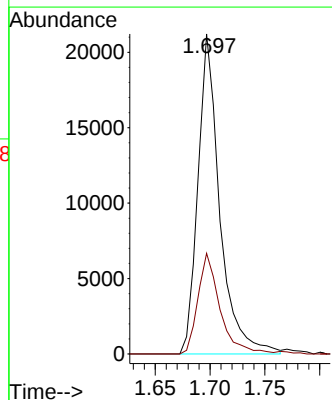
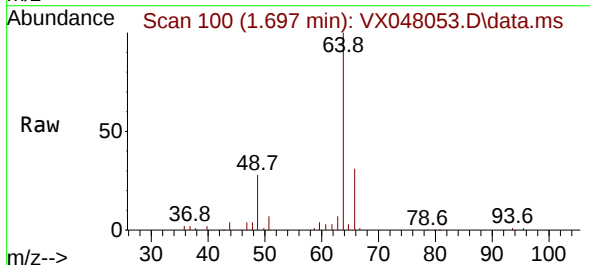
Instrument :  
MSVOA\_X  
ClientSampleId :

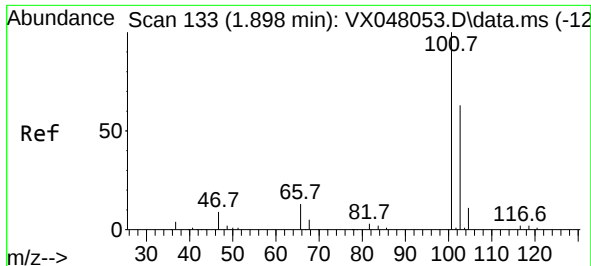
Tgt Ion: 94 Resp: 27478  
Ion Ratio Lower Upper  
94 100  
96 84.7 67.8 101.6



#6  
Chloroethane  
Concen: 51.744 ug/l  
RT: 1.697 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 64 Resp: 29365  
Ion Ratio Lower Upper  
64 100  
66 31.1 24.9 37.3

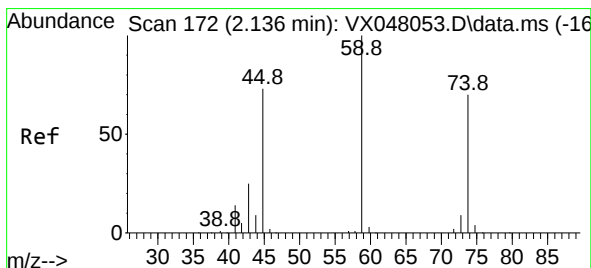
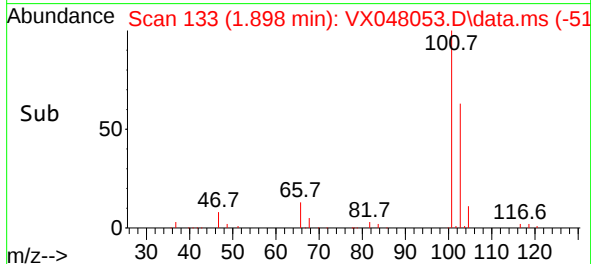
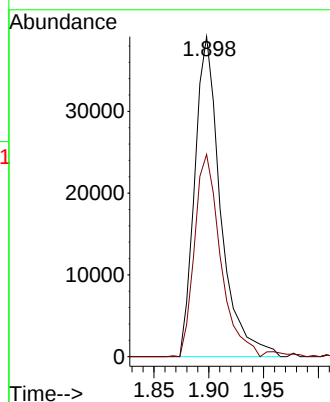
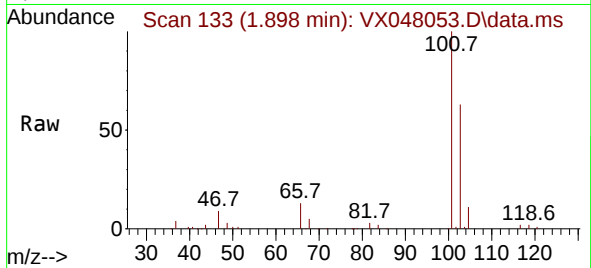




#7  
 Trichlorofluoromethane  
 Concen: 47.718 ug/l  
 RT: 1.898 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX048053.D  
 Acq: 07 Oct 2025 17:22

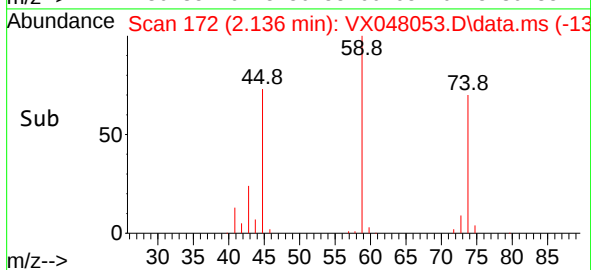
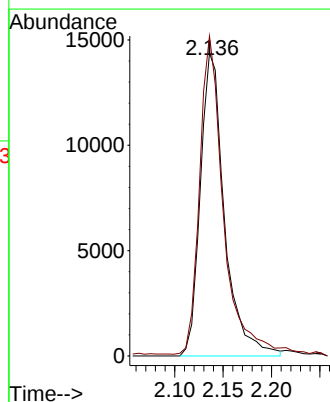
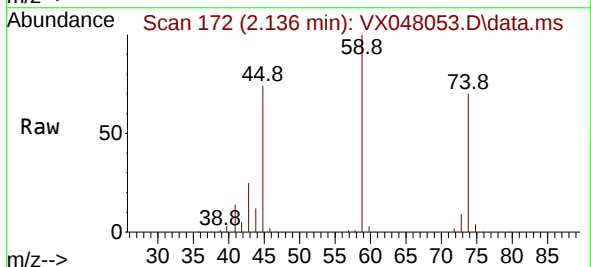
Instrument :  
 MSVOA\_X  
 ClientSampleId :

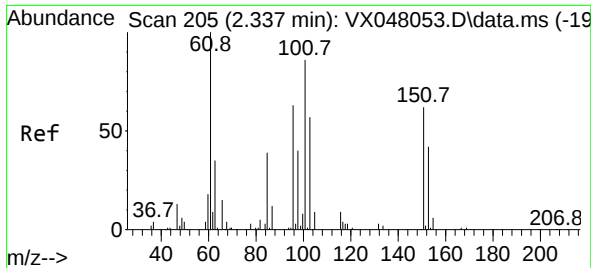
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 Ion Ratio Lower Upper  
 101 100  
 103 63.3 50.6 76.0



#8  
 Diethyl Ether  
 Concen: 51.472 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX048053.D  
 Acq: 07 Oct 2025 17:22

Tgt Ion: 74 Resp: 25029  
 Ion Ratio Lower Upper  
 74 100  
 45 104.0 20.8 187.2

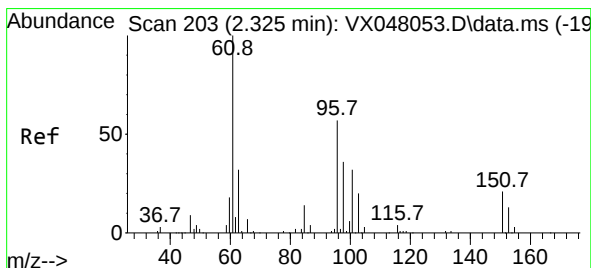
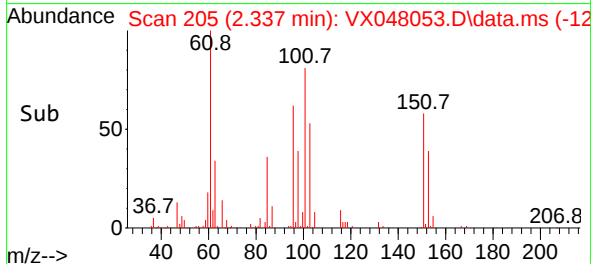
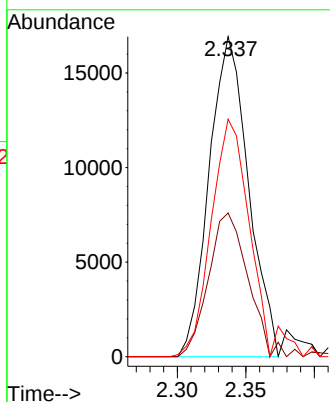
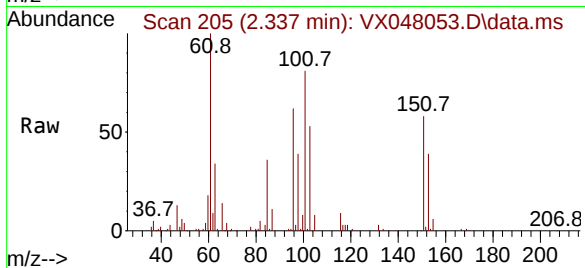




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 39.725 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

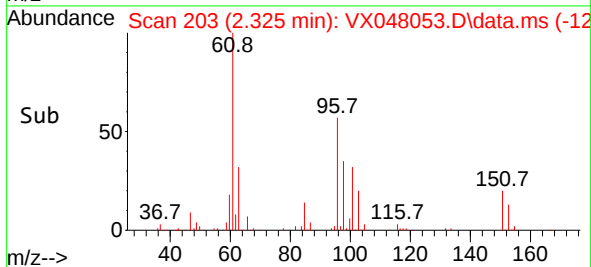
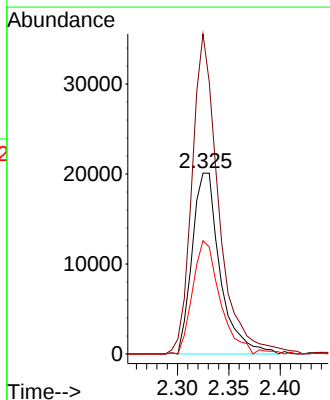
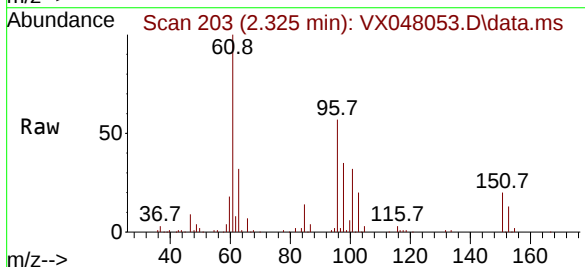
Instrument :  
MSVOA\_X  
ClientSampleId :

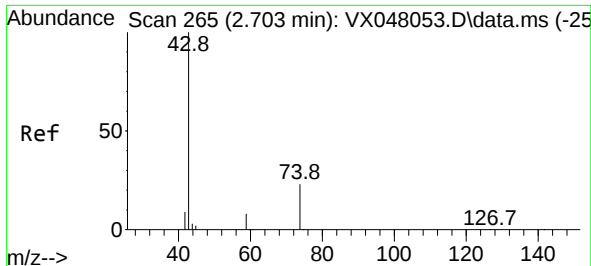
Tgt Ion:101 Resp: 33738  
Ion Ratio Lower Upper  
101 100  
85 44.1 0.0 88.2  
151 70.5 0.0 141.0



#10  
1,1-Dichloroethene  
Concen: 44.367 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 96 Resp: 38006  
Ion Ratio Lower Upper  
96 100  
61 166.8 133.4 200.2  
98 62.2 49.8 74.6

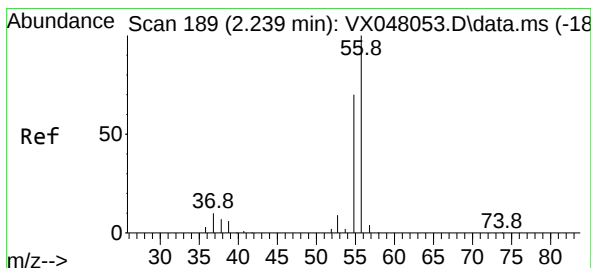
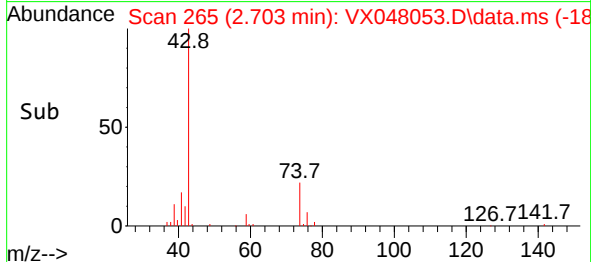
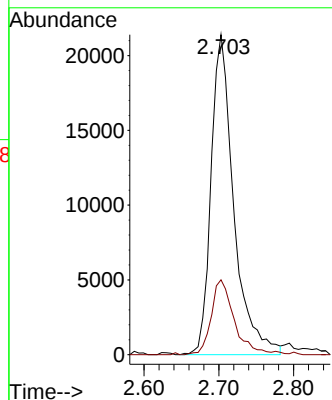
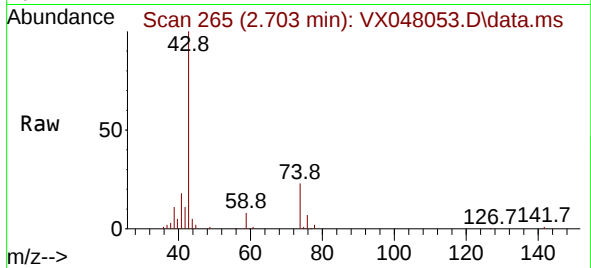




#12  
Methyl Acetate  
Concen: 45.568 ug/l  
RT: 2.703 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

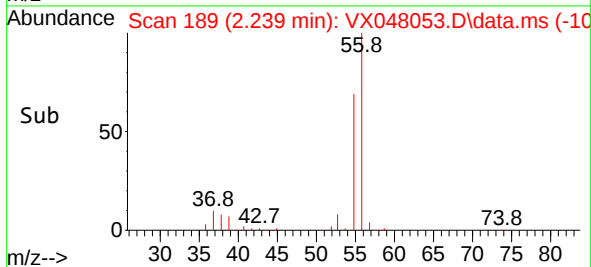
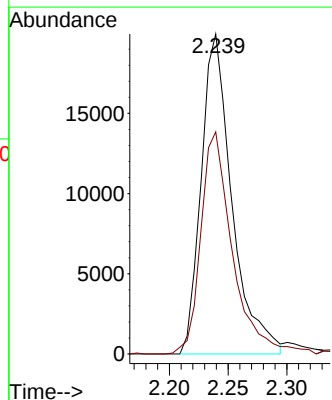
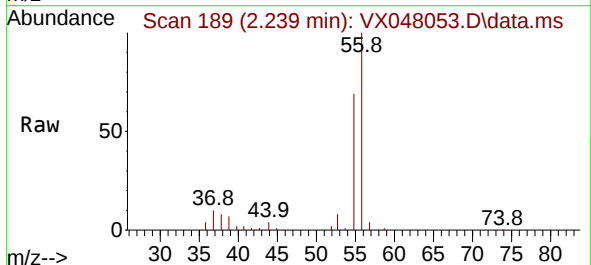
Instrument :  
MSVOA\_X  
ClientSampleId :

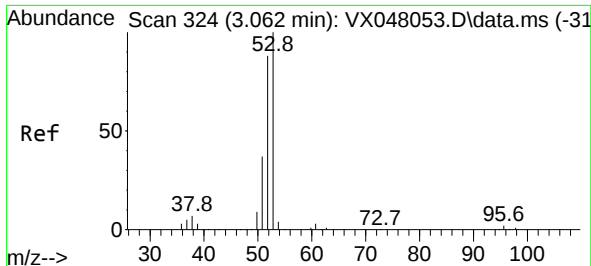
Tgt Ion: 43 Resp: 45227  
Ion Ratio Lower Upper  
43 100  
74 22.8 18.2 27.4



#13  
Acrolein  
Concen: 297.988 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

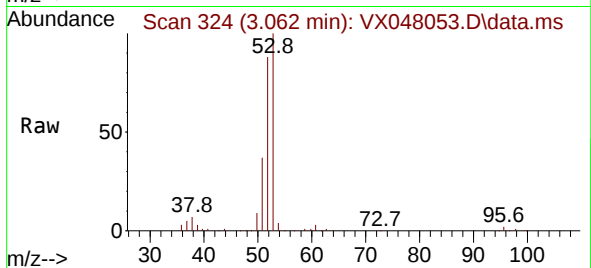
Tgt Ion: 56 Resp: 36327  
Ion Ratio Lower Upper  
56 100  
55 71.3 57.0 85.6



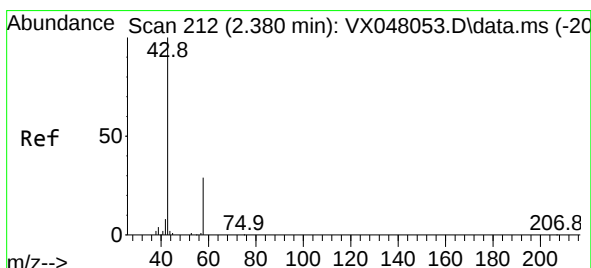
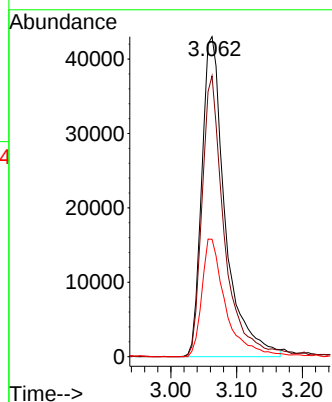
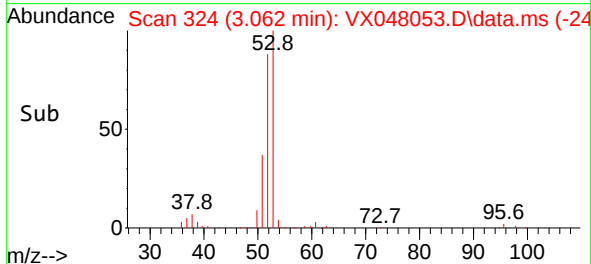


#14  
Acrylonitrile  
Concen: 236.424 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Instrument :  
MSVOA\_X  
ClientSampleId :

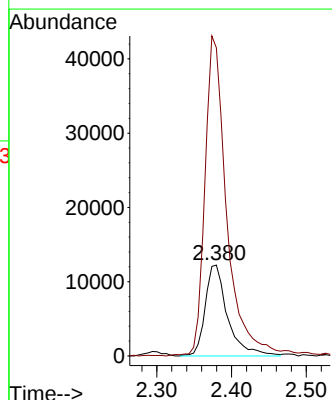
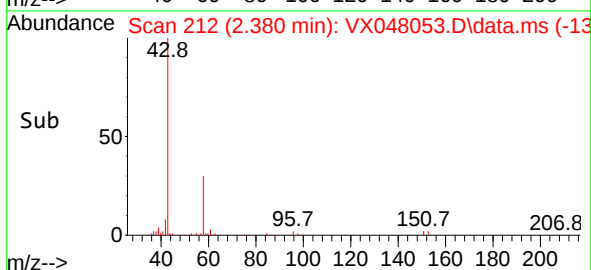
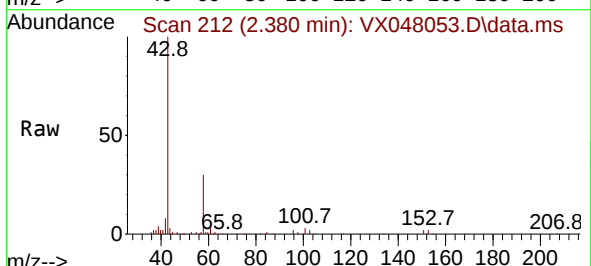


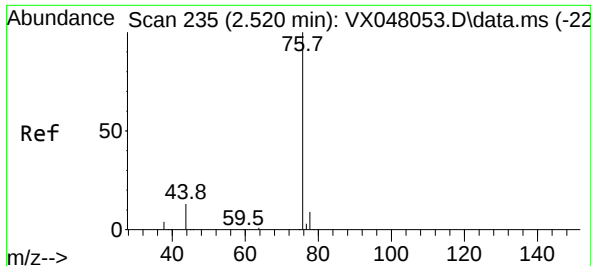
Tgt Ion: 53 Resp: 106577  
Ion Ratio Lower Upper  
53 100  
52 83.5 41.8 125.3  
51 37.3 18.6 56.0



#15  
Acetone  
Concen: 244.085 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 58 Resp: 25509  
Ion Ratio Lower Upper  
58 100  
43 350.9 280.7 421.1

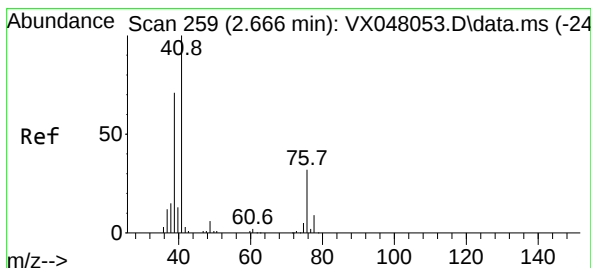
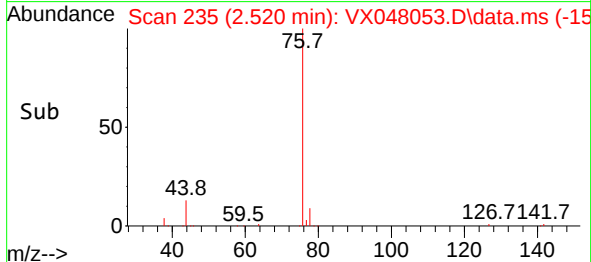
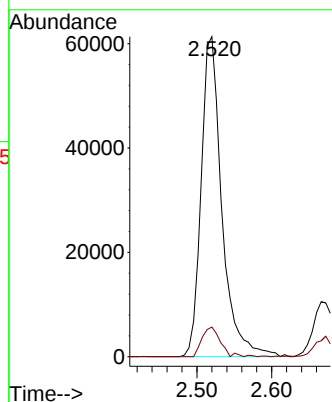
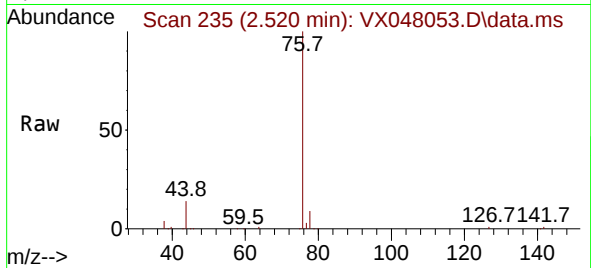




#16  
Carbon Disulfide  
Concen: 48.421 ug/l  
RT: 2.520 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

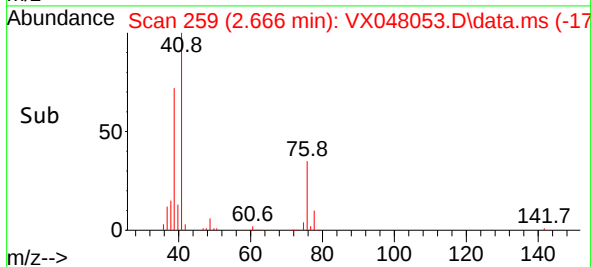
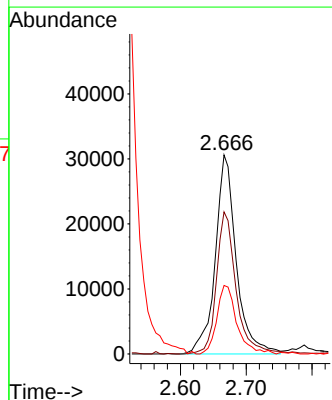
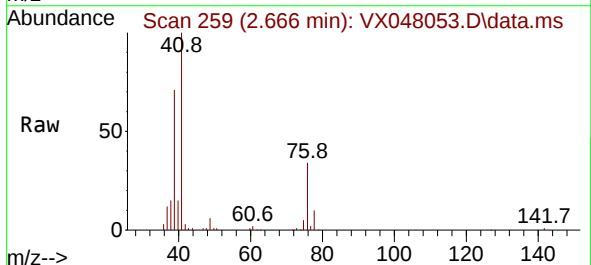
Instrument :  
MSVOA\_X  
ClientSampleId :

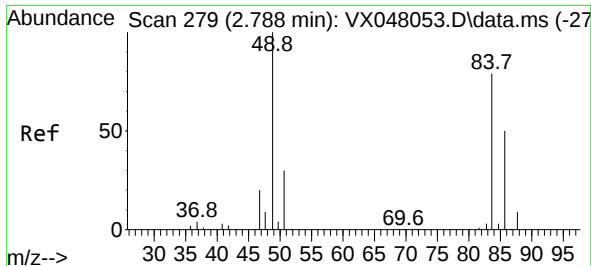
Tgt Ion: 76 Resp: 118030  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#17  
Allyl chloride  
Concen: 44.108 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

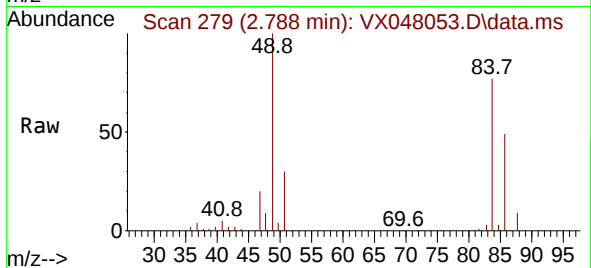
Tgt Ion: 41 Resp: 68216  
Ion Ratio Lower Upper  
41 100  
39 70.1 35.0 105.1  
76 35.7 17.8 53.5



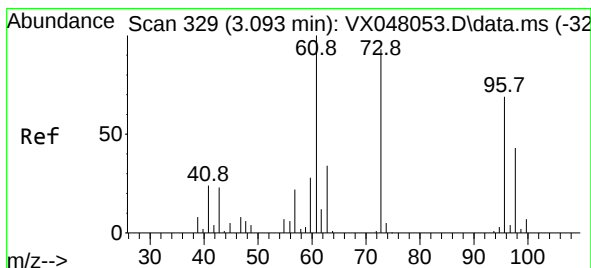
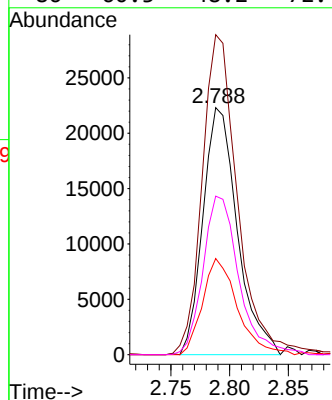
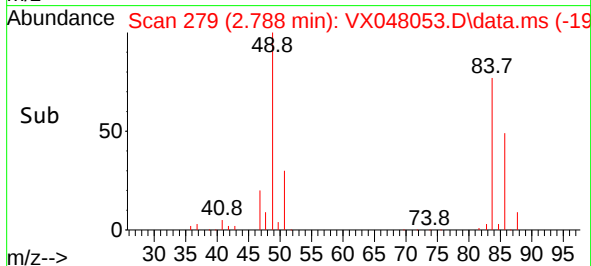


#18  
Methylene Chloride  
Concen: 47.248 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Instrument :  
MSVOA\_X  
ClientSampleId :

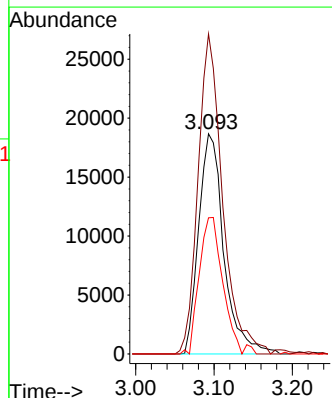
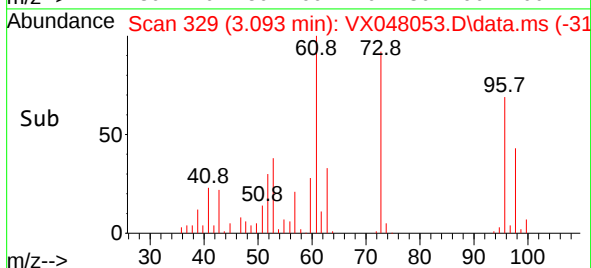
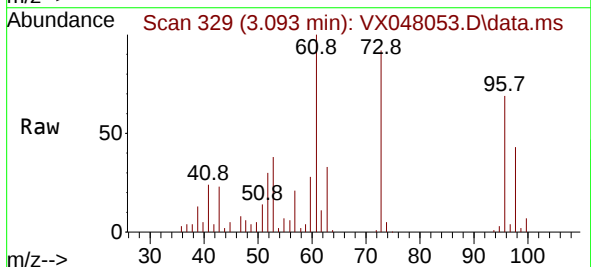


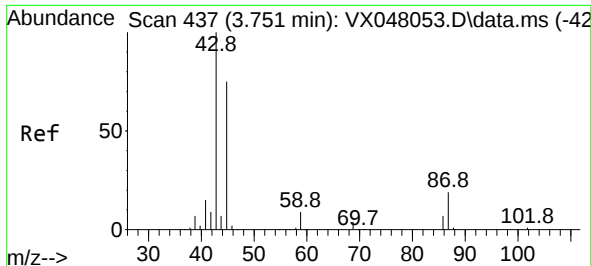
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 45369 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 126.1 | 100.9 | 151.3 |
| 51       | 37.7  | 30.2  | 45.2  |
| 86       | 60.3  | 48.2  | 72.4  |



#19  
trans-1,2-Dichloroethene  
Concen: 46.388 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 41735 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 151.3 | 121.0 | 181.6 |
| 98       | 60.6  | 48.5  | 72.7  |



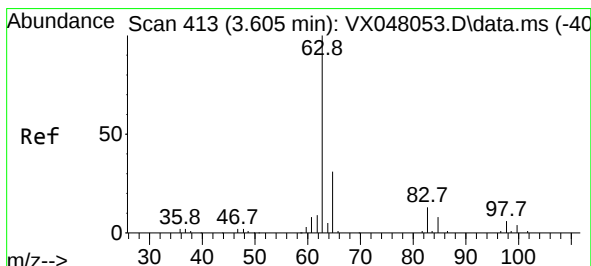
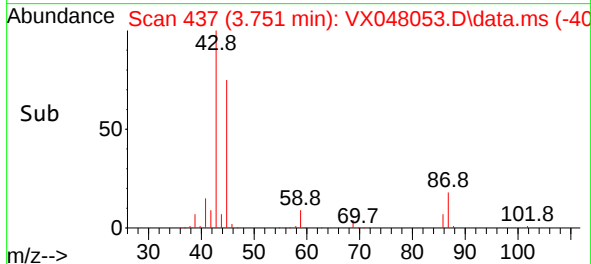
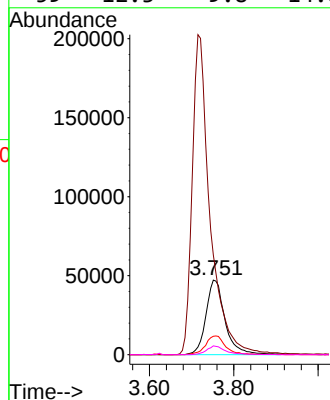
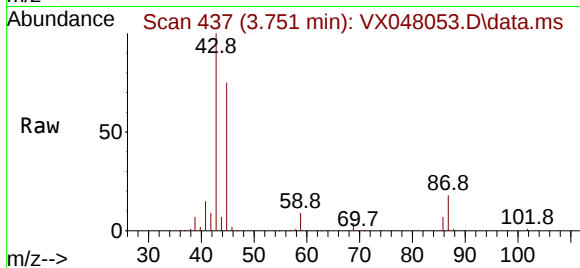


#20  
Diisopropyl ether  
Concen: 49.224 ug/l  
RT: 3.751 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 45 Resp: 148782

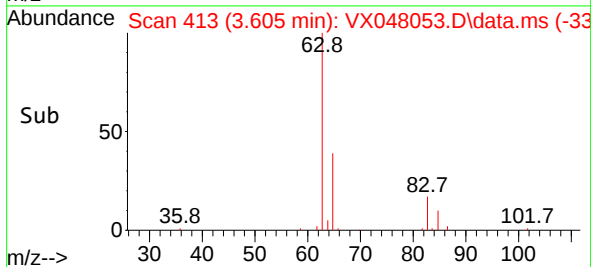
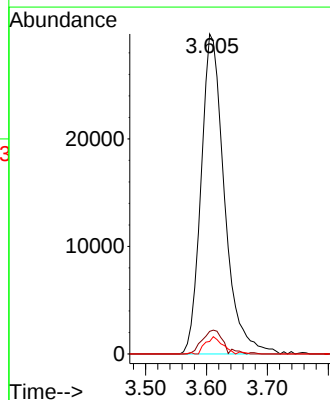
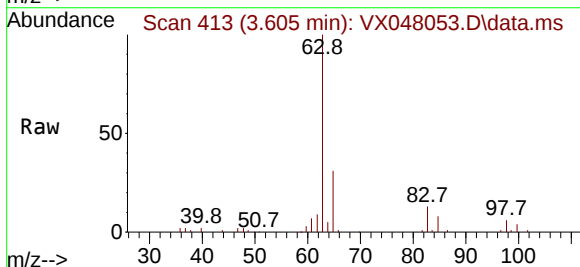
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 131.7 | 105.4 | 158.0 |
| 87  | 24.6  | 19.7  | 29.5  |
| 59  | 12.3  | 9.8   | 14.8  |

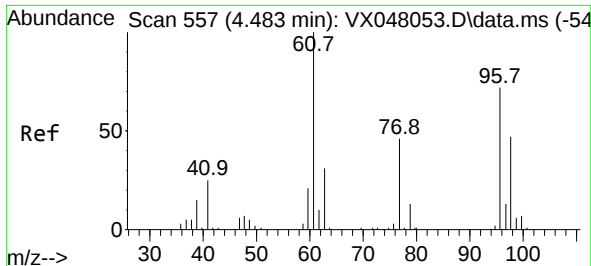


#21  
1,1-Dichloroethane  
Concen: 46.633 ug/l  
RT: 3.605 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 63 Resp: 79425

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.1   | 3.5   | 10.6  |
| 100 | 3.9   | 2.0   | 5.8   |





#22

cis-1,2-Dichloroethene

Concen: 45.785 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

Instrument :

MSVOA\_X

ClientSampleId :

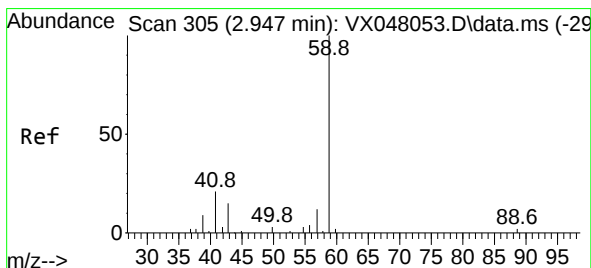
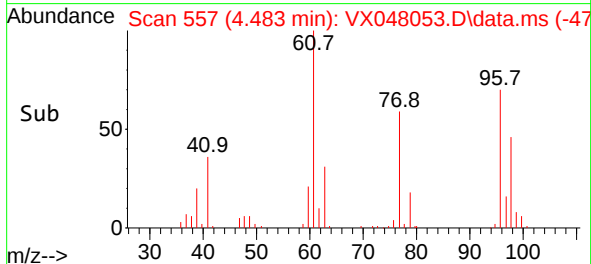
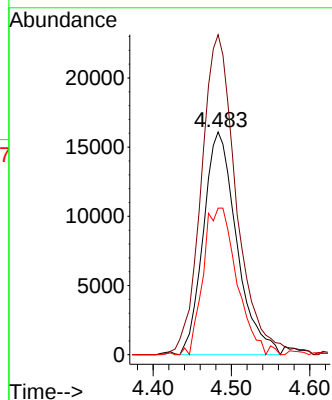
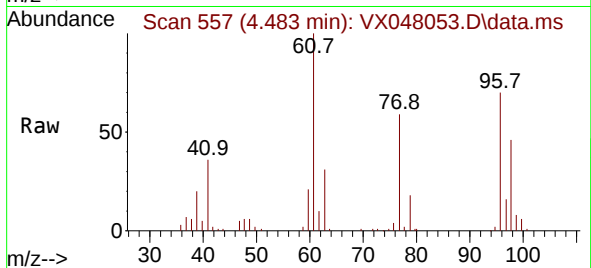
Tgt Ion: 96 Resp: 47535

Ion Ratio Lower Upper

96 100

61 151.7 121.4 182.0

98 24.5 19.6 29.4



#23

tert-Butyl Alcohol

Concen: 263.719 ug/l

RT: 2.947 min Scan# 305

Delta R.T. 0.000 min

Lab File: VX048053.D

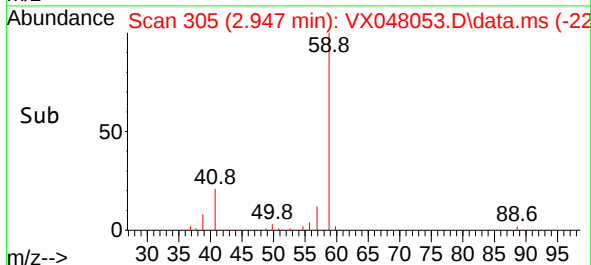
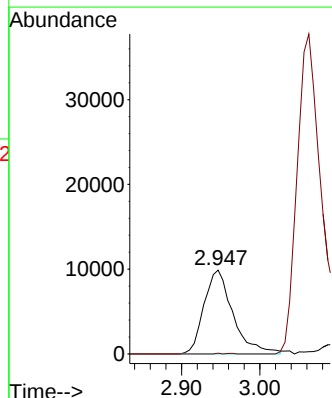
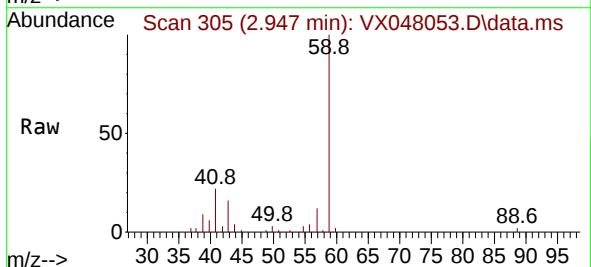
Acq: 07 Oct 2025 17:22

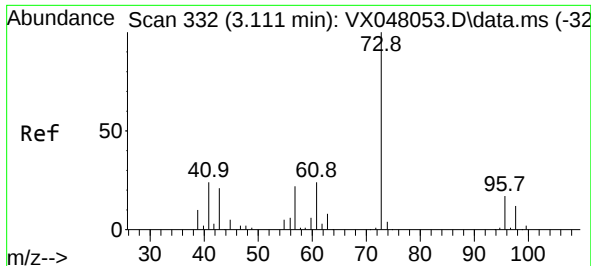
Tgt Ion: 59 Resp: 25432

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1#

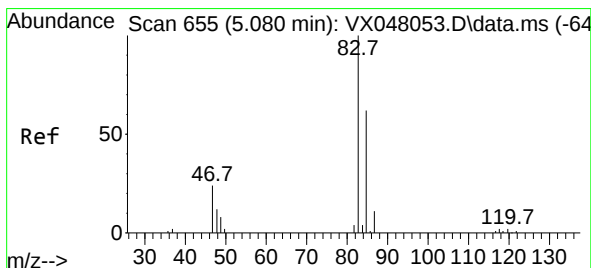
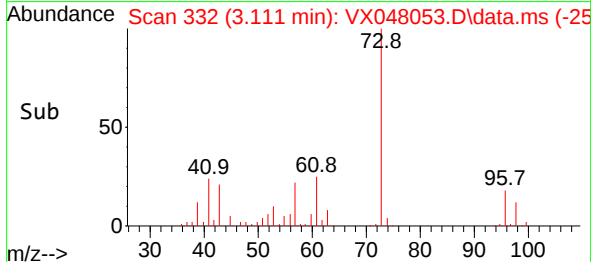
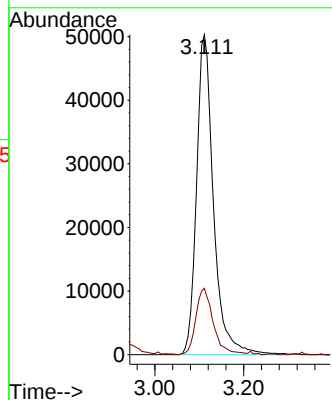
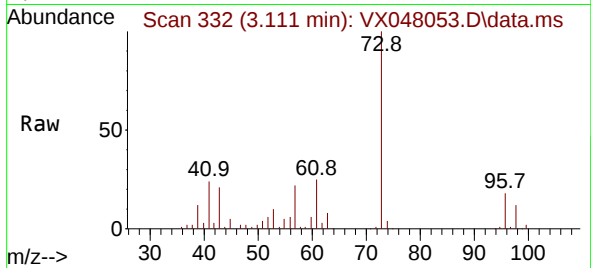




#24  
Methyl tert-Butyl Ether  
Concen: 49.216 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

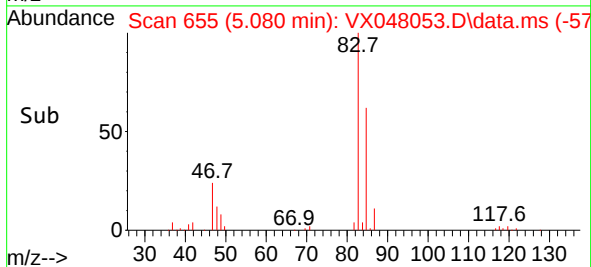
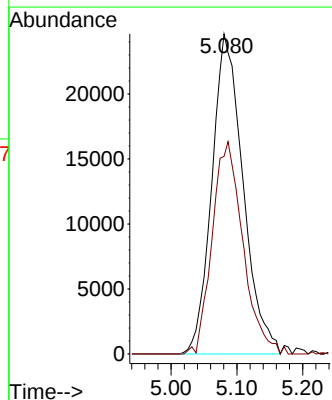
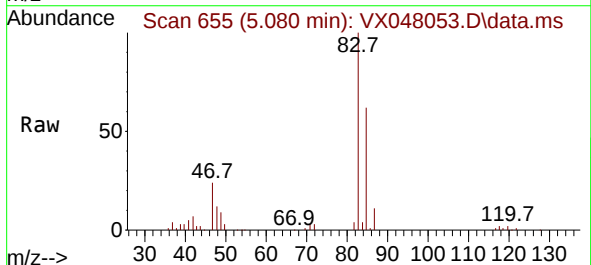
Instrument :  
MSVOA\_X  
ClientSampleId :

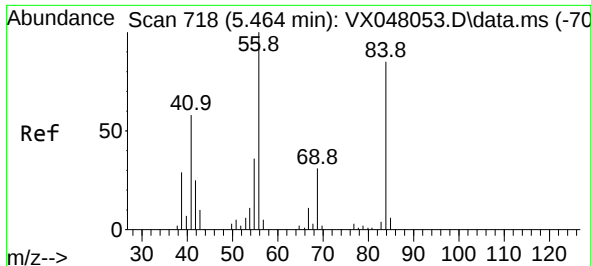
Tgt Ion: 73 Resp: 132923  
Ion Ratio Lower Upper  
73 100  
43 21.4 17.1 25.7



#25  
Chloroform  
Concen: 46.459 ug/l  
RT: 5.080 min Scan# 655  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

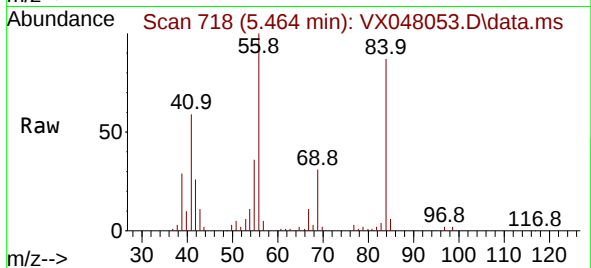
Tgt Ion: 83 Resp: 81206  
Ion Ratio Lower Upper  
83 100  
85 62.9 50.3 75.5



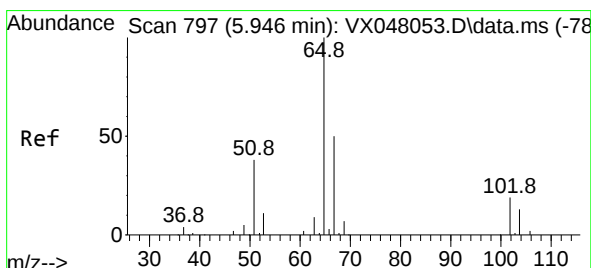
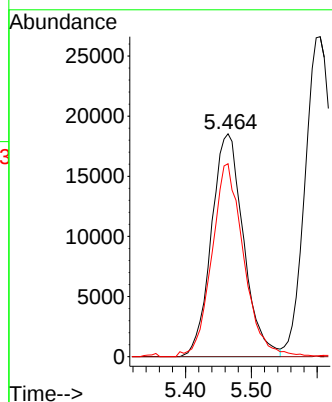
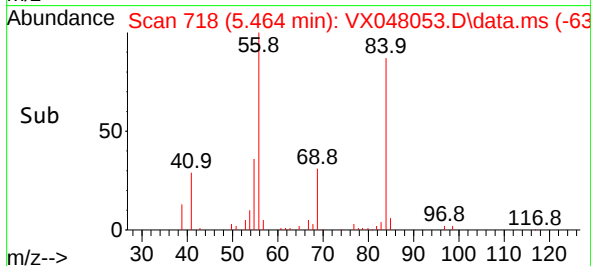


#26  
Cyclohexane  
Concen: 41.939 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Instrument :  
MSVOA\_X  
ClientSampleId :

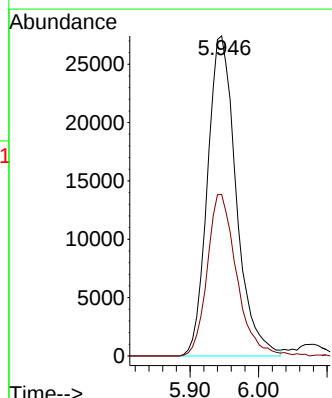
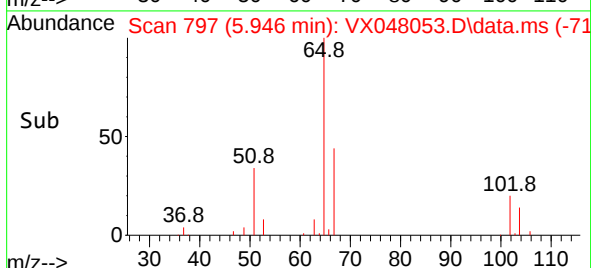
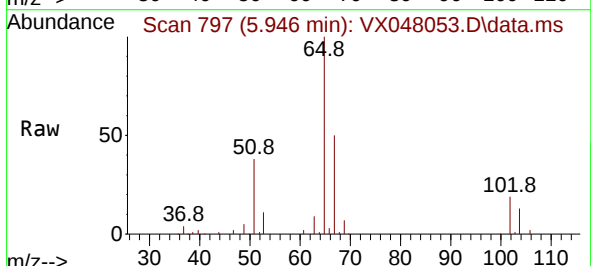


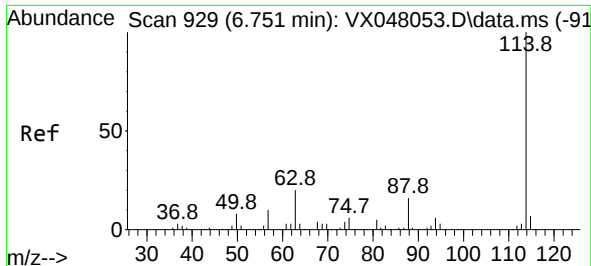
Tgt Ion: 56 Resp: 62923  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 83.3 66.6 100.0



#27  
1,2-Dichloroethane-d4  
Concen: 67.851 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

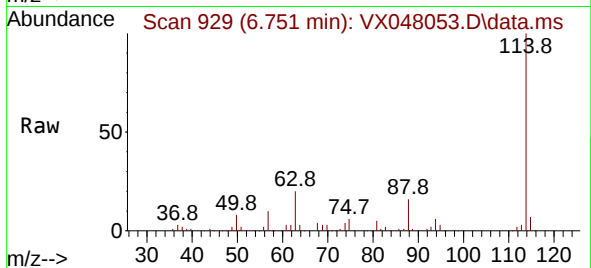
Tgt Ion: 65 Resp: 79773  
Ion Ratio Lower Upper  
65 100  
67 51.2 41.0 61.4



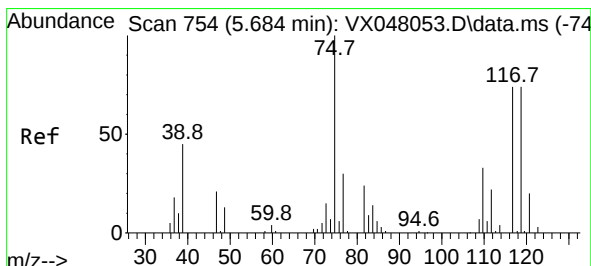
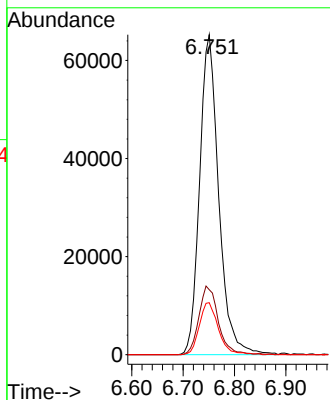
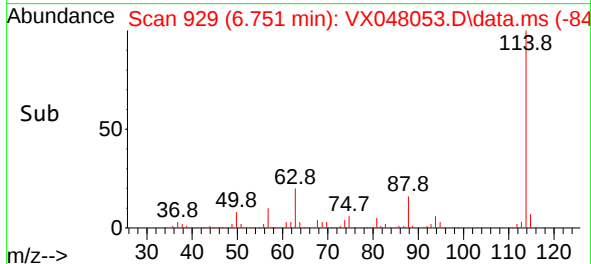


#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.751 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX048053.D  
 Acq: 07 Oct 2025 17:22

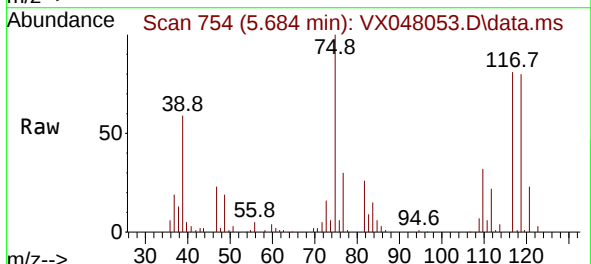
Instrument :  
 MSVOA\_X  
 ClientSampleId :



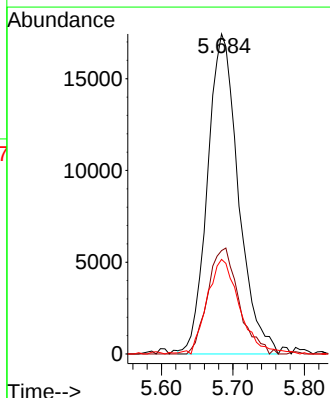
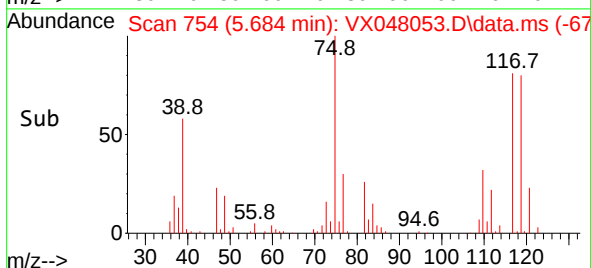
Tgt Ion:114 Resp: 168414  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 17.4 26.0  
 88 16.0 12.8 19.2

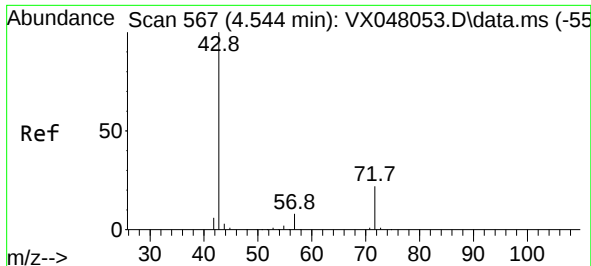


#29  
 1,1-Dichloropropene  
 Concen: 20.168 ug/l  
 RT: 5.684 min Scan# 754  
 Delta R.T. 0.000 min  
 Lab File: VX048053.D  
 Acq: 07 Oct 2025 17:22



Tgt Ion: 75 Resp: 52325  
 Ion Ratio Lower Upper  
 75 100  
 110 33.2 0.0 66.4  
 77 30.9 0.0 61.8

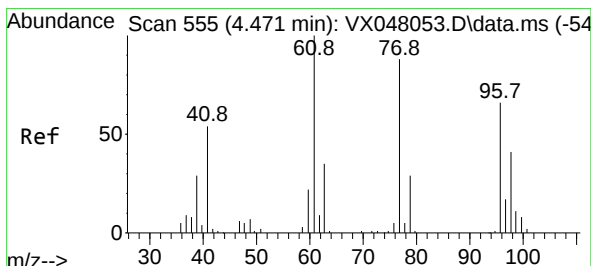
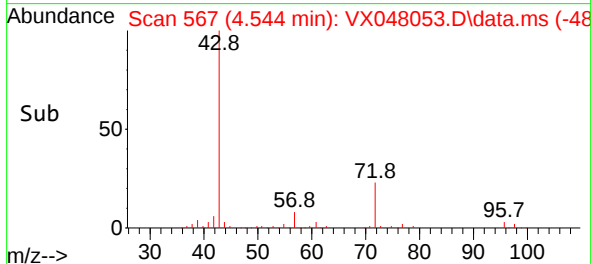
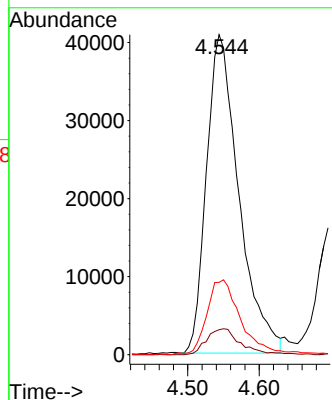
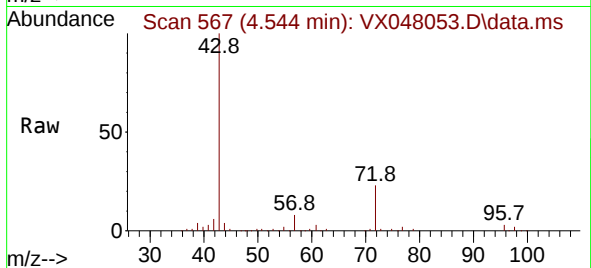




#30  
2-Butanone  
Concen: 108.125 ug/l  
RT: 4.544 min Scan# 567  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

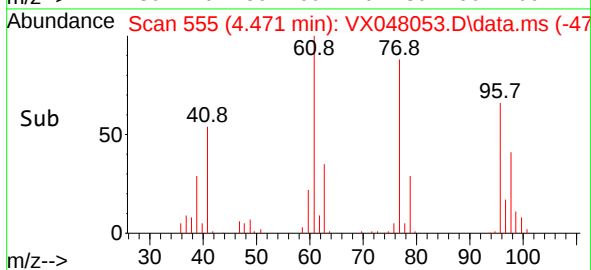
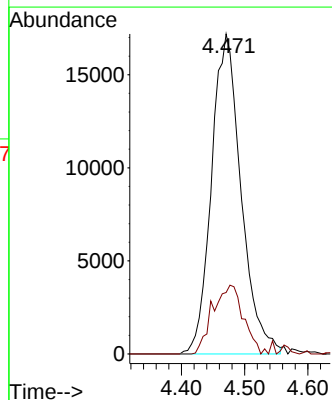
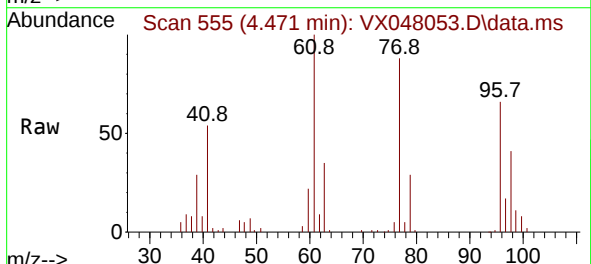
Instrument :  
MSVOA\_X  
ClientSampleId :

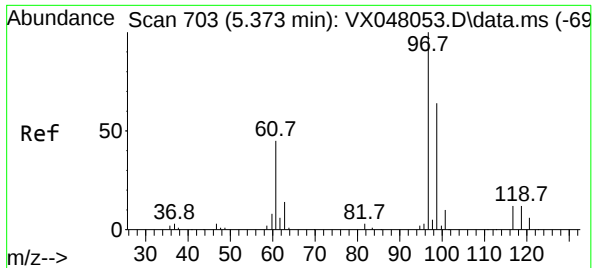
Tgt Ion: 43 Resp: 128092  
Ion Ratio Lower Upper  
43 100  
57 8.2 6.6 9.8  
72 23.6 18.9 28.3



#31  
2,2-Dichloropropane  
Concen: 23.092 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 77 Resp: 55840  
Ion Ratio Lower Upper  
77 100  
97 17.3 13.8 20.8

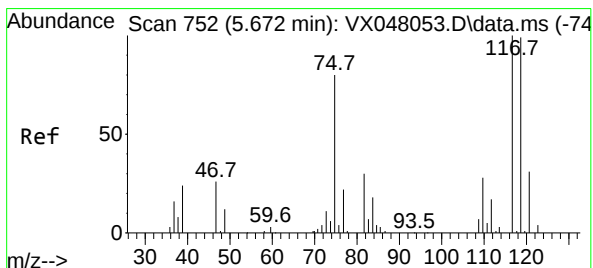
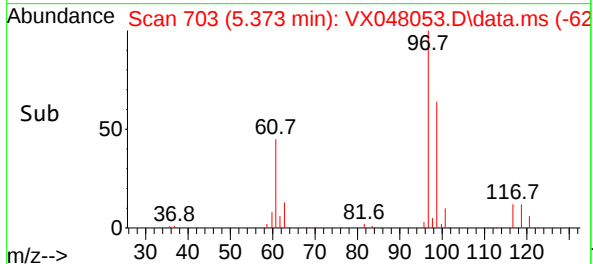
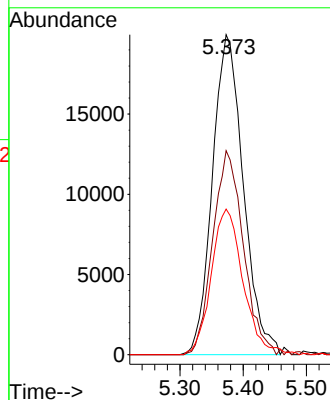
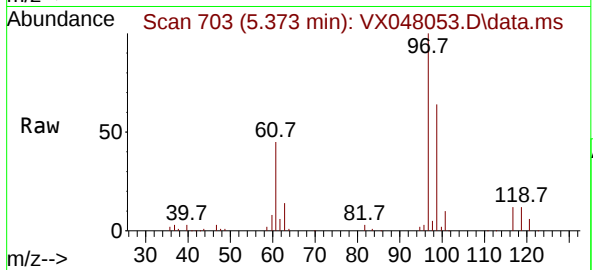




#32  
1,1,1-Trichloroethane  
Concen: 20.857 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

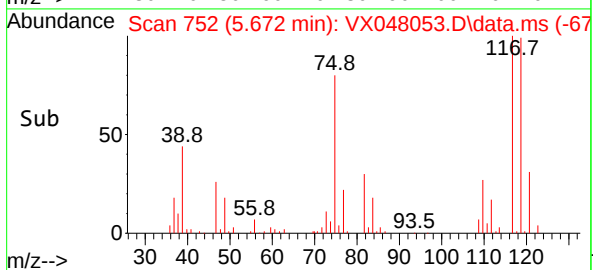
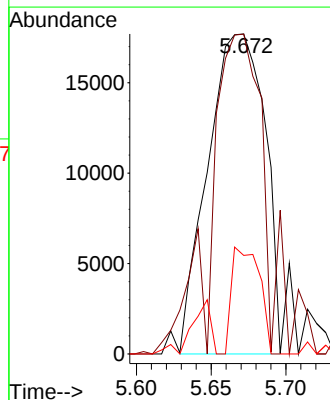
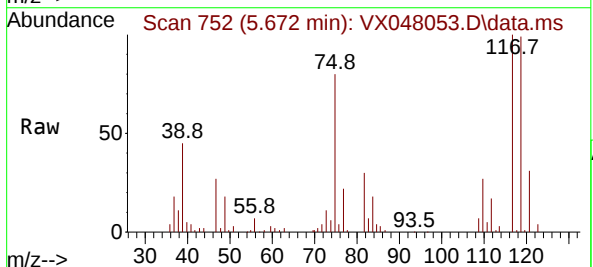
Instrument :  
MSVOA\_X  
ClientSampleId :

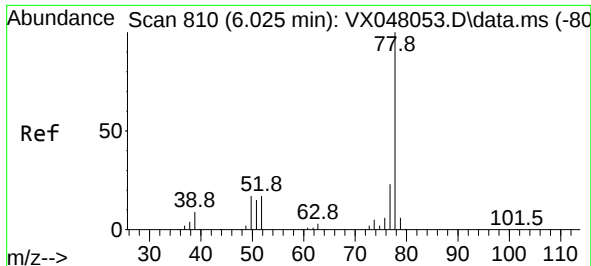
Tgt Ion: 97 Resp: 67692  
Ion Ratio Lower Upper  
97 100  
99 63.0 50.4 75.6  
61 46.1 36.9 55.3



#33  
Carbon Tetrachloride  
Concen: 16.780 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 117 Resp: 46865  
Ion Ratio Lower Upper  
117 100  
119 85.6 79.1 118.7  
121 30.6 24.6 37.0

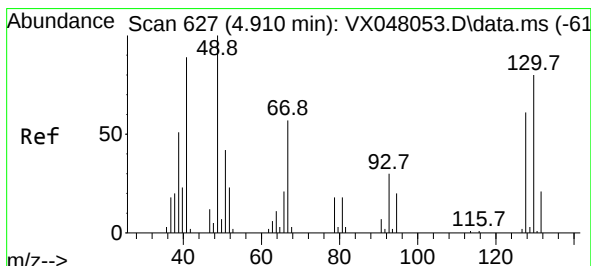
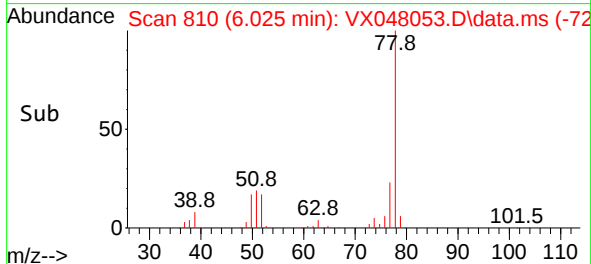
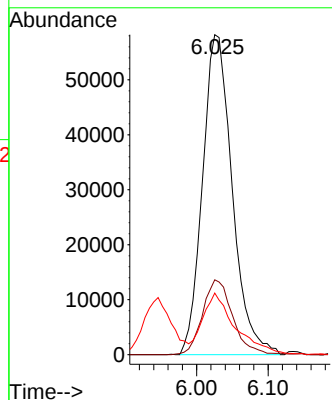
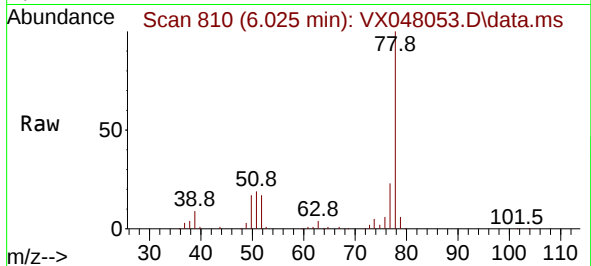




#34  
Benzene  
Concen: 21.584 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

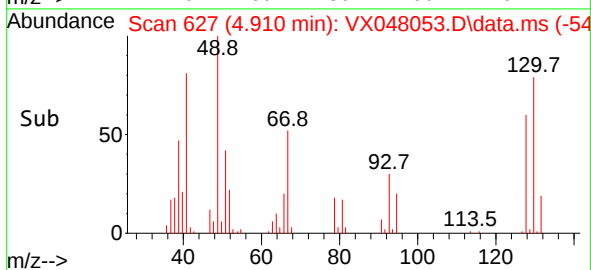
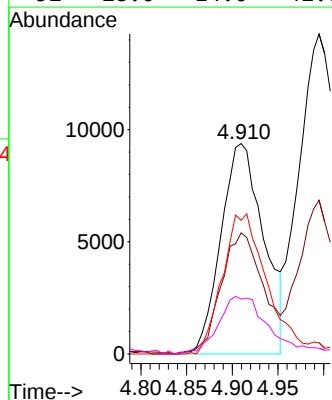
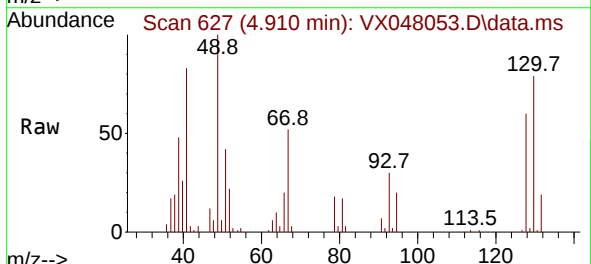
Instrument :  
MSVOA\_X  
ClientSampleId :

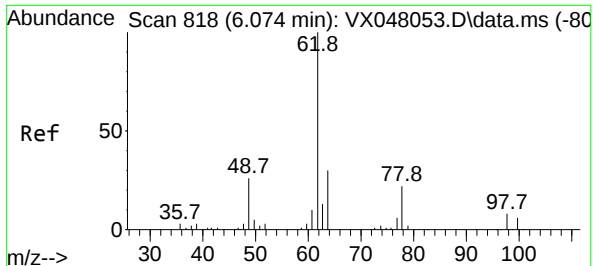
Tgt Ion: 78 Resp: 167918  
Ion Ratio Lower Upper  
78 100  
77 20.4 16.3 24.5  
51 17.3 13.8 20.8



#35  
Methacrylonitrile  
Concen: 21.038 ug/l  
RT: 4.910 min Scan# 627  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 41 Resp: 30610  
Ion Ratio Lower Upper  
41 100  
39 50.8 25.4 76.2  
67 66.6 33.3 99.9  
52 28.0 14.0 42.0

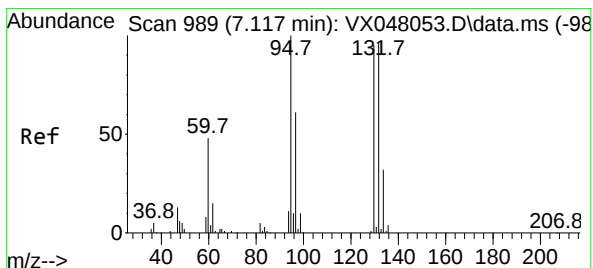
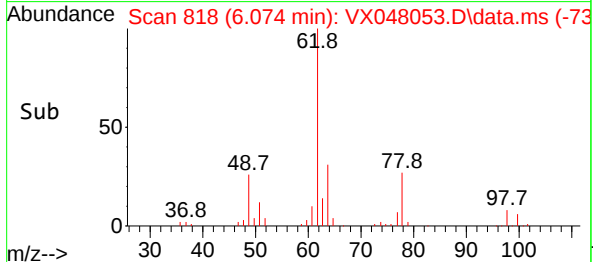
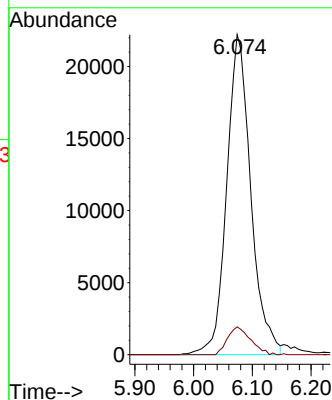
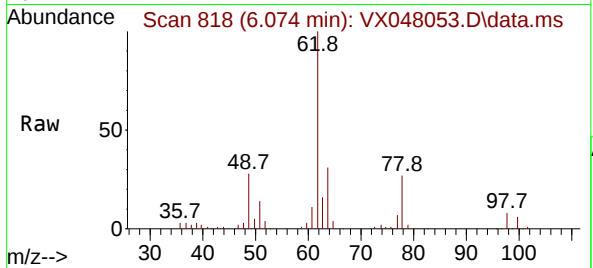




#36  
1,2-Dichloroethane  
Concen: 21.629 ug/l  
RT: 6.074 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

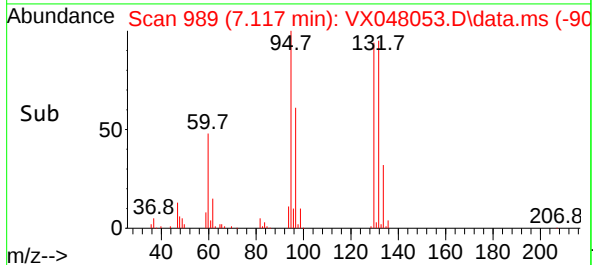
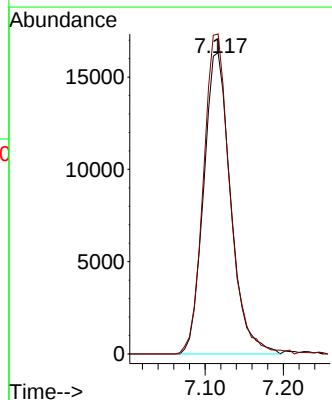
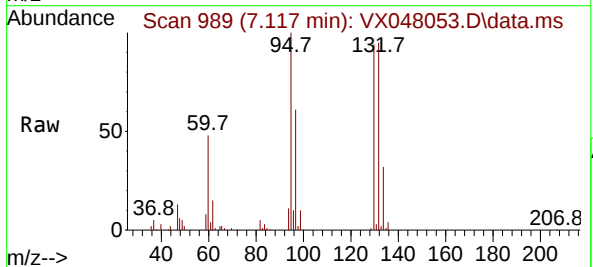
Instrument :  
MSVOA\_X  
ClientSampleId :

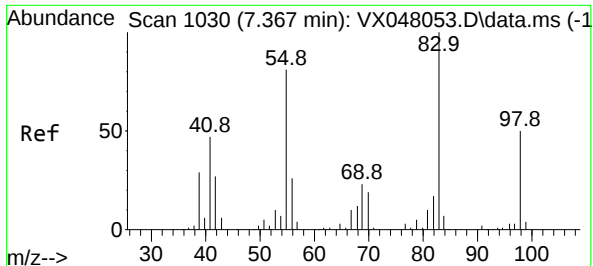
Tgt Ion: 62 Resp: 63255  
Ion Ratio Lower Upper  
62 100  
98 8.2 6.6 9.8



#37  
Trichloroethene  
Concen: 20.272 ug/l  
RT: 7.117 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion:130 Resp: 39214  
Ion Ratio Lower Upper  
130 100  
95 105.7 84.6 126.8

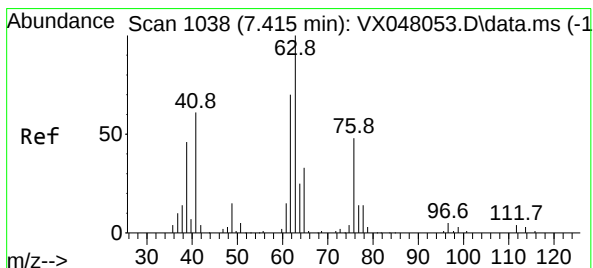
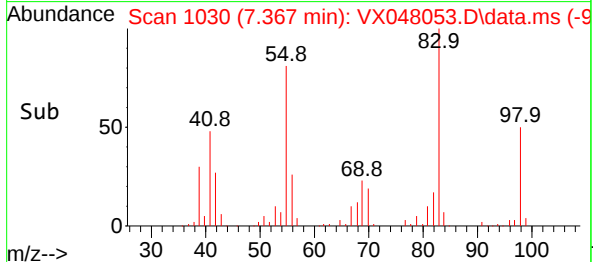
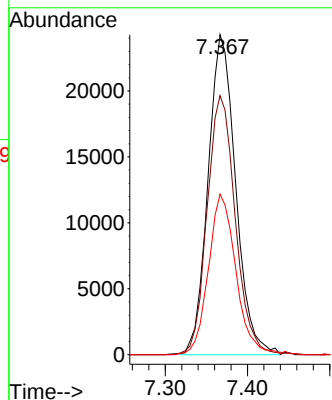
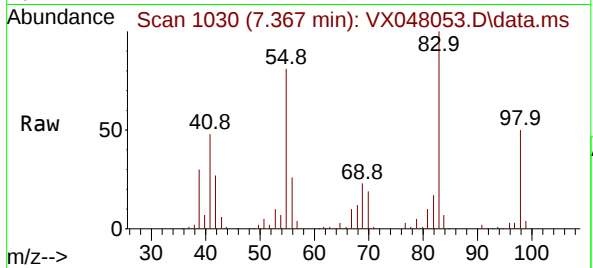




#38  
Methylcyclohexane  
Concen: 17.566 ug/l  
RT: 7.367 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

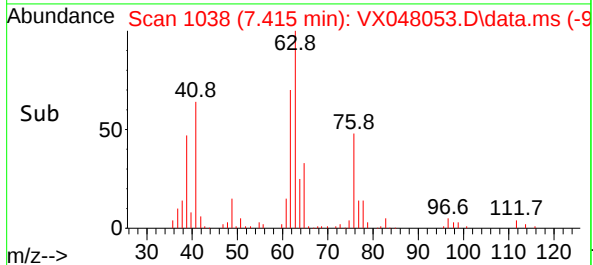
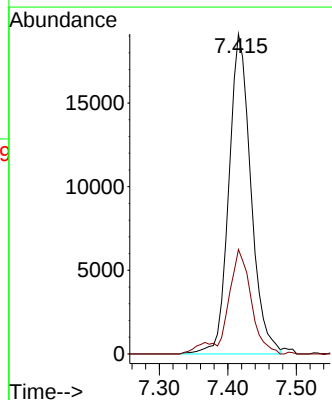
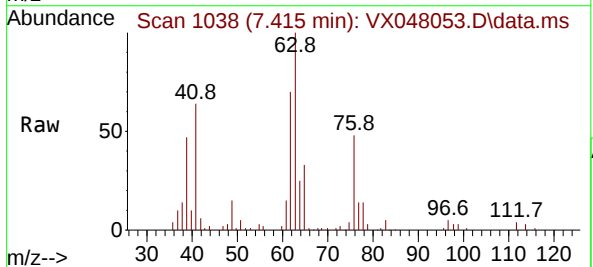
Instrument :  
MSVOA\_X  
ClientSampleId :

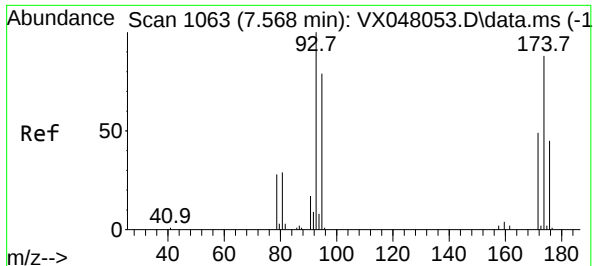
Tgt Ion: 83 Resp: 56680  
Ion Ratio Lower Upper  
83 100  
55 82.6 41.3 123.9  
98 49.8 24.9 74.7



#39  
1,2-Dichloropropane  
Concen: 21.865 ug/l  
RT: 7.415 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 63 Resp: 42756  
Ion Ratio Lower Upper  
63 100  
65 32.7 26.2 39.2

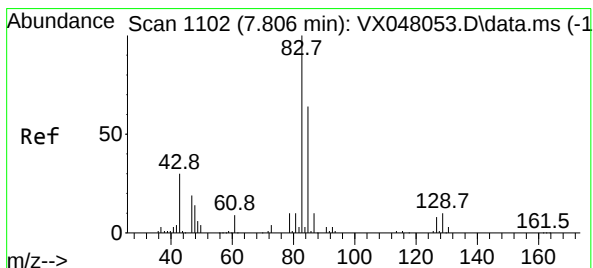
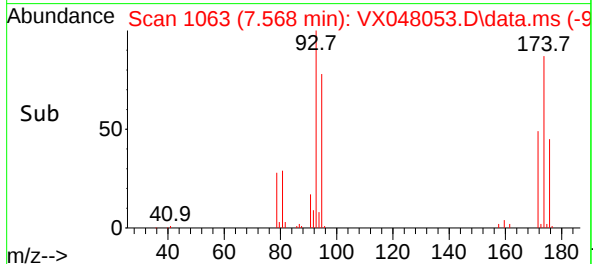
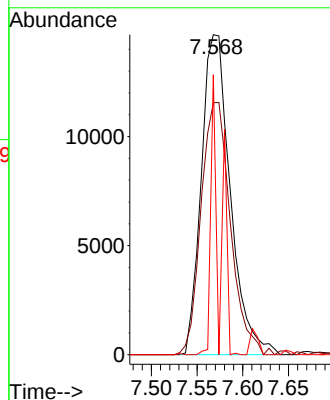
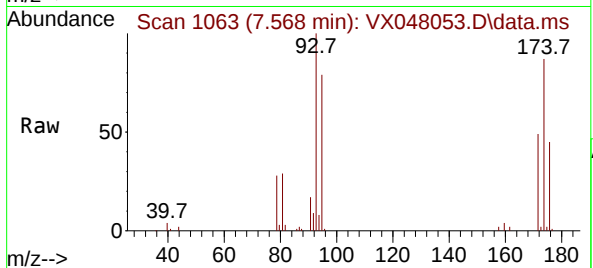




#40  
Dibromomethane  
Concen: 22.128 ug/l  
RT: 7.568 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

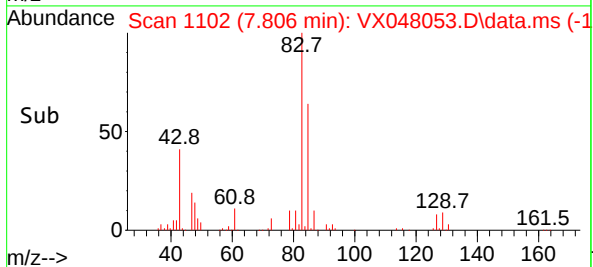
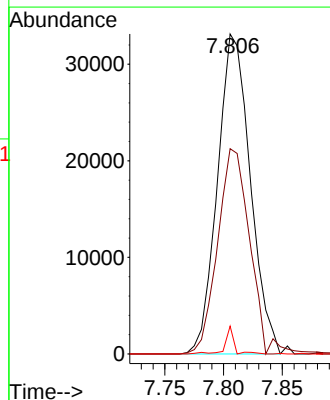
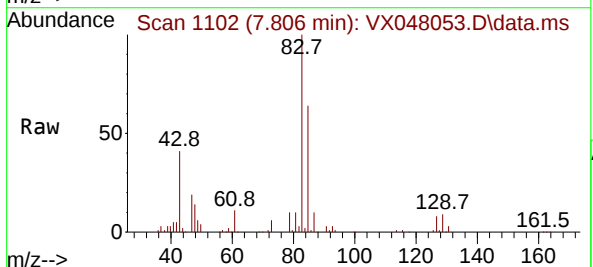
Instrument :  
MSVOA\_X  
ClientSampleId :

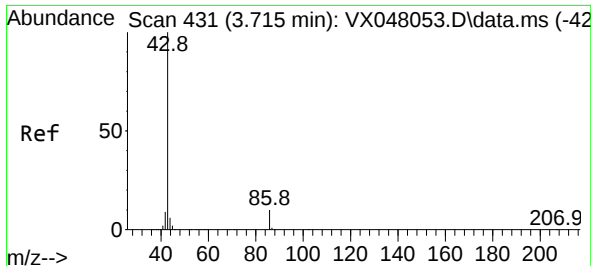
Tgt Ion: 93 Resp: 32390  
Ion Ratio Lower Upper  
93 100  
95 0.5 0.0 1.0  
174 14.8 0.0 29.6



#41  
Bromodichloromethane  
Concen: 21.788 ug/l  
RT: 7.806 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 83 Resp: 64387  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.9 76.3  
127 8.5 6.8 10.2

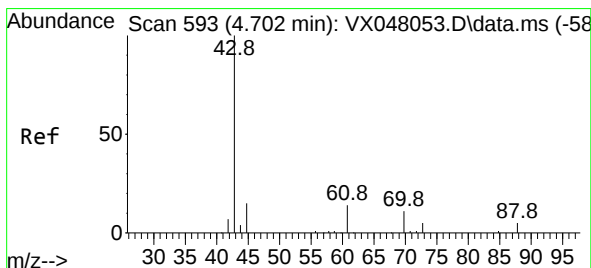
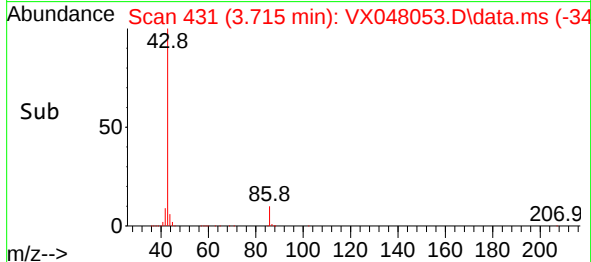
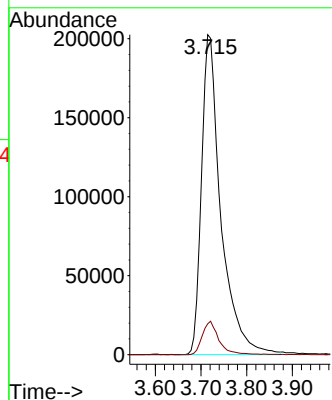
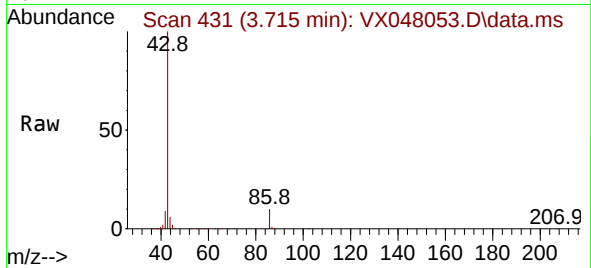




#42  
 Vinyl Acetate  
 Concen: 112.197 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX048053.D  
 Acq: 07 Oct 2025 17:22

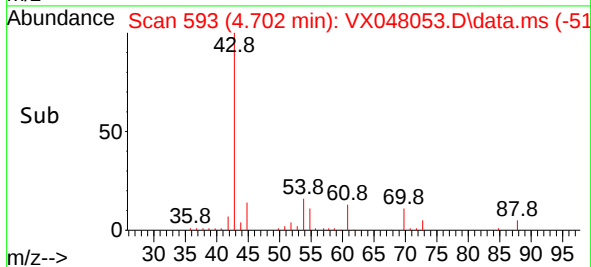
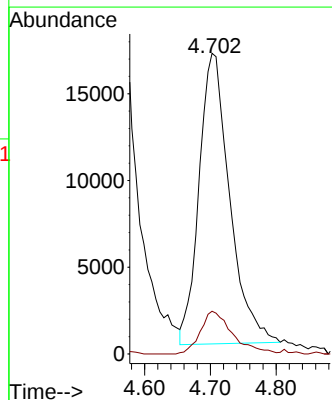
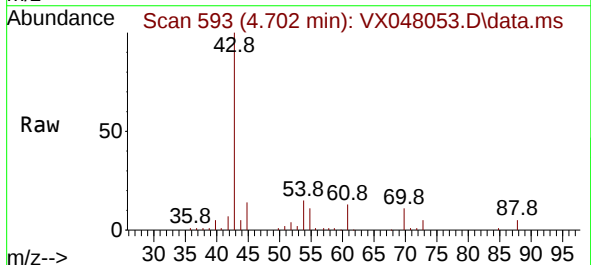
Instrument :  
 MSVOA\_X  
 ClientSampleId :

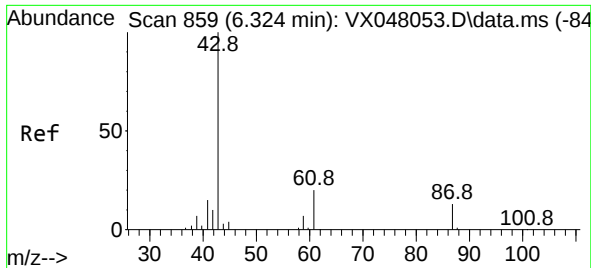
Tgt Ion: 43 Resp: 596070  
 Ion Ratio Lower Upper  
 43 100  
 86 8.9 7.1 10.7



#43  
 Ethyl Acetate  
 Concen: 21.559 ug/l  
 RT: 4.702 min Scan# 593  
 Delta R.T. 0.000 min  
 Lab File: VX048053.D  
 Acq: 07 Oct 2025 17:22

Tgt Ion: 43 Resp: 54228  
 Ion Ratio Lower Upper  
 43 100  
 45 15.5 12.3 18.5

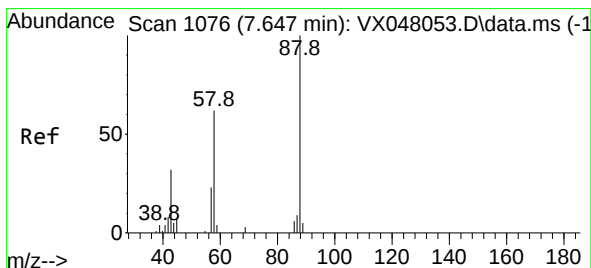
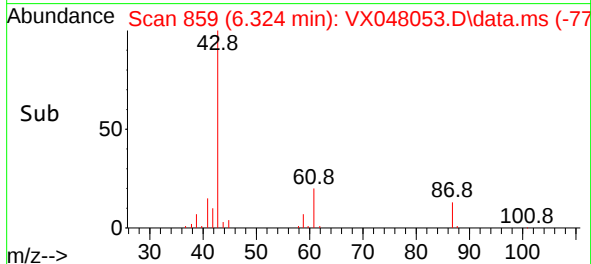
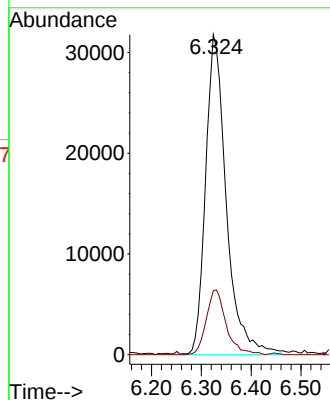
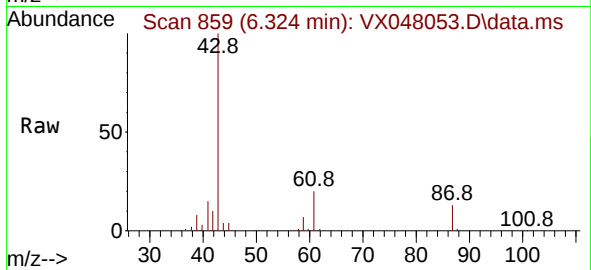




#44  
Isopropyl Acetate  
Concen: 22.803 ug/l  
RT: 6.324 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

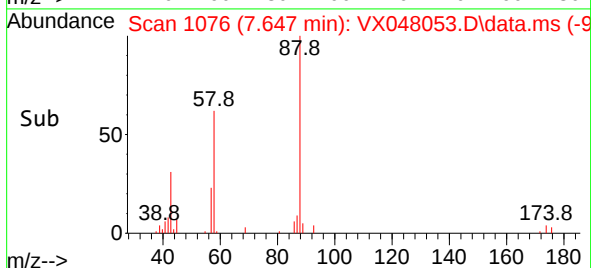
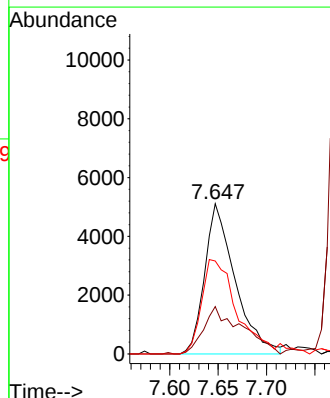
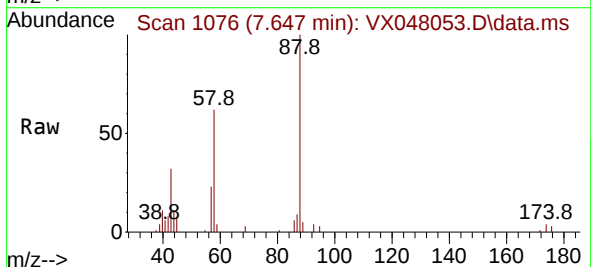
Instrument :  
MSVOA\_X  
ClientSampleId :

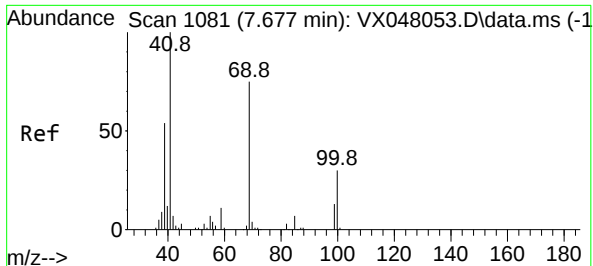
Tgt Ion: 43 Resp: 91661  
Ion Ratio Lower Upper  
43 100  
61 19.3 15.5 23.3



#45  
1,4-Dioxane  
Concen: 449.369 ug/l  
RT: 7.647 min Scan# 1076  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 88 Resp: 11186  
Ion Ratio Lower Upper  
88 100  
43 25.4 20.3 30.5  
58 71.7 57.4 86.0

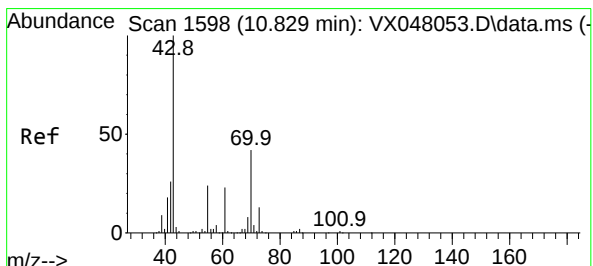
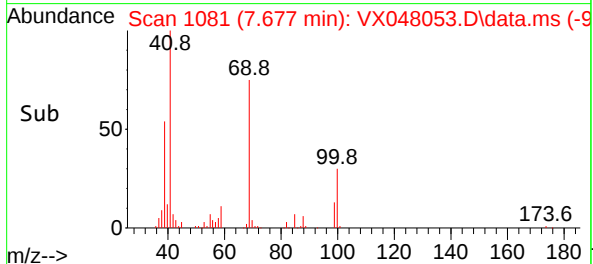
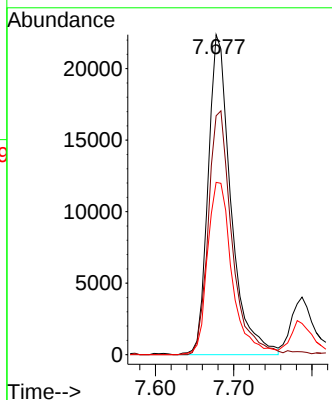
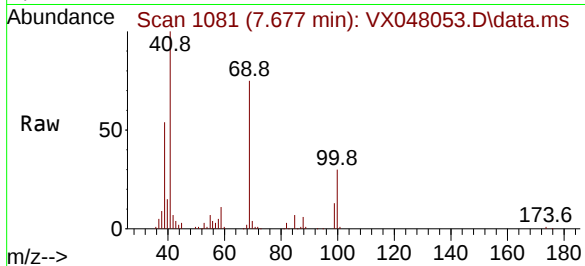




#46  
Methyl methacrylate  
Concen: 21.277 ug/l  
RT: 7.677 min Scan# 1081  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

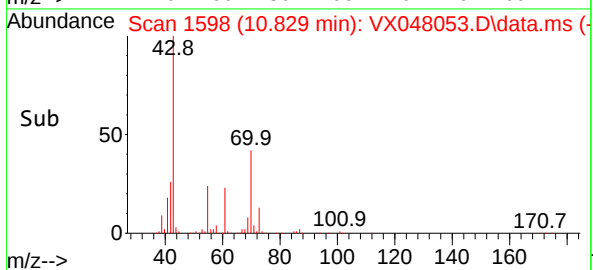
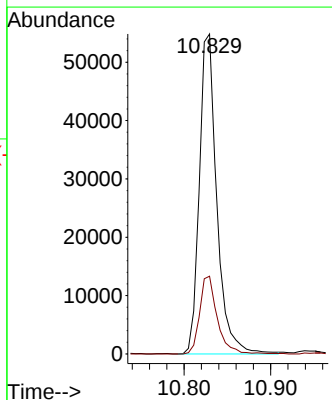
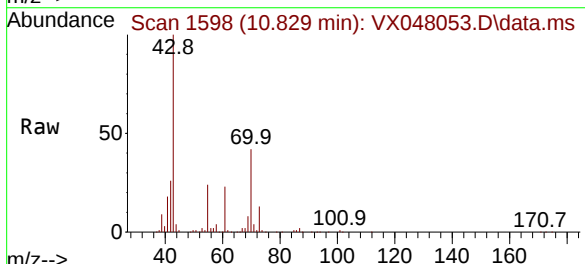
Instrument :  
MSVOA\_X  
ClientSampleId :

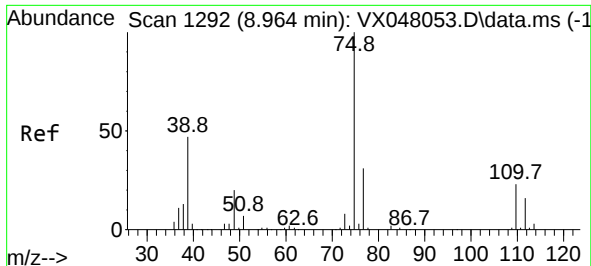
Tgt Ion: 41 Resp: 45337  
Ion Ratio Lower Upper  
41 100  
69 74.7 37.4 112.1  
39 53.9 27.0 80.8



#47  
n-amy1 Acetate  
Concen: 21.174 ug/l  
RT: 10.829 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 43 Resp: 76957  
Ion Ratio Lower Upper  
43 100  
55 24.2 19.4 29.0





#48

t-1,3-Dichloropropene

Concen: 22.553 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

Instrument :

MSVOA\_X

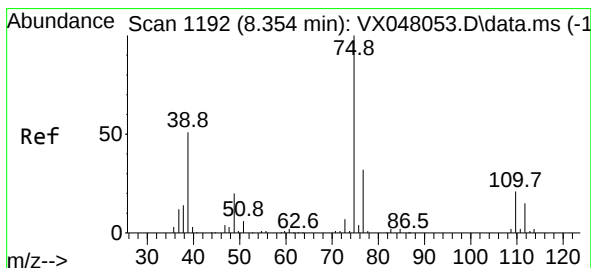
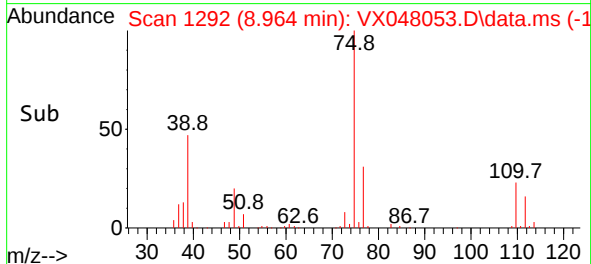
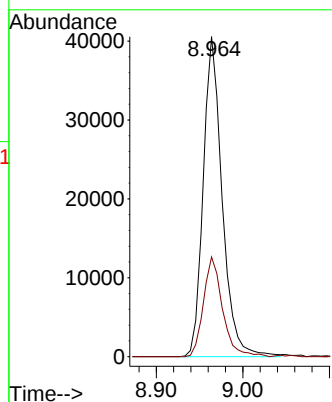
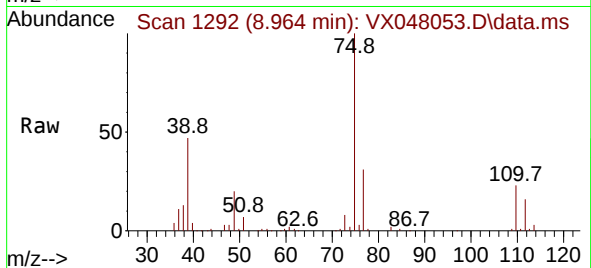
ClientSampleId :

Tgt Ion: 75 Resp: 61692

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#49

cis-1,3-Dichloropropene

Concen: 22.397 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

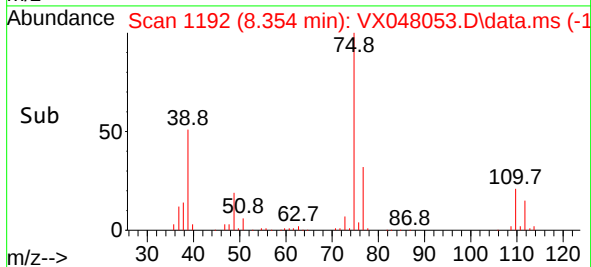
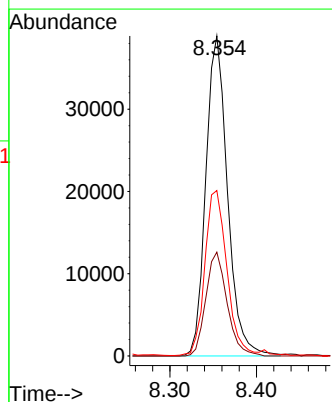
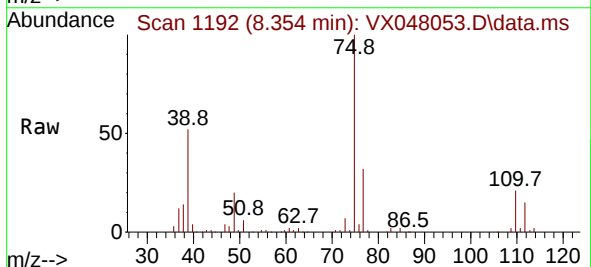
Tgt Ion: 75 Resp: 67709

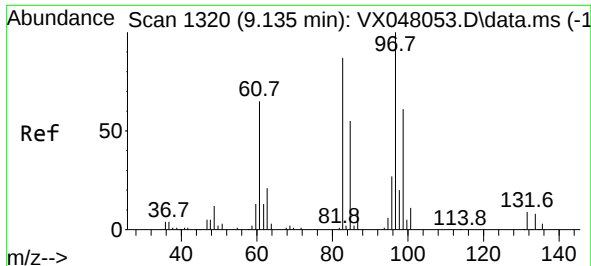
Ion Ratio Lower Upper

75 100

77 33.6 26.9 40.3

39 51.5 41.2 61.8

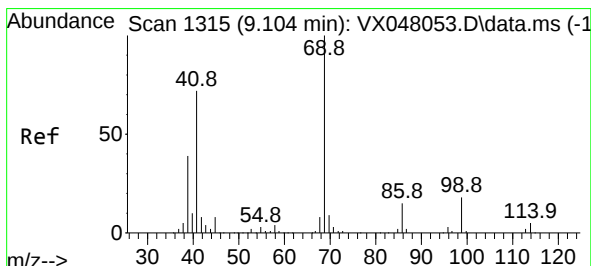
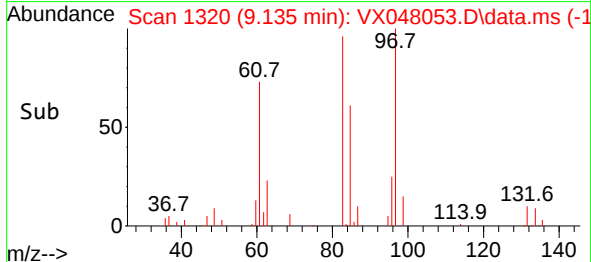
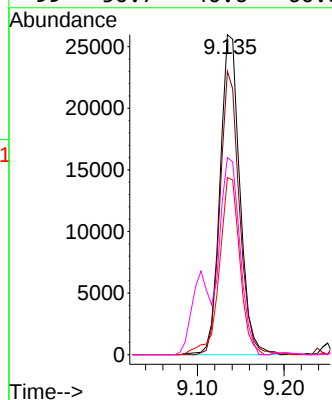
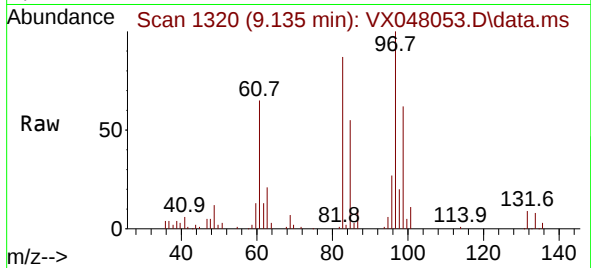




#50  
1,1,2-Trichloroethane  
Concen: 22.308 ug/l  
RT: 9.135 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

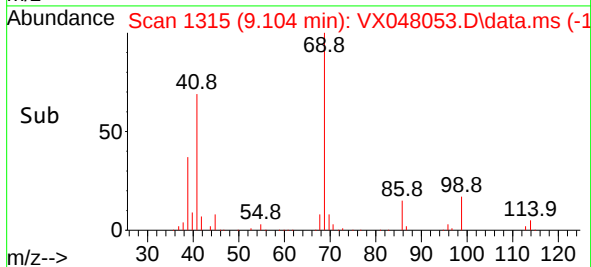
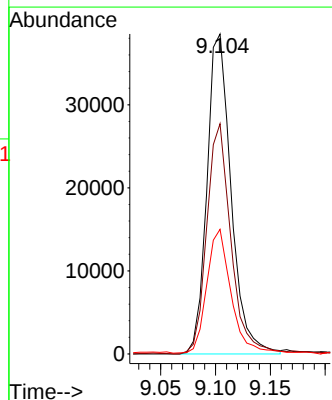
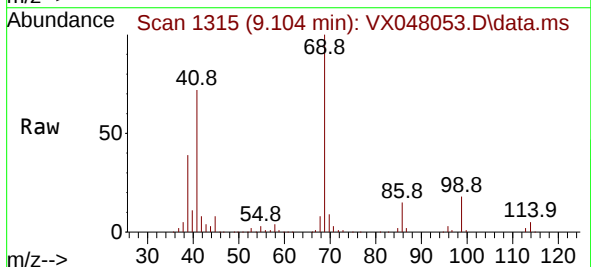
Instrument :  
MSVOA\_X  
ClientSampleId :

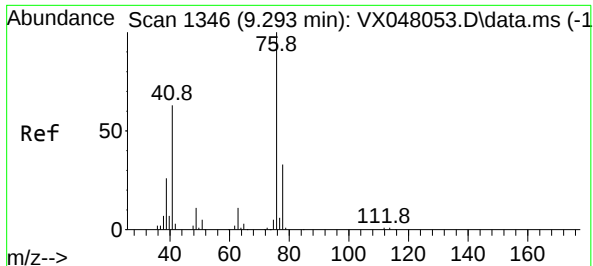
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 41199 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 73.6  | 58.9  | 88.3  |
| 85       | 46.0  | 36.8  | 55.2  |
| 99       | 50.7  | 40.6  | 60.8  |



#51  
Ethyl methacrylate  
Concen: 21.138 ug/l  
RT: 9.104 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 59012 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.9  | 35.9  | 107.8 |
| 39       | 38.6  | 19.3  | 57.9  |





#52

1,3-Dichloropropane

Concen: 22.213 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

Instrument :

MSVOA\_X

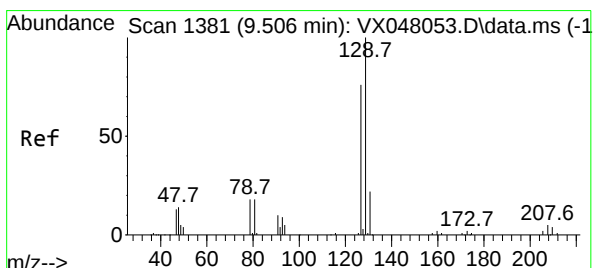
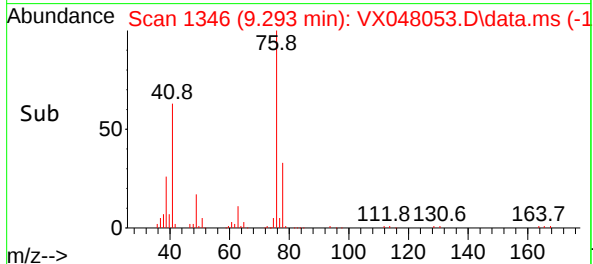
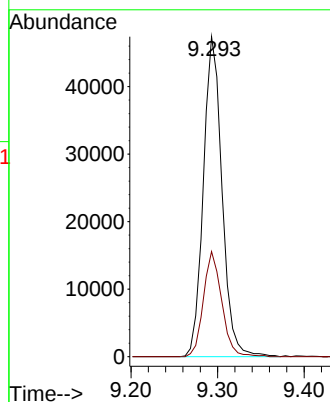
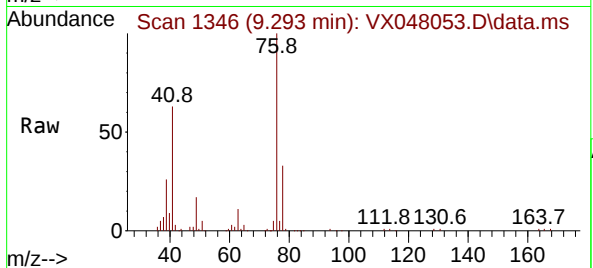
ClientSampleId :

Tgt Ion: 76 Resp: 71049

Ion Ratio Lower Upper

76 100

78 32.1 0.0 64.2



#53

Dibromochloromethane

Concen: 12.837 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VX048053.D

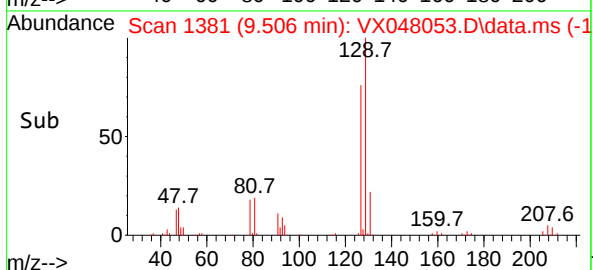
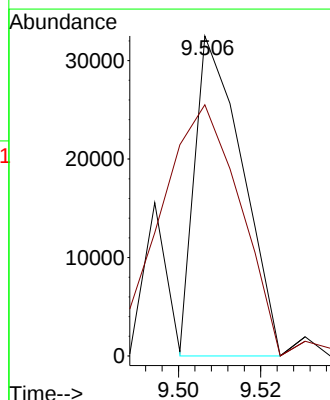
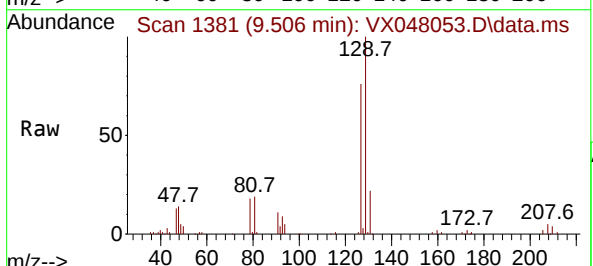
Acq: 07 Oct 2025 17:22

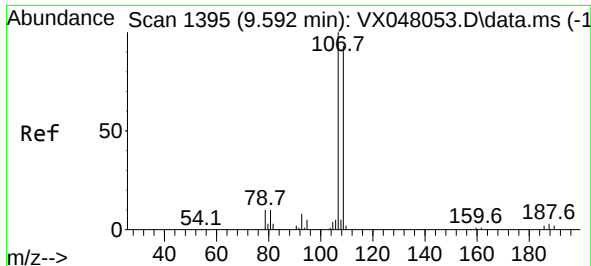
Tgt Ion: 129 Resp: 26062

Ion Ratio Lower Upper

129 100

127 131.6 0.1 0.5#

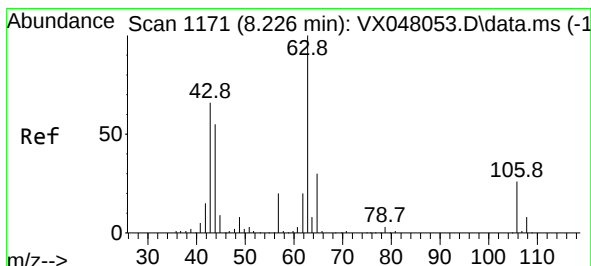
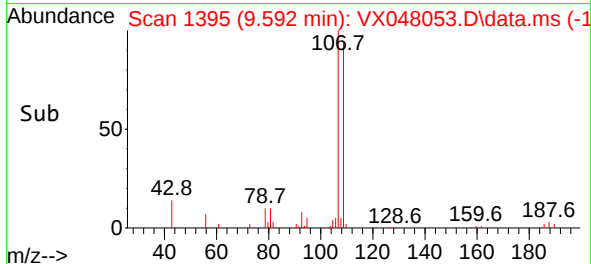
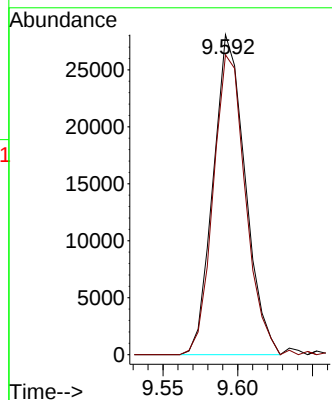
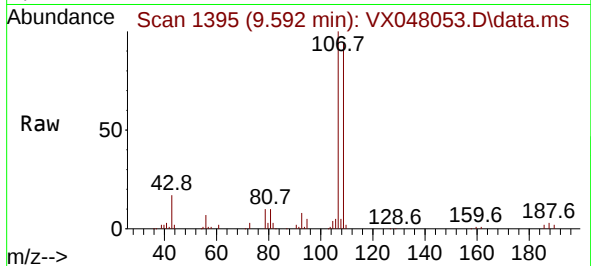




#54  
1,2-Dibromoethane  
Concen: 21.614 ug/l  
RT: 9.592 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

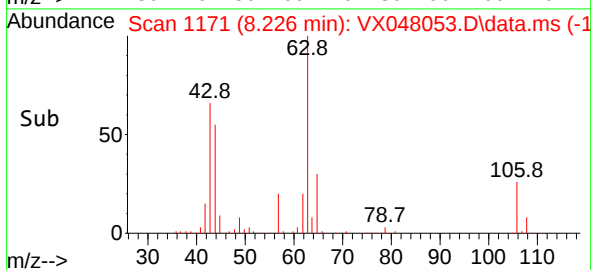
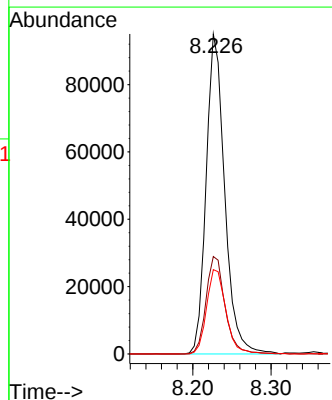
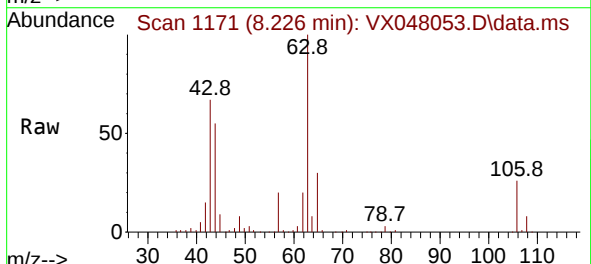
Instrument :  
MSVOA\_X  
ClientSampleId :

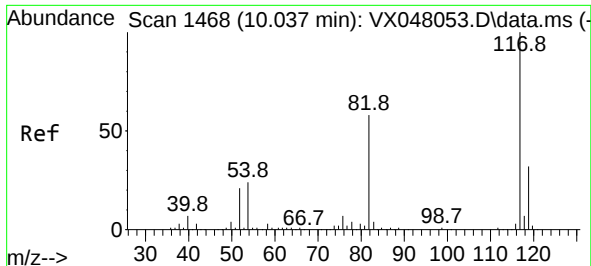
Tgt Ion:107 Resp: 41877  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.2 112.8



#55  
2-Chloroethyl vinyl ether  
Concen: 108.003 ug/l  
RT: 8.226 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 63 Resp: 155938  
Ion Ratio Lower Upper  
63 100  
65 31.2 25.0 37.4  
106 27.4 21.9 32.9

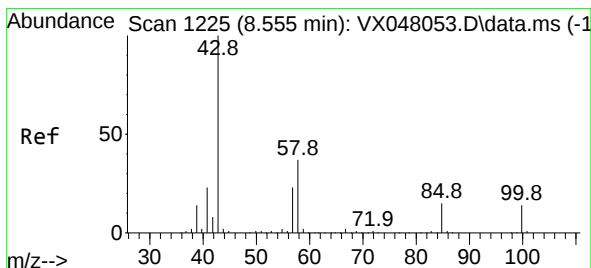
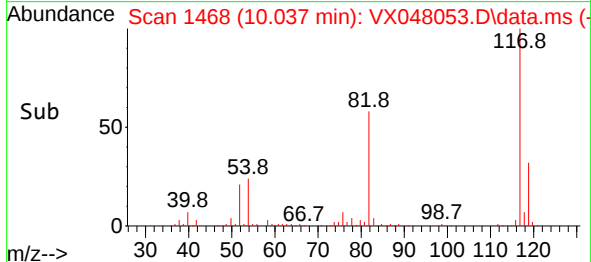
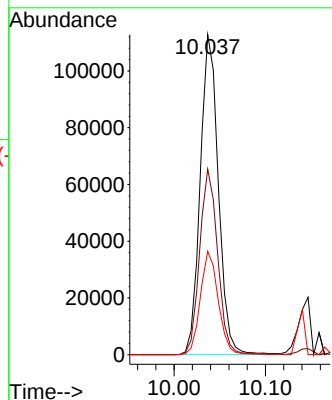
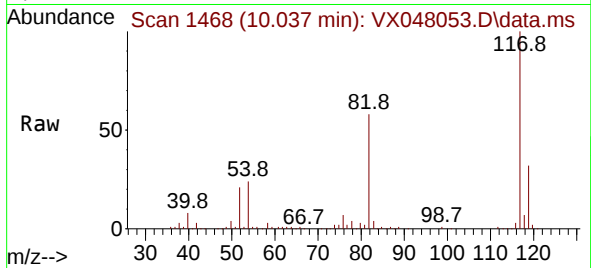




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

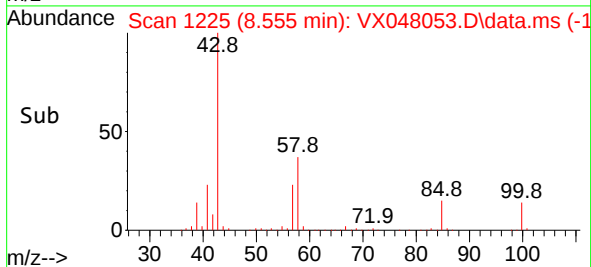
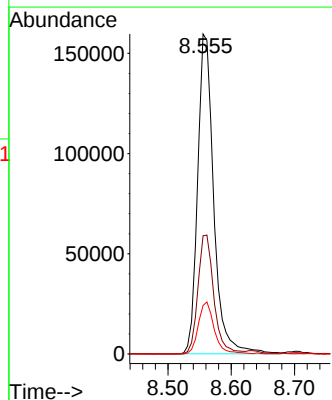
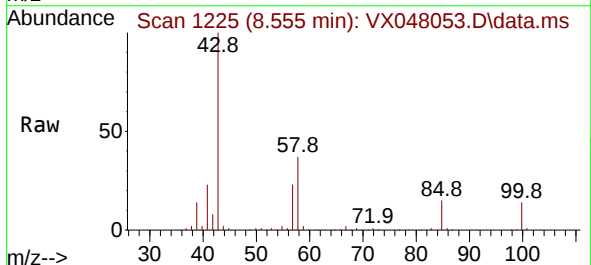
Instrument :  
MSVOA\_X  
ClientSampleId :

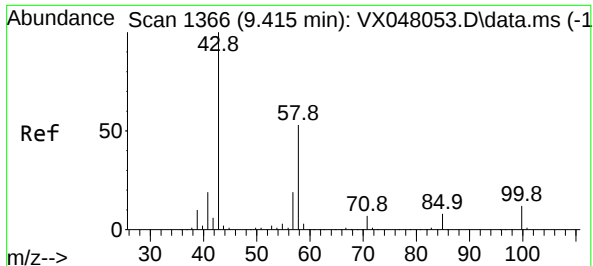
Tgt Ion:117 Resp: 155085  
Ion Ratio Lower Upper  
117 100  
82 57.8 46.2 69.4  
119 32.0 25.6 38.4



#58  
4-Methyl-2-Pentanone  
Concen: 110.969 ug/l  
RT: 8.555 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 43 Resp: 282895  
Ion Ratio Lower Upper  
43 100  
58 36.9 29.5 44.3  
85 16.0 12.8 19.2

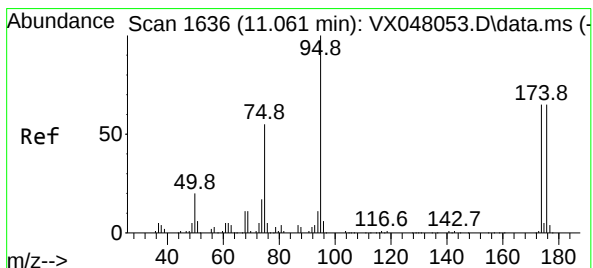
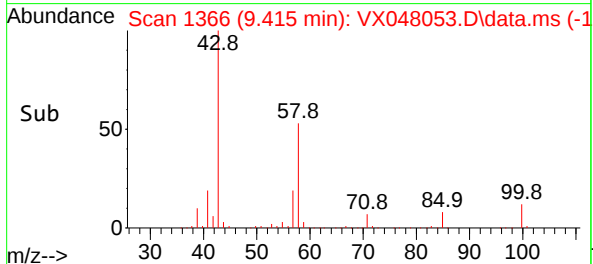
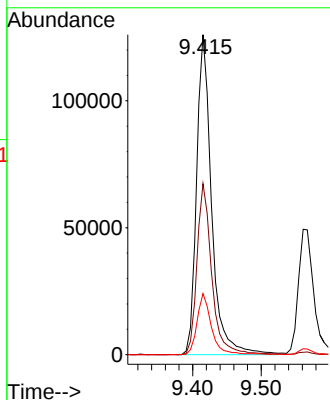
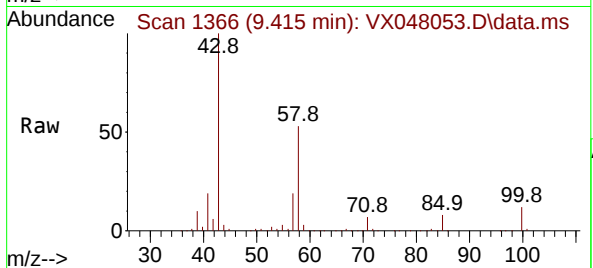




#59  
2-Hexanone  
Concen: 107.980 ug/l  
RT: 9.415 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

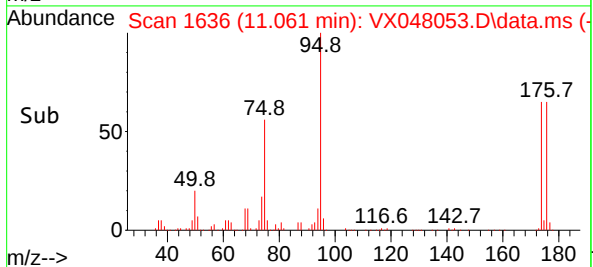
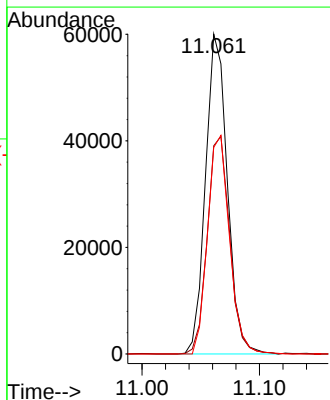
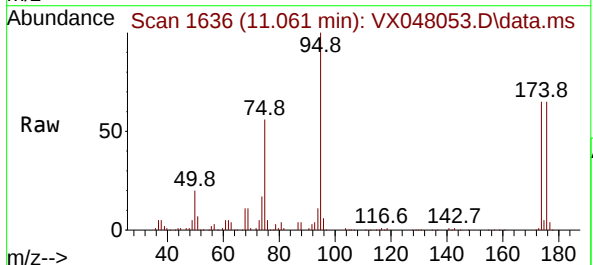
Instrument :  
MSVOA\_X  
ClientSampleId :

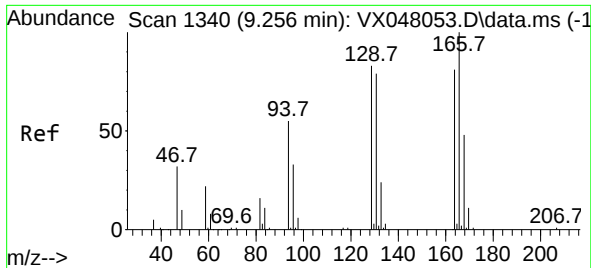
Tgt Ion: 43 Resp: 192549  
Ion Ratio Lower Upper  
43 100  
58 52.7 42.2 63.2  
57 17.8 14.2 21.4



#60  
4-Bromofluorobenzene  
Concen: 29.747 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

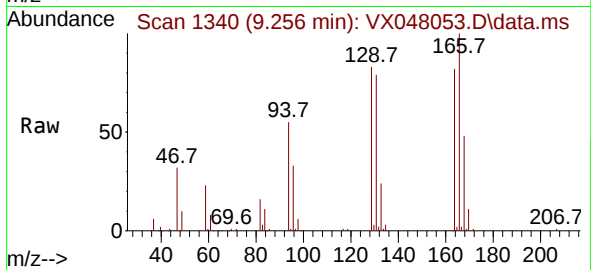
Tgt Ion: 95 Resp: 77587  
Ion Ratio Lower Upper  
95 100  
174 69.8 55.8 83.8  
176 68.7 55.0 82.4



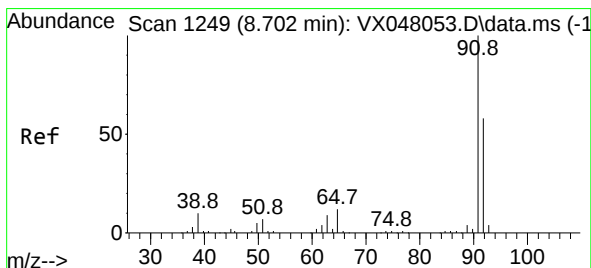
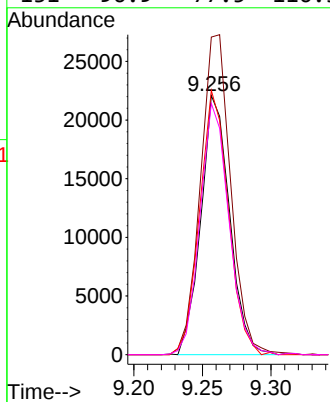
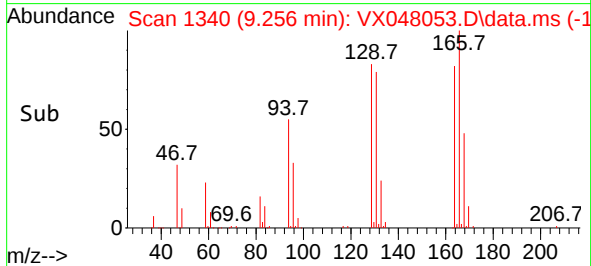


#61  
Tetrachloroethene  
Concen: 20.059 ug/l  
RT: 9.256 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Instrument :  
MSVOA\_X  
ClientSampleId :

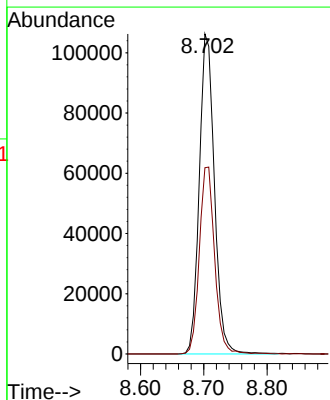
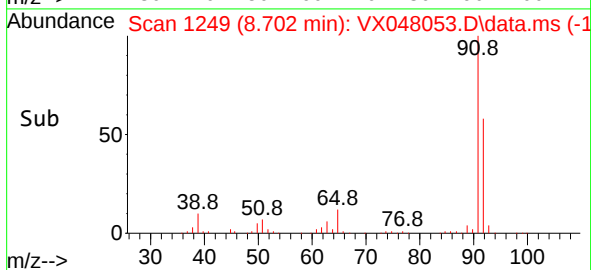
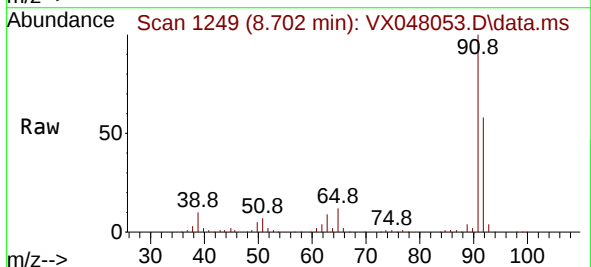


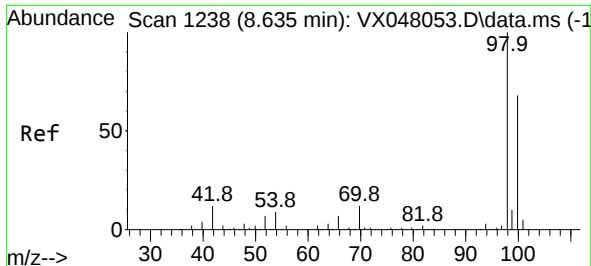
Tgt Ion:164 Resp: 32166  
Ion Ratio Lower Upper  
164 100  
166 121.6 97.3 145.9  
129 102.0 81.6 122.4  
131 96.9 77.5 116.3



#62  
Toluene  
Concen: 21.178 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 91 Resp: 177232  
Ion Ratio Lower Upper  
91 100  
92 58.9 47.1 70.7

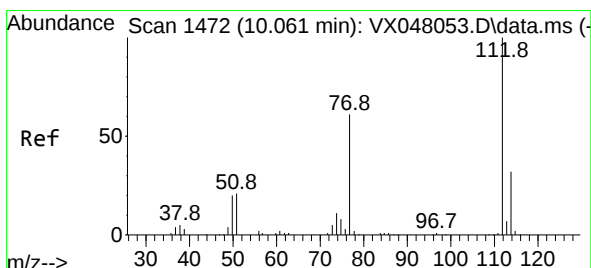
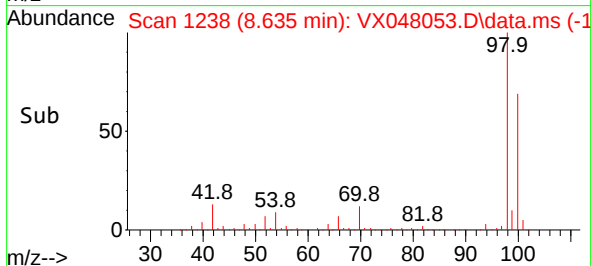
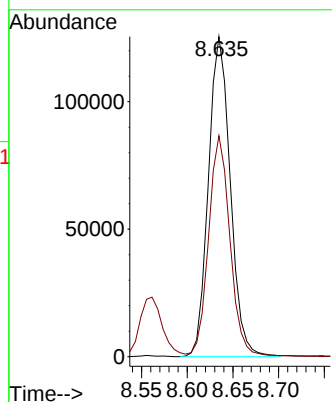
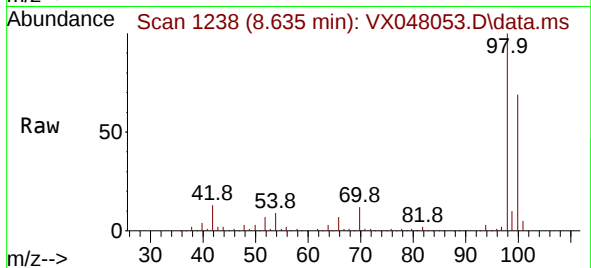




#63  
Toluene-d8  
Concen: 30.182 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

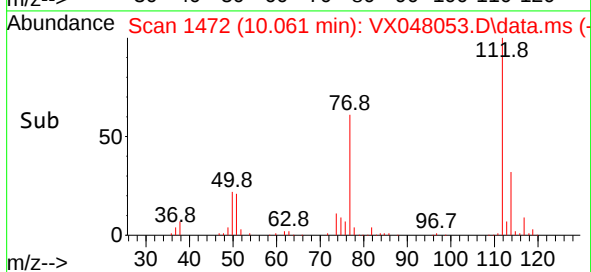
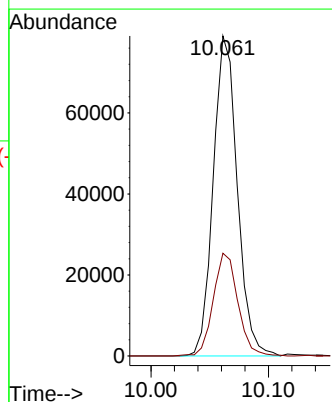
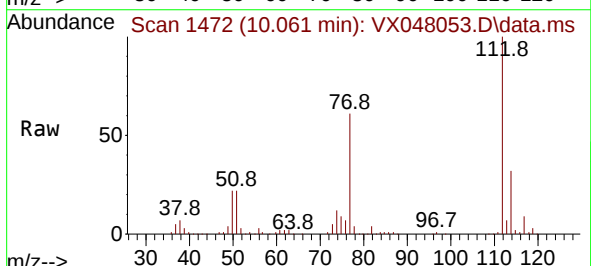
Instrument :  
MSVOA\_X  
ClientSampleId :

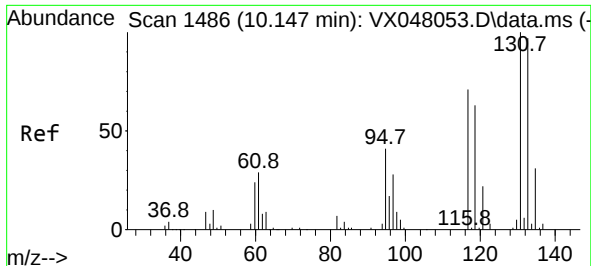
Tgt Ion: 98 Resp: 208838  
Ion Ratio Lower Upper  
98 100  
100 67.6 54.1 81.1



#64  
Chlorobenzene  
Concen: 20.772 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 112 Resp: 112344  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 21.595 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

Instrument :

MSVOA\_X

ClientSampleId :

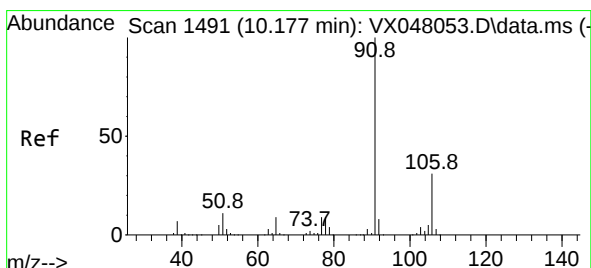
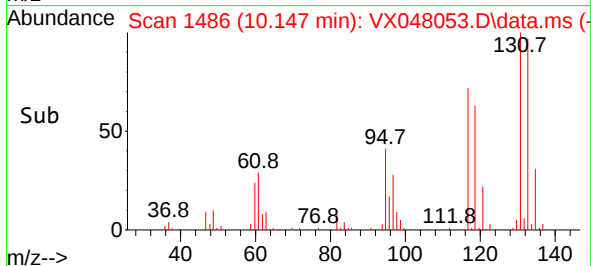
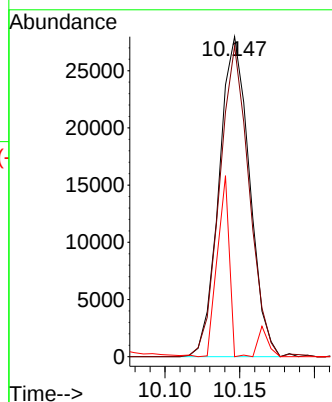
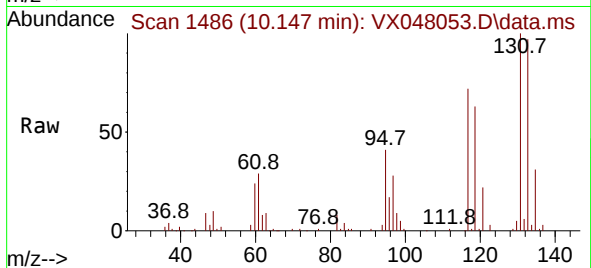
Tgt Ion:131 Resp: 39495

Ion Ratio Lower Upper

131 100

133 94.0 0.0 188.0

119 22.2 0.0 44.4



#66

Ethyl Benzene

Concen: 19.943 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048053.D

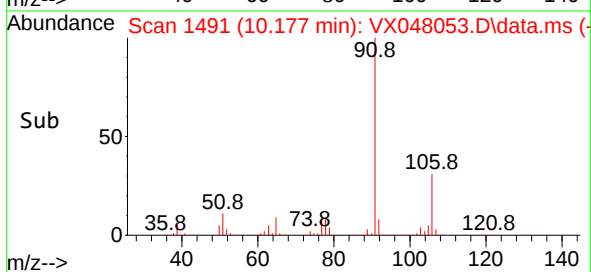
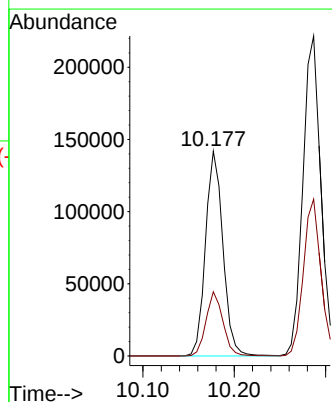
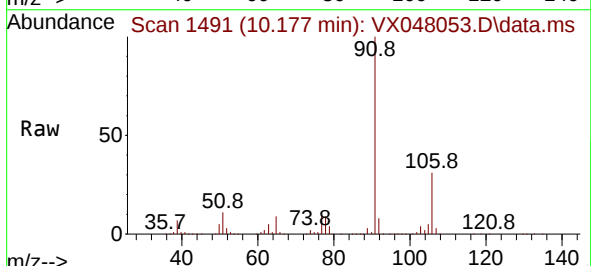
Acq: 07 Oct 2025 17:22

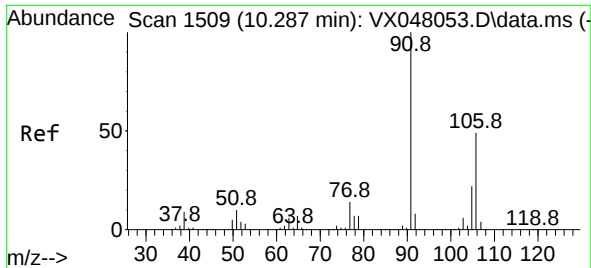
Tgt Ion: 91 Resp: 188474

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6

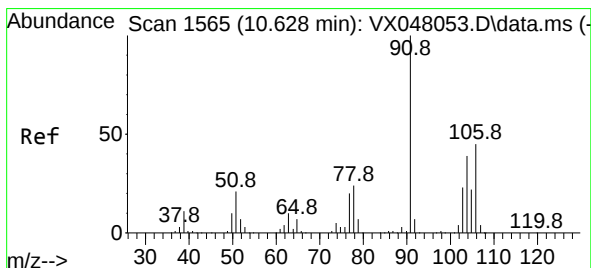
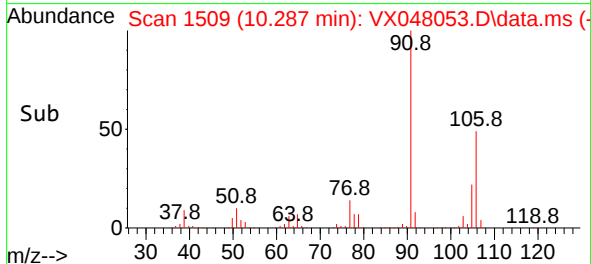
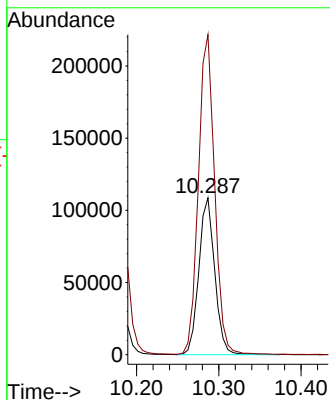
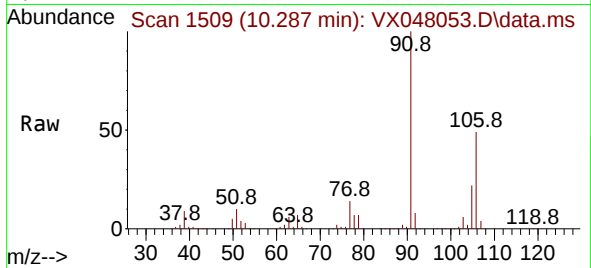




#67  
m/p-Xylenes  
Concen: 41.542 ug/l  
RT: 10.287 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

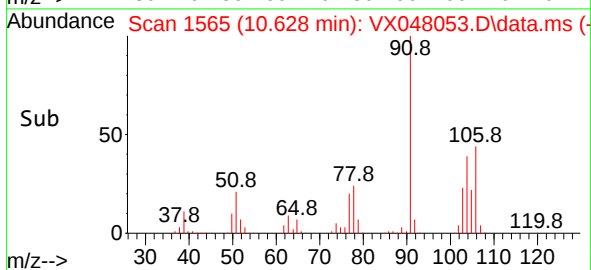
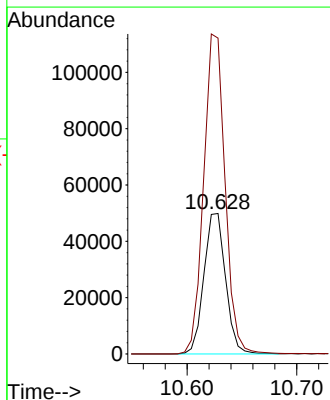
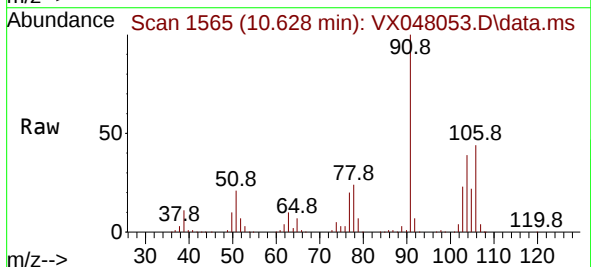
Instrument :  
MSVOA\_X  
ClientSampleId :

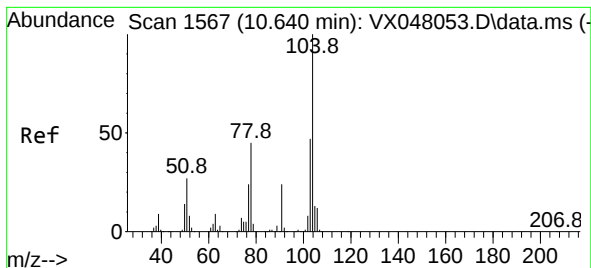
Tgt Ion:106 Resp: 146341  
Ion Ratio Lower Upper  
106 100  
91 207.2 165.8 248.6



#68  
o-Xylene  
Concen: 20.294 ug/l  
RT: 10.628 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion:106 Resp: 68521  
Ion Ratio Lower Upper  
106 100  
91 225.1 112.6 337.6





#69

Styrene

Concen: 21.193 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

Instrument :

MSVOA\_X

ClientSampleId :

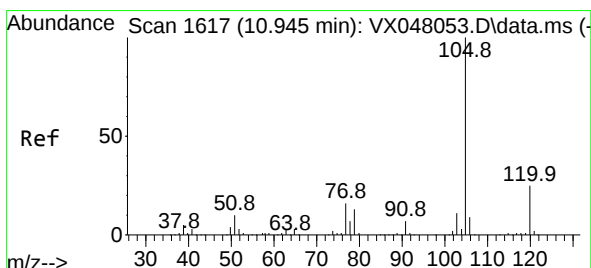
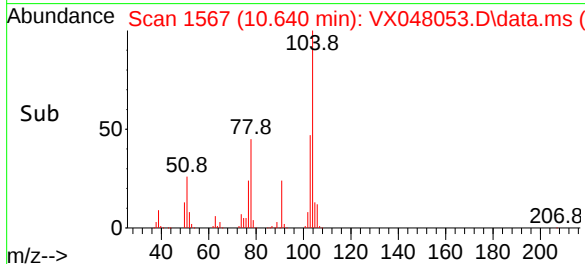
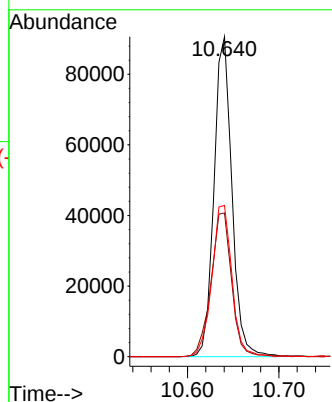
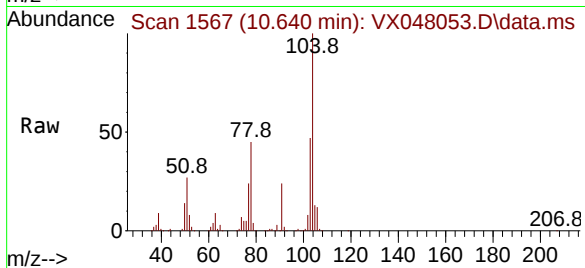
Tgt Ion:104 Resp: 123486

Ion Ratio Lower Upper

104 100

78 51.7 41.4 62.0

103 53.0 42.4 63.6



#70

Isopropylbenzene

Concen: 19.634 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VX048053.D

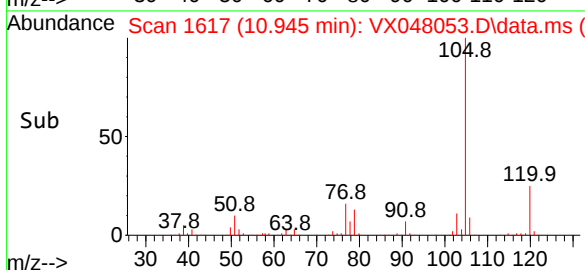
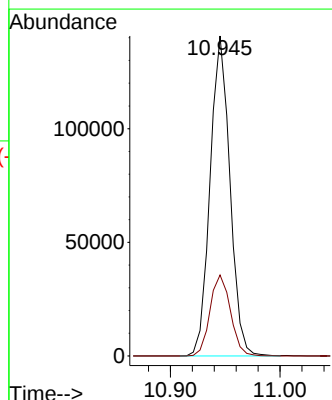
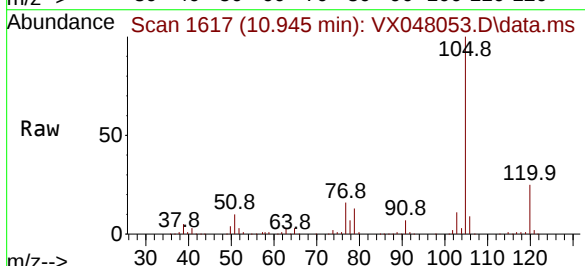
Acq: 07 Oct 2025 17:22

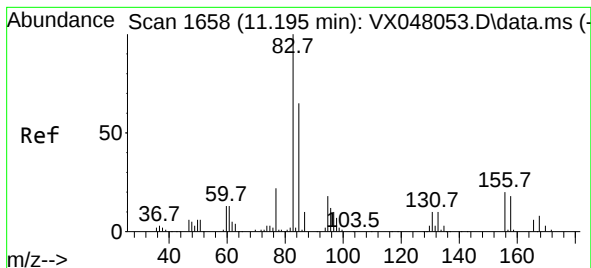
Tgt Ion:105 Resp: 176649

Ion Ratio Lower Upper

105 100

120 26.1 18.3 33.9





#71

1,1,2,2-Tetrachloroethane

Concen: 21.588 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

Instrument :

MSVOA\_X

ClientSampleId :

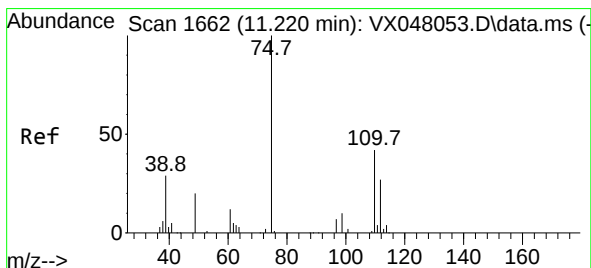
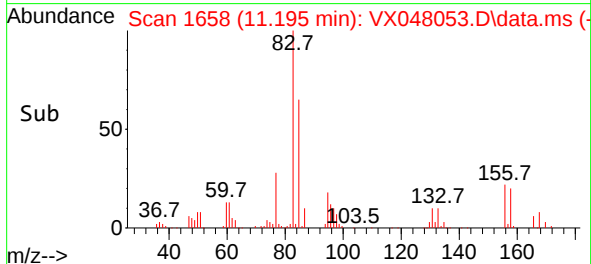
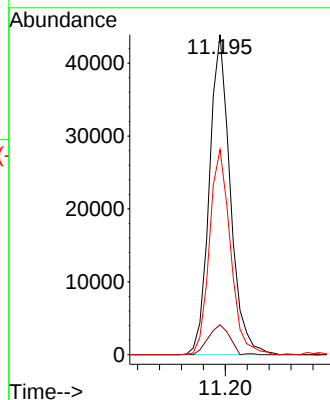
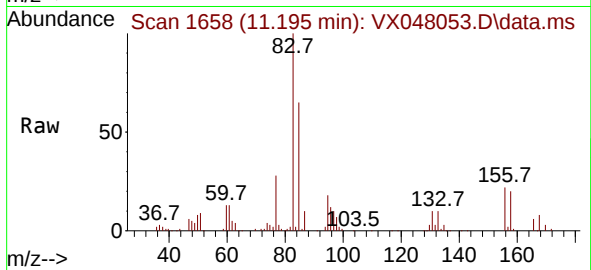
Tgt Ion: 83 Resp: 58107

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

85 64.1 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 27.270 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. 0.000 min

Lab File: VX048053.D

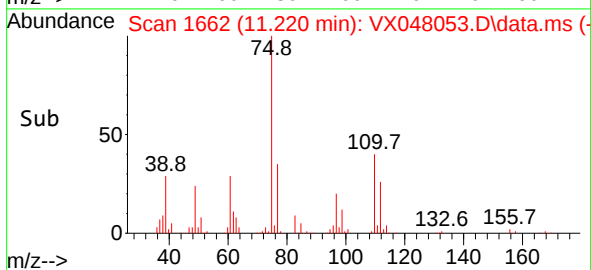
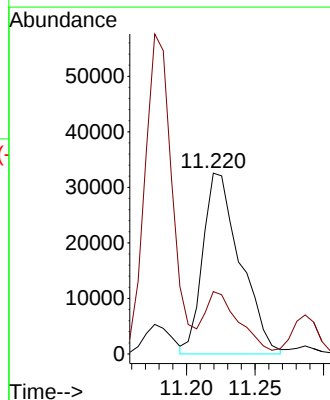
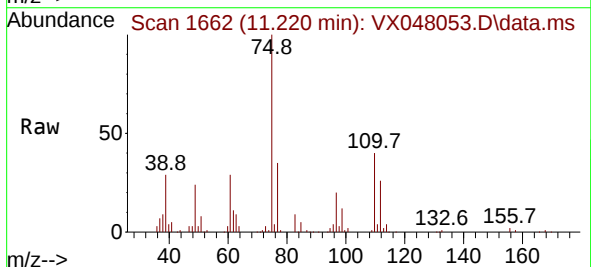
Acq: 07 Oct 2025 17:22

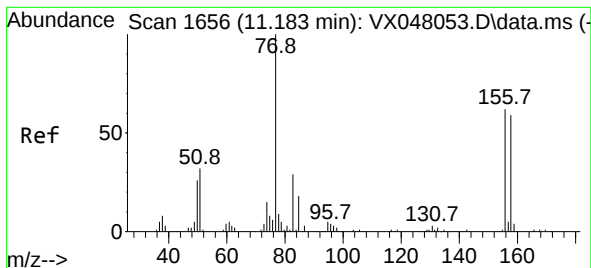
Tgt Ion: 75 Resp: 61962

Ion Ratio Lower Upper

75 100

77 31.1 0.0 76.4





#73

Bromobenzene

Concen: 20.404 ug/l

RT: 11.183 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

Instrument :

MSVOA\_X

ClientSampleId :

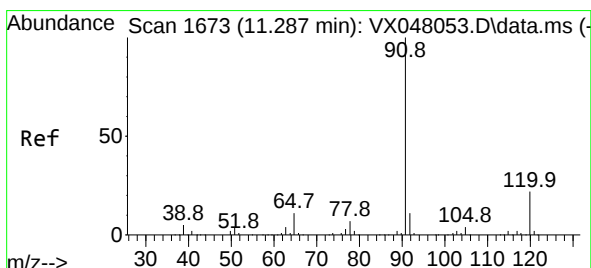
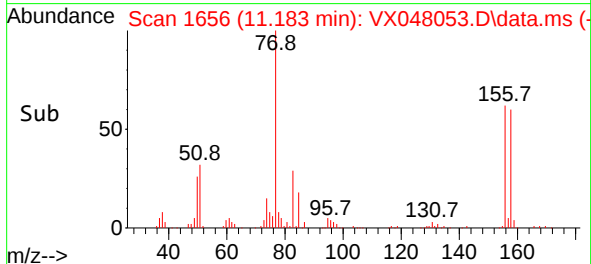
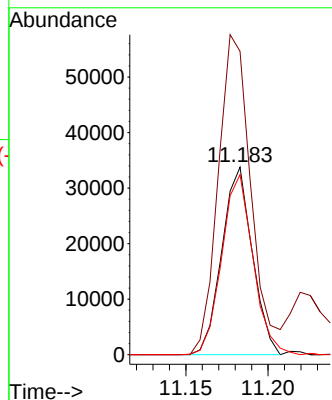
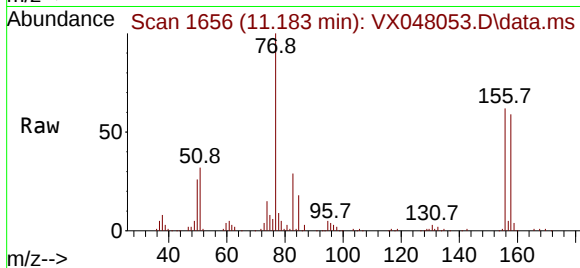
Tgt Ion:156 Resp: 43573

Ion Ratio Lower Upper

156 100

77 183.1 0.0 366.2

158 98.4 0.0 196.8



#74

n-propylbenzene

Concen: 19.706 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048053.D

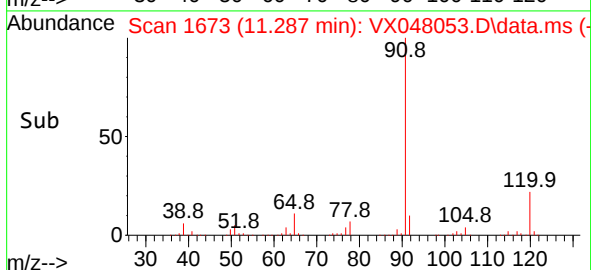
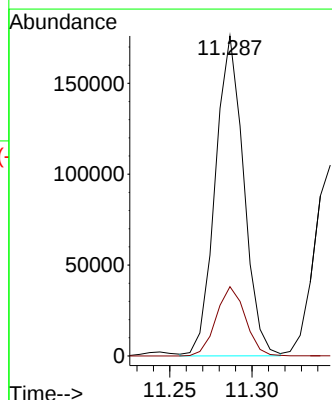
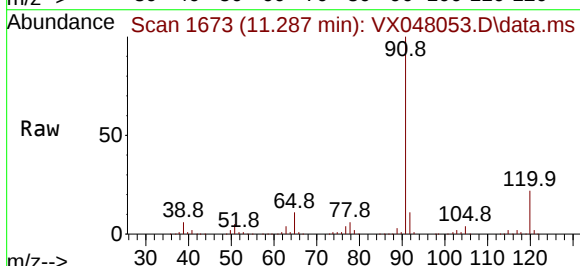
Acq: 07 Oct 2025 17:22

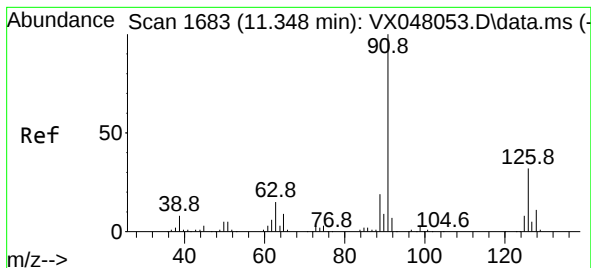
Tgt Ion: 91 Resp: 211688

Ion Ratio Lower Upper

91 100

120 22.1 0.0 44.2

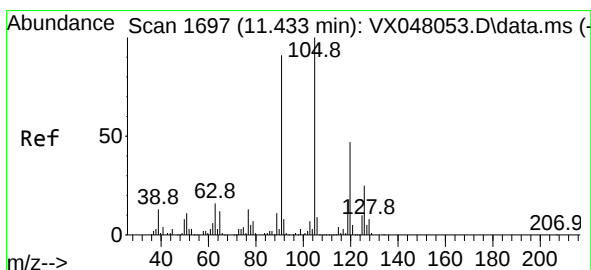
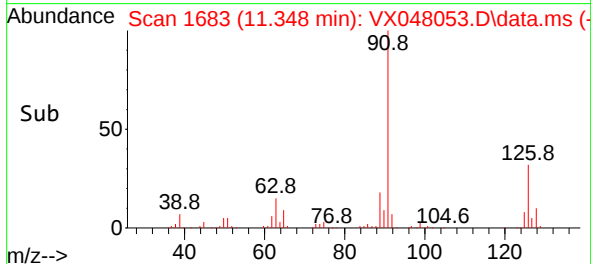
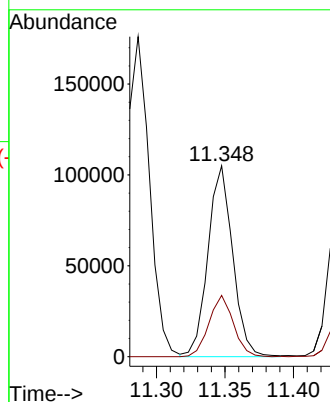
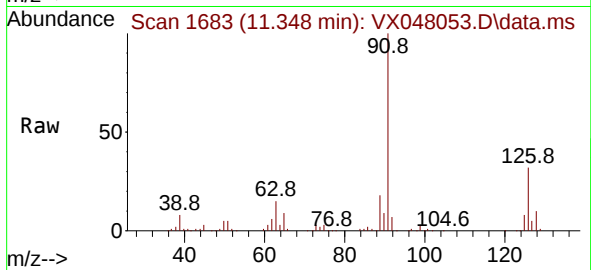




#75  
2-Chlorotoluene  
Concen: 20.381 ug/l  
RT: 11.348 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

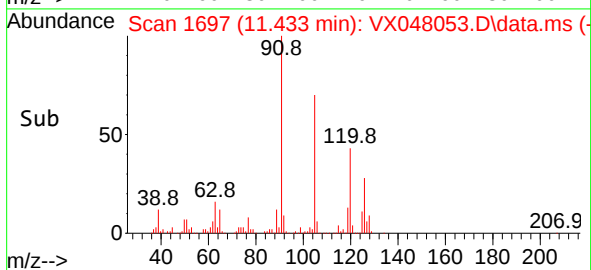
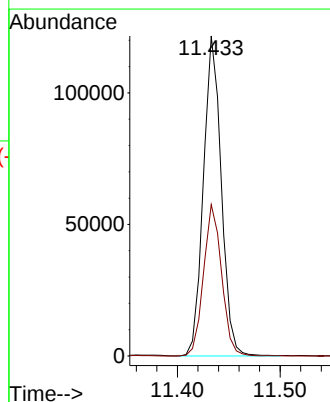
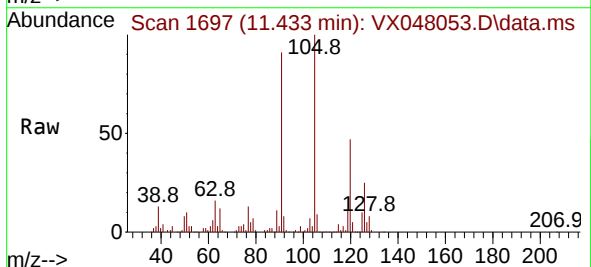
Instrument :  
MSVOA\_X  
ClientSampleId :

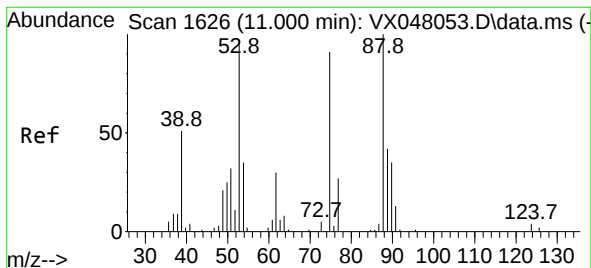
Tgt Ion: 91 Resp: 132003  
Ion Ratio Lower Upper  
91 100  
126 31.6 0.0 63.2



#76  
1,3,5-Trimethylbenzene  
Concen: 19.753 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 105 Resp: 147370  
Ion Ratio Lower Upper  
105 100  
120 47.7 0.0 95.4

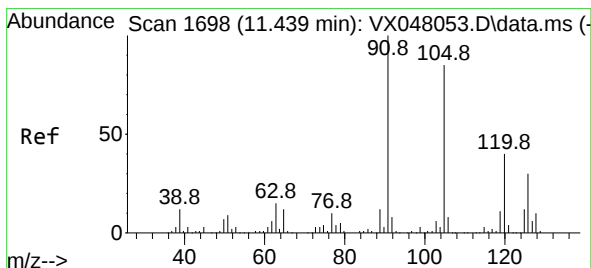
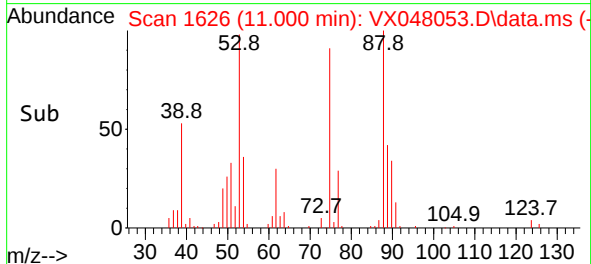
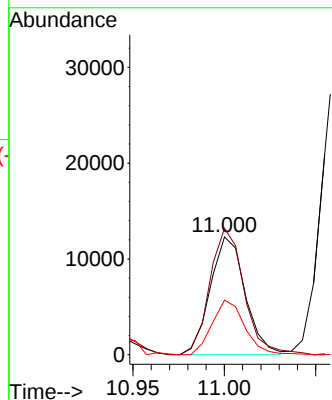
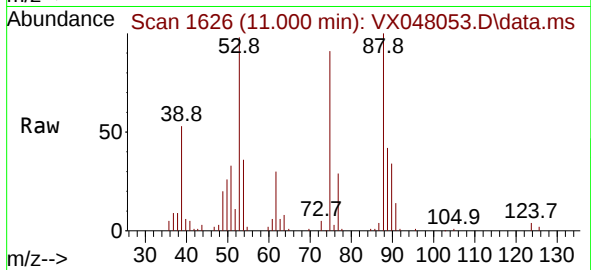




#77  
t-1,4-Dichloro-2-butene  
Concen: 21.147 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

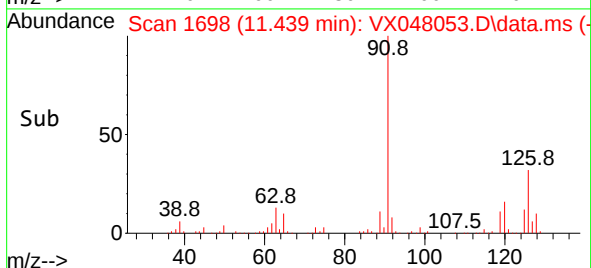
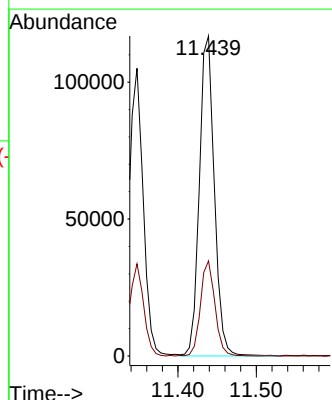
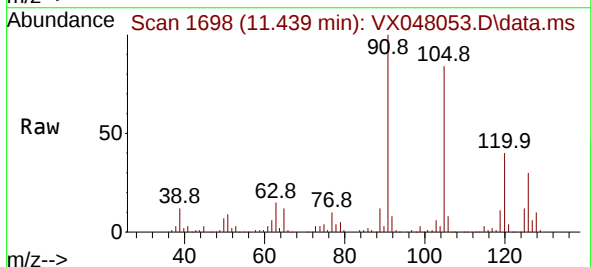
Instrument :  
MSVOA\_X  
ClientSampleId :

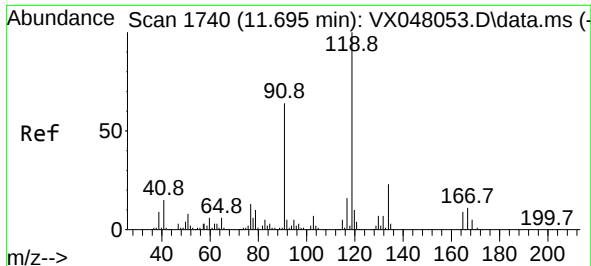
Tgt Ion: 75 Resp: 16356  
Ion Ratio Lower Upper  
75 100  
53 107.4 53.7 161.1  
89 46.3 23.2 69.5



#78  
4-Chlorotoluene  
Concen: 20.713 ug/l  
RT: 11.439 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 91 Resp: 155329  
Ion Ratio Lower Upper  
91 100  
126 28.6 0.0 57.2

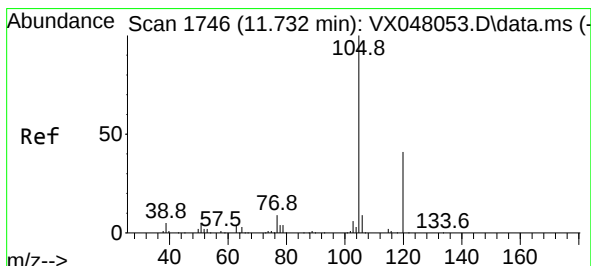
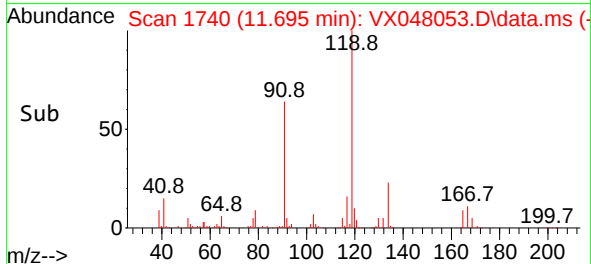
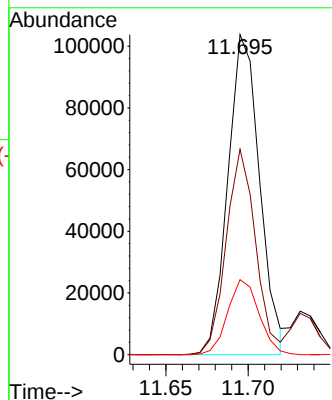
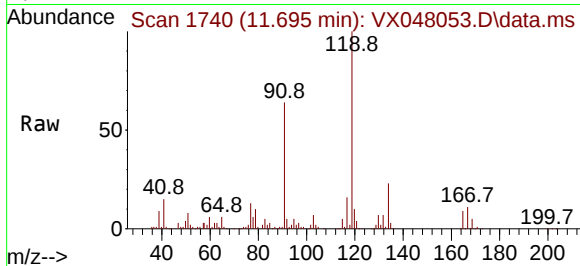




#79  
tert-butylbenzene  
Concen: 18.890 ug/l  
RT: 11.695 min Scan# 1740  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

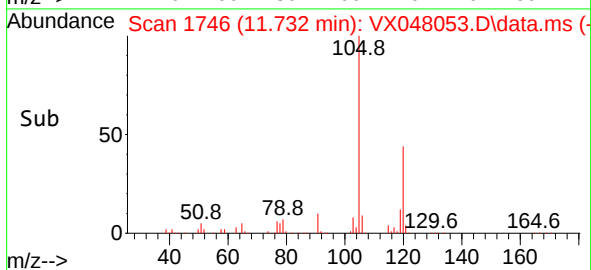
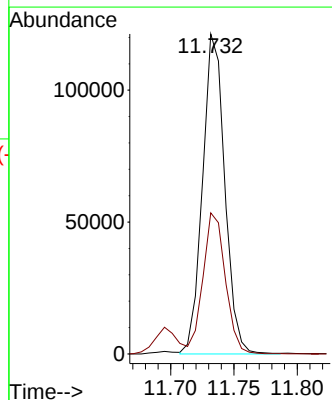
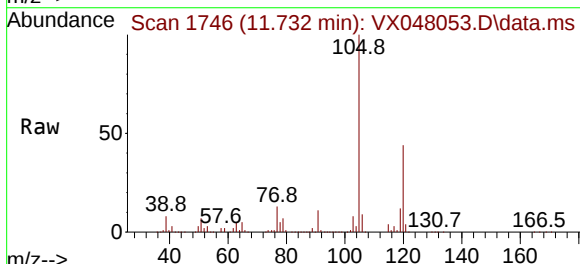
Instrument :  
MSVOA\_X  
ClientSampleId :

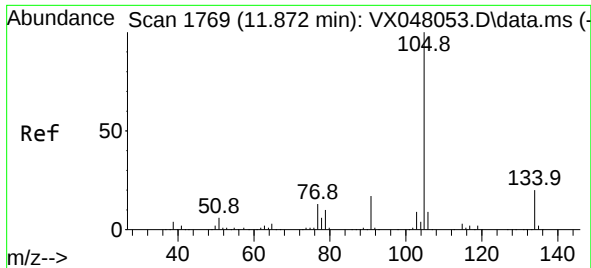
Tgt Ion:119 Resp: 139219  
Ion Ratio Lower Upper  
119 100  
91 59.5 0.0 119.0  
134 23.2 0.0 46.4



#80  
1,2,4-Trimethylbenzene  
Concen: 20.097 ug/l  
RT: 11.732 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion:105 Resp: 148602  
Ion Ratio Lower Upper  
105 100  
120 44.3 0.0 88.6

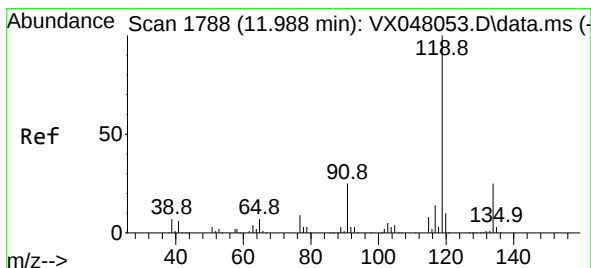
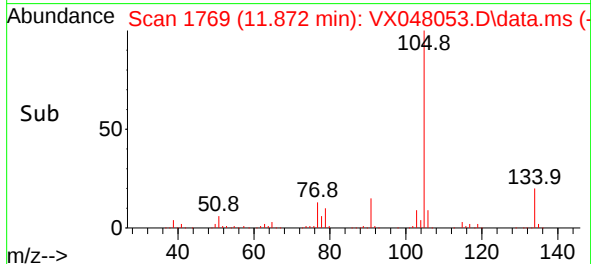
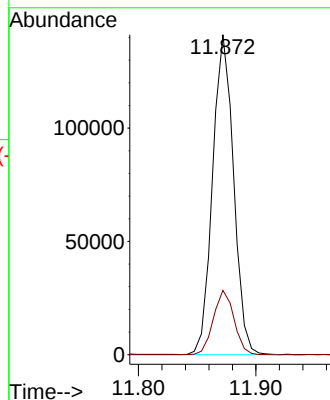
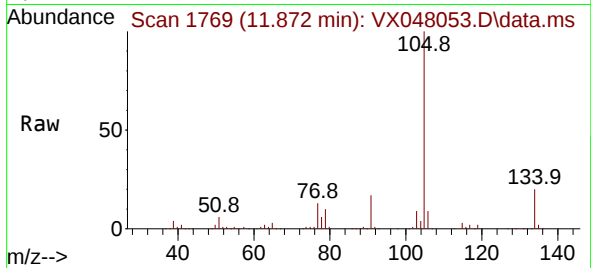




#81  
 sec-Butylbenzene  
 Concen: 18.629 ug/l  
 RT: 11.872 min Scan# 1769  
 Delta R.T. 0.000 min  
 Lab File: VX048053.D  
 Acq: 07 Oct 2025 17:22

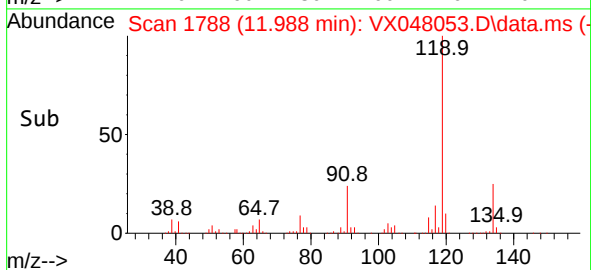
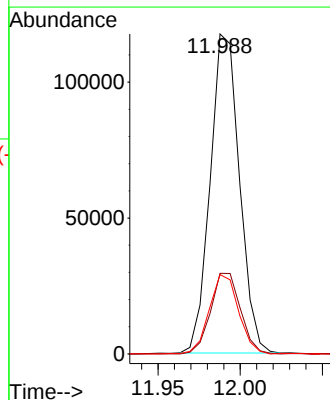
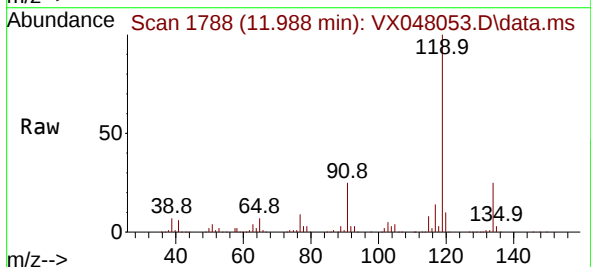
Instrument :  
 MSVOA\_X  
 ClientSampleId :

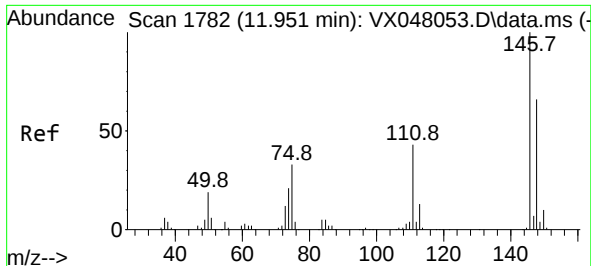
Tgt Ion:105 Resp: 175061  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 0.0 39.4



#82  
 p-Isopropyltoluene  
 Concen: 18.852 ug/l  
 RT: 11.988 min Scan# 1788  
 Delta R.T. 0.000 min  
 Lab File: VX048053.D  
 Acq: 07 Oct 2025 17:22

Tgt Ion:119 Resp: 145556  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 0.0 51.6  
 91 24.9 0.0 49.8

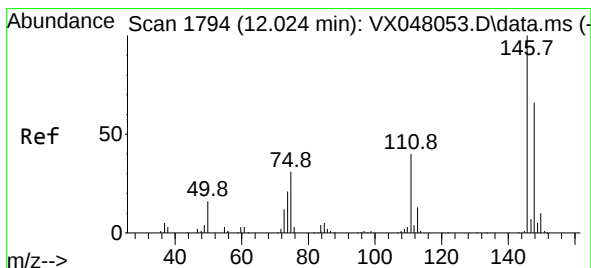
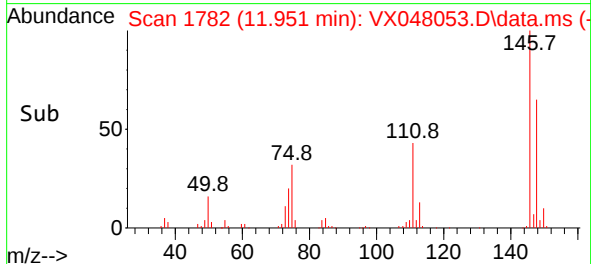
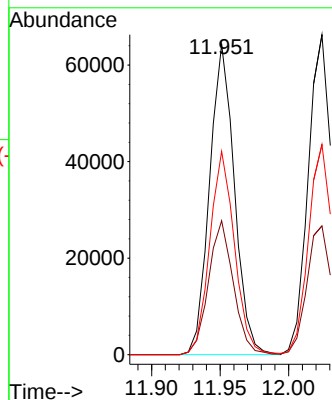
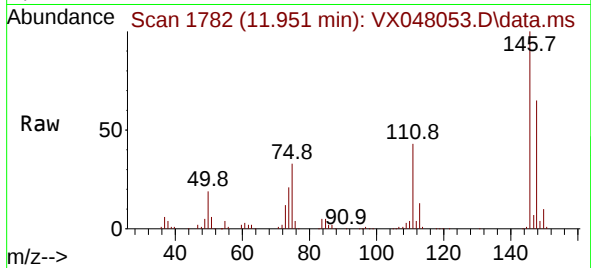




#83  
1,3-Dichlorobenzene  
Concen: 20.470 ug/l  
RT: 11.951 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

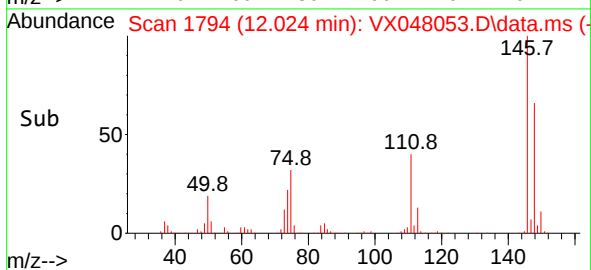
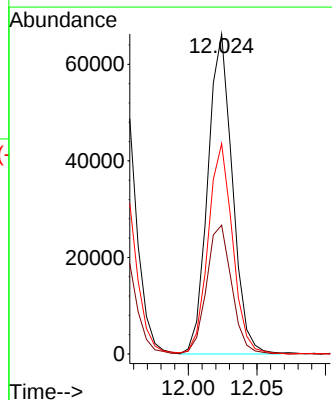
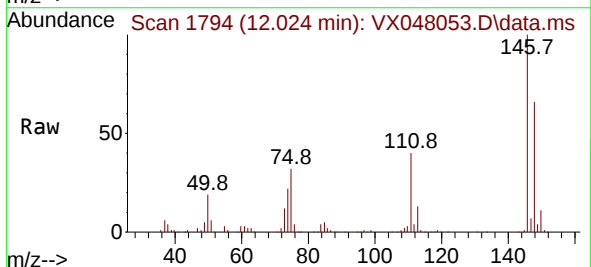
Instrument :  
MSVOA\_X  
ClientSampleId :

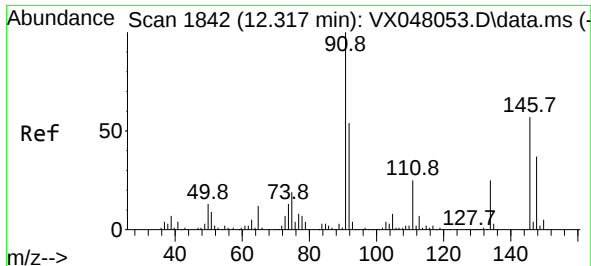
Tgt Ion:146 Resp: 81057  
Ion Ratio Lower Upper  
146 100  
111 43.2 21.6 64.8  
148 65.4 32.7 98.1



#84  
1,4-Dichlorobenzene  
Concen: 20.747 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion:146 Resp: 82713  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.6 61.8  
148 65.3 32.6 98.0

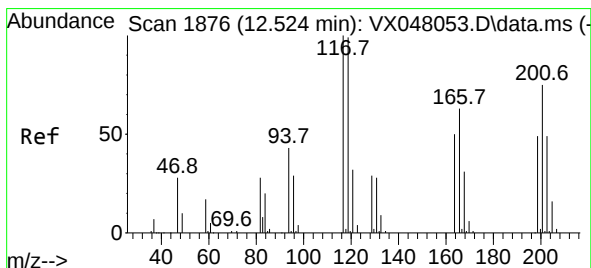
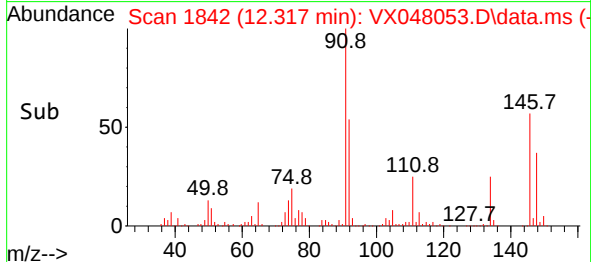
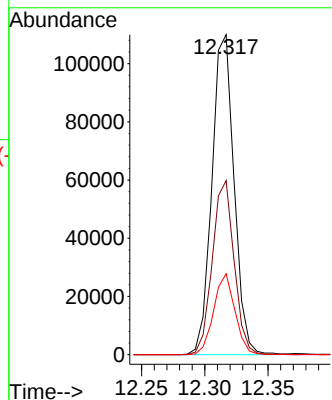
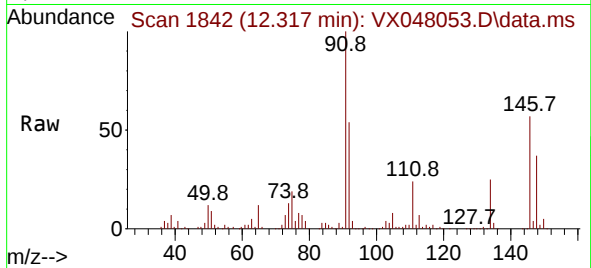




#85  
n-Butylbenzene  
Concen: 18.156 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

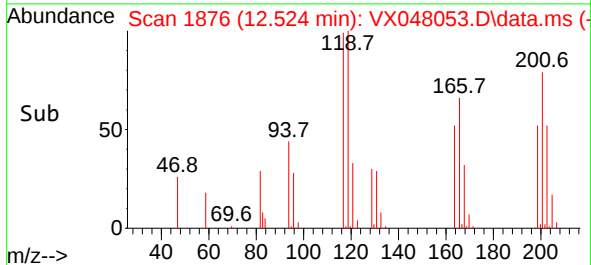
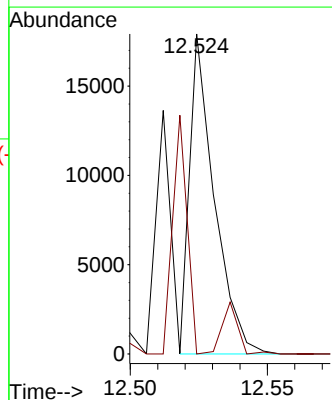
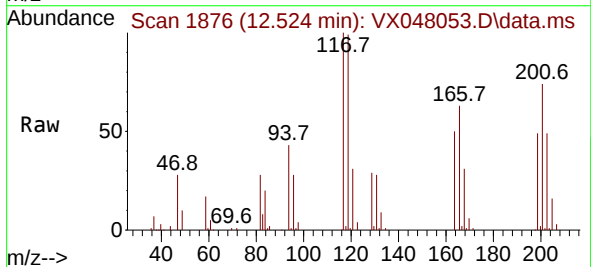
Instrument :  
MSVOA\_X  
ClientSampleId :

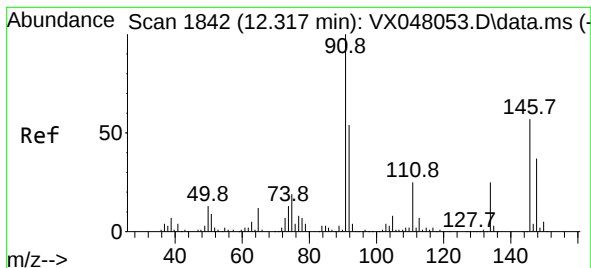
Tgt Ion: 91 Resp: 133823  
Ion Ratio Lower Upper  
91 100  
92 53.4 0.0 106.8  
134 24.2 0.0 48.4



#86  
Hexachloroethane  
Concen: 8.908 ug/l  
RT: 12.524 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion: 117 Resp: 11272  
Ion Ratio Lower Upper  
117 100  
201 43.4 14.6 44.0





#87

1,2-Dichlorobenzene

Concen: 20.695 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.000 min

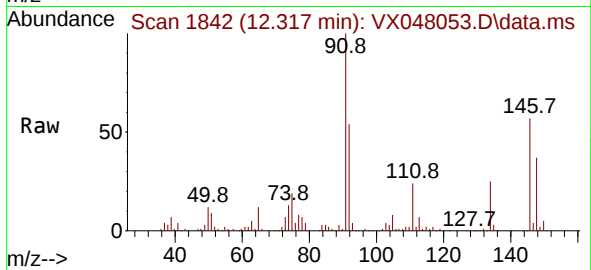
Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

Instrument :

MSVOA\_X

ClientSampleId :



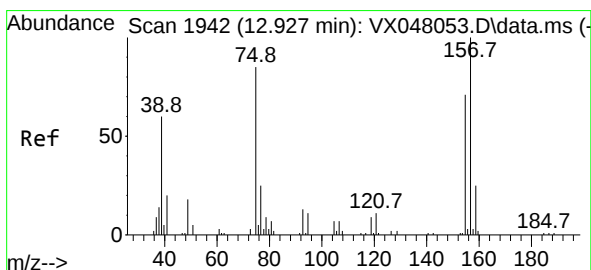
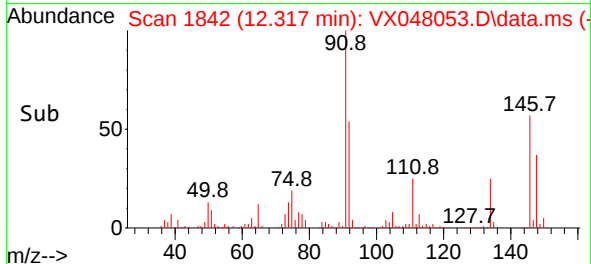
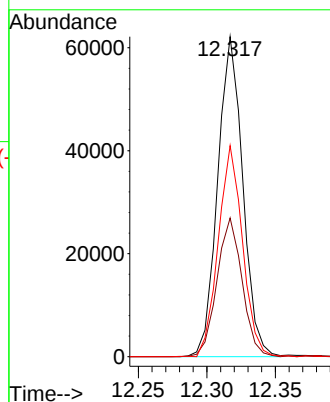
Tgt Ion:146 Resp: 78904

Ion Ratio Lower Upper

146 100

111 43.4 21.7 65.1

148 63.9 31.9 95.9



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.496 ug/l

RT: 12.927 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

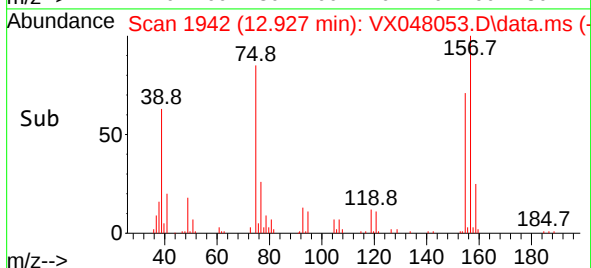
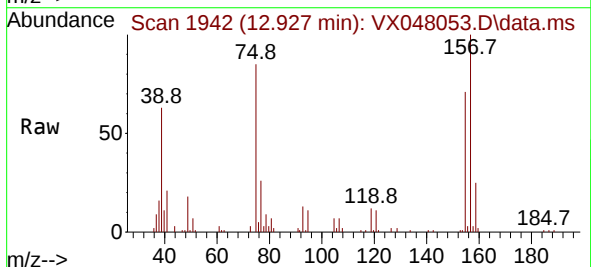
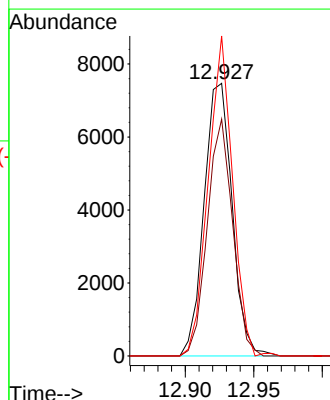
Tgt Ion: 75 Resp: 10652

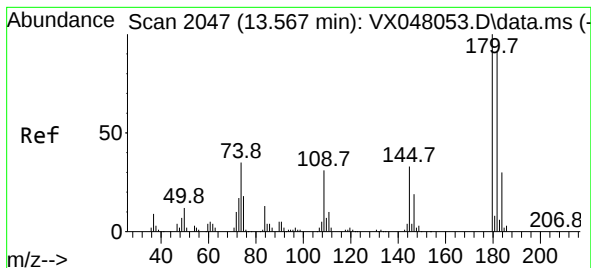
Ion Ratio Lower Upper

75 100

155 78.5 62.8 94.2

157 101.4 81.1 121.7





#89

1,2,4-Trichlorobenzene

Concen: 18.706 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

Instrument :

MSVOA\_X

ClientSampleId :

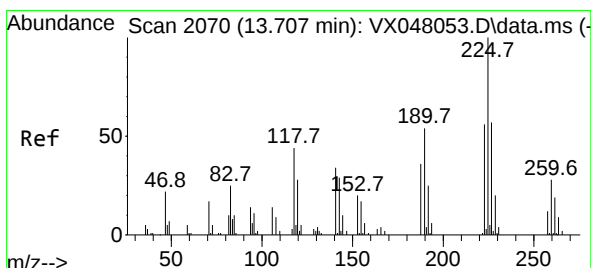
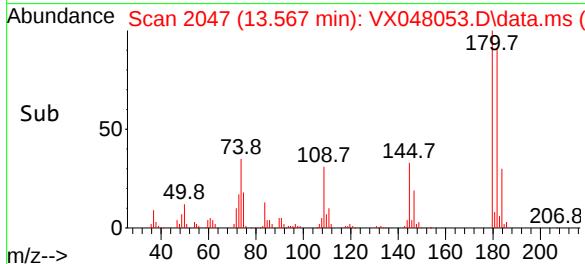
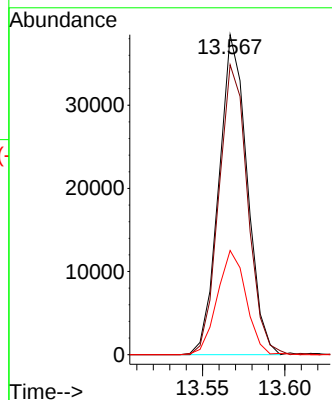
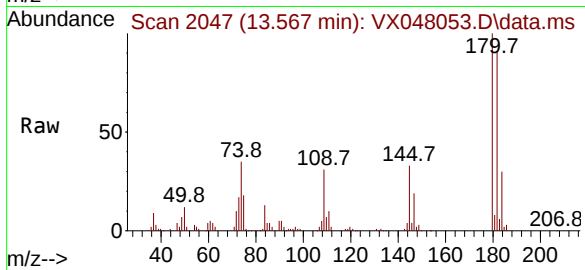
Tgt Ion:180 Resp: 46137

Ion Ratio Lower Upper

180 100

182 91.7 73.4 110.0

145 32.8 26.2 39.4



#90

Hexachlorobutadiene

Concen: 13.713 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048053.D

Acq: 07 Oct 2025 17:22

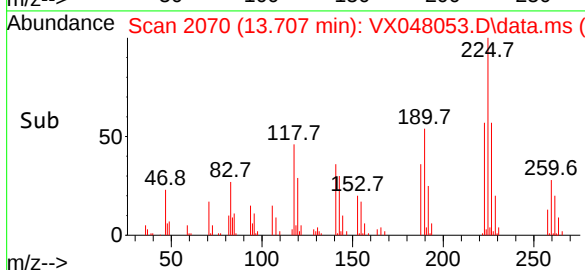
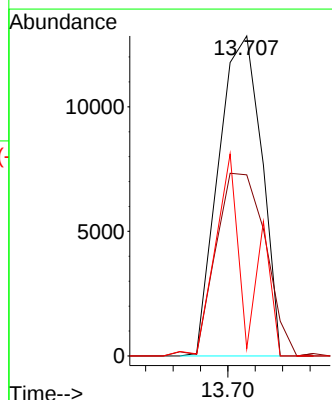
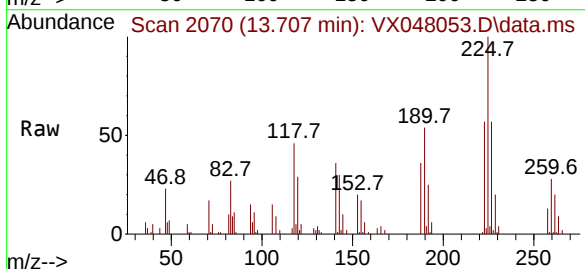
Tgt Ion:225 Resp: 14017

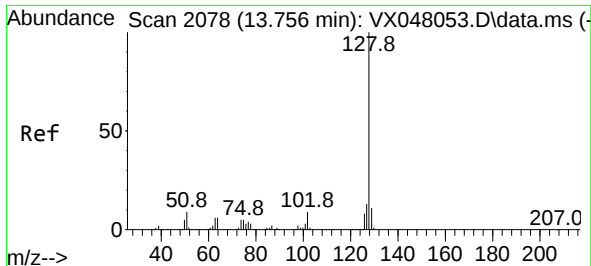
Ion Ratio Lower Upper

225 100

223 65.0 0.0 130.0

227 31.5 0.0 63.0

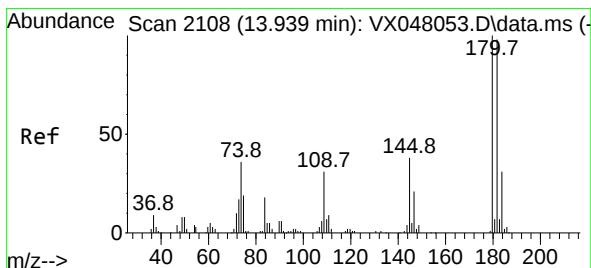
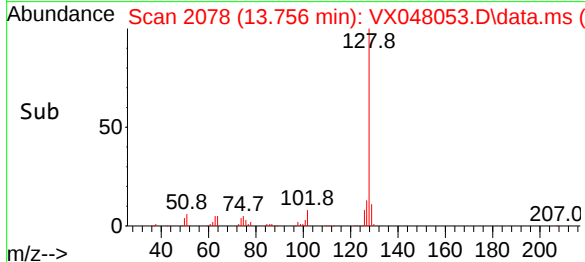
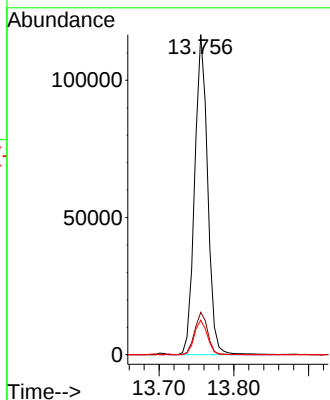
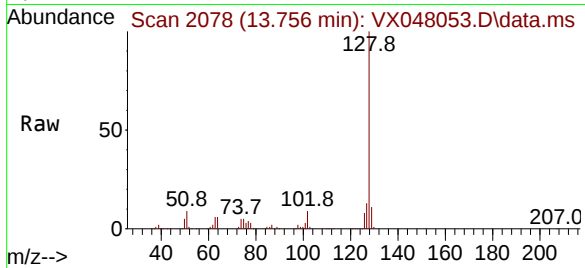




#91  
Naphthalene  
Concen: 18.019 ug/l  
RT: 13.756 min Scan# 2078  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:128 Resp: 140259  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.6 15.8  
129 10.8 8.6 13.0



#92  
1,2,3-Trichlorobenzene  
Concen: 18.219 ug/l  
RT: 13.939 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: VX048053.D  
Acq: 07 Oct 2025 17:22

Tgt Ion:180 Resp: 43739  
Ion Ratio Lower Upper  
180 100  
182 95.0 0.0 190.0  
145 36.1 0.0 72.2

