

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061325\  
 Data File : VX046685.D  
 Acq On : 13 Jun 2025 13:45  
 Operator : JC/MD  
 Sample : VX0613WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0613WBS02

Quant Time: Jun 13 23:27:38 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        | 5.556  | 168   | 70456    | 50.000   | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 119817   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 108883   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 57914    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 58680    | 46.814   | ug/l   | -0.01    |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 93.620%  |
| 35) Dibromofluoromethane     | 5.391  | 113   | 47276    | 53.654   | ug/l   | -0.01    |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 107.300% |
| 50) Toluene-d8               | 8.647  | 98    | 154024   | 53.021   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 106.040% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 66322    | 55.180   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 110.360% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.178  | 85    | 16691    | 17.064   | ug/l   | 98       |
| 3) Chloromethane             | 1.307  | 50    | 14058    | 15.790   | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.386  | 62    | 14163    | 15.958   | ug/l   | 100      |
| 5) Bromomethane              | 1.624  | 94    | 4484     | 8.322    | ug/l   | 93       |
| 6) Chloroethane              | 1.703  | 64    | 10209    | 17.729   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.904  | 101   | 26378    | 17.963   | ug/l   | 100      |
| 8) Diethyl Ether             | 2.142  | 74    | 9609     | 18.520   | ug/l   | 85       |
| 9) 1,1,2-Trichlorotrifluo... | 2.343  | 101   | 18396    | 19.884   | ug/l   | 95       |
| 10) Methyl Iodide            | 2.465  | 142   | 9237     | 9.210    | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.965  | 59    | 13171    | 94.694   | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.331  | 96    | 15913    | 19.024   | ug/l   | 92       |
| 13) Acrolein                 | 2.245  | 56    | 9064     | 77.420   | ug/l   | 99       |
| 14) Allyl chloride           | 2.678  | 41    | 30613    | 18.635   | ug/l   | 91       |
| 15) Acrylonitrile            | 3.074  | 53    | 52797    | 100.395  | ug/l   | 99       |
| 16) Acetone                  | 2.386  | 43    | 43754    | 91.850   | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.526  | 76    | 32725    | 18.553   | ug/l # | 94       |
| 18) Methyl Acetate           | 2.715  | 43    | 31390    | 21.024   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 3.123  | 73    | 60380    | 20.629   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.800  | 84    | 19357    | 19.249   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 3.111  | 96    | 16422    | 18.551   | ug/l   | 85       |
| 22) Diisopropyl ether        | 3.769  | 45    | 65781    | 20.310   | ug/l # | 66       |
| 23) Vinyl Acetate            | 3.733  | 43    | 244447   | 97.756   | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 3.623  | 63    | 35201    | 19.501   | ug/l   | 99       |
| 25) 2-Butanone               | 4.562  | 43    | 65694    | 94.146   | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.483  | 77    | 26812    | 20.008   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.507  | 96    | 22231    | 20.400   | ug/l   | 91       |
| 28) Bromochloromethane       | 4.910  | 49    | 24962    | 28.993   | ug/l   | 91       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 41904    | 95.090   | ug/l   | 99       |
| 30) Chloroform               | 5.111  | 83    | 38816    | 20.523   | ug/l   | 100      |
| 31) Cyclohexane              | 5.483  | 56    | 27779    | 19.063   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 31961    | 19.755   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.702  | 75    | 23491    | 18.664   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.727  | 43    | 21550    | 17.543   | ug/l # | 94       |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 26986    | 19.143   | ug/l   | 94       |
| 39) Methylcyclohexane        | 7.385  | 83    | 27309    | 18.382   | ug/l   | 98       |
| 40) Benzene                  | 6.043  | 78    | 73107    | 20.633   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061325\  
 Data File : VX046685.D  
 Acq On : 13 Jun 2025 13:45  
 Operator : JC/MD  
 Sample : VX0613WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0613WBS02

Quant Time: Jun 13 23:27:38 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         | 4.934  | 41   | 15121    | 19.822  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 29370    | 19.924  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 43227    | 20.185  | ug/l   | 99       |
| 44) Trichloroethene           | 7.129  | 130  | 18128    | 20.136  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 19281    | 21.082  | ug/l   | 95       |
| 46) Dibromomethane            | 7.586  | 93   | 14589    | 21.204  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 30989    | 21.905  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 22318    | 20.255  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 6699     | 454.640 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 144159   | 105.932 | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 47033    | 21.606  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 26554    | 20.935  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 29705    | 21.063  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 20354    | 23.292  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 29012    | 21.574  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 33749    | 21.854  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 85354    | 116.525 | ug/l   | 96       |
| 59) 2-Hexanone                | 9.427  | 43   | 101993   | 104.502 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.518  | 129  | 23317    | 22.684  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 19907    | 21.861  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 15297    | 21.010  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 53741    | 20.986  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 19684    | 22.747  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 92007    | 20.581  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 70532    | 43.493  | ug/l   | 96       |
| 69) o-Xylene                  | 10.640 | 106  | 34440    | 21.956  | ug/l   | 97       |
| 70) Styrene                   | 10.652 | 104  | 60084    | 22.377  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 15237    | 23.093  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.963 | 105  | 94541    | 20.766  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 40078    | 19.990  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 31701    | 21.754  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 32371    | 26.389  | ug/l   | 88       |
| 77) Bromobenzene              | 11.195 | 156  | 22654    | 21.438  | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 111649   | 20.262  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 68354    | 20.571  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 78813    | 20.775  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 7850     | 18.460  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 79949    | 20.299  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 80342    | 20.804  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 79571    | 20.733  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 103234   | 20.804  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 86035    | 20.797  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 43622    | 21.259  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 43183    | 20.310  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 82450    | 20.295  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 14114    | 19.196  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 42603    | 21.509  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 6515     | 19.965  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 28086    | 20.787  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 12529    | 19.953  | ug/l   | 100      |
| 95) Naphthalene               | 13.774 | 128  | 88699    | 20.701  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 26971    | 19.907  | ug/l   | 99       |

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Operator : JC/MD  
Sample : VX0613WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Quant Time: Jun 13 23:27:38 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

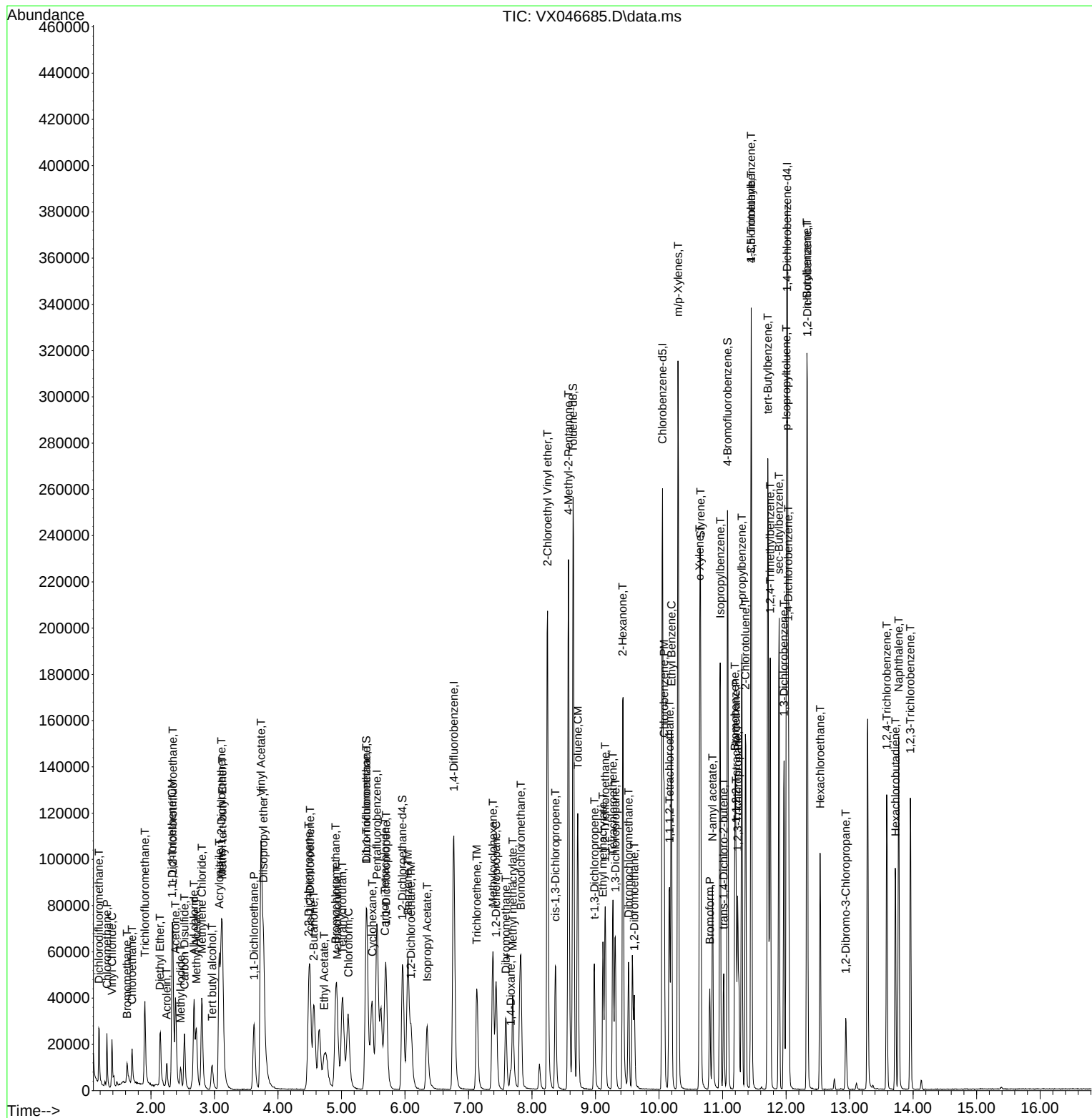
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

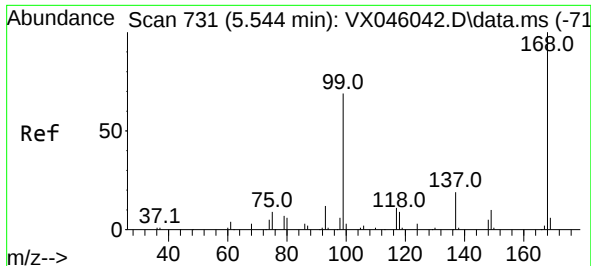
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061325\  
 Data File : VX046685.D  
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 Operator : JC/MD  
 Sample : VX0613WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0613WBS02

Quant Time: Jun 13 23:27:38 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

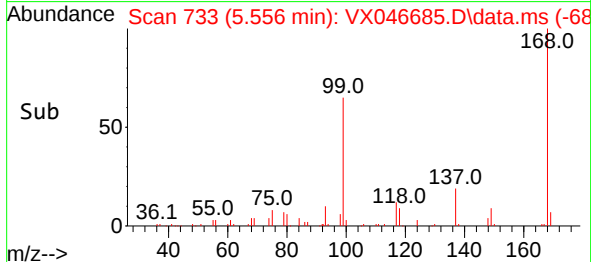
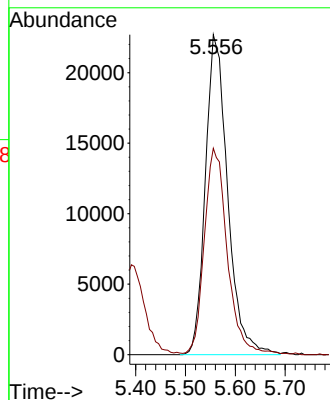
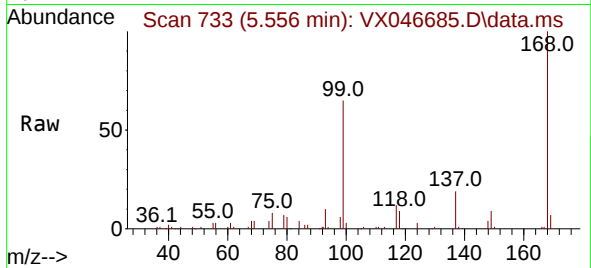




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

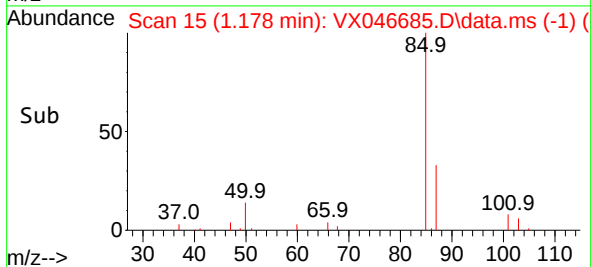
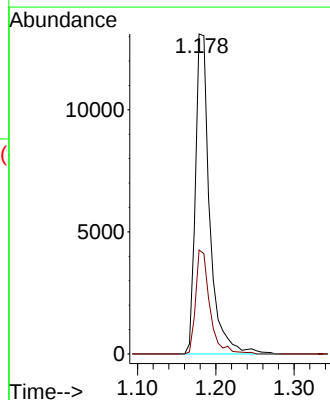
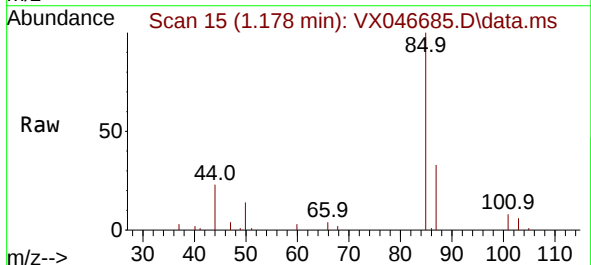
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

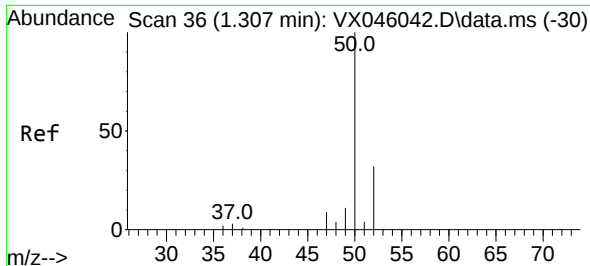
Tgt Ion:168 Resp: 70456  
Ion Ratio Lower Upper  
168 100  
99 64.2 54.9 82.3



#2  
Dichlorodifluoromethane  
Concen: 17.064 ug/l  
RT: 1.178 min Scan# 15  
Delta R.T. -0.007 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 85 Resp: 16691  
Ion Ratio Lower Upper  
85 100  
87 32.5 15.7 47.1

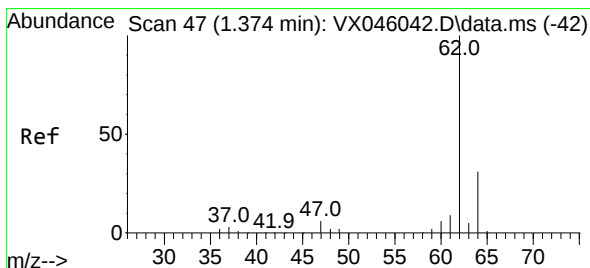
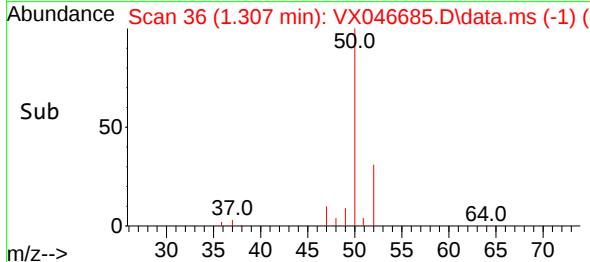
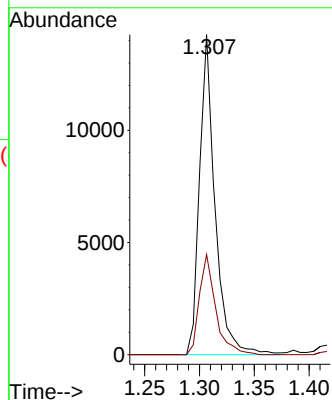
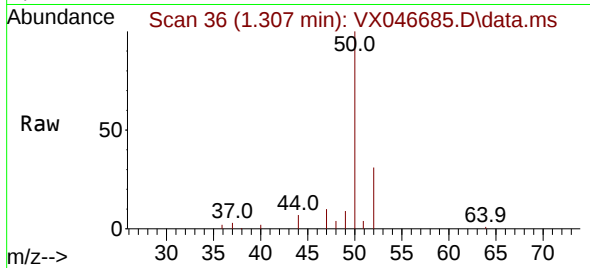




#3  
Chloromethane  
Concen: 15.790 ug/l  
RT: 1.307 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

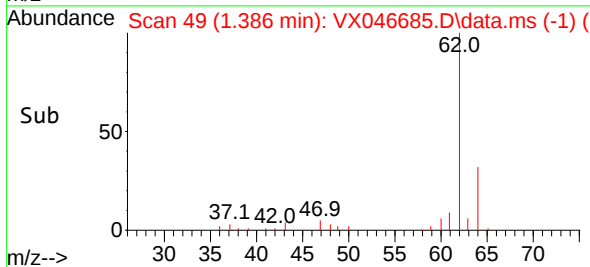
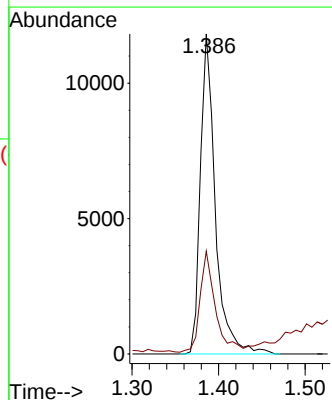
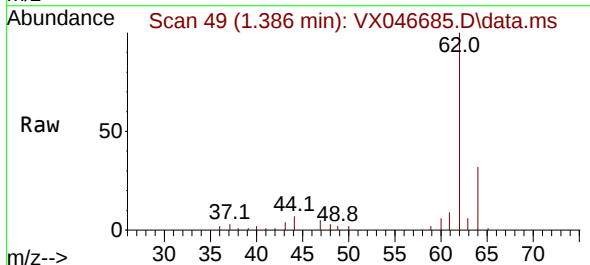
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion: 50 Resp: 14058  
Ion Ratio Lower Upper  
50 100  
52 31.3 25.4 38.2



#4  
Vinyl Chloride  
Concen: 15.958 ug/l  
RT: 1.386 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 62 Resp: 14163  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.2 37.8

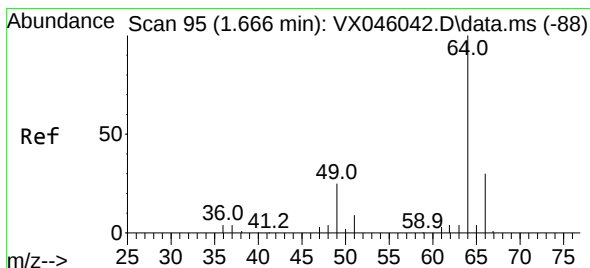
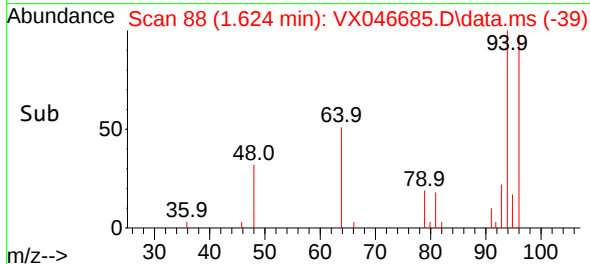
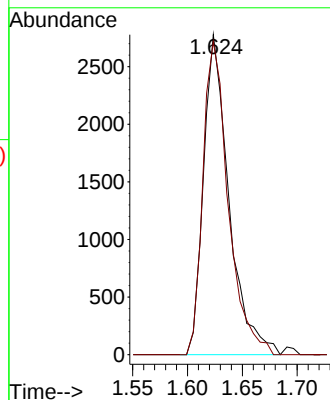
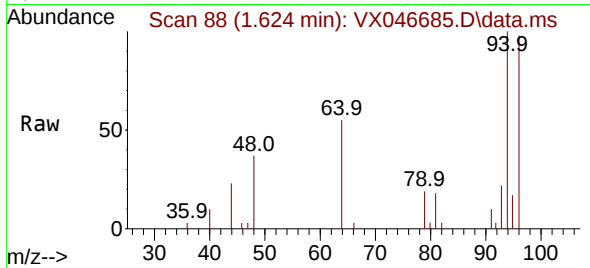




#5  
Bromomethane  
Concen: 8.322 ug/l  
RT: 1.624 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

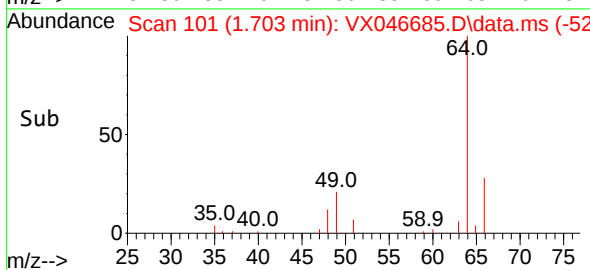
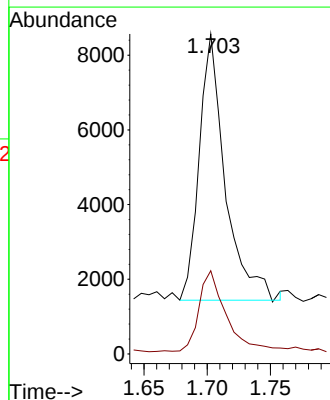
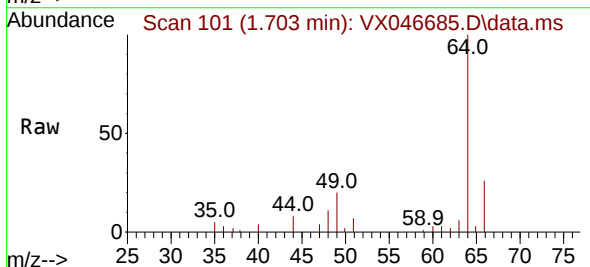
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion: 94 Resp: 4484  
Ion Ratio Lower Upper  
94 100  
96 97.8 72.8 109.2



#6  
Chloroethane  
Concen: 17.729 ug/l  
RT: 1.703 min Scan# 101  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 64 Resp: 10209  
Ion Ratio Lower Upper  
64 100  
66 30.1 24.3 36.5

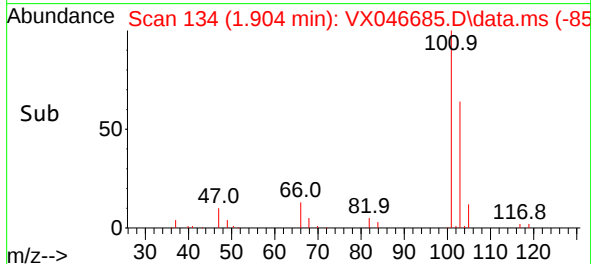
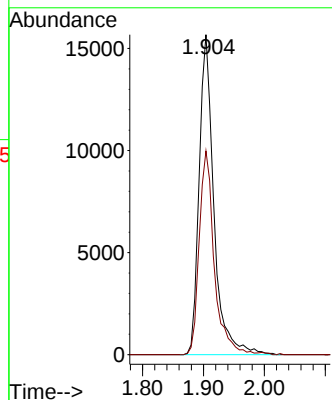
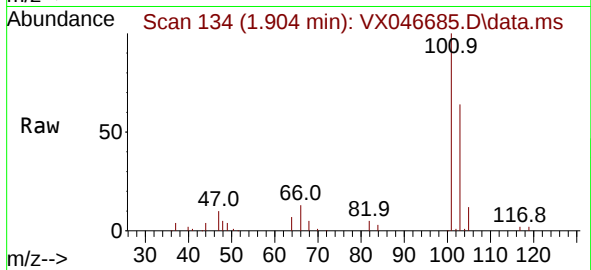




#7  
Trichlorofluoromethane  
Concen: 17.963 ug/l  
RT: 1.904 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

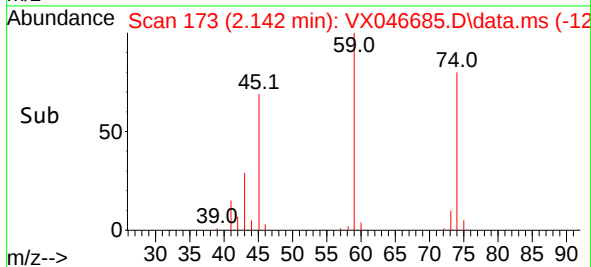
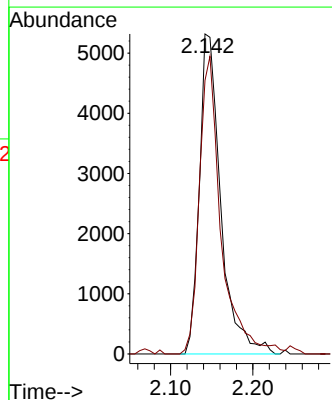
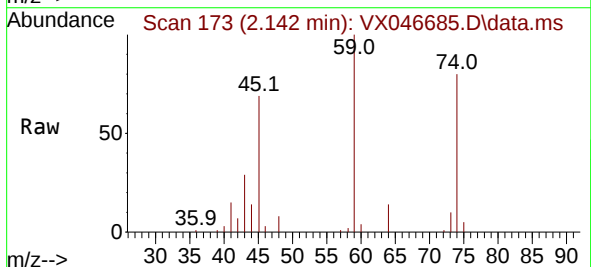
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

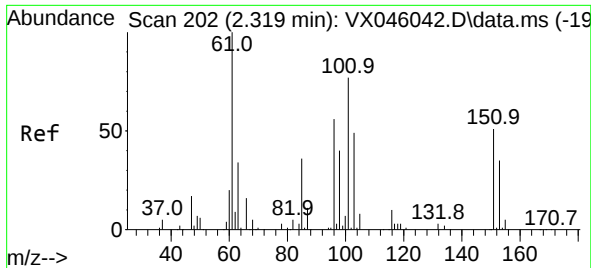
Tgt Ion:101 Resp: 26378  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.0 76.4



#8  
Diethyl Ether  
Concen: 18.520 ug/l  
RT: 2.142 min Scan# 173  
Delta R.T. -0.012 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 74 Resp: 9609  
Ion Ratio Lower Upper  
74 100  
45 94.5 54.9 164.8

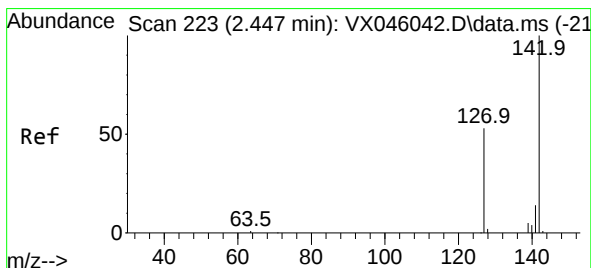
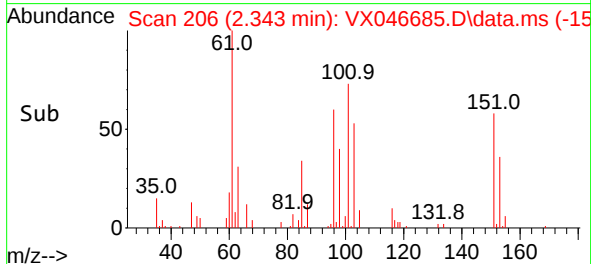
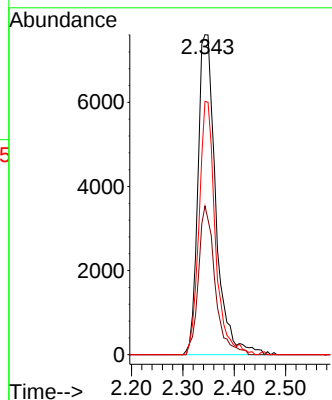
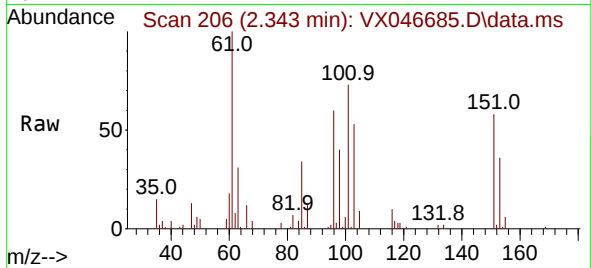




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.884 ug/l  
RT: 2.343 min Scan# 206  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

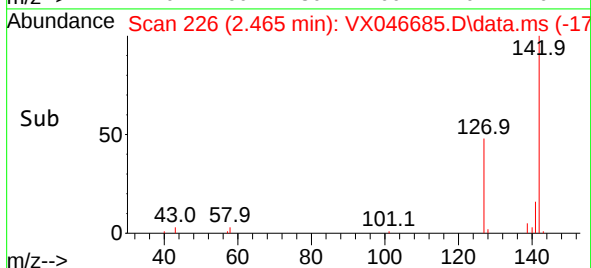
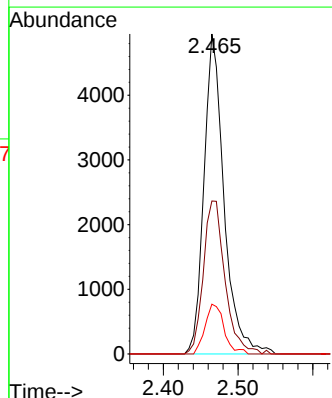
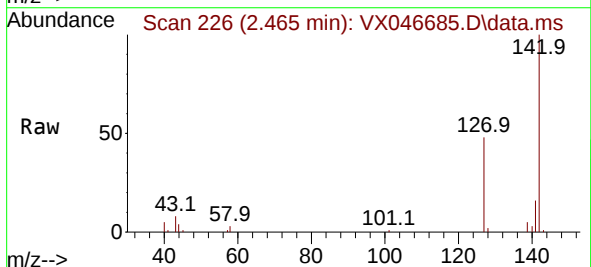
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion:101 Resp: 18396  
Ion Ratio Lower Upper  
101 100  
85 43.1 38.6 58.0  
151 71.8 55.2 82.8



#10  
Methyl Iodide  
Concen: 9.210 ug/l  
RT: 2.465 min Scan# 226  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion:142 Resp: 9237  
Ion Ratio Lower Upper  
142 100  
127 51.7 41.7 62.5  
141 14.8 11.5 17.3

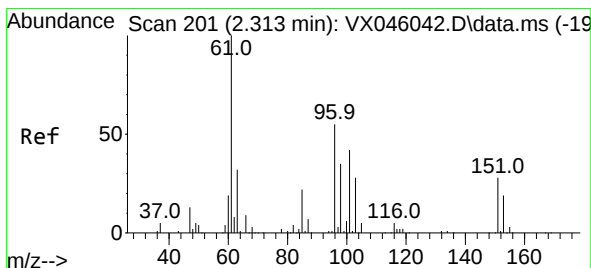
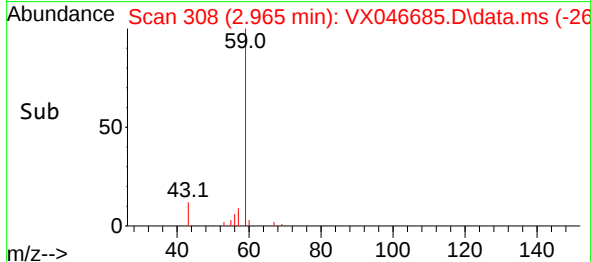
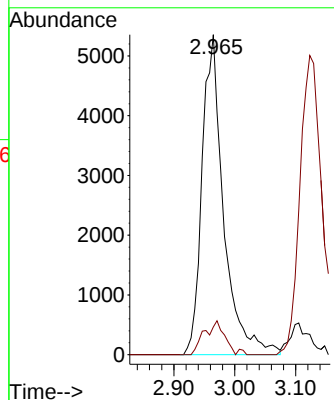
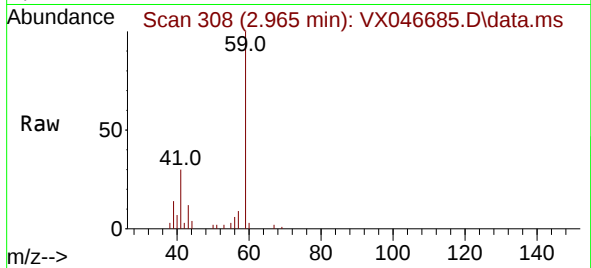




#11  
Tert butyl alcohol  
Concen: 94.694 ug/l  
RT: 2.965 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

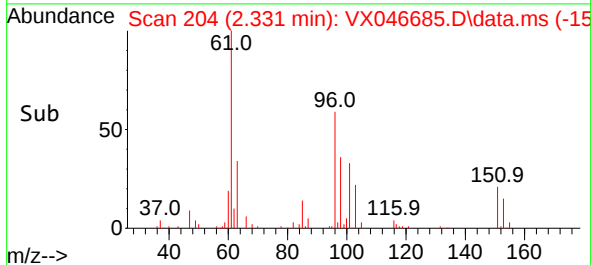
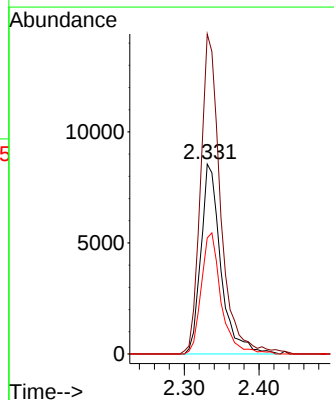
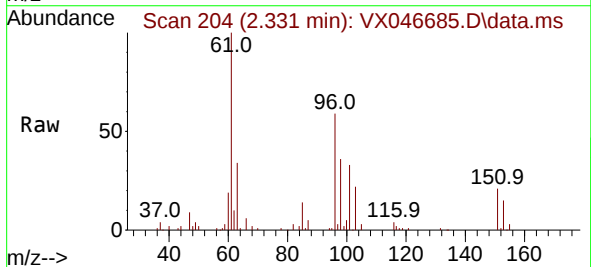
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

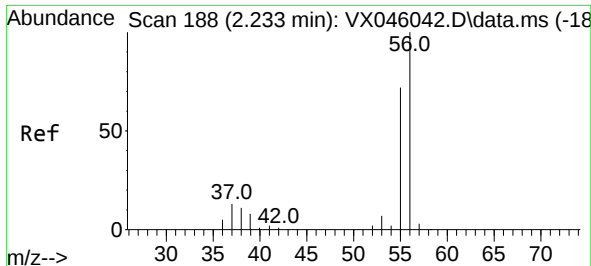
Tgt Ion: 59 Resp: 13171  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 19.024 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 96 Resp: 15913  
Ion Ratio Lower Upper  
96 100  
61 168.4 146.2 219.2  
98 61.0 51.0 76.6





#13

Acrolein

Concen: 77.420 ug/l

RT: 2.245 min Scan# 190

Delta R.T. -0.006 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

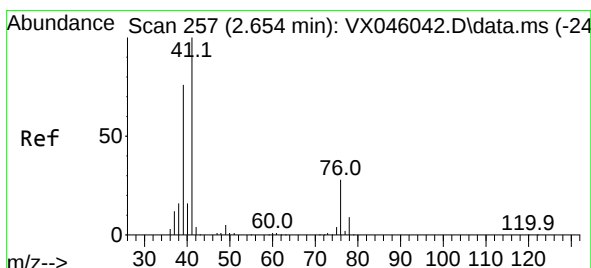
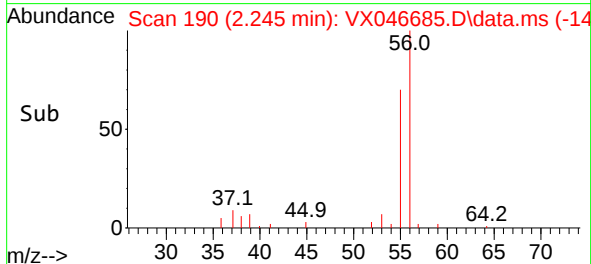
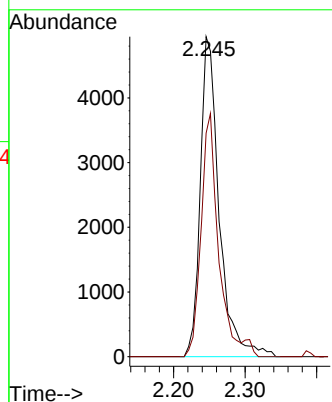
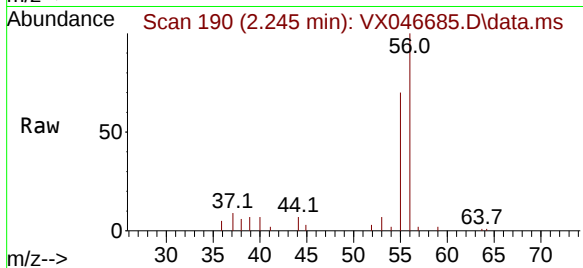
VX0613WBS02

Tgt Ion: 56 Resp: 9064

Ion Ratio Lower Upper

56 100

55 71.2 56.2 84.4



#14

Allyl chloride

Concen: 18.635 ug/l

RT: 2.678 min Scan# 261

Delta R.T. -0.006 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

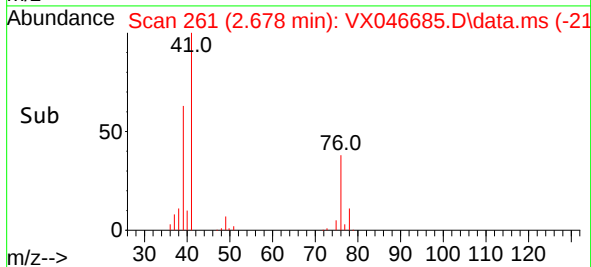
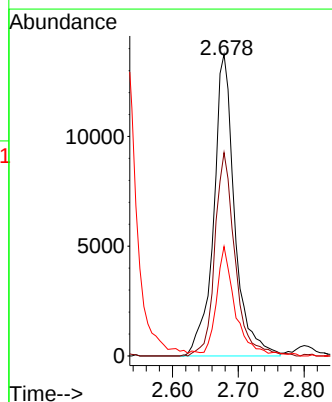
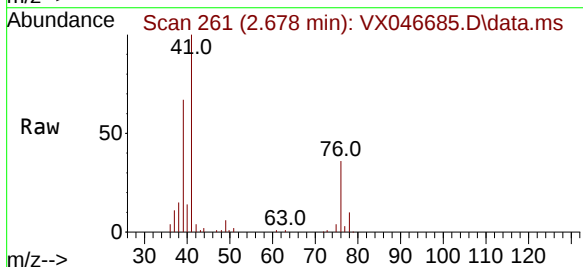
Tgt Ion: 41 Resp: 30613

Ion Ratio Lower Upper

41 100

39 65.0 60.6 90.8

76 31.0 24.9 37.3

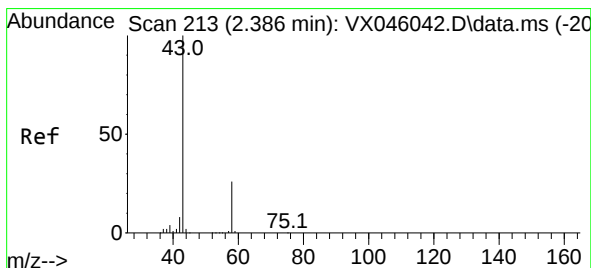
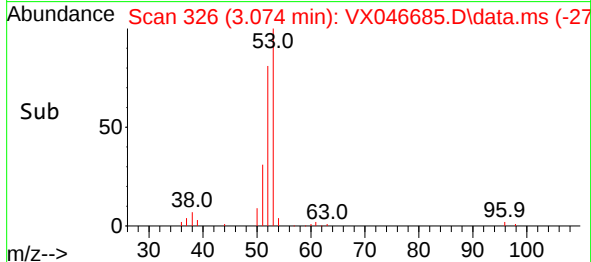
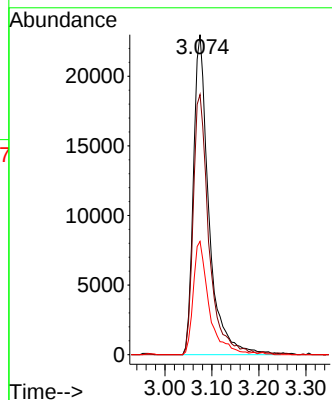
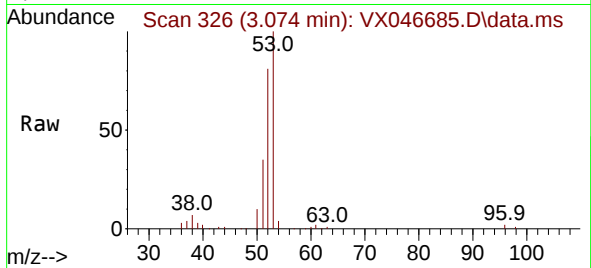




#15  
Acrylonitrile  
Concen: 100.395 ug/l  
RT: 3.074 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

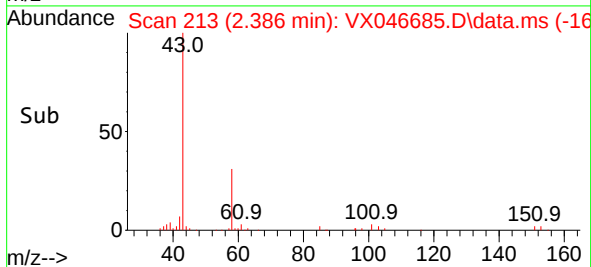
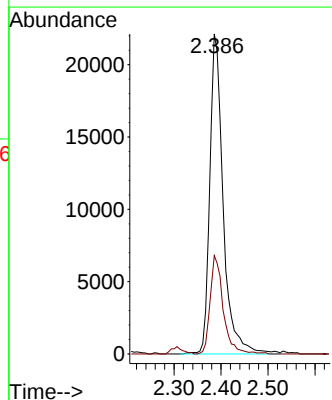
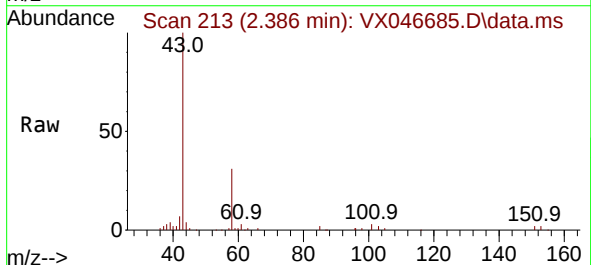
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

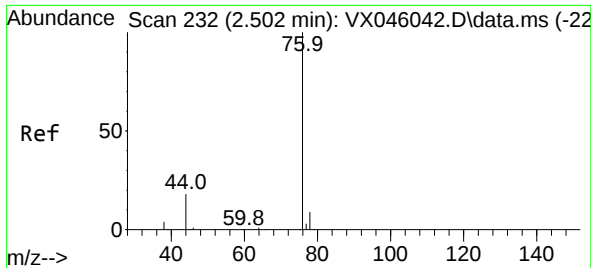
Tgt Ion: 53 Resp: 52797  
Ion Ratio Lower Upper  
53 100  
52 82.9 65.3 97.9  
51 36.4 29.8 44.8



#16  
Acetone  
Concen: 91.850 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 43 Resp: 43754  
Ion Ratio Lower Upper  
43 100  
58 30.8 21.2 31.8





#17

Carbon Disulfide

Concen: 18.553 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

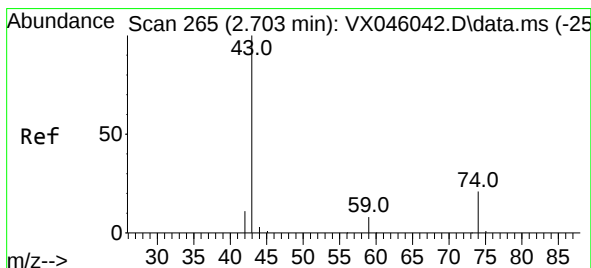
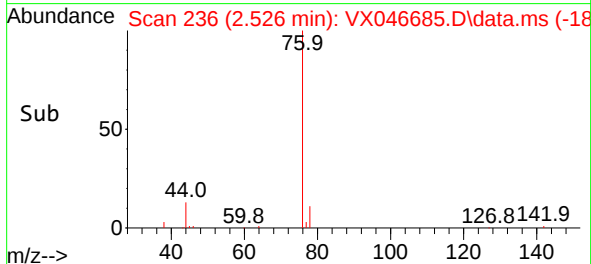
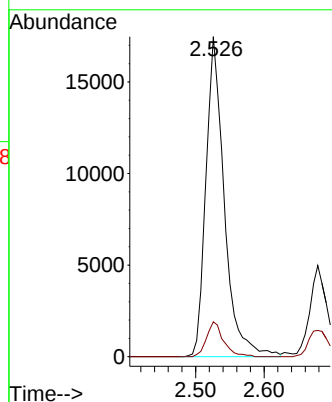
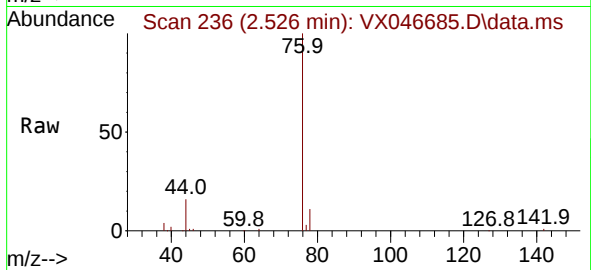
VX0613WBS02

Tgt Ion: 76 Resp: 32725

Ion Ratio Lower Upper

76 100

78 10.9 7.0 10.4#



#18

Methyl Acetate

Concen: 21.024 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.006 min

Lab File: VX046685.D

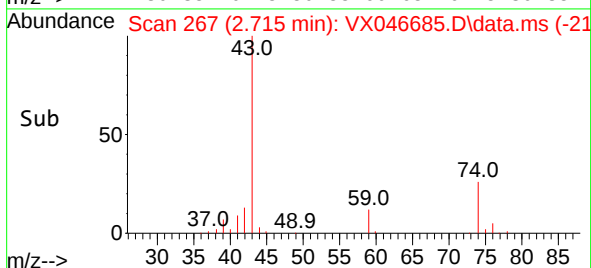
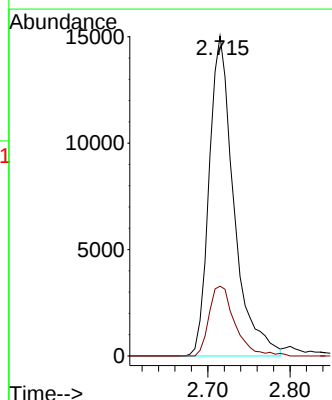
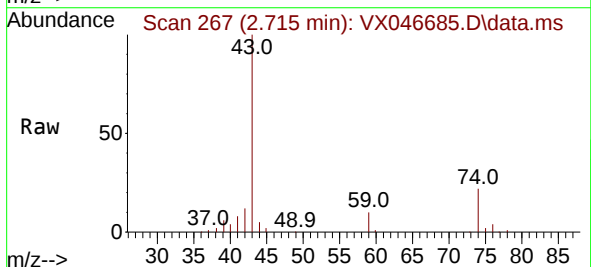
Acq: 13 Jun 2025 13:45

Tgt Ion: 43 Resp: 31390

Ion Ratio Lower Upper

43 100

74 22.8 16.7 25.1

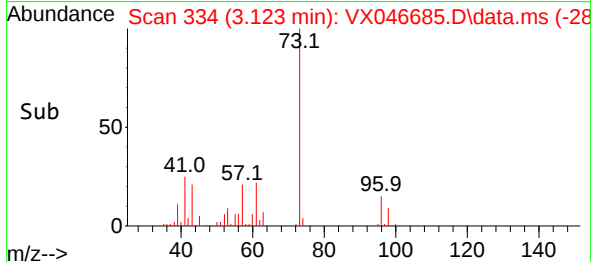
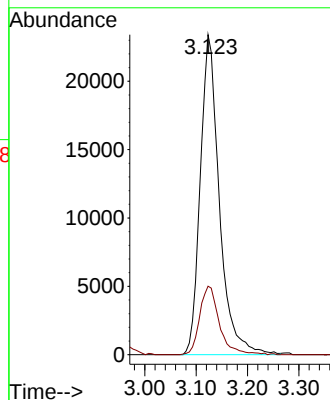
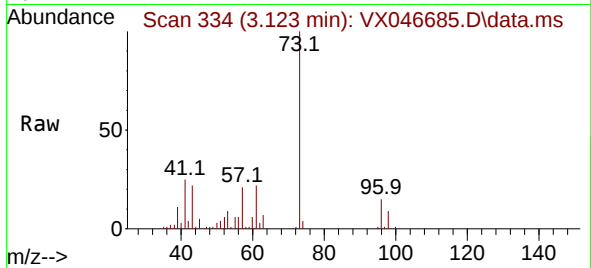




#19  
Methyl tert-butyl Ether  
Concen: 20.629 ug/l  
RT: 3.123 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

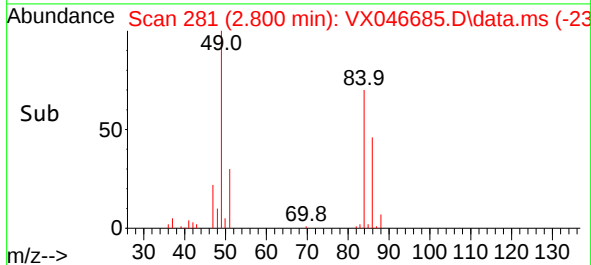
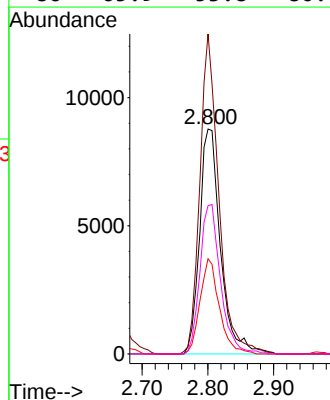
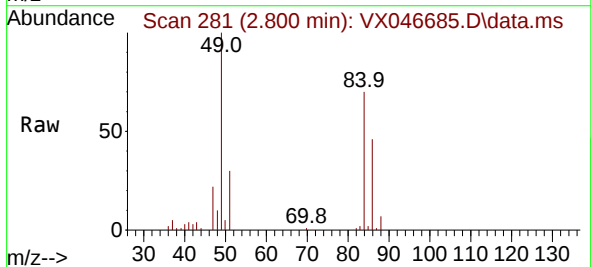
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion: 73 Resp: 60380  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.7 26.5



#20  
Methylene Chloride  
Concen: 19.249 ug/l  
RT: 2.800 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 84 Resp: 19357  
Ion Ratio Lower Upper  
84 100  
49 142.2 113.9 170.9  
51 42.3 33.5 50.3  
86 65.9 53.8 80.8

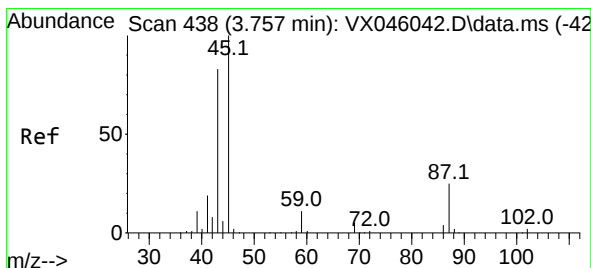
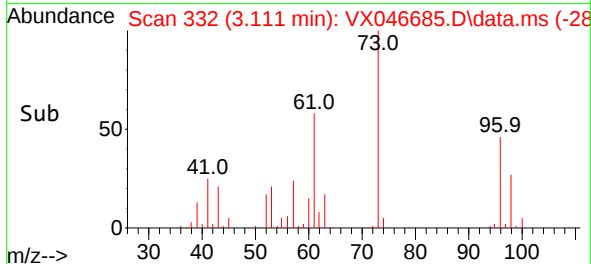
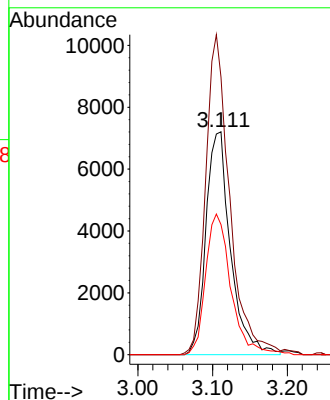
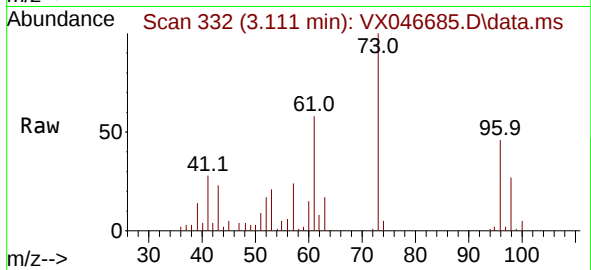




#21  
trans-1,2-Dichloroethene  
Concen: 18.551 ug/l  
RT: 3.111 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

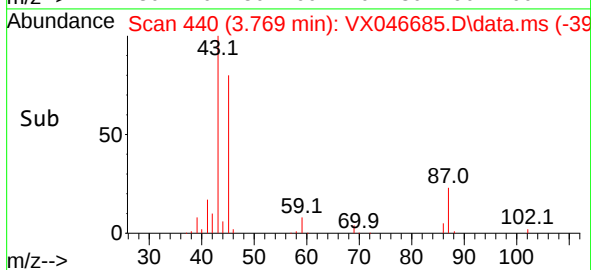
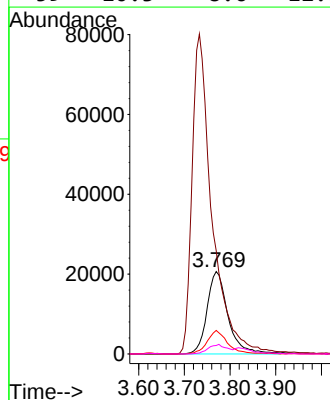
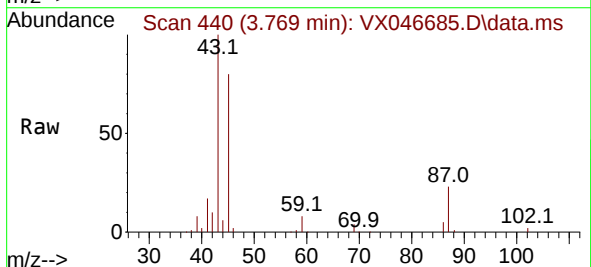
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion: 96 Resp: 16422  
Ion Ratio Lower Upper  
96 100  
61 124.5 119.5 179.3  
98 58.3 50.0 75.0



#22  
Diisopropyl ether  
Concen: 20.310 ug/l  
RT: 3.769 min Scan# 440  
Delta R.T. -0.013 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 45 Resp: 65781  
Ion Ratio Lower Upper  
45 100  
43 124.3 66.6 100.0#  
87 28.6 19.8 29.6  
59 10.3 8.6 12.8

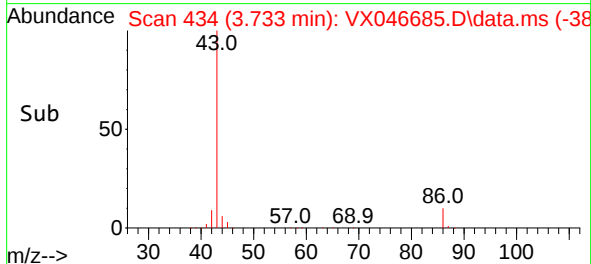
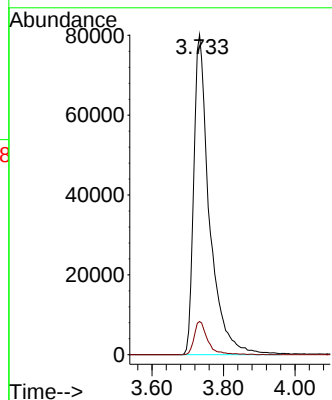
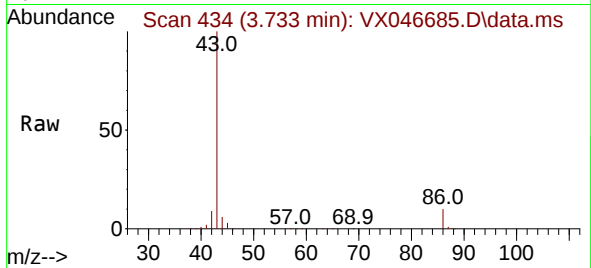




#23  
 Vinyl Acetate  
 Concen: 97.756 ug/l  
 RT: 3.733 min Scan# 416  
 Delta R.T. -0.006 min  
 Lab File: VX046685.D  
 Acq: 13 Jun 2025 13:45

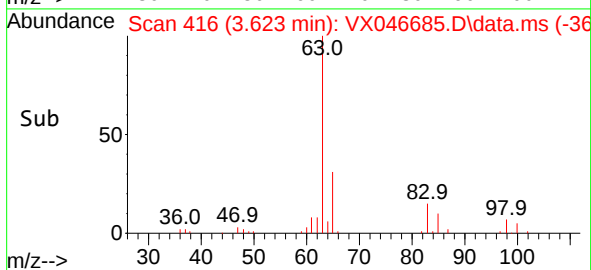
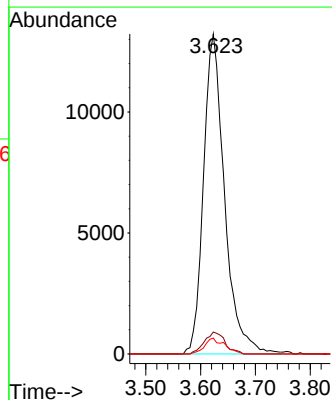
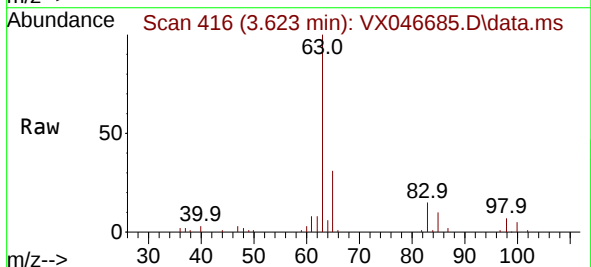
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0613WBS02

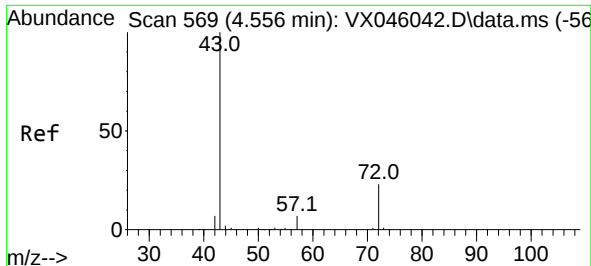
Tgt Ion: 43 Resp: 244447  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 19.501 ug/l  
 RT: 3.623 min Scan# 416  
 Delta R.T. -0.006 min  
 Lab File: VX046685.D  
 Acq: 13 Jun 2025 13:45

Tgt Ion: 63 Resp: 35201  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.6 10.8  
 100 4.9 2.1 6.3





#25

2-Butanone

Concen: 94.146 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

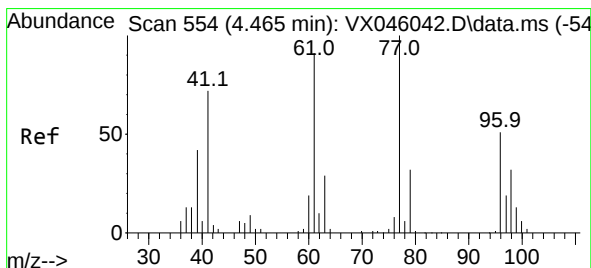
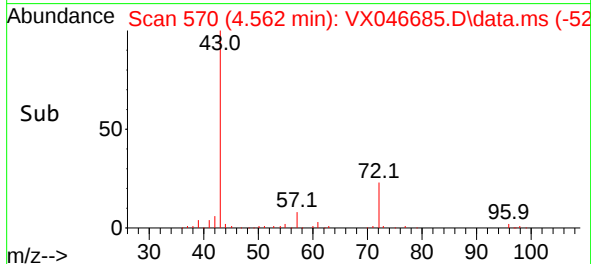
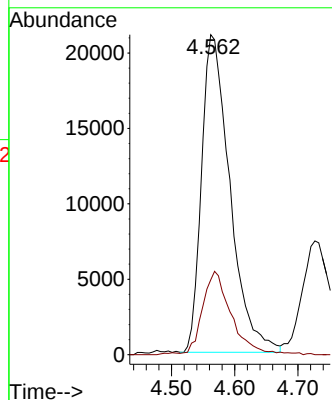
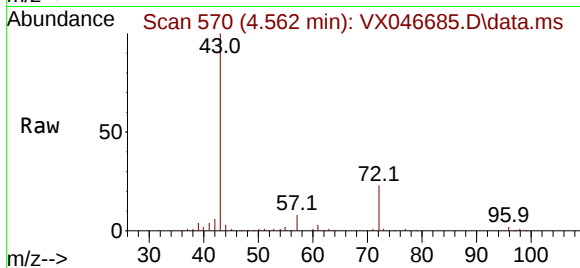
VX0613WBS02

Tgt Ion: 43 Resp: 65694

Ion Ratio Lower Upper

43 100

72 23.2 18.4 27.6



#26

2,2-Dichloropropane

Concen: 20.008 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX046685.D

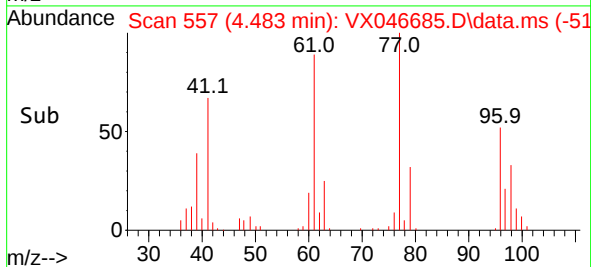
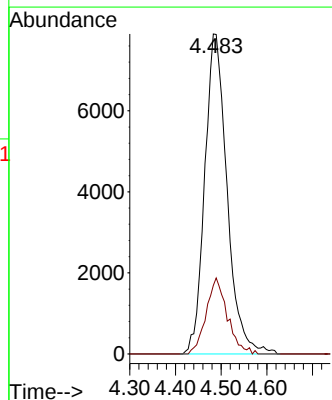
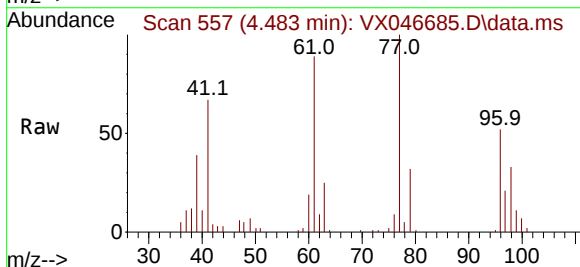
Acq: 13 Jun 2025 13:45

Tgt Ion: 77 Resp: 26812

Ion Ratio Lower Upper

77 100

97 22.5 10.5 31.5

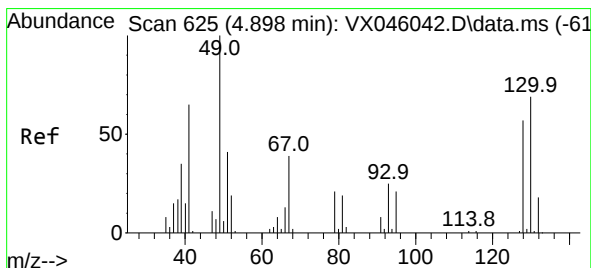
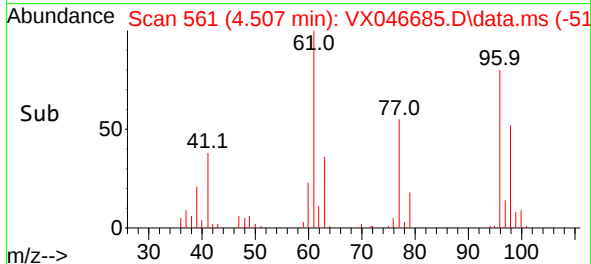
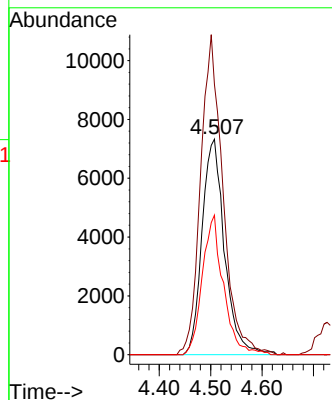
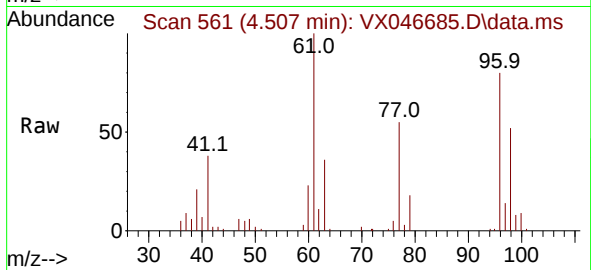




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.400 ug/l  
 RT: 4.507 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX046685.D  
 Acq: 13 Jun 2025 13:45

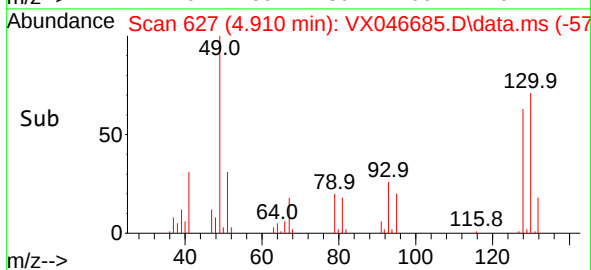
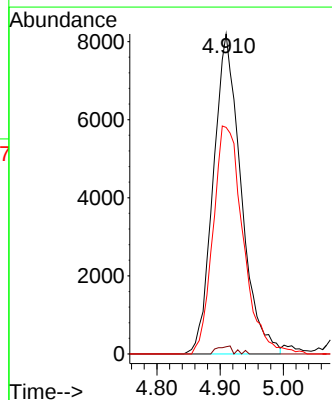
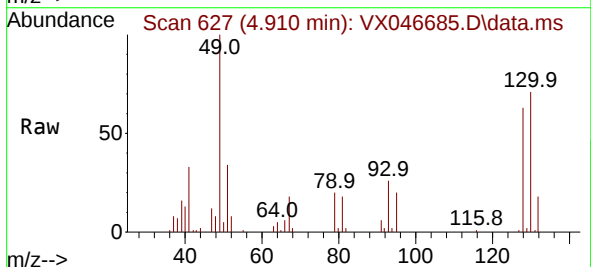
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0613WBS02

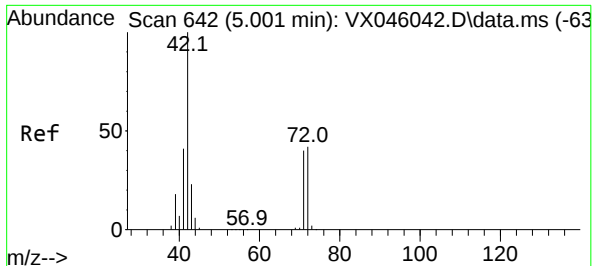
Tgt Ion: 96 Resp: 22231  
 Ion Ratio Lower Upper  
 96 100  
 61 147.7 0.0 322.8  
 98 61.0 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 28.993 ug/l  
 RT: 4.910 min Scan# 627  
 Delta R.T. -0.006 min  
 Lab File: VX046685.D  
 Acq: 13 Jun 2025 13:45

Tgt Ion: 49 Resp: 24962  
 Ion Ratio Lower Upper  
 49 100  
 129 1.5 0.0 4.0  
 130 77.4 56.2 84.2





#29

Tetrahydrofuran

Concen: 95.090 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0613WBS02

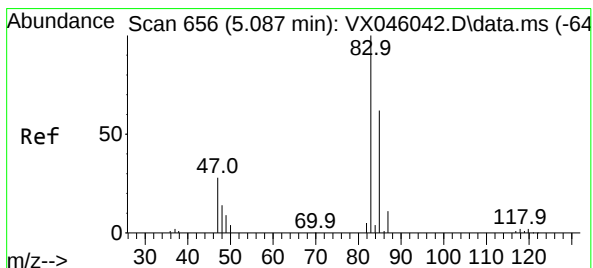
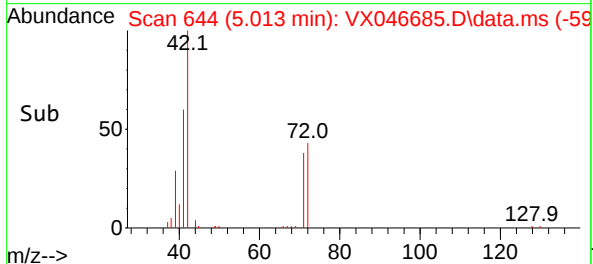
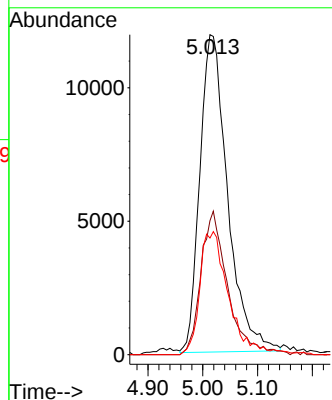
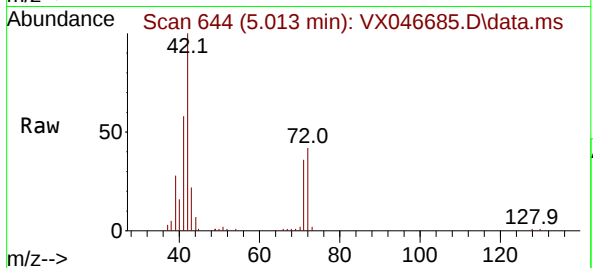
Tgt Ion: 42 Resp: 41904

Ion Ratio Lower Upper

42 100

72 43.5 33.7 50.5

71 39.3 31.4 47.2



#30

Chloroform

Concen: 20.523 ug/l

RT: 5.111 min Scan# 660

Delta R.T. -0.000 min

Lab File: VX046685.D

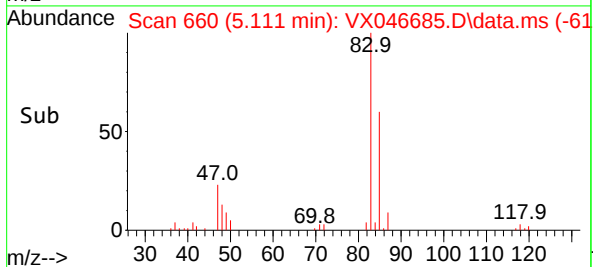
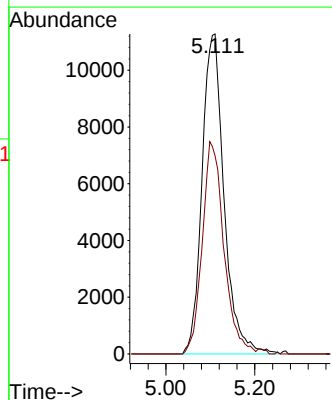
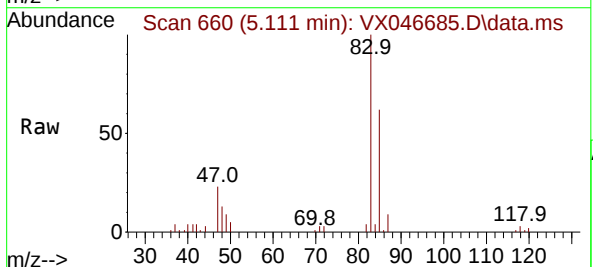
Acq: 13 Jun 2025 13:45

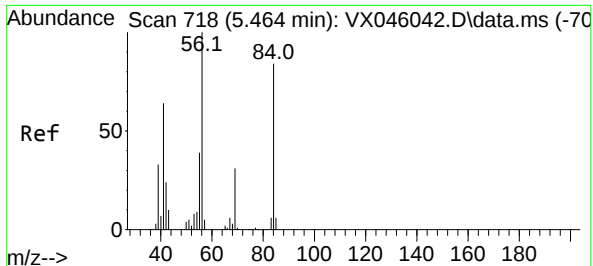
Tgt Ion: 83 Resp: 38816

Ion Ratio Lower Upper

83 100

85 61.9 49.3 73.9

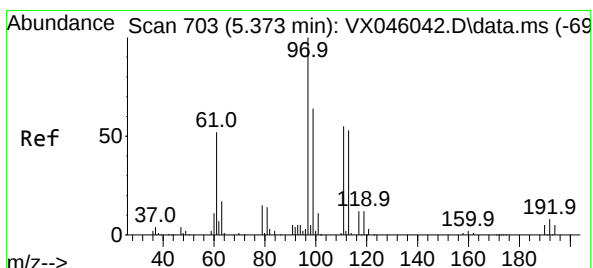
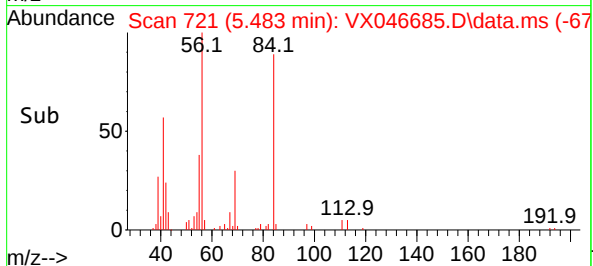
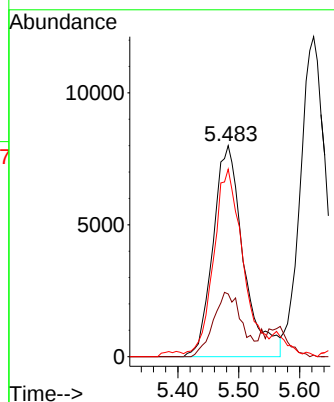
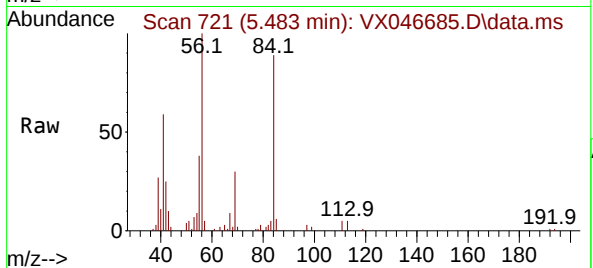




#31  
Cyclohexane  
Concen: 19.063 ug/l  
RT: 5.483 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

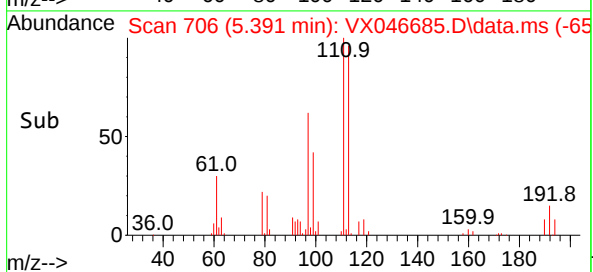
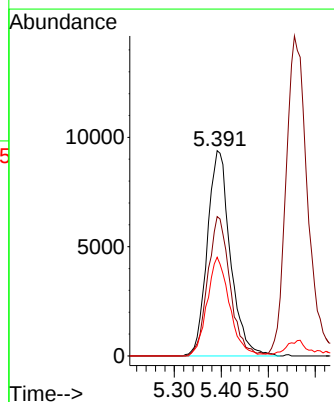
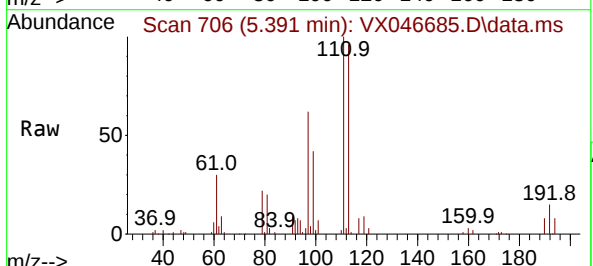
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

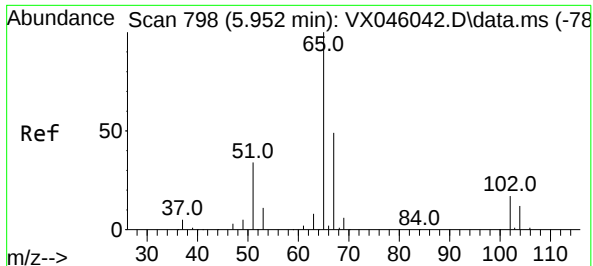
Tgt Ion: 56 Resp: 27779  
Ion Ratio Lower Upper  
56 100  
69 29.7 24.4 36.6  
84 86.8 66.9 100.3



#32  
1,1,1-Trichloroethane  
Concen: 19.755 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 97 Resp: 31961  
Ion Ratio Lower Upper  
97 100  
99 65.9 51.8 77.6  
61 46.8 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 46.814 ug/l

RT: 5.958 min Scan# 798

Delta R.T. -0.012 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

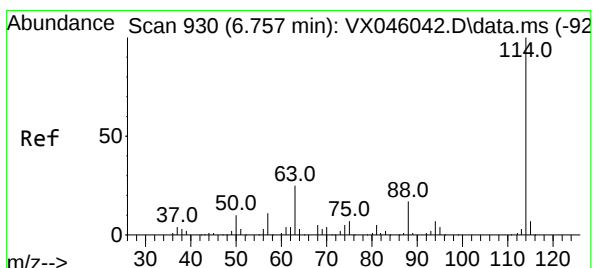
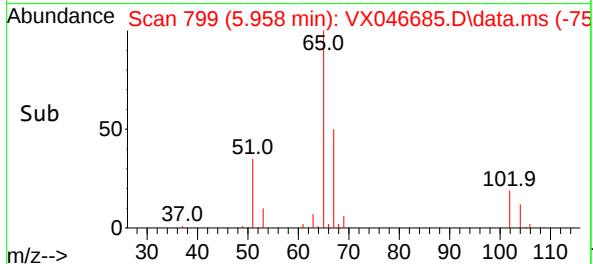
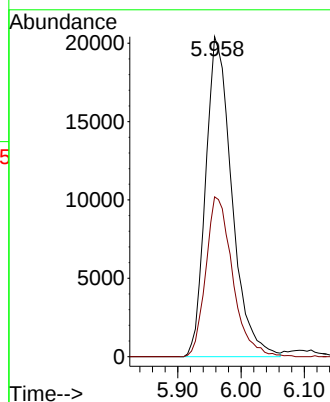
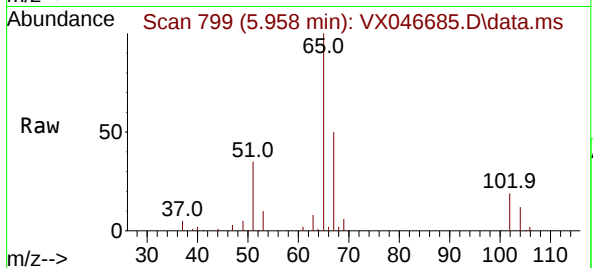
VX0613WBS02

Tgt Ion: 65 Resp: 58680

Ion Ratio Lower Upper

65 100

67 51.1 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: VX046685.D

Acq: 13 Jun 2025 13:45

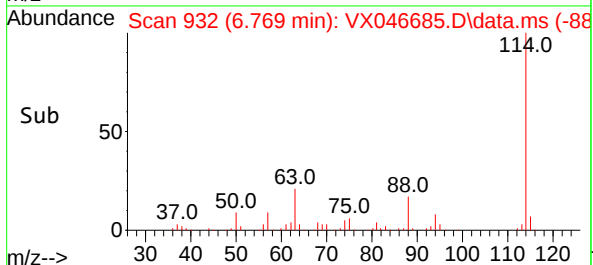
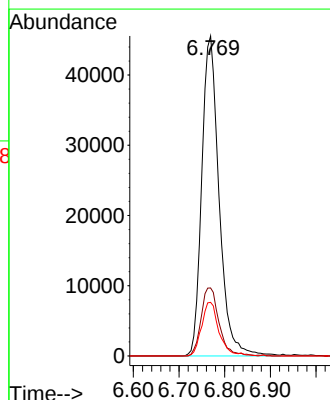
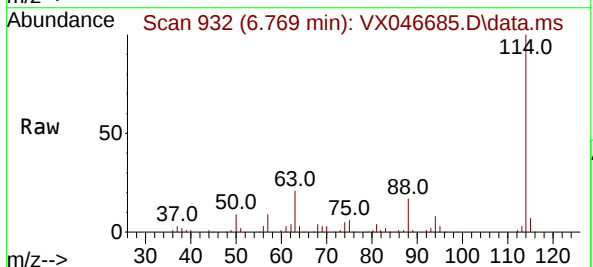
Tgt Ion: 114 Resp: 119817

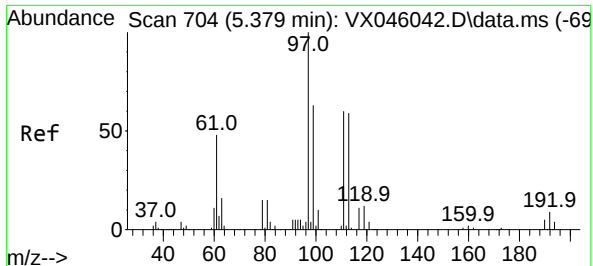
Ion Ratio Lower Upper

114 100

63 21.2 0.0 49.2

88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 53.654 ug/l

RT: 5.391 min Scan# 704

Delta R.T. -0.012 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0613WBS02

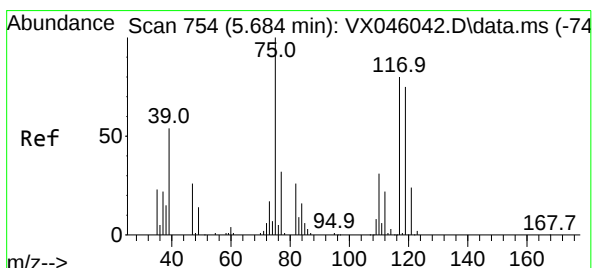
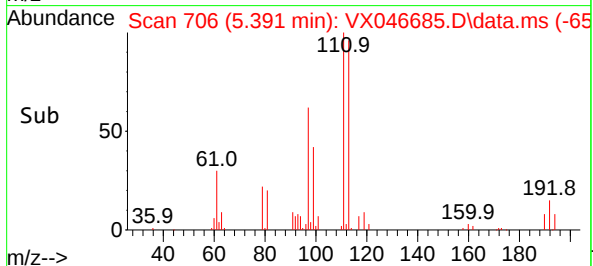
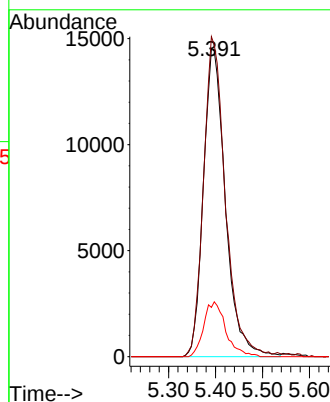
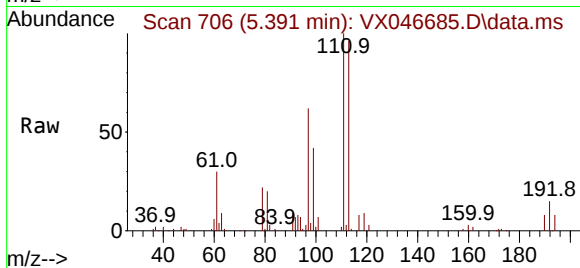
Tgt Ion:113 Resp: 47276

Ion Ratio Lower Upper

113 100

111 103.1 83.1 124.7

192 17.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 18.664 ug/l

RT: 5.702 min Scan# 757

Delta R.T. -0.012 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

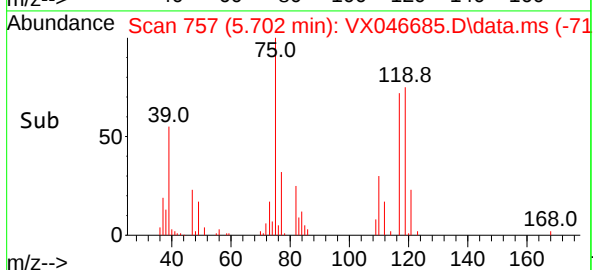
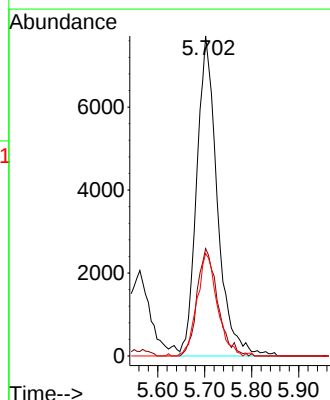
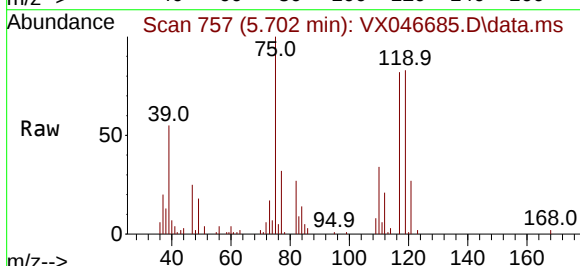
Tgt Ion: 75 Resp: 23491

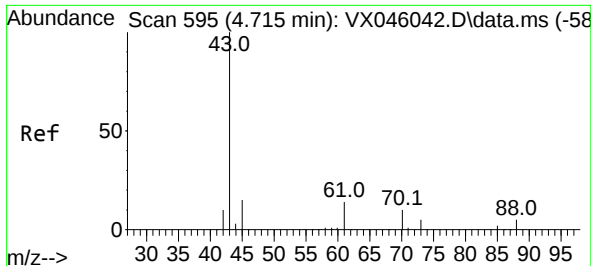
Ion Ratio Lower Upper

75 100

110 33.6 16.3 48.9

77 31.4 24.3 36.5

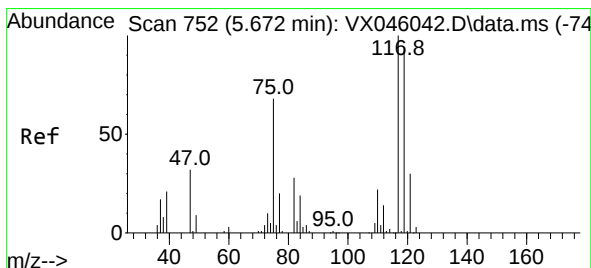
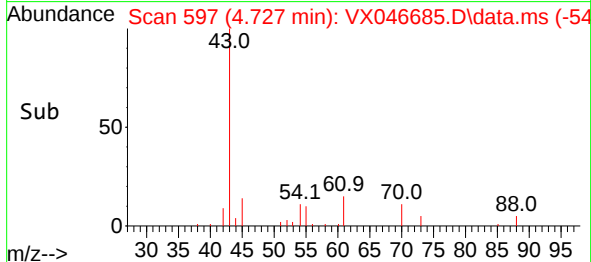
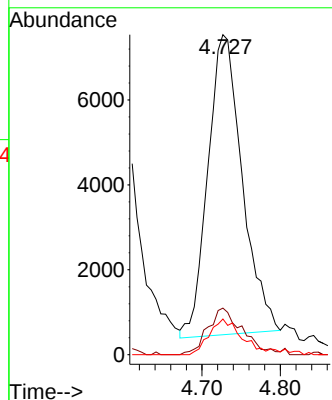
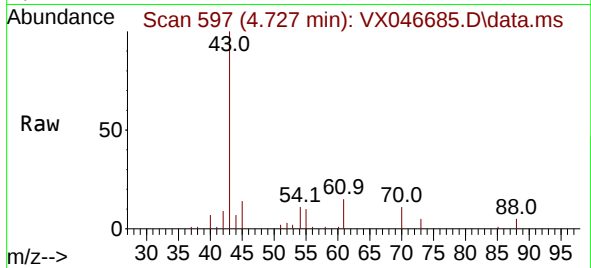




#37  
Ethyl Acetate  
Concen: 17.543 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

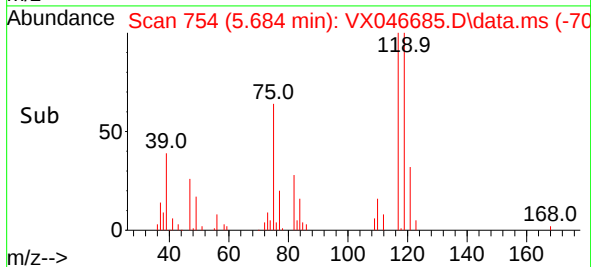
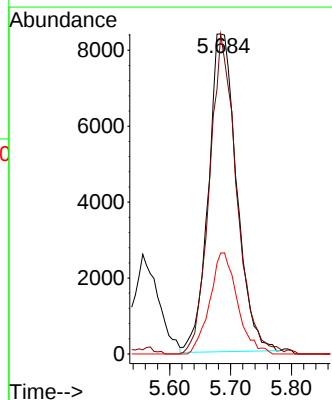
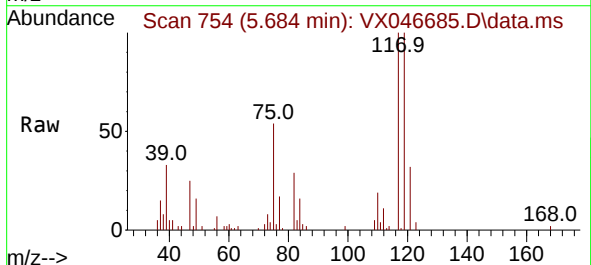
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion: 43 Resp: 21550  
Ion Ratio Lower Upper  
43 100  
61 16.0 10.3 15.5#  
70 11.6 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 19.143 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.012 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 117 Resp: 26986  
Ion Ratio Lower Upper  
117 100  
119 101.0 75.2 112.8  
121 31.9 24.2 36.4

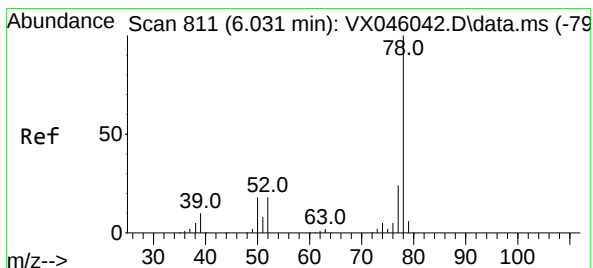
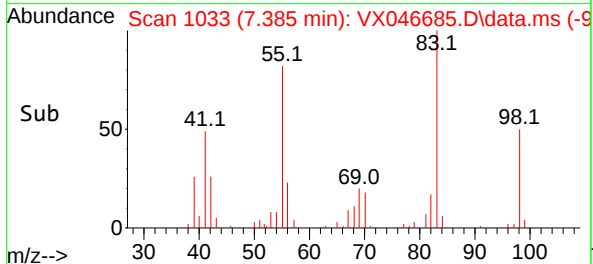
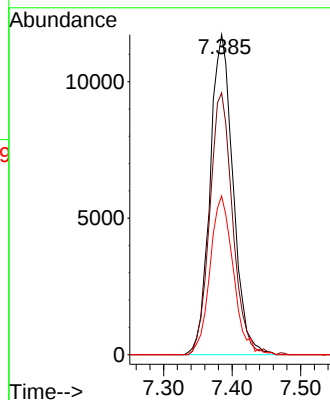
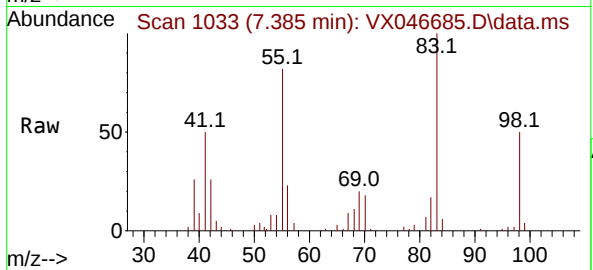




#39  
Methylcyclohexane  
Concen: 18.382 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

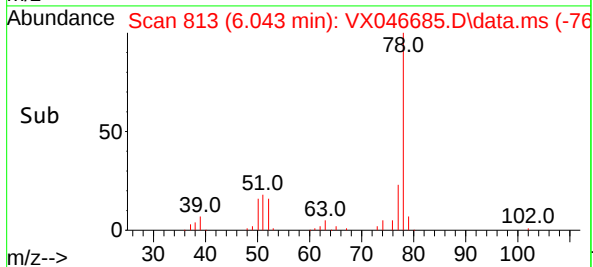
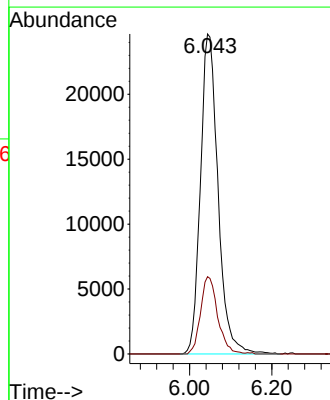
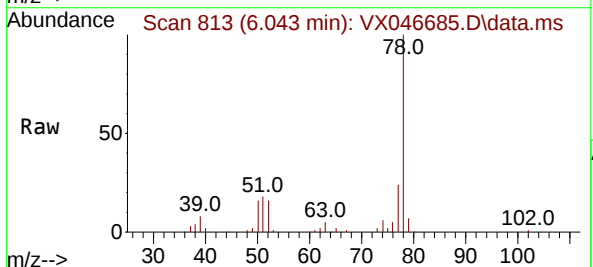
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion: 83 Resp: 27309  
Ion Ratio Lower Upper  
83 100  
55 81.8 64.7 97.1  
98 49.6 37.4 56.2



#40  
Benzene  
Concen: 20.633 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. -0.013 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 78 Resp: 73107  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.0 28.4



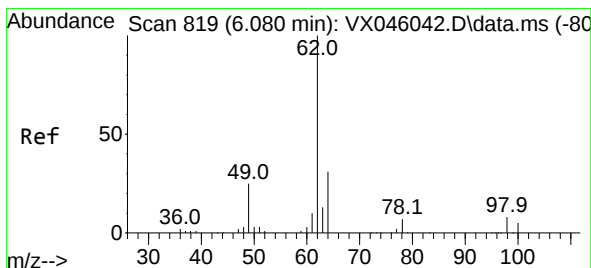
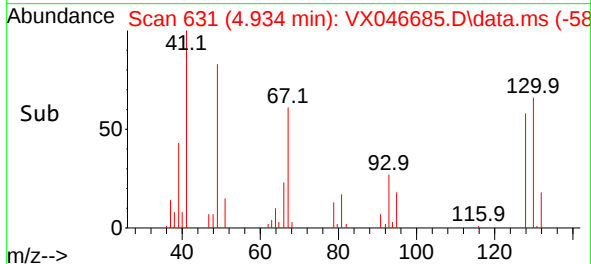
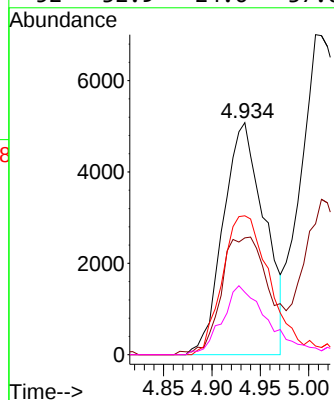
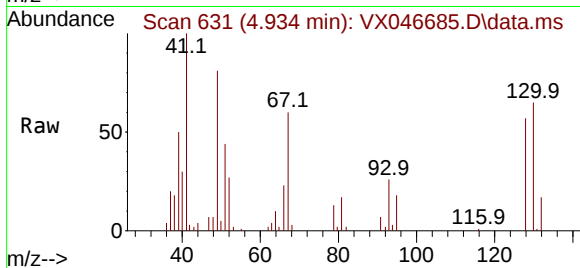


#41  
Methacrylonitrile  
Concen: 19.822 ug/l  
RT: 4.934 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion: 41 Resp: 15121

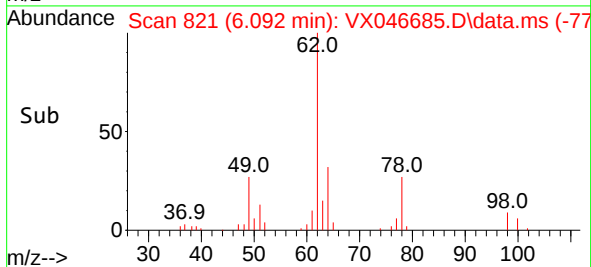
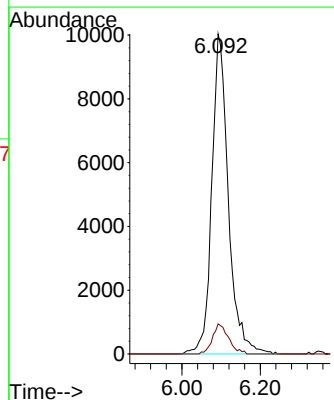
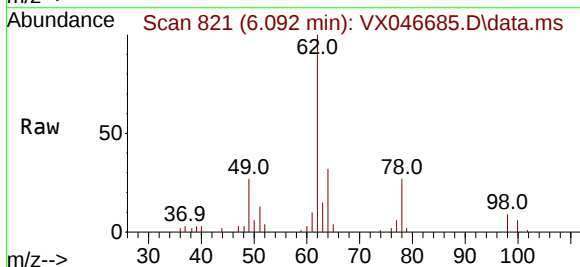
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.0  | 47.2  | 70.8  |
| 67  | 70.8  | 50.7  | 76.1  |
| 52  | 32.9  | 24.6  | 37.0  |

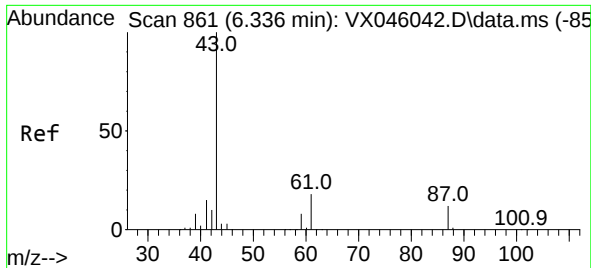


#42  
1,2-Dichloroethane  
Concen: 19.924 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 62 Resp: 29370

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.1   | 0.0   | 15.2  |

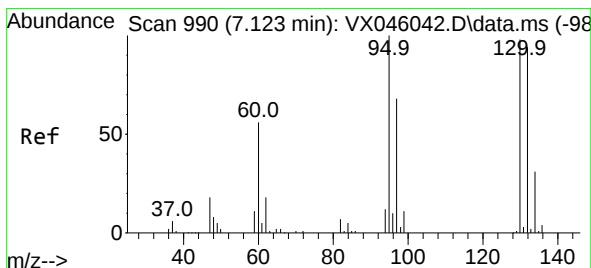
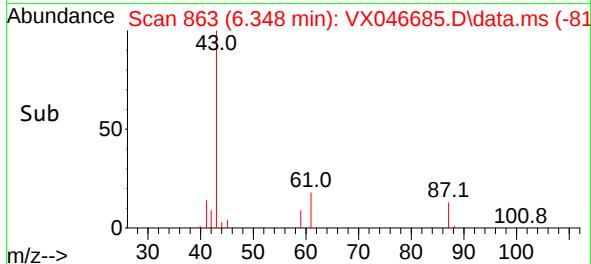
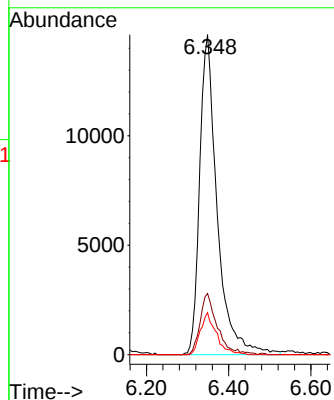
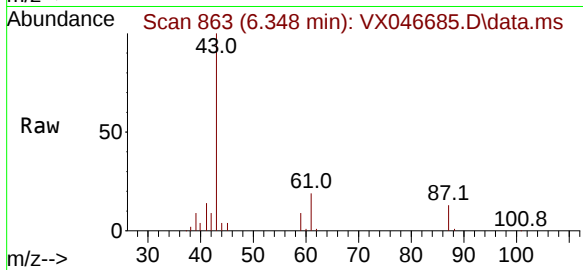




#43  
Isopropyl Acetate  
Concen: 20.185 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

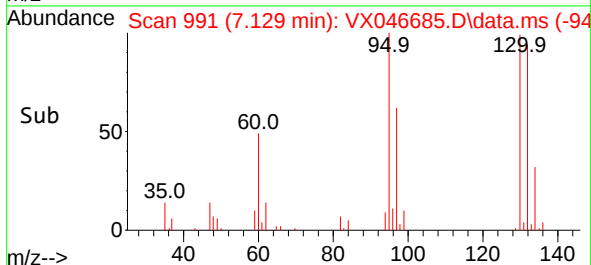
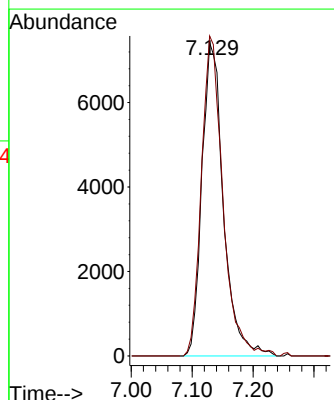
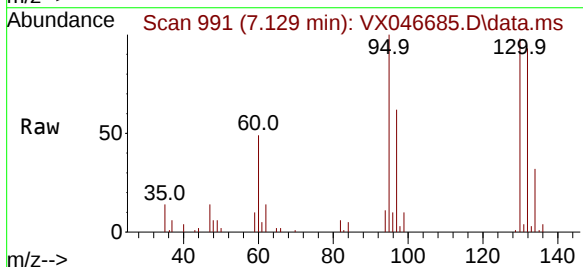
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

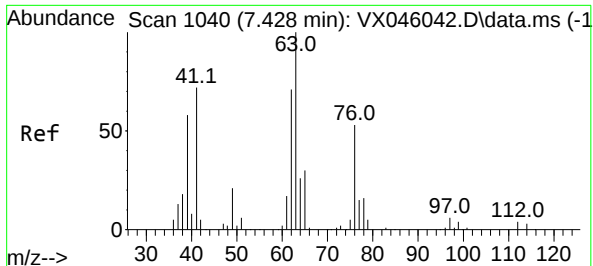
Tgt Ion: 43 Resp: 43227  
Ion Ratio Lower Upper  
43 100  
61 18.7 14.3 21.5  
87 12.0 9.5 14.3



#44  
Trichloroethene  
Concen: 20.136 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion:130 Resp: 18128  
Ion Ratio Lower Upper  
130 100  
95 102.2 0.0 204.2





#45

1,2-Dichloropropane

Concen: 21.082 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.007 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

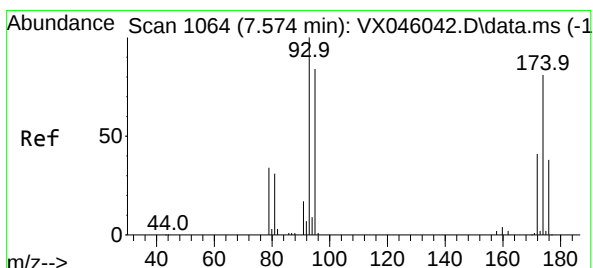
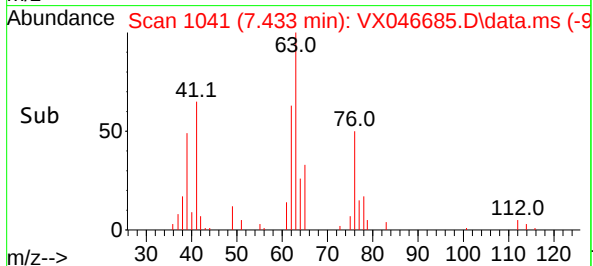
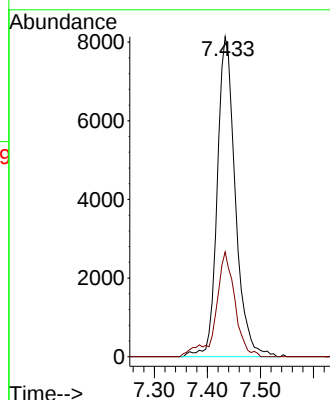
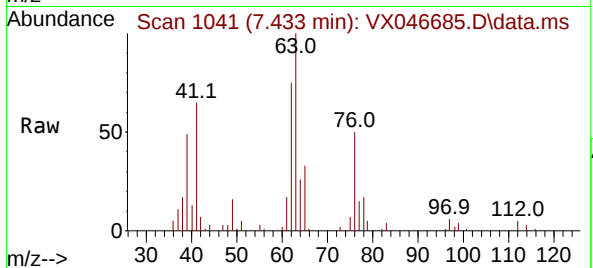
VX0613WBS02

Tgt Ion: 63 Resp: 19281

Ion Ratio Lower Upper

63 100

65 32.8 24.1 36.1



#46

Dibromomethane

Concen: 21.204 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

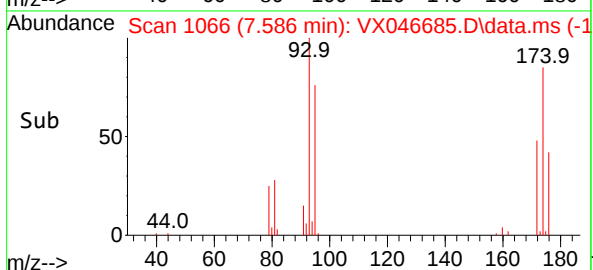
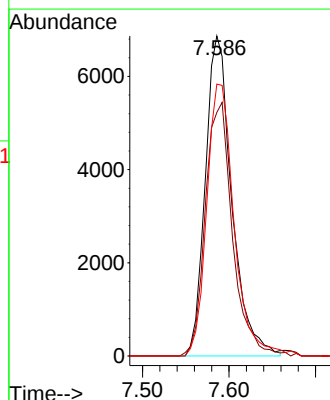
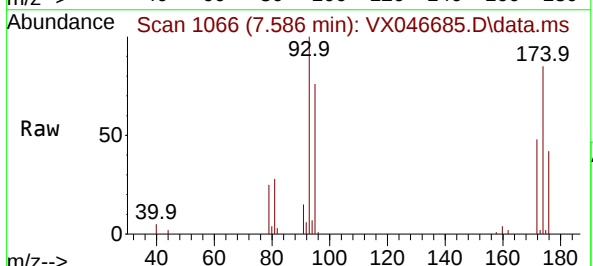
Tgt Ion: 93 Resp: 14589

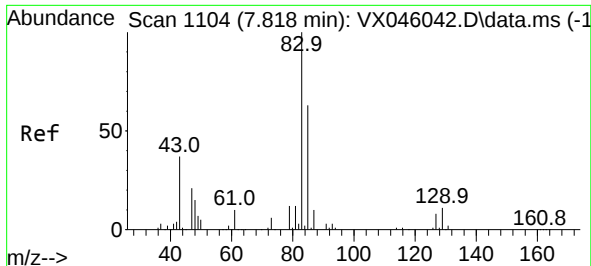
Ion Ratio Lower Upper

93 100

95 81.5 65.6 98.4

174 87.9 68.2 102.2

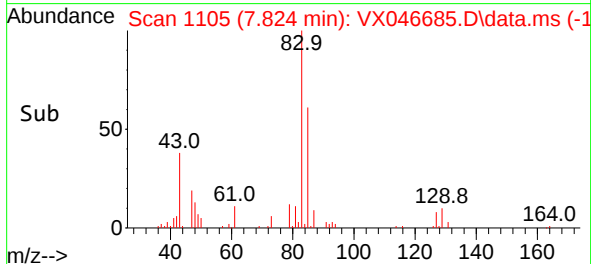
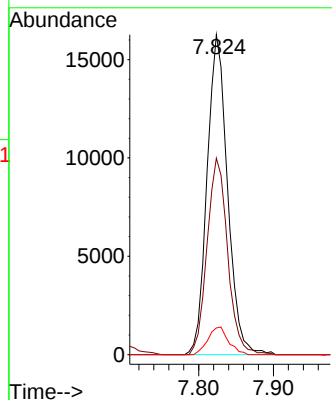
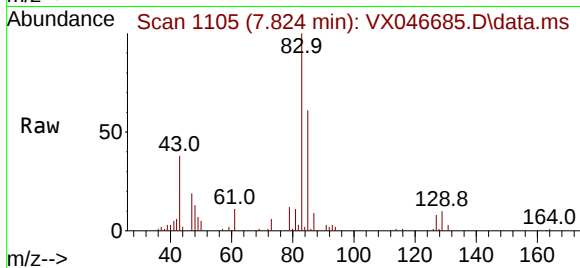




#47  
Bromodichloromethane  
Concen: 21.905 ug/l  
RT: 7.824 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

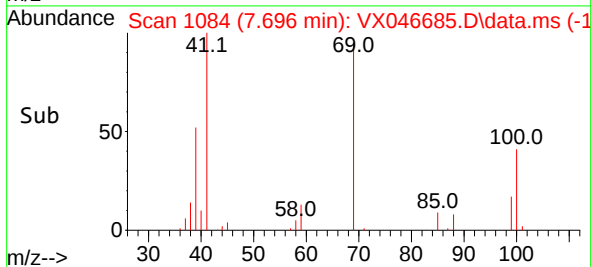
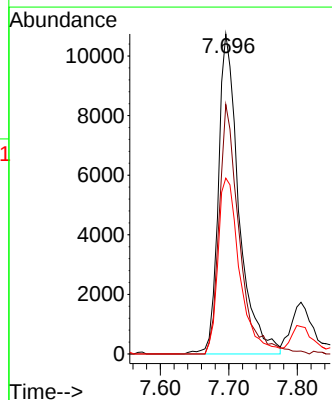
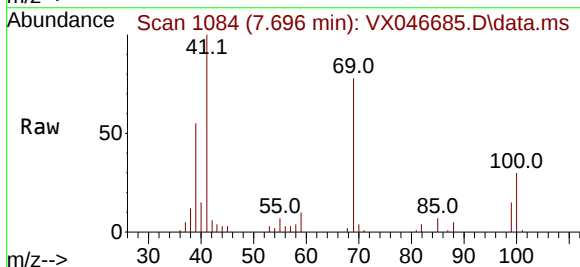
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

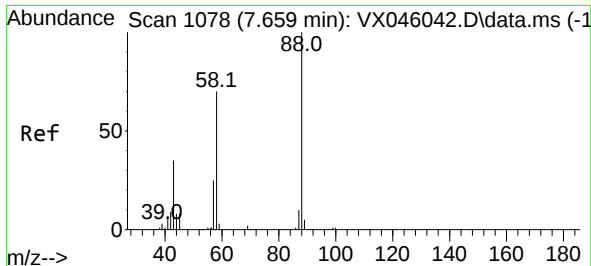
Tgt Ion: 83 Resp: 30989  
Ion Ratio Lower Upper  
83 100  
85 61.4 50.5 75.7  
127 8.4 6.5 9.7



#48  
Methyl methacrylate  
Concen: 20.255 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 41 Resp: 22318  
Ion Ratio Lower Upper  
41 100  
69 76.5 58.5 87.7  
39 58.5 51.7 77.5

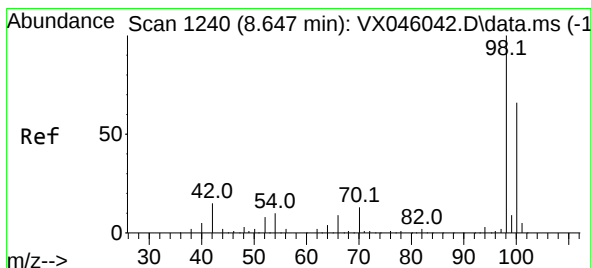
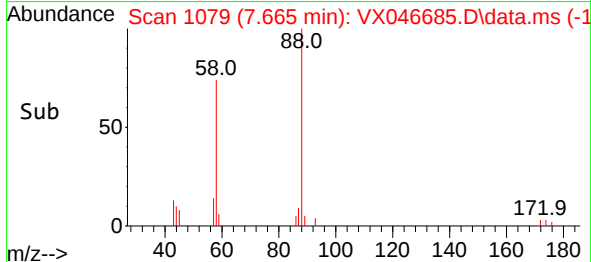
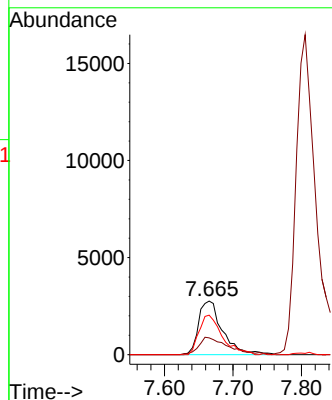
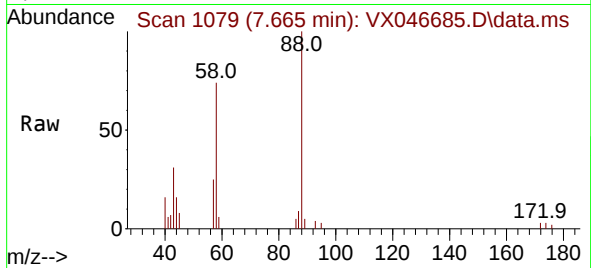




#49  
1,4-Dioxane  
Concen: 454.640 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

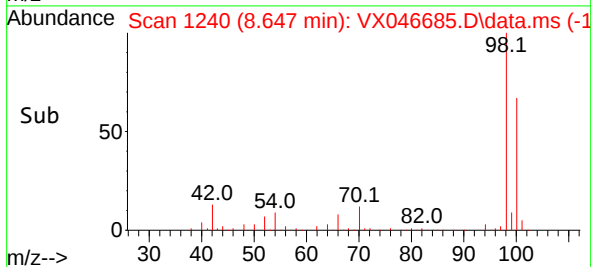
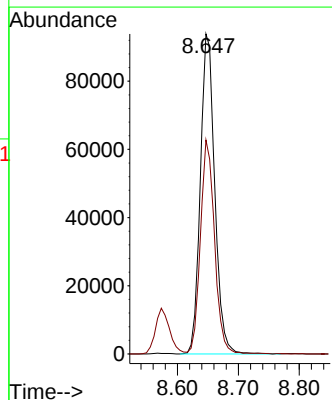
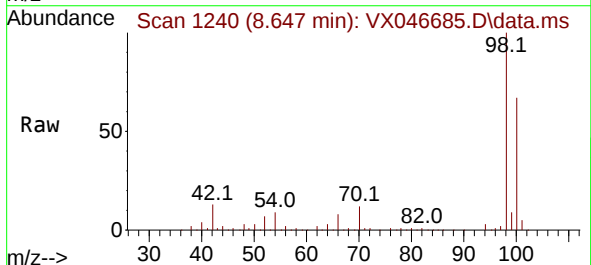
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

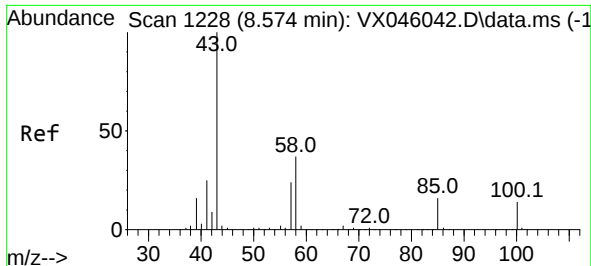
Tgt Ion: 88 Resp: 6699  
Ion Ratio Lower Upper  
88 100  
43 39.4 33.4 50.2  
58 71.5 58.6 88.0



#50  
Toluene-d8  
Concen: 53.021 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 98 Resp: 154024  
Ion Ratio Lower Upper  
98 100  
100 65.0 53.5 80.3

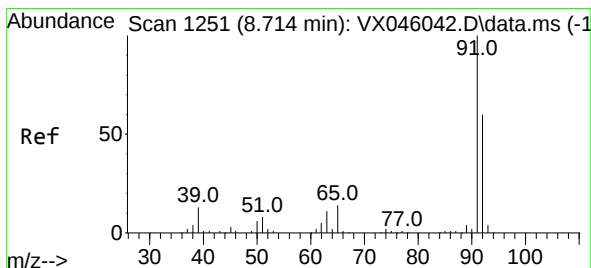
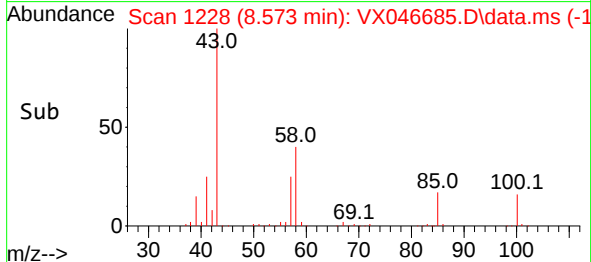
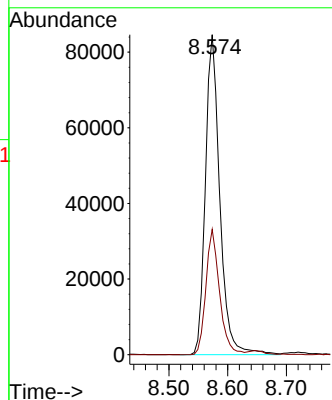
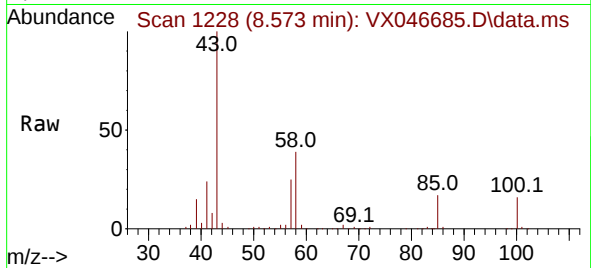




#51  
4-Methyl-2-Pentanone  
Concen: 105.932 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

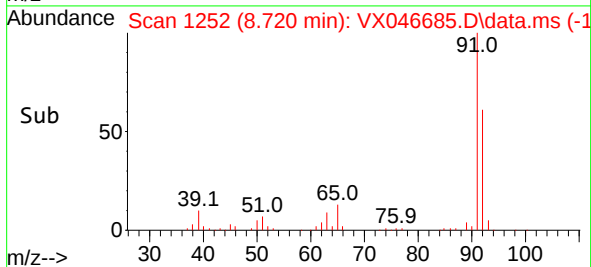
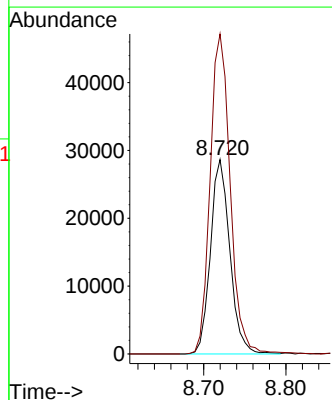
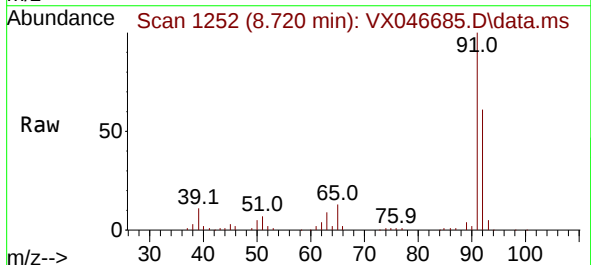
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

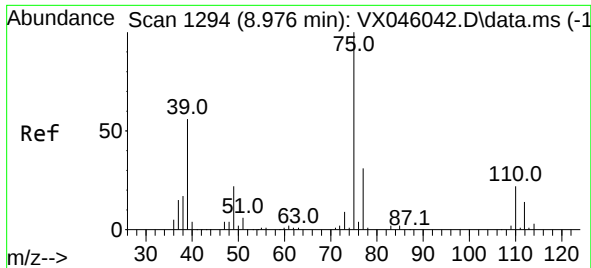
Tgt Ion: 43 Resp: 144159  
Ion Ratio Lower Upper  
43 100  
58 37.1 28.9 43.3



#52  
Toluene  
Concen: 21.606 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 92 Resp: 47033  
Ion Ratio Lower Upper  
92 100  
91 170.2 136.6 205.0

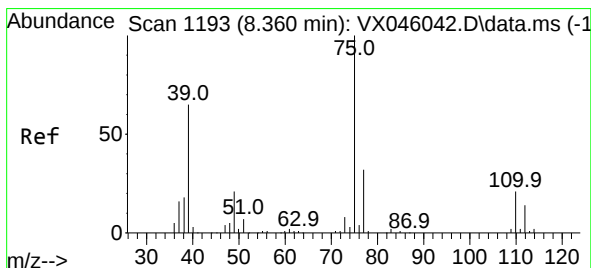
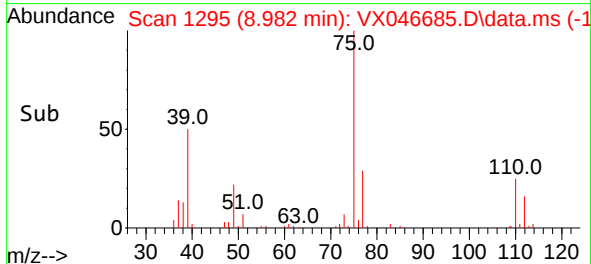
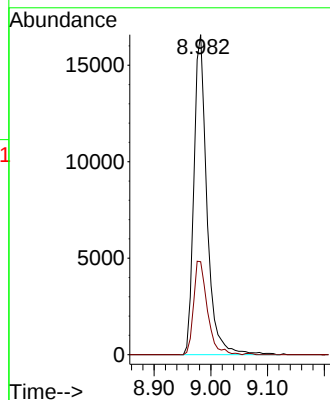
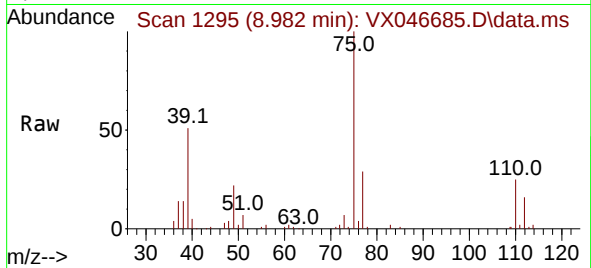




#53  
 t-1,3-Dichloropropene  
 Concen: 20.935 ug/l  
 RT: 8.982 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX046685.D  
 Acq: 13 Jun 2025 13:45

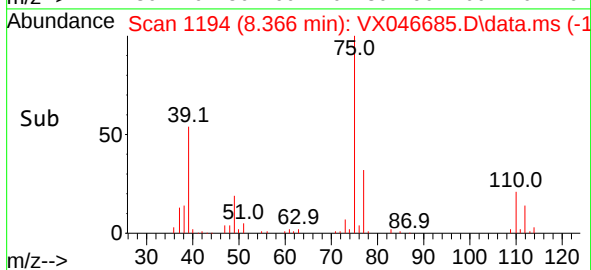
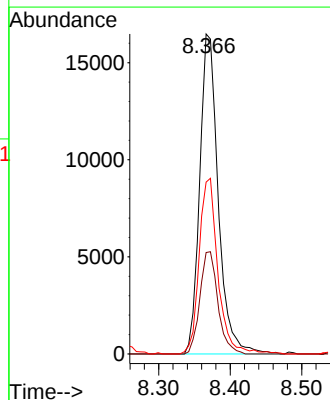
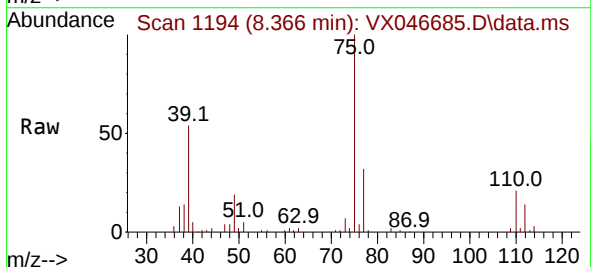
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0613WBS02

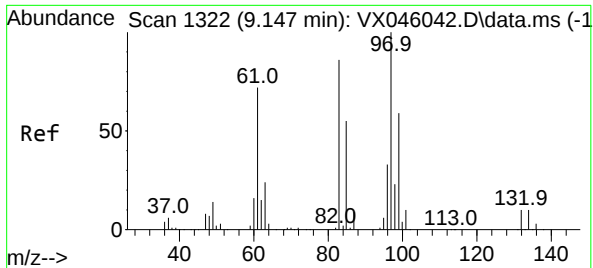
Tgt Ion: 75 Resp: 26554  
 Ion Ratio Lower Upper  
 75 100  
 77 29.1 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.063 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.006 min  
 Lab File: VX046685.D  
 Acq: 13 Jun 2025 13:45

Tgt Ion: 75 Resp: 29705  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.4 38.0  
 39 53.7 52.2 78.4

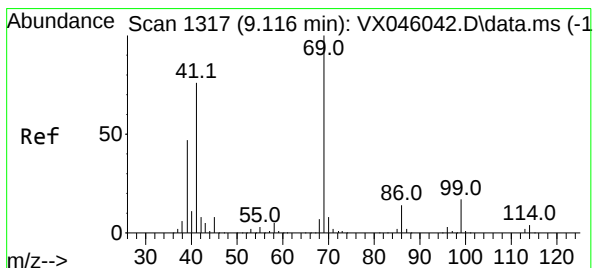
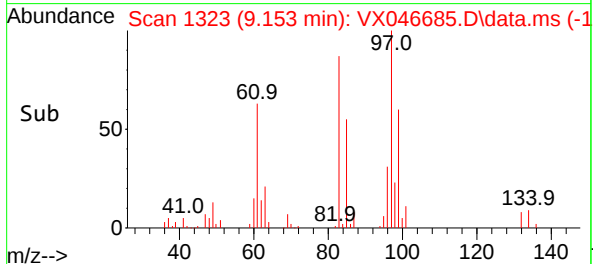
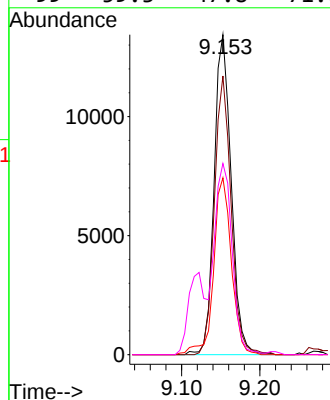
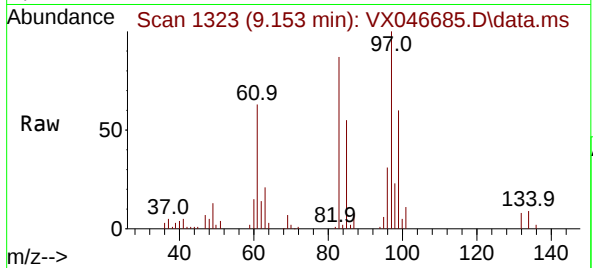




#55  
1,1,2-Trichloroethane  
Concen: 23.292 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

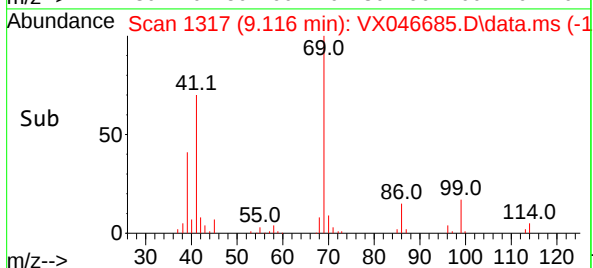
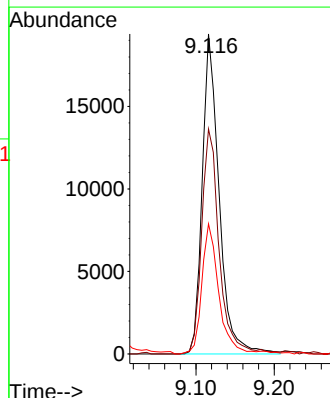
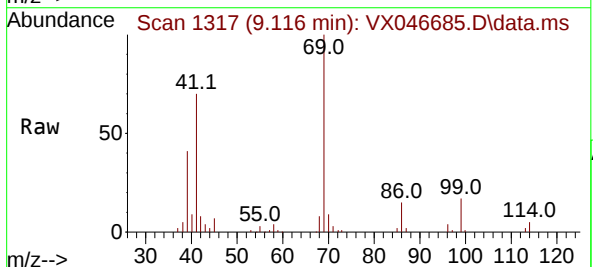
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

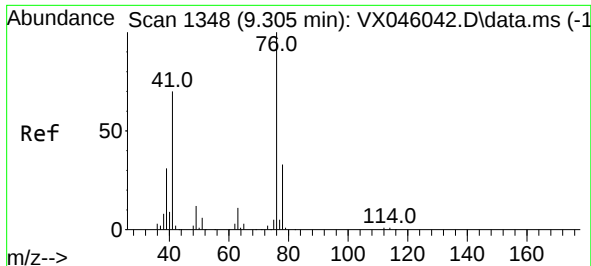
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 20354 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.1     | 69.0 103.6  |
| 85 55.3     | 44.3 66.5   |
| 99 59.3     | 47.8 71.6   |



#56  
Ethyl methacrylate  
Concen: 21.574 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 29012 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 73.3     | 60.8 91.2   |
| 39 41.5     | 39.0 58.6   |





#57

1,3-Dichloropropane

Concen: 21.854 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

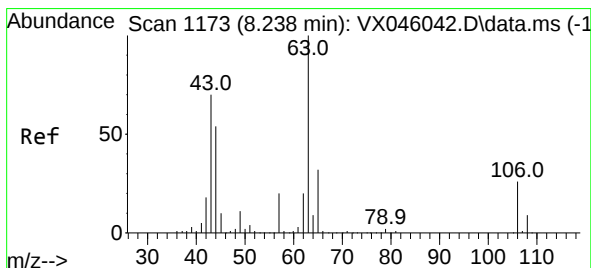
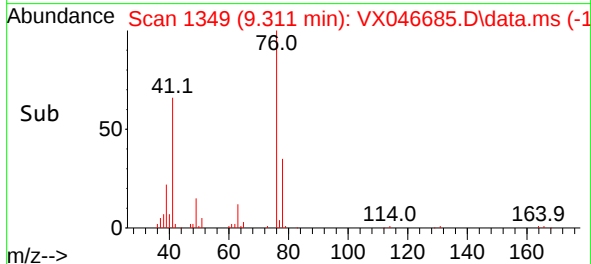
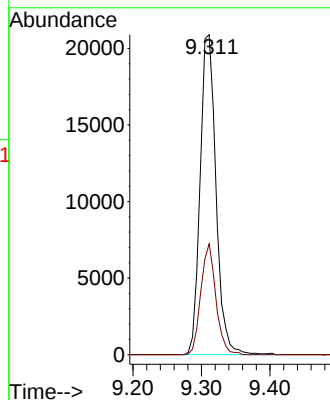
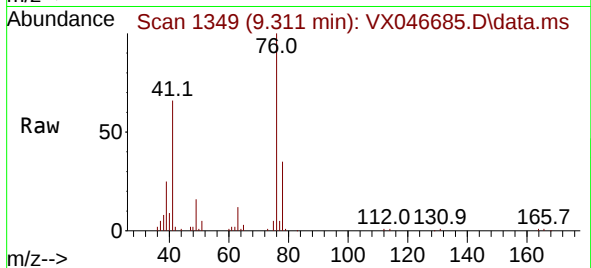
VX0613WBS02

Tgt Ion: 76 Resp: 33749

Ion Ratio Lower Upper

76 100

78 32.7 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 116.525 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046685.D

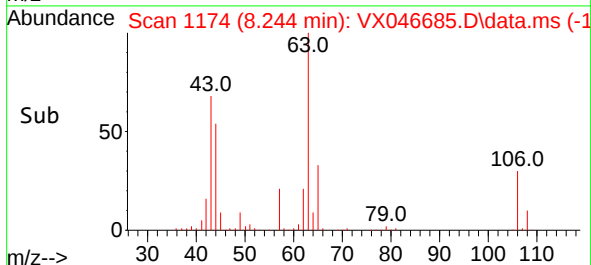
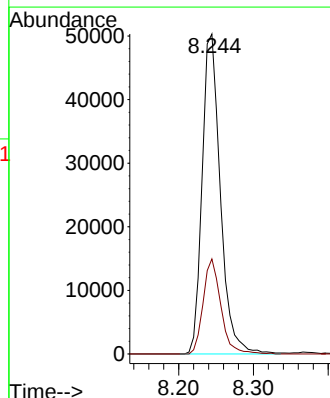
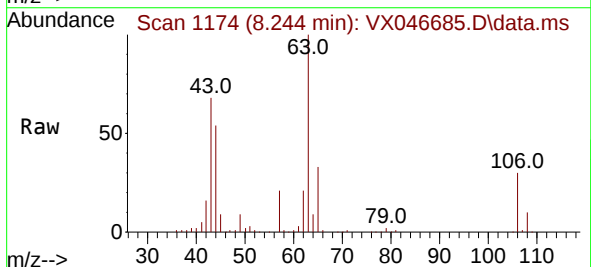
Acq: 13 Jun 2025 13:45

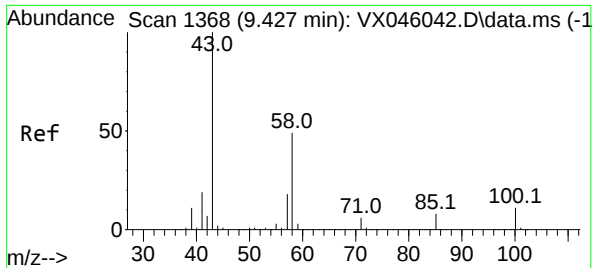
Tgt Ion: 63 Resp: 85354

Ion Ratio Lower Upper

63 100

106 28.8 21.5 32.3

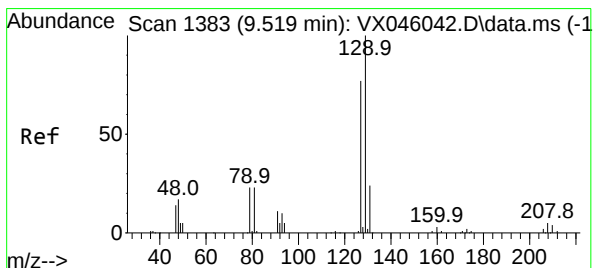
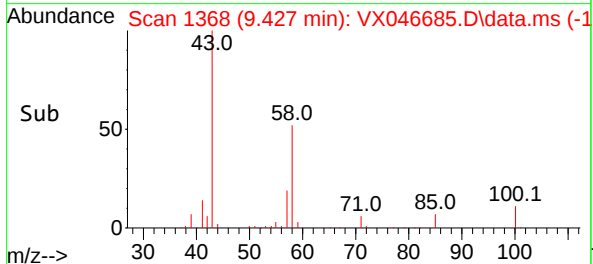
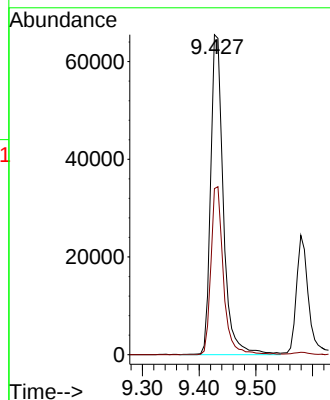
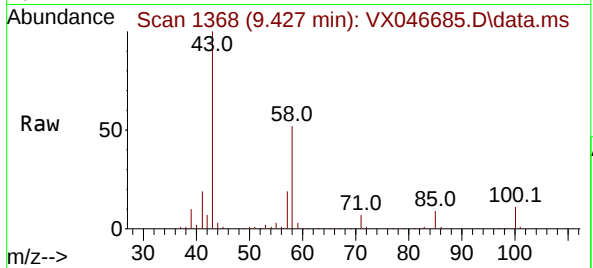




#59  
2-Hexanone  
Concen: 104.502 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

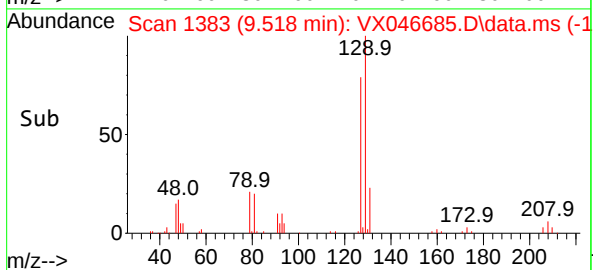
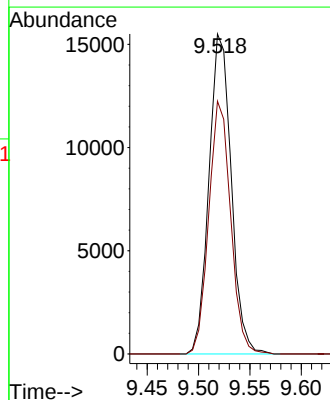
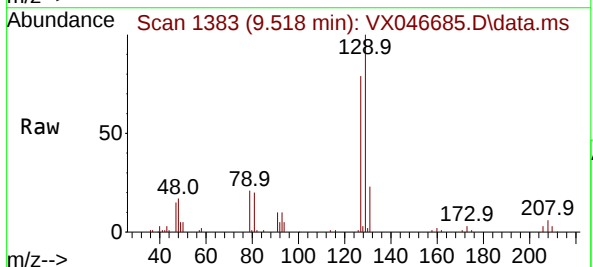
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

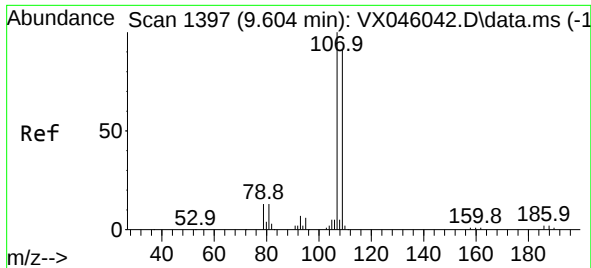
Tgt Ion: 43 Resp: 101993  
Ion Ratio Lower Upper  
43 100  
58 51.6 24.9 74.6



#60  
Dibromochloromethane  
Concen: 22.684 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.007 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 129 Resp: 23317  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.3 117.8

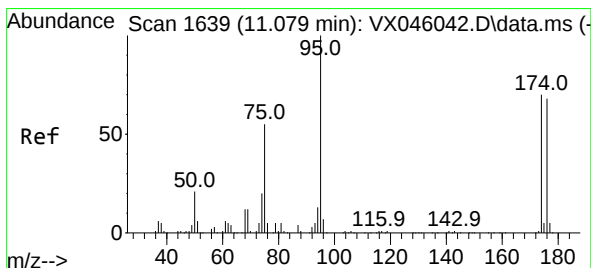
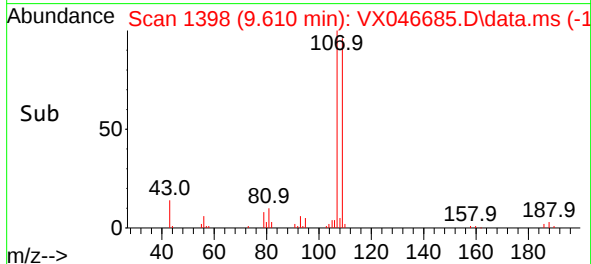
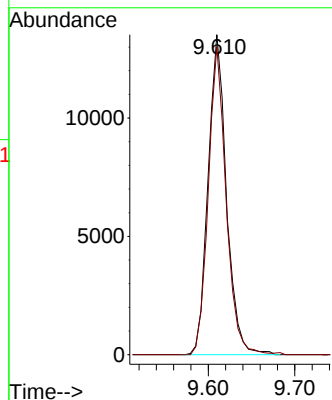
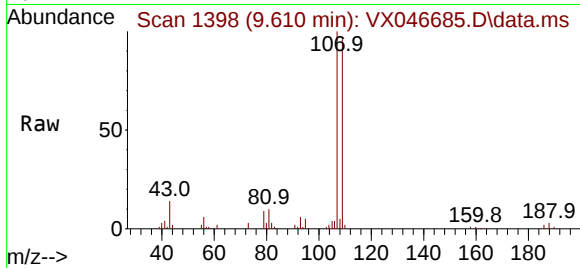




#61  
1,2-Dibromoethane  
Concen: 21.861 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

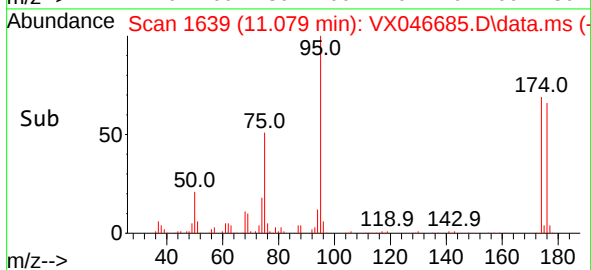
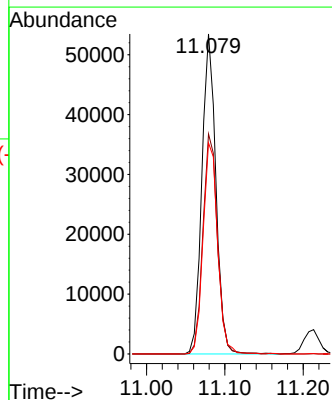
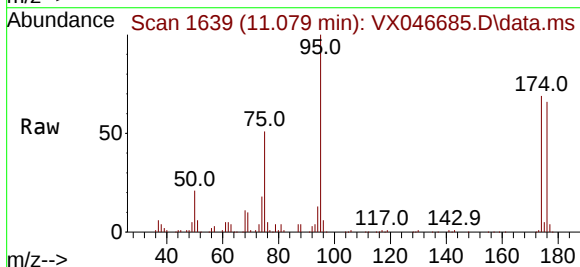
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

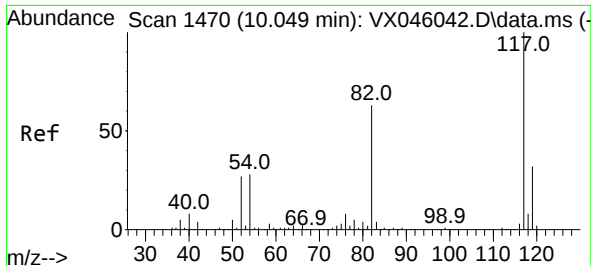
Tgt Ion:107 Resp: 19907  
Ion Ratio Lower Upper  
107 100  
109 93.5 73.3 109.9



#62  
4-Bromofluorobenzene  
Concen: 55.180 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 95 Resp: 66322  
Ion Ratio Lower Upper  
95 100  
174 71.1 0.0 135.8  
176 68.6 0.0 131.4

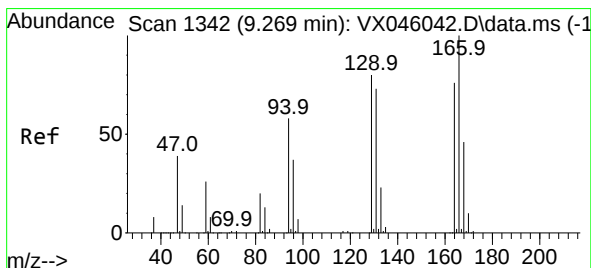
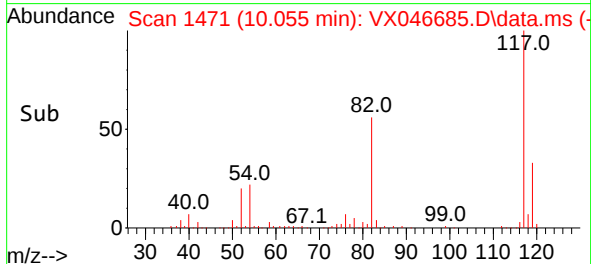
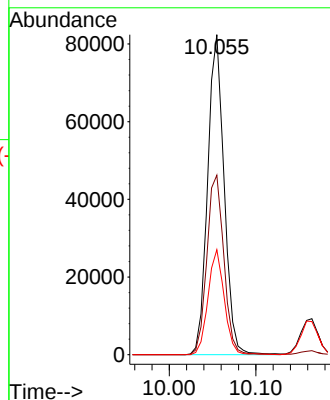
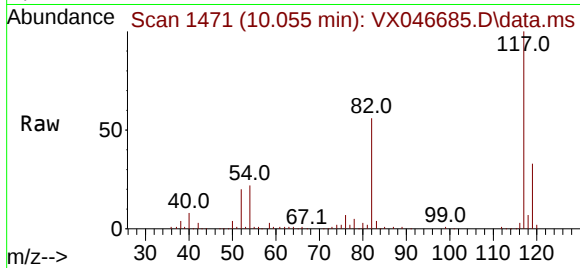




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

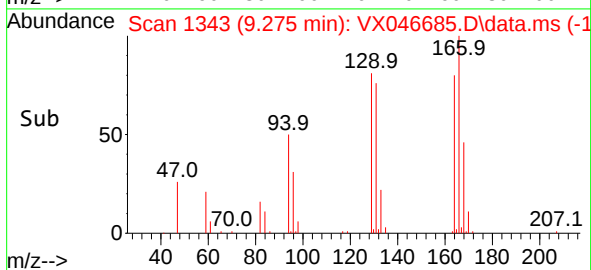
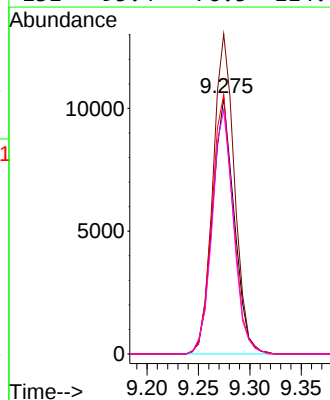
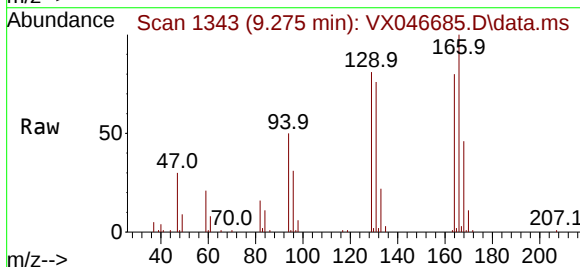
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

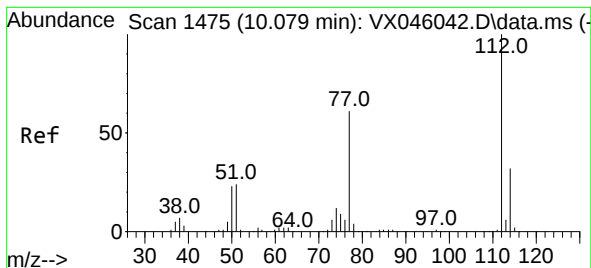
Tgt Ion:117 Resp: 108883  
Ion Ratio Lower Upper  
117 100  
82 56.1 50.6 76.0  
119 32.8 25.8 38.6



#64  
Tetrachloroethene  
Concen: 21.010 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion:164 Resp: 15297  
Ion Ratio Lower Upper  
164 100  
166 125.0 105.0 157.6  
129 101.3 83.5 125.3  
131 95.4 76.5 114.7

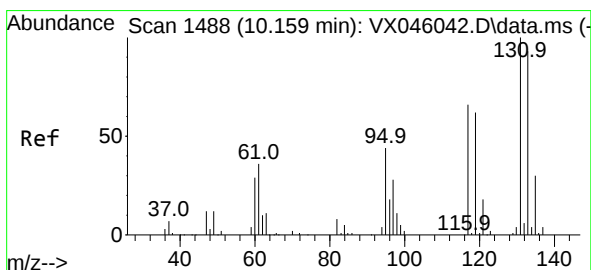
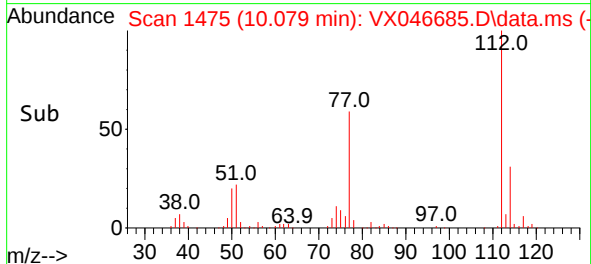
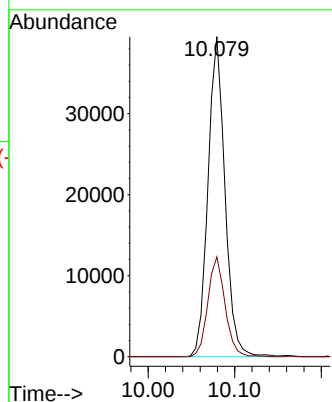
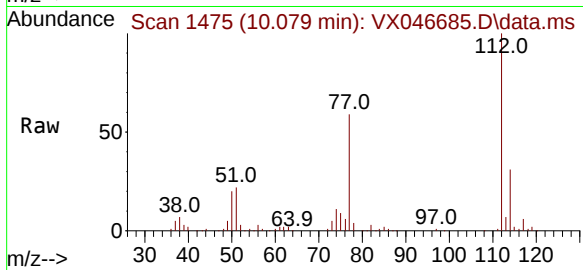




#65  
Chlorobenzene  
Concen: 20.986 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

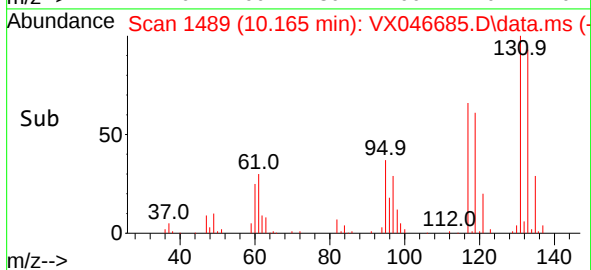
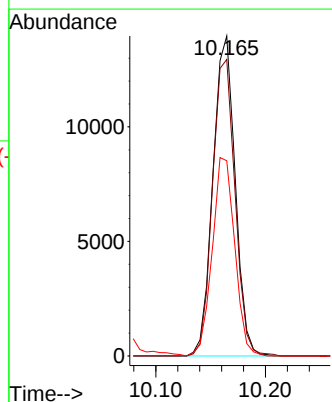
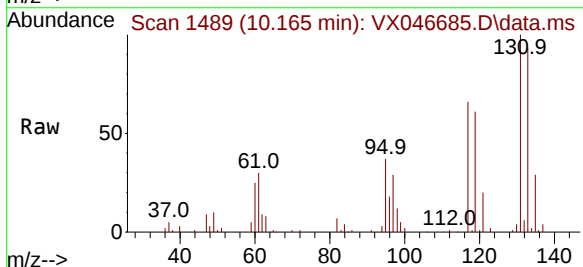
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

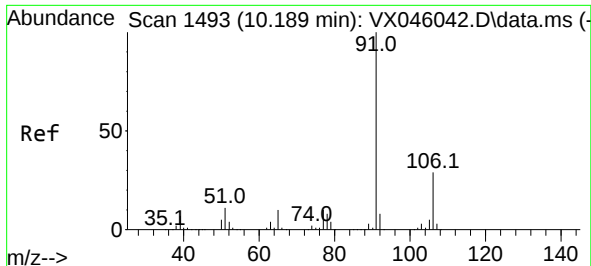
Tgt Ion:112 Resp: 53741  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.747 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion:131 Resp: 19684  
Ion Ratio Lower Upper  
131 100  
133 94.0 47.3 141.9  
119 62.7 31.6 95.0





#67

Ethyl Benzene

Concen: 20.581 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

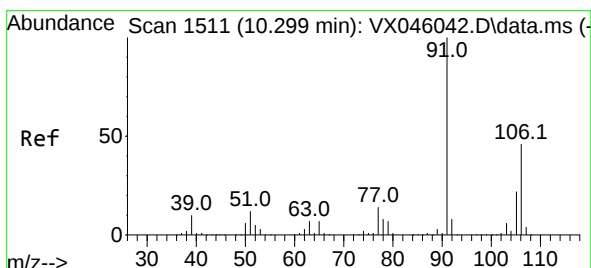
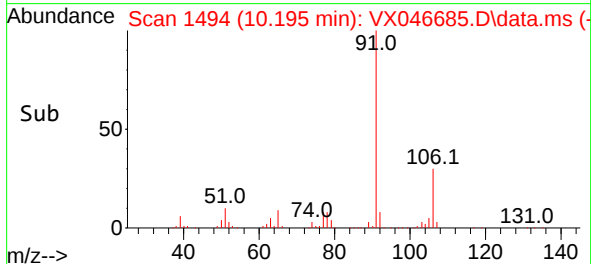
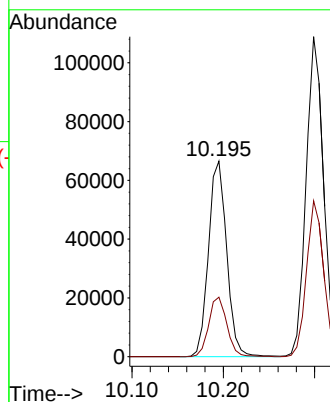
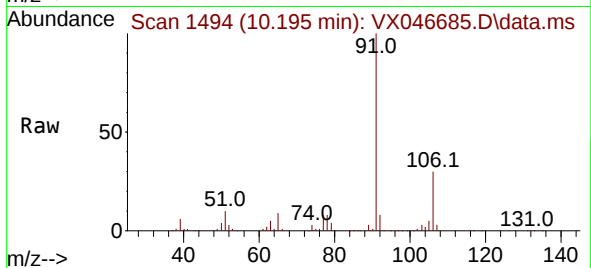
VX0613WBS02

Tgt Ion: 91 Resp: 92007

Ion Ratio Lower Upper

91 100

106 30.4 23.4 35.2



#68

m/p-Xylenes

Concen: 43.493 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046685.D

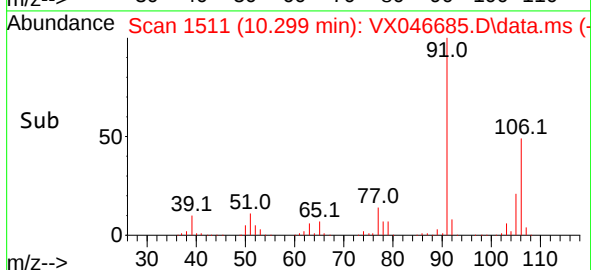
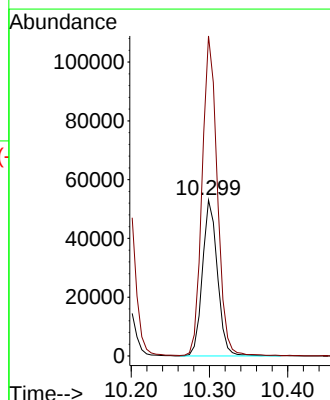
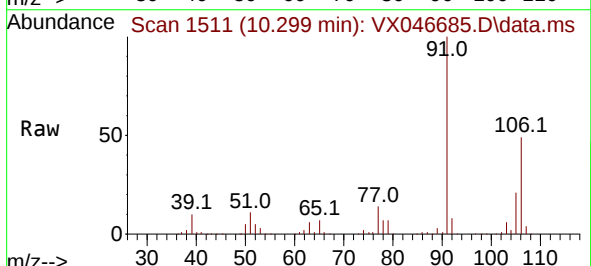
Acq: 13 Jun 2025 13:45

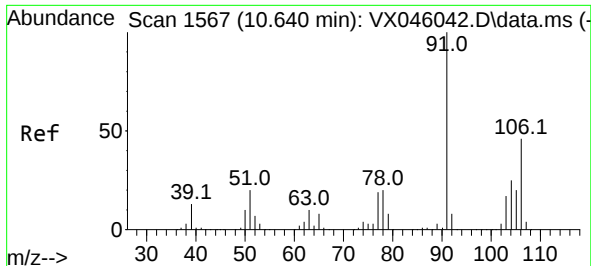
Tgt Ion: 106 Resp: 70532

Ion Ratio Lower Upper

106 100

91 207.5 171.2 256.8

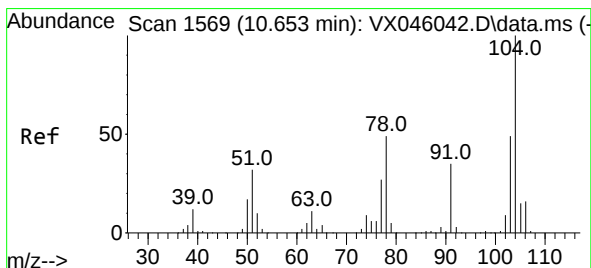
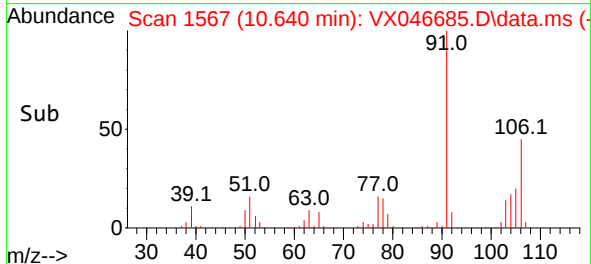
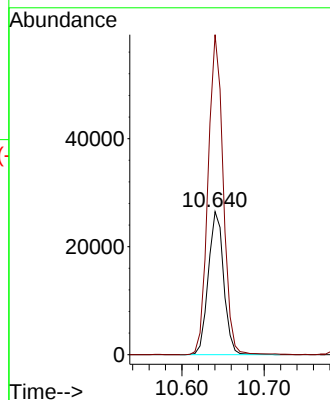
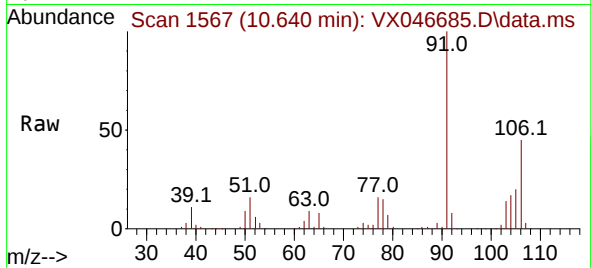




#69  
o-Xylene  
Concen: 21.956 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

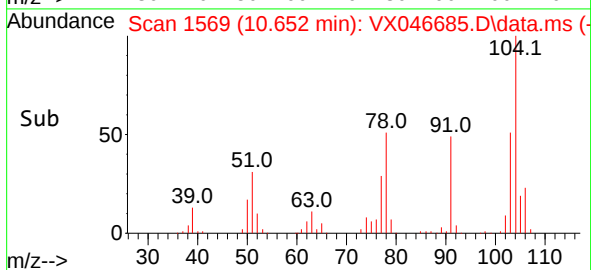
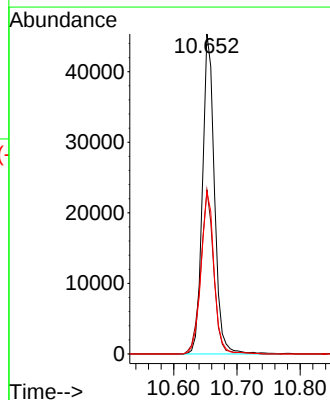
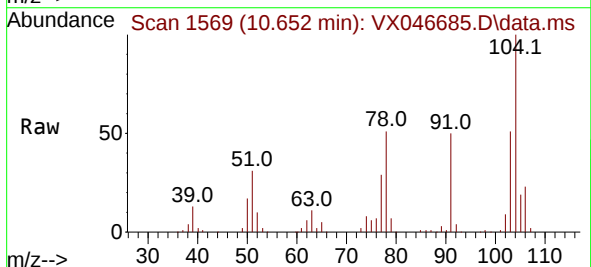
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

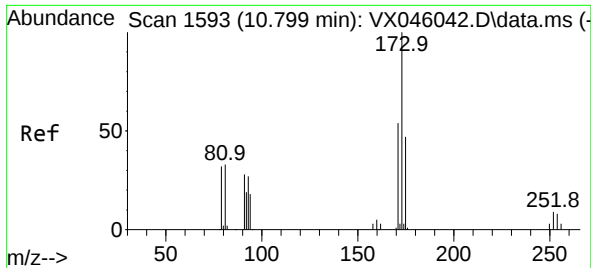
Tgt Ion:106 Resp: 34440  
Ion Ratio Lower Upper  
106 100  
91 219.9 112.7 338.1



#70  
Styrene  
Concen: 22.377 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion:104 Resp: 60084  
Ion Ratio Lower Upper  
104 100  
78 55.2 45.7 68.5  
103 55.3 43.7 65.5

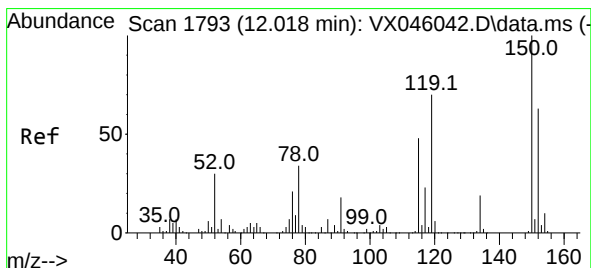
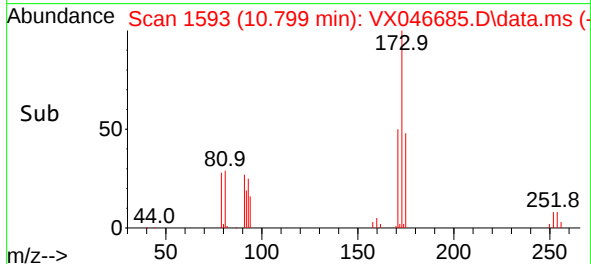
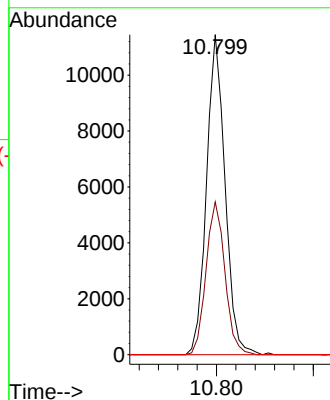
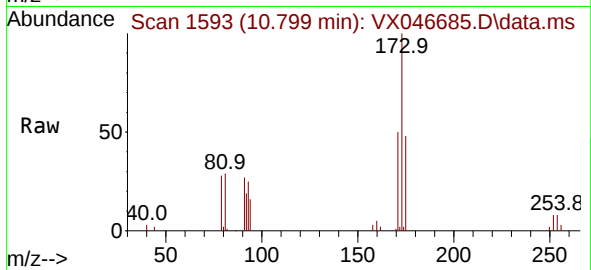




#71  
Bromoform  
Concen: 23.093 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

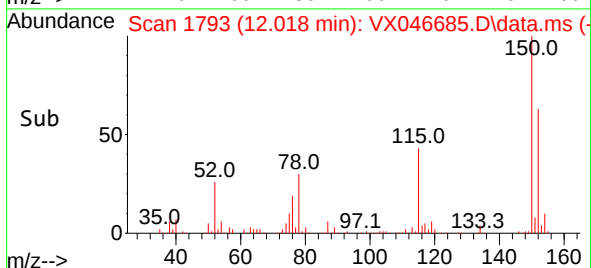
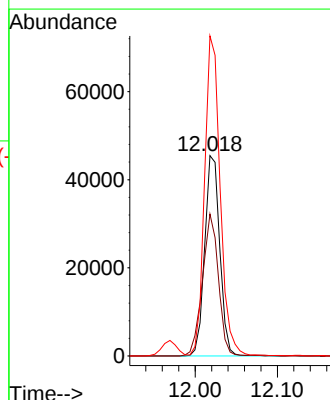
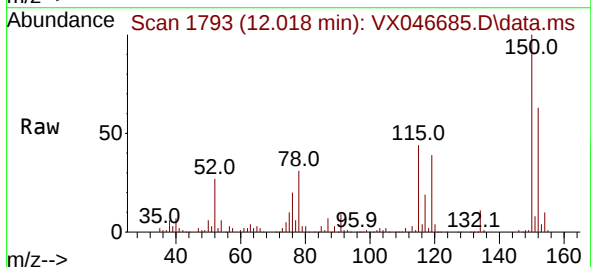
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

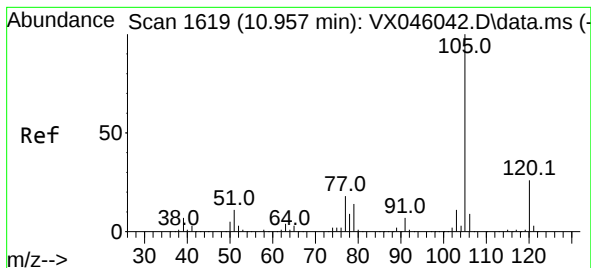
Tgt Ion:173 Resp: 15237  
Ion Ratio Lower Upper  
173 100  
175 48.8 23.4 70.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion:152 Resp: 57914  
Ion Ratio Lower Upper  
152 100  
115 75.2 46.9 140.7  
150 164.8 0.0 351.0





#73

Isopropylbenzene

Concen: 20.766 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

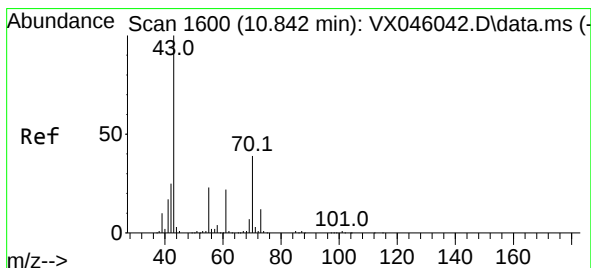
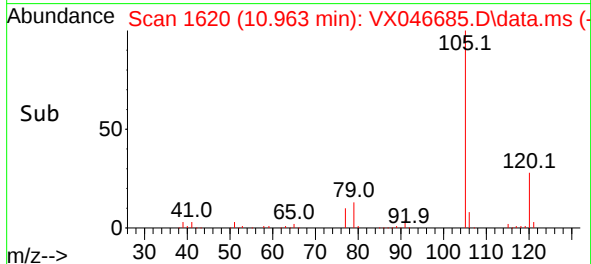
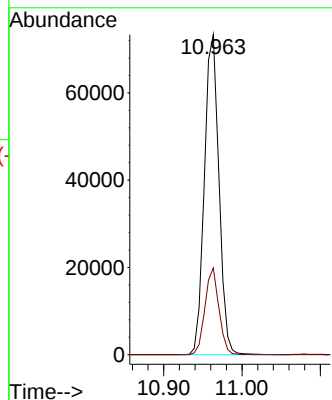
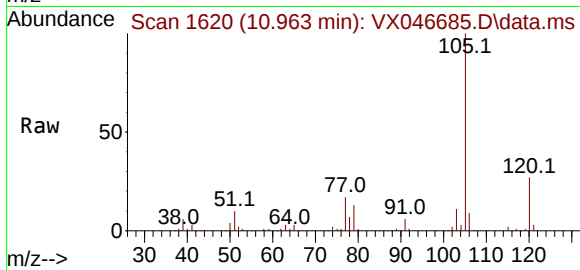
VX0613WBS02

Tgt Ion:105 Resp: 94541

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.4



#74

N-ethyl acetate

Concen: 19.990 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Tgt Ion: 43 Resp: 40078

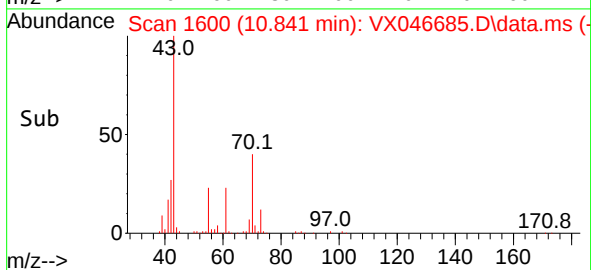
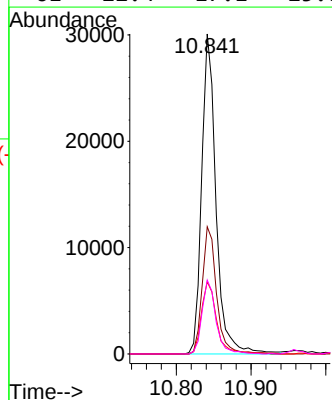
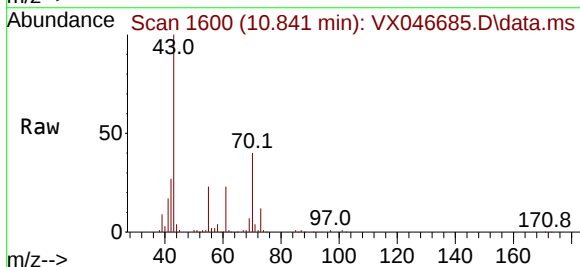
Ion Ratio Lower Upper

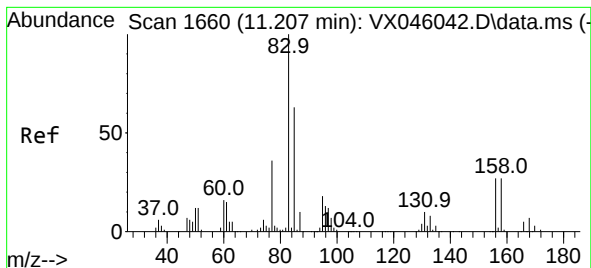
43 100

70 39.7 30.9 46.3

55 24.0 18.7 28.1

61 22.4 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.754 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0613WBS02

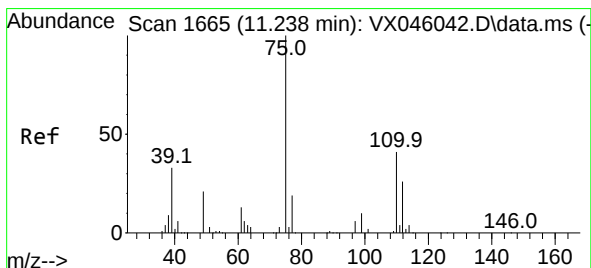
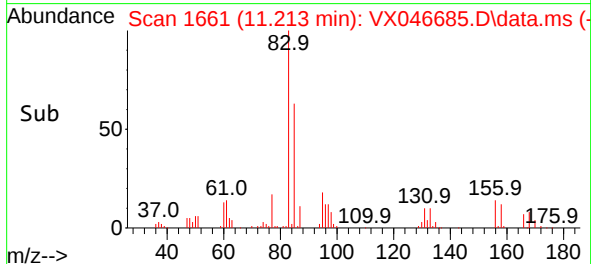
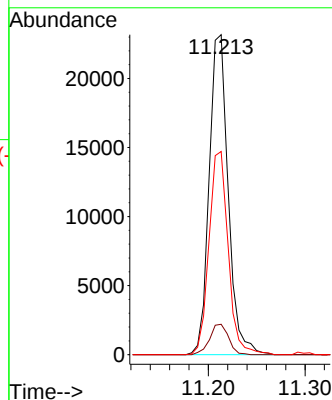
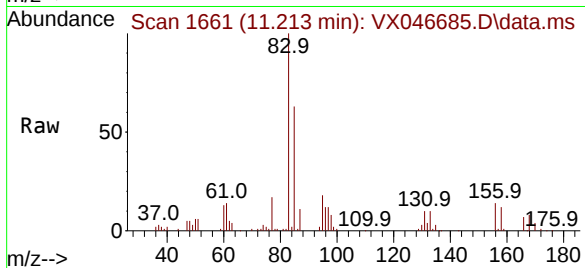
Tgt Ion: 83 Resp: 31701

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 64.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 26.389 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX046685.D

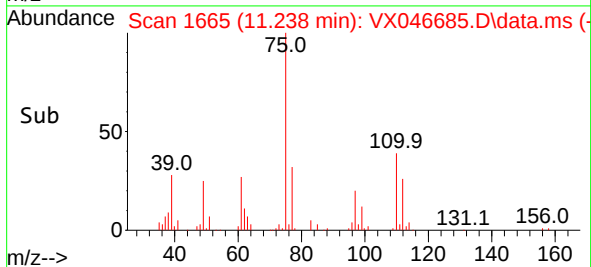
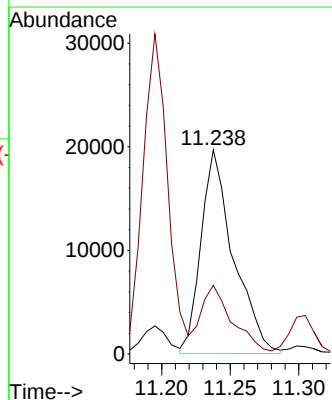
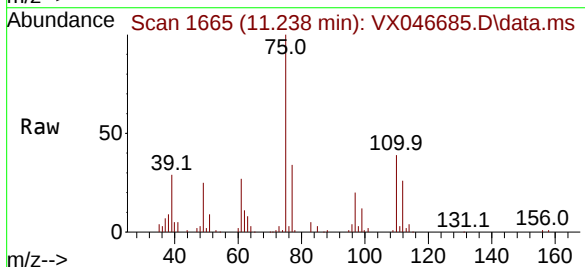
Acq: 13 Jun 2025 13:45

Tgt Ion: 75 Resp: 32371

Ion Ratio Lower Upper

75 100

77 33.4 20.5 61.5





#77

Bromobenzene

Concen: 21.438 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0613WBS02

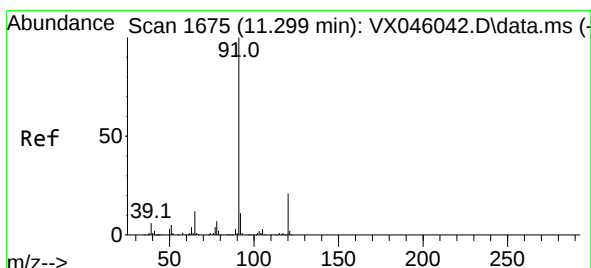
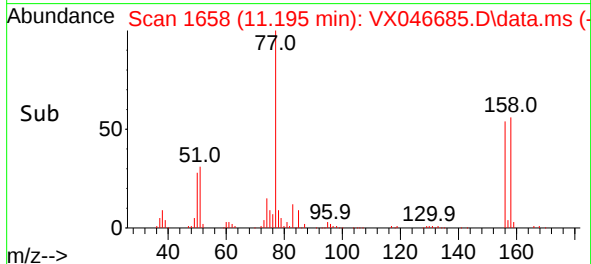
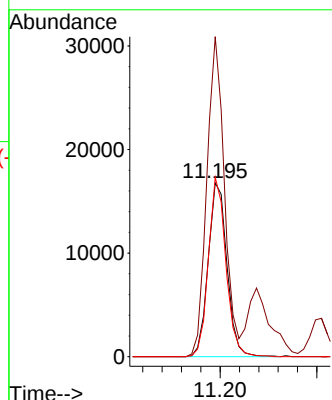
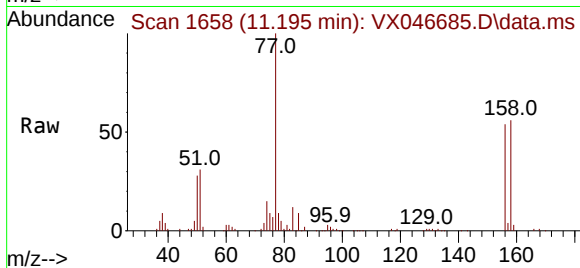
Tgt Ion:156 Resp: 22654

Ion Ratio Lower Upper

156 100

77 172.4 92.8 278.3

158 96.4 48.8 146.3



#78

n-propylbenzene

Concen: 20.262 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX046685.D

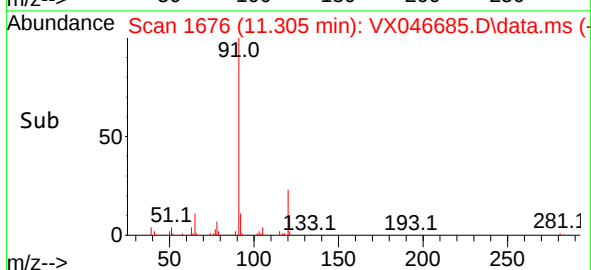
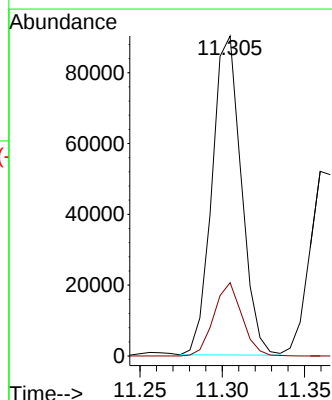
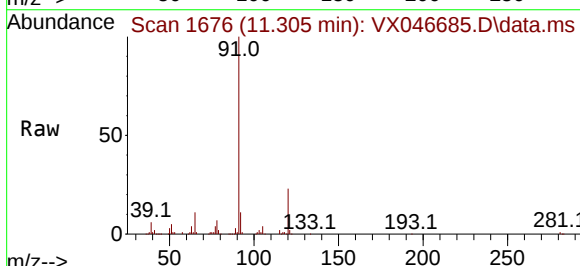
Acq: 13 Jun 2025 13:45

Tgt Ion: 91 Resp: 111649

Ion Ratio Lower Upper

91 100

120 22.1 10.8 32.4

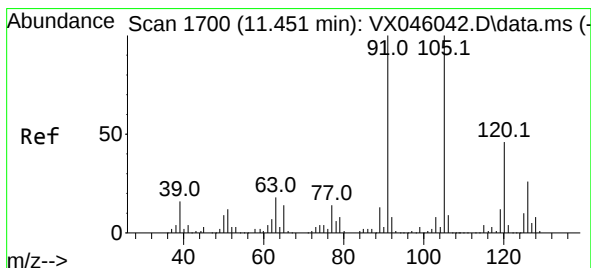
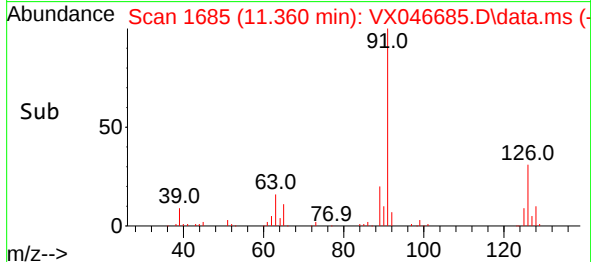
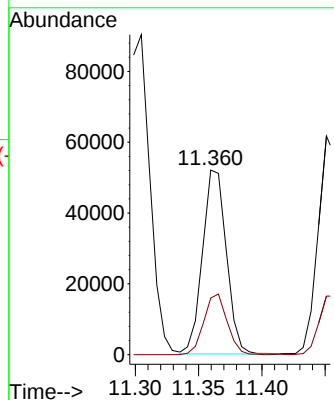
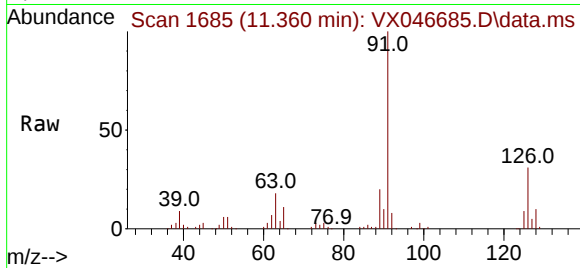




#79  
2-Chlorotoluene  
Concen: 20.571 ug/l  
RT: 11.360 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

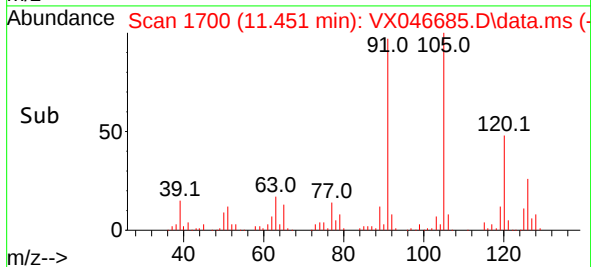
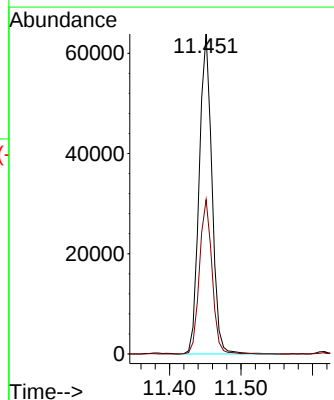
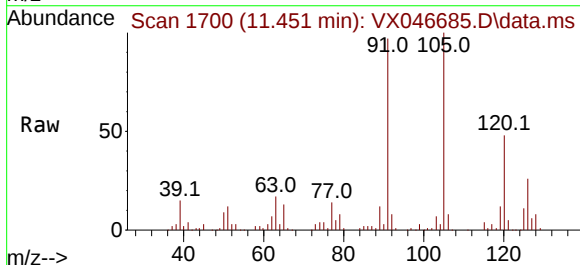
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion: 91 Resp: 68354  
Ion Ratio Lower Upper  
91 100  
126 32.1 15.6 46.7



#80  
1,3,5-Trimethylbenzene  
Concen: 20.775 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 105 Resp: 78813  
Ion Ratio Lower Upper  
105 100  
120 47.6 23.1 69.2

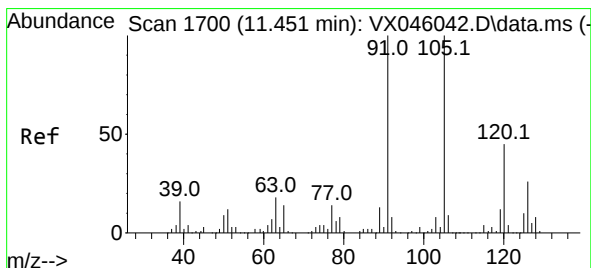
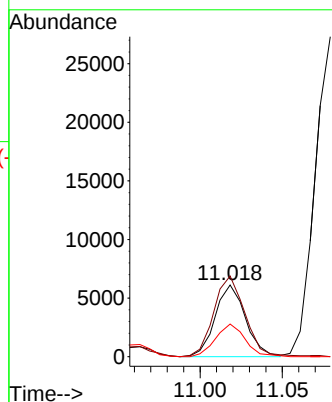
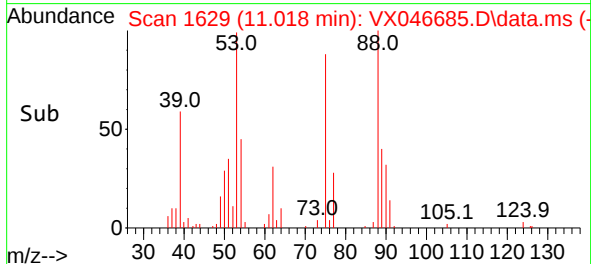
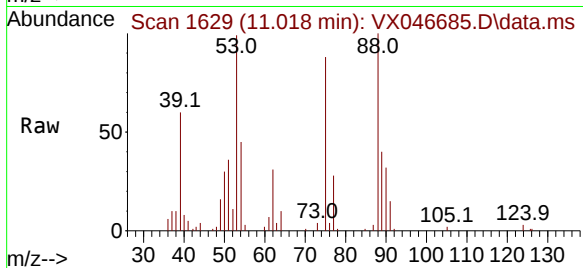




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.460 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

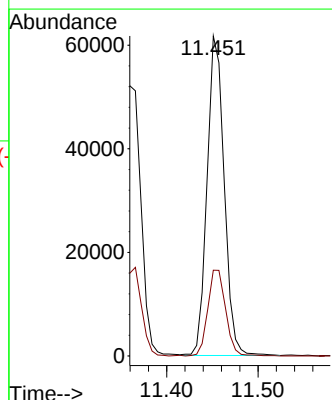
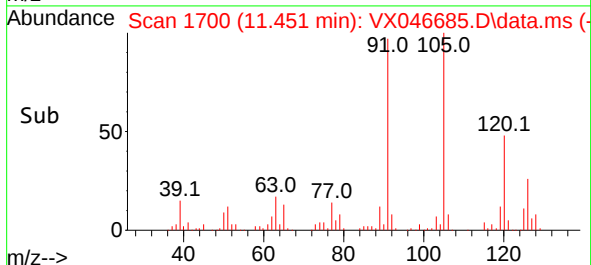
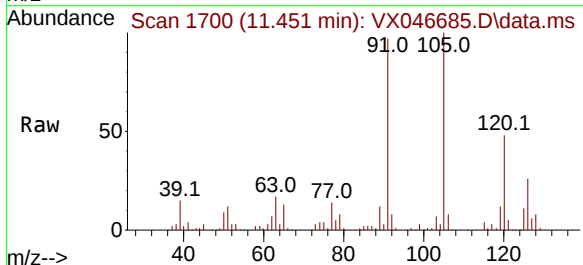
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

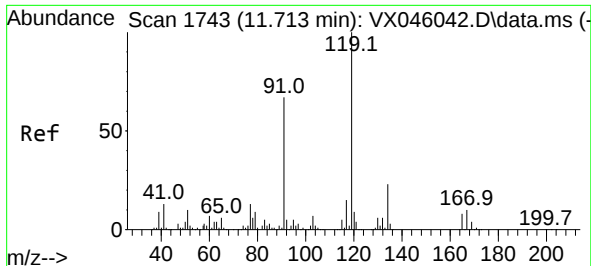
Tgt Ion: 75 Resp: 7850  
Ion Ratio Lower Upper  
75 100  
53 116.0 100.5 150.7  
89 44.3 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 20.299 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 91 Resp: 79949  
Ion Ratio Lower Upper  
91 100  
126 28.2 13.3 39.8

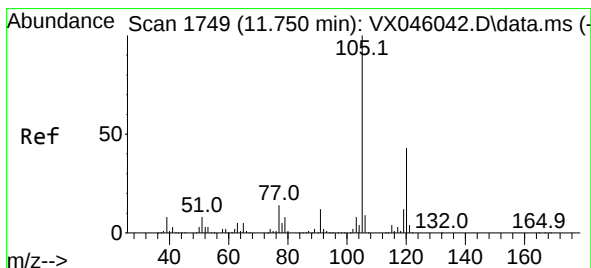
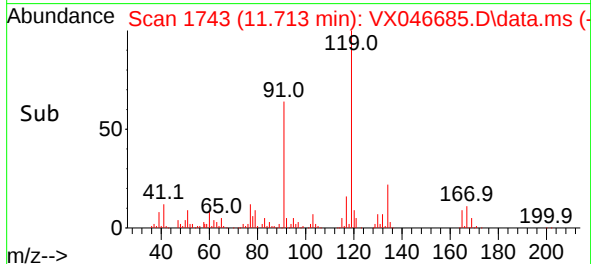
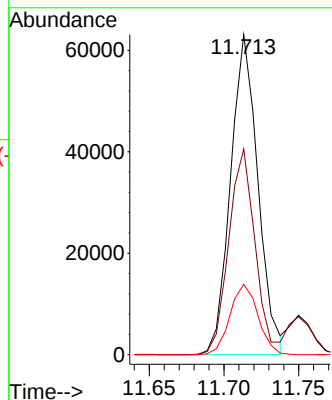
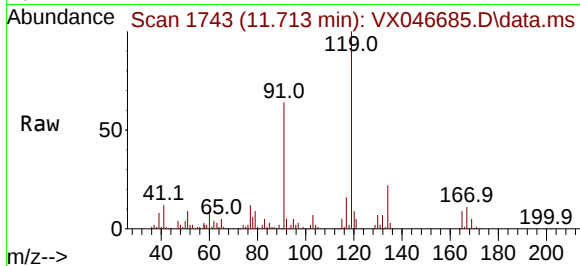




#83  
tert-Butylbenzene  
Concen: 20.804 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

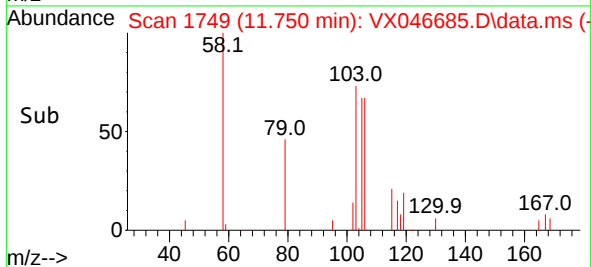
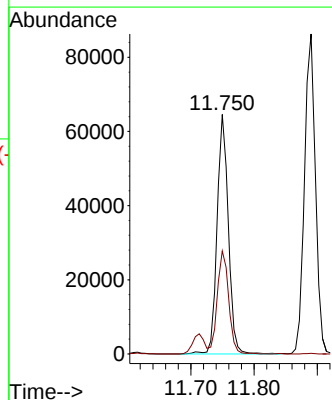
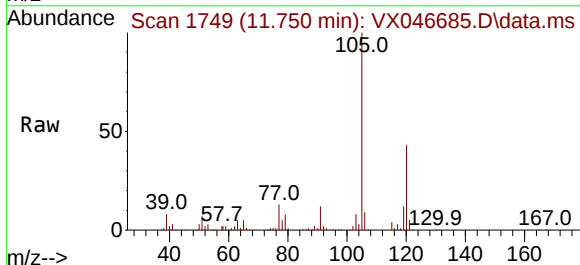
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion:119 Resp: 80342  
Ion Ratio Lower Upper  
119 100  
91 62.0 32.9 98.7  
134 22.5 11.4 34.1



#84  
1,2,4-Trimethylbenzene  
Concen: 20.733 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion:105 Resp: 79571  
Ion Ratio Lower Upper  
105 100  
120 43.6 21.2 63.6

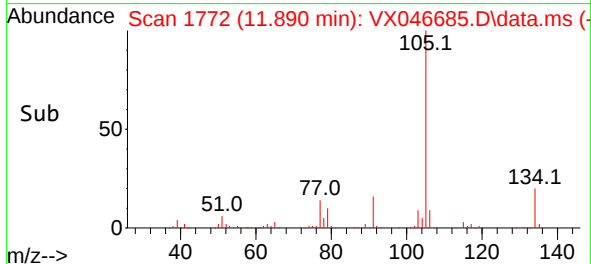
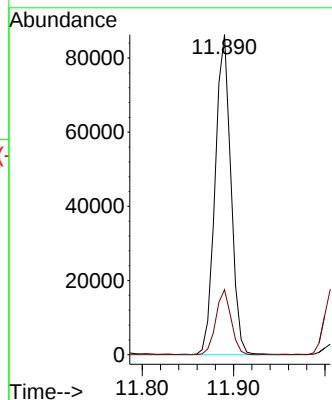
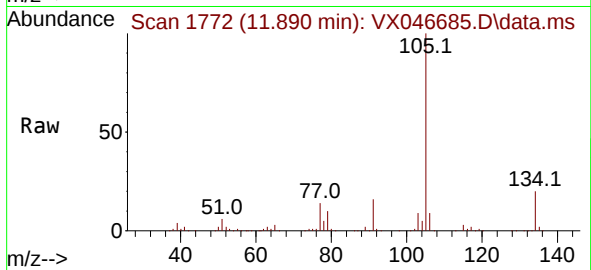




#85  
sec-Butylbenzene  
Concen: 20.804 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

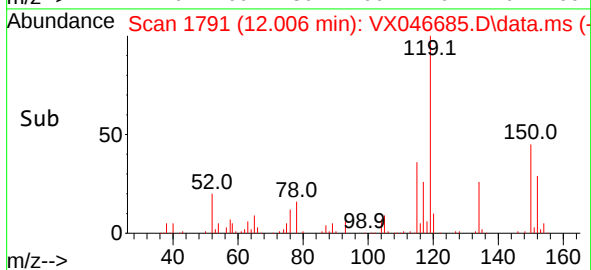
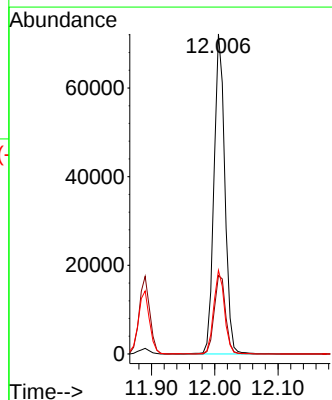
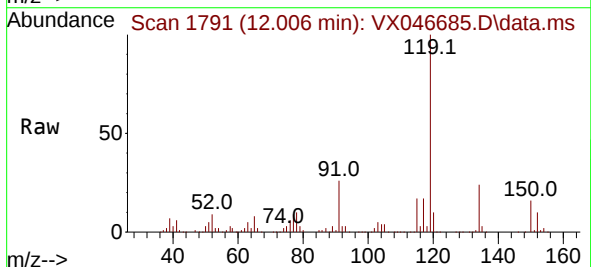
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion:105 Resp: 103234  
Ion Ratio Lower Upper  
105 100  
134 19.6 9.7 29.1



#86  
p-Isopropyltoluene  
Concen: 20.797 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion:119 Resp: 86035  
Ion Ratio Lower Upper  
119 100  
134 25.5 12.5 37.5  
91 26.0 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 21.259 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0613WBS02

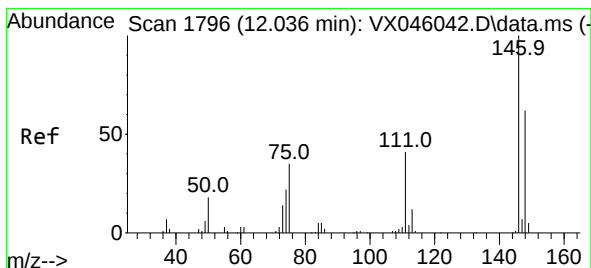
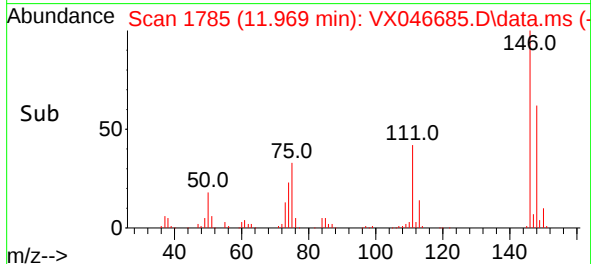
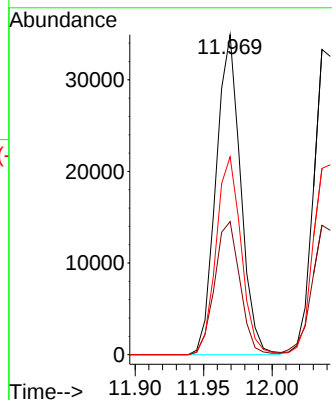
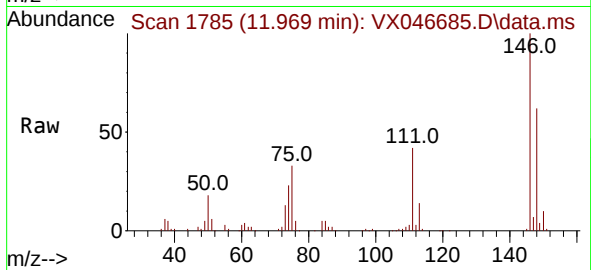
Tgt Ion:146 Resp: 43622

Ion Ratio Lower Upper

146 100

111 42.7 22.1 66.3

148 62.8 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 20.310 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

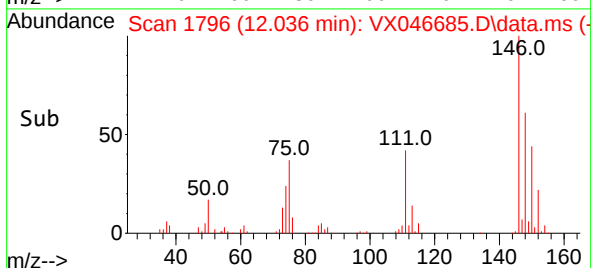
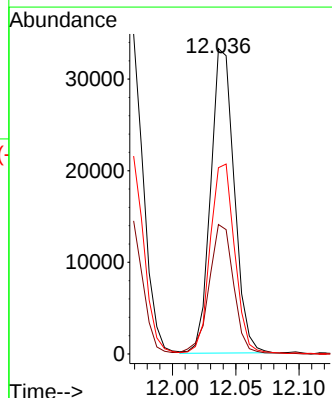
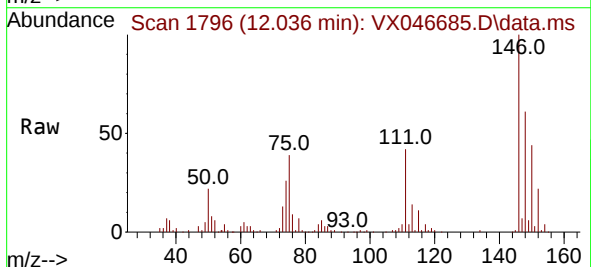
Tgt Ion:146 Resp: 43183

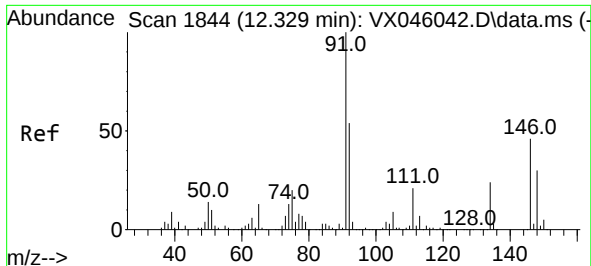
Ion Ratio Lower Upper

146 100

111 44.5 21.3 63.9

148 65.3 31.9 95.5





#89

n-Butylbenzene

Concen: 20.295 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0613WBS02

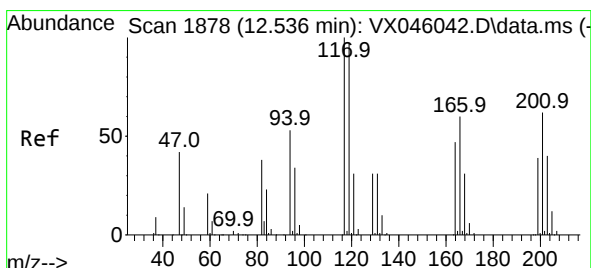
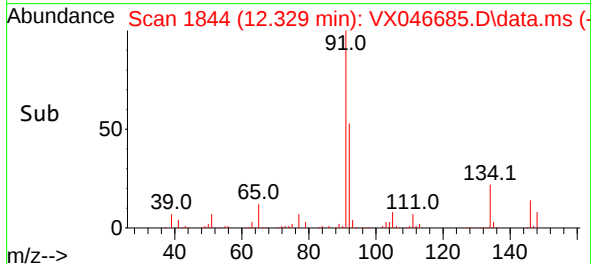
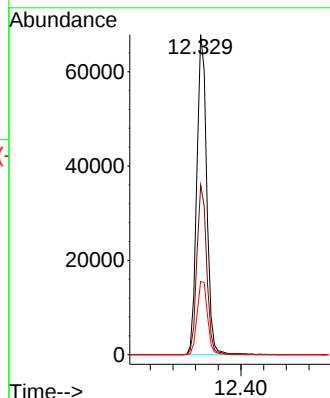
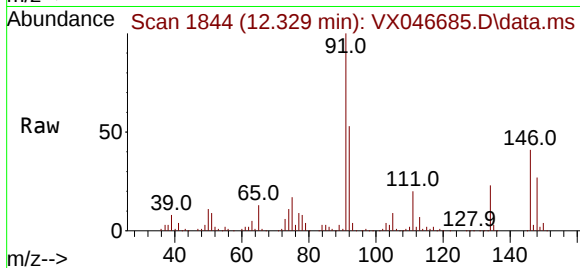
Tgt Ion: 91 Resp: 82450

Ion Ratio Lower Upper

91 100

92 52.6 26.9 80.7

134 23.9 11.8 35.3



#90

Hexachloroethane

Concen: 19.196 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046685.D

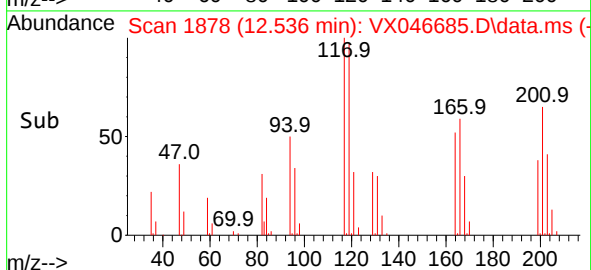
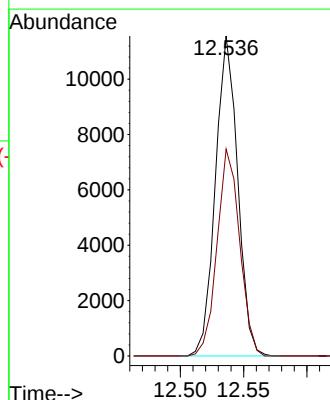
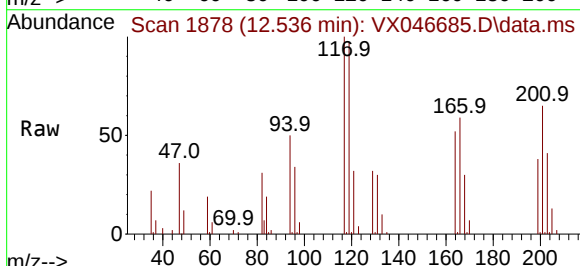
Acq: 13 Jun 2025 13:45

Tgt Ion: 117 Resp: 14114

Ion Ratio Lower Upper

117 100

201 65.8 31.6 94.7

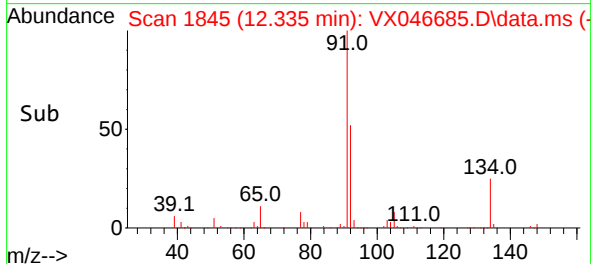
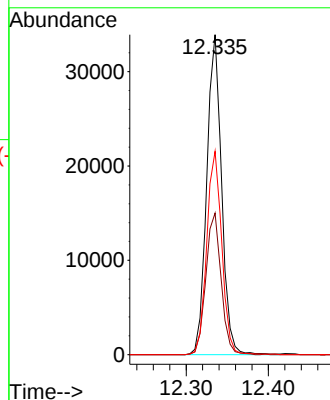
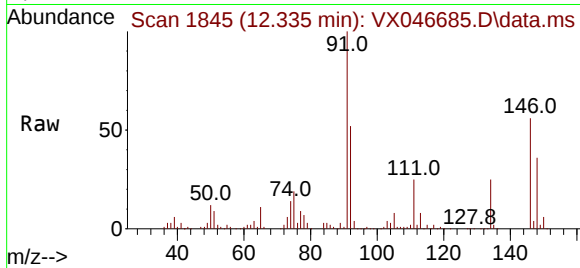




#91  
1,2-Dichlorobenzene  
Concen: 21.509 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

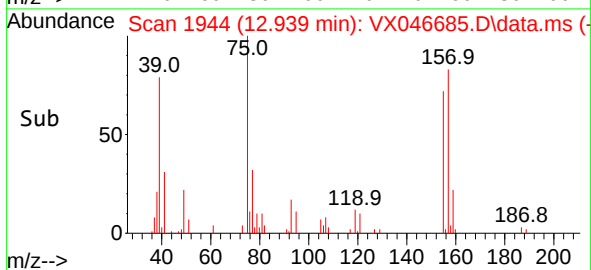
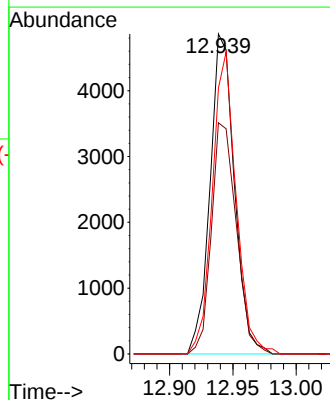
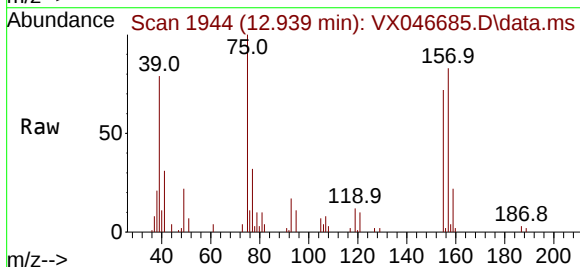
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion:146 Resp: 42603  
Ion Ratio Lower Upper  
146 100  
111 45.5 22.4 67.3  
148 64.4 31.6 94.8



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.965 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion: 75 Resp: 6515  
Ion Ratio Lower Upper  
75 100  
155 73.9 34.9 104.8  
157 92.0 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 20.787 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0613WBS02

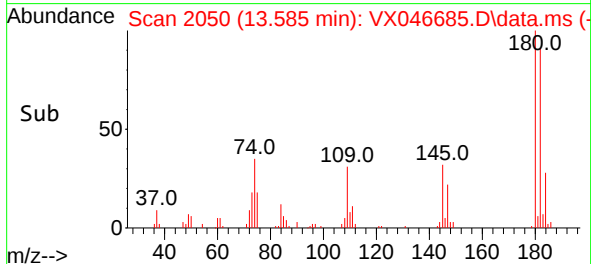
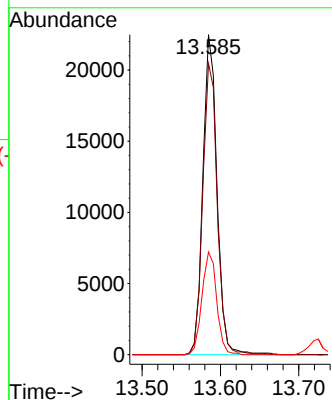
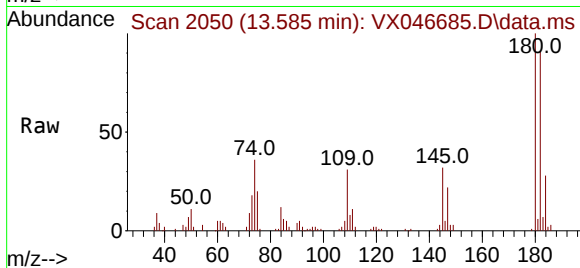
Tgt Ion:180 Resp: 28086

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.8

145 33.5 17.1 51.2



#94

Hexachlorobutadiene

Concen: 19.953 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX046685.D

Acq: 13 Jun 2025 13:45

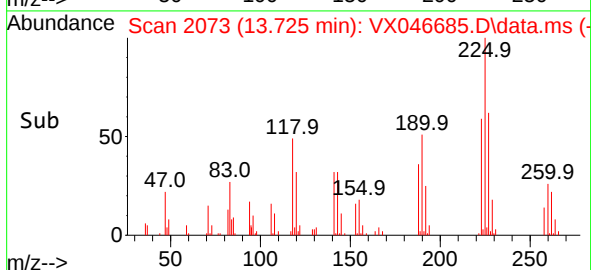
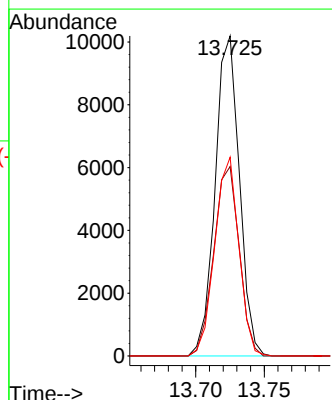
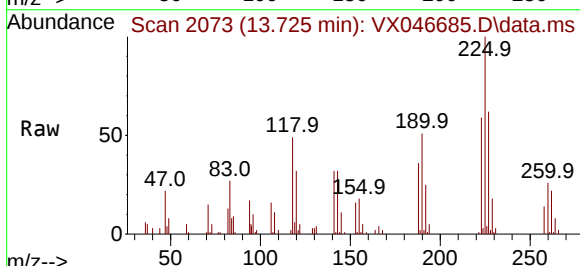
Tgt Ion:225 Resp: 12529

Ion Ratio Lower Upper

225 100

223 62.0 30.8 92.4

227 61.7 30.9 92.7

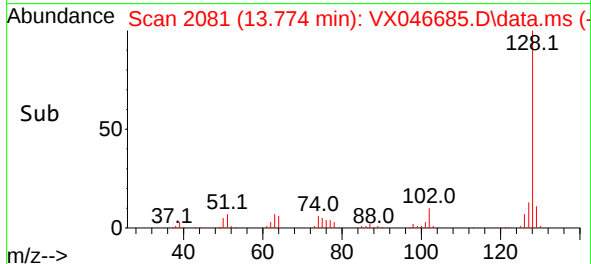
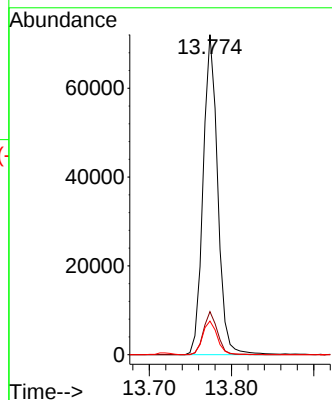
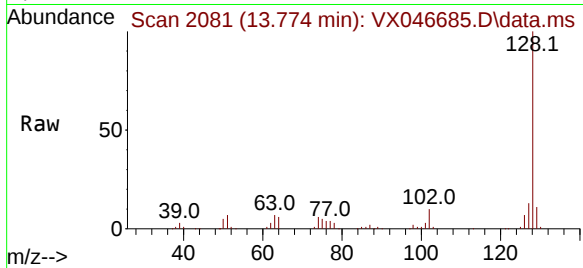




#95  
Naphthalene  
Concen: 20.701 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0613WBS02

Tgt Ion:128 Resp: 88699  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.4 15.6  
129 10.6 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 19.907 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: VX046685.D  
Acq: 13 Jun 2025 13:45

Tgt Ion:180 Resp: 26971  
Ion Ratio Lower Upper  
180 100  
182 97.1 47.8 143.3  
145 36.2 18.1 54.3

