

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061025\  
 Data File : VX046612.D  
 Acq On : 10 Jun 2025 18:32  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Jun 11 01:54:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 06 16:56:12 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.562  | 168   | 51005    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 87639    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 81251    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 43547    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.970  | 65    | 39334    | 43.347   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 86.700%  |
| 35) Dibromofluoromethane     | 5.397  | 113   | 29367    | 45.566   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 91.140%  |
| 50) Toluene-d8               | 8.653  | 98    | 97276    | 45.781   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 91.560%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 42150    | 47.945   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 95.880%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.185  | 85    | 11628    | 16.421   | ug/l   | 94       |
| 3) Chloromethane             | 1.307  | 50    | 11452    | 17.768   | ug/l   | 94       |
| 4) Vinyl Chloride            | 1.386  | 62    | 11650    | 18.132   | ug/l   | 99       |
| 5) Bromomethane              | 1.630  | 94    | 7710     | 19.766   | ug/l   | 95       |
| 6) Chloroethane              | 1.703  | 64    | 7607     | 18.248   | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 1.904  | 101   | 18955    | 17.831   | ug/l   | 96       |
| 8) Diethyl Ether             | 2.148  | 74    | 6516     | 17.348   | ug/l   | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 2.349  | 101   | 12113    | 18.086   | ug/l   | 96       |
| 10) Methyl Iodide            | 2.471  | 142   | 13545    | 18.656   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.959  | 59    | 7164     | 71.148   | ug/l   | 95       |
| 12) 1,1-Dichloroethene       | 2.337  | 96    | 11102    | 18.334   | ug/l   | 97       |
| 13) Acrolein                 | 2.252  | 56    | 12829    | 122.707  | ug/l   | 100      |
| 14) Allyl chloride           | 2.678  | 41    | 21880    | 18.398   | ug/l   | 94       |
| 15) Acrylonitrile            | 3.075  | 53    | 36637    | 96.234   | ug/l   | 98       |
| 16) Acetone                  | 2.392  | 43    | 30268    | 87.975   | ug/l   | 97       |
| 17) Carbon Disulfide         | 2.532  | 76    | 22869    | 17.917   | ug/l   | 100      |
| 18) Methyl Acetate           | 2.715  | 43    | 20329    | 18.808   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 3.129  | 73    | 38964    | 18.389   | ug/l   | 96       |
| 20) Methylene Chloride       | 2.806  | 84    | 14239    | 19.559   | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 3.111  | 96    | 11818    | 18.441   | ug/l   | 93       |
| 22) Diisopropyl ether        | 3.776  | 45    | 43738    | 18.654   | ug/l # | 67       |
| 23) Vinyl Acetate            | 3.739  | 43    | 163676   | 90.417   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.629  | 63    | 25065    | 19.181   | ug/l   | 97       |
| 25) 2-Butanone               | 4.568  | 43    | 42756    | 84.640   | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.495  | 77    | 15953    | 16.445   | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene   | 4.507  | 96    | 16143    | 20.463   | ug/l   | 96       |
| 28) Bromochloromethane       | 4.916  | 49    | 19251    | 30.887   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 5.019  | 42    | 26184    | 82.077   | ug/l   | 98       |
| 30) Chloroform               | 5.111  | 83    | 28012    | 20.458   | ug/l   | 98       |
| 31) Cyclohexane              | 5.483  | 56    | 18479    | 17.517   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.397  | 97    | 21560    | 18.408   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.708  | 75    | 15928    | 17.302   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.733  | 43    | 16304    | 18.146   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.690  | 117   | 18418    | 17.862   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.385  | 83    | 18788    | 17.290   | ug/l   | 94       |
| 40) Benzene                  | 6.056  | 78    | 49816    | 19.221   | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061025\  
 Data File : VX046612.D  
 Acq On : 10 Jun 2025 18:32  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 11 01:54:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 06 16:56:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.940  | 41   | 9808     | 17.578  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.104  | 62   | 21052    | 19.525  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.354  | 43   | 27254    | 17.399  | ug/l   | 99       |
| 44) Trichloroethene           | 7.141  | 130  | 14103    | 21.417  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 13398    | 20.028  | ug/l   | 93       |
| 46) Dibromomethane            | 7.586  | 93   | 9951     | 19.773  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.830  | 83   | 21024    | 20.318  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.702  | 41   | 14238    | 17.666  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 3617     | 335.604 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 91297    | 91.720  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 31795    | 19.969  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 16749    | 18.053  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 19034    | 18.452  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 12913    | 20.202  | ug/l   | 87       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 17975    | 18.274  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 23066    | 20.420  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 30938    | 57.744  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 63672    | 89.191  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.525  | 129  | 15191    | 20.205  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 12815    | 19.240  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 9294     | 17.106  | ug/l   | 99       |
| 65) Chlorobenzene             | 10.079 | 112  | 36109    | 18.896  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 12576    | 19.475  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 61578    | 18.459  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 45154    | 37.313  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 21609    | 18.461  | ug/l   | 95       |
| 70) Styrene                   | 10.659 | 104  | 39756    | 19.842  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 9240     | 18.767  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 59458    | 17.369  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 23546    | 15.619  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 19757    | 18.031  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 20321    | 22.031  | ug/l   | 88       |
| 77) Bromobenzene              | 11.201 | 156  | 14628    | 18.410  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 71345    | 17.219  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 44857    | 17.953  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 49496    | 17.351  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 4629     | 14.477  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 52626    | 17.770  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 49958    | 17.204  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 49852    | 17.275  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 64821    | 17.372  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 52366    | 16.835  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 27605    | 17.891  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 28522    | 17.840  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.329 | 91   | 51365    | 16.815  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 9201     | 16.642  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 27212    | 18.271  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 3970     | 16.180  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 16900    | 16.634  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 7567     | 16.027  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 54284    | 16.849  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 17022    | 16.709  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061025\  
Data File : VX046612.D  
Acq On : 10 Jun 2025 18:32  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

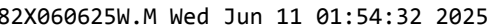
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

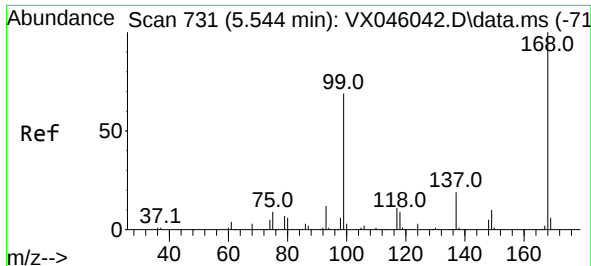
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 06 16:56:12 2025  
Response via : Initial Calibration

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

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

Quant Time: Jun 11 01:54:19 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 06 16:56:12 2025  
Response via : Initial Calibration

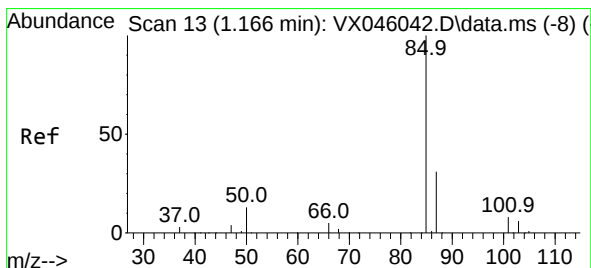
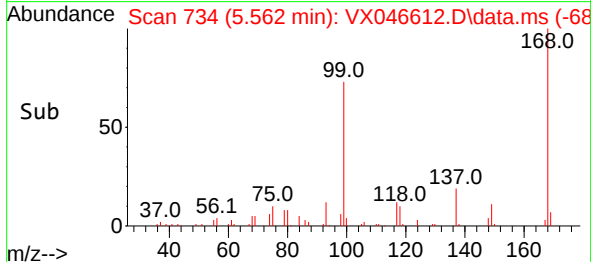
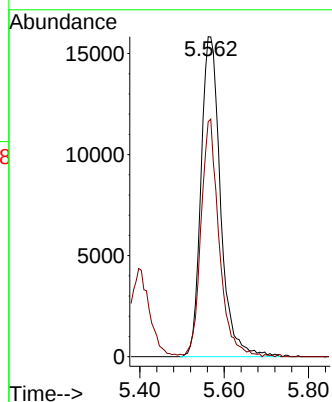
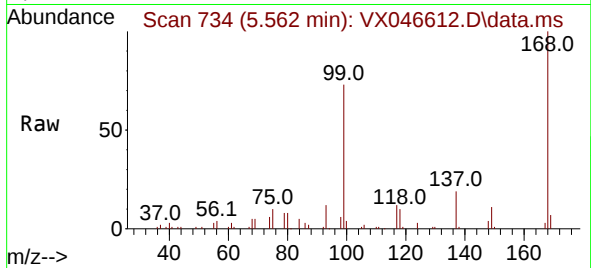




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

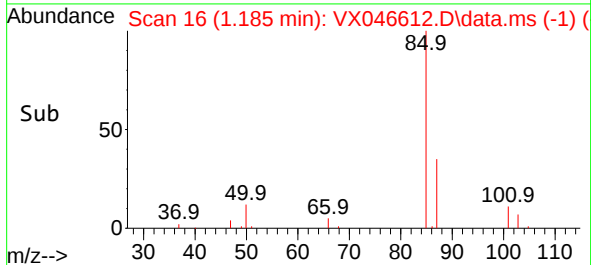
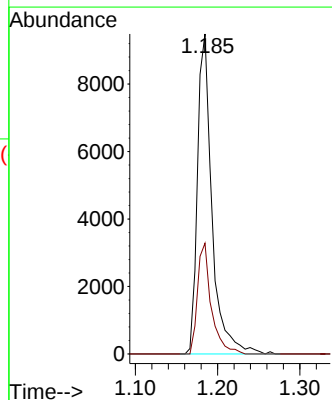
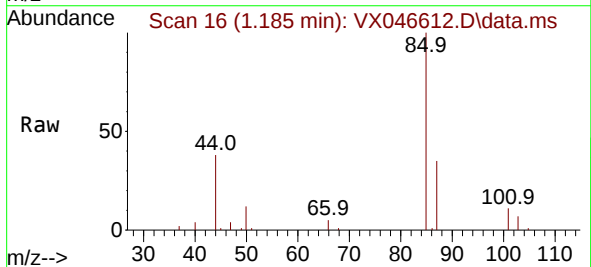
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

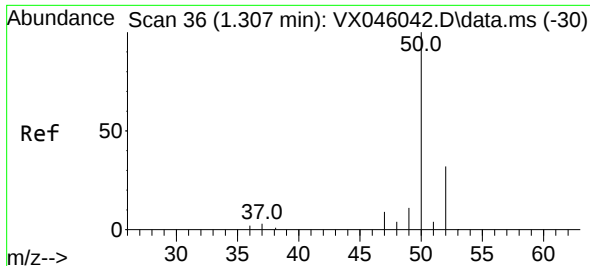
Tgt Ion:168 Resp: 51005  
Ion Ratio Lower Upper  
168 100  
99 72.8 54.9 82.3



#2  
Dichlorodifluoromethane  
Concen: 16.421 ug/l  
RT: 1.185 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 85 Resp: 11628  
Ion Ratio Lower Upper  
85 100  
87 34.6 15.7 47.1

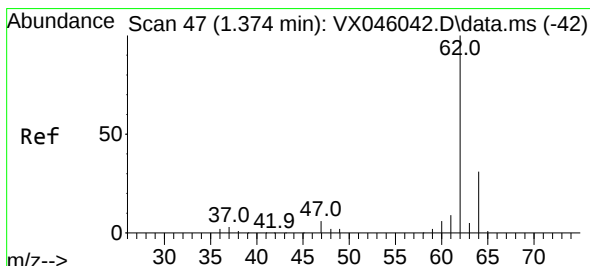
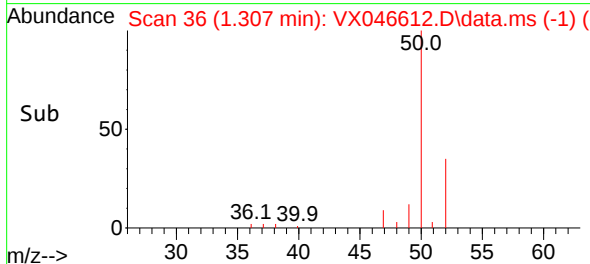
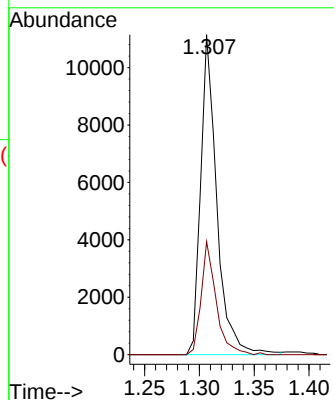
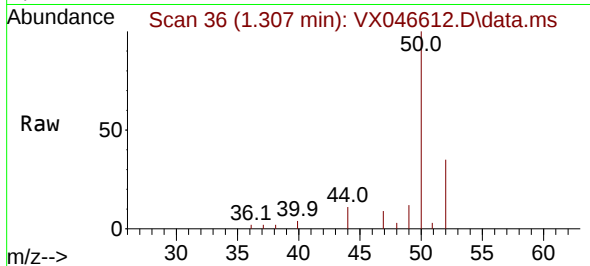




#3  
Chloromethane  
Concen: 17.768 ug/l  
RT: 1.307 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

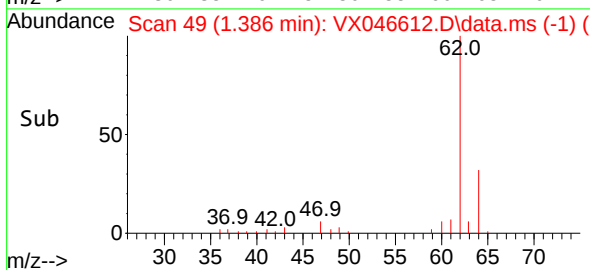
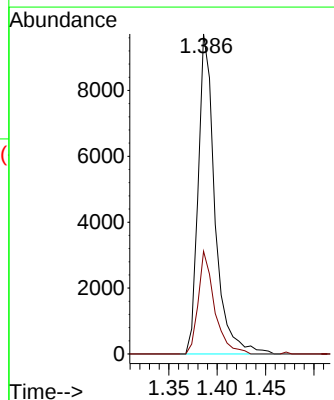
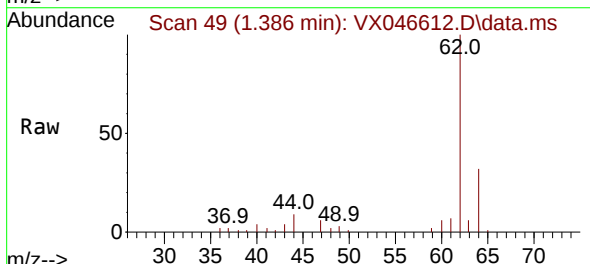
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 50 Resp: 11452  
Ion Ratio Lower Upper  
50 100  
52 35.4 25.4 38.2



#4  
Vinyl Chloride  
Concen: 18.132 ug/l  
RT: 1.386 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 62 Resp: 11650  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.2 37.8

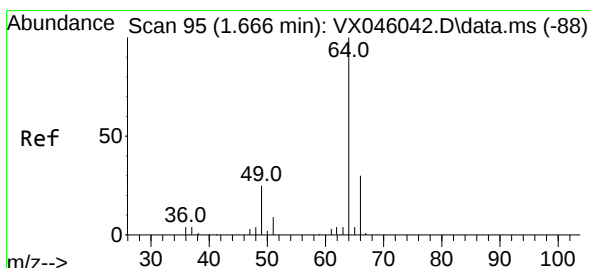
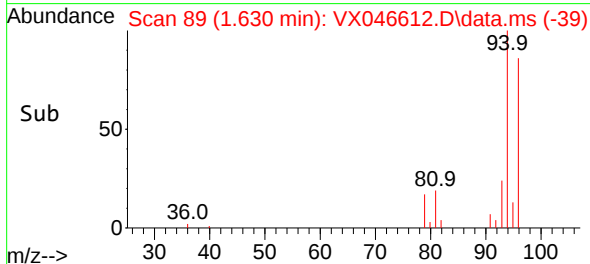
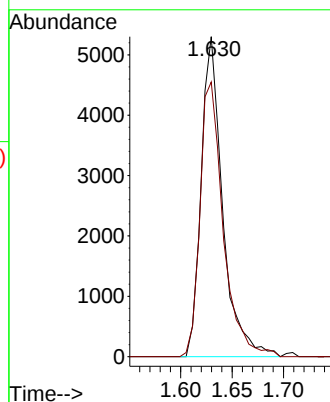
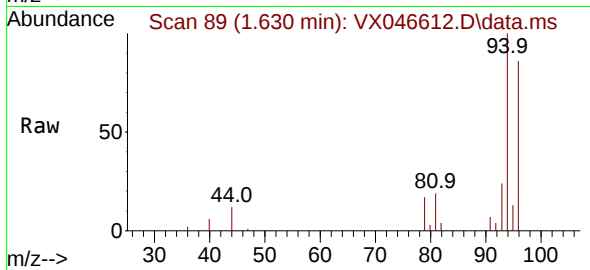




#5  
Bromomethane  
Concen: 19.766 ug/l  
RT: 1.630 min Scan# 89  
Delta R.T. 0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

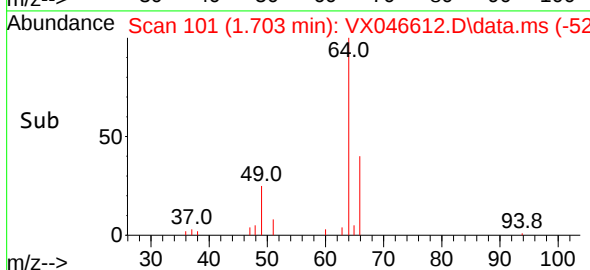
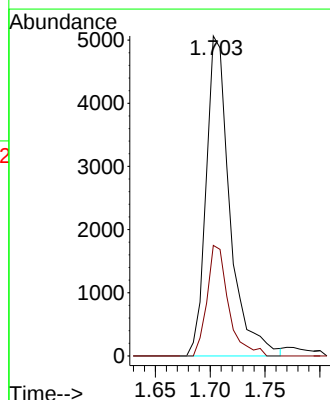
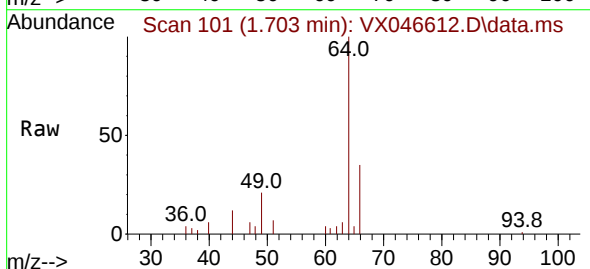
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 7710  
Ion Ratio Lower Upper  
94 100  
96 85.9 72.8 109.2



#6  
Chloroethane  
Concen: 18.248 ug/l  
RT: 1.703 min Scan# 101  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 64 Resp: 7607  
Ion Ratio Lower Upper  
64 100  
66 34.6 24.3 36.5

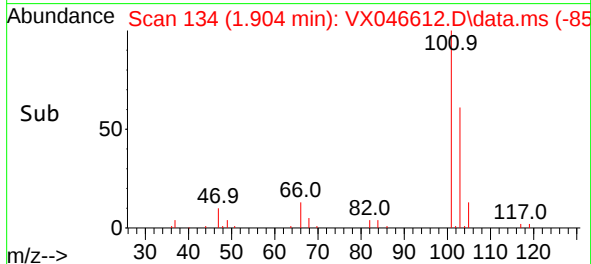
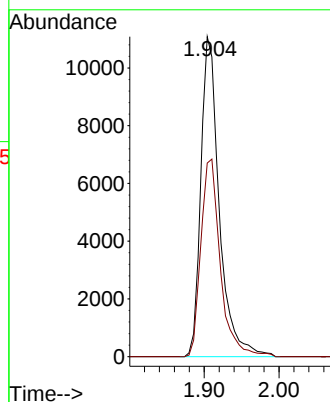
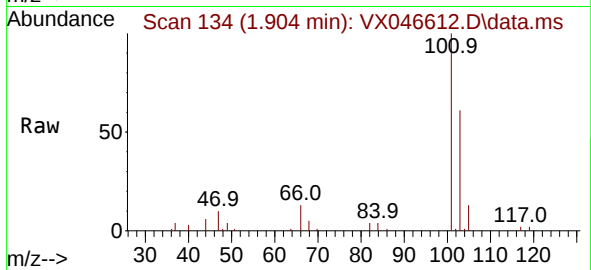




#7  
Trichlorofluoromethane  
Concen: 17.831 ug/l  
RT: 1.904 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

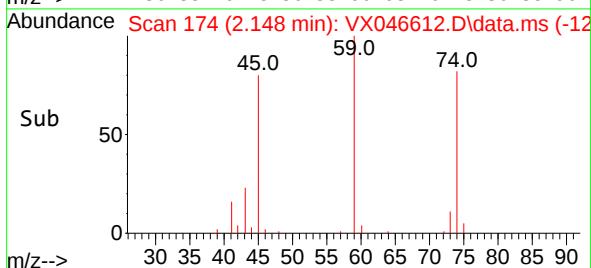
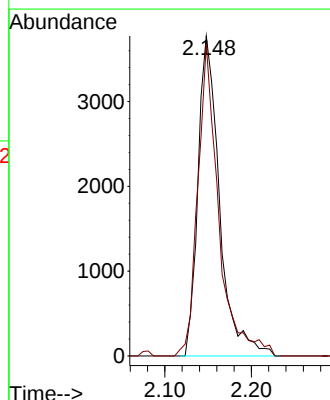
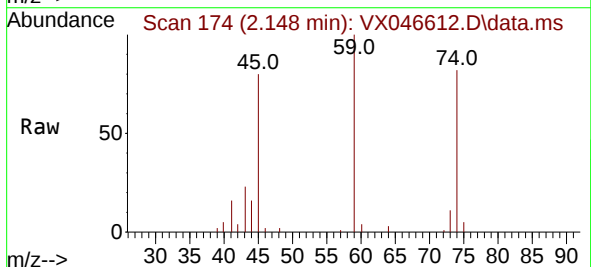
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

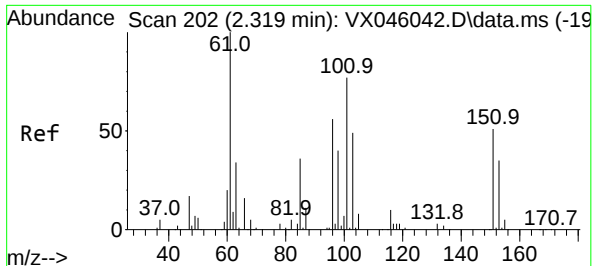
Tgt Ion:101 Resp: 18955  
Ion Ratio Lower Upper  
101 100  
103 60.5 51.0 76.4



#8  
Diethyl Ether  
Concen: 17.348 ug/l  
RT: 2.148 min Scan# 174  
Delta R.T. -0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 74 Resp: 6516  
Ion Ratio Lower Upper  
74 100  
45 94.6 54.9 164.8

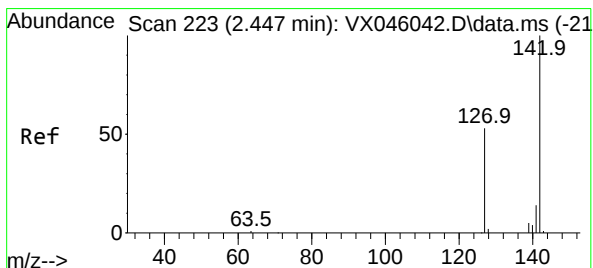
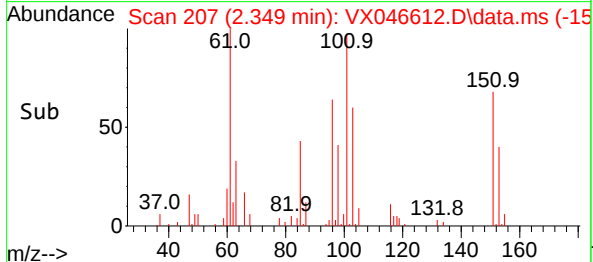
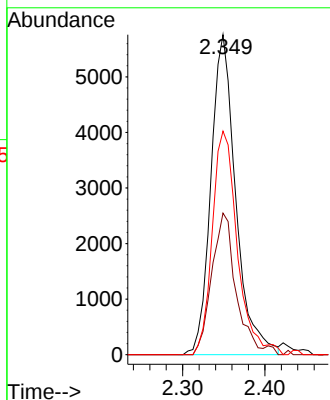
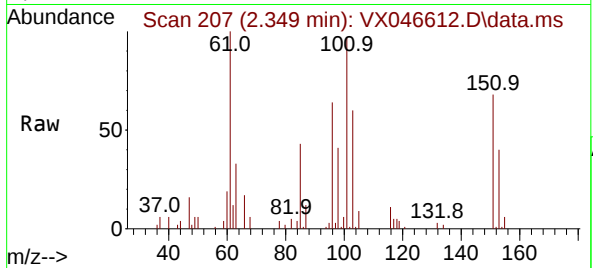




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.086 ug/l  
RT: 2.349 min Scan# 207  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

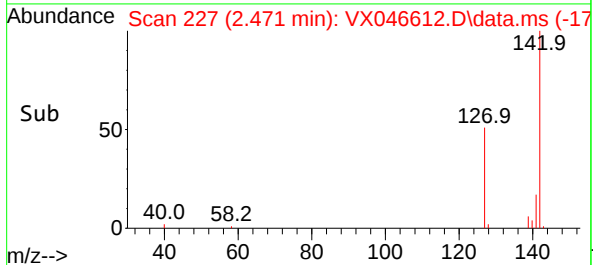
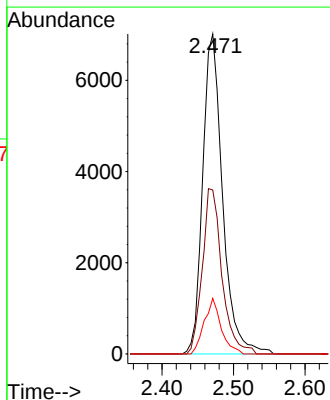
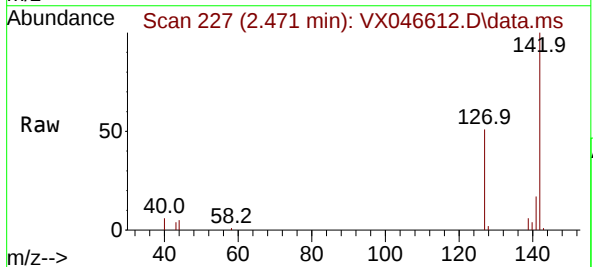
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 12113  
Ion Ratio Lower Upper  
101 100  
85 43.7 38.6 58.0  
151 70.5 55.2 82.8



#10  
Methyl Iodide  
Concen: 18.656 ug/l  
RT: 2.471 min Scan# 227  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion:142 Resp: 13545  
Ion Ratio Lower Upper  
142 100  
127 51.1 41.7 62.5  
141 14.8 11.5 17.3

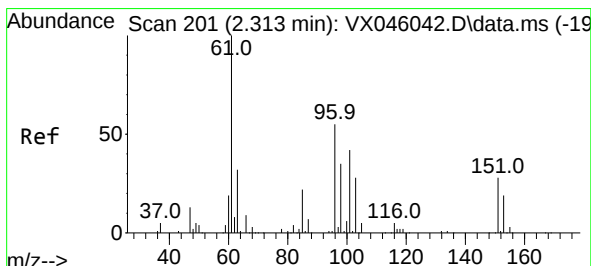
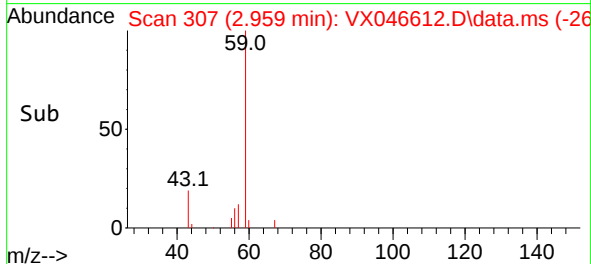
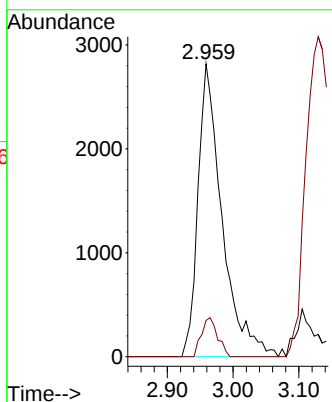
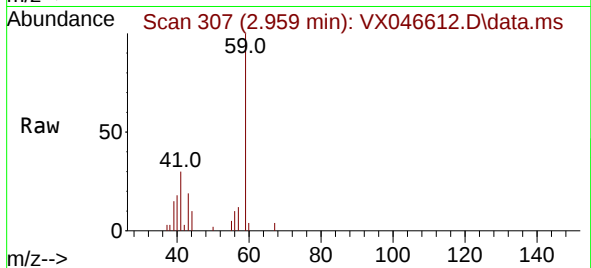




#11  
Tert butyl alcohol  
Concen: 71.148 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. -0.012 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

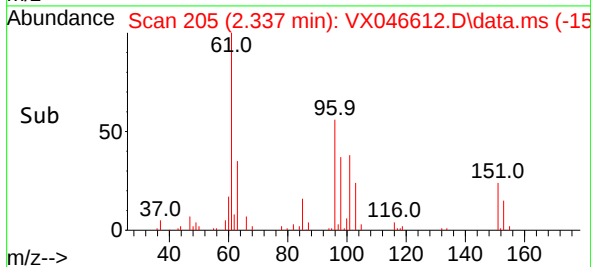
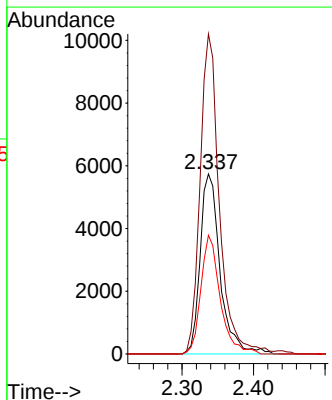
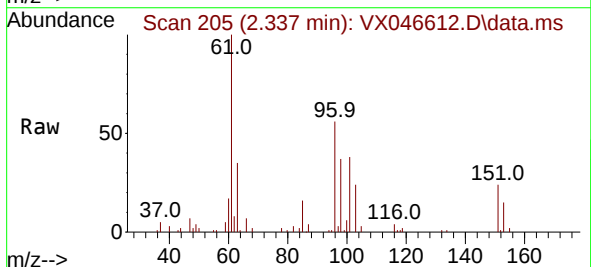
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

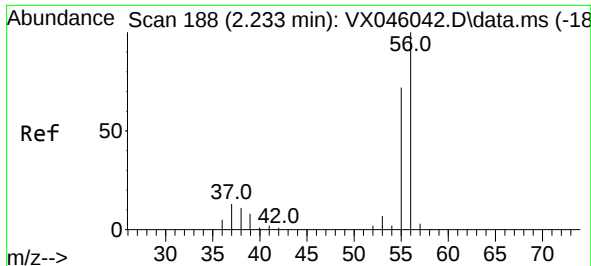
Tgt Ion: 59 Resp: 7164  
Ion Ratio Lower Upper  
59 100  
57 8.9 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 18.334 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 96 Resp: 11102  
Ion Ratio Lower Upper  
96 100  
61 177.7 146.2 219.2  
98 66.0 51.0 76.6





#13

Acrolein

Concen: 122.707 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.001 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

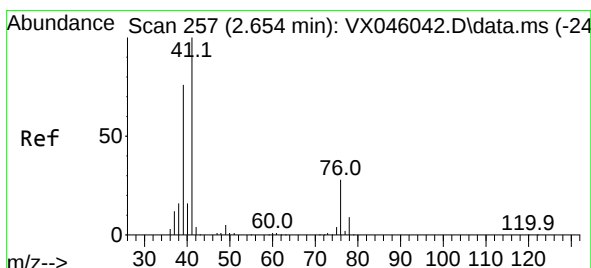
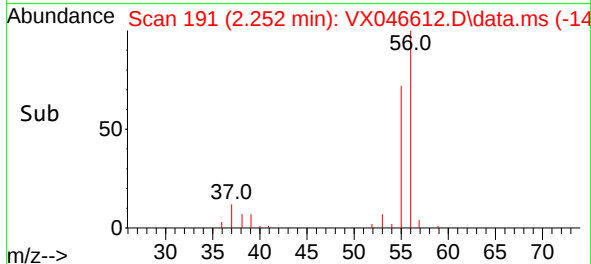
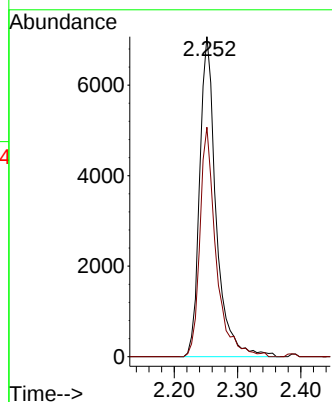
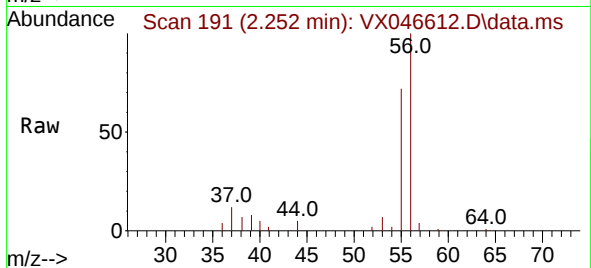
VSTDCCC050EC

Tgt Ion: 56 Resp: 12829

Ion Ratio Lower Upper

56 100

55 70.4 56.2 84.4



#14

Allyl chloride

Concen: 18.398 ug/l

RT: 2.678 min Scan# 261

Delta R.T. -0.006 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

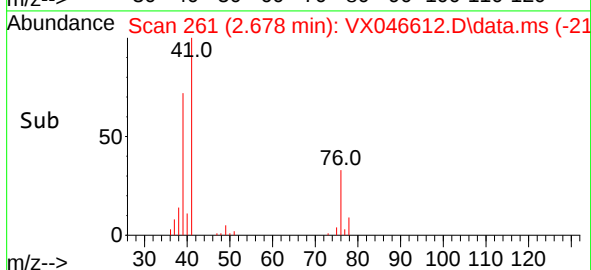
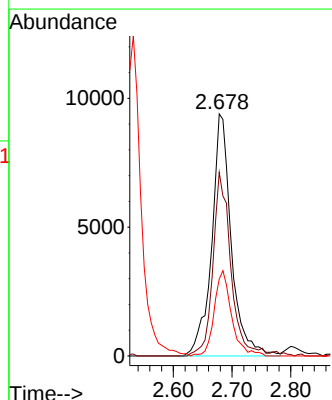
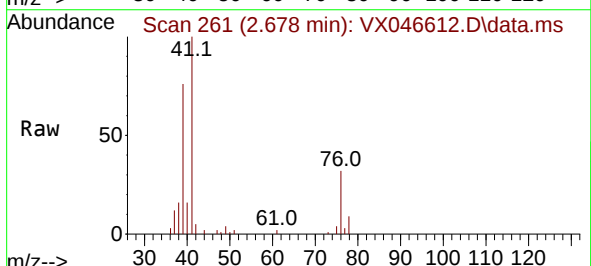
Tgt Ion: 41 Resp: 21880

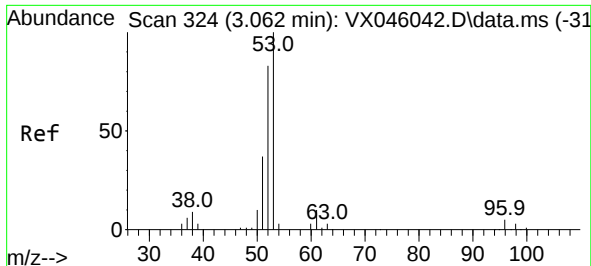
Ion Ratio Lower Upper

41 100

39 68.9 60.6 90.8

76 31.0 24.9 37.3





#15

Acrylonitrile

Concen: 96.234 ug/l

RT: 3.075 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

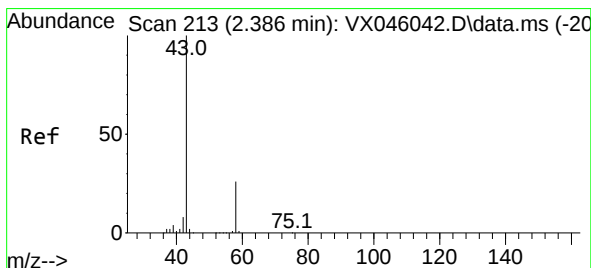
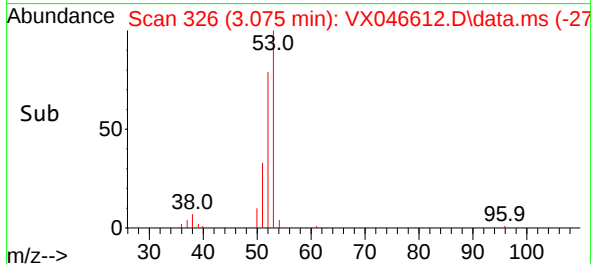
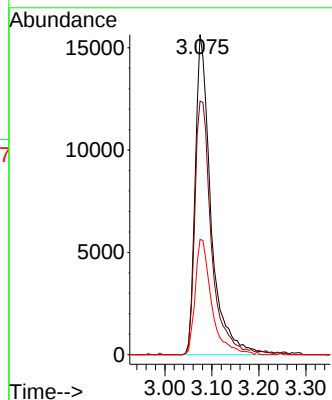
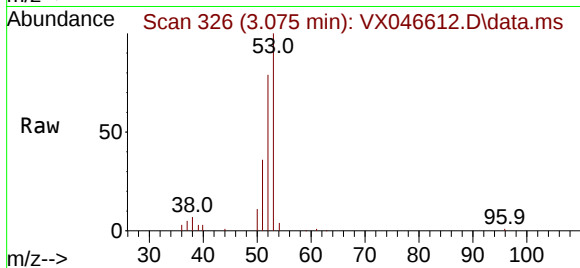
Tgt Ion: 53 Resp: 36637

Ion Ratio Lower Upper

53 100

52 84.2 65.3 97.9

51 37.5 29.8 44.8



#16

Acetone

Concen: 87.975 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX046612.D

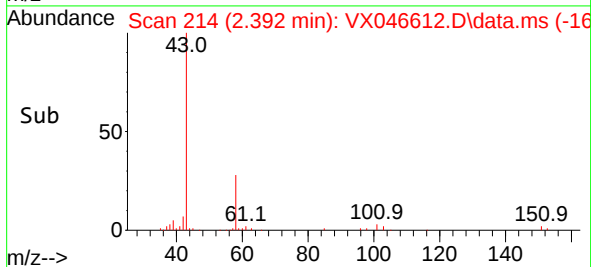
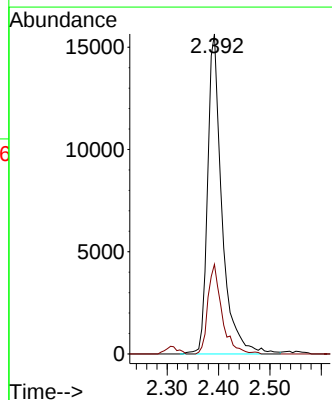
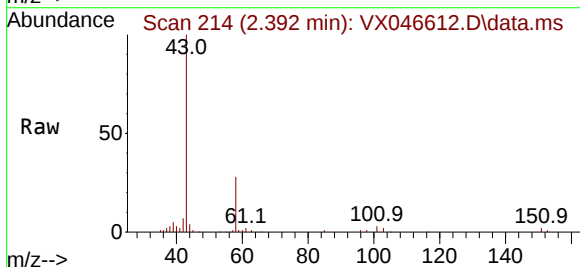
Acq: 10 Jun 2025 18:32

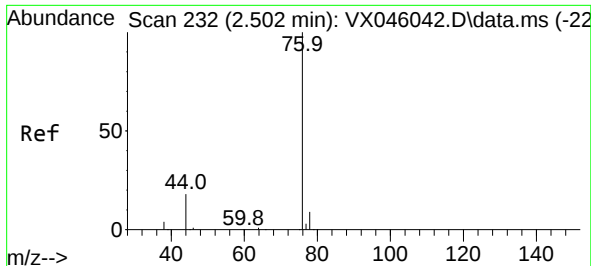
Tgt Ion: 43 Resp: 30268

Ion Ratio Lower Upper

43 100

58 28.0 21.2 31.8





#17

Carbon Disulfide

Concen: 17.917 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

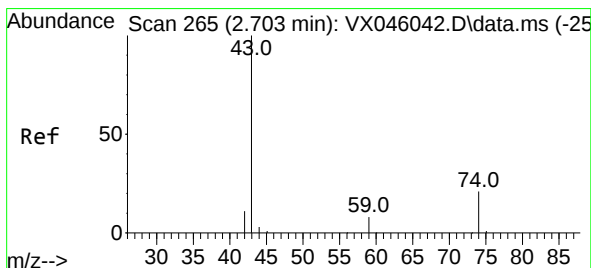
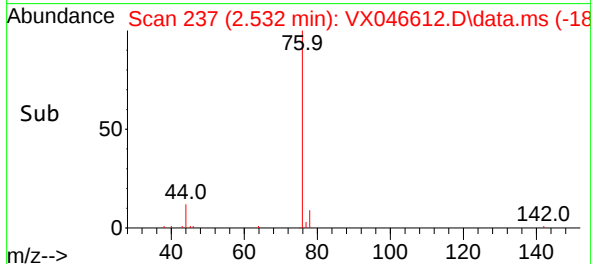
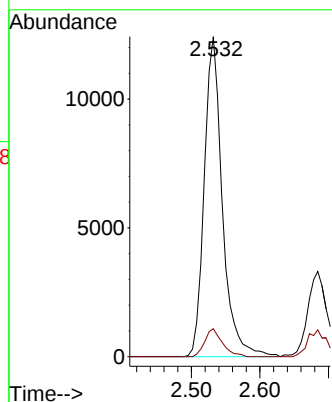
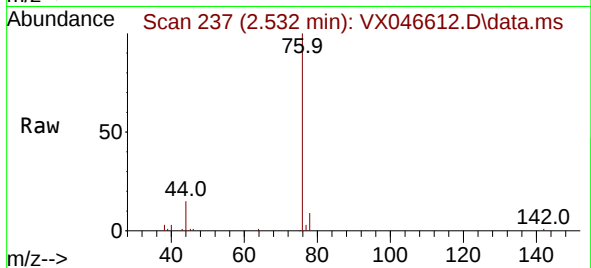
VSTDCCC050EC

Tgt Ion: 76 Resp: 22869

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



#18

Methyl Acetate

Concen: 18.808 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.006 min

Lab File: VX046612.D

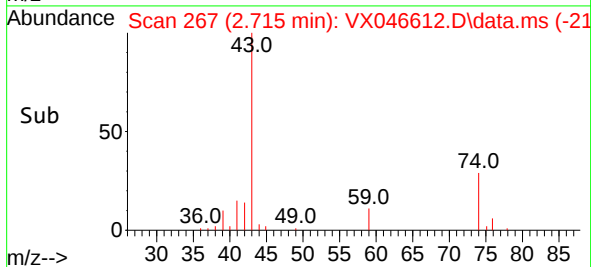
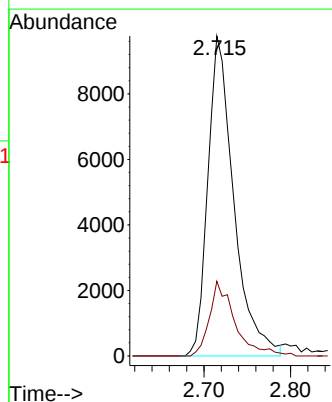
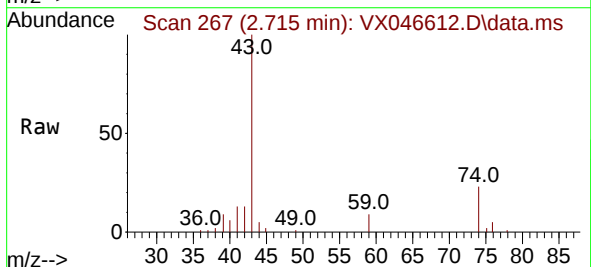
Acq: 10 Jun 2025 18:32

Tgt Ion: 43 Resp: 20329

Ion Ratio Lower Upper

43 100

74 23.0 16.7 25.1

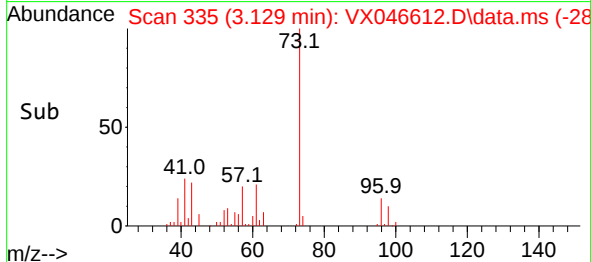
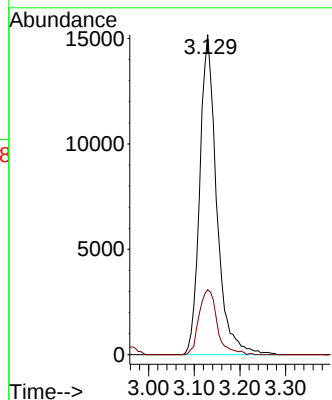
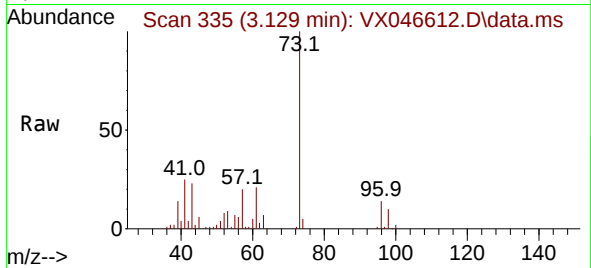




#19  
Methyl tert-butyl Ether  
Concen: 18.389 ug/l  
RT: 3.129 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

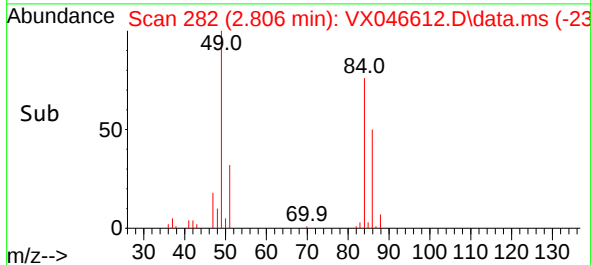
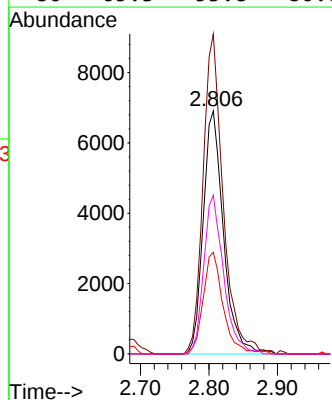
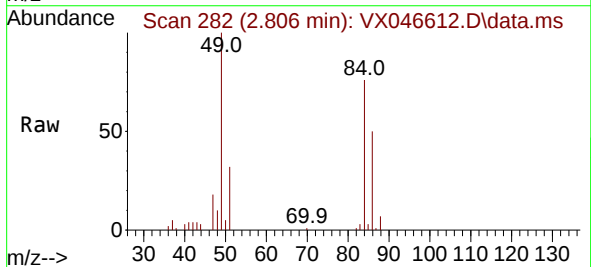
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

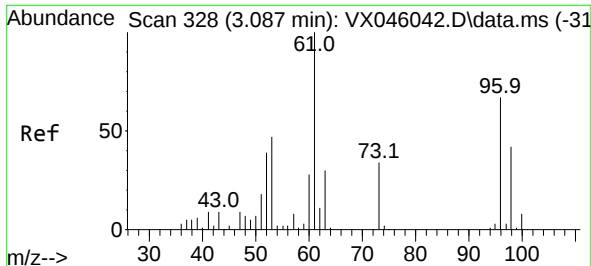
Tgt Ion: 73 Resp: 38964  
Ion Ratio Lower Upper  
73 100  
57 20.3 17.7 26.5



#20  
Methylene Chloride  
Concen: 19.559 ug/l  
RT: 2.806 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 84 Resp: 14239  
Ion Ratio Lower Upper  
84 100  
49 131.7 113.9 170.9  
51 41.8 33.5 50.3  
86 65.3 53.8 80.8

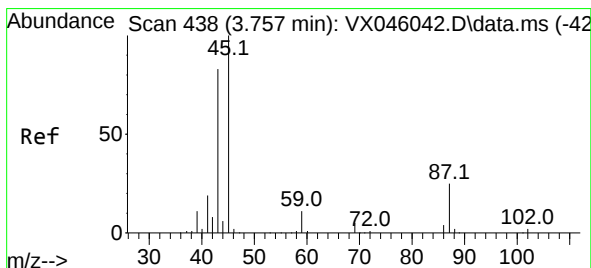
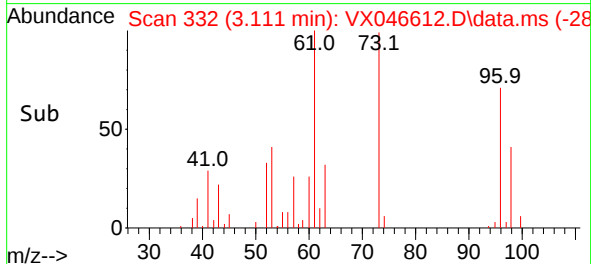
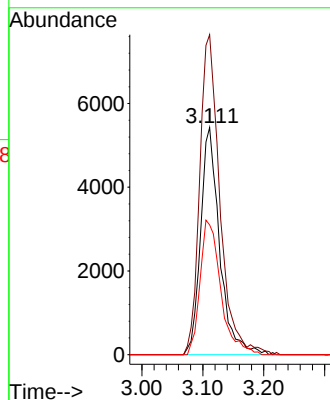
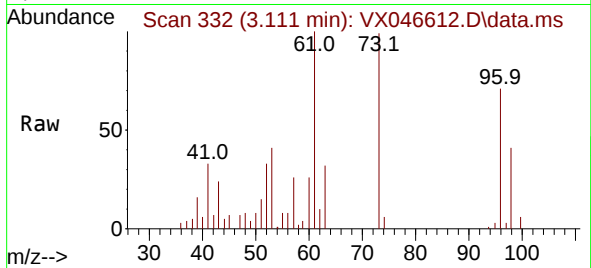




#21  
trans-1,2-Dichloroethene  
Concen: 18.441 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

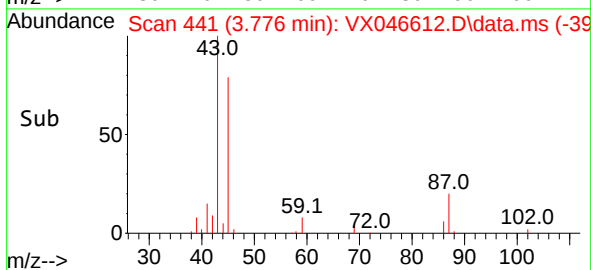
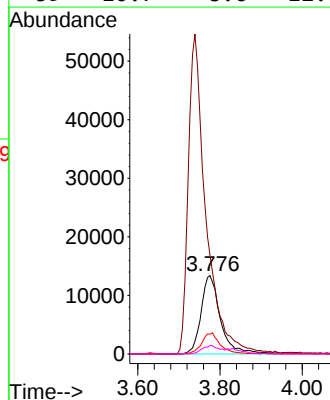
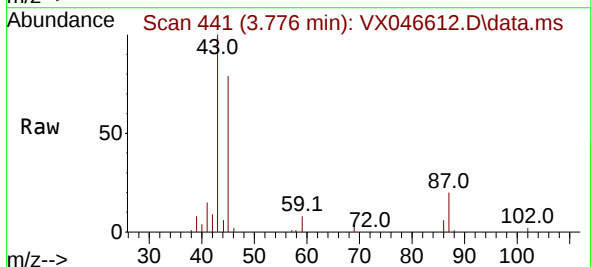
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 11818  
Ion Ratio Lower Upper  
96 100  
61 140.8 119.5 179.3  
98 57.1 50.0 75.0



#22  
Diisopropyl ether  
Concen: 18.654 ug/l  
RT: 3.776 min Scan# 441  
Delta R.T. -0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 45 Resp: 43738  
Ion Ratio Lower Upper  
45 100  
43 125.1 66.6 100.0#  
87 25.2 19.8 29.6  
59 10.7 8.6 12.8

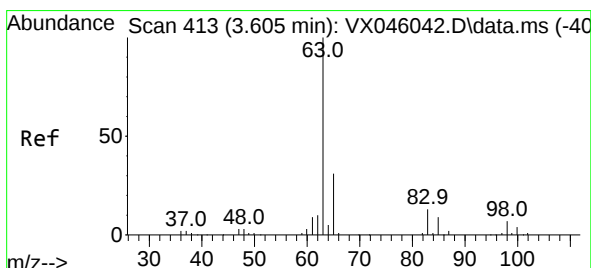
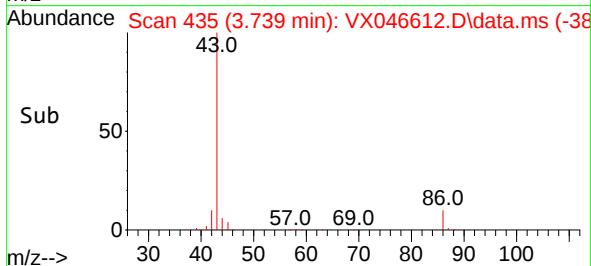
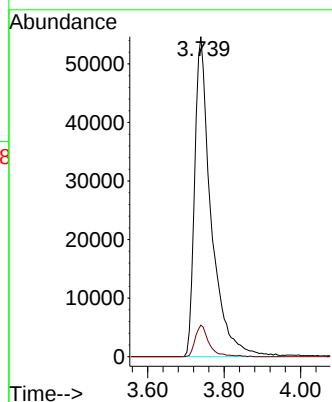
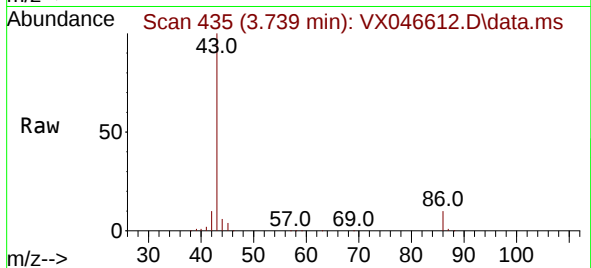




#23  
 Vinyl Acetate  
 Concen: 90.417 ug/l  
 RT: 3.739 min Scan# 417  
 Delta R.T. 0.000 min  
 Lab File: VX046612.D  
 Acq: 10 Jun 2025 18:32

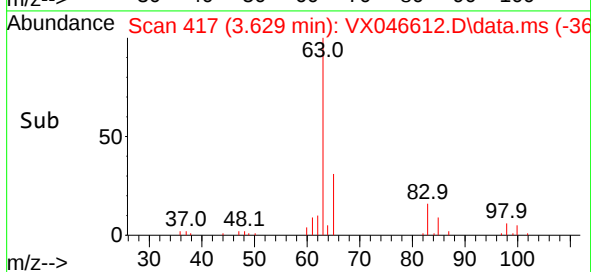
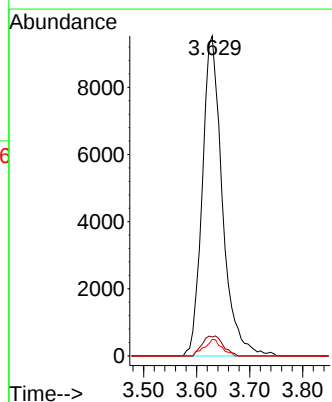
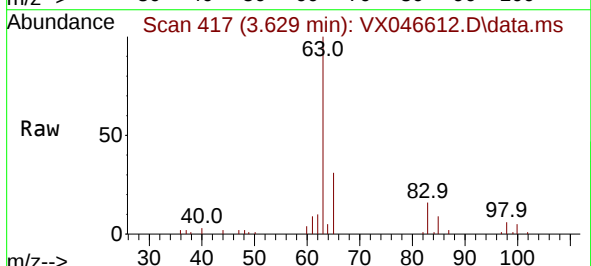
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

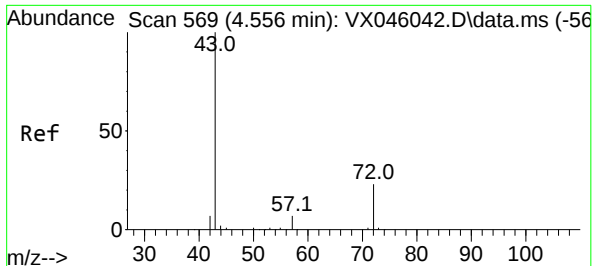
Tgt Ion: 43 Resp: 163676  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 19.181 ug/l  
 RT: 3.629 min Scan# 417  
 Delta R.T. 0.000 min  
 Lab File: VX046612.D  
 Acq: 10 Jun 2025 18:32

Tgt Ion: 63 Resp: 25065  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.6 10.8  
 100 5.1 2.1 6.3





#25

2-Butanone

Concen: 84.640 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

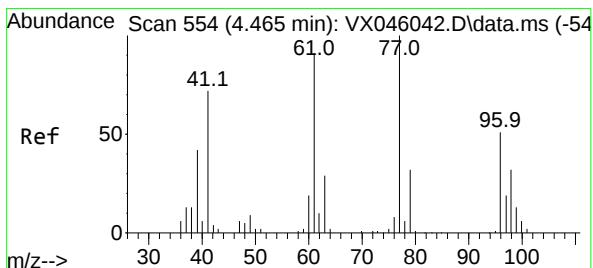
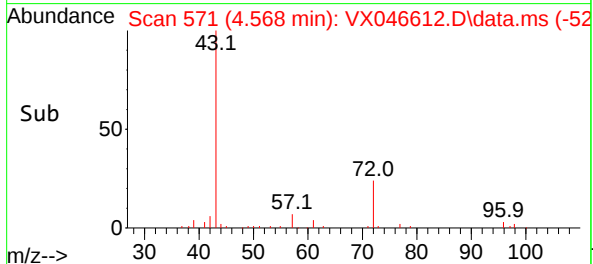
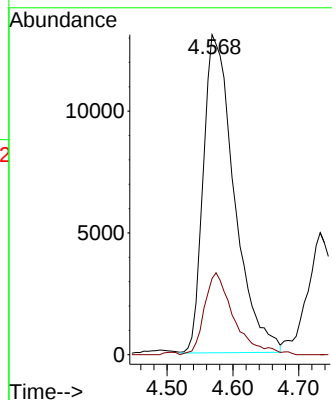
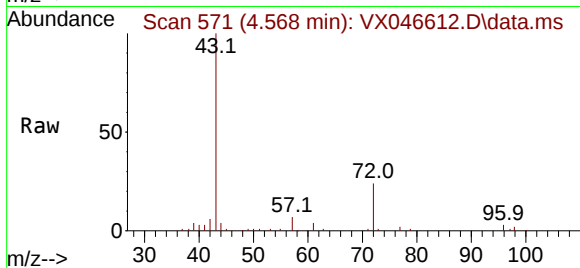
VSTDCCC050EC

Tgt Ion: 43 Resp: 42756

Ion Ratio Lower Upper

43 100

72 24.0 18.4 27.6



#26

2,2-Dichloropropane

Concen: 16.445 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX046612.D

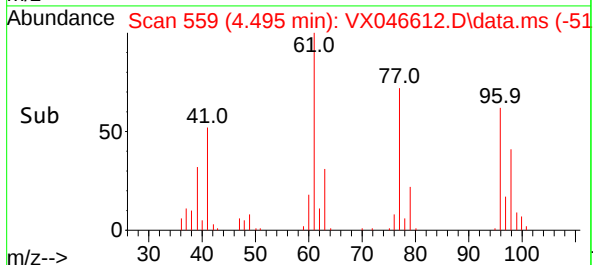
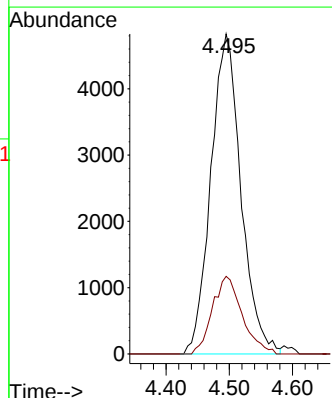
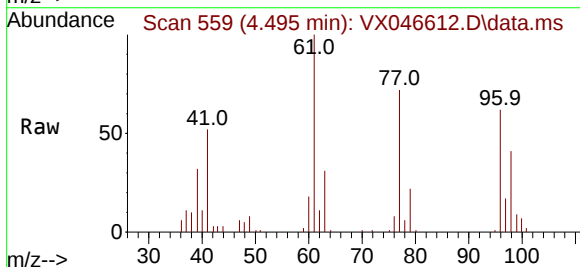
Acq: 10 Jun 2025 18:32

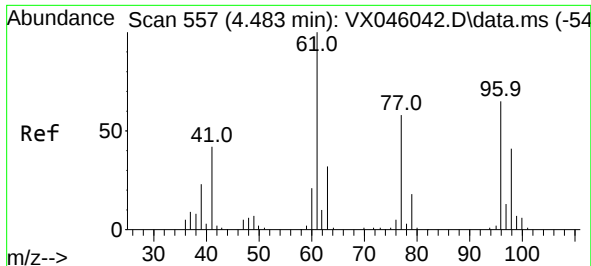
Tgt Ion: 77 Resp: 15953

Ion Ratio Lower Upper

77 100

97 24.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 20.463 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

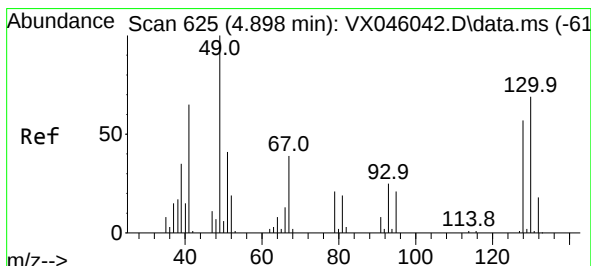
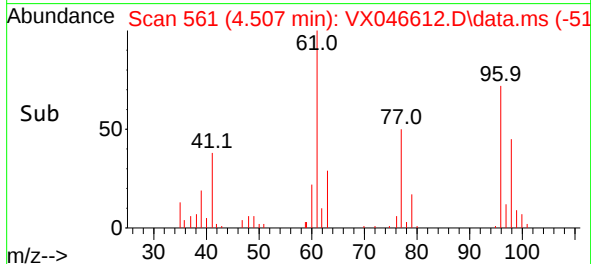
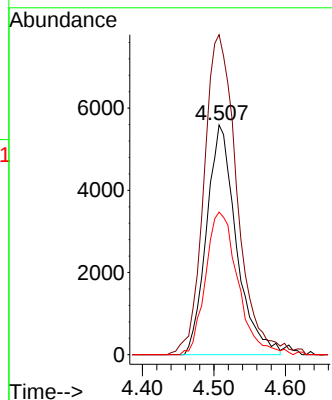
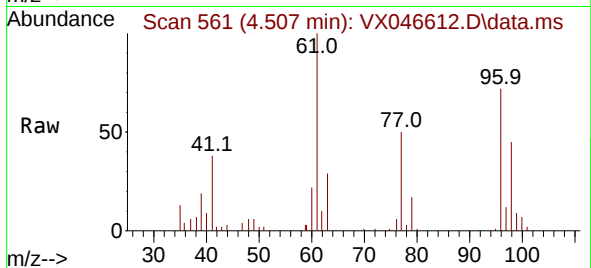
Tgt Ion: 96 Resp: 16143

Ion Ratio Lower Upper

96 100

61 155.6 0.0 322.8

98 67.5 0.0 129.0



#28

Bromochloromethane

Concen: 30.887 ug/l

RT: 4.916 min Scan# 628

Delta R.T. -0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

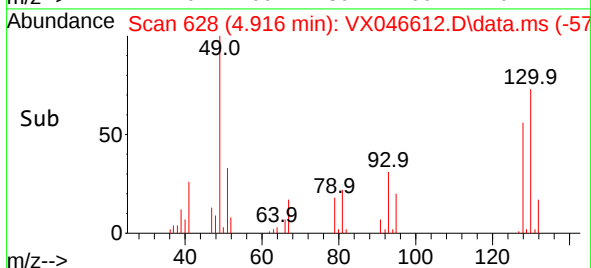
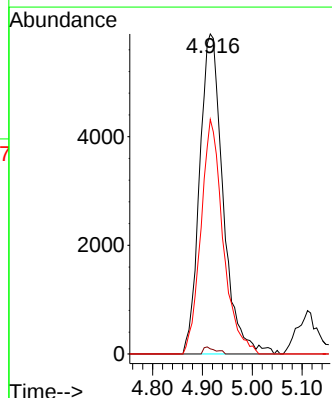
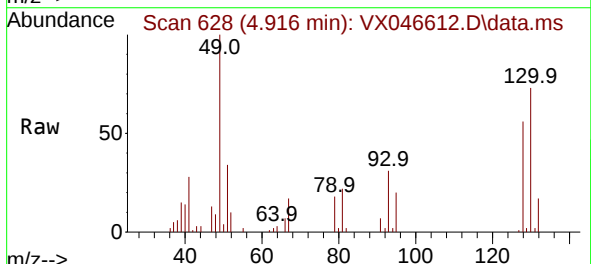
Tgt Ion: 49 Resp: 19251

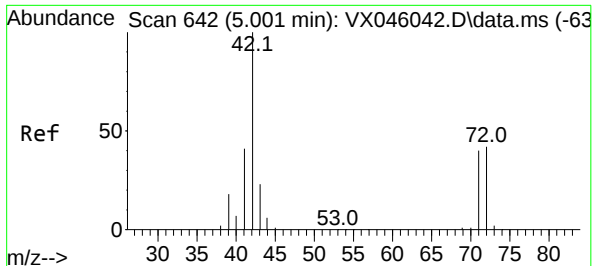
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 69.3 56.2 84.2





#29

Tetrahydrofuran

Concen: 82.077 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

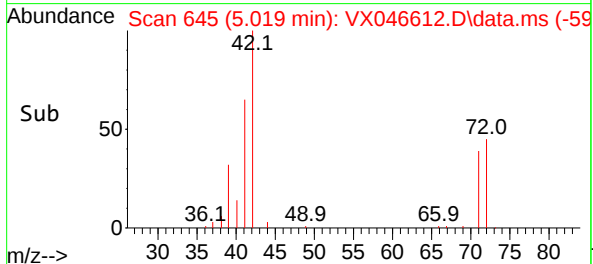
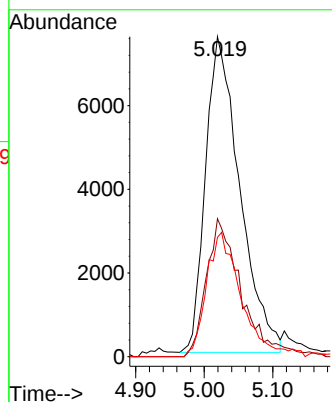
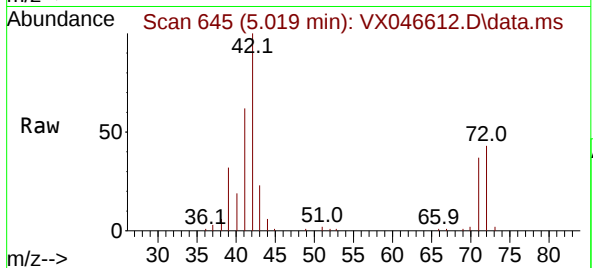
Tgt Ion: 42 Resp: 26184

Ion Ratio Lower Upper

42 100

72 44.8 33.7 50.5

71 39.3 31.4 47.2



#30

Chloroform

Concen: 20.458 ug/l

RT: 5.111 min Scan# 660

Delta R.T. -0.000 min

Lab File: VX046612.D

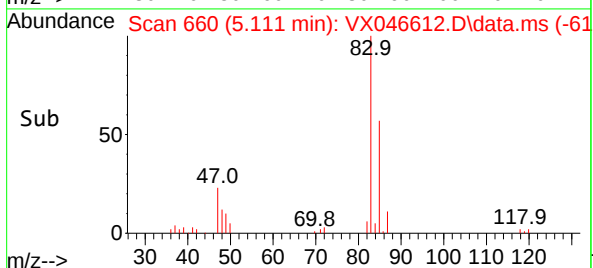
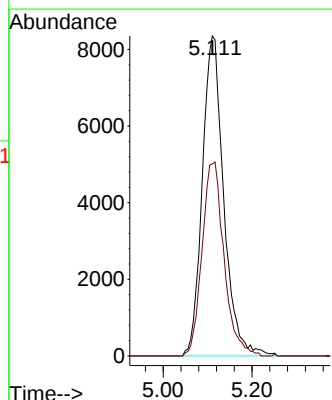
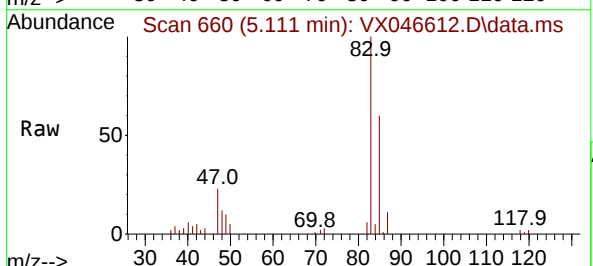
Acq: 10 Jun 2025 18:32

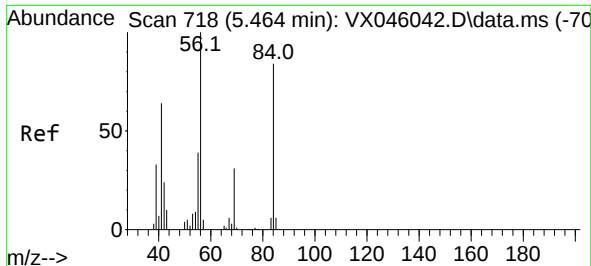
Tgt Ion: 83 Resp: 28012

Ion Ratio Lower Upper

83 100

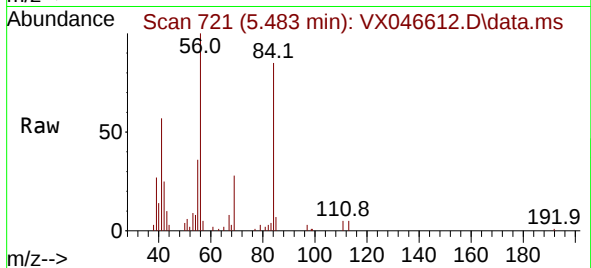
85 60.0 49.3 73.9



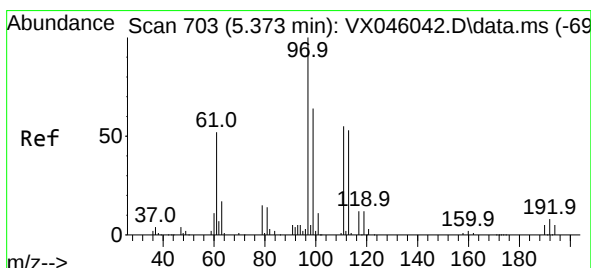
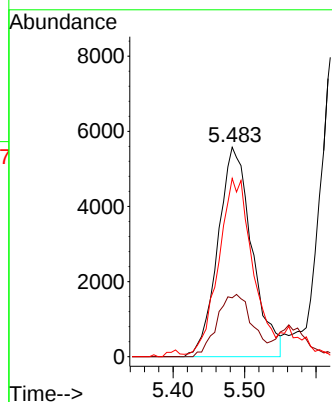
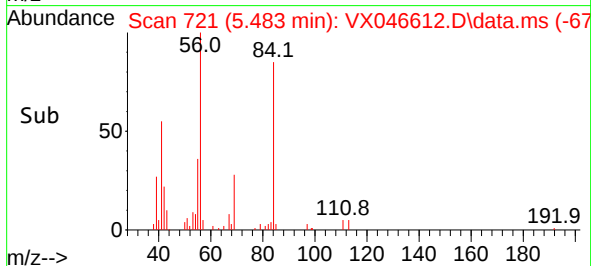


#31  
Cyclohexane  
Concen: 17.517 ug/l  
RT: 5.483 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

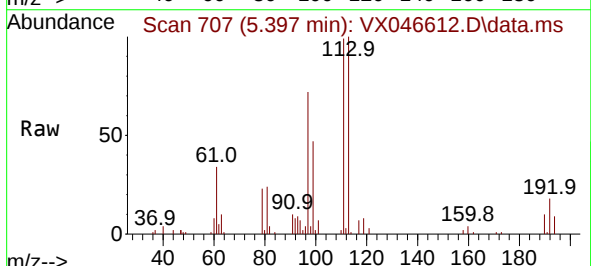
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



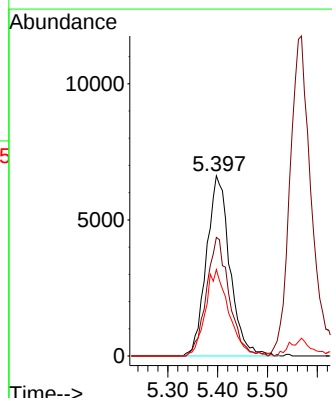
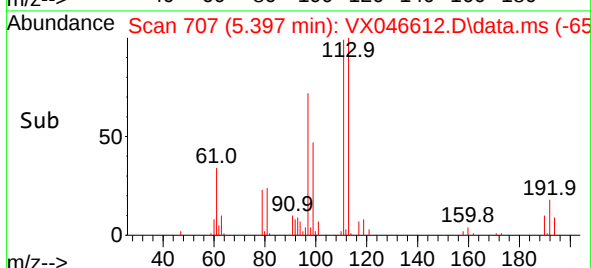
Tgt Ion: 56 Resp: 18479  
Ion Ratio Lower Upper  
56 100  
69 28.1 24.4 36.6  
84 83.8 66.9 100.3

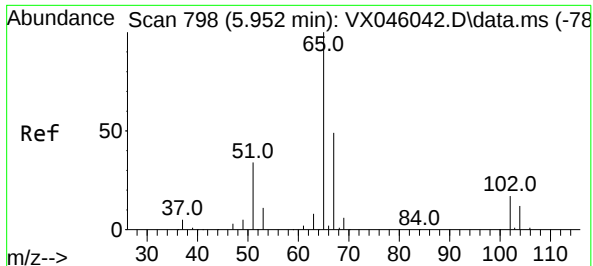


#32  
1,1,1-Trichloroethane  
Concen: 18.408 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32



Tgt Ion: 97 Resp: 21560  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.8 77.6  
61 48.2 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 43.347 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

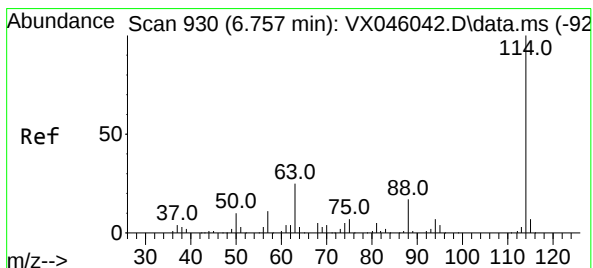
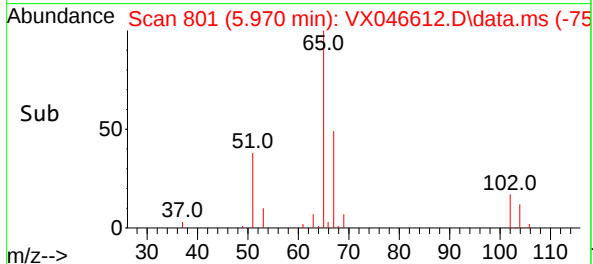
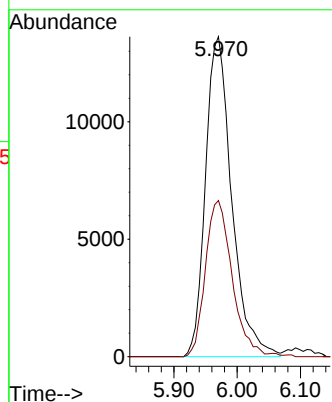
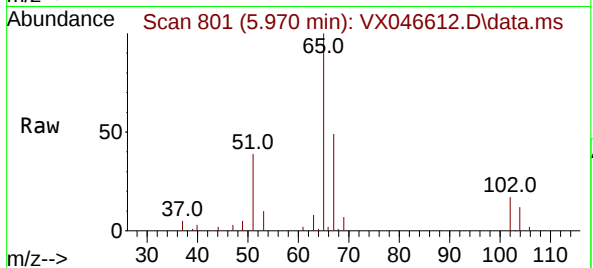
VSTDCCC050EC

Tgt Ion: 65 Resp: 39334

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

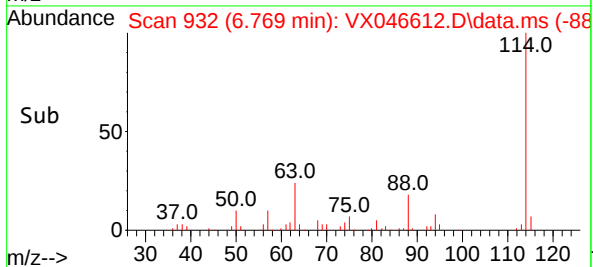
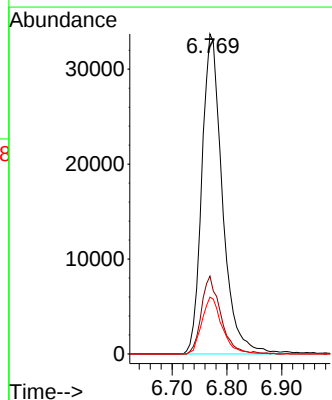
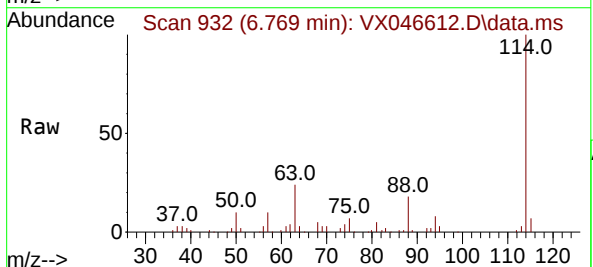
Tgt Ion: 114 Resp: 87639

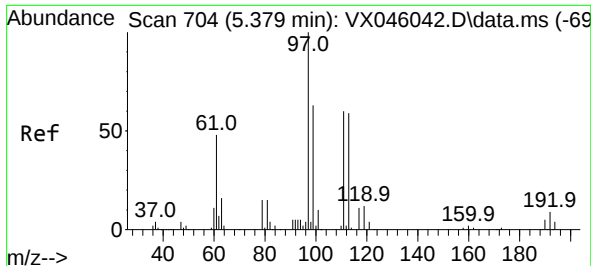
Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

88 17.8 0.0 33.6

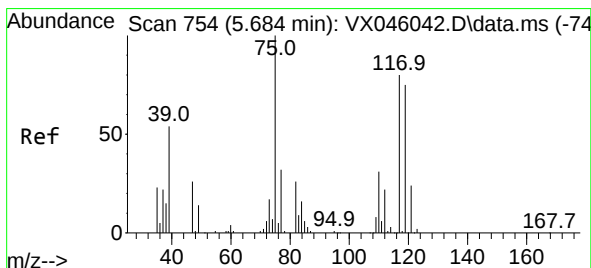
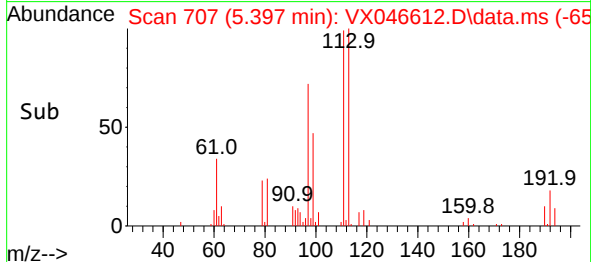
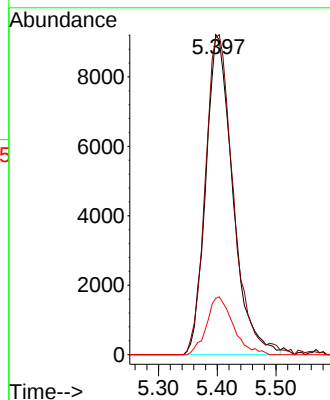
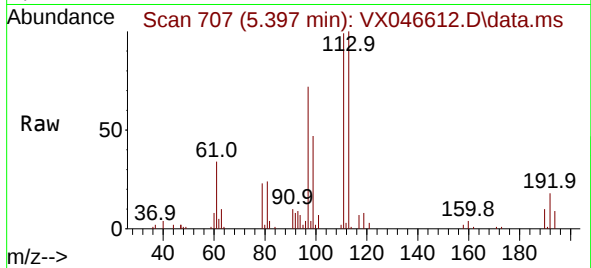




#35  
Dibromofluoromethane  
Concen: 45.566 ug/l  
RT: 5.397 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

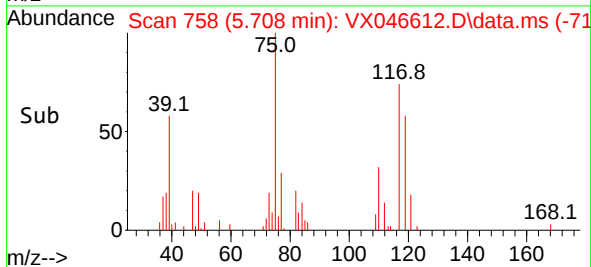
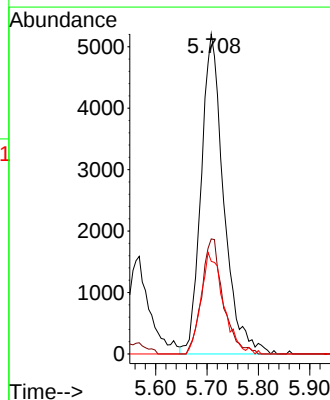
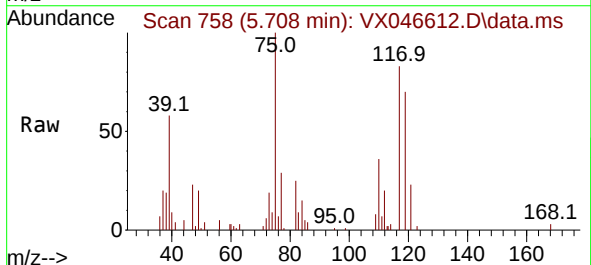
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

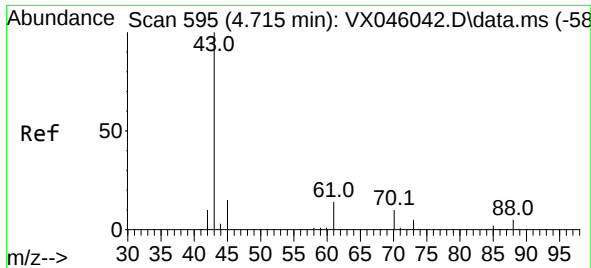
Tgt Ion:113 Resp: 29367  
Ion Ratio Lower Upper  
113 100  
111 103.7 83.1 124.7  
192 17.8 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 17.302 ug/l  
RT: 5.708 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 75 Resp: 15928  
Ion Ratio Lower Upper  
75 100  
110 34.0 16.3 48.9  
77 31.5 24.3 36.5

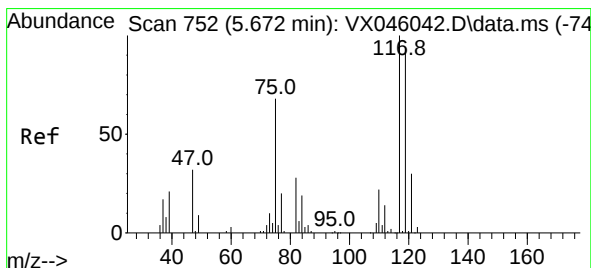
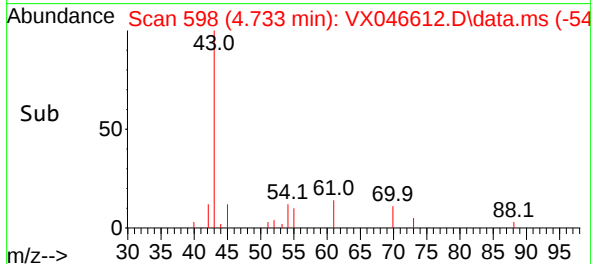
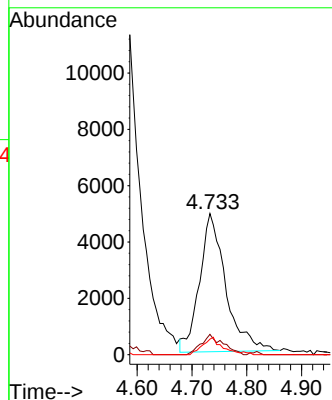
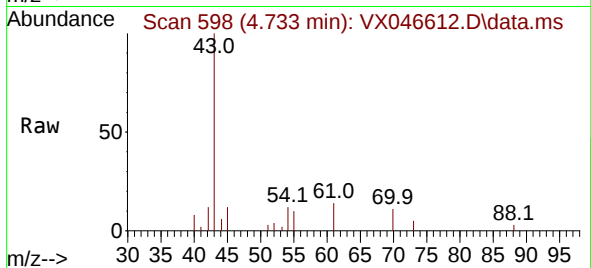




#37  
Ethyl Acetate  
Concen: 18.146 ug/l  
RT: 4.733 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

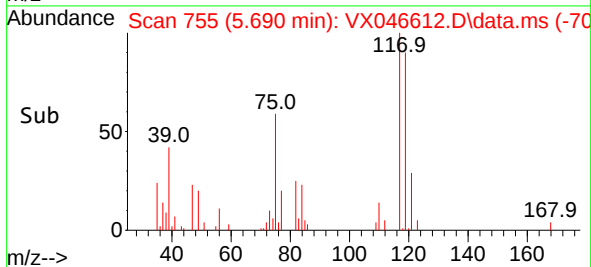
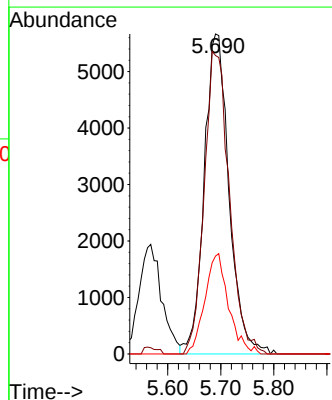
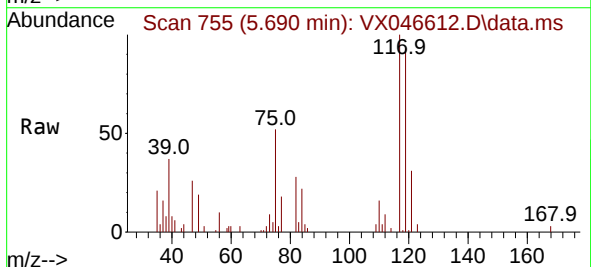
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

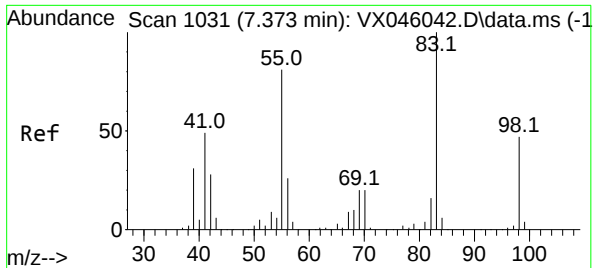
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 16304    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 12.2 10.3 15.5 |
| 70          | 9.1 7.9 11.9   |



#38  
Carbon Tetrachloride  
Concen: 17.862 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 18418     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 93.3 75.2 112.8 |
| 121          | 30.6 24.2 36.4  |

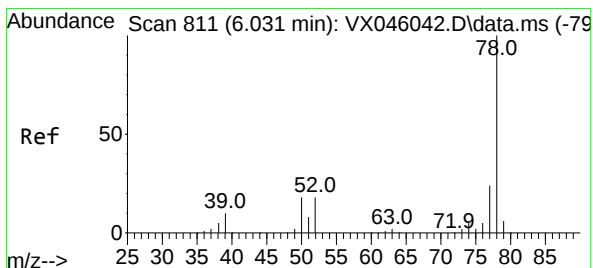
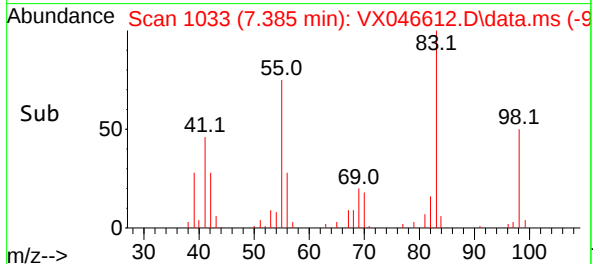
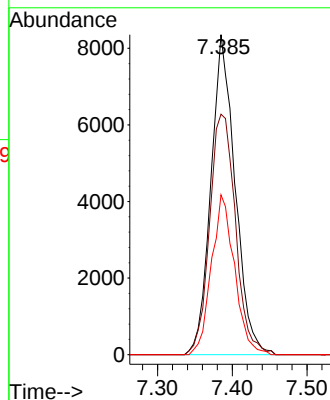
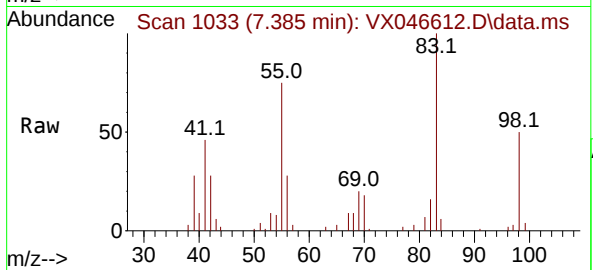




#39  
Methylcyclohexane  
Concen: 17.290 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

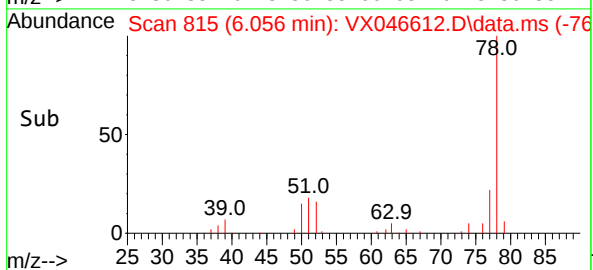
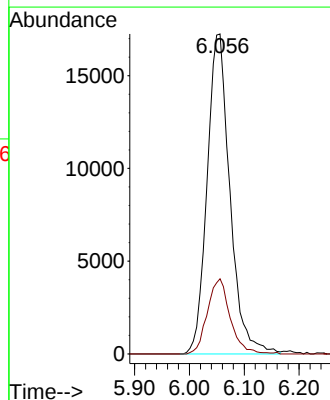
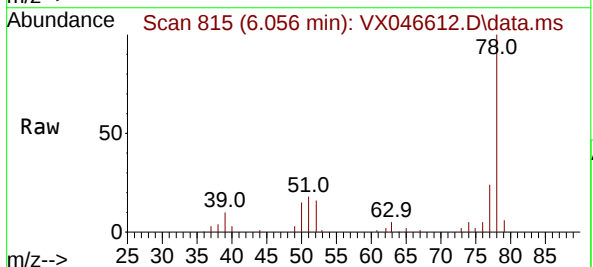
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

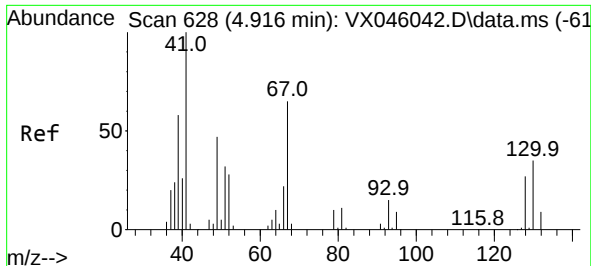
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 18788 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 75.2     | 64.7 97.1   |
| 98 50.0     | 37.4 56.2   |



#40  
Benzene  
Concen: 19.221 ug/l  
RT: 6.056 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion: 78 | Resp: 49816 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 78 100      |             |       |  |
| 77 23.5     | 19.0        | 28.4  |  |

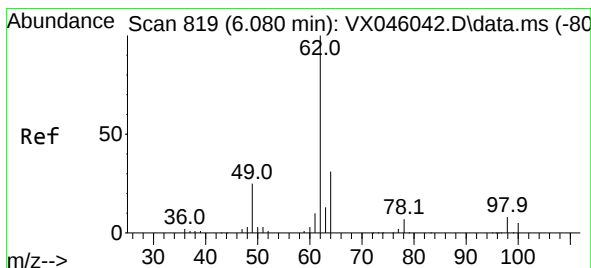
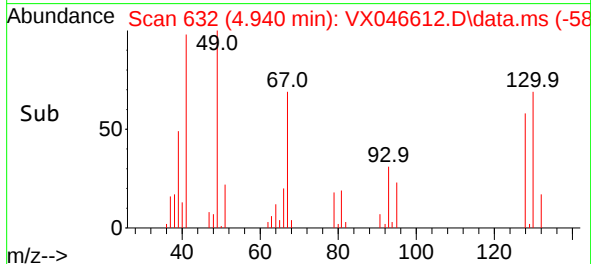
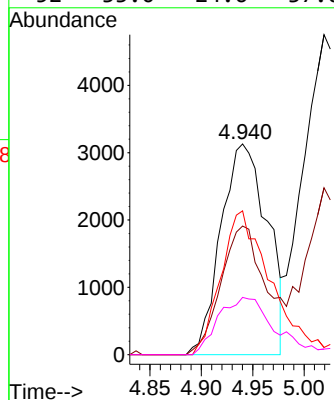
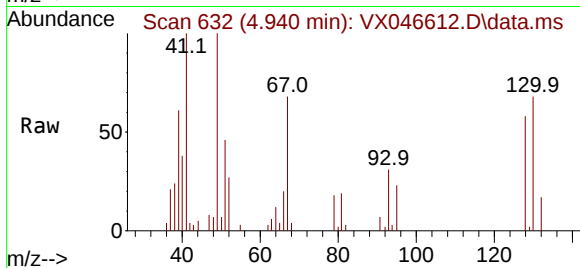




#41  
Methacrylonitrile  
Concen: 17.578 ug/l  
RT: 4.940 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

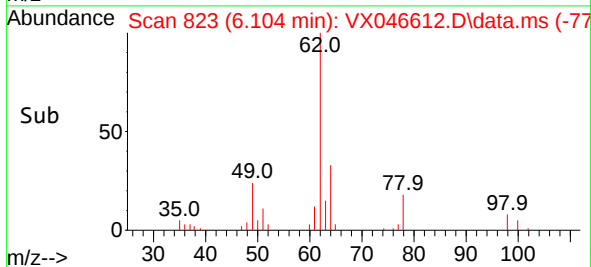
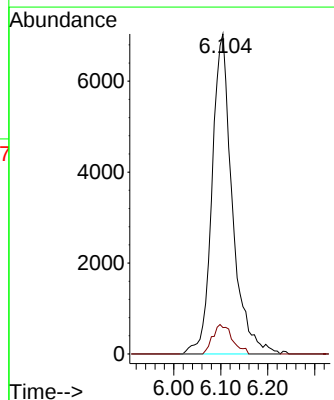
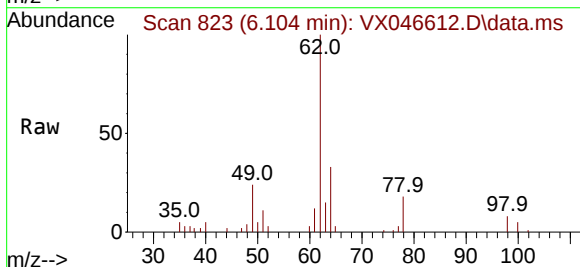
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

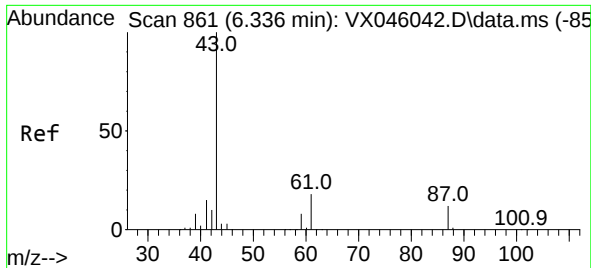
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 9808  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.5  | 47.2  | 70.8  |
| 67       | 73.9  | 50.7  | 76.1  |
| 52       | 33.0  | 24.6  | 37.0  |



#42  
1,2-Dichloroethane  
Concen: 19.525 ug/l  
RT: 6.104 min Scan# 823  
Delta R.T. 0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 21052 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.9   | 0.0   | 15.2  |

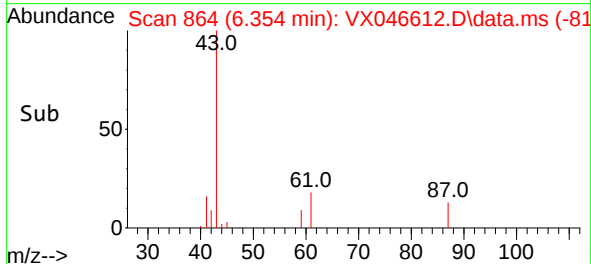
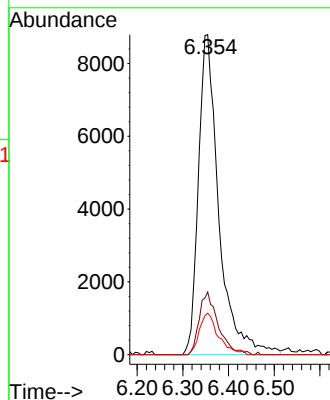
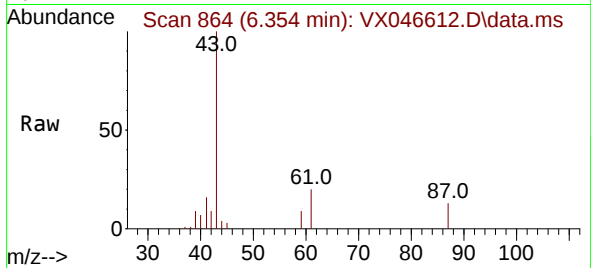




#43  
Isopropyl Acetate  
Concen: 17.399 ug/l  
RT: 6.354 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

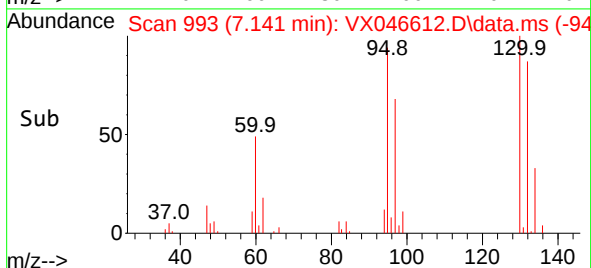
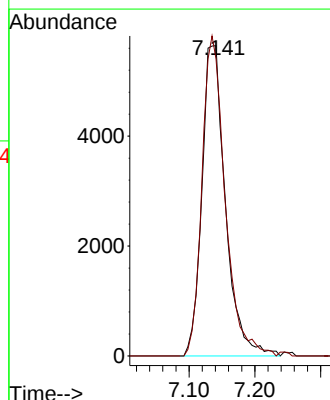
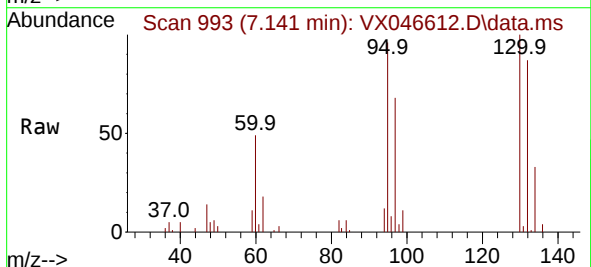
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 27254  
Ion Ratio Lower Upper  
43 100  
61 18.2 14.3 21.5  
87 12.1 9.5 14.3



#44  
Trichloroethene  
Concen: 21.417 ug/l  
RT: 7.141 min Scan# 993  
Delta R.T. 0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion:130 Resp: 14103  
Ion Ratio Lower Upper  
130 100  
95 95.7 0.0 204.2





#45

1,2-Dichloropropane

Concen: 20.028 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

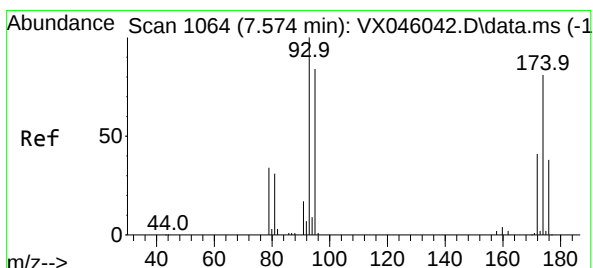
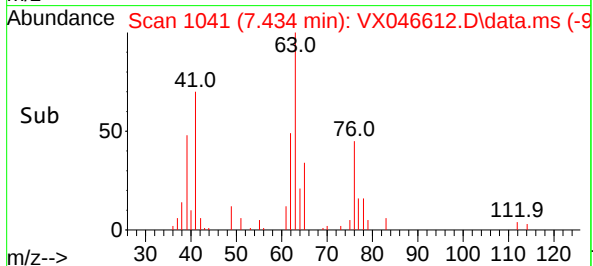
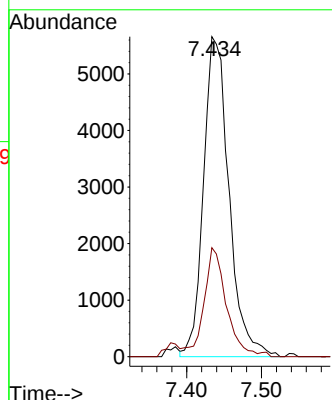
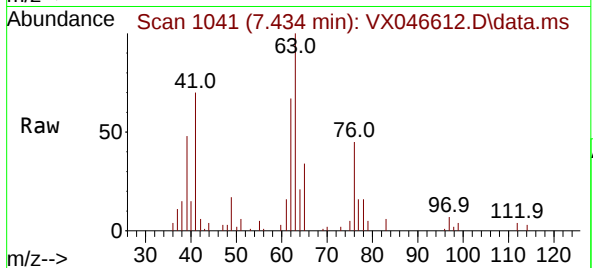
VSTDCCC050EC

Tgt Ion: 63 Resp: 13398

Ion Ratio Lower Upper

63 100

65 34.0 24.1 36.1



#46

Dibromomethane

Concen: 19.773 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

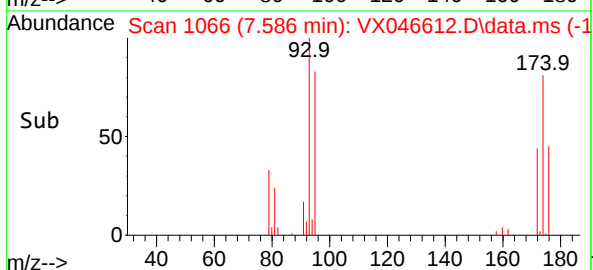
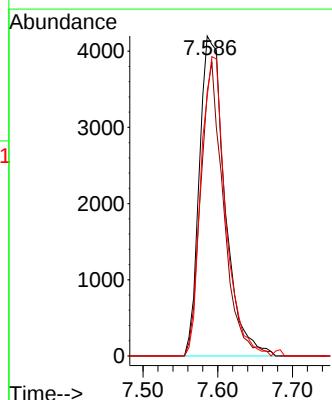
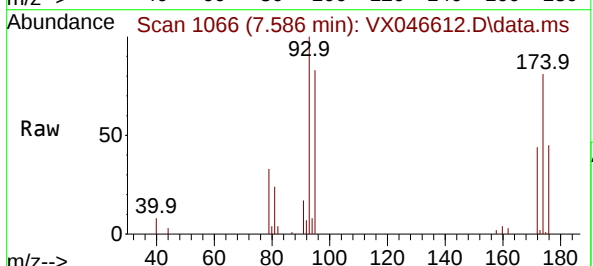
Tgt Ion: 93 Resp: 9951

Ion Ratio Lower Upper

93 100

95 82.2 65.6 98.4

174 89.5 68.2 102.2

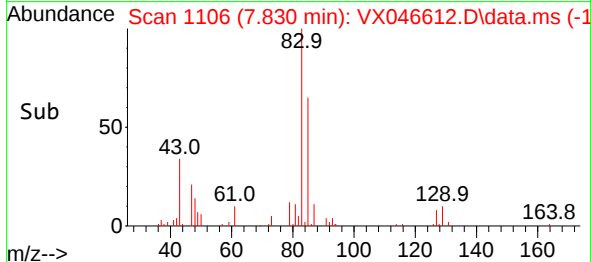
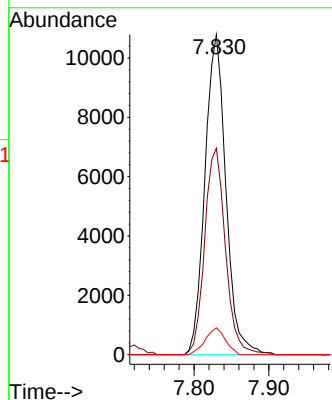
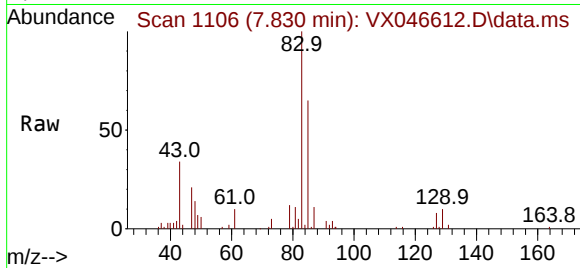




#47  
Bromodichloromethane  
Concen: 20.318 ug/l  
RT: 7.830 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

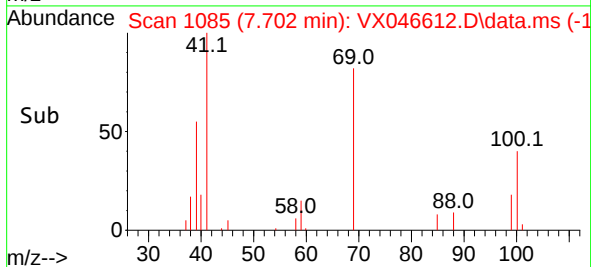
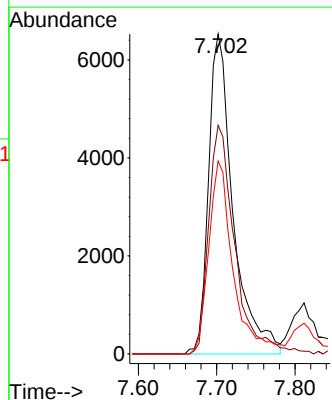
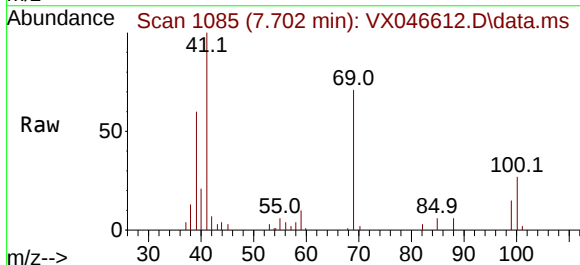
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

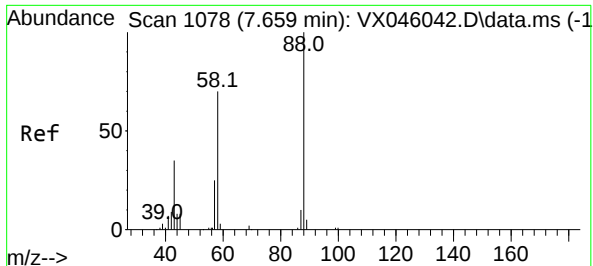
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 21024 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.5  | 50.5  | 75.7  |
| 127      | 8.4   | 6.5   | 9.7   |



#48  
Methyl methacrylate  
Concen: 17.666 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 14238 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 75.9  | 58.5  | 87.7  |
| 39       | 60.2  | 51.7  | 77.5  |





#49

1,4-Dioxane

Concen: 335.604 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

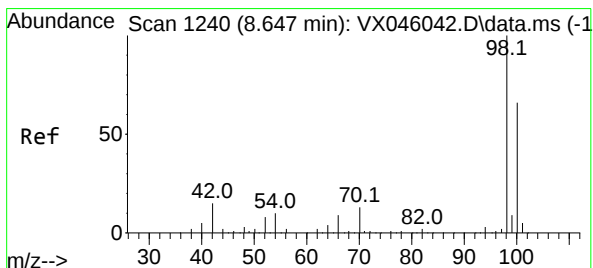
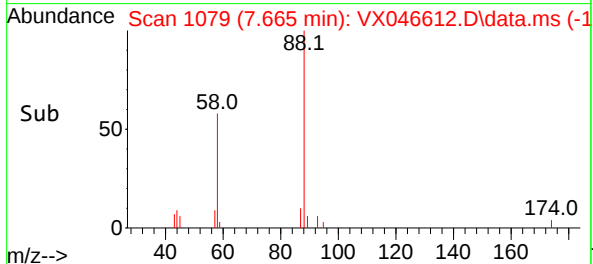
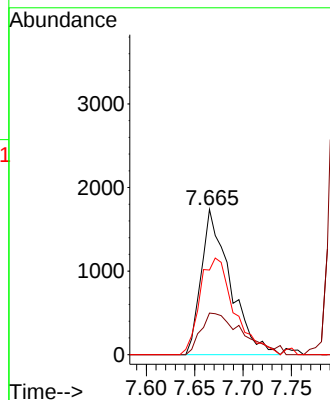
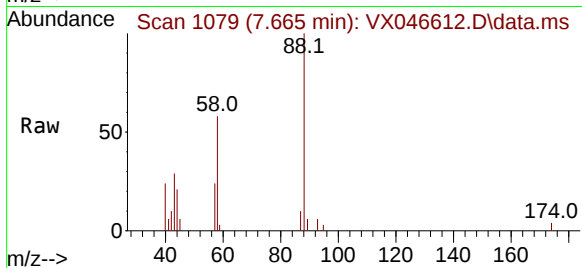
Tgt Ion: 88 Resp: 3617

Ion Ratio Lower Upper

88 100

43 41.5 33.4 50.2

58 79.0 58.6 88.0



#50

Toluene-d8

Concen: 45.781 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX046612.D

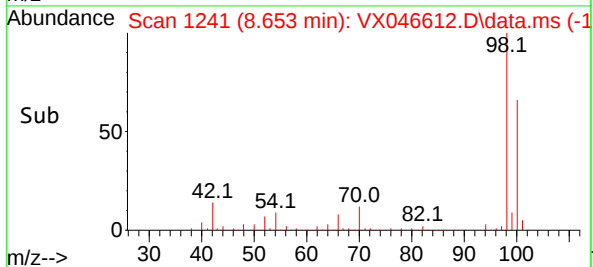
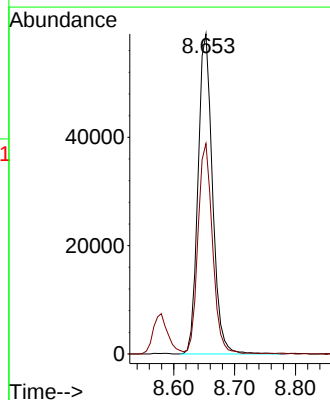
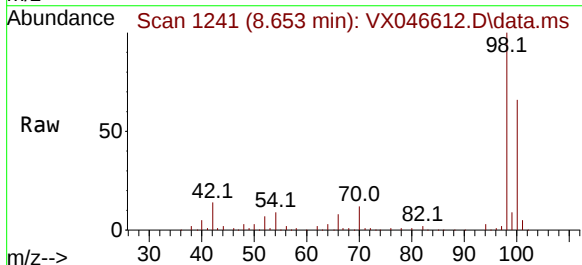
Acq: 10 Jun 2025 18:32

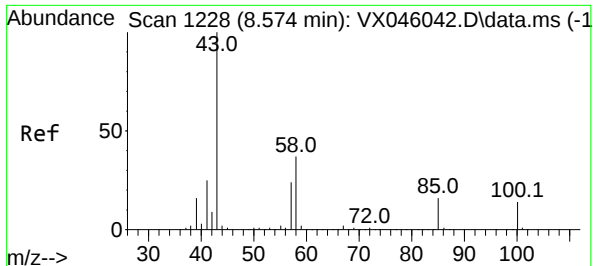
Tgt Ion: 98 Resp: 97276

Ion Ratio Lower Upper

98 100

100 65.8 53.5 80.3

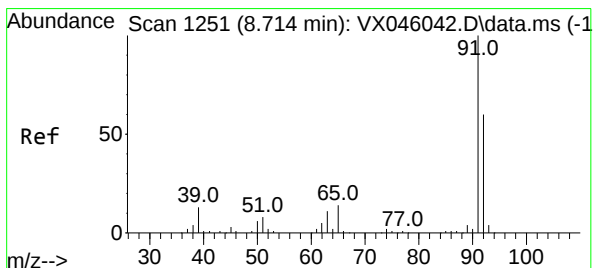
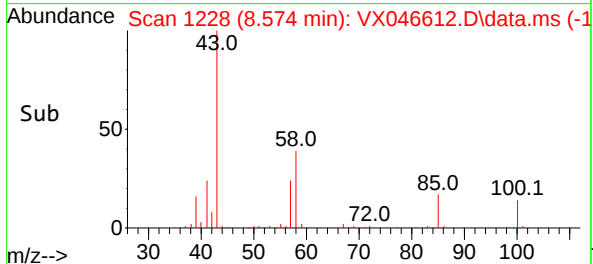
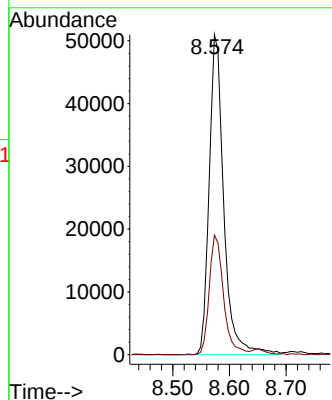
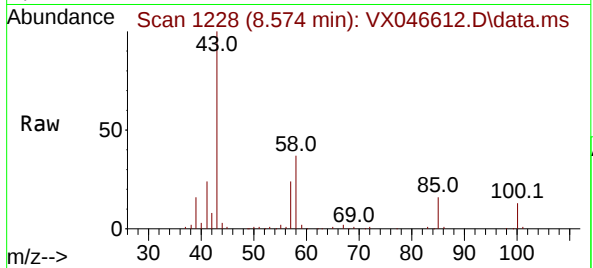




#51  
4-Methyl-2-Pentanone  
Concen: 91.720 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

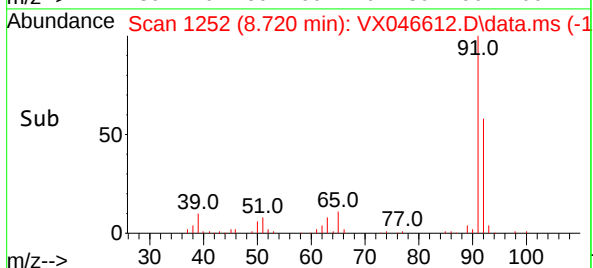
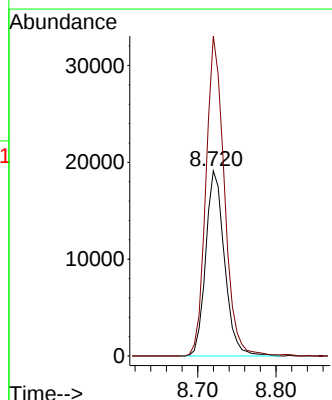
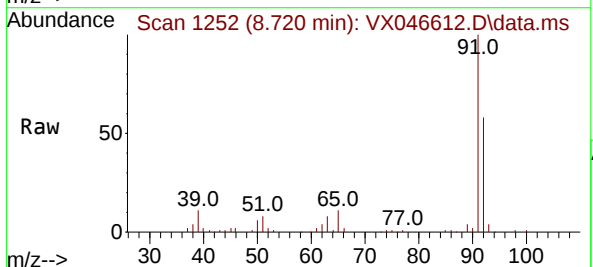
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 91297  
Ion Ratio Lower Upper  
43 100  
58 36.6 28.9 43.3



#52  
Toluene  
Concen: 19.969 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 92 Resp: 31795  
Ion Ratio Lower Upper  
92 100  
91 169.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.053 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

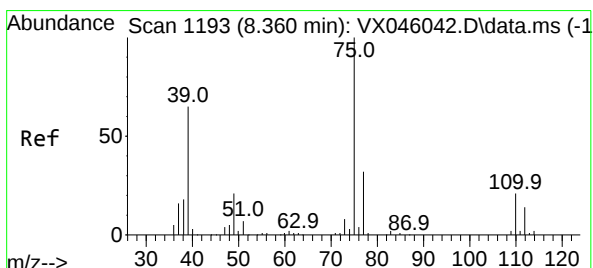
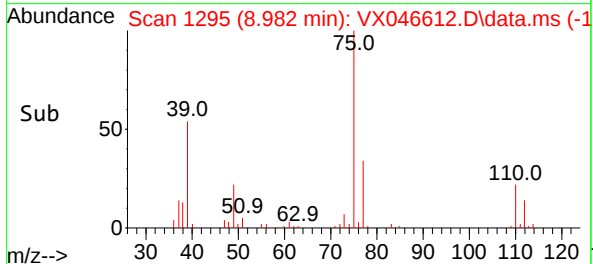
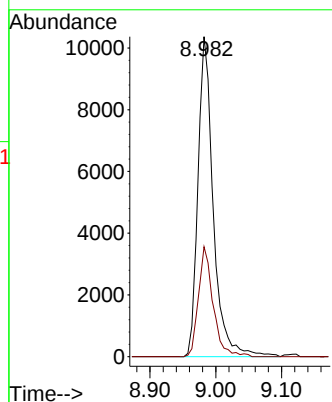
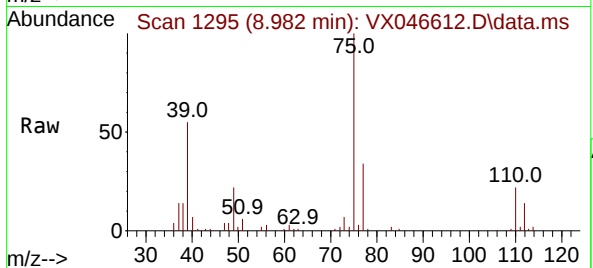
VSTDCCC050EC

Tgt Ion: 75 Resp: 16749

Ion Ratio Lower Upper

75 100

77 34.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.452 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

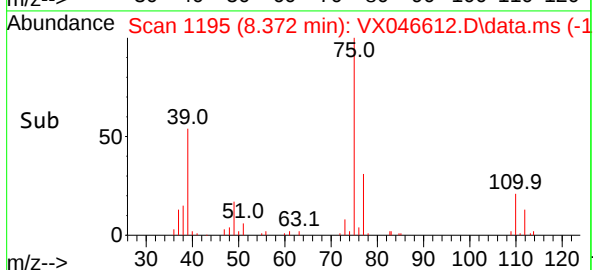
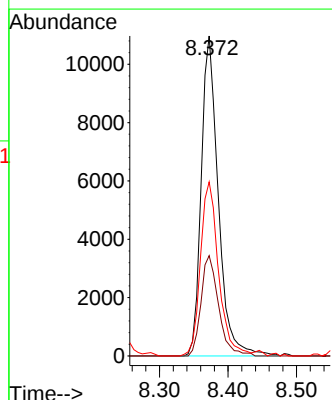
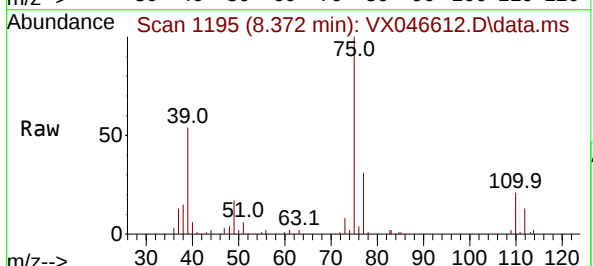
Tgt Ion: 75 Resp: 19034

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 54.4 52.2 78.4

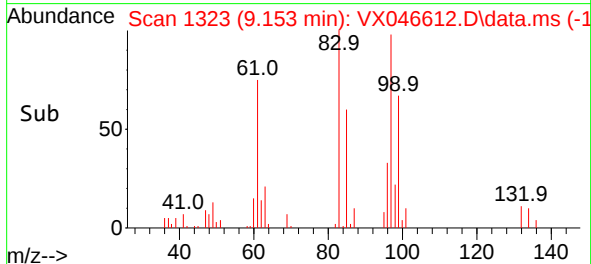
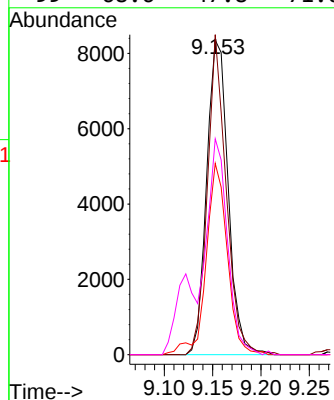
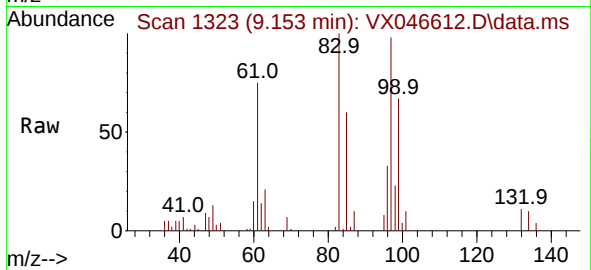




#55  
1,1,2-Trichloroethane  
Concen: 20.202 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

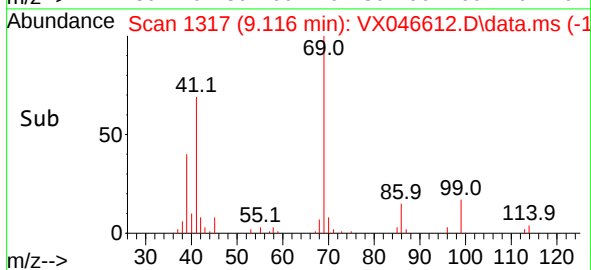
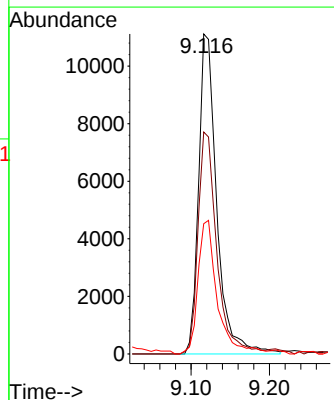
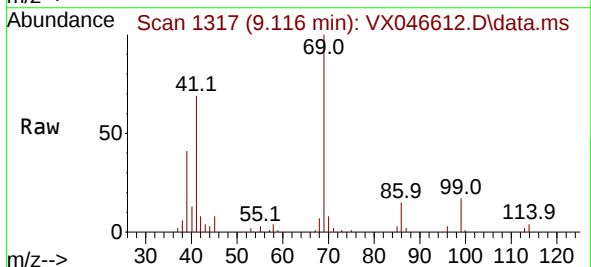
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

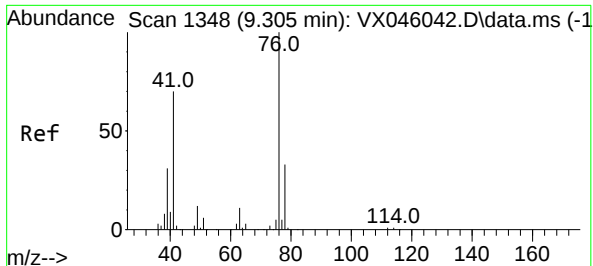
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 12913 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 101.7    | 69.0 103.6  |
| 85 60.8     | 44.3 66.5   |
| 99 68.6     | 47.8 71.6   |



#56  
Ethyl methacrylate  
Concen: 18.274 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 17975 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 71.5     | 60.8 91.2   |
| 39 44.2     | 39.0 58.6   |





#57

1,3-Dichloropropane

Concen: 20.420 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

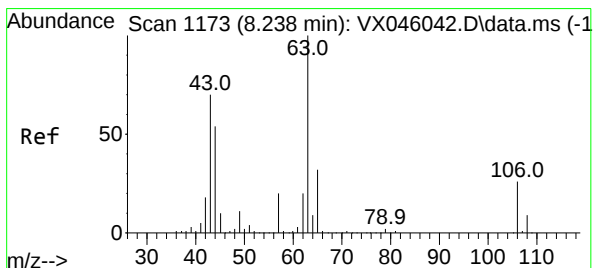
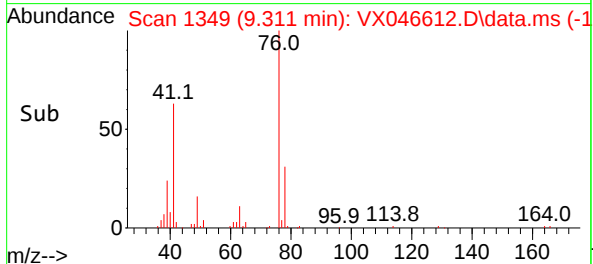
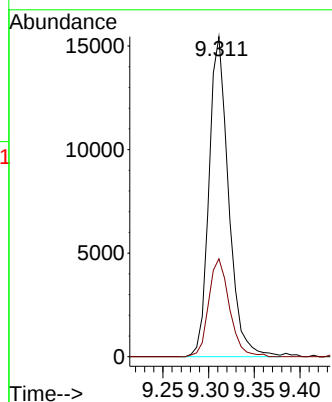
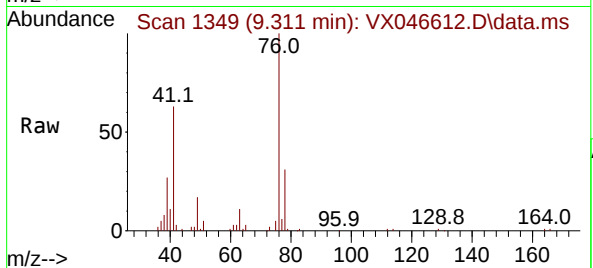
VSTDCCC050EC

Tgt Ion: 76 Resp: 23066

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 57.744 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046612.D

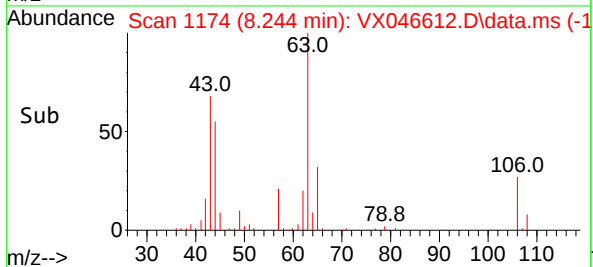
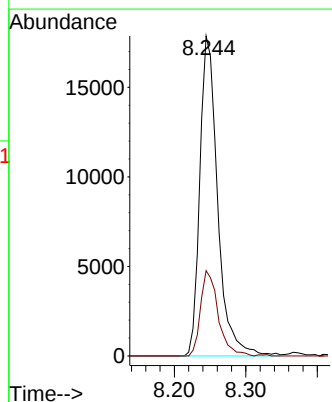
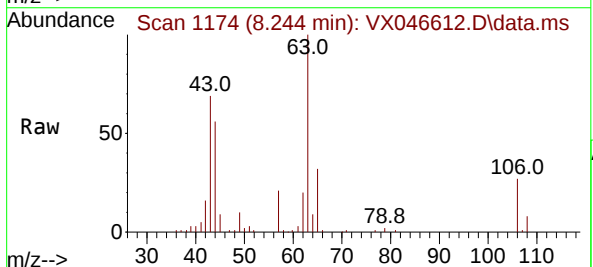
Acq: 10 Jun 2025 18:32

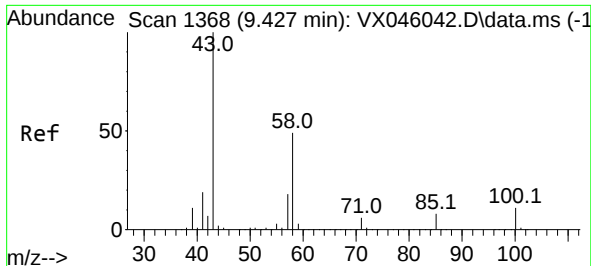
Tgt Ion: 63 Resp: 30938

Ion Ratio Lower Upper

63 100

106 26.3 21.5 32.3

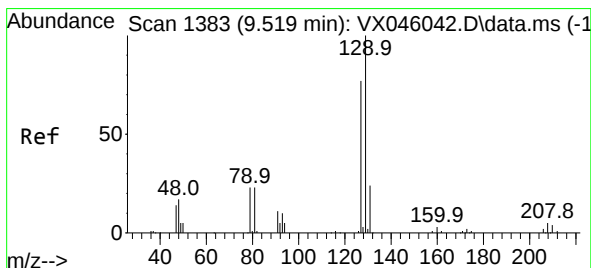
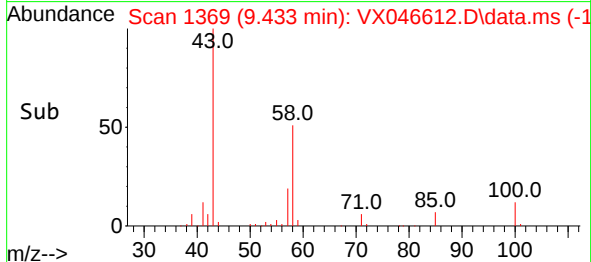
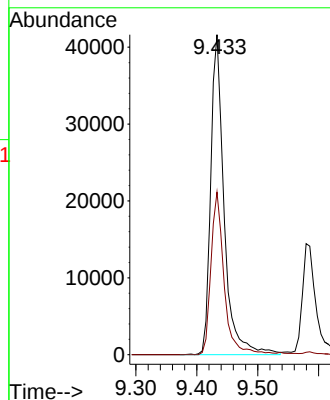
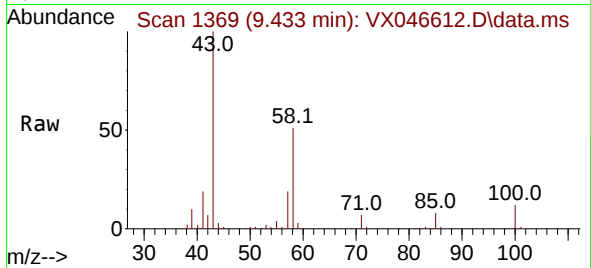




#59  
2-Hexanone  
Concen: 89.191 ug/l  
RT: 9.433 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

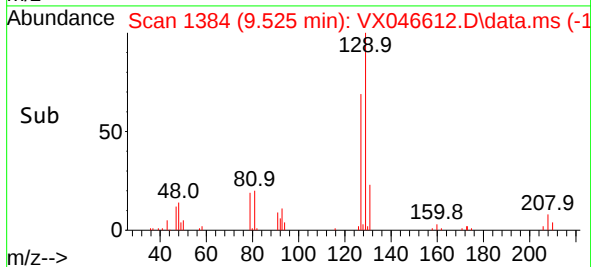
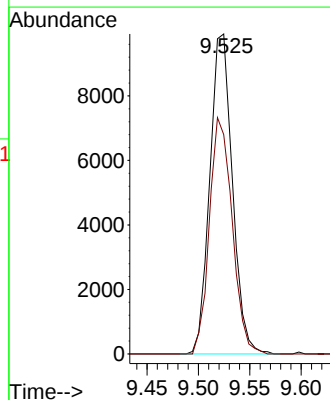
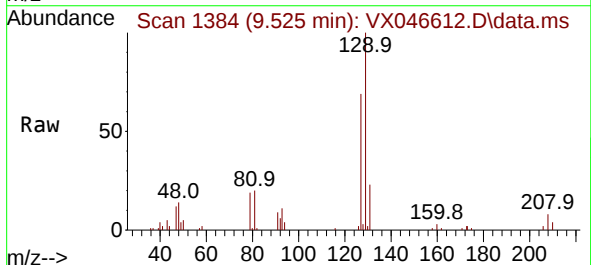
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

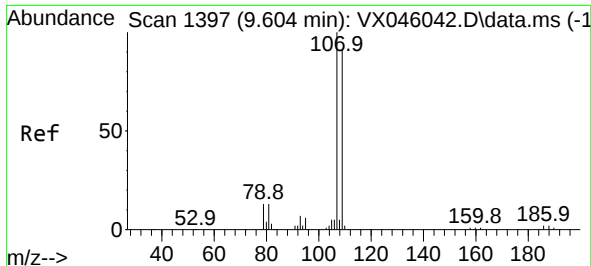
Tgt Ion: 43 Resp: 63672  
Ion Ratio Lower Upper  
43 100  
58 50.0 24.9 74.6



#60  
Dibromochloromethane  
Concen: 20.205 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 129 Resp: 15191  
Ion Ratio Lower Upper  
129 100  
127 74.4 39.3 117.8

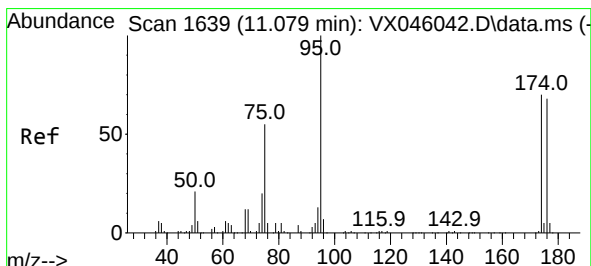
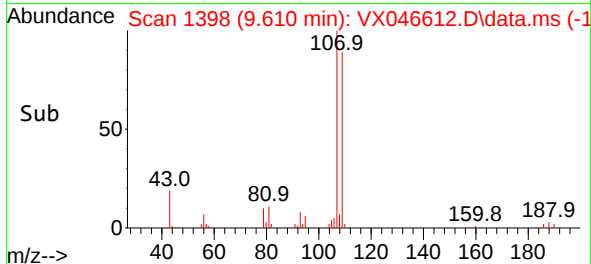
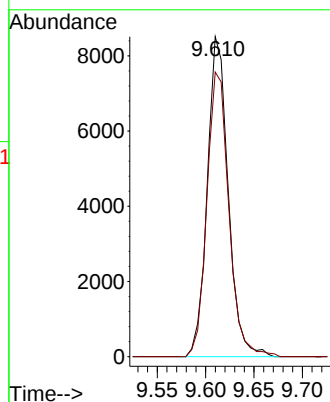
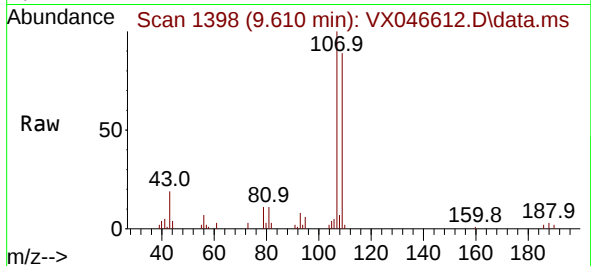




#61  
1,2-Dibromoethane  
Concen: 19.240 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

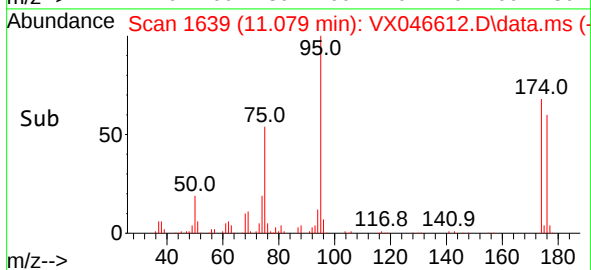
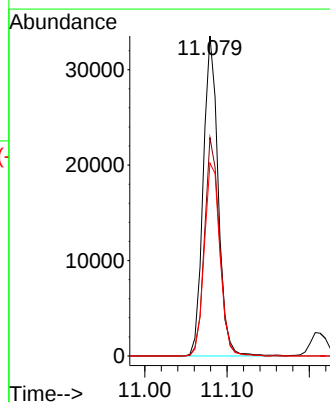
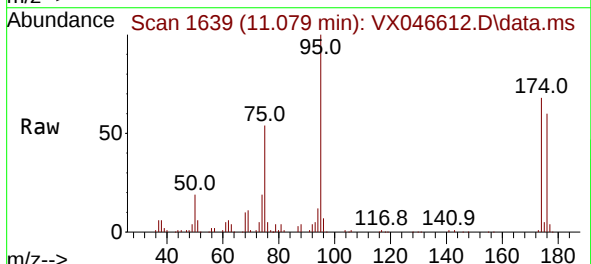
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

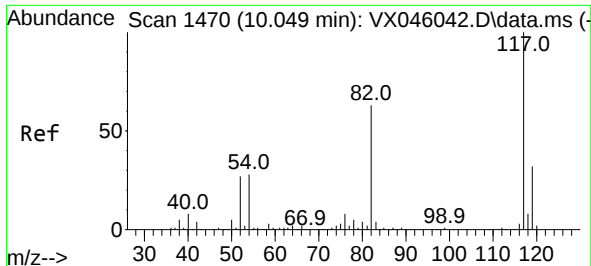
Tgt Ion:107 Resp: 12815  
Ion Ratio Lower Upper  
107 100  
109 93.5 73.3 109.9



#62  
4-Bromofluorobenzene  
Concen: 47.945 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 95 Resp: 42150  
Ion Ratio Lower Upper  
95 100  
174 68.8 0.0 135.8  
176 63.7 0.0 131.4

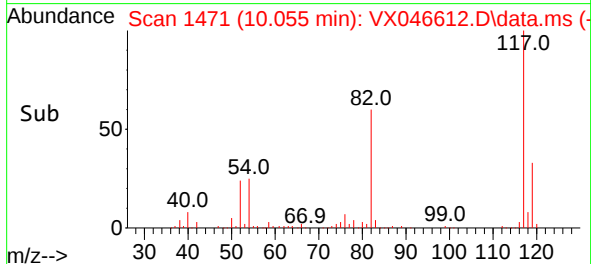
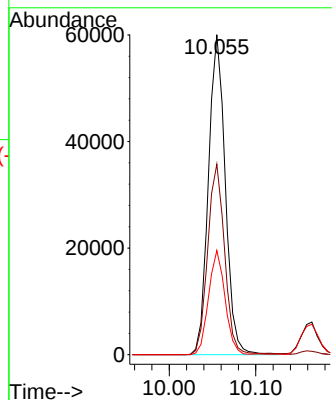
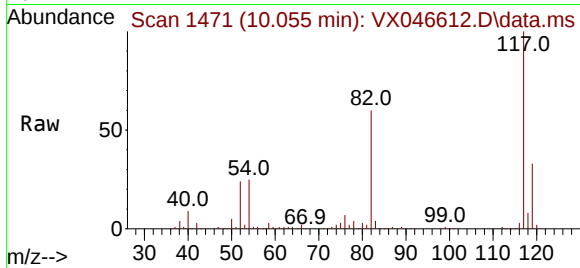




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

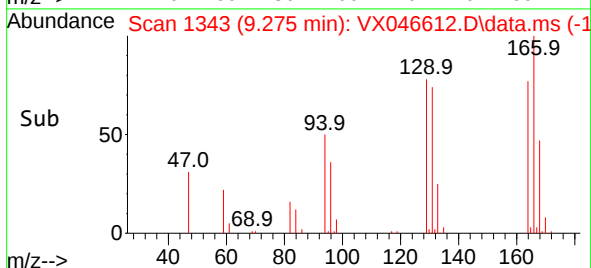
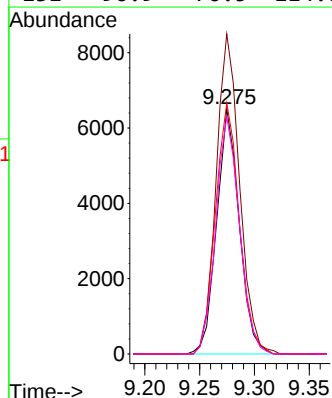
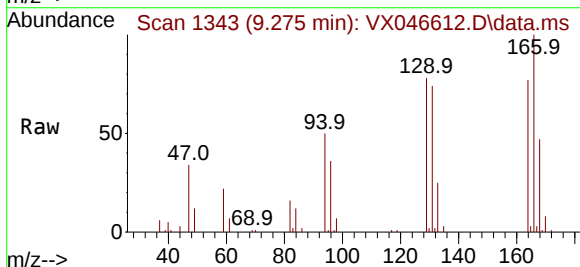
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

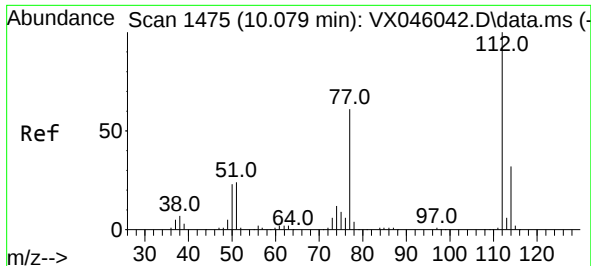
Tgt Ion:117 Resp: 81251  
Ion Ratio Lower Upper  
117 100  
82 59.6 50.6 76.0  
119 32.6 25.8 38.6



#64  
Tetrachloroethene  
Concen: 17.106 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion:164 Resp: 9294  
Ion Ratio Lower Upper  
164 100  
166 130.6 105.0 157.6  
129 102.5 83.5 125.3  
131 96.9 76.5 114.7

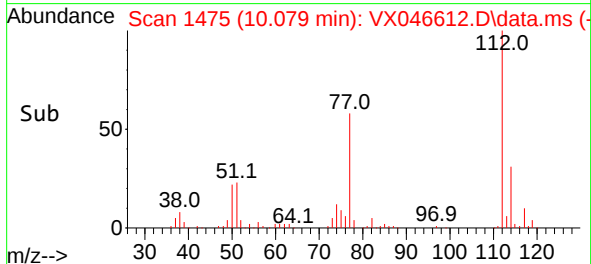
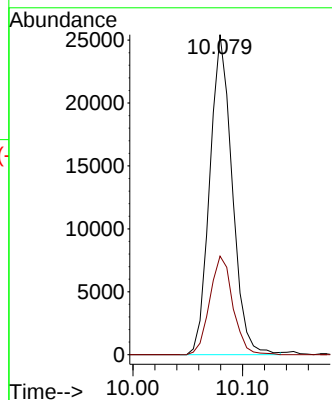
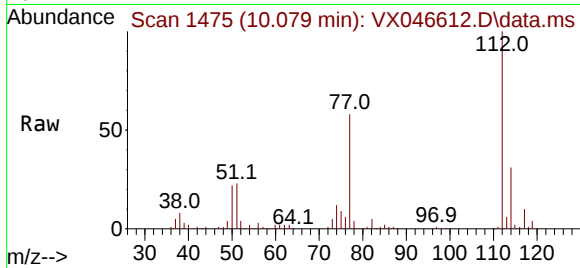




#65  
Chlorobenzene  
Concen: 18.896 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

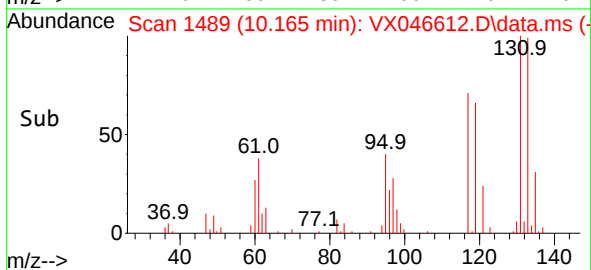
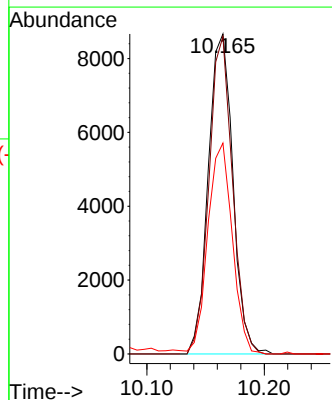
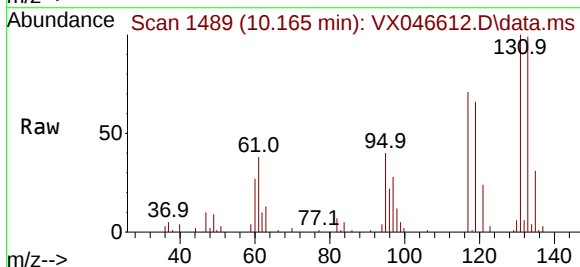
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

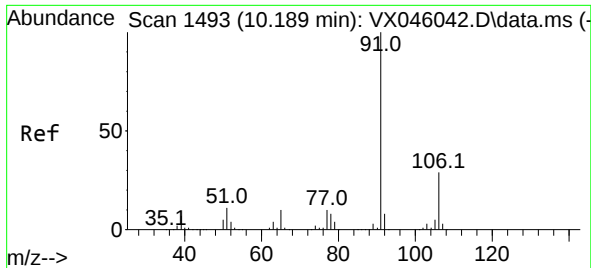
Tgt Ion:112 Resp: 36109  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.475 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion:131 Resp: 12576  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.3 141.9  
119 65.8 31.6 95.0

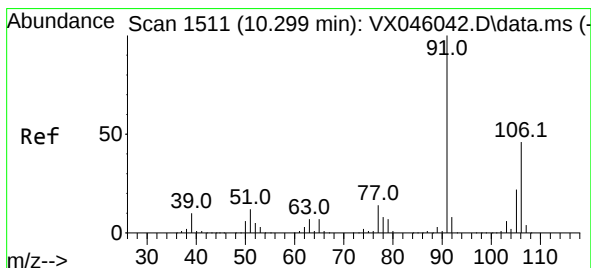
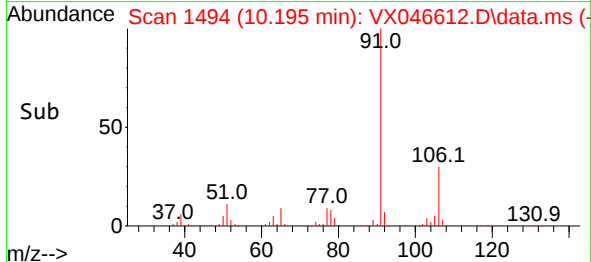
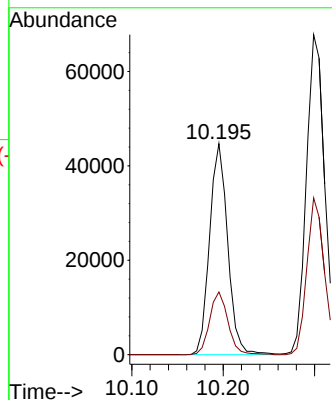
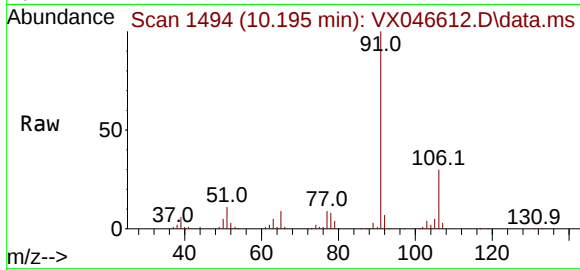




#67  
Ethyl Benzene  
Concen: 18.459 ug/l  
RT: 10.195 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

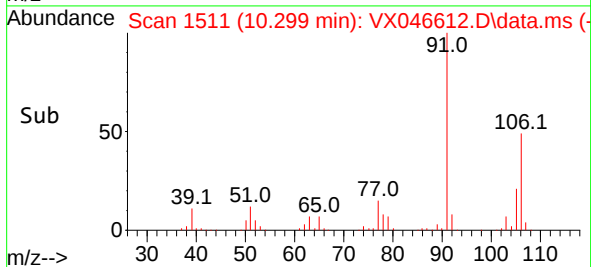
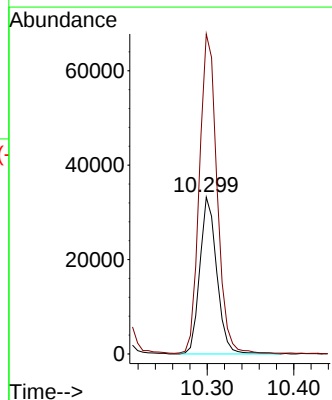
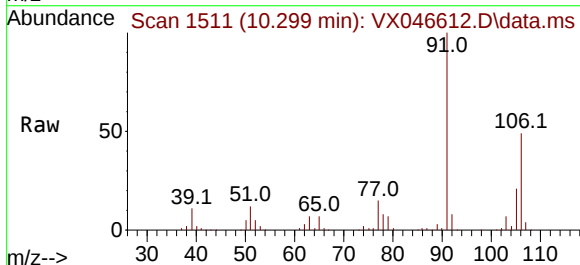
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

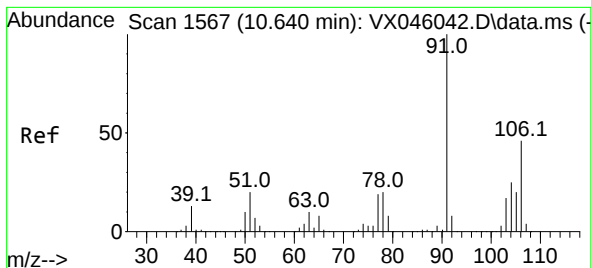
Tgt Ion: 91 Resp: 61578  
Ion Ratio Lower Upper  
91 100  
106 29.7 23.4 35.2



#68  
m/p-Xylenes  
Concen: 37.313 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 106 Resp: 45154  
Ion Ratio Lower Upper  
106 100  
91 213.1 171.2 256.8





#69

o-Xylene

Concen: 18.461 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

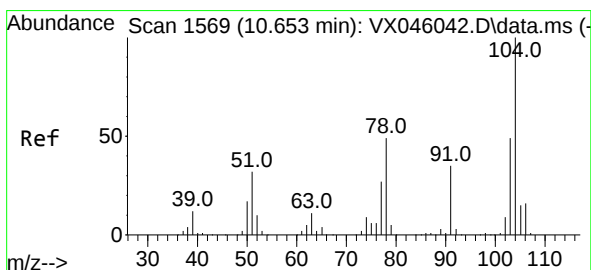
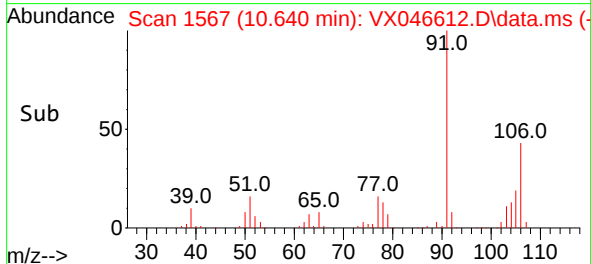
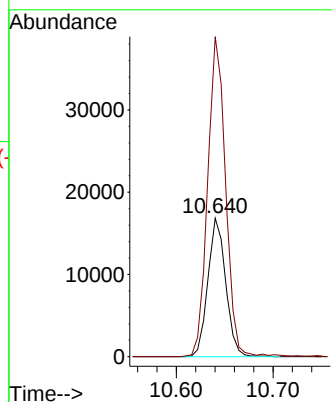
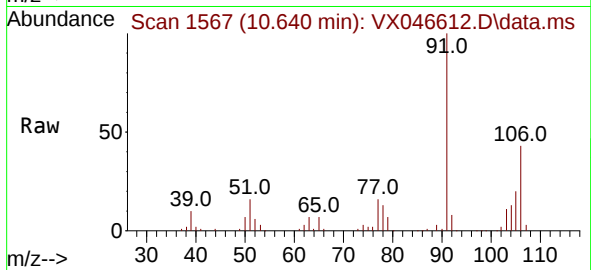
VSTDCCC050EC

Tgt Ion:106 Resp: 21609

Ion Ratio Lower Upper

106 100

91 233.5 112.7 338.1



#70

Styrene

Concen: 19.842 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.001 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

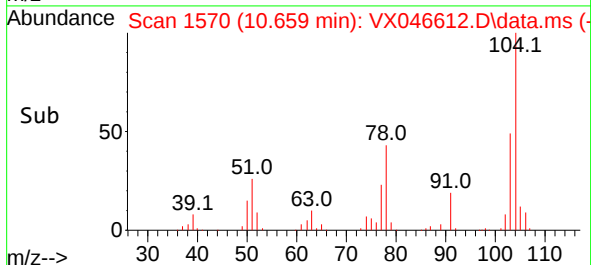
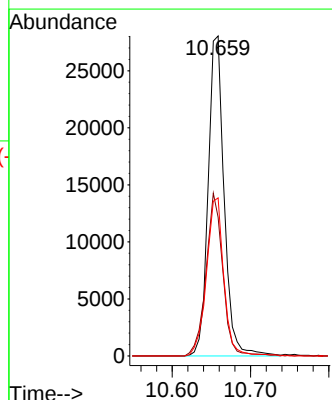
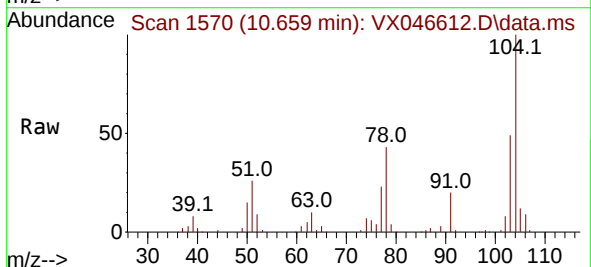
Tgt Ion:104 Resp: 39756

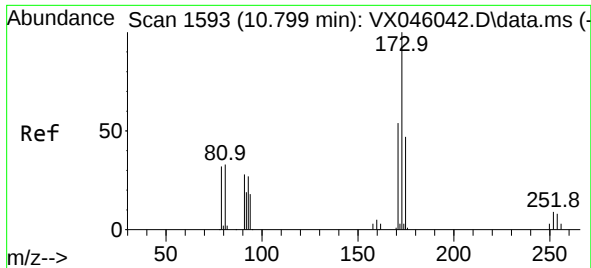
Ion Ratio Lower Upper

104 100

78 53.3 45.7 68.5

103 53.5 43.7 65.5

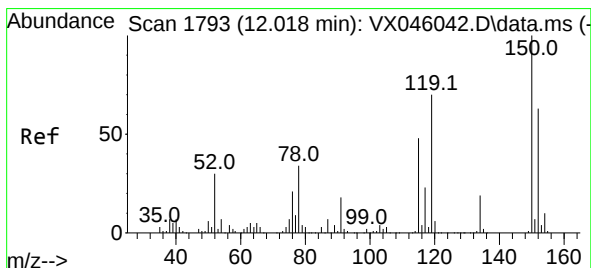
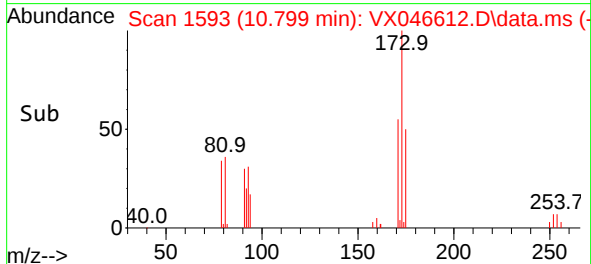
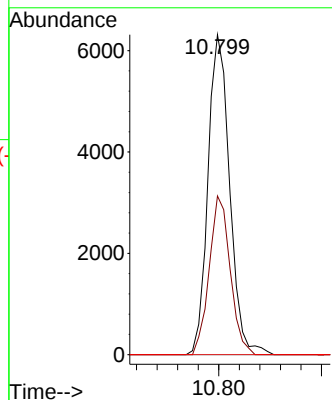
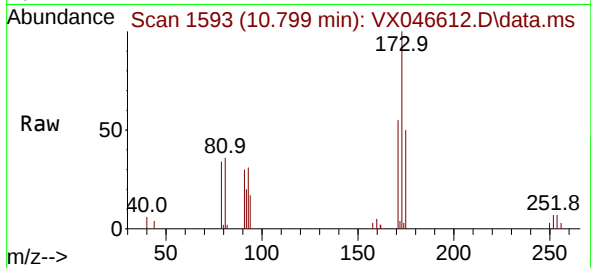




#71  
Bromoform  
Concen: 18.767 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

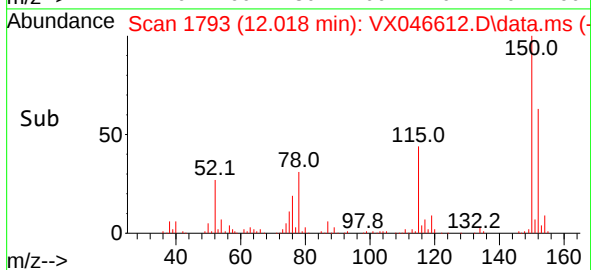
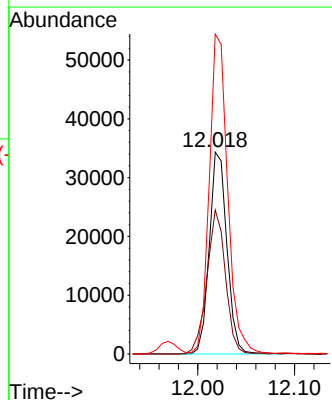
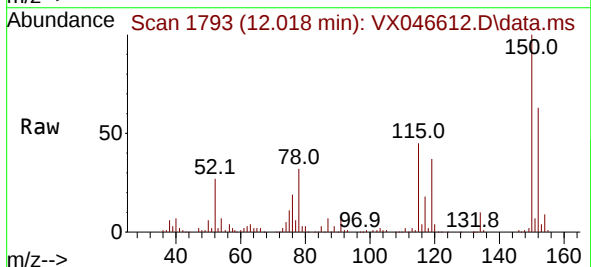
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 9240  
Ion Ratio Lower Upper  
173 100  
175 48.1 23.4 70.0  
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. -0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion:152 Resp: 43547  
Ion Ratio Lower Upper  
152 100  
115 75.1 46.9 140.7  
150 164.9 0.0 351.0

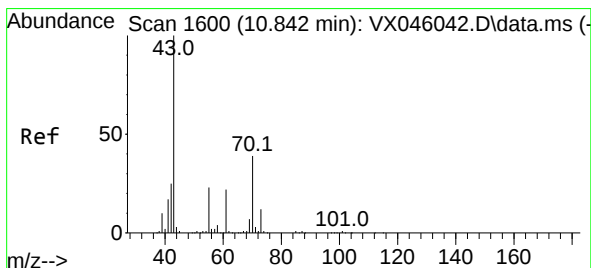
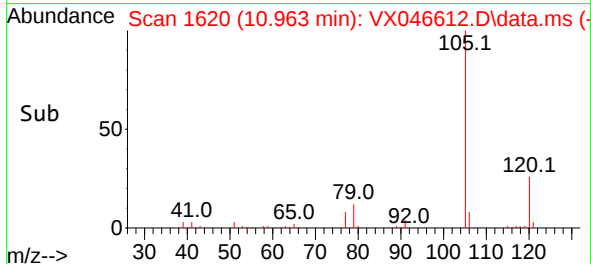
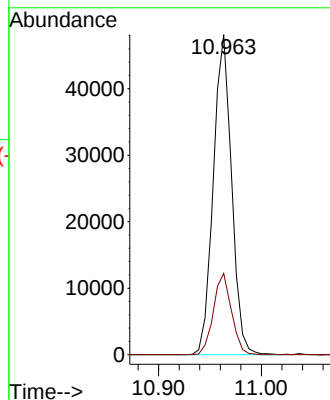
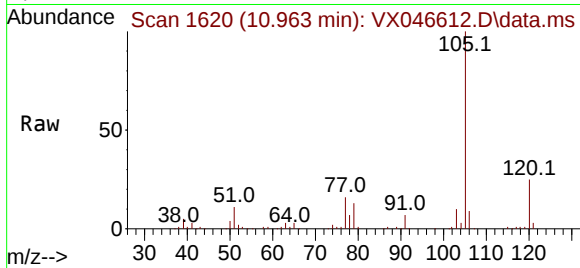




#73  
Isopropylbenzene  
Concen: 17.369 ug/l  
RT: 10.963 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

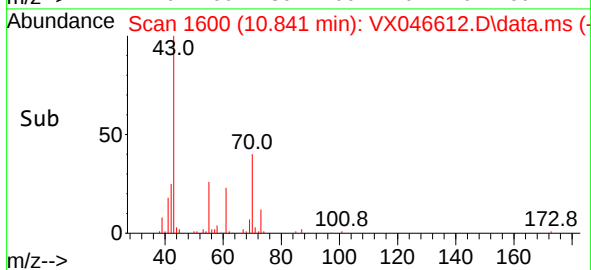
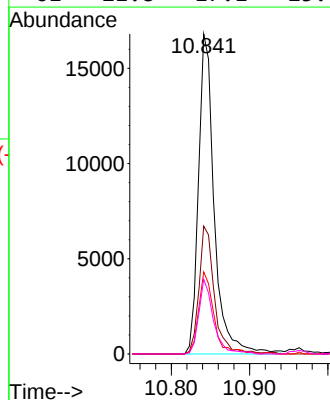
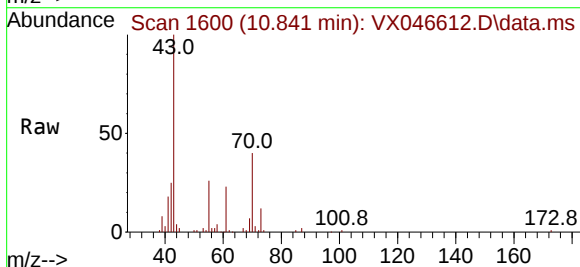
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

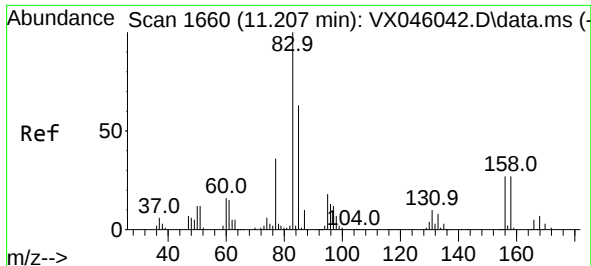
Tgt Ion:105 Resp: 59458  
Ion Ratio Lower Upper  
105 100  
120 25.0 12.8 38.4



#74  
N-ethyl acetate  
Concen: 15.619 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 43 Resp: 23546  
Ion Ratio Lower Upper  
43 100  
70 38.9 30.9 46.3  
55 24.7 18.7 28.1  
61 21.8 17.1 25.7

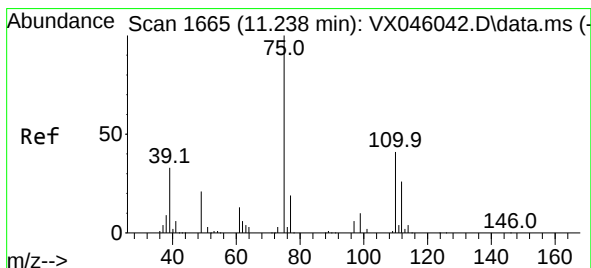
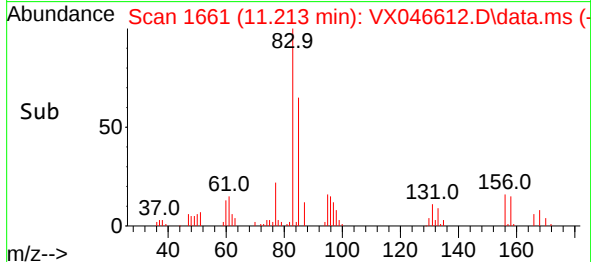
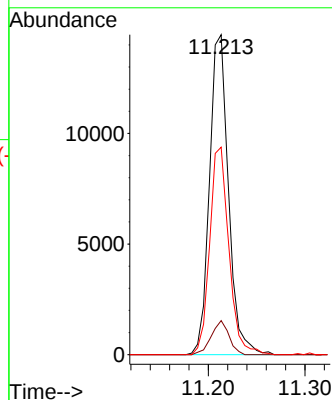
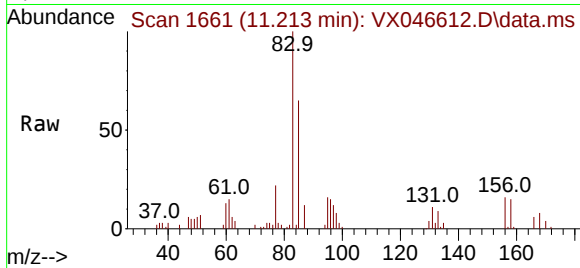




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.031 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

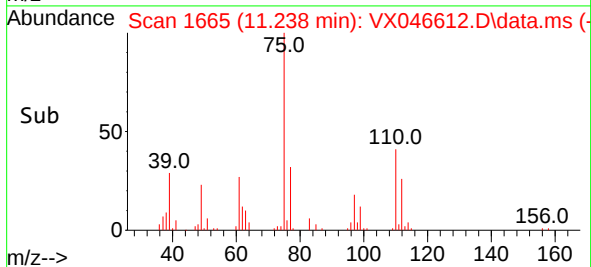
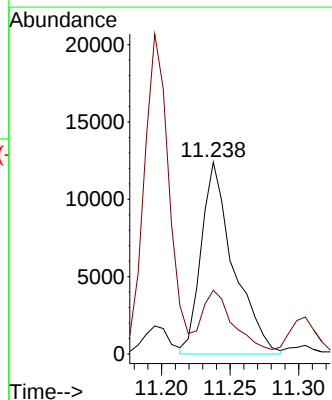
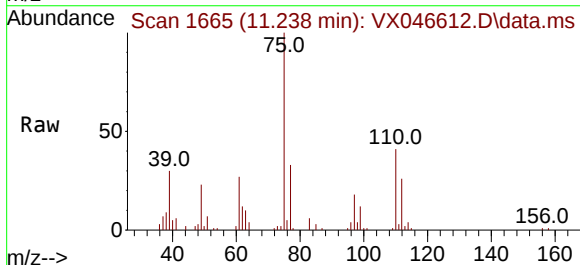
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

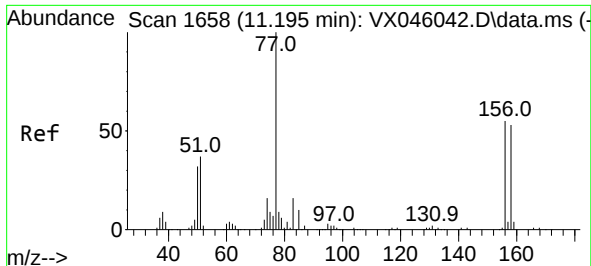
Tgt Ion: 83 Resp: 19757  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.0 14.9  
85 65.6 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 22.031 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 75 Resp: 20321  
Ion Ratio Lower Upper  
75 100  
77 33.7 20.5 61.5

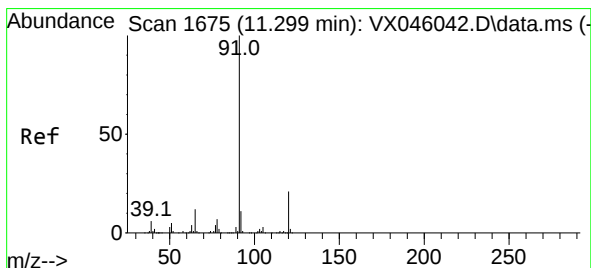
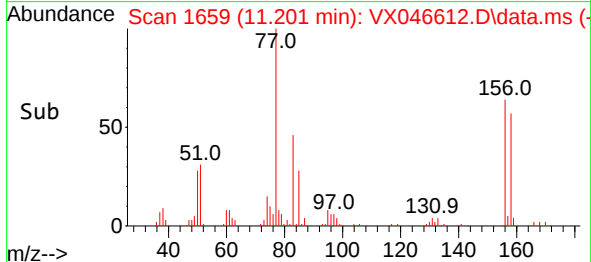
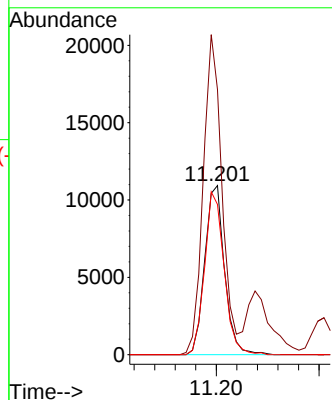
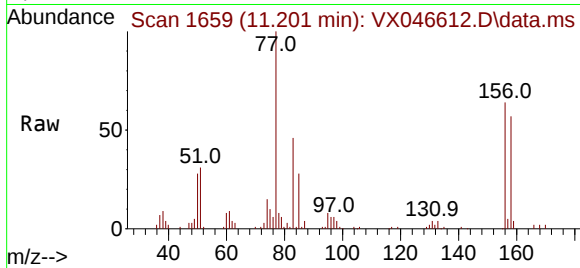




#77  
Bromobenzene  
Concen: 18.410 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

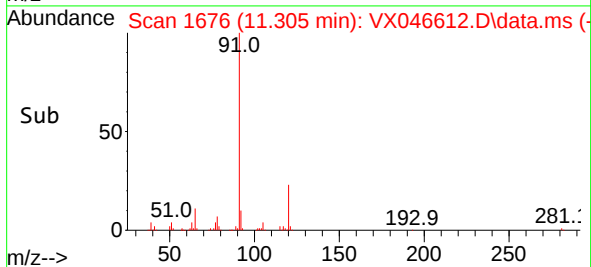
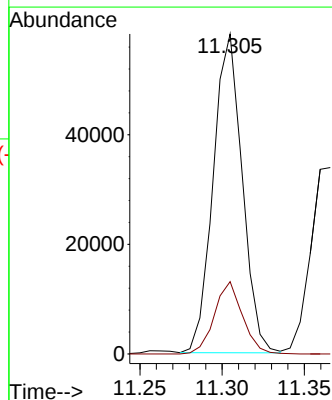
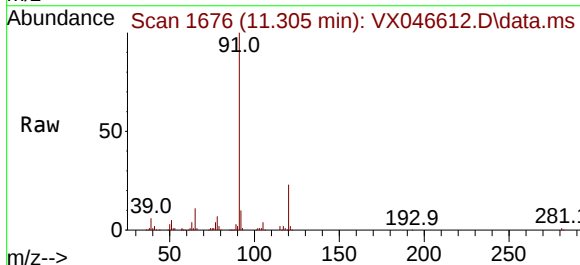
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:156 Resp: 14628  
Ion Ratio Lower Upper  
156 100  
77 178.0 92.8 278.3  
158 95.1 48.8 146.3



#78  
n-propylbenzene  
Concen: 17.219 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 91 Resp: 71345  
Ion Ratio Lower Upper  
91 100  
120 22.0 10.8 32.4





#79

2-Chlorotoluene

Concen: 17.953 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

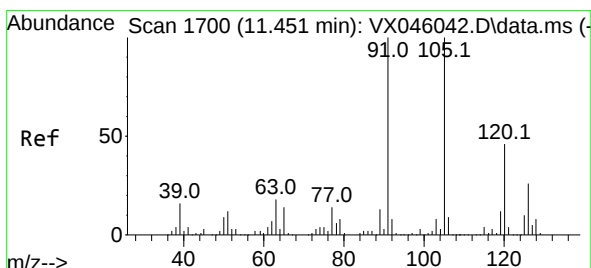
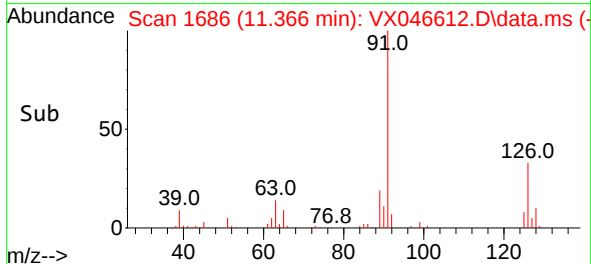
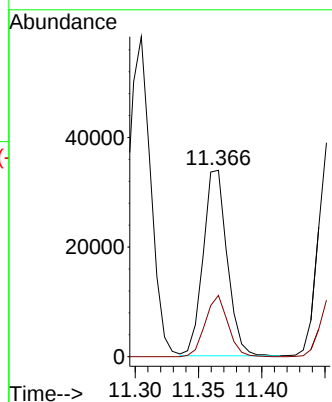
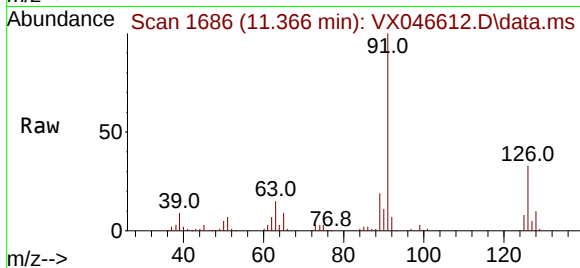
VSTDCCC050EC

Tgt Ion: 91 Resp: 44857

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 17.351 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046612.D

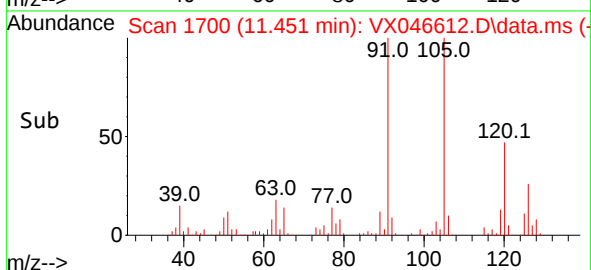
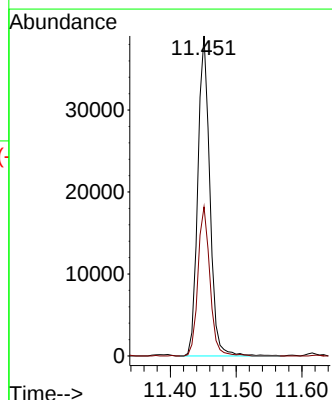
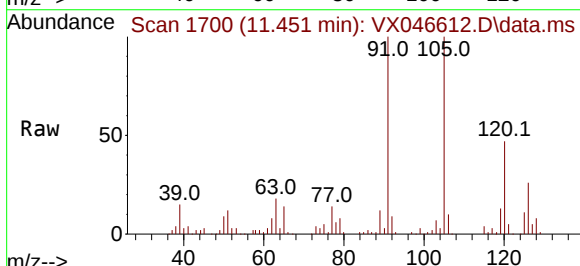
Acq: 10 Jun 2025 18:32

Tgt Ion:105 Resp: 49496

Ion Ratio Lower Upper

105 100

120 46.5 23.1 69.2

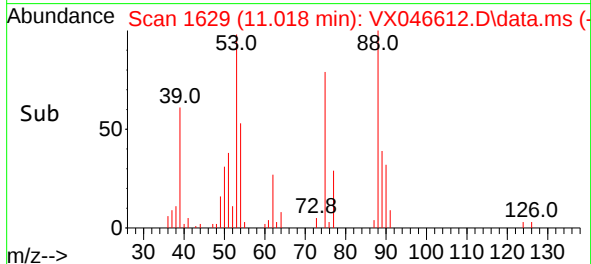
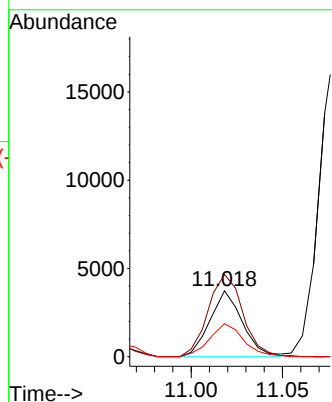
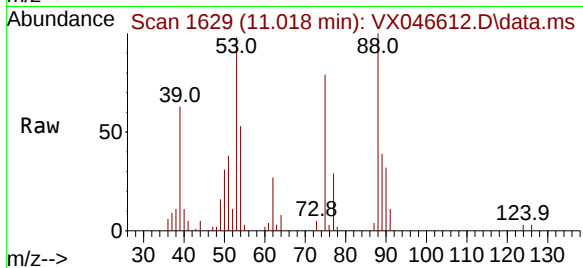




#81  
trans-1,4-Dichloro-2-butene  
Concen: 14.477 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

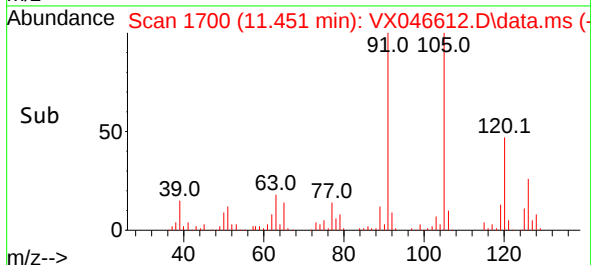
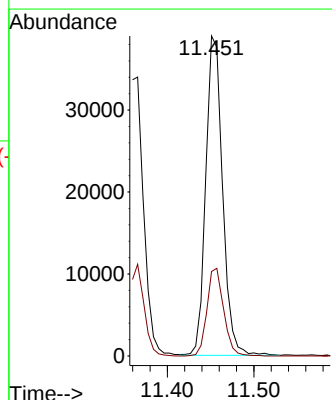
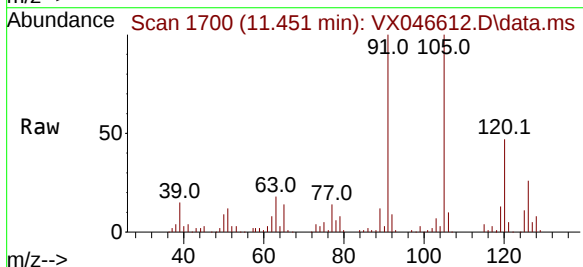
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

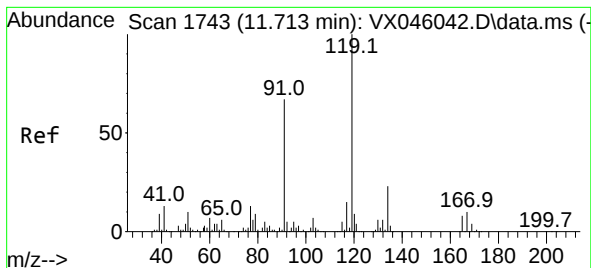
Tgt Ion: 75 Resp: 4629  
Ion Ratio Lower Upper  
75 100  
53 133.2 100.5 150.7  
89 52.1 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 17.770 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 91 Resp: 52626  
Ion Ratio Lower Upper  
91 100  
126 27.2 13.3 39.8





#83

tert-Butylbenzene

Concen: 17.204 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

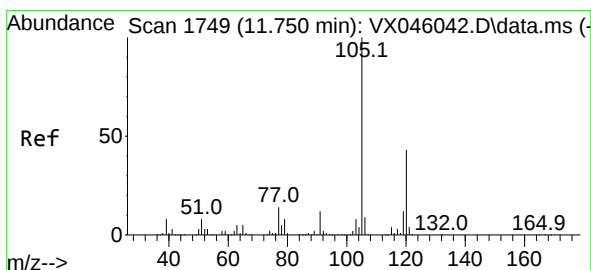
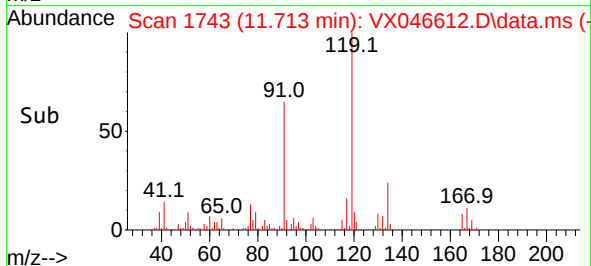
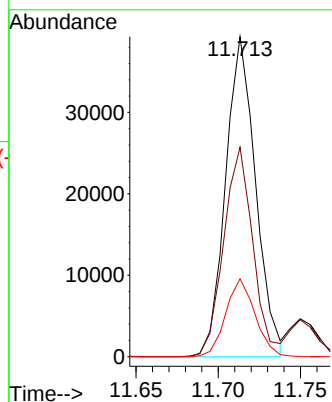
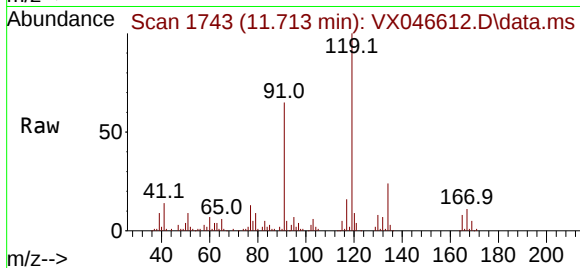
Tgt Ion:119 Resp: 49958

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.7

134 23.8 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 17.275 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046612.D

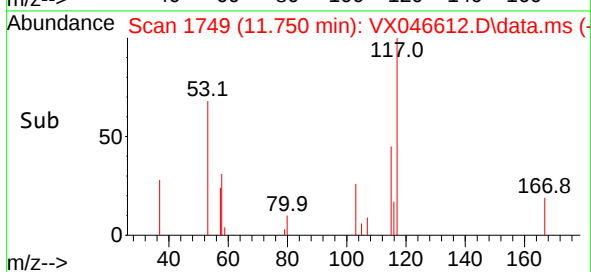
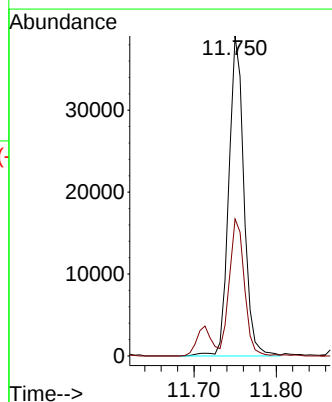
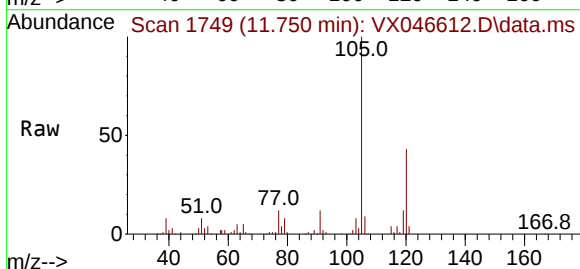
Acq: 10 Jun 2025 18:32

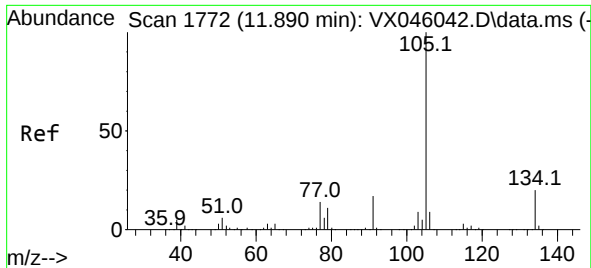
Tgt Ion:105 Resp: 49852

Ion Ratio Lower Upper

105 100

120 42.7 21.2 63.6

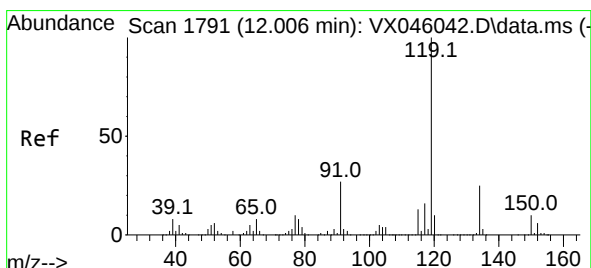
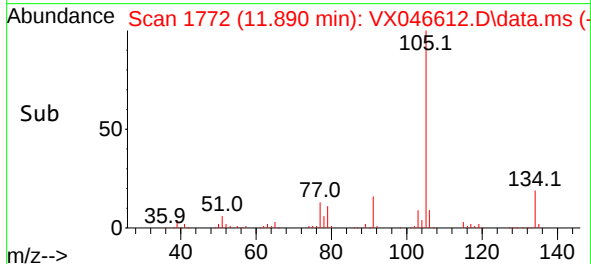
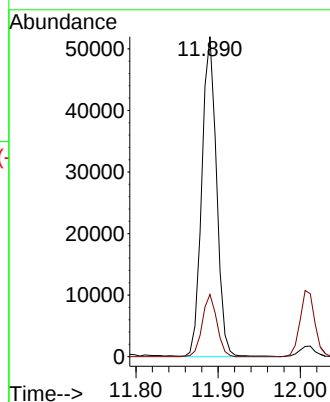
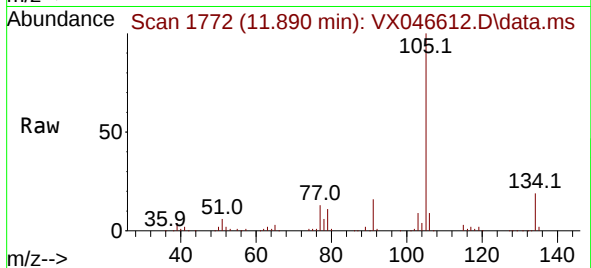




#85  
 sec-Butylbenzene  
 Concen: 17.372 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX046612.D  
 Acq: 10 Jun 2025 18:32

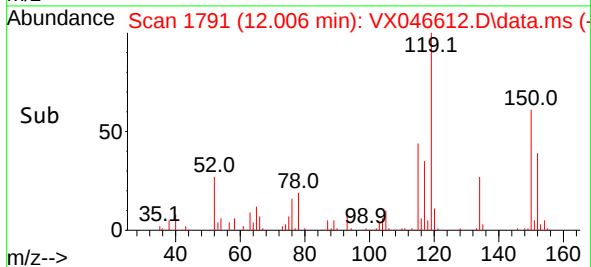
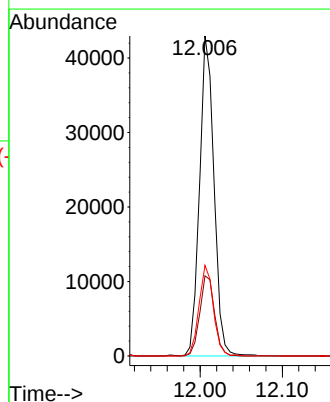
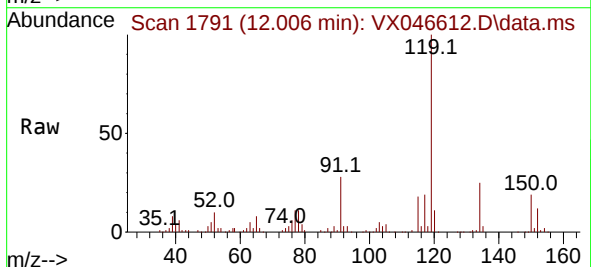
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:105 Resp: 64821  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 16.835 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX046612.D  
 Acq: 10 Jun 2025 18:32

Tgt Ion:119 Resp: 52366  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 12.5 37.5  
 91 28.1 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 17.891 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

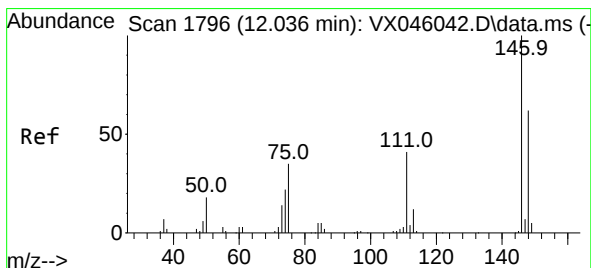
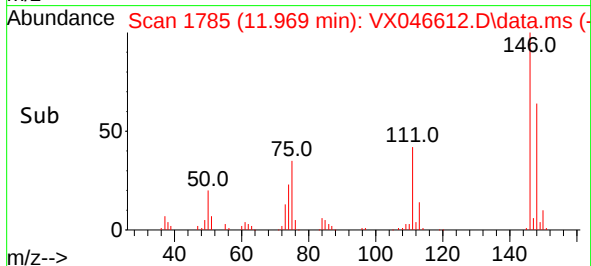
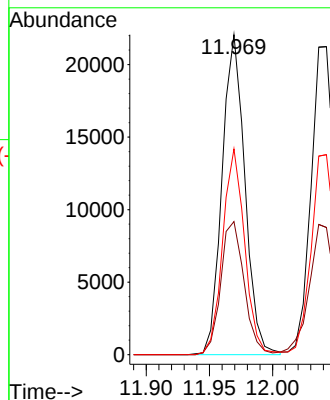
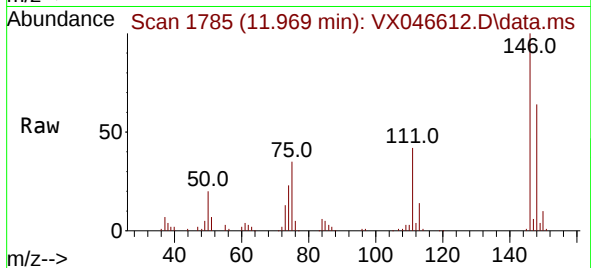
Tgt Ion:146 Resp: 27605

Ion Ratio Lower Upper

146 100

111 42.7 22.1 66.3

148 62.0 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 17.840 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

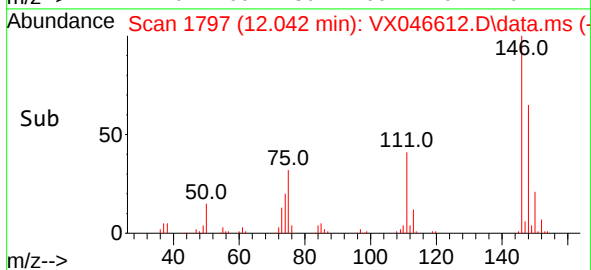
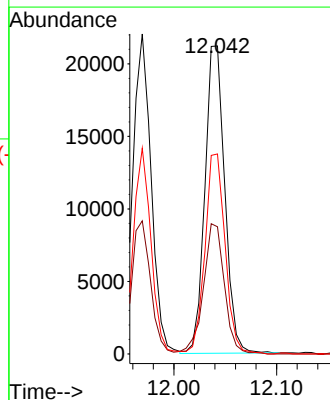
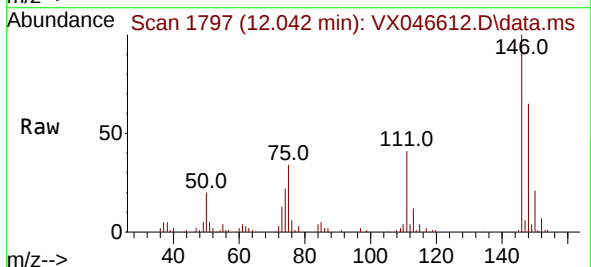
Tgt Ion:146 Resp: 28522

Ion Ratio Lower Upper

146 100

111 45.0 21.3 63.9

148 66.4 31.9 95.5





#89

n-Butylbenzene

Concen: 16.815 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

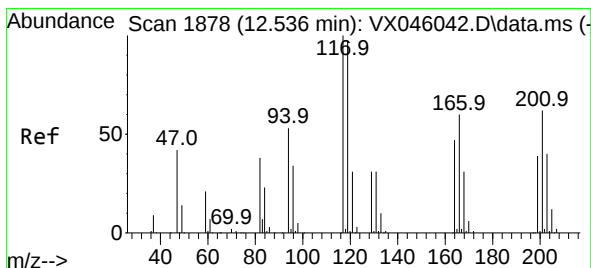
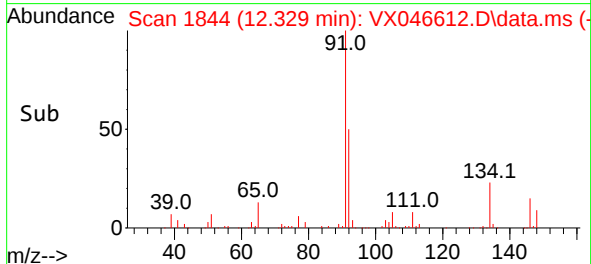
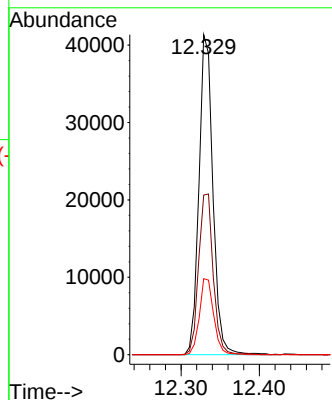
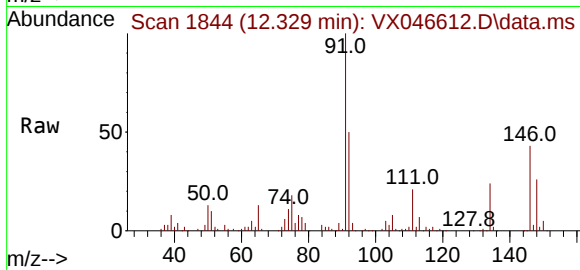
Tgt Ion: 91 Resp: 51365

Ion Ratio Lower Upper

91 100

92 52.3 26.9 80.7

134 24.2 11.8 35.3



#90

Hexachloroethane

Concen: 16.642 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046612.D

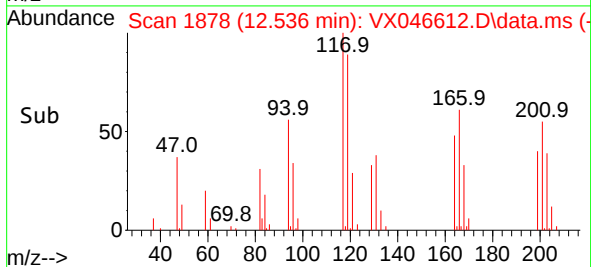
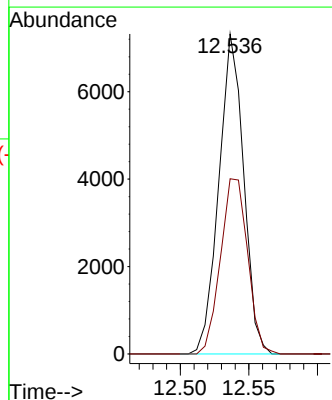
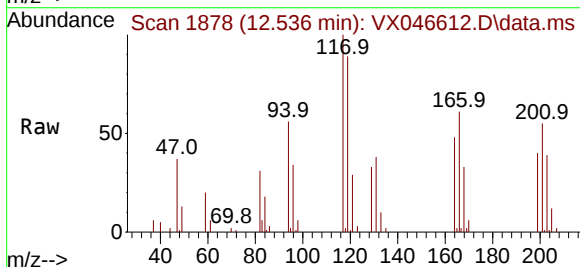
Acq: 10 Jun 2025 18:32

Tgt Ion: 117 Resp: 9201

Ion Ratio Lower Upper

117 100

201 60.1 31.6 94.7

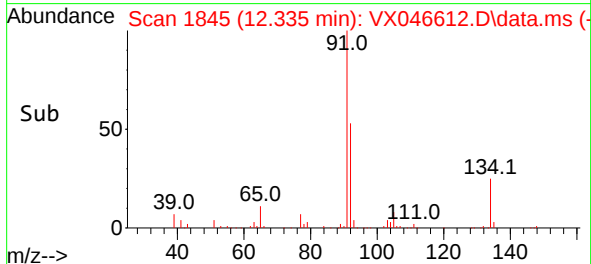
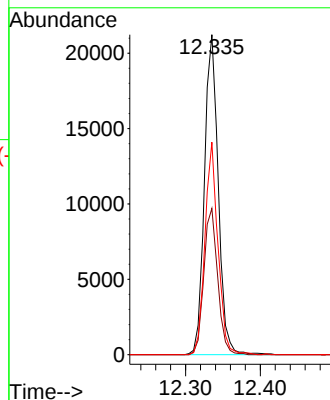
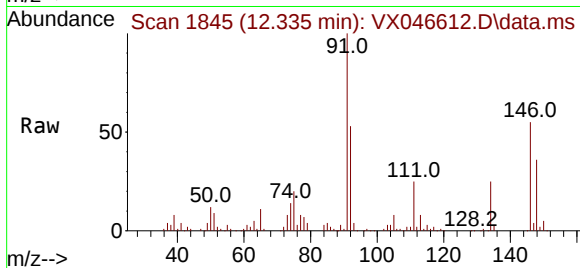




#91  
1,2-Dichlorobenzene  
Concen: 18.271 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

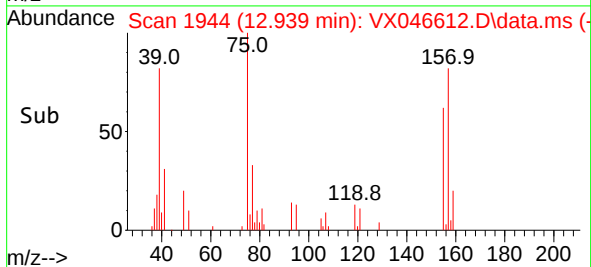
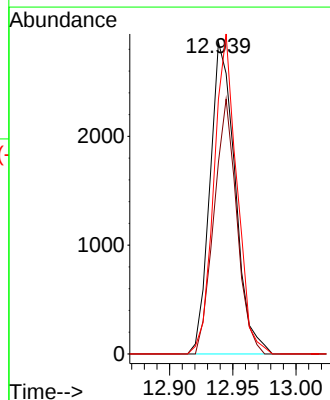
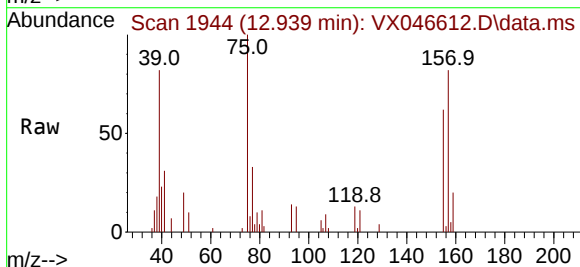
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

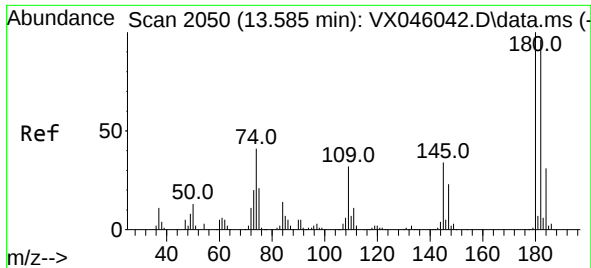
Tgt Ion:146 Resp: 27212  
Ion Ratio Lower Upper  
146 100  
111 45.8 22.4 67.3  
148 62.9 31.6 94.8



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.180 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion: 75 Resp: 3970  
Ion Ratio Lower Upper  
75 100  
155 73.9 34.9 104.8  
157 93.5 43.8 131.4

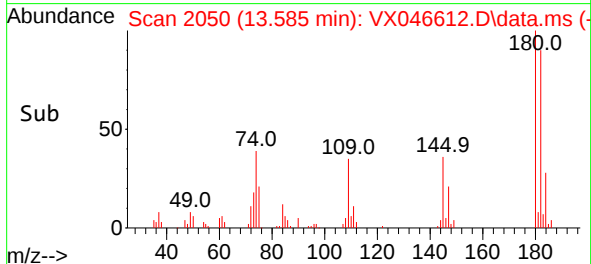
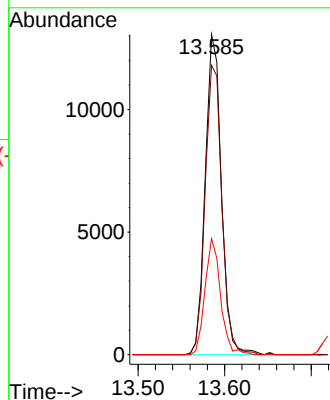
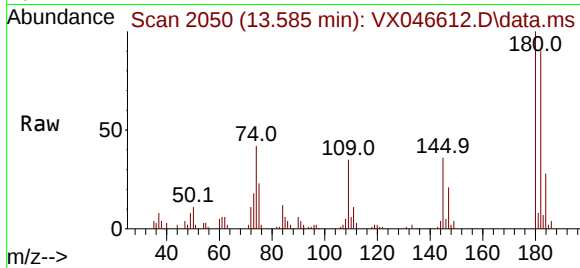




#93  
1,2,4-Trichlorobenzene  
Concen: 16.634 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

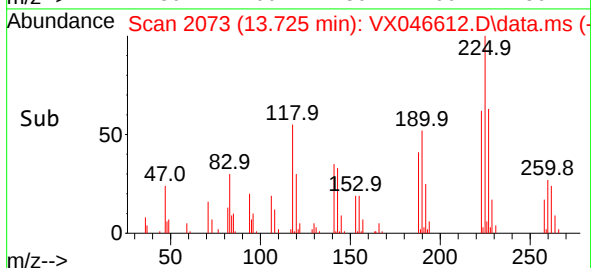
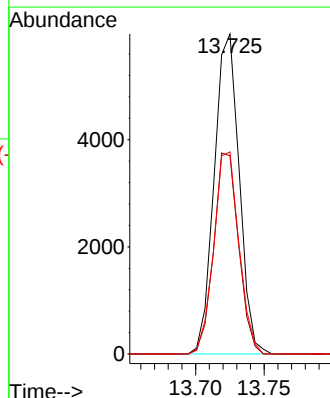
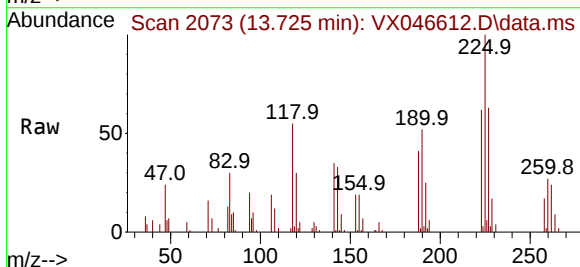
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:180 Resp: 16900  
Ion Ratio Lower Upper  
180 100  
182 93.7 47.9 143.8  
145 35.0 17.1 51.2



#94  
Hexachlorobutadiene  
Concen: 16.027 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX046612.D  
Acq: 10 Jun 2025 18:32

Tgt Ion:225 Resp: 7567  
Ion Ratio Lower Upper  
225 100  
223 62.4 30.8 92.4  
227 63.6 30.9 92.7





#95

Naphthalene

Concen: 16.849 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

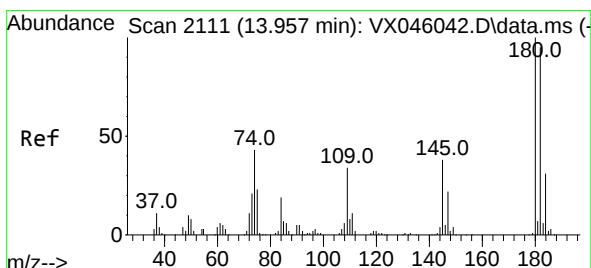
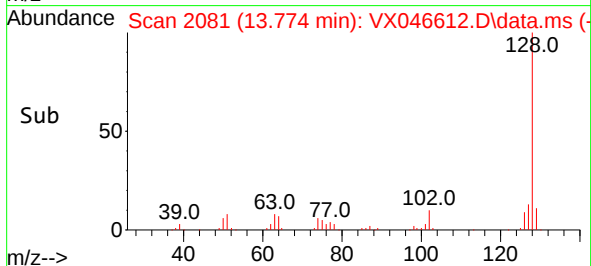
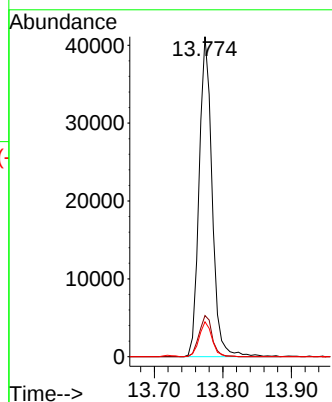
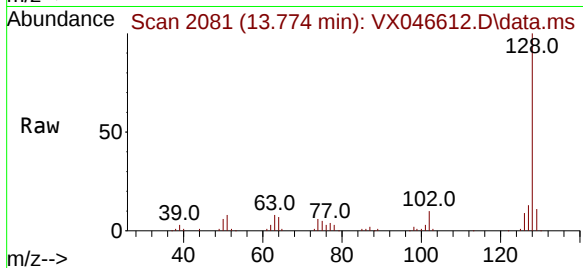
Tgt Ion:128 Resp: 54284

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.709 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046612.D

Acq: 10 Jun 2025 18:32

Tgt Ion:180 Resp: 17022

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 36.3 18.1 54.3

