

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041125\  
 Data File : VX045734.D  
 Acq On : 11 Apr 2025 12:22  
 Operator : JC/MD  
 Sample : VX0411WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0411WBSD01

Quant Time: Apr 11 23:04:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 84320    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 150272   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.049 | 117   | 131860   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 63206    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 80683    | 52.324   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =     | 104.640% |
| 35) Dibromofluoromethane     | 5.379  | 113   | 53111    | 49.814   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 99.620%  |
| 50) Toluene-d8               | 8.647  | 98    | 183285   | 49.252   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =     | 98.500%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 71699    | 52.894   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =     | 105.780% |
| Target Compounds             |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 24625    | 19.528   | ug/l  | 98       |
| 3) Chloromethane             | 1.307  | 50    | 23327    | 18.007   | ug/l  | 100      |
| 4) Vinyl Chloride            | 1.374  | 62    | 20906    | 17.634   | ug/l  | 95       |
| 5) Bromomethane              | 1.593  | 94    | 9876     | 17.569   | ug/l  | 99       |
| 6) Chloroethane              | 1.660  | 64    | 11924    | 18.957   | ug/l  | 92       |
| 7) Trichlorofluoromethane    | 1.867  | 101   | 34101    | 19.289   | ug/l  | 98       |
| 8) Diethyl Ether             | 2.130  | 74    | 11527    | 19.421   | ug/l  | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 20130    | 19.431   | ug/l  | 97       |
| 10) Methyl Iodide            | 2.441  | 142   | 22790    | 17.637   | ug/l  | 99       |
| 11) Tert butyl alcohol       | 2.983  | 59    | 22438    | 108.275  | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 2.306  | 96    | 18161    | 17.941   | ug/l  | 98       |
| 13) Acrolein                 | 2.233  | 56    | 27599    | 96.712   | ug/l  | 99       |
| 14) Allyl chloride           | 2.654  | 41    | 36269    | 18.884   | ug/l  | 99       |
| 15) Acrylonitrile            | 3.062  | 53    | 64772    | 99.016   | ug/l  | 98       |
| 16) Acetone                  | 2.386  | 43    | 63457    | 100.219  | ug/l  | 98       |
| 17) Carbon Disulfide         | 2.502  | 76    | 36188    | 14.474   | ug/l  | 98       |
| 18) Methyl Acetate           | 2.703  | 43    | 33397    | 22.909   | ug/l  | 98       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 72099    | 20.361   | ug/l  | 99       |
| 20) Methylene Chloride       | 2.782  | 84    | 22948    | 19.359   | ug/l  | 98       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 19175    | 18.542   | ug/l  | 94       |
| 22) Diisopropyl ether        | 3.763  | 45    | 74151    | 19.599   | ug/l  | 97       |
| 23) Vinyl Acetate            | 3.721  | 43    | 320471   | 98.039   | ug/l  | 100      |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 41001    | 19.162   | ug/l  | 99       |
| 25) 2-Butanone               | 4.556  | 43    | 95825    | 103.387  | ug/l  | 98       |
| 26) 2,2-Dichloropropane      | 4.465  | 77    | 28763    | 20.806   | ug/l  | 98       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 23213    | 18.424   | ug/l  | 96       |
| 28) Bromochloromethane       | 4.891  | 49    | 26597    | 25.723   | ug/l  | 98       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 59004    | 98.191   | ug/l  | 99       |
| 30) Chloroform               | 5.086  | 83    | 43373    | 19.700   | ug/l  | 93       |
| 31) Cyclohexane              | 5.464  | 56    | 34507    | 18.243   | ug/l  | 96       |
| 32) 1,1,1-Trichloroethane    | 5.373  | 97    | 36032    | 19.341   | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 5.684  | 75    | 26656    | 18.517   | ug/l  | 97       |
| 37) Ethyl Acetate            | 4.715  | 43    | 35089    | 19.342   | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 29414    | 18.906   | ug/l  | 93       |
| 39) Methylcyclohexane        | 7.379  | 83    | 32952    | 18.674   | ug/l  | 96       |
| 40) Benzene                  | 6.031  | 78    | 82159    | 18.687   | ug/l  | 99       |

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 Data File : VX045734.D  
 Acq On : 11 Apr 2025 12:22  
 Operator : JC/MD  
 Sample : VX0411WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0411WBSD01

Quant Time: Apr 11 23:04:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 19564    | 20.439  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 36989    | 20.370  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 55460    | 20.170  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 19251    | 18.422  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 21096    | 19.231  | ug/l   | 93       |
| 46) Dibromomethane            | 7.574  | 93   | 16560    | 19.665  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.818  | 83   | 32810    | 19.510  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.696  | 41   | 28607    | 20.151  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 11098    | 432.076 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 195029   | 106.998 | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 50898    | 19.132  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 27223    | 18.352  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 31424    | 19.884  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 21082    | 19.886  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 34367    | 20.947  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 38320    | 20.758  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 91986    | 110.832 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 143752   | 106.500 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 22170    | 19.183  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 21539    | 20.071  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.269  | 164  | 17919    | 19.248  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 55155    | 19.575  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 18774    | 19.192  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 98437    | 19.506  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 71463    | 38.936  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 35702    | 19.746  | ug/l   | 98       |
| 70) Styrene                   | 10.653 | 104  | 60067    | 20.128  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 13766    | 18.847  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.957 | 105  | 95325    | 18.828  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 47908    | 19.782  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 33971    | 19.101  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 36001    | 23.351  | ug/l   | 91       |
| 77) Bromobenzene              | 11.195 | 156  | 21636    | 18.496  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 109219   | 18.729  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 70992    | 19.042  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 82413    | 19.685  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 7708     | 16.968  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 79146    | 19.041  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 81006    | 19.544  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 81630    | 19.427  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 100015   | 19.646  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 80710    | 19.230  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 39819    | 18.700  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 40207    | 18.625  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329 | 91   | 70013    | 19.237  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 12972    | 17.984  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 41172    | 19.448  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 7559     | 20.323  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 23156    | 19.650  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 9675     | 19.053  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 87280    | 19.903  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 23791    | 19.280  | ug/l   | 98       |

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Operator : JC/MD  
Sample : VX0411WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Quant Time: Apr 11 23:04:06 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration

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

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

Quant Time: Apr 11 23:04:06 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration

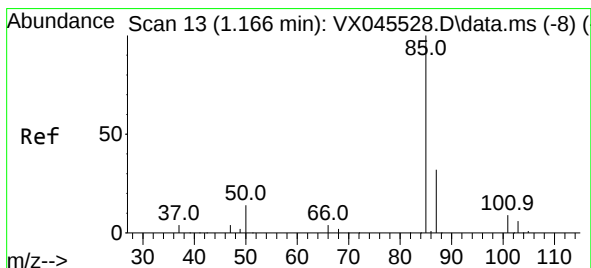
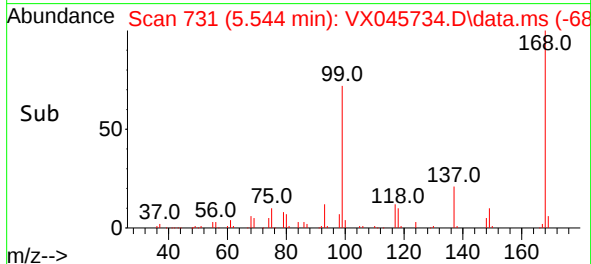
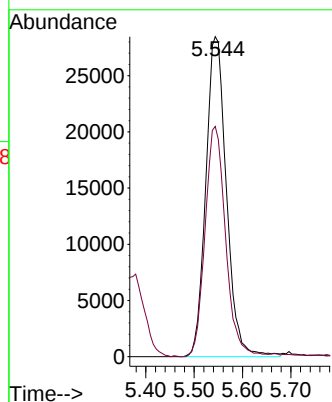
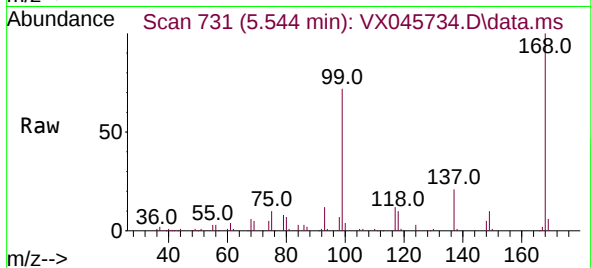




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

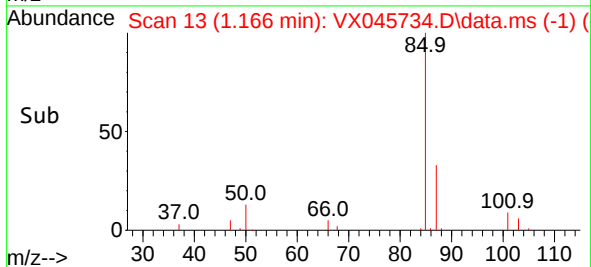
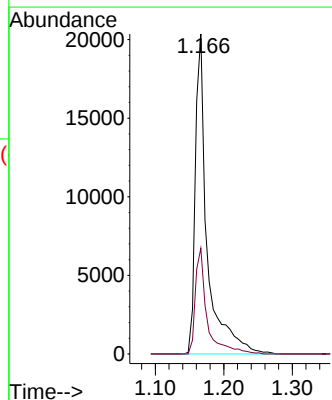
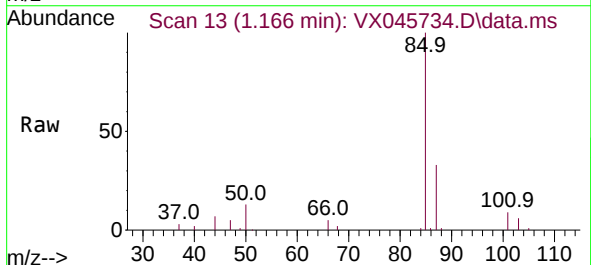
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion:168 Resp: 84320  
Ion Ratio Lower Upper  
168 100  
99 72.0 52.3 78.5



#2  
Dichlorodifluoromethane  
Concen: 19.528 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 85 Resp: 24625  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.1 48.2

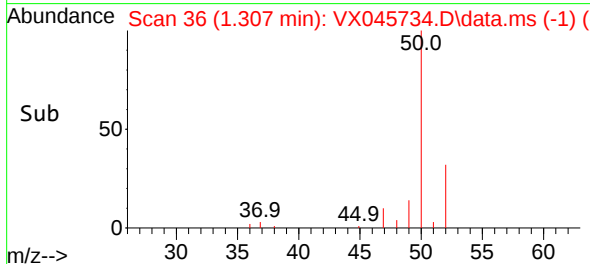
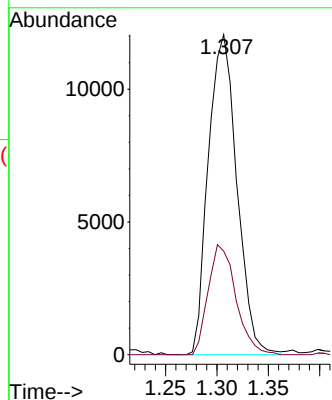
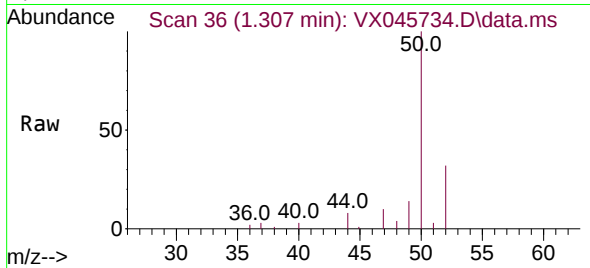




#3  
Chloromethane  
Concen: 18.007 ug/l  
RT: 1.307 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

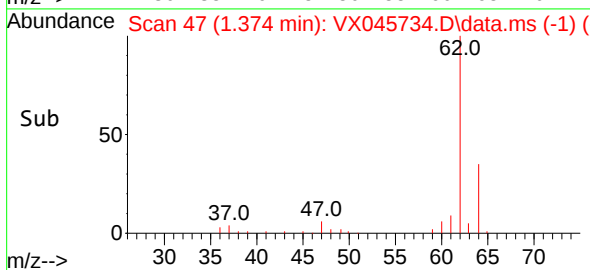
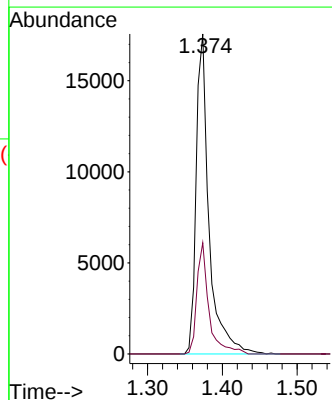
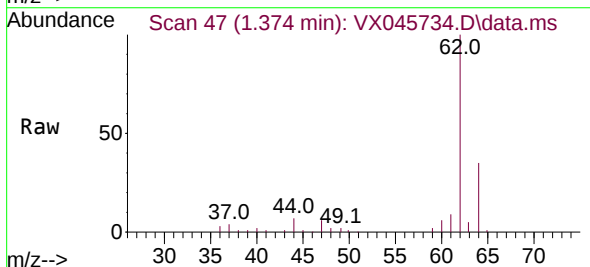
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 50 Resp: 23327  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.9 38.9



#4  
Vinyl Chloride  
Concen: 17.634 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 62 Resp: 20906  
Ion Ratio Lower Upper  
62 100  
64 34.7 25.5 38.3

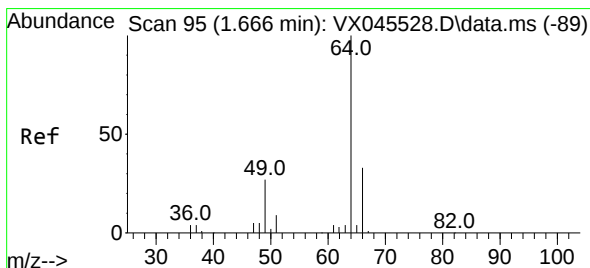
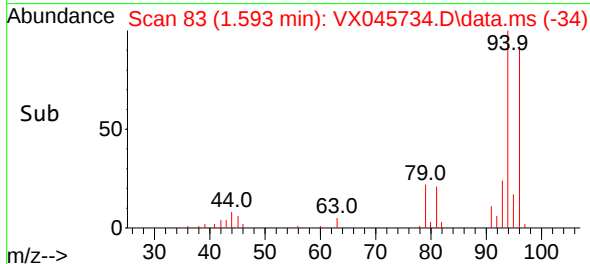
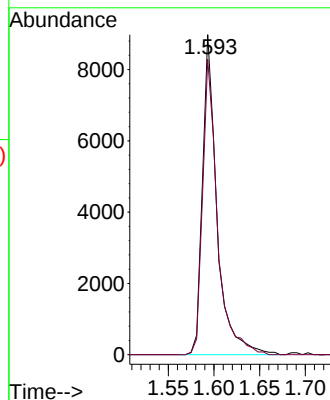
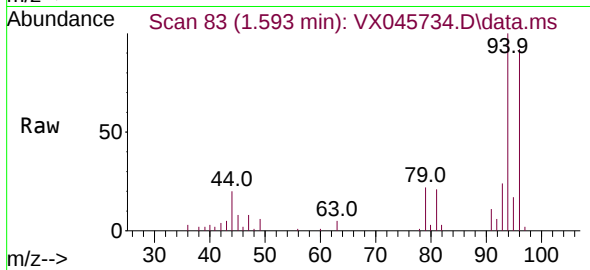




#5  
 Bromomethane  
 Concen: 17.569 ug/l  
 RT: 1.593 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VX045734.D  
 Acq: 11 Apr 2025 12:22

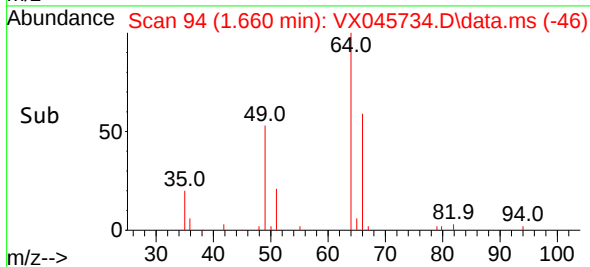
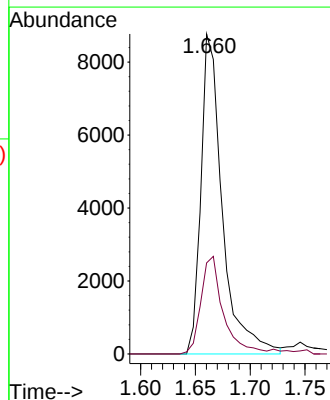
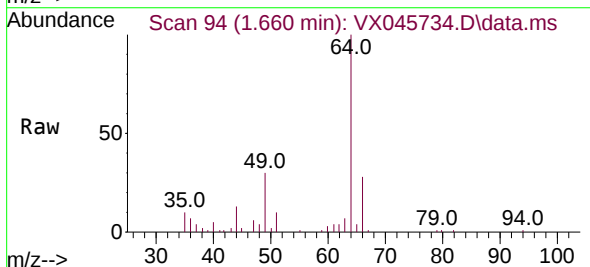
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0411WBSD01

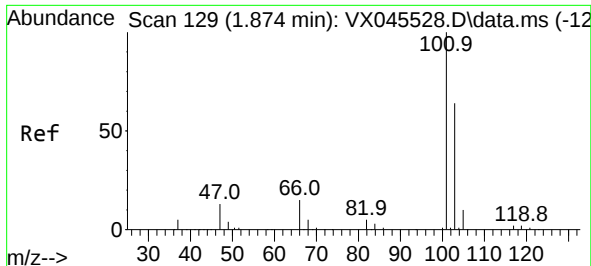
Tgt Ion: 94 Resp: 9876  
 Ion Ratio Lower Upper  
 94 100  
 96 92.3 74.8 112.2



#6  
 Chloroethane  
 Concen: 18.957 ug/l  
 RT: 1.660 min Scan# 94  
 Delta R.T. -0.006 min  
 Lab File: VX045734.D  
 Acq: 11 Apr 2025 12:22

Tgt Ion: 64 Resp: 11924  
 Ion Ratio Lower Upper  
 64 100  
 66 28.4 26.3 39.5

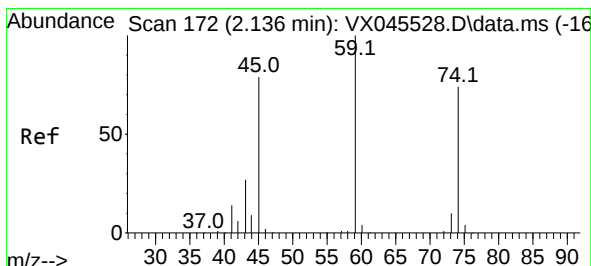
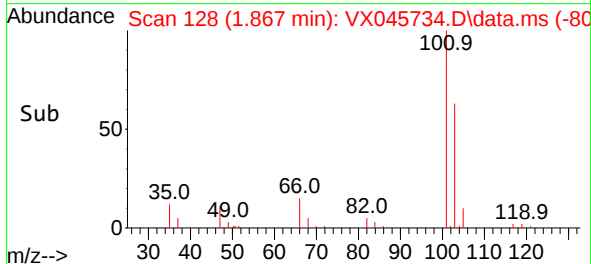
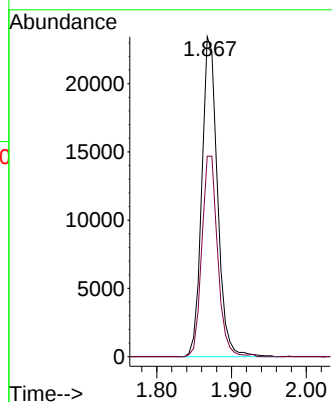
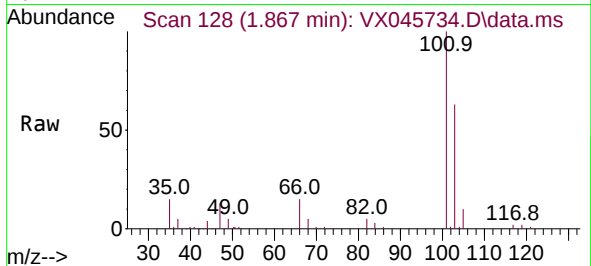




#7  
 Trichlorofluoromethane  
 Concen: 19.289 ug/l  
 RT: 1.867 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX045734.D  
 Acq: 11 Apr 2025 12:22

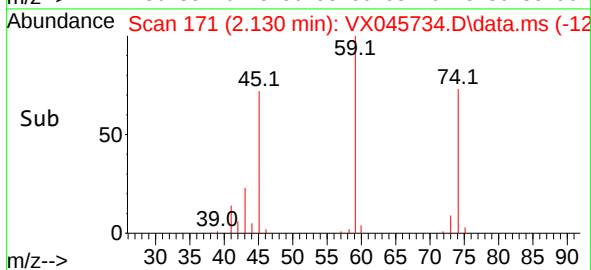
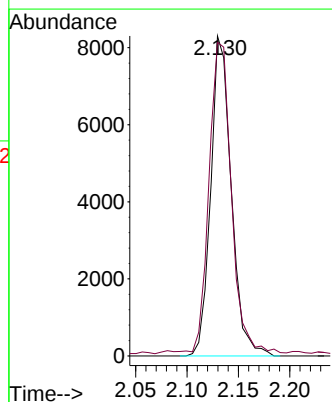
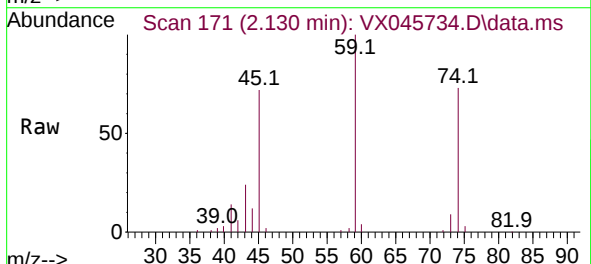
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0411WBSD01

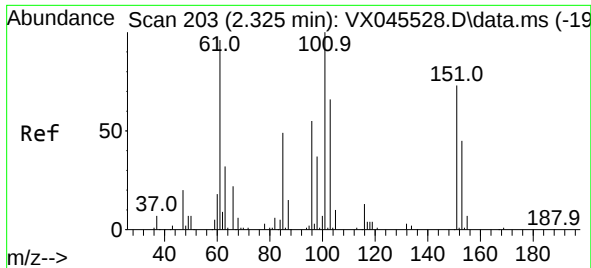
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 Ion Ratio Lower Upper  
 101 100  
 103 62.6 51.1 76.7



#8  
 Diethyl Ether  
 Concen: 19.421 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX045734.D  
 Acq: 11 Apr 2025 12:22

Tgt Ion: 74 Resp: 11527  
 Ion Ratio Lower Upper  
 74 100  
 45 104.9 53.0 159.1

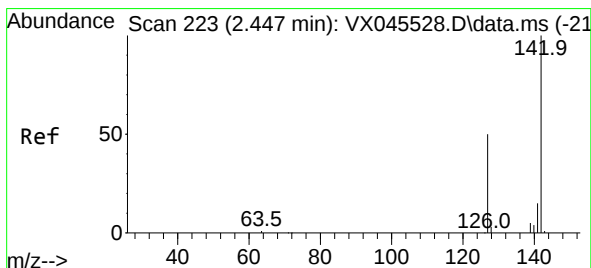
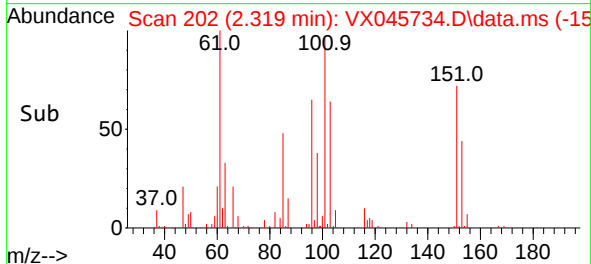
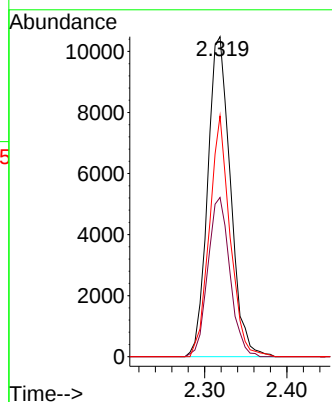
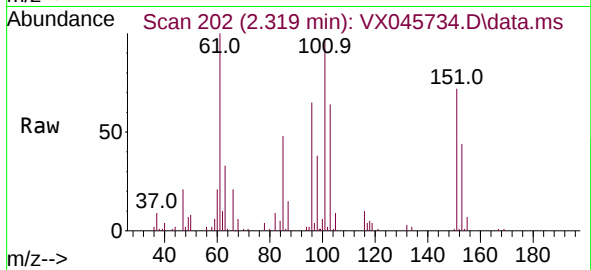




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.431 ug/l  
RT: 2.319 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

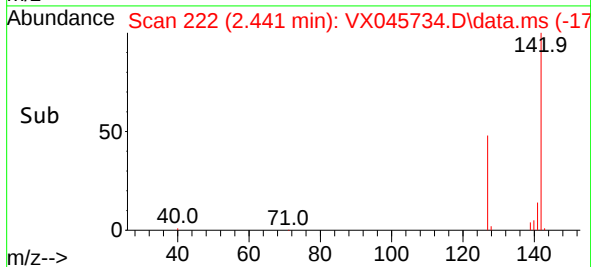
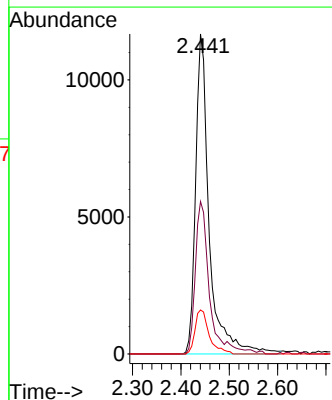
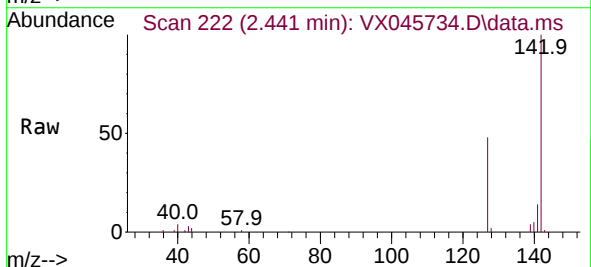
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion:101 Resp: 20130  
Ion Ratio Lower Upper  
101 100  
85 48.3 38.9 58.3  
151 68.5 57.5 86.3



#10  
Methyl Iodide  
Concen: 17.637 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion:142 Resp: 22790  
Ion Ratio Lower Upper  
142 100  
127 49.6 40.2 60.4  
141 14.2 11.7 17.5





#11

Tert butyl alcohol

Concen: 108.275 ug/l

RT: 2.983 min Scan# 310

Delta R.T. 0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

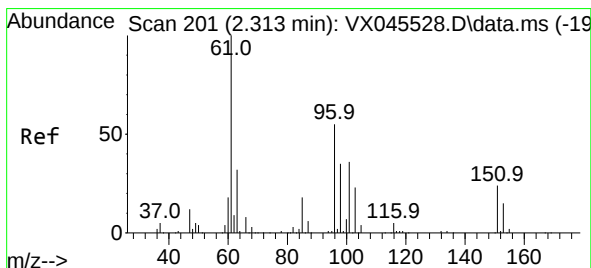
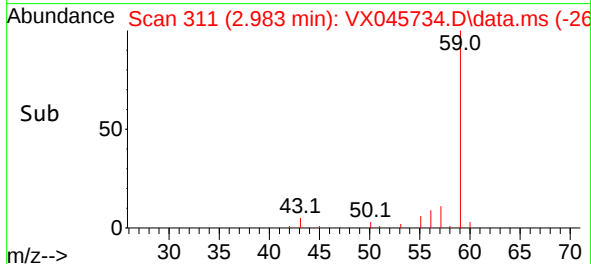
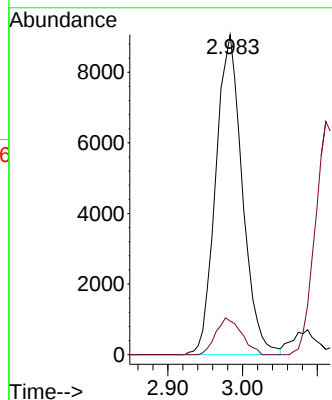
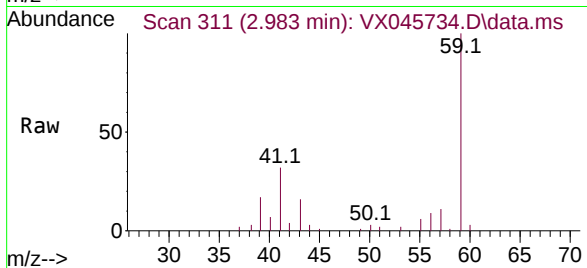
VX0411WBSD01

Tgt Ion: 59 Resp: 22438

Ion Ratio Lower Upper

59 100

57 11.1 8.6 12.8



#12

1,1-Dichloroethene

Concen: 17.941 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

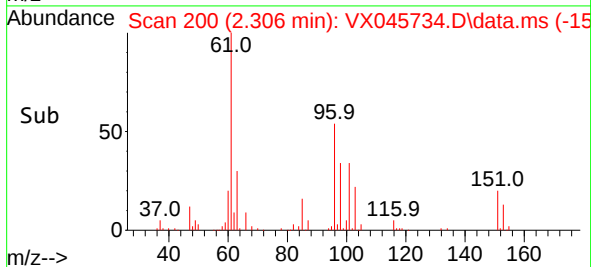
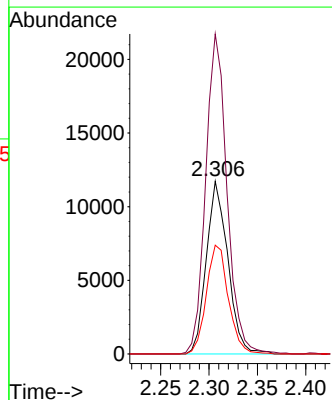
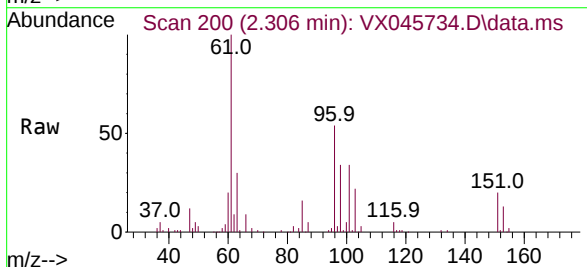
Tgt Ion: 96 Resp: 18161

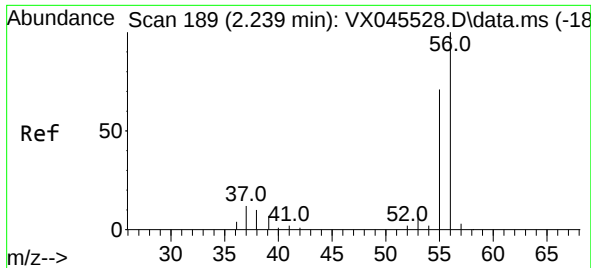
Ion Ratio Lower Upper

96 100

61 185.3 145.7 218.5

98 63.0 51.6 77.4

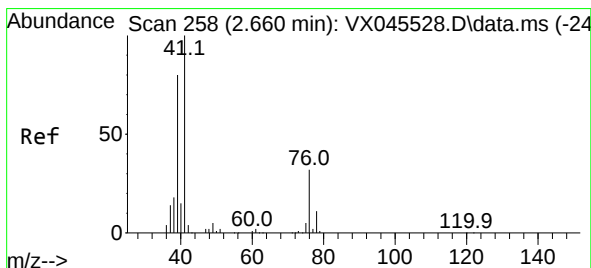
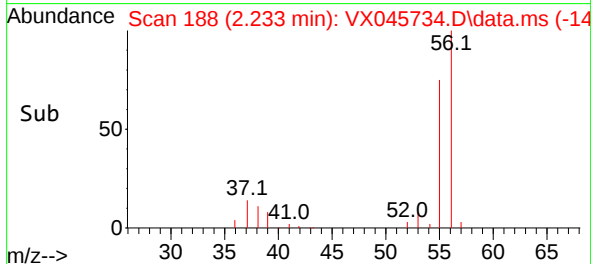
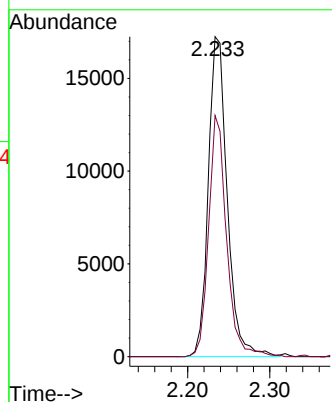
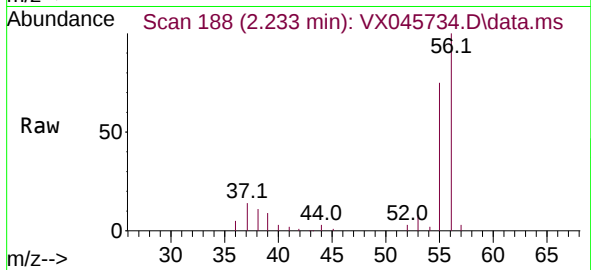




#13  
Acrolein  
Concen: 96.712 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

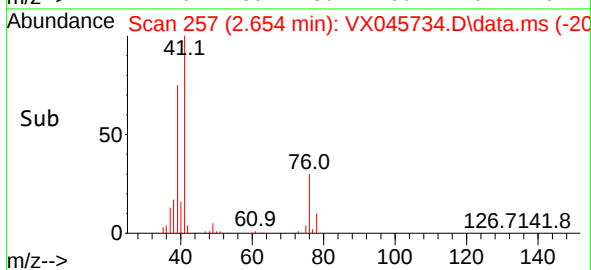
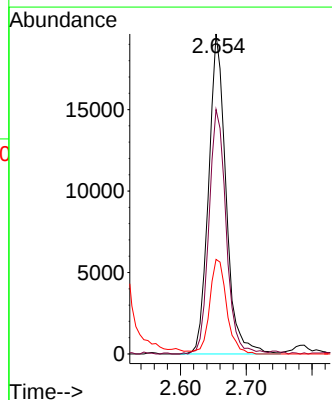
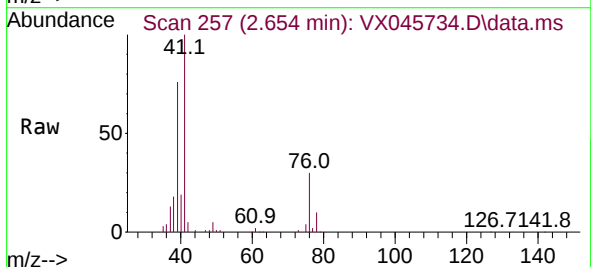
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 56 Resp: 27599  
Ion Ratio Lower Upper  
56 100  
55 71.4 56.2 84.2



#14  
Allyl chloride  
Concen: 18.884 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 41 Resp: 36269  
Ion Ratio Lower Upper  
41 100  
39 75.2 60.2 90.2  
76 28.8 24.6 36.8

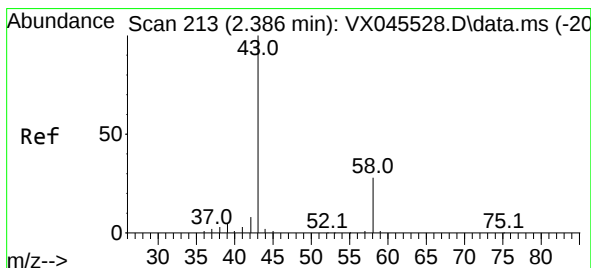
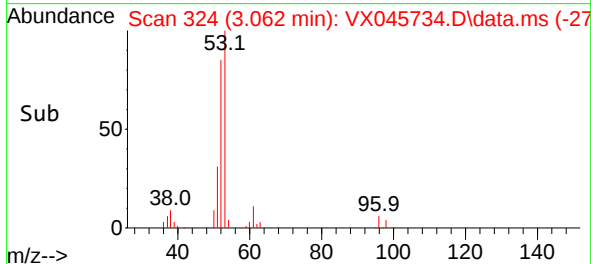
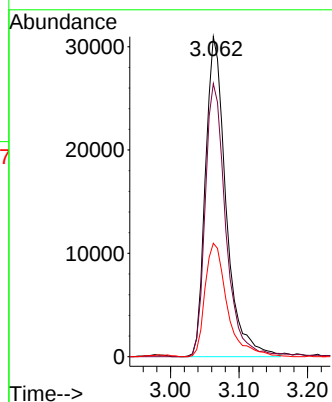
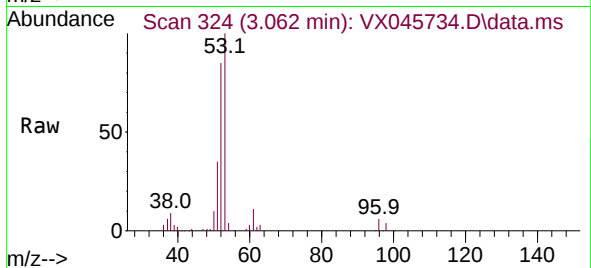




#15  
Acrylonitrile  
Concen: 99.016 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

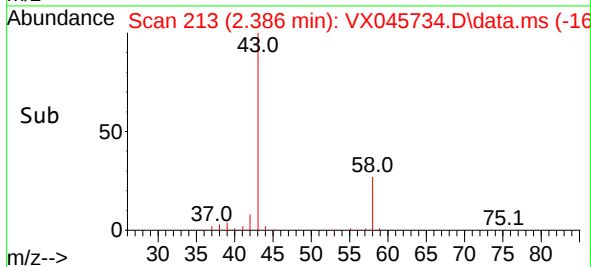
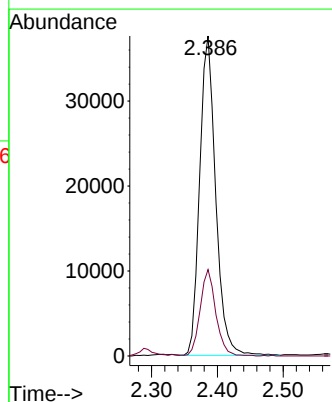
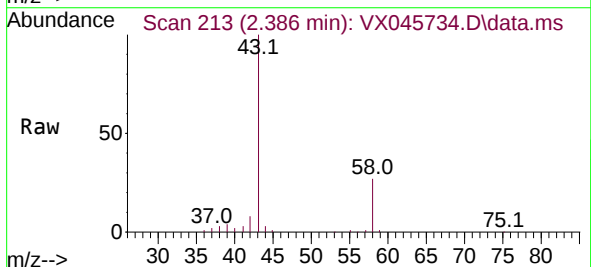
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

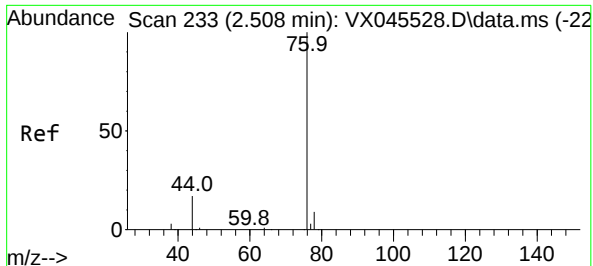
Tgt Ion: 53 Resp: 64772  
Ion Ratio Lower Upper  
53 100  
52 85.9 67.4 101.2  
51 38.1 29.9 44.9



#16  
Acetone  
Concen: 100.219 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 43 Resp: 63457  
Ion Ratio Lower Upper  
43 100  
58 27.0 22.3 33.5





#17

Carbon Disulfide

Concen: 14.474 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

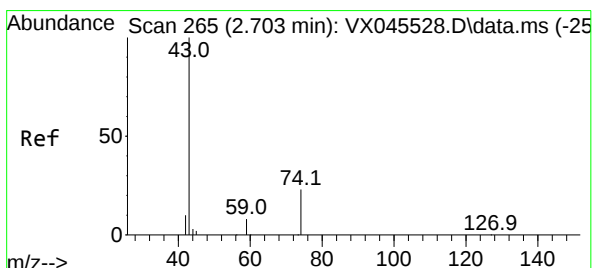
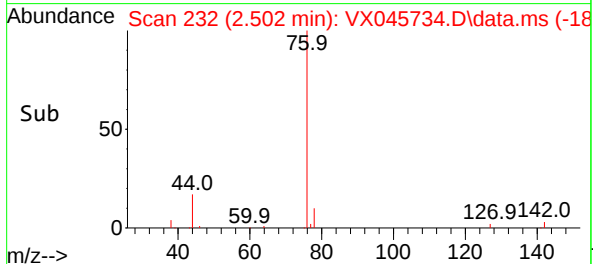
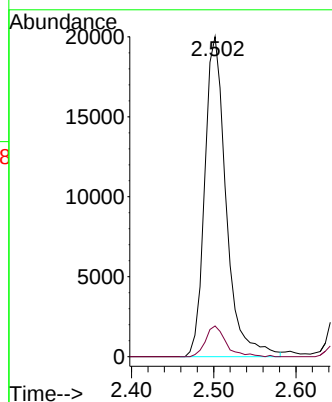
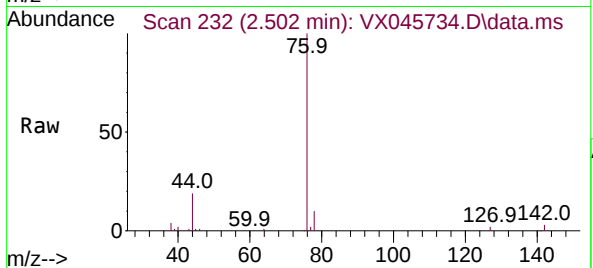
VX0411WBSD01

Tgt Ion: 76 Resp: 36188

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6



#18

Methyl Acetate

Concen: 22.909 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045734.D

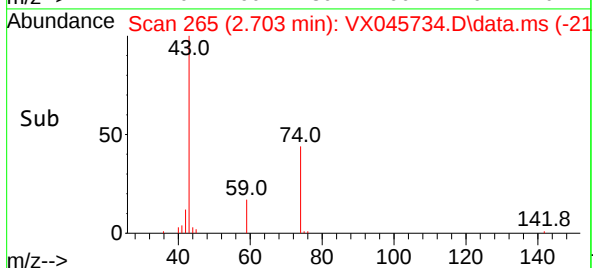
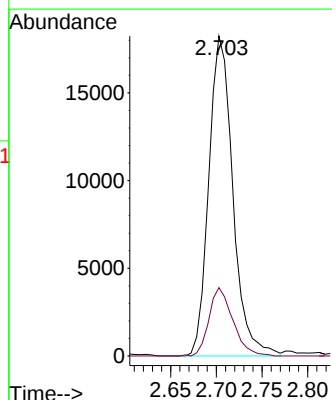
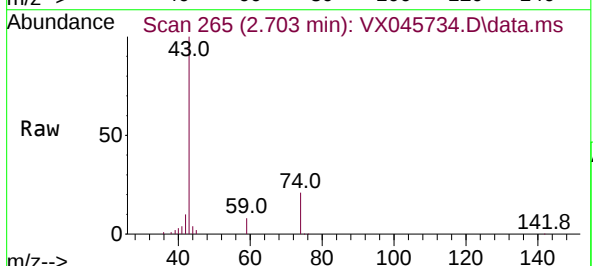
Acq: 11 Apr 2025 12:22

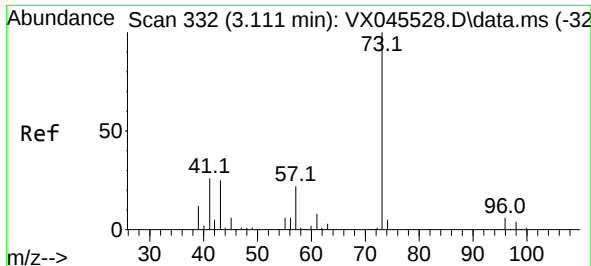
Tgt Ion: 43 Resp: 33397

Ion Ratio Lower Upper

43 100

74 21.2 17.5 26.3

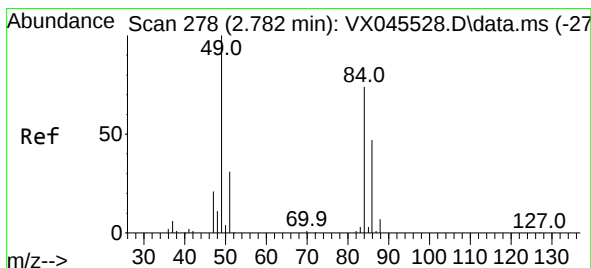
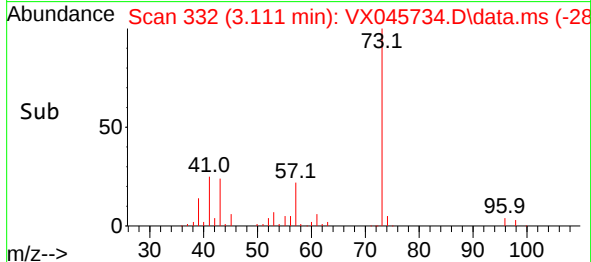
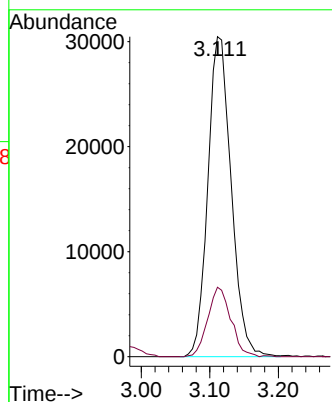
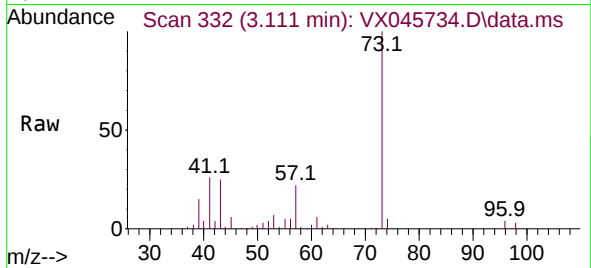




#19  
Methyl tert-butyl Ether  
Concen: 20.361 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

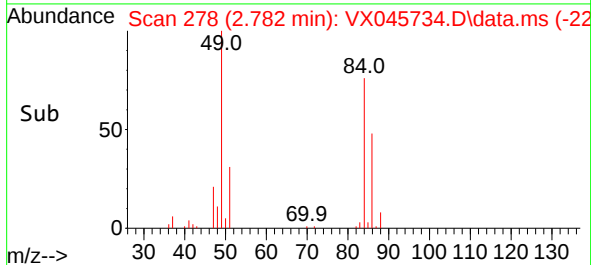
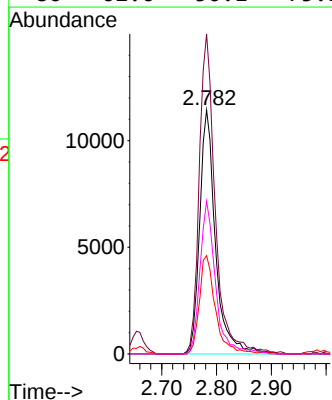
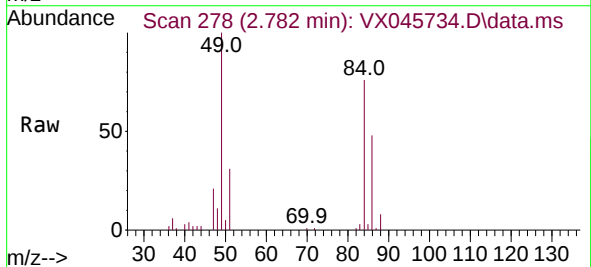
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 73 Resp: 72099  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.6 26.4



#20  
Methylene Chloride  
Concen: 19.359 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 84 Resp: 22948  
Ion Ratio Lower Upper  
84 100  
49 131.1 107.5 161.3  
51 40.3 33.0 49.6  
86 62.6 50.1 75.1

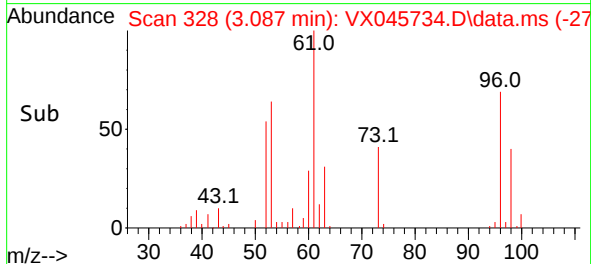
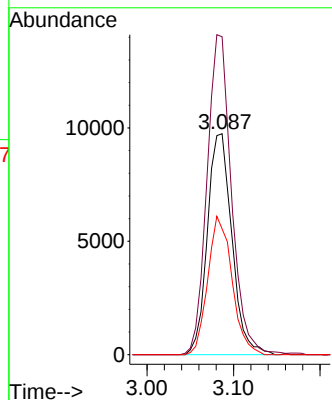
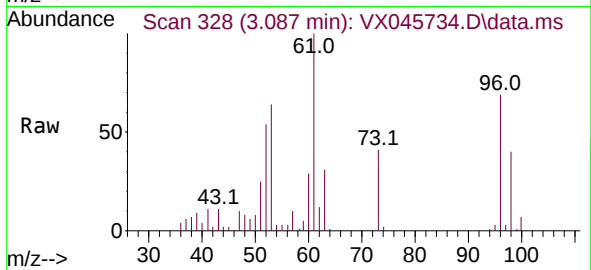




#21  
trans-1,2-Dichloroethene  
Concen: 18.542 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

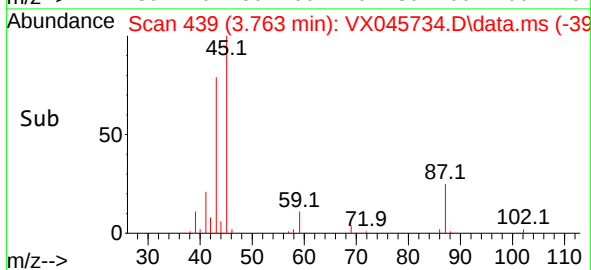
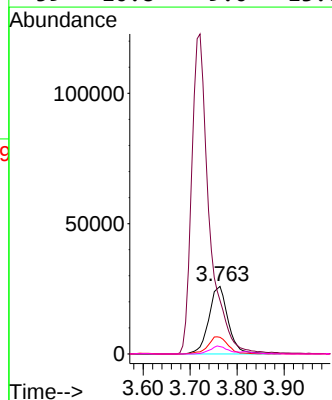
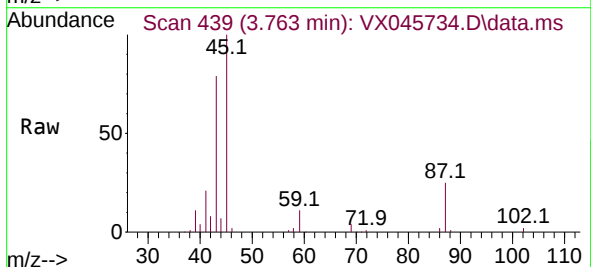
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 96 Resp: 19175  
Ion Ratio Lower Upper  
96 100  
61 143.9 121.0 181.6  
98 56.9 49.7 74.5



#22  
Diisopropyl ether  
Concen: 19.599 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 45 Resp: 74151  
Ion Ratio Lower Upper  
45 100  
43 77.6 59.3 88.9  
87 24.7 20.4 30.6  
59 10.8 9.0 13.6

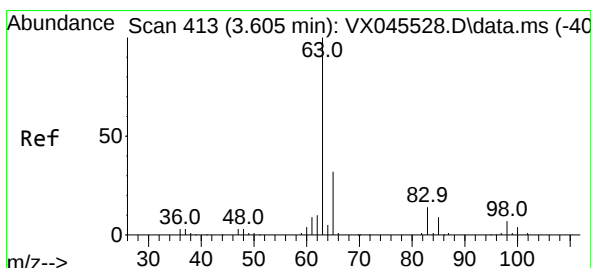
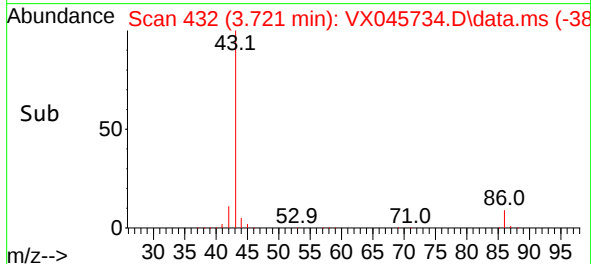
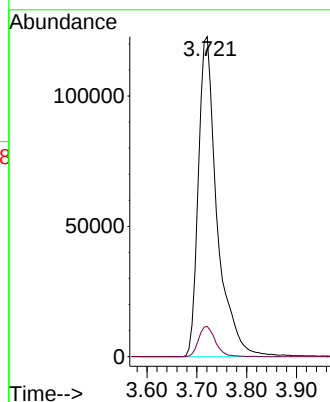
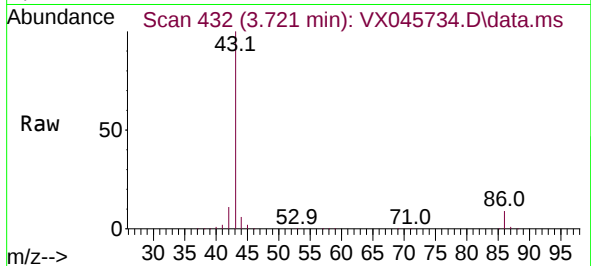




#23  
 Vinyl Acetate  
 Concen: 98.039 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX045734.D  
 Acq: 11 Apr 2025 12:22

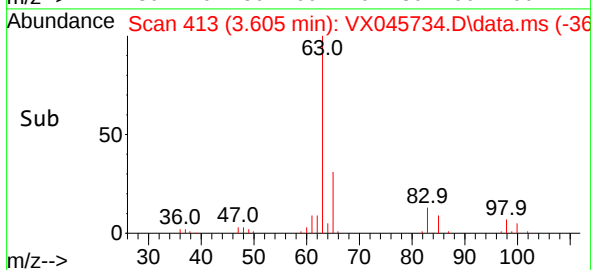
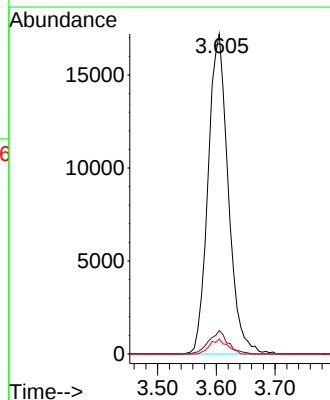
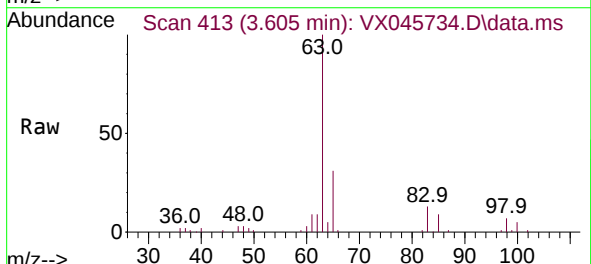
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0411WBSD01

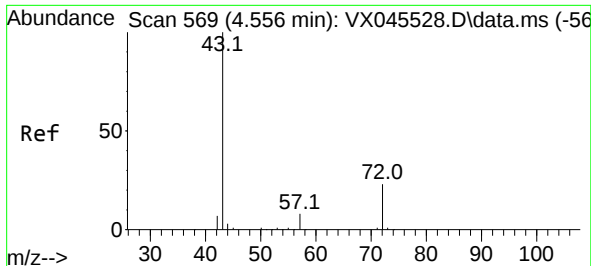
Tgt Ion: 43 Resp: 320471  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 19.162 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX045734.D  
 Acq: 11 Apr 2025 12:22

Tgt Ion: 63 Resp: 41001  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.4 10.1  
 100 4.7 2.2 6.6

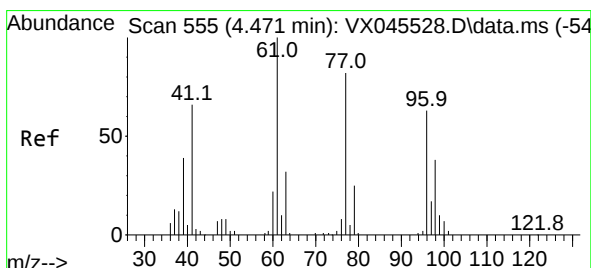
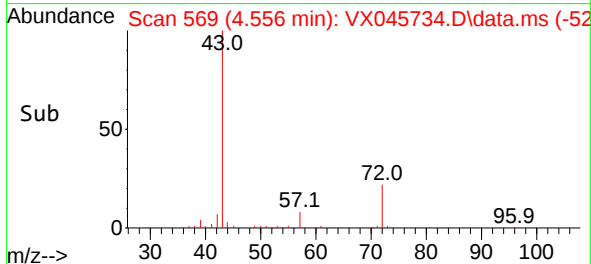
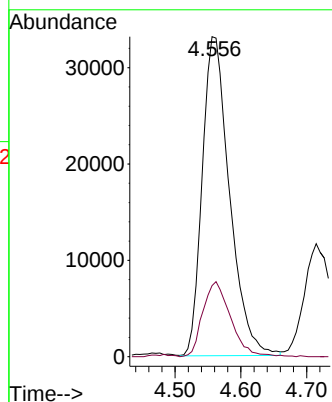
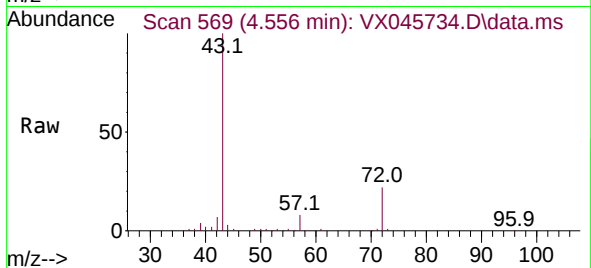




#25  
2-Butanone  
Concen: 103.387 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

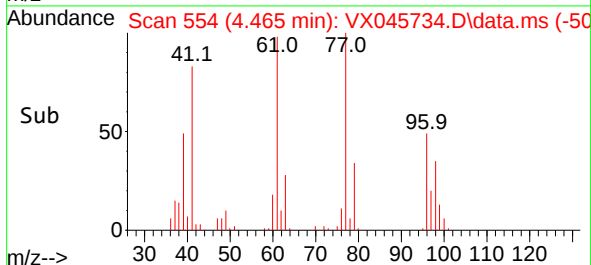
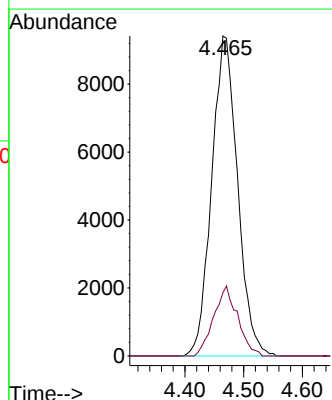
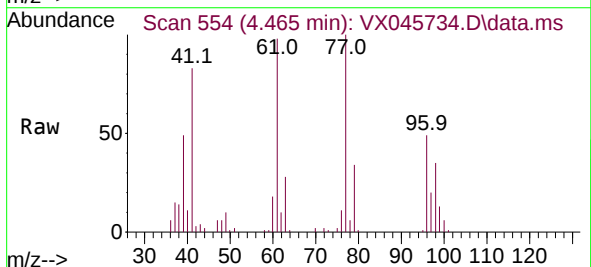
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 43 Resp: 95825  
Ion Ratio Lower Upper  
43 100  
72 22.3 18.6 28.0



#26  
2,2-Dichloropropane  
Concen: 20.806 ug/l  
RT: 4.465 min Scan# 554  
Delta R.T. -0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 77 Resp: 28763  
Ion Ratio Lower Upper  
77 100  
97 20.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 18.424 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0411WBSD01

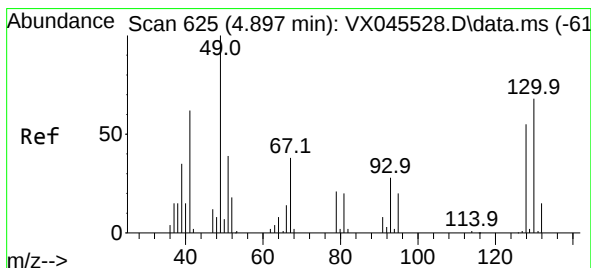
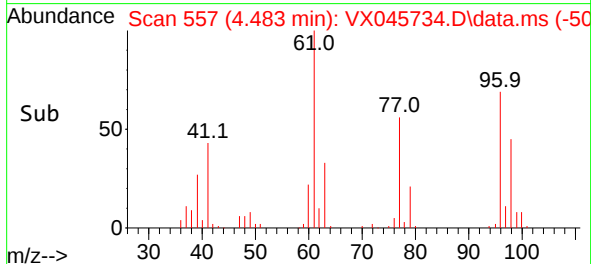
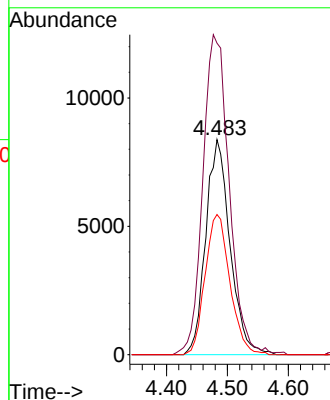
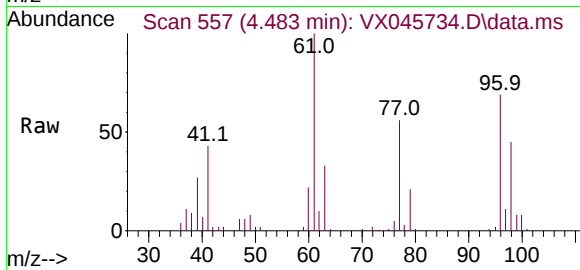
Tgt Ion: 96 Resp: 23213

Ion Ratio Lower Upper

96 100

61 161.4 0.0 313.2

98 66.5 0.0 126.4



#28

Bromochloromethane

Concen: 25.723 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

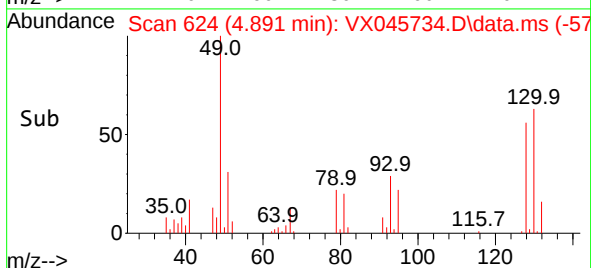
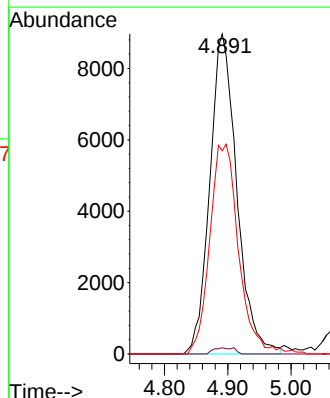
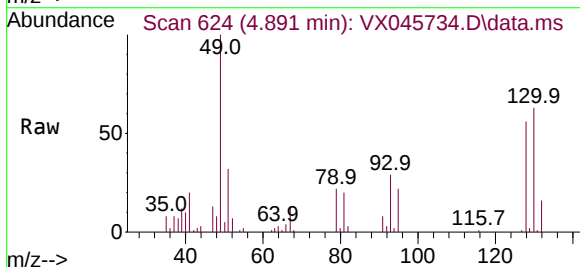
Tgt Ion: 49 Resp: 26597

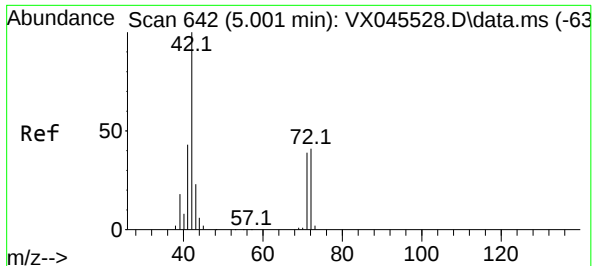
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 69.9 54.6 81.8





#29

Tetrahydrofuran

Concen: 98.191 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0411WBSD01

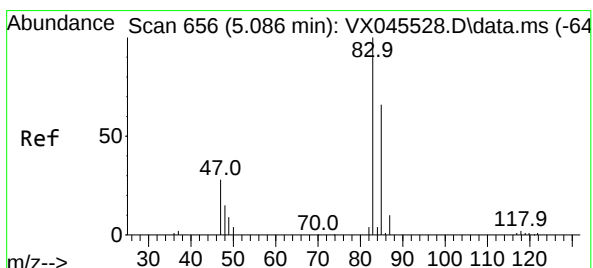
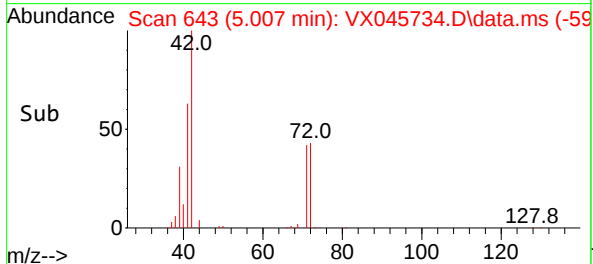
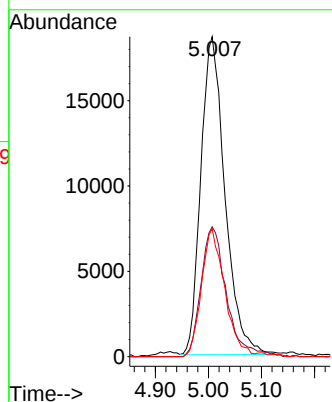
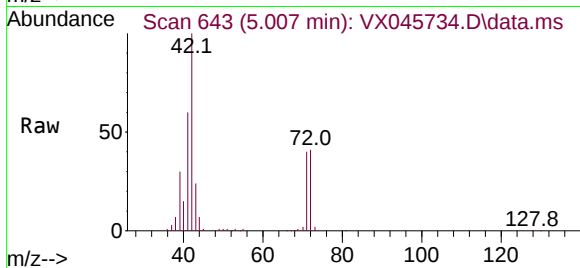
Tgt Ion: 42 Resp: 59004

Ion Ratio Lower Upper

42 100

72 42.8 33.4 50.0

71 38.6 31.4 47.0



#30

Chloroform

Concen: 19.700 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045734.D

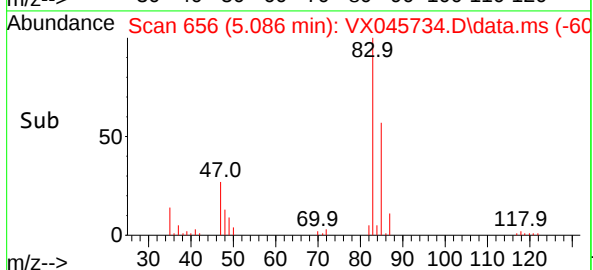
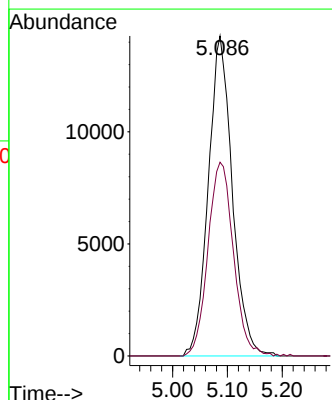
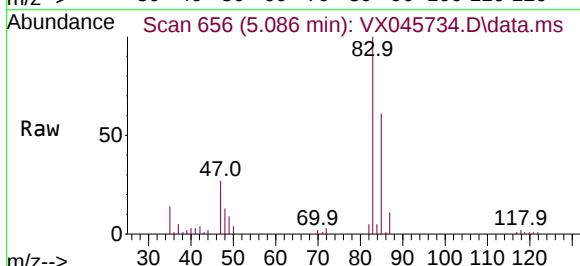
Acq: 11 Apr 2025 12:22

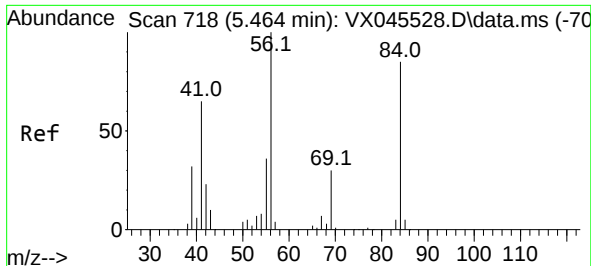
Tgt Ion: 83 Resp: 43373

Ion Ratio Lower Upper

83 100

85 60.5 52.8 79.2

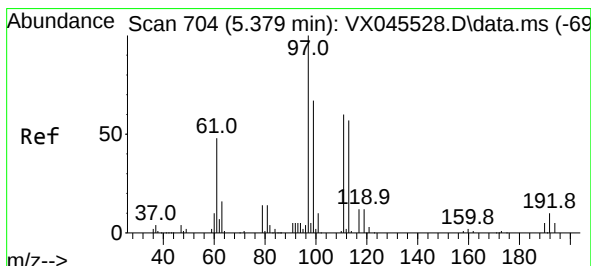
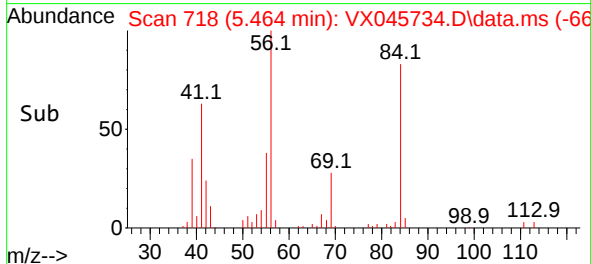
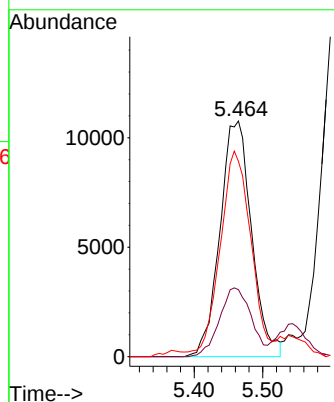
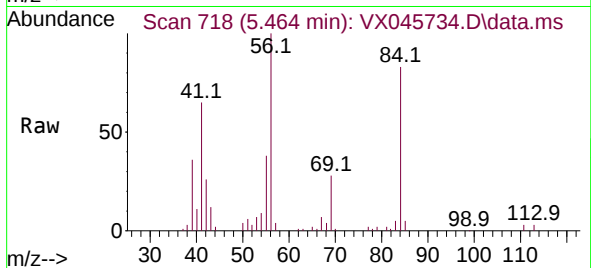




#31  
Cyclohexane  
Concen: 18.243 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

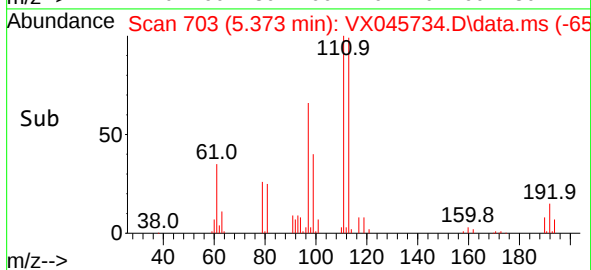
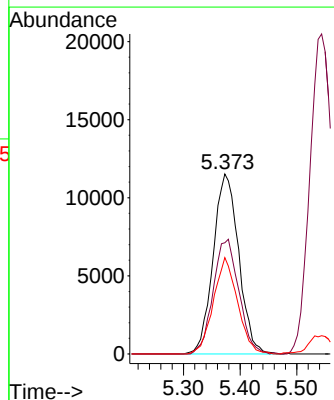
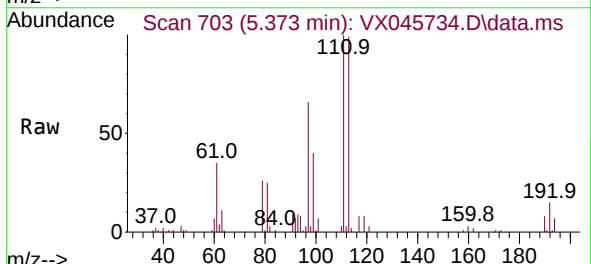
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 56 Resp: 34507  
Ion Ratio Lower Upper  
56 100  
69 28.5 23.6 35.4  
84 80.9 67.7 101.5



#32  
1,1,1-Trichloroethane  
Concen: 19.341 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 97 Resp: 36032  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.7 77.5  
61 50.7 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 52.324 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

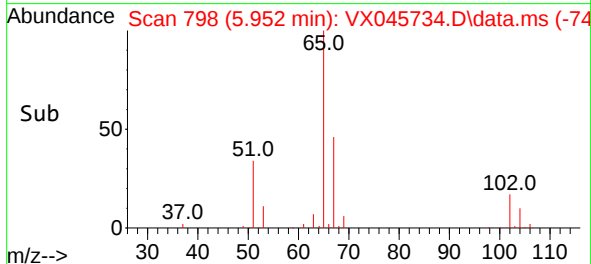
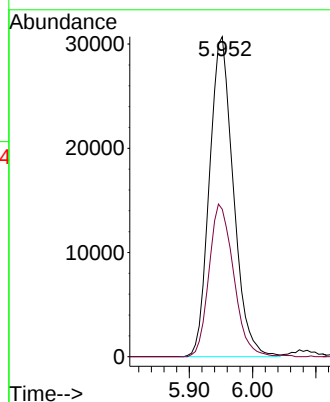
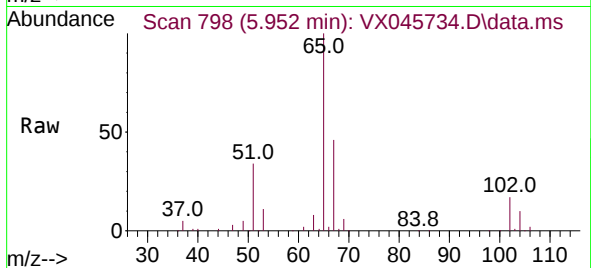
VX0411WBSD01

Tgt Ion: 65 Resp: 80683

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

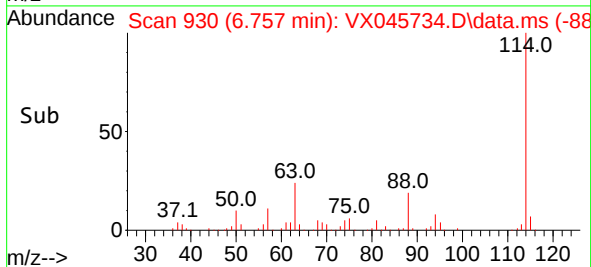
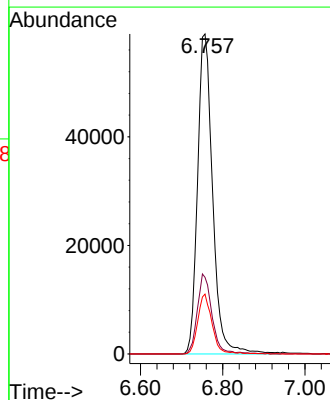
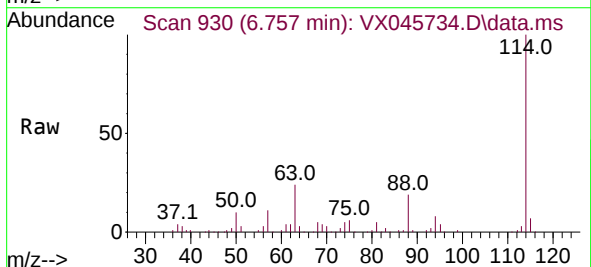
Tgt Ion: 114 Resp: 150272

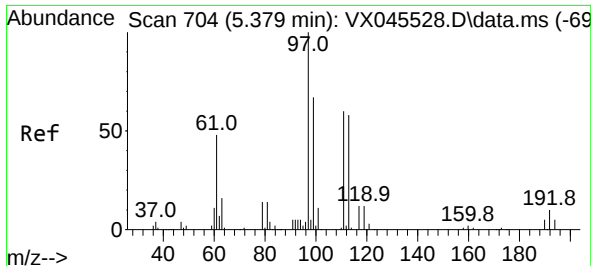
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.8

88 18.7 0.0 35.4

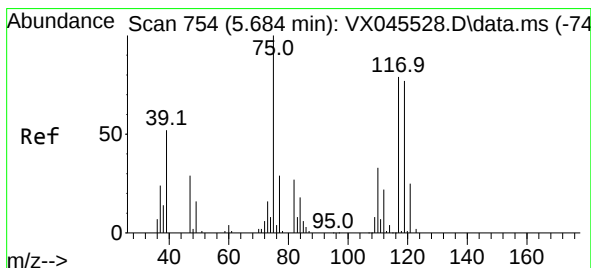
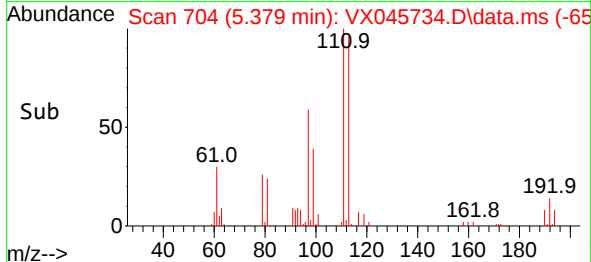
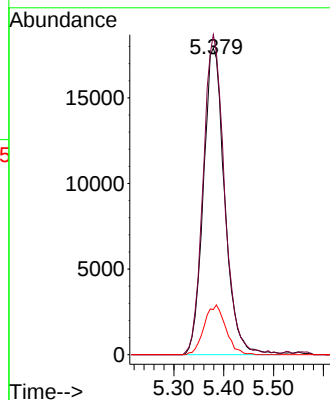
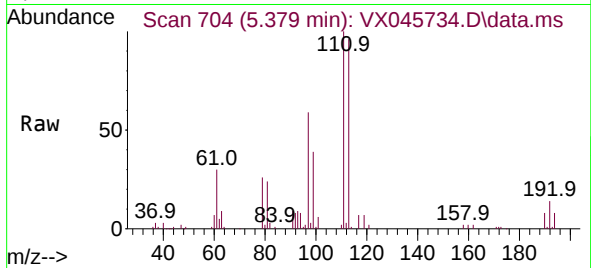




#35  
Dibromofluoromethane  
Concen: 49.814 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

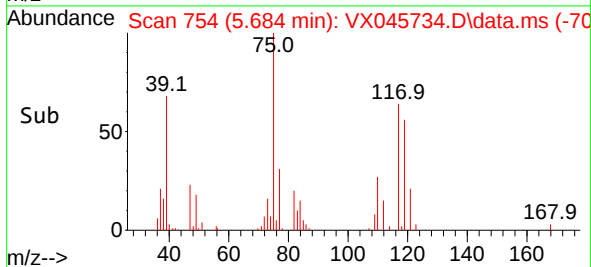
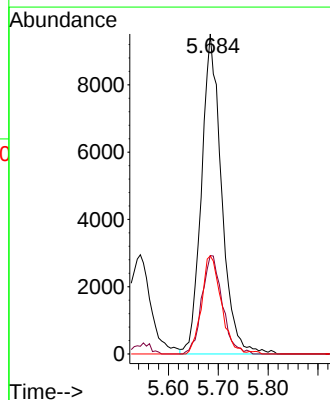
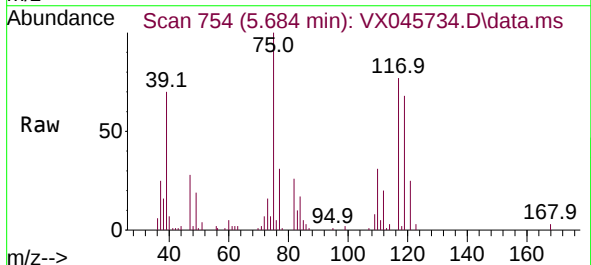
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

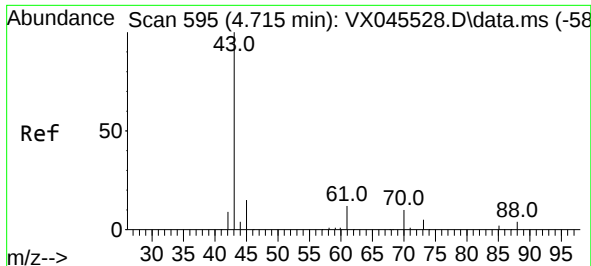
Tgt Ion:113 Resp: 53111  
Ion Ratio Lower Upper  
113 100  
111 104.2 81.8 122.6  
192 16.5 13.8 20.6



#36  
1,1-Dichloropropene  
Concen: 18.517 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 75 Resp: 26656  
Ion Ratio Lower Upper  
75 100  
110 31.2 16.9 50.6  
77 29.9 25.0 37.4





#37

Ethyl Acetate

Concen: 19.342 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0411WBSD01

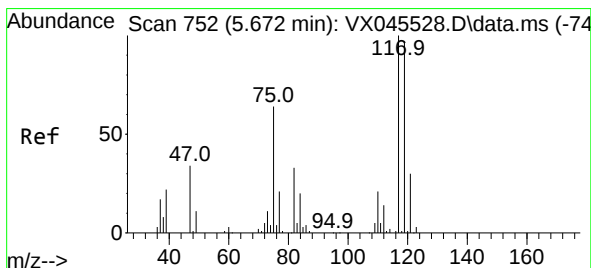
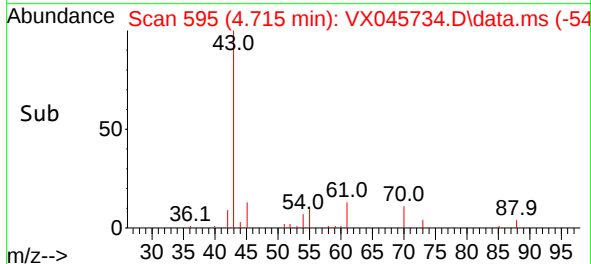
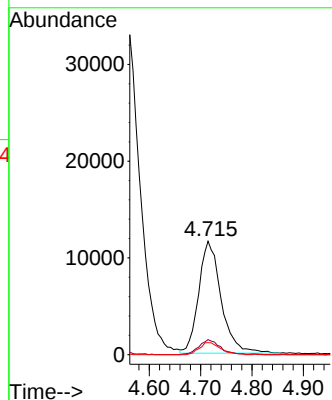
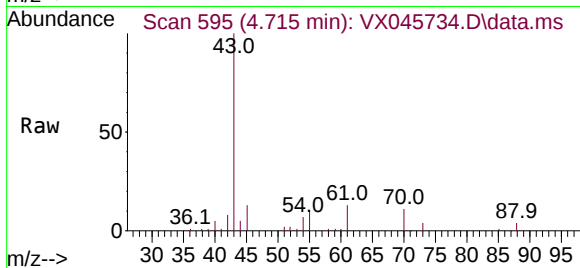
Tgt Ion: 43 Resp: 35089

Ion Ratio Lower Upper

43 100

61 12.8 9.9 14.9

70 10.2 7.5 11.3



#38

Carbon Tetrachloride

Concen: 18.906 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

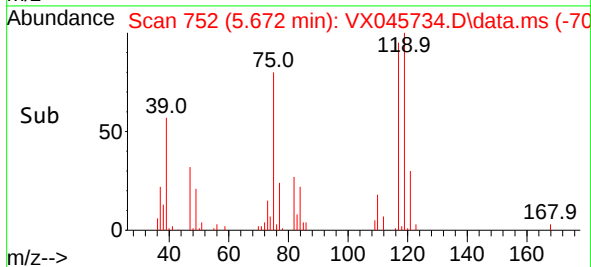
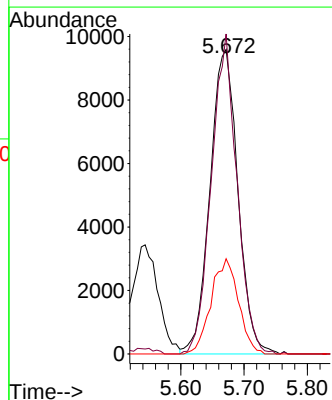
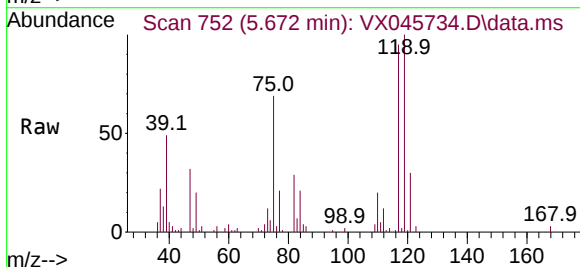
Tgt Ion: 117 Resp: 29414

Ion Ratio Lower Upper

117 100

119 105.1 76.9 115.3

121 31.3 24.2 36.2

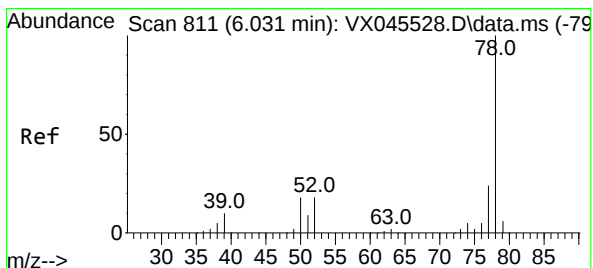
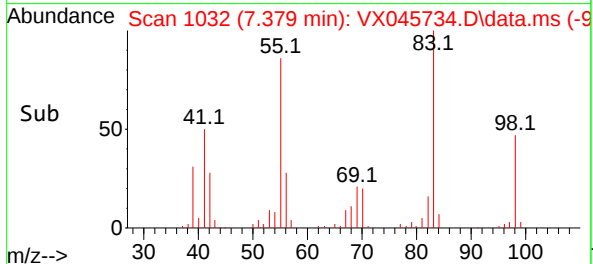
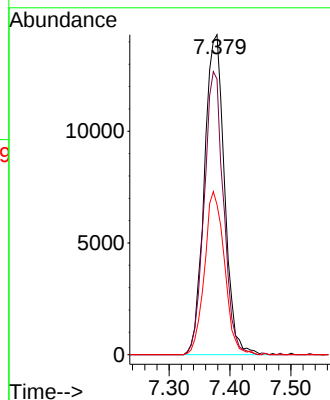
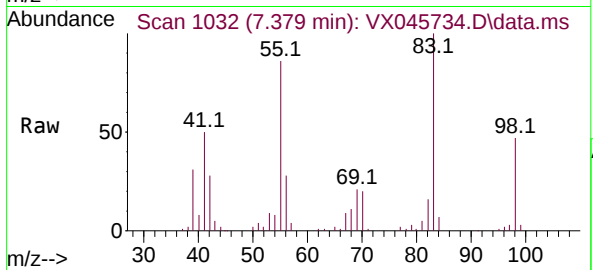




#39  
Methylcyclohexane  
Concen: 18.674 ug/l  
RT: 7.379 min Scan# 1031  
Delta R.T. 0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

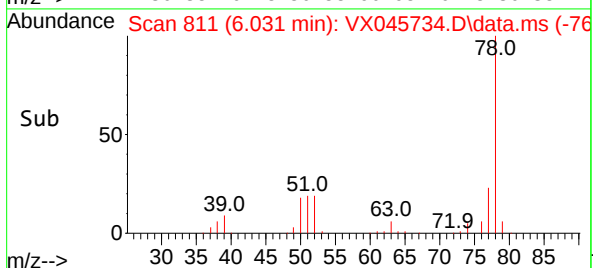
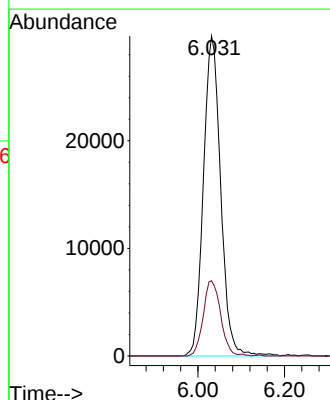
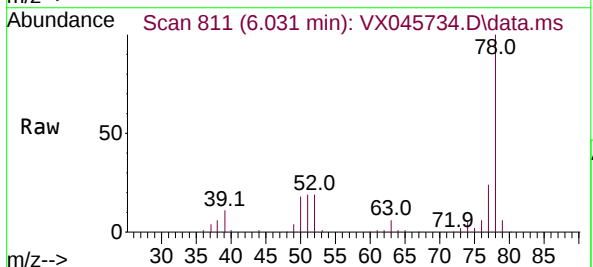
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 83 Resp: 32952  
Ion Ratio Lower Upper  
83 100  
55 86.2 64.9 97.3  
98 46.9 37.4 56.0



#40  
Benzene  
Concen: 18.687 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 78 Resp: 82159  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.0 28.6



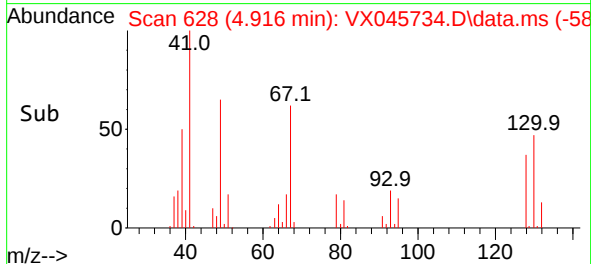
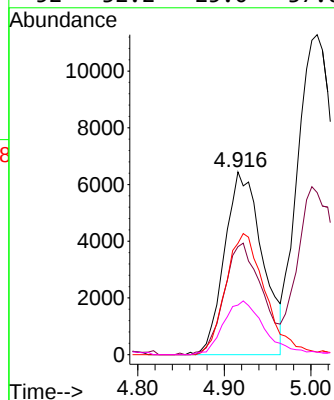
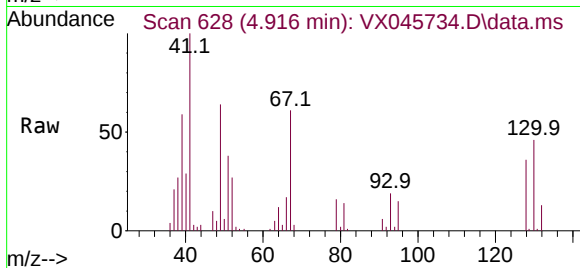


#41  
Methacrylonitrile  
Concen: 20.439 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 41 Resp: 19564

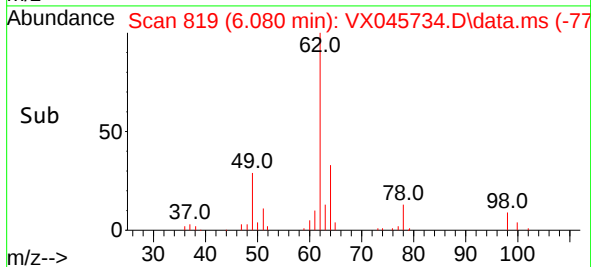
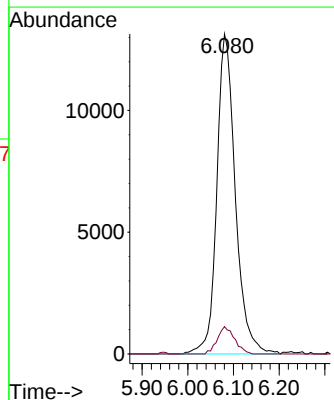
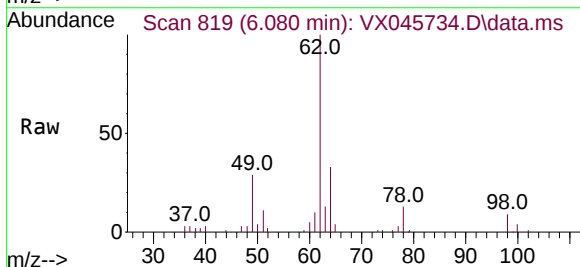
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 61.2  | 47.0  | 70.6  |
| 67  | 70.0  | 53.2  | 79.8  |
| 52  | 32.2  | 25.0  | 37.6  |



#42  
1,2-Dichloroethane  
Concen: 20.370 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 62 Resp: 36989

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.0   | 0.0   | 15.2  |





#43

Isopropyl Acetate

Concen: 20.170 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0411WBSD01

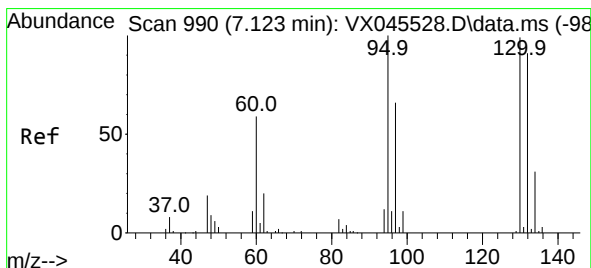
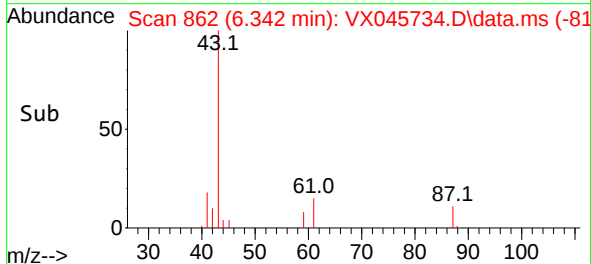
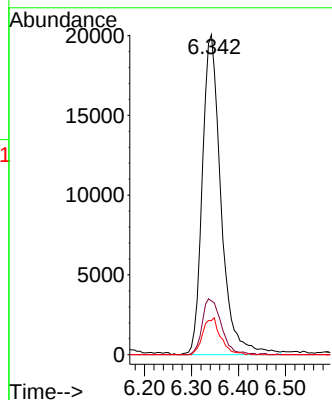
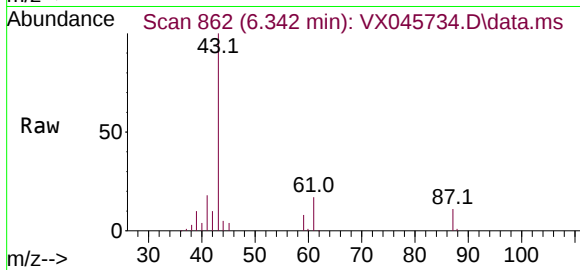
Tgt Ion: 43 Resp: 55460

Ion Ratio Lower Upper

43 100

61 17.9 14.1 21.1

87 11.0 9.2 13.8



#44

Trichloroethene

Concen: 18.422 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045734.D

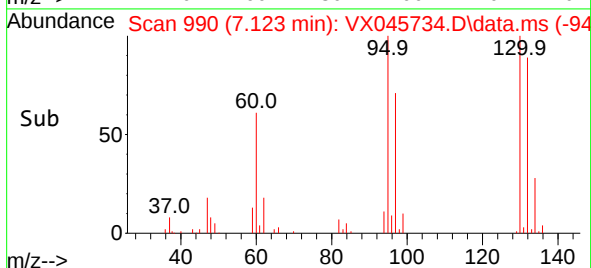
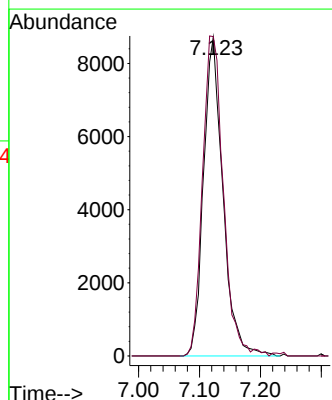
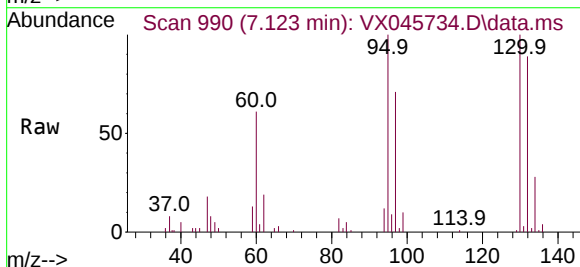
Acq: 11 Apr 2025 12:22

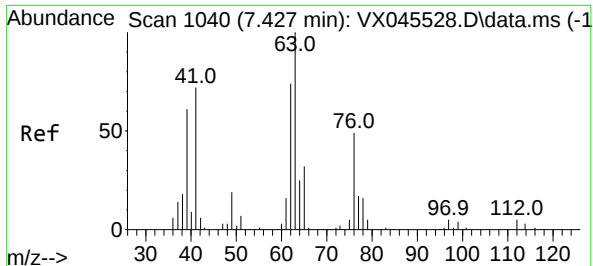
Tgt Ion:130 Resp: 19251

Ion Ratio Lower Upper

130 100

95 100.2 0.0 202.0





#45

1,2-Dichloropropane

Concen: 19.231 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

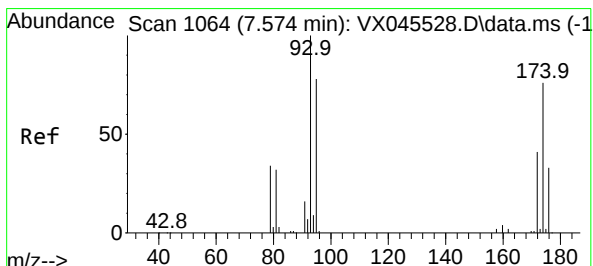
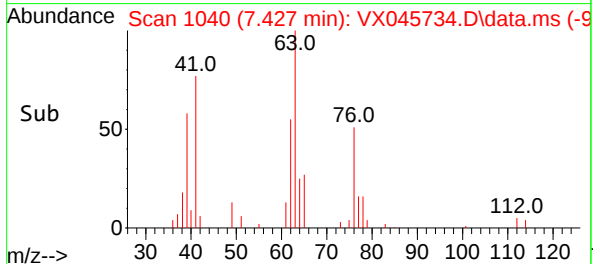
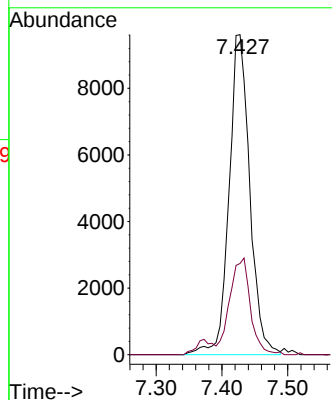
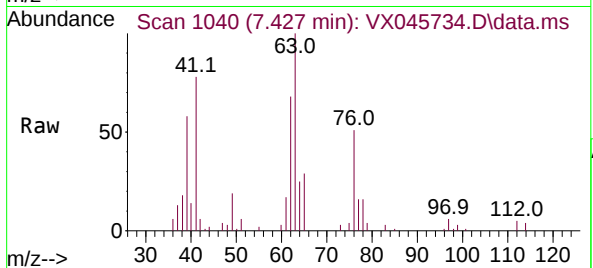
VX0411WBSD01

Tgt Ion: 63 Resp: 21096

Ion Ratio Lower Upper

63 100

65 28.5 25.8 38.6



#46

Dibromomethane

Concen: 19.665 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

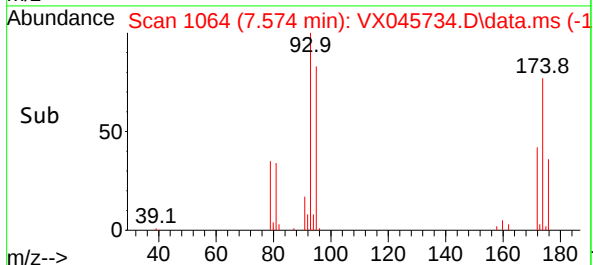
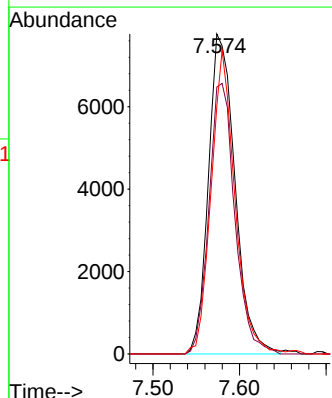
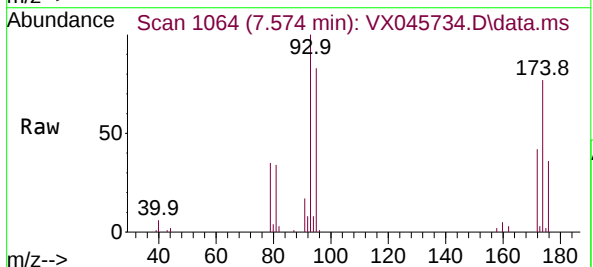
Tgt Ion: 93 Resp: 16560

Ion Ratio Lower Upper

93 100

95 82.6 64.8 97.2

174 85.1 65.4 98.0

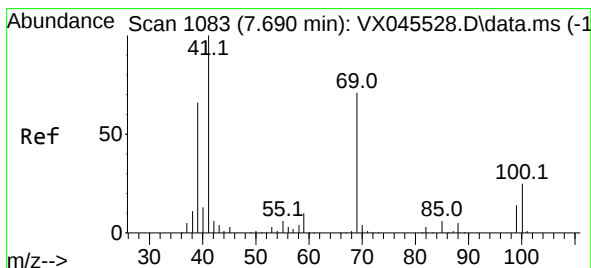
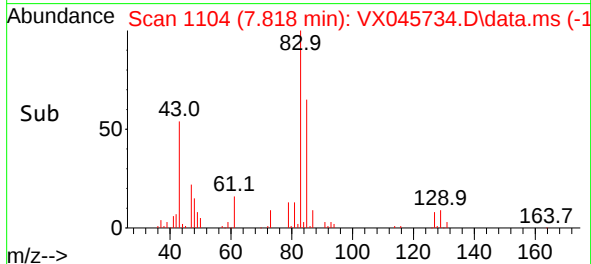
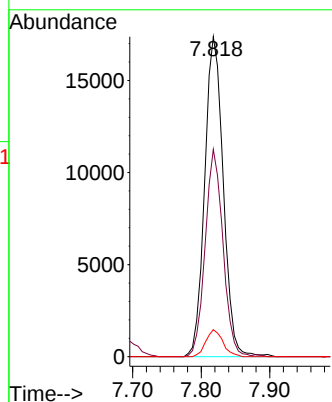
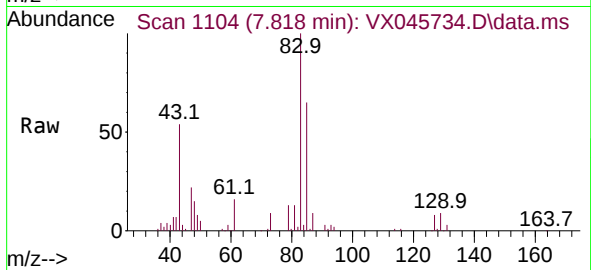




#47  
Bromodichloromethane  
Concen: 19.510 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

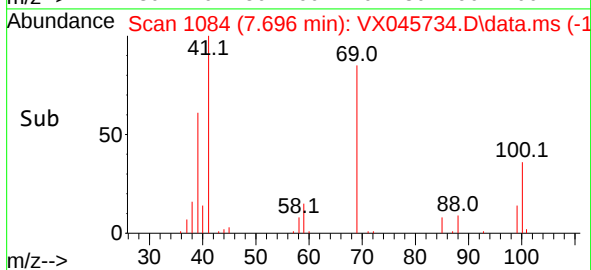
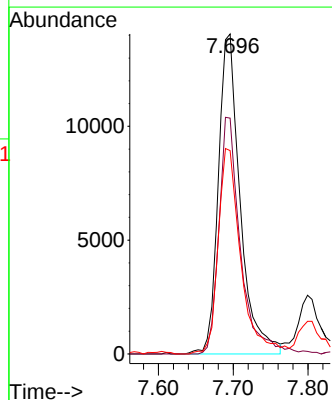
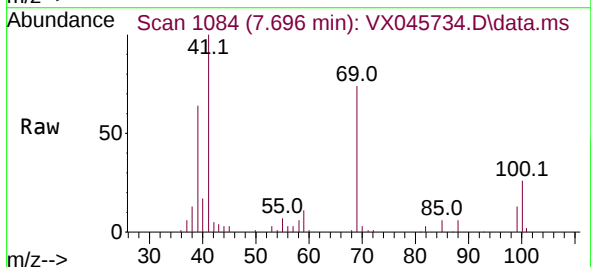
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

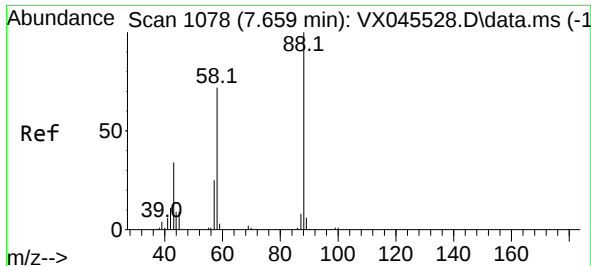
Tgt Ion: 83 Resp: 32810  
Ion Ratio Lower Upper  
83 100  
85 64.8 49.7 74.5  
127 8.5 6.1 9.1



#48  
Methyl methacrylate  
Concen: 20.151 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 41 Resp: 28607  
Ion Ratio Lower Upper  
41 100  
69 73.2 58.2 87.2  
39 66.6 53.6 80.4

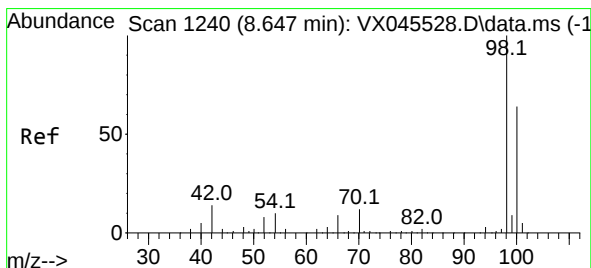
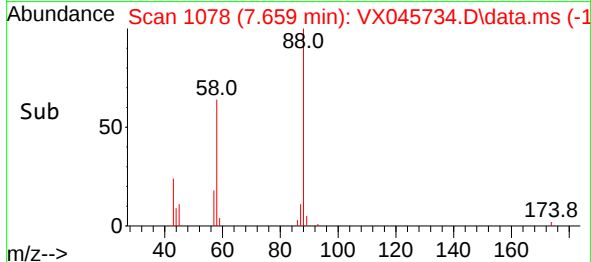
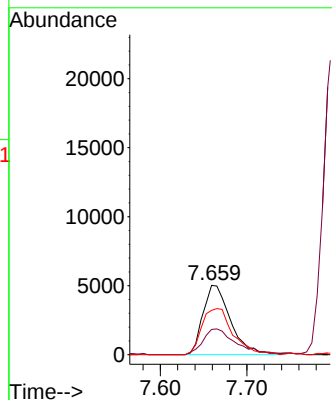
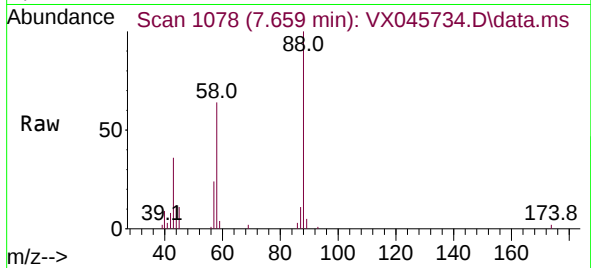




#49  
1,4-Dioxane  
Concen: 432.076 ug/l  
RT: 7.659 min Scan# 11098  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

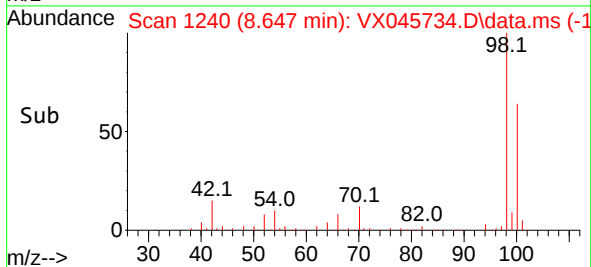
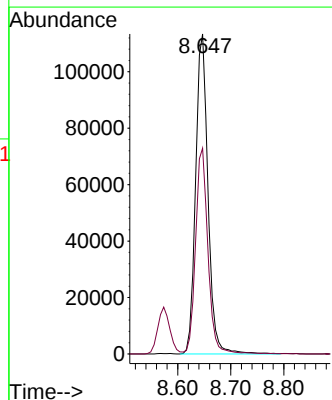
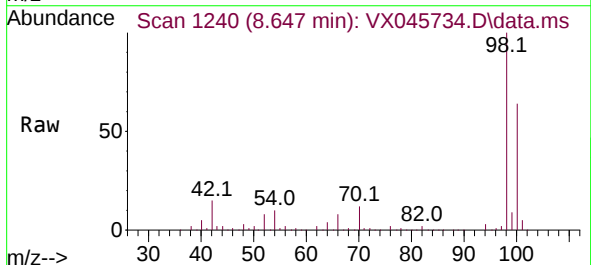
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 88 Resp: 11098  
Ion Ratio Lower Upper  
88 100  
43 44.4 32.2 48.4  
58 75.0 58.6 88.0



#50  
Toluene-d8  
Concen: 49.252 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 98 Resp: 183285  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.2 78.4

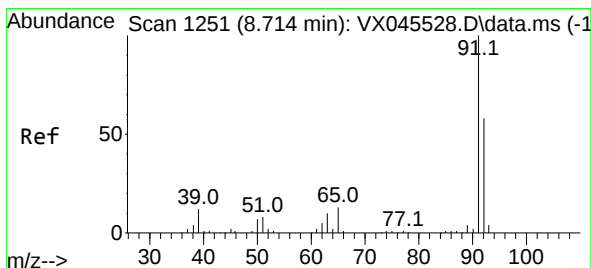
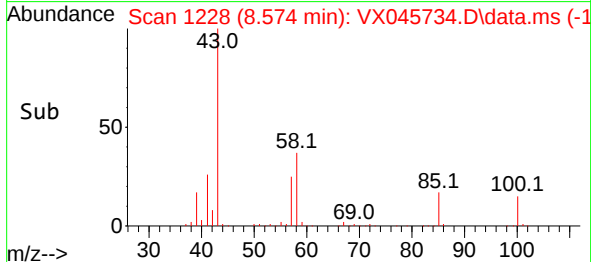
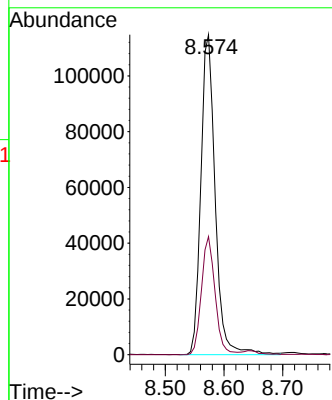
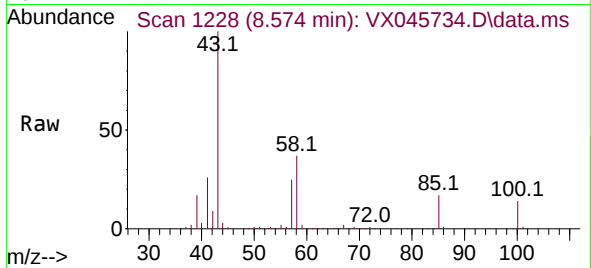




#51  
4-Methyl-2-Pentanone  
Concen: 106.998 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

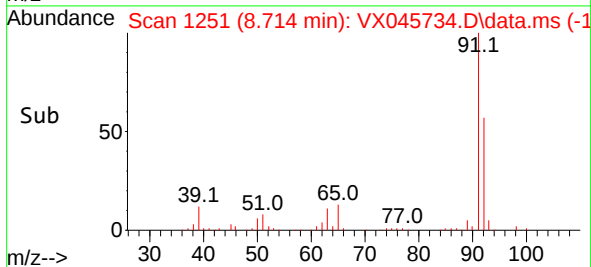
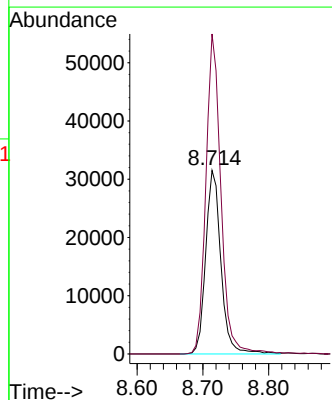
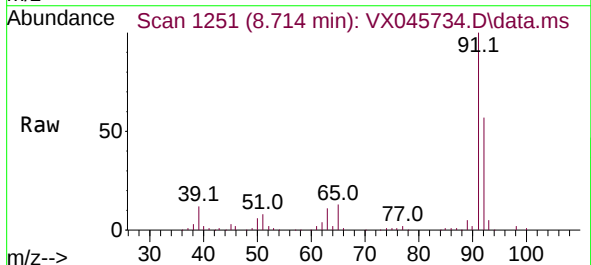
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 43 Resp: 195029  
Ion Ratio Lower Upper  
43 100  
58 35.0 28.5 42.7



#52  
Toluene  
Concen: 19.132 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 92 Resp: 50898  
Ion Ratio Lower Upper  
92 100  
91 172.6 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 18.352 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

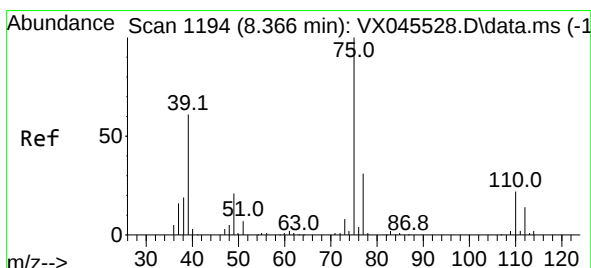
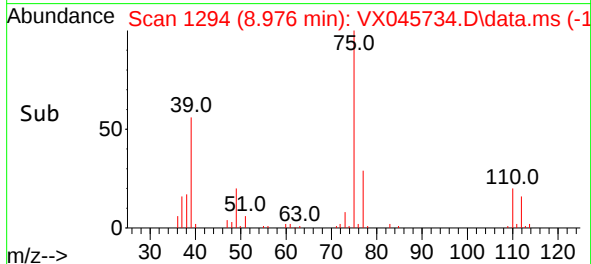
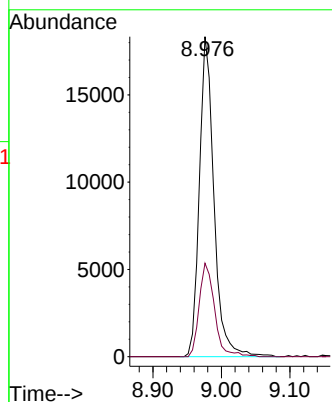
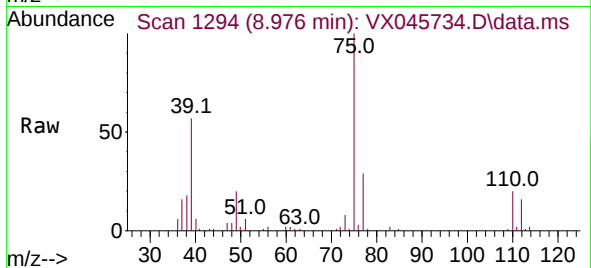
VX0411WBSD01

Tgt Ion: 75 Resp: 27223

Ion Ratio Lower Upper

75 100

77 29.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.884 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

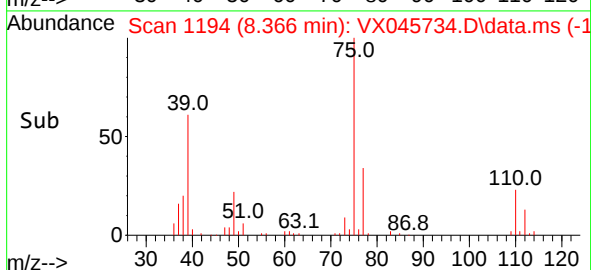
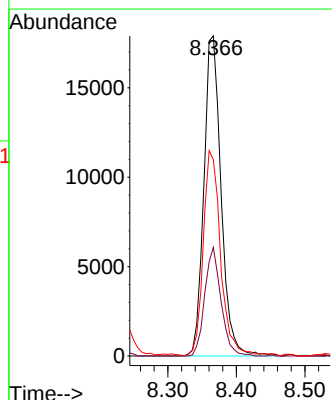
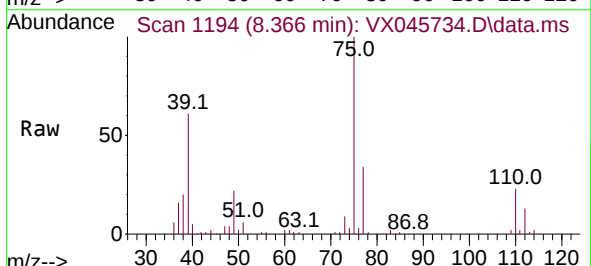
Tgt Ion: 75 Resp: 31424

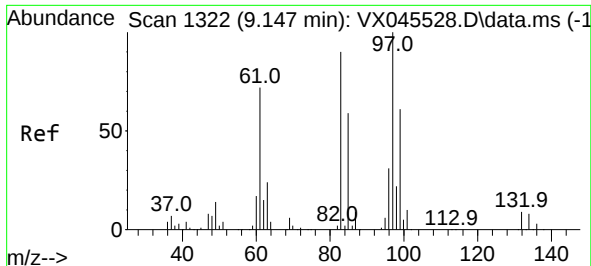
Ion Ratio Lower Upper

75 100

77 34.0 24.6 36.8

39 61.3 48.4 72.6

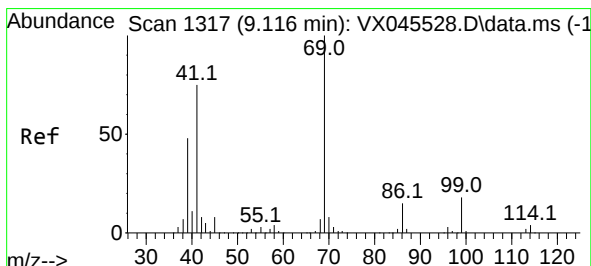
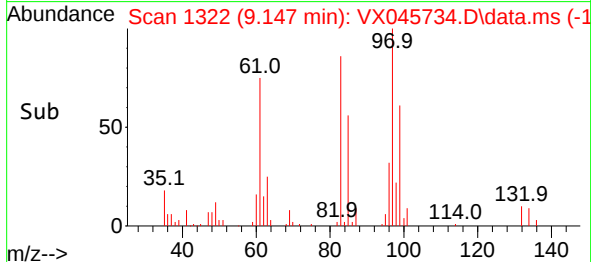
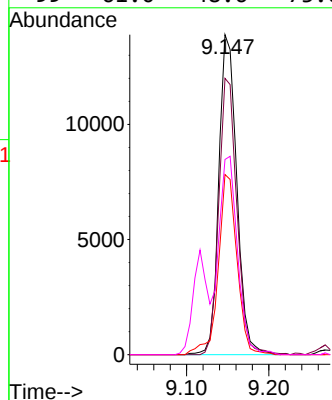
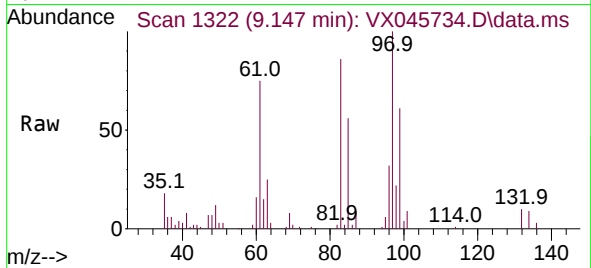




#55  
1,1,2-Trichloroethane  
Concen: 19.886 ug/l  
RT: 9.147 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

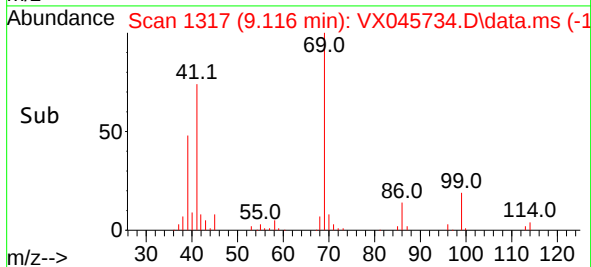
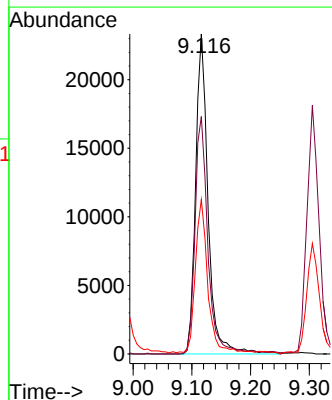
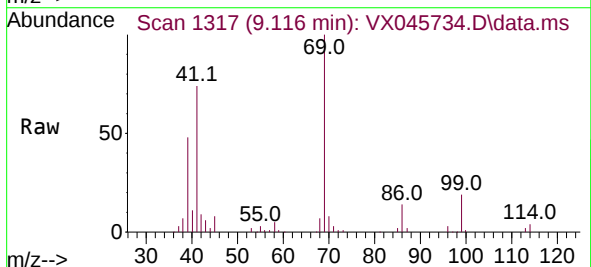
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

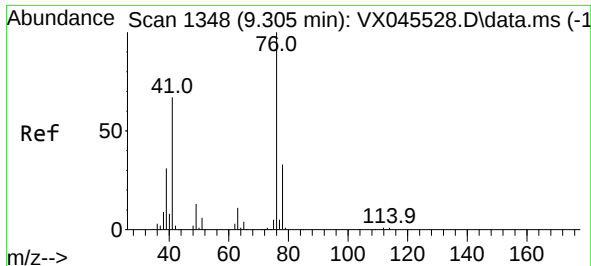
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 21082 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.3  | 71.8  | 107.8 |
| 85       | 56.3  | 47.0  | 70.6  |
| 99       | 61.0  | 48.6  | 73.0  |



#56  
Ethyl methacrylate  
Concen: 20.947 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 34367 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 77.1  | 61.3  | 91.9  |
| 39       | 49.3  | 40.2  | 60.2  |

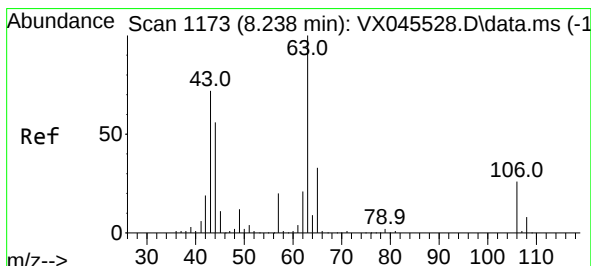
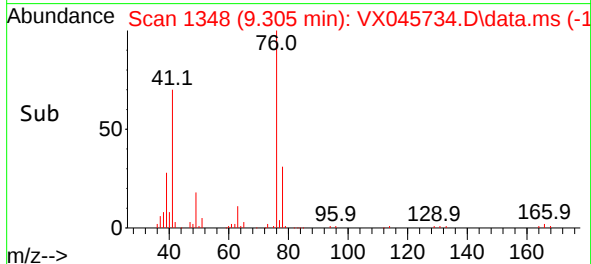
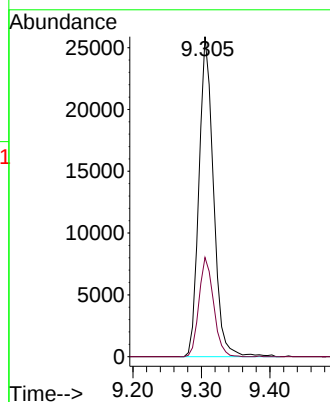
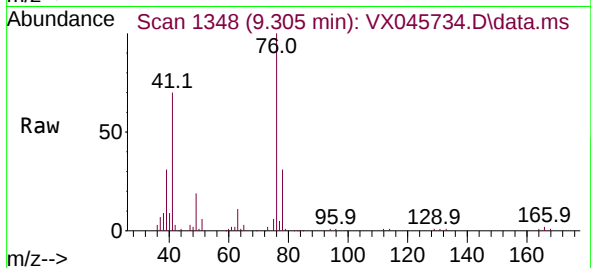




#57  
1,3-Dichloropropane  
Concen: 20.758 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

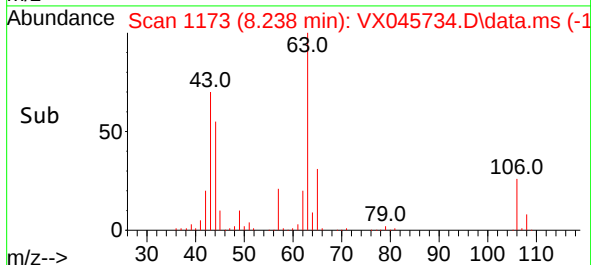
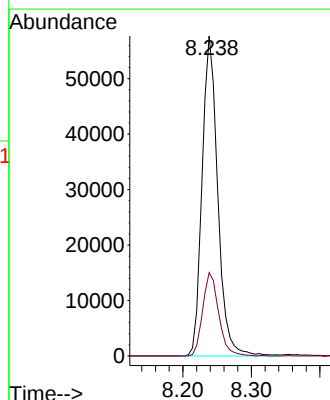
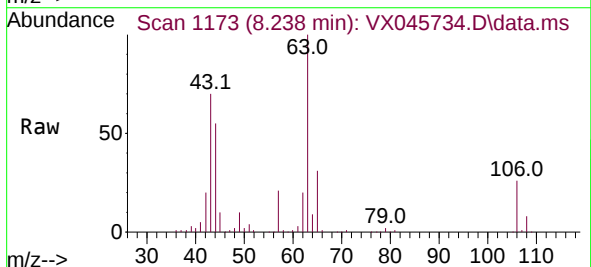
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

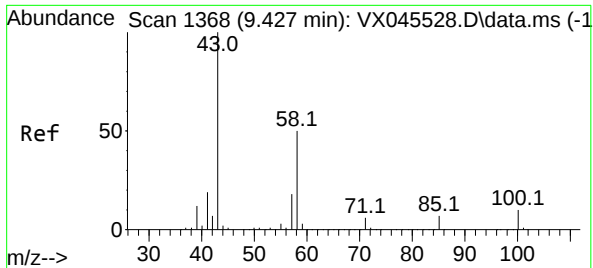
Tgt Ion: 76 Resp: 38320  
Ion Ratio Lower Upper  
76 100  
78 31.1 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 110.832 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 63 Resp: 91986  
Ion Ratio Lower Upper  
63 100  
106 26.5 21.0 31.6

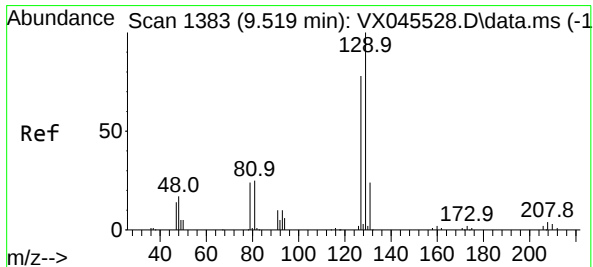
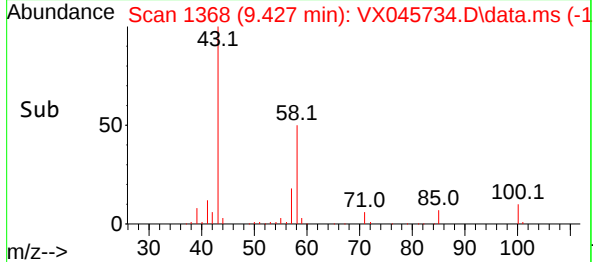
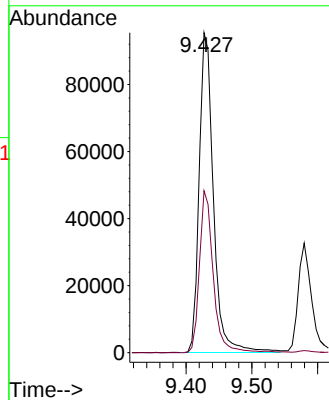
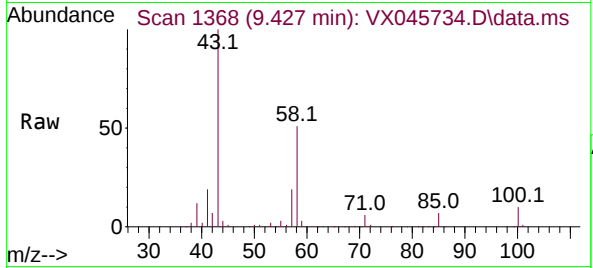




#59  
2-Hexanone  
Concen: 106.500 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

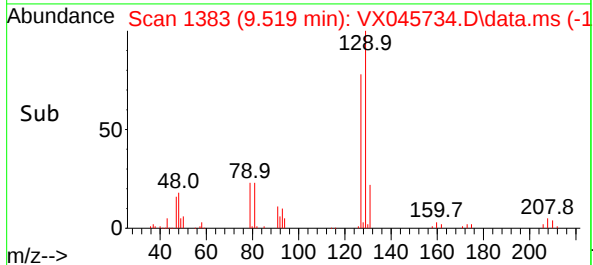
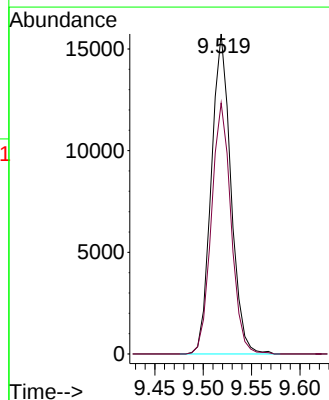
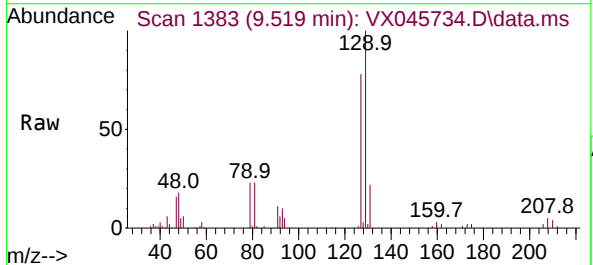
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

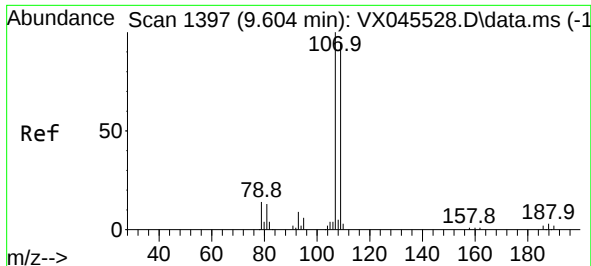
Tgt Ion: 43 Resp: 143752  
Ion Ratio Lower Upper  
43 100  
58 48.7 24.9 74.6



#60  
Dibromochloromethane  
Concen: 19.183 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 129 Resp: 22170  
Ion Ratio Lower Upper  
129 100  
127 78.4 39.4 118.2

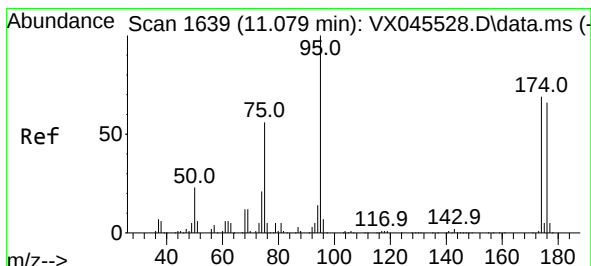
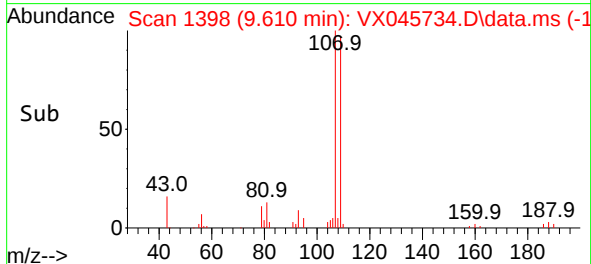
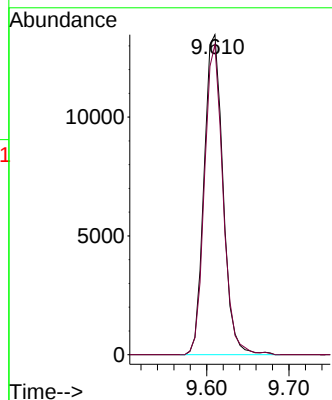
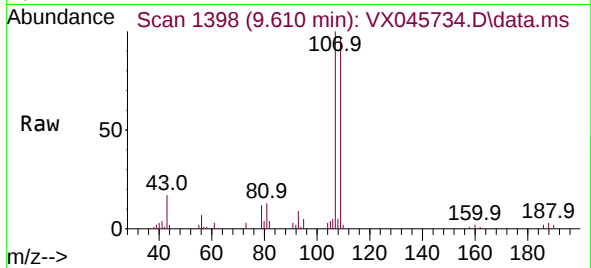




#61  
1,2-Dibromoethane  
Concen: 20.071 ug/l  
RT: 9.610 min Scan# 1397  
Delta R.T. 0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

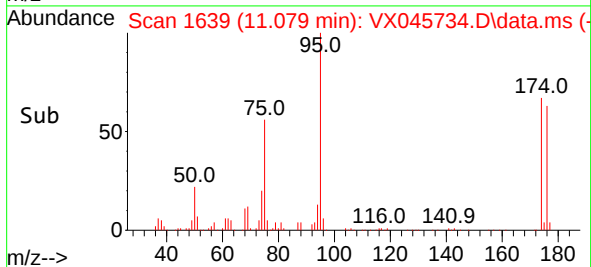
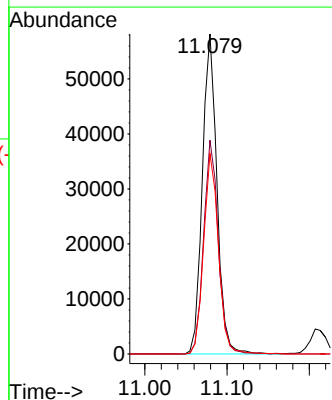
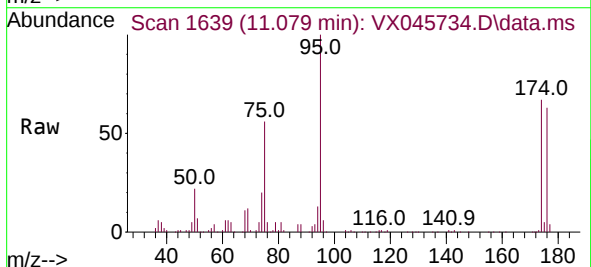
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion:107 Resp: 21539  
Ion Ratio Lower Upper  
107 100  
109 95.1 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 52.894 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 95 Resp: 71699  
Ion Ratio Lower Upper  
95 100  
174 67.1 0.0 135.8  
176 63.6 0.0 131.4

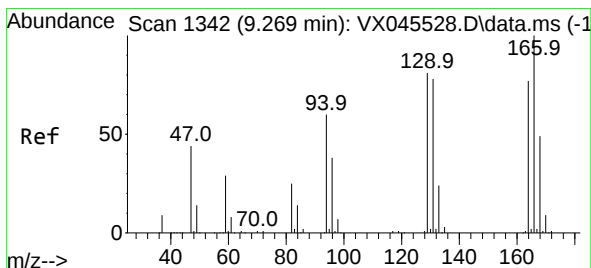
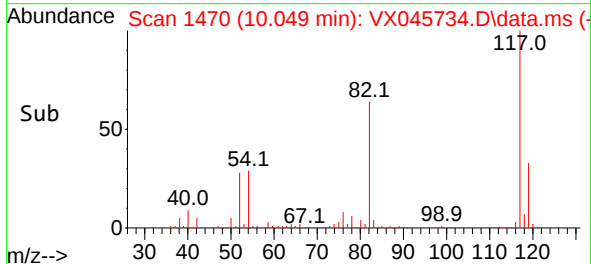
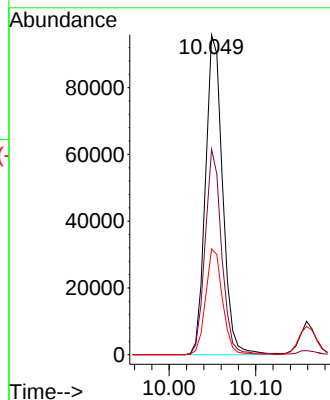
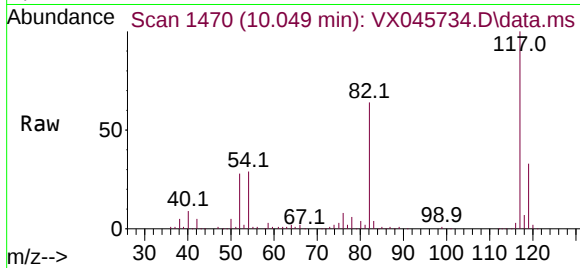




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

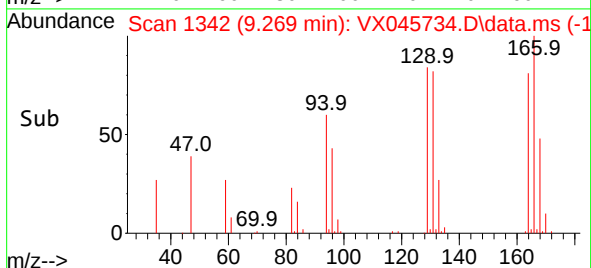
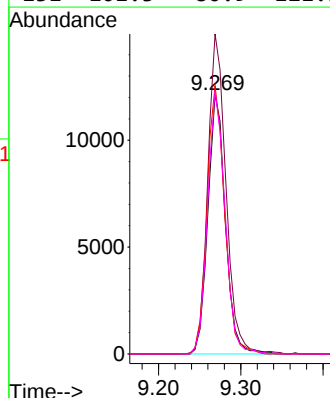
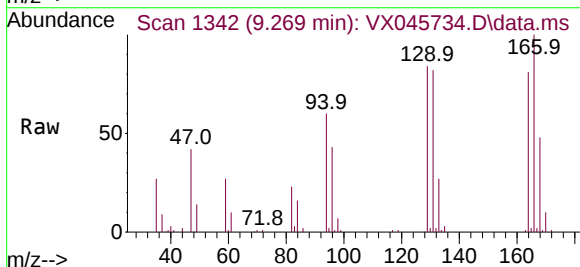
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion:117 Resp: 131860  
Ion Ratio Lower Upper  
117 100  
82 64.3 49.2 73.8  
119 33.1 25.1 37.7



#64  
Tetrachloroethene  
Concen: 19.248 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion:164 Resp: 17919  
Ion Ratio Lower Upper  
164 100  
166 123.3 103.8 155.8  
129 103.3 84.3 126.5  
131 101.3 80.9 121.3

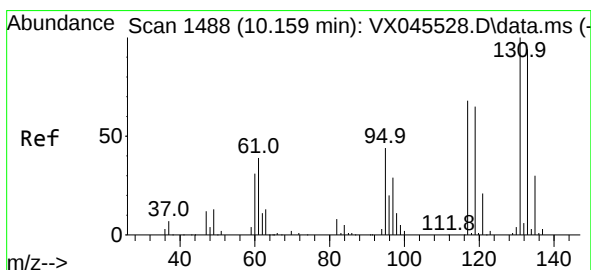
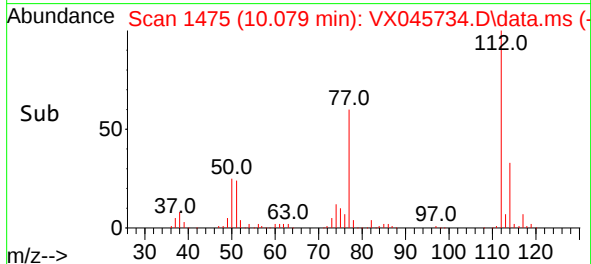
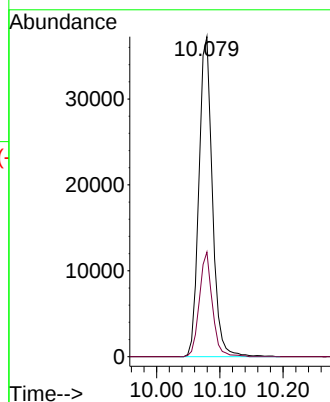
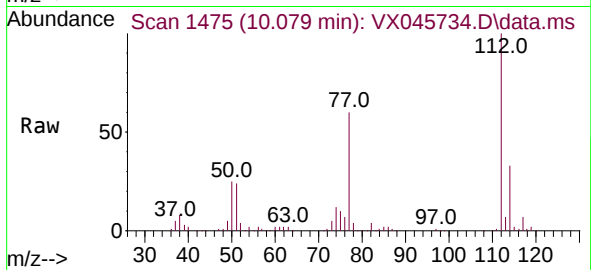




#65  
Chlorobenzene  
Concen: 19.575 ug/l  
RT: 10.079 min Scan# 1474  
Delta R.T. 0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

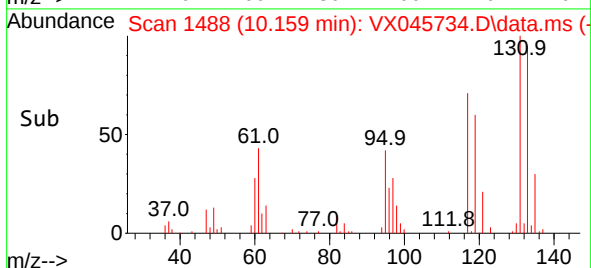
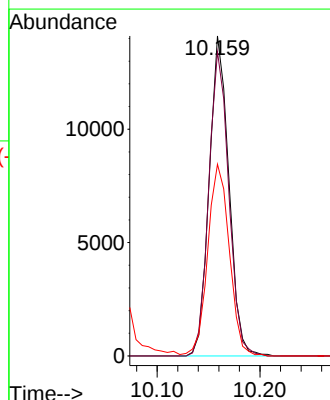
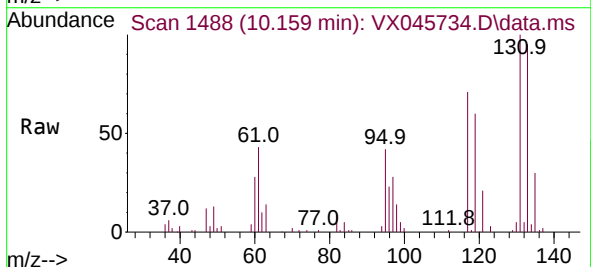
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

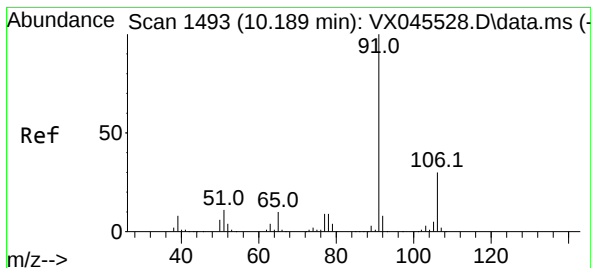
Tgt Ion:112 Resp: 55155  
Ion Ratio Lower Upper  
112 100  
114 32.7 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.192 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion:131 Resp: 18774  
Ion Ratio Lower Upper  
131 100  
133 96.7 47.5 142.5  
119 65.7 32.9 98.6





#67

Ethyl Benzene

Concen: 19.506 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

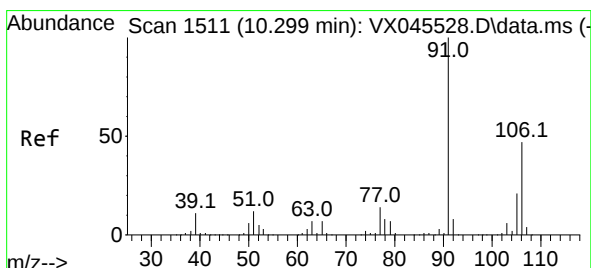
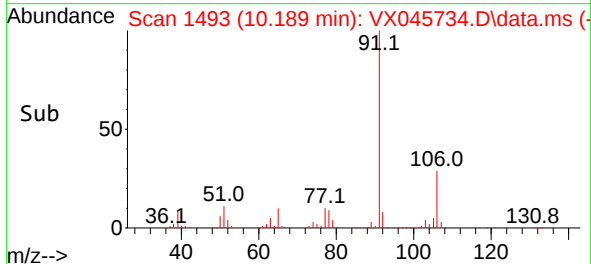
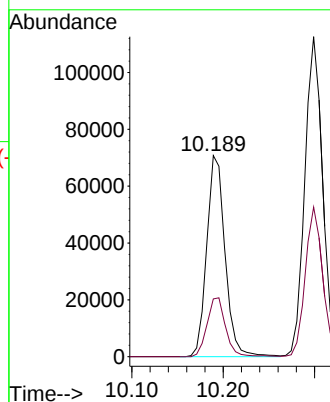
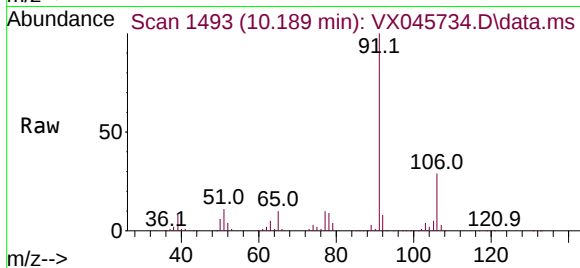
VX0411WBSD01

Tgt Ion: 91 Resp: 98437

Ion Ratio Lower Upper

91 100

106 28.7 23.7 35.5



#68

m/p-Xylenes

Concen: 38.936 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045734.D

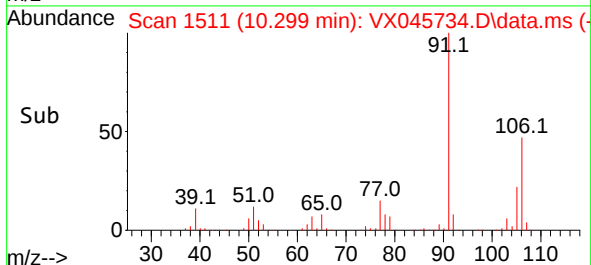
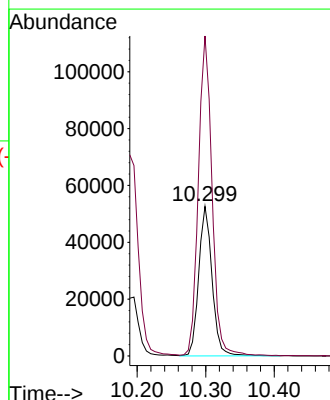
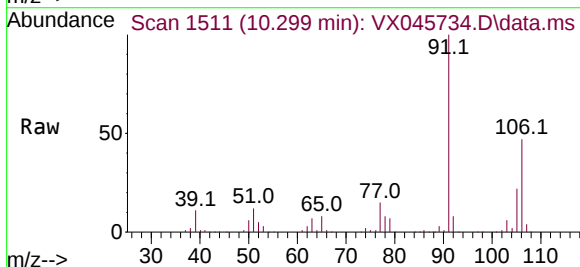
Acq: 11 Apr 2025 12:22

Tgt Ion:106 Resp: 71463

Ion Ratio Lower Upper

106 100

91 218.7 172.6 258.8





#69

o-Xylene

Concen: 19.746 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

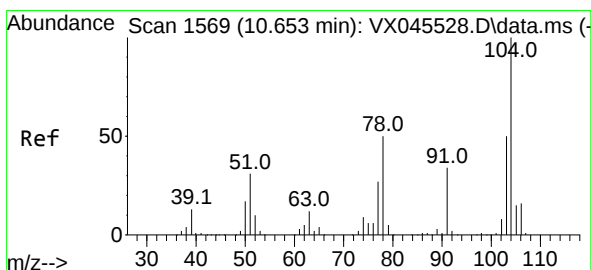
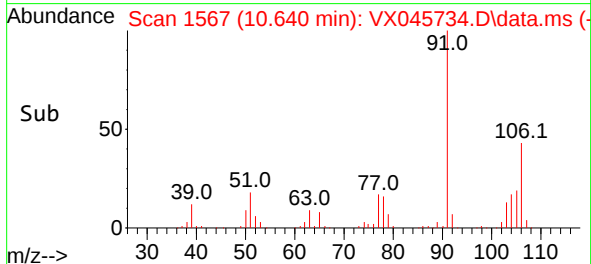
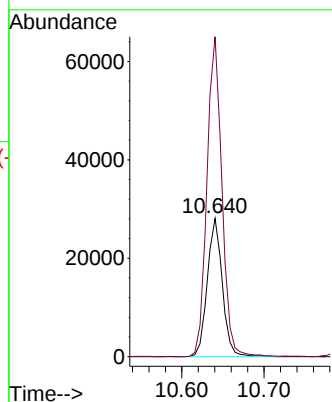
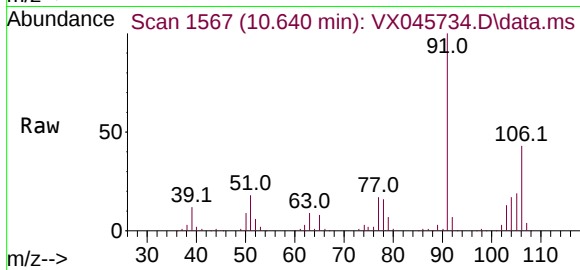
VX0411WBSD01

Tgt Ion:106 Resp: 35702

Ion Ratio Lower Upper

106 100

91 231.1 113.6 340.6



#70

Styrene

Concen: 20.128 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

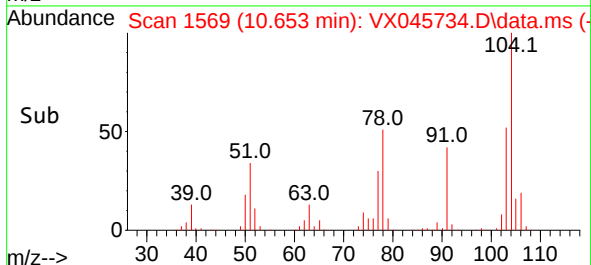
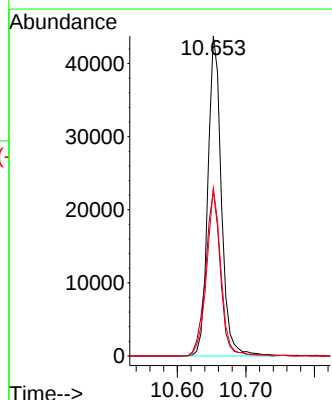
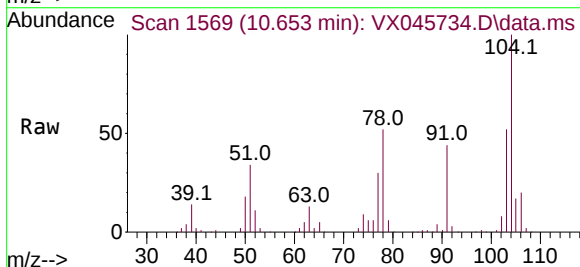
Tgt Ion:104 Resp: 60067

Ion Ratio Lower Upper

104 100

78 56.8 45.4 68.2

103 55.6 43.8 65.8





#71

Bromoform

Concen: 18.847 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0411WBSD01

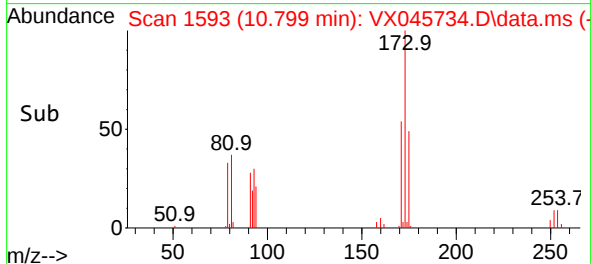
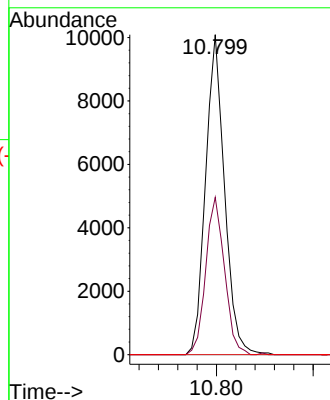
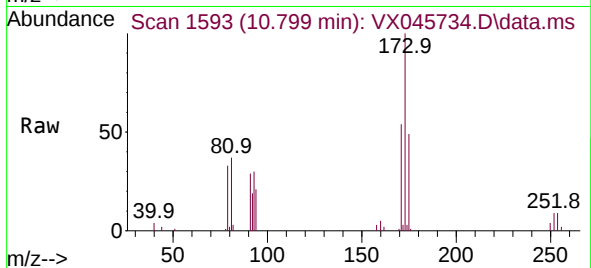
Tgt Ion:173 Resp: 13766

Ion Ratio Lower Upper

173 100

175 48.6 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

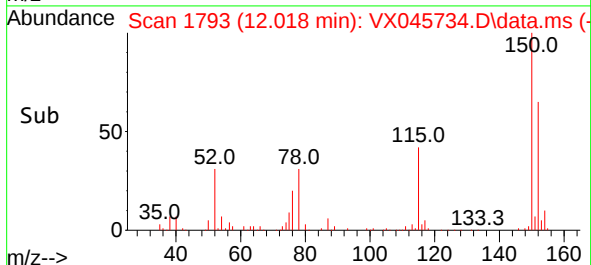
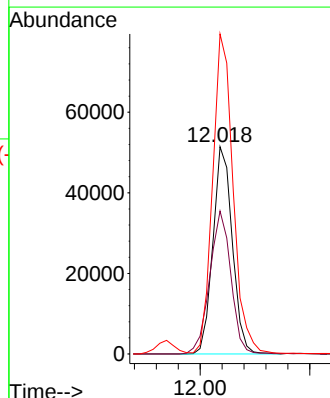
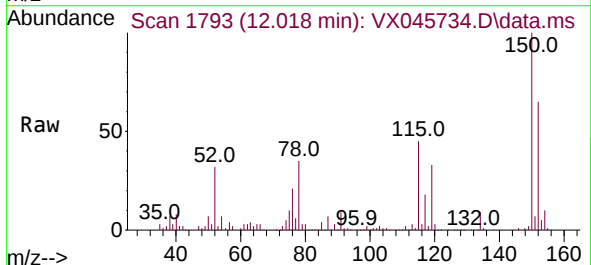
Tgt Ion:152 Resp: 63206

Ion Ratio Lower Upper

152 100

115 75.4 46.9 140.7

150 162.4 0.0 349.4

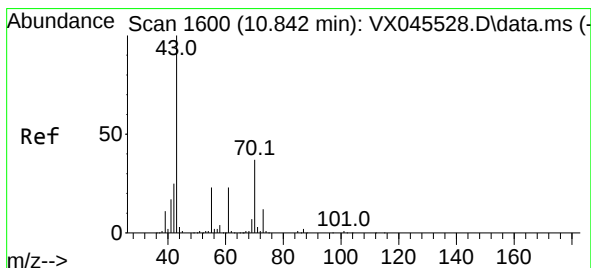
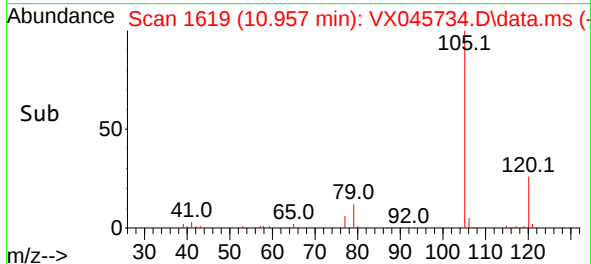
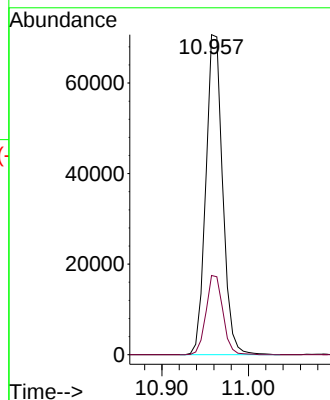
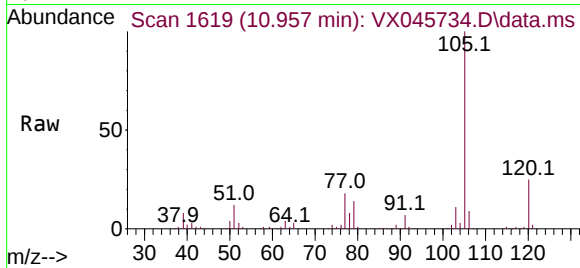




#73  
Isopropylbenzene  
Concen: 18.828 ug/l  
RT: 10.957 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

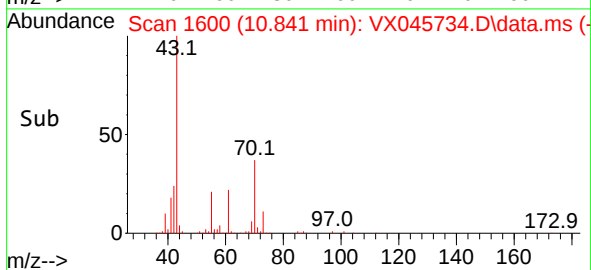
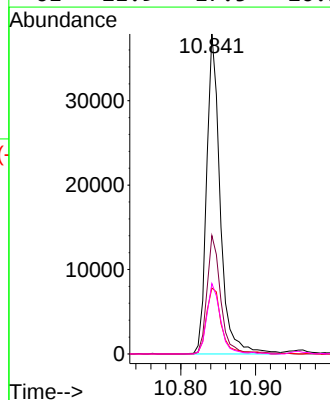
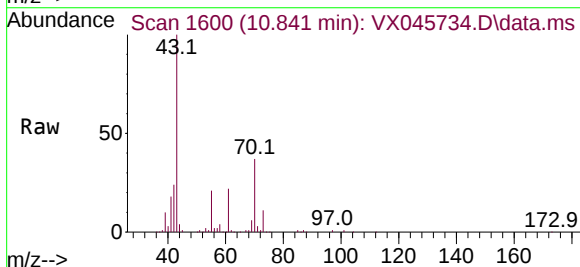
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion:105 Resp: 95325  
Ion Ratio Lower Upper  
105 100  
120 24.8 12.7 38.0



#74  
N-ethyl acetate  
Concen: 19.782 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 43 Resp: 47908  
Ion Ratio Lower Upper  
43 100  
70 37.6 30.1 45.1  
55 22.9 18.3 27.5  
61 21.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.101 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0411WBSD01

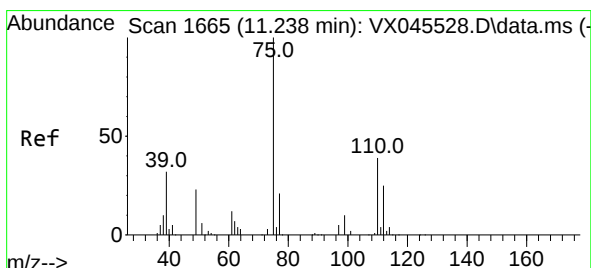
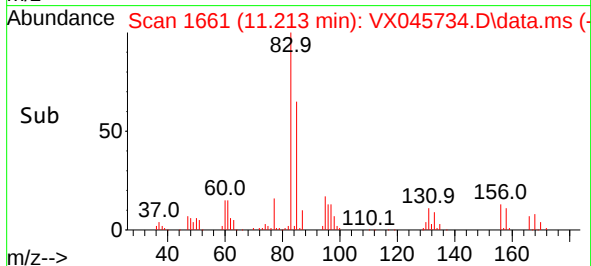
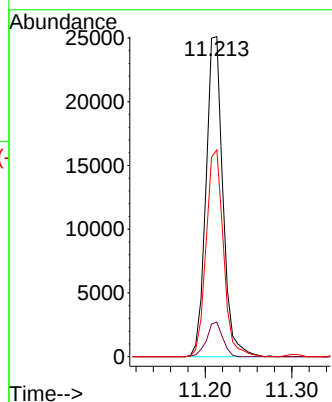
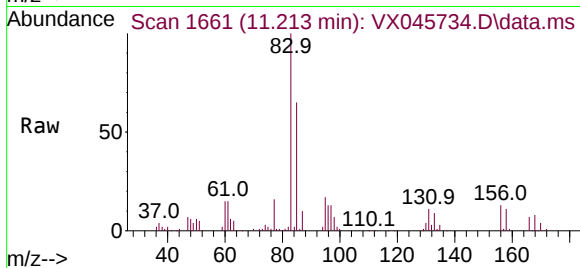
Tgt Ion: 83 Resp: 33971

Ion Ratio Lower Upper

83 100

131 10.3 4.7 14.1

85 66.1 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 23.351 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX045734.D

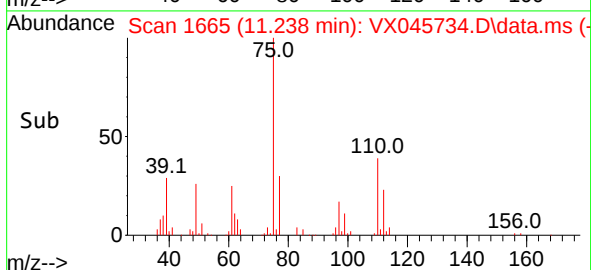
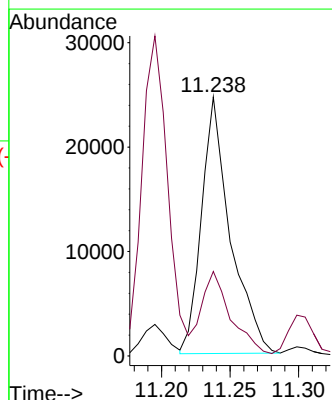
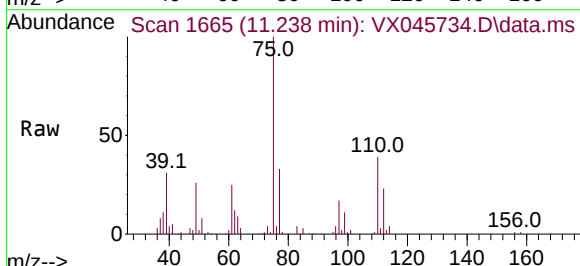
Acq: 11 Apr 2025 12:22

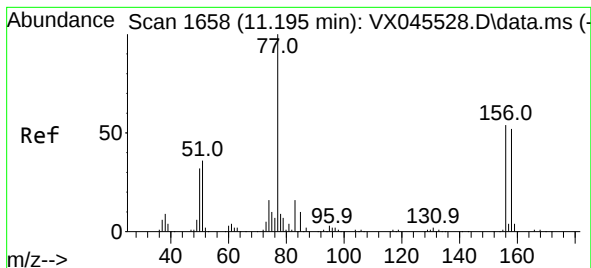
Tgt Ion: 75 Resp: 36001

Ion Ratio Lower Upper

75 100

77 34.2 20.0 59.9





#77

Bromobenzene

Concen: 18.496 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0411WBSD01

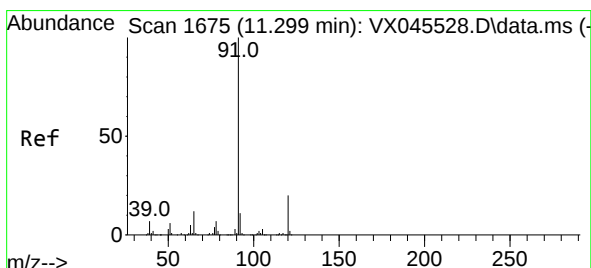
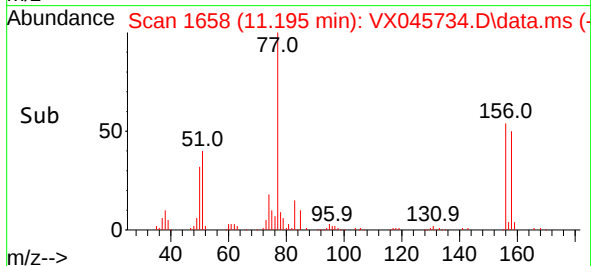
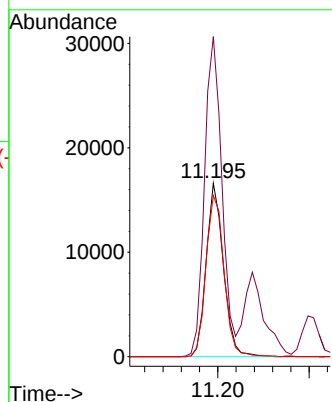
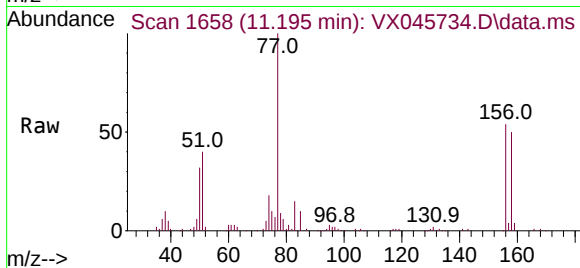
Tgt Ion:156 Resp: 21636

Ion Ratio Lower Upper

156 100

77 186.6 92.6 277.8

158 97.6 48.1 144.4



#78

n-propylbenzene

Concen: 18.729 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX045734.D

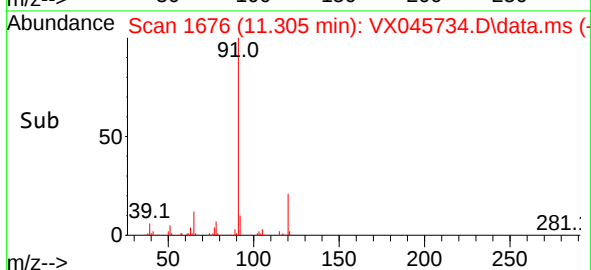
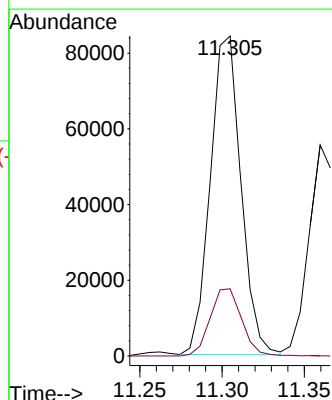
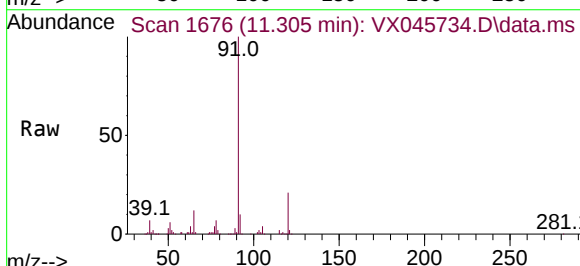
Acq: 11 Apr 2025 12:22

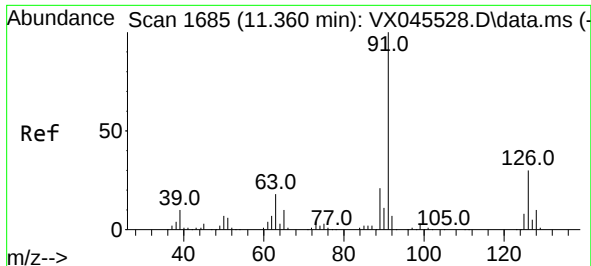
Tgt Ion: 91 Resp: 109219

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.3

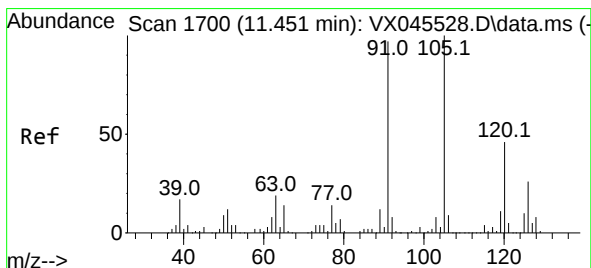
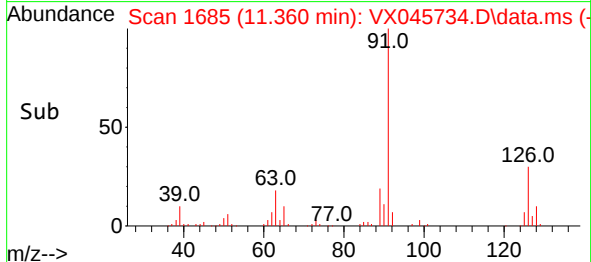
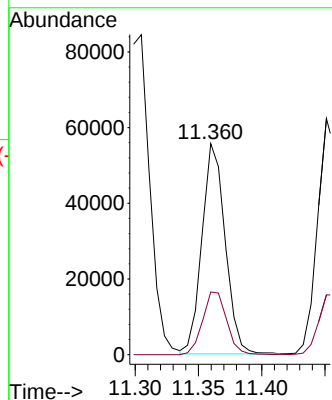
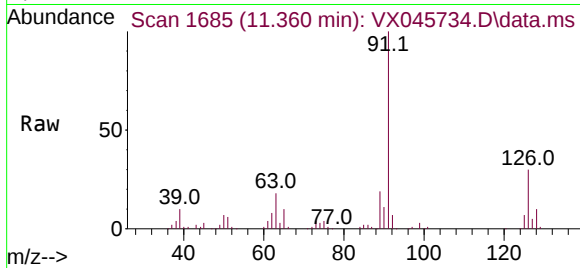




#79  
2-Chlorotoluene  
Concen: 19.042 ug/l  
RT: 11.360 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

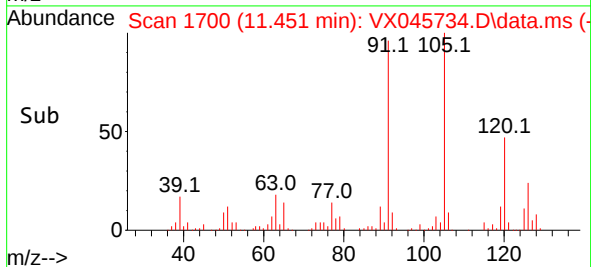
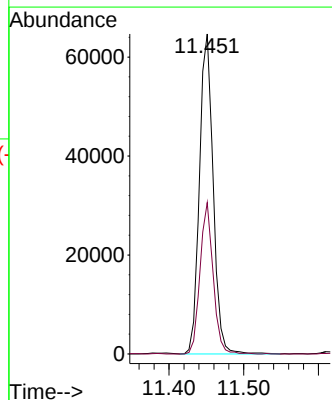
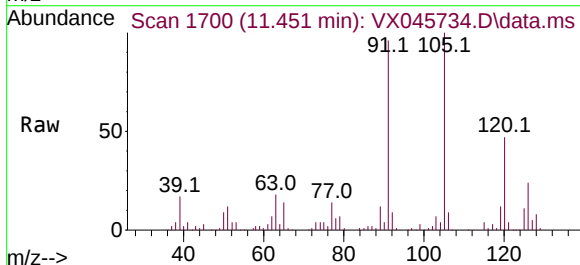
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 91 Resp: 70992  
Ion Ratio Lower Upper  
91 100  
126 31.0 15.8 47.4



#80  
1,3,5-Trimethylbenzene  
Concen: 19.685 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion:105 Resp: 82413  
Ion Ratio Lower Upper  
105 100  
120 45.2 23.0 69.0

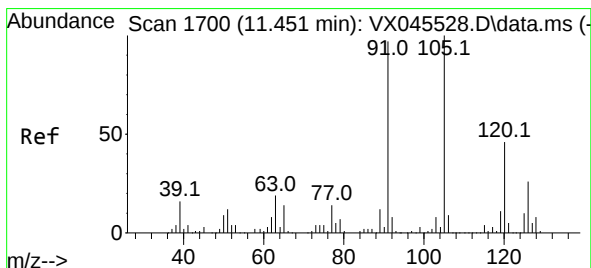
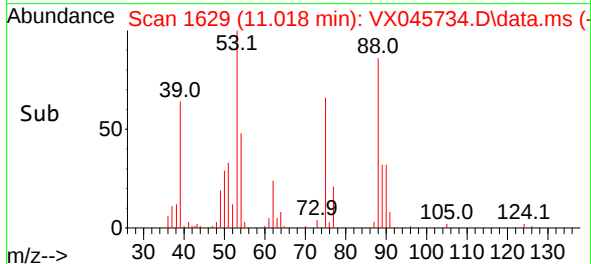
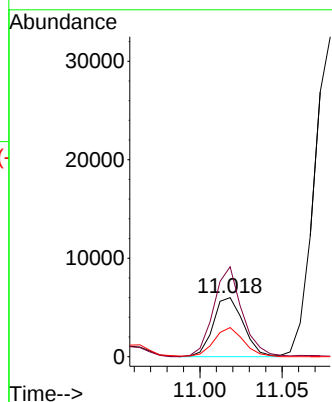
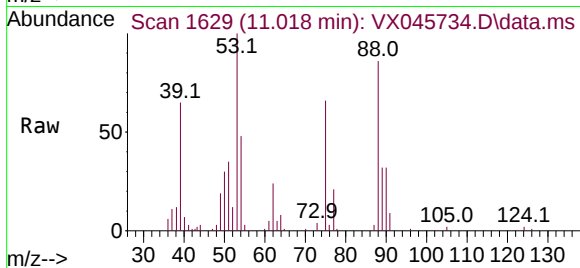




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.968 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

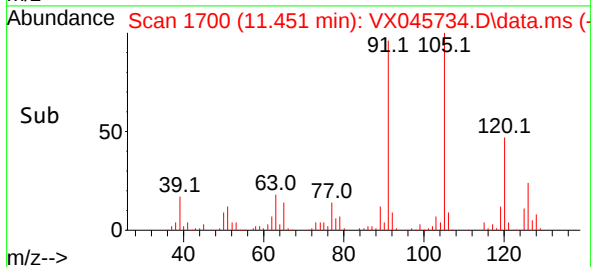
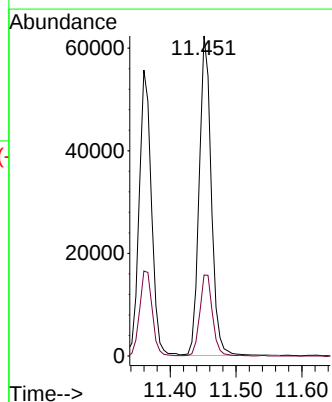
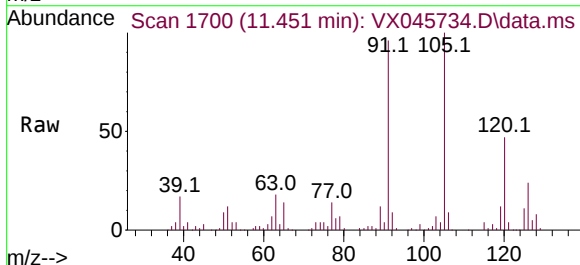
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion: 75 Resp: 7708  
Ion Ratio Lower Upper  
75 100  
53 143.2 101.8 152.6  
89 48.2 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 19.041 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 91 Resp: 79146  
Ion Ratio Lower Upper  
91 100  
126 26.8 13.3 39.9





#83

tert-Butylbenzene

Concen: 19.544 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0411WBSD01

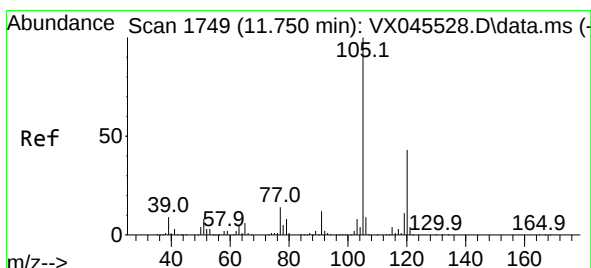
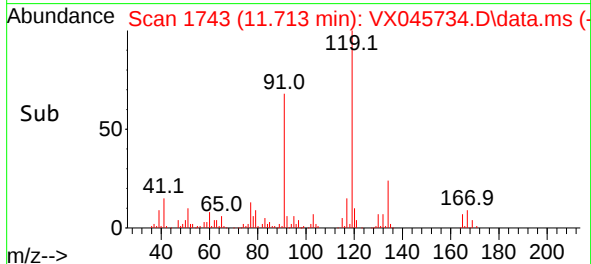
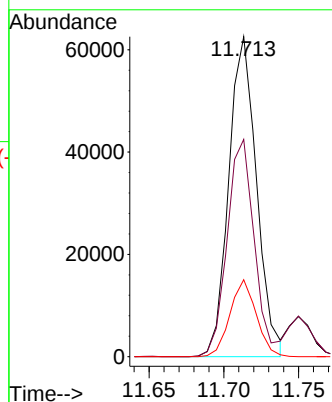
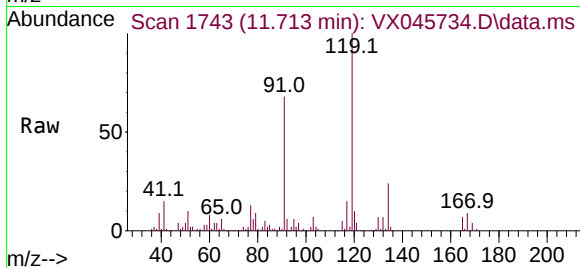
Tgt Ion:119 Resp: 81006

Ion Ratio Lower Upper

119 100

91 66.7 32.4 97.2

134 22.8 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 19.427 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045734.D

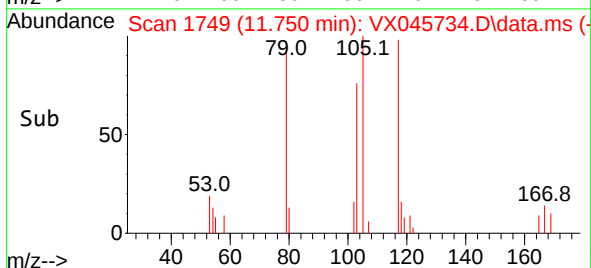
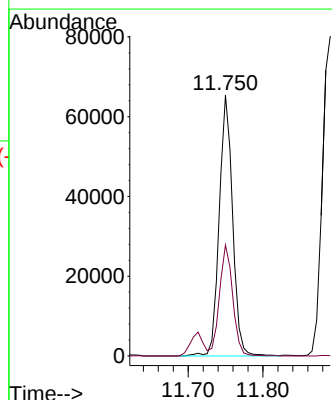
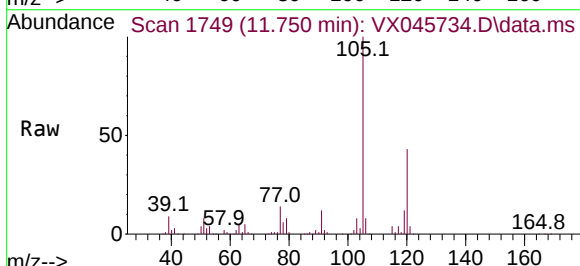
Acq: 11 Apr 2025 12:22

Tgt Ion:105 Resp: 81630

Ion Ratio Lower Upper

105 100

120 42.2 21.4 64.3

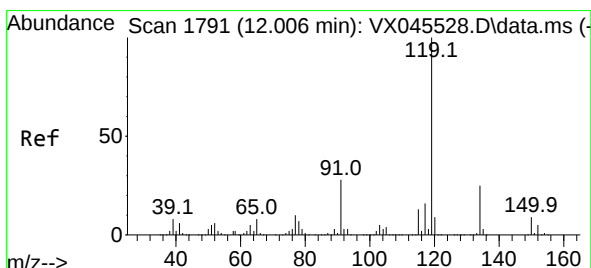
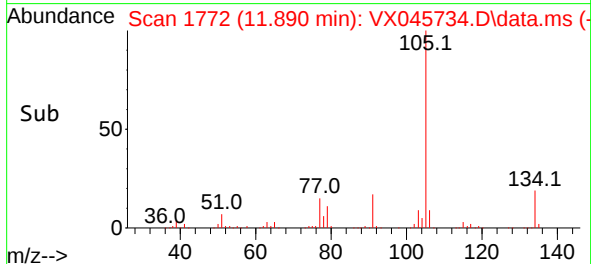
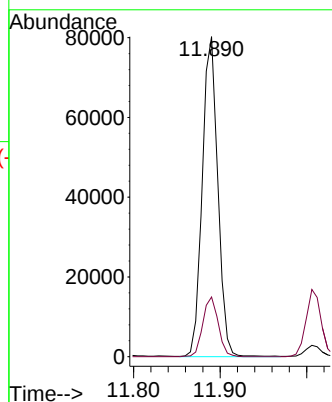
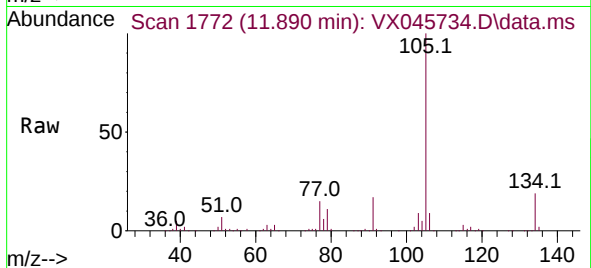




#85  
 sec-Butylbenzene  
 Concen: 19.646 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX045734.D  
 Acq: 11 Apr 2025 12:22

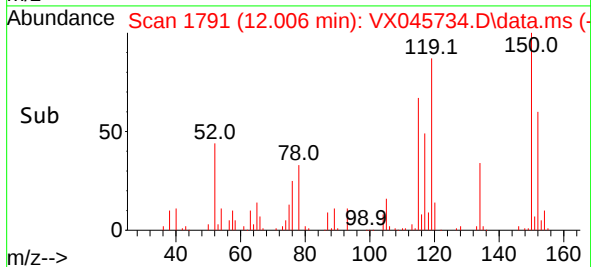
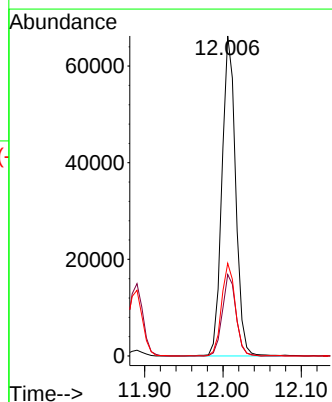
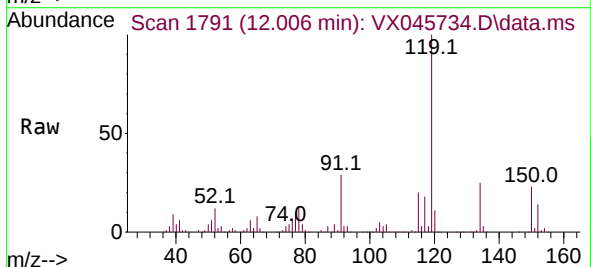
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0411WBSD01

Tgt Ion:105 Resp: 100015  
 Ion Ratio Lower Upper  
 105 100  
 134 18.5 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 19.230 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX045734.D  
 Acq: 11 Apr 2025 12:22

Tgt Ion:119 Resp: 80710  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 12.6 37.8  
 91 29.1 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 18.700 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0411WBSD01

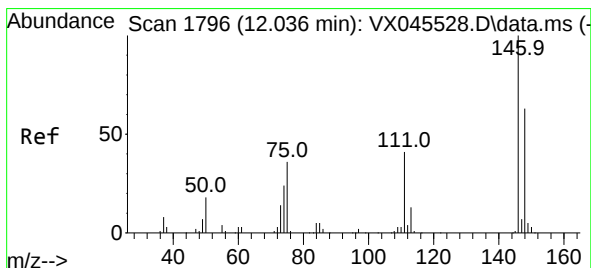
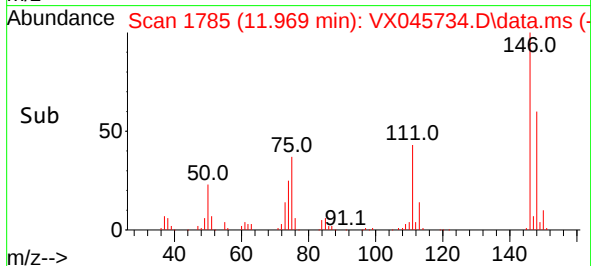
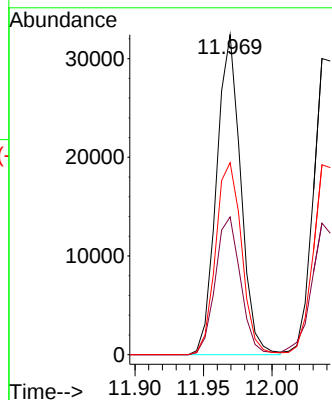
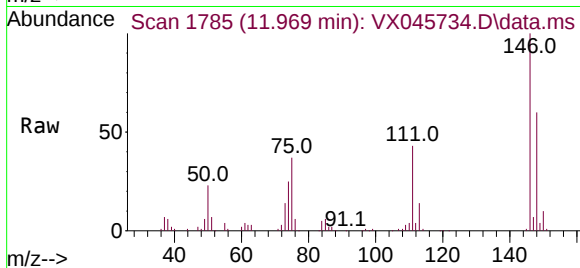
Tgt Ion:146 Resp: 39819

Ion Ratio Lower Upper

146 100

111 45.1 22.2 66.6

148 64.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 18.625 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

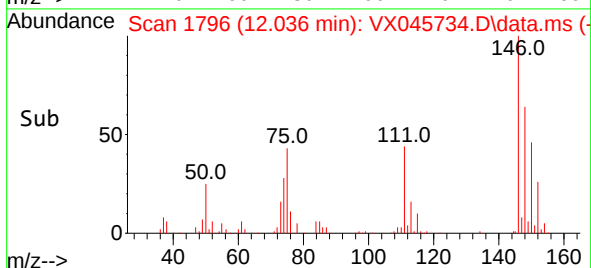
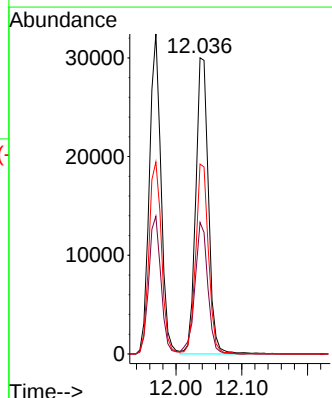
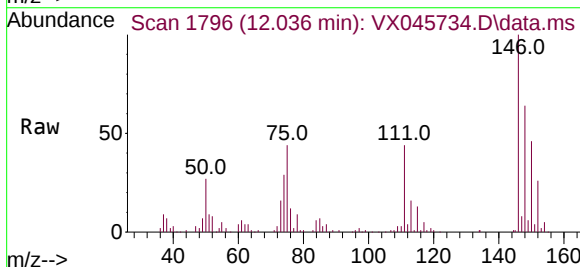
Tgt Ion:146 Resp: 40207

Ion Ratio Lower Upper

146 100

111 44.9 20.9 62.8

148 64.5 31.5 94.5





#89

n-Butylbenzene

Concen: 19.237 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0411WBSD01

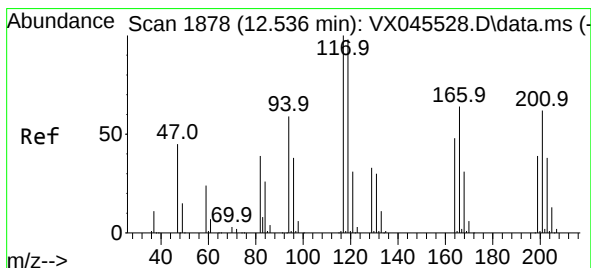
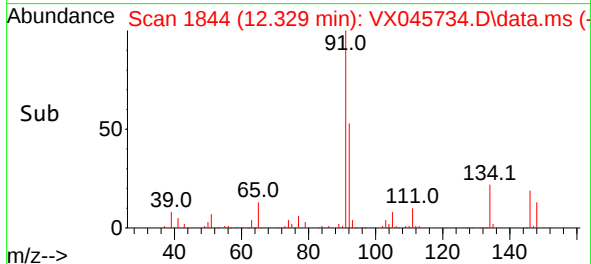
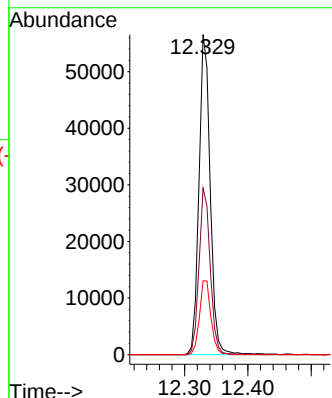
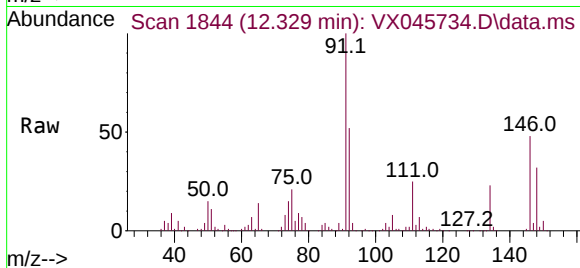
Tgt Ion: 91 Resp: 70013

Ion Ratio Lower Upper

91 100

92 51.7 26.9 80.6

134 23.5 11.9 35.7



#90

Hexachloroethane

Concen: 17.984 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045734.D

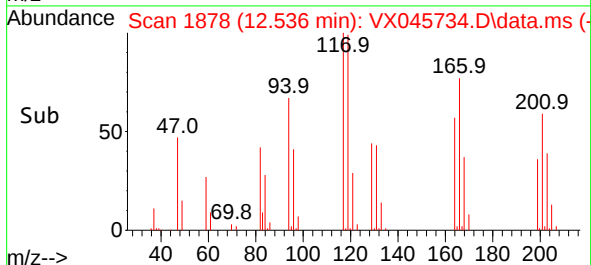
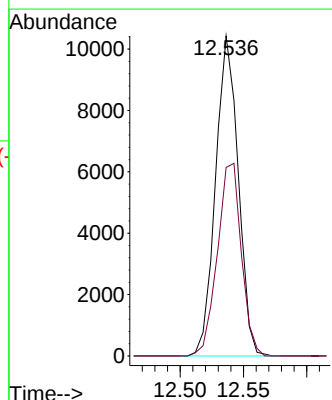
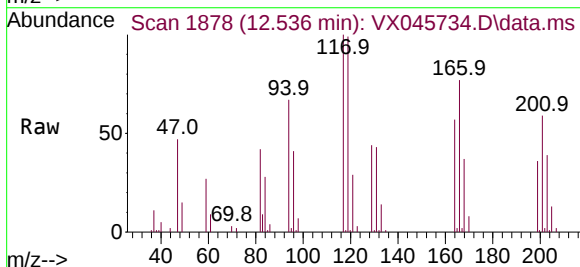
Acq: 11 Apr 2025 12:22

Tgt Ion: 117 Resp: 12972

Ion Ratio Lower Upper

117 100

201 63.7 31.2 93.6

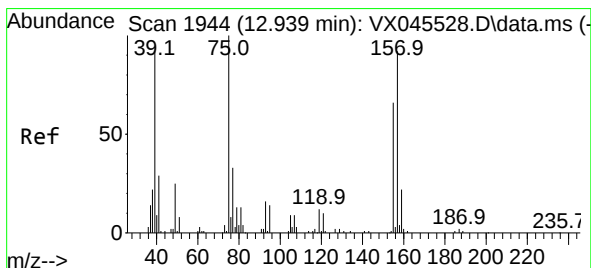
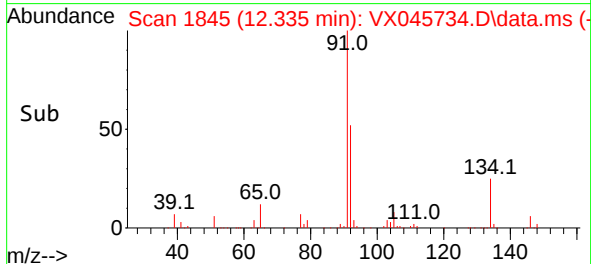
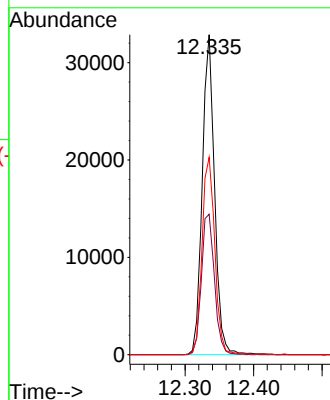
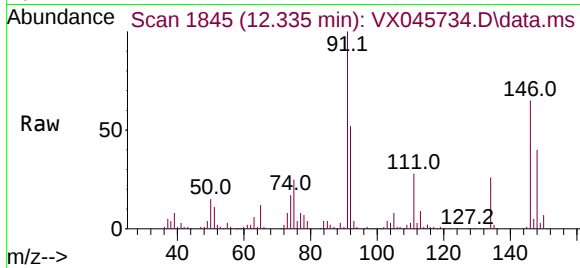




#91  
1,2-Dichlorobenzene  
Concen: 19.448 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

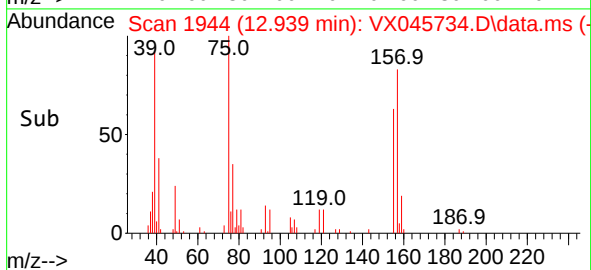
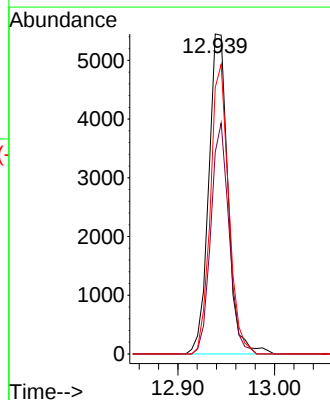
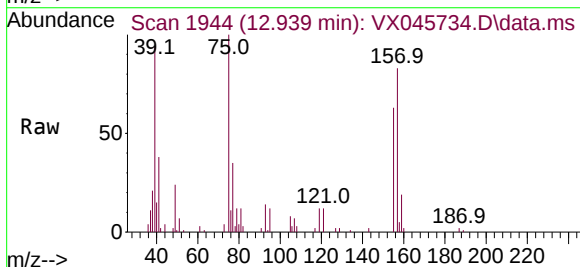
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

Tgt Ion:146 Resp: 41172  
Ion Ratio Lower Upper  
146 100  
111 46.6 22.9 68.8  
148 63.7 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.323 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion: 75 Resp: 7559  
Ion Ratio Lower Upper  
75 100  
155 67.8 34.9 104.7  
157 85.7 44.9 134.7

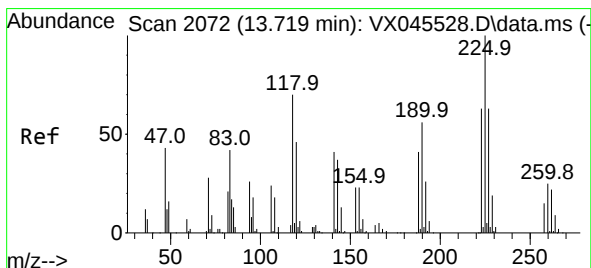
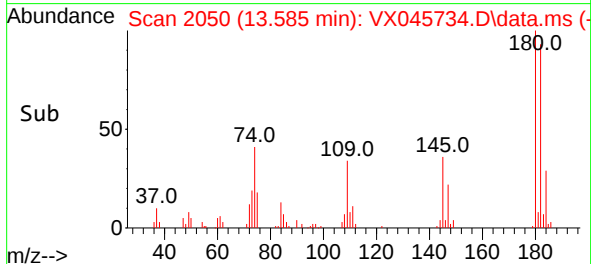
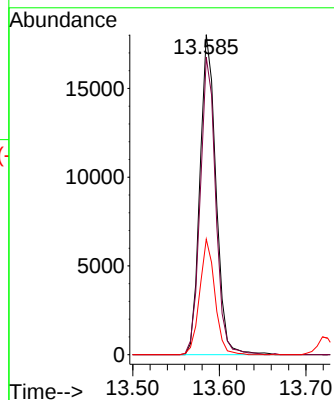
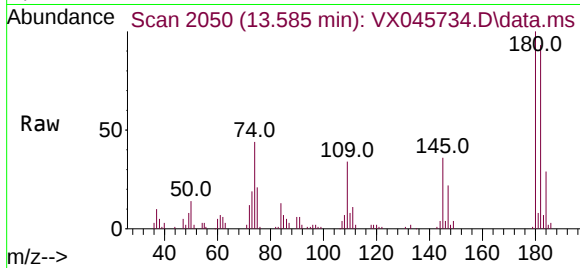




#93  
1,2,4-Trichlorobenzene  
Concen: 19.650 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

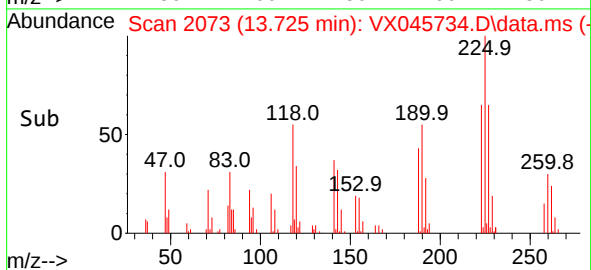
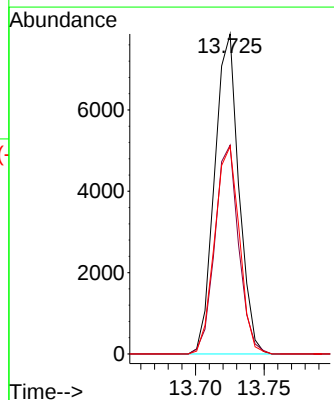
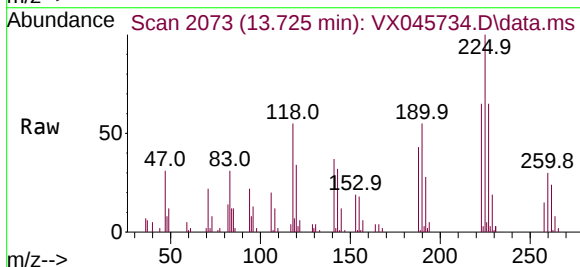
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

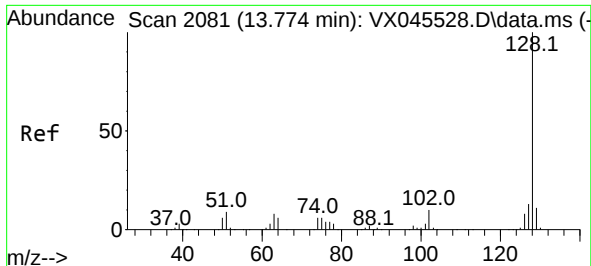
Tgt Ion:180 Resp: 23156  
Ion Ratio Lower Upper  
180 100  
182 90.1 47.9 143.6  
145 34.2 17.9 53.8



#94  
Hexachlorobutadiene  
Concen: 19.053 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Tgt Ion:225 Resp: 9675  
Ion Ratio Lower Upper  
225 100  
223 64.2 31.1 93.3  
227 66.1 32.2 96.6

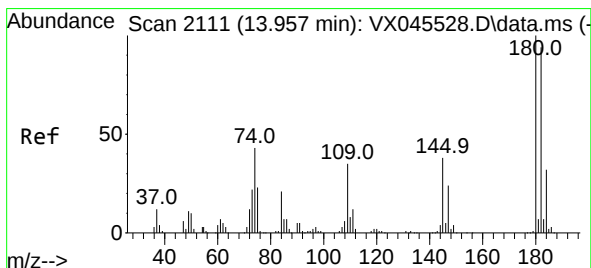
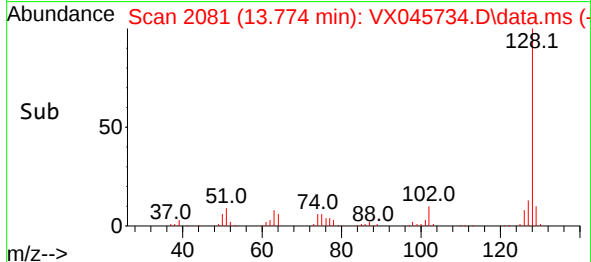
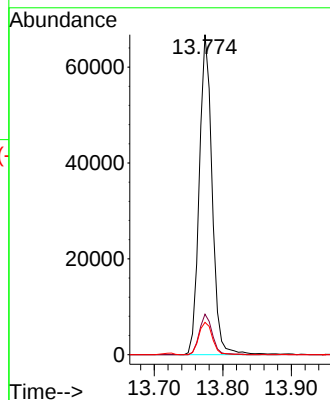
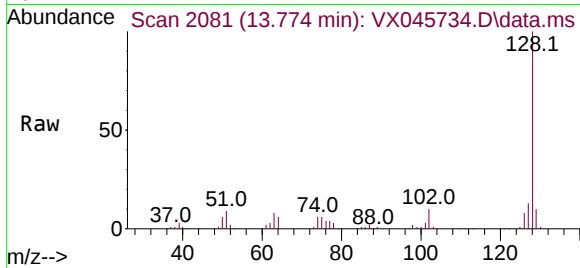




#95  
Naphthalene  
Concen: 19.903 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0411WBSD01

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:128 | Resp: | 87280       |
| Ion         | Ratio | Lower Upper |
| 128         | 100   |             |
| 127         | 12.7  | 10.3 15.5   |
| 129         | 10.7  | 8.6 12.8    |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.280 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: VX045734.D  
Acq: 11 Apr 2025 12:22

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 23791       |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 92.6  | 47.3 141.8  |
| 145         | 36.8  | 18.2 54.6   |

