

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012325\  
 Data File : VX044708.D  
 Acq On : 23 Jan 2025 15:12  
 Operator : JC/MD  
 Sample : Q1168-08 5.0PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 24 05:01:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jan 17 01:21:41 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.891  | 128   | 32362    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.751  | 114   | 177314   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.049 | 117   | 156822   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.946  | 65    | 84499    | 27.047   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 90.167%# |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 89499    | 29.382   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 97.933%  |
| 63) Toluene-d8               | 8.641  | 98    | 260887   | 30.586   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 101.967% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 11626    | 4.041    | ug/l   | 99       |
| 3) Chloromethane             | 1.294  | 50    | 15121    | 4.996    | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 14896    | 5.030    | ug/l   | 94       |
| 5) Bromomethane              | 1.593  | 94    | 3416     | 4.773    | ug/l   | 97       |
| 6) Chloroethane              | 1.666  | 64    | 6765     | 14.407   | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 1.874  | 101   | 15214    | 4.691    | ug/l   | 96       |
| 8) Diethyl Ether             | 2.130  | 74    | 5076     | 4.057    | ug/l   | 82       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 11731    | 5.049    | ug/l   | 98       |
| 10) 1,1-Dichloroethene       | 2.312  | 96    | 12627    | 5.282    | ug/l   | 97       |
| 11) Methyl Iodide            | 2.447  | 142   | 13421    | 4.052    | ug/l   | 97       |
| 12) Methyl Acetate           | 2.697  | 43    | 14490    | 4.152    | ug/l   | 99       |
| 13) Acrolein                 | 2.233  | 56    | 10837    | 28.080   | ug/l   | 96       |
| 14) Acrylonitrile            | 3.056  | 53    | 29104    | 22.887   | ug/l   | 99       |
| 15) Acetone                  | 2.380  | 58    | 7930     | 23.240   | ug/l   | 92       |
| 16) Carbon Disulfide         | 2.501  | 76    | 34078    | 5.130    | ug/l   | 97       |
| 17) Allyl chloride           | 2.654  | 41    | 21673    | 5.028    | ug/l   | 97       |
| 18) Methylene Chloride       | 2.782  | 84    | 13520    | 5.054    | ug/l   | 95       |
| 19) trans-1,2-Dichloroethene | 3.081  | 96    | 11713    | 4.928    | ug/l   | 94       |
| 20) Diisopropyl ether        | 3.751  | 45    | 40836    | 5.219    | ug/l # | 79       |
| 21) 1,1-Dichloroethane       | 3.599  | 63    | 23254    | 5.010    | ug/l   | 97       |
| 22) cis-1,2-Dichloroethene   | 4.483  | 96    | 14700    | 4.997    | ug/l   | 98       |
| 23) tert-Butyl Alcohol       | 2.947  | 59    | 5919     | 9.624    | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.105  | 73    | 39037    | 4.713    | ug/l   | 98       |
| 25) Chloroform               | 5.080  | 83    | 22793    | 4.942    | ug/l   | 95       |
| 26) Cyclohexane              | 5.458  | 56    | 21148    | 5.421    | ug/l # | 97       |
| 29) 1,1-Dichloropropene      | 5.684  | 75    | 15372    | 4.984    | ug/l   | 96       |
| 30) 2-Butanone               | 4.556  | 43    | 37440    | 22.099   | ug/l   | 97       |
| 31) 2,2-Dichloropropane      | 4.465  | 77    | 19968    | 4.679    | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.367  | 97    | 19548    | 4.783    | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 5.666  | 117   | 16146    | 4.683    | ug/l   | 91       |
| 34) Benzene                  | 6.031  | 78    | 50707    | 5.153    | ug/l   | 98       |
| 35) Methacrylonitrile        | 4.916  | 41    | 8983     | 4.744    | ug/l   | 92       |
| 36) 1,2-Dichloroethane       | 6.074  | 62    | 15707    | 4.465    | ug/l   | 95       |
| 37) Trichloroethene          | 7.117  | 130   | 11337    | 4.772    | ug/l   | 99       |
| 38) Methylcyclohexane        | 7.373  | 83    | 21503    | 5.131    | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 7.427  | 63    | 12118    | 4.939    | ug/l   | 93       |
| 40) Dibromomethane           | 7.580  | 93    | 8625     | 4.728    | ug/l   | 99       |
| 41) Bromodichloromethane     | 7.818  | 83    | 17390    | 4.617    | ug/l   | 95       |
| 42) Vinyl Acetate            | 3.715  | 43    | 166696   | 24.775   | ug/l   | 100      |

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 Operator : JC/MD  
 Sample : Q1168-08 5.0PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

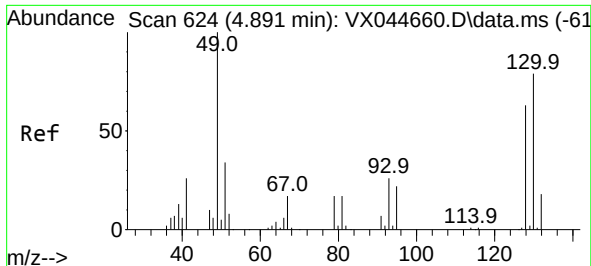
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 24 05:01:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jan 17 01:21:41 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 43) Ethyl Acetate             | 4.714  | 43   | 16454    | 4.951  | ug/l # | 98       |
| 44) Isopropyl Acetate         | 6.336  | 43   | 27434    | 4.595  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 7.671  | 88   | 4133     | 72.697 | ug/l # | 89       |
| 46) Methyl methacrylate       | 7.696  | 41   | 12778    | 4.372  | ug/l   | 97       |
| 47) n-amyl Acetate            | 10.841 | 43   | 24268    | 4.843  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 17975    | 4.521  | ug/l   | 95       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 20386    | 4.782  | ug/l   | 95       |
| 50) 1,1,2-Trichloroethane     | 9.147  | 97   | 11692    | 4.977  | ug/l   | 94       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 18656    | 4.571  | ug/l   | 97       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 21178    | 5.212  | ug/l   | 97       |
| 53) Dibromochloromethane      | 9.518  | 129  | 13051    | 4.649  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 12052    | 4.853  | ug/l   | 96       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 47744    | 24.110 | ug/l   | 98       |
| 56) Bromoform                 | 10.799 | 173  | 8297     | 4.457  | ug/l   | 97       |
| 58) 4-Methyl-2-Pentanone      | 8.567  | 43   | 76753    | 23.219 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 53365    | 22.051 | ug/l   | 99       |
| 61) Tetrachloroethene         | 9.269  | 164  | 9263     | 4.924  | ug/l   | 98       |
| 62) Toluene                   | 8.714  | 91   | 51197    | 4.958  | ug/l   | 99       |
| 64) Chlorobenzene             | 10.073 | 112  | 31467    | 4.907  | ug/l   | 95       |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 11150    | 4.840  | ug/l   | 97       |
| 66) Ethyl Benzene             | 10.189 | 91   | 57166    | 5.073  | ug/l   | 98       |
| 67) m/p-Xylenes               | 10.299 | 106  | 42467    | 10.252 | ug/l   | 98       |
| 68) o-Xylene                  | 10.640 | 106  | 21270    | 5.116  | ug/l   | 100      |
| 69) Styrene                   | 10.652 | 104  | 33852    | 4.959  | ug/l   | 98       |
| 70) Isopropylbenzene          | 10.957 | 105  | 53366    | 5.106  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 17808    | 5.068  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 17860    | 6.042  | ug/l   | 93       |
| 73) Bromobenzene              | 11.195 | 156  | 12139    | 4.986  | ug/l   | 99       |
| 74) n-propylbenzene           | 11.299 | 91   | 60577    | 5.103  | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 11.360 | 91   | 39175    | 5.249  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 44351    | 5.225  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 5850     | 4.183  | ug/l   | 97       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 42157    | 5.126  | ug/l   | 100      |
| 79) tert-butylbenzene         | 11.713 | 119  | 45449    | 5.212  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 42162    | 4.923  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 53821    | 5.169  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 43761    | 5.107  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 21475    | 4.966  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 21429    | 5.054  | ug/l   | 98       |
| 85) n-Butylbenzene            | 12.329 | 91   | 36763    | 4.949  | ug/l   | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 9090     | 4.822  | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 21822    | 5.053  | ug/l   | 100      |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 3570     | 4.219  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 12705    | 4.734  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 5358     | 5.161  | ug/l   | 98       |
| 91) Naphthalene               | 13.774 | 128  | 45616    | 4.543  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 13061    | 4.785  | ug/l   | 99       |

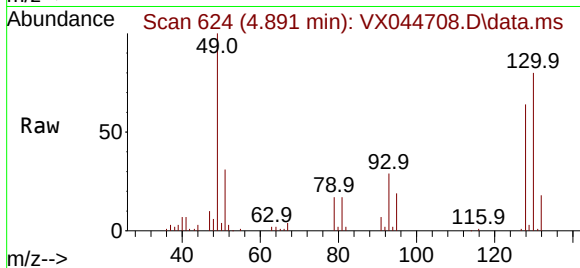
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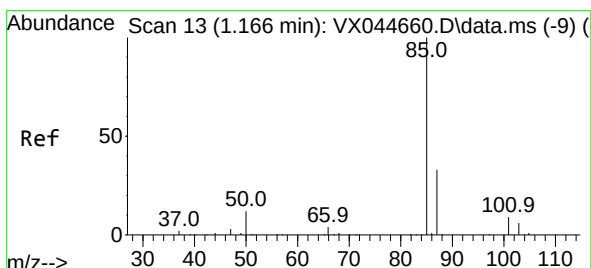
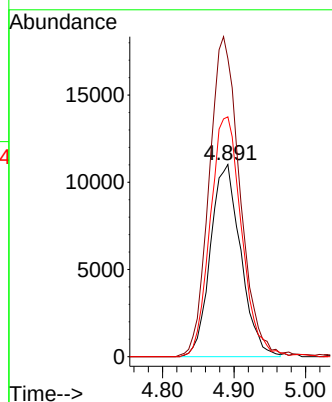
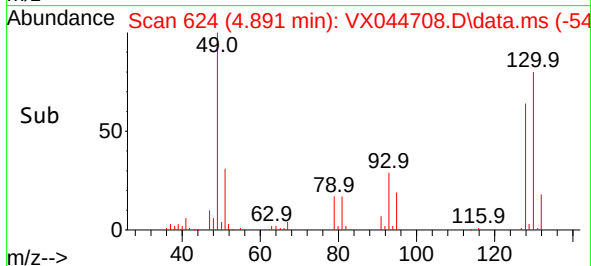


#1  
 Bromochloromethane  
 Concen: 30.000 ug/l  
 RT: 4.891 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: VX044708.D  
 Acq: 23 Jan 2025 15:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :

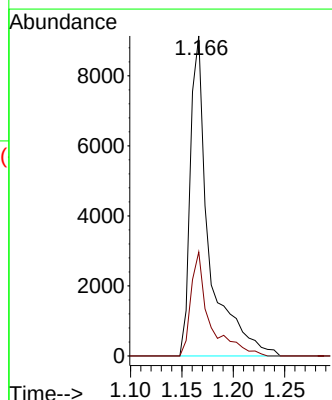
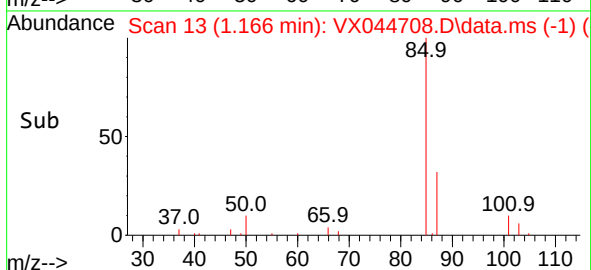
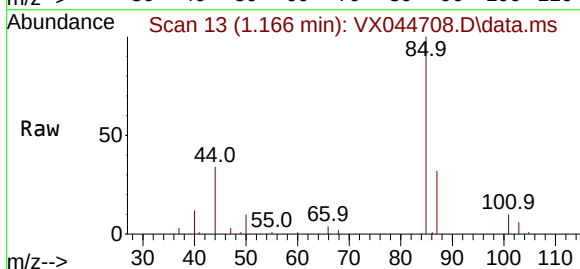


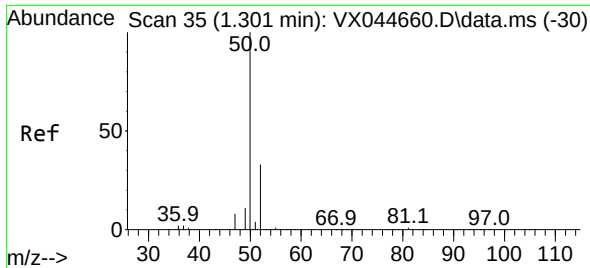
Tgt Ion:128 Resp: 32362  
 Ion Ratio Lower Upper  
 128 100  
 49 168.8 0.0 411.5  
 130 129.4 0.0 324.3



#2  
 Dichlorodifluoromethane  
 Concen: 4.041 ug/l  
 RT: 1.166 min Scan# 13  
 Delta R.T. -0.000 min  
 Lab File: VX044708.D  
 Acq: 23 Jan 2025 15:12

Tgt Ion: 85 Resp: 11626  
 Ion Ratio Lower Upper  
 85 100  
 87 32.5 16.6 49.8

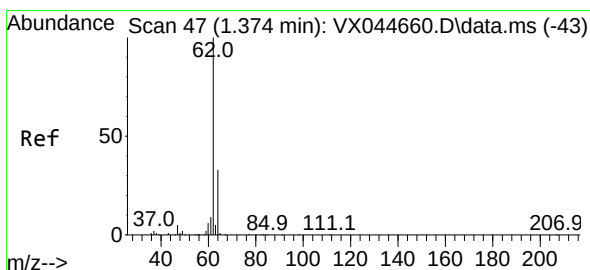
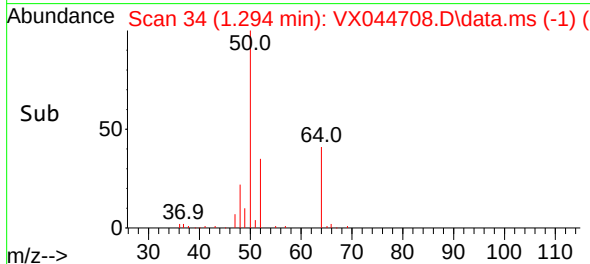
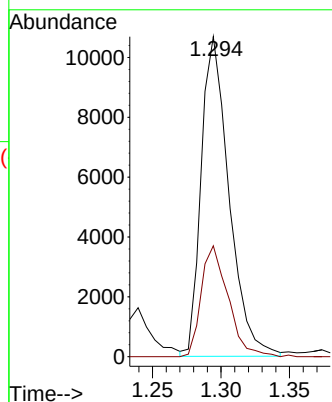
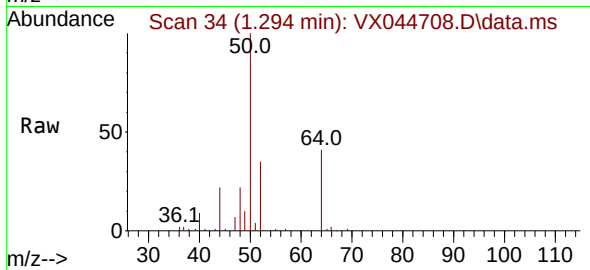




#3  
Chloromethane  
Concen: 4.996 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

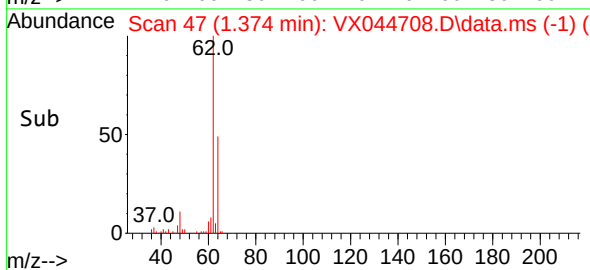
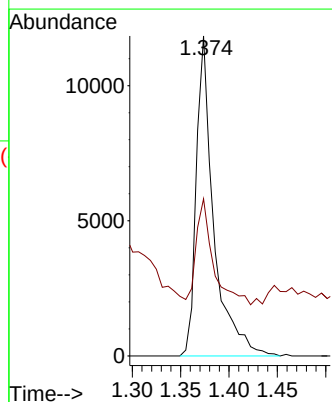
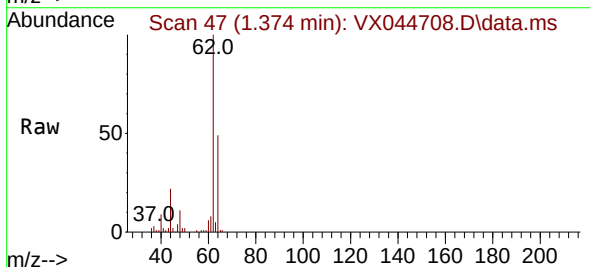
Instrument :  
MSVOA\_X  
ClientSampleId :

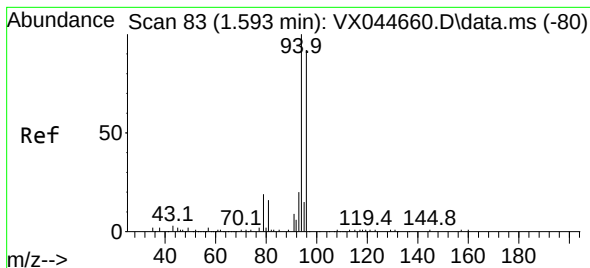
Tgt Ion: 50 Resp: 15121  
Ion Ratio Lower Upper  
50 100  
52 35.1 26.5 39.7



#4  
Vinyl Chloride  
Concen: 5.030 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 62 Resp: 14896  
Ion Ratio Lower Upper  
62 100  
64 30.4 27.3 40.9

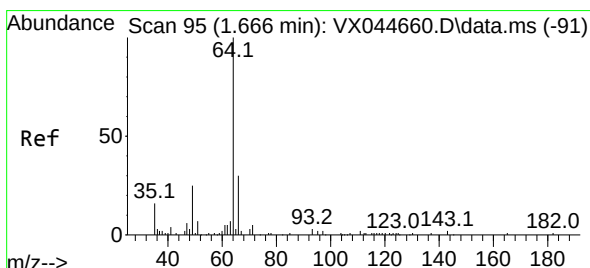
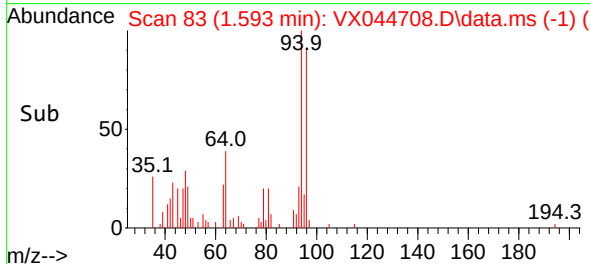
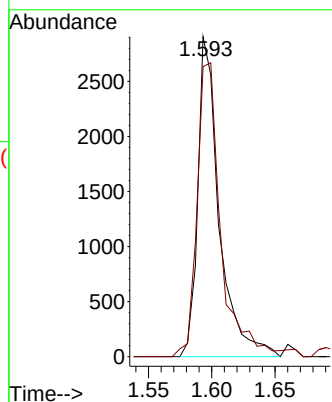
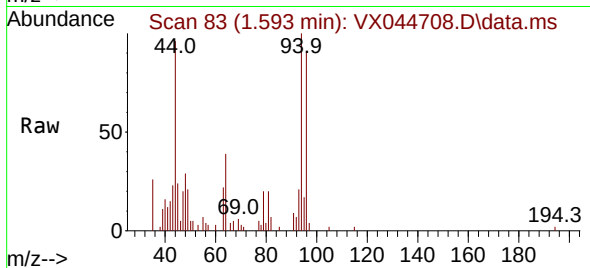




#5  
Bromomethane  
Concen: 4.773 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

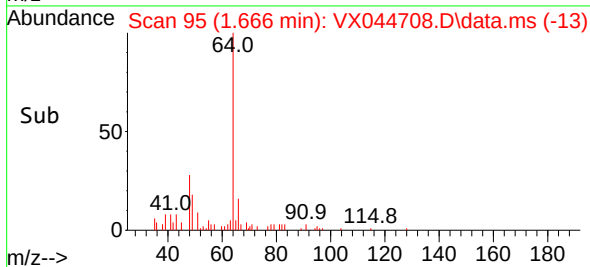
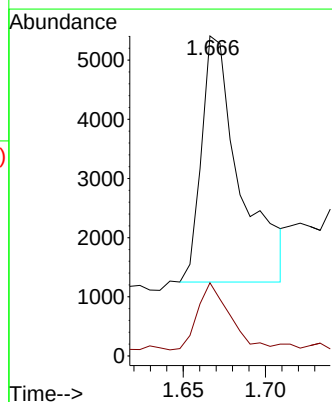
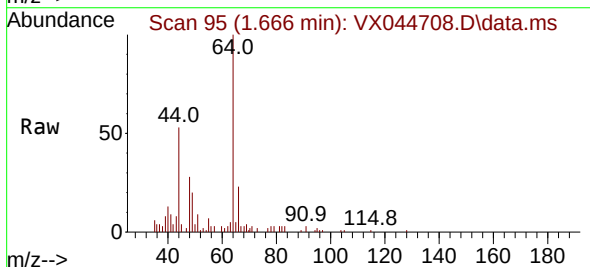
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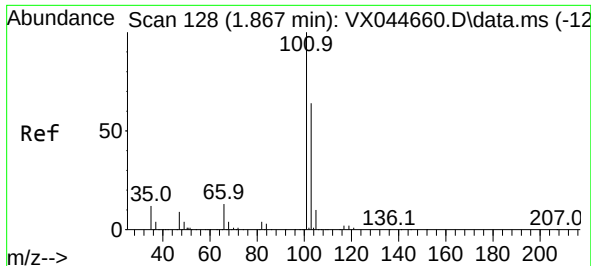
Tgt Ion: 94 Resp: 3416  
Ion Ratio Lower Upper  
94 100  
96 88.7 73.3 109.9



#6  
Chloroethane  
Concen: 14.407 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

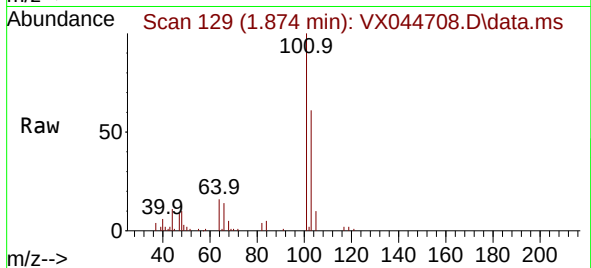
Tgt Ion: 64 Resp: 6765  
Ion Ratio Lower Upper  
64 100  
66 26.8 23.8 35.6



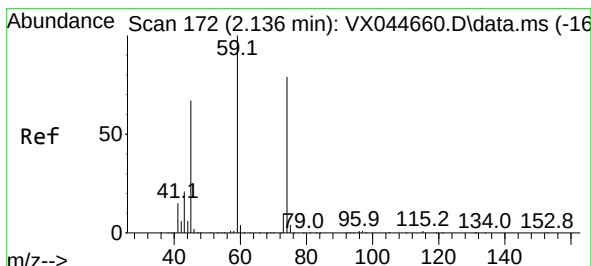
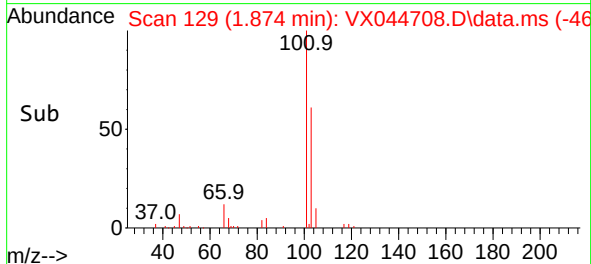
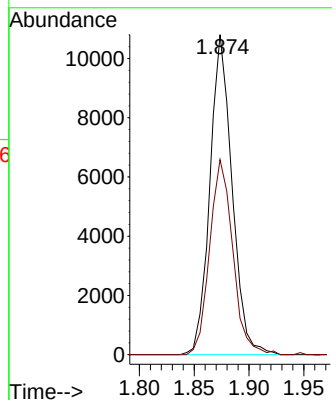


#7  
Trichlorofluoromethane  
Concen: 4.691 ug/l  
RT: 1.874 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :

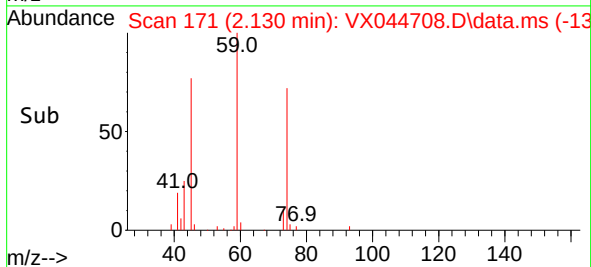
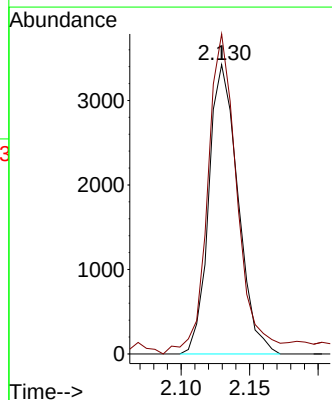
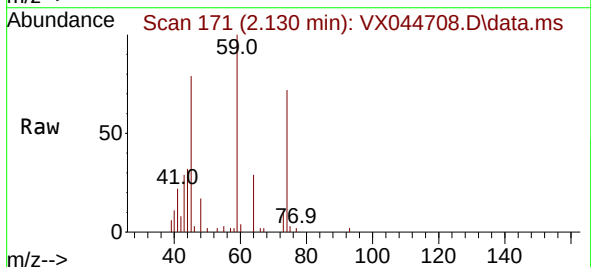


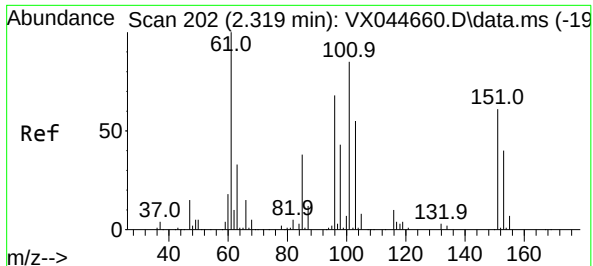
Tgt Ion:101 Resp: 15214  
Ion Ratio Lower Upper  
101 100  
103 60.9 51.1 76.7



#8  
Diethyl Ether  
Concen: 4.057 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 74 Resp: 5076  
Ion Ratio Lower Upper  
74 100  
45 111.1 18.8 168.8

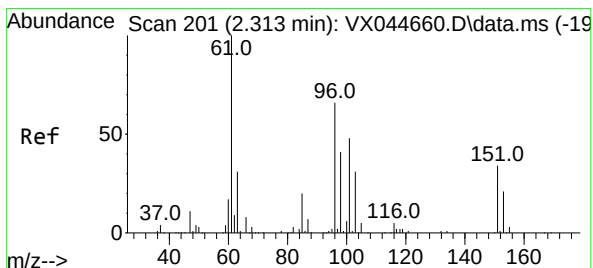
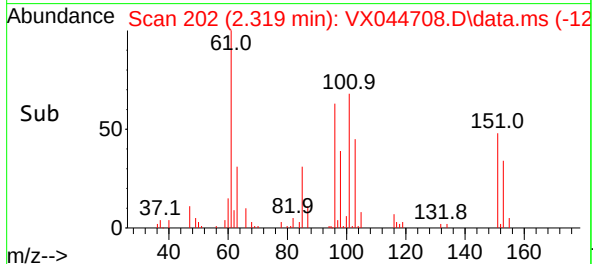
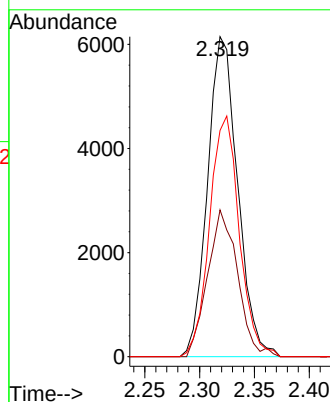
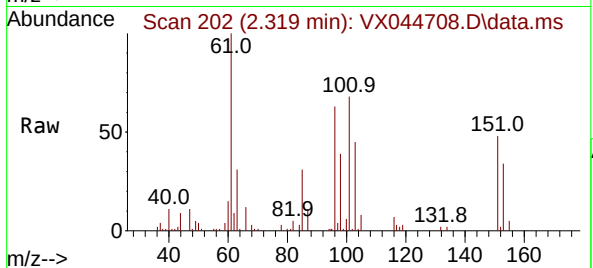




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.049 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

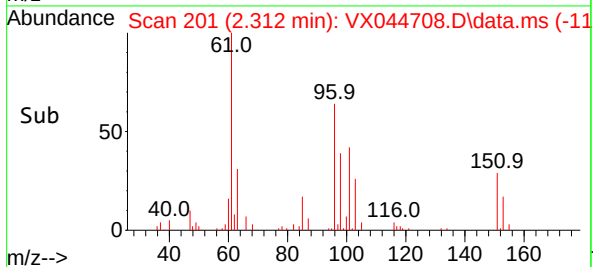
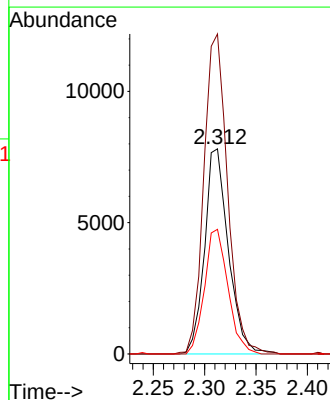
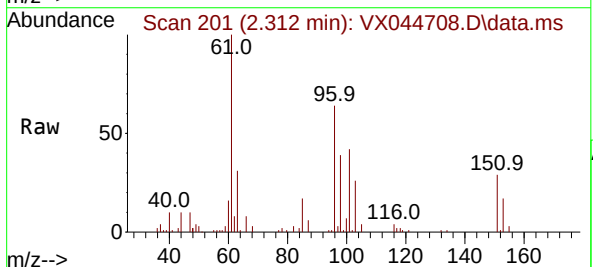
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:101 Resp: 11731  
Ion Ratio Lower Upper  
101 100  
85 45.7 0.0 88.0  
151 74.3 0.0 147.0

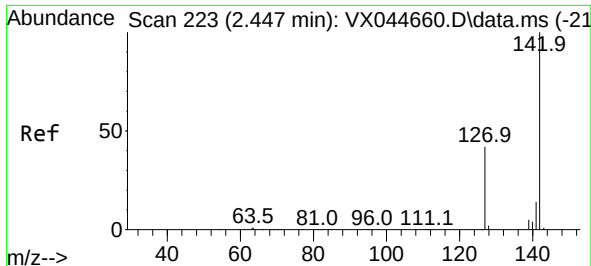


#10  
1,1-Dichloroethene  
Concen: 5.282 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 96 Resp: 12627  
Ion Ratio Lower Upper  
96 100  
61 156.0 121.6 182.4  
98 60.7 50.3 75.5

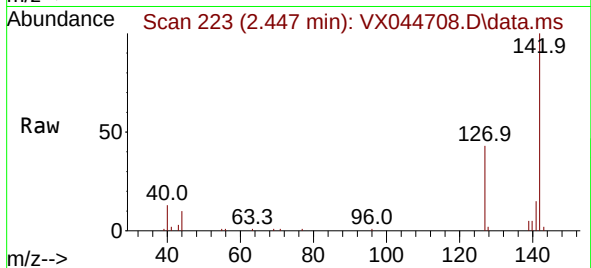




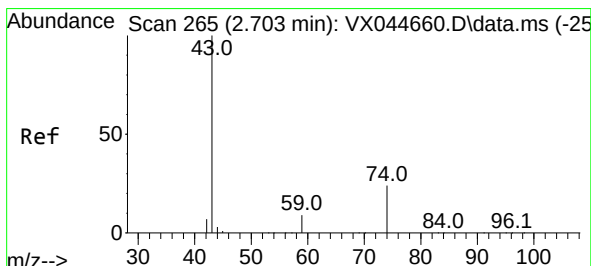
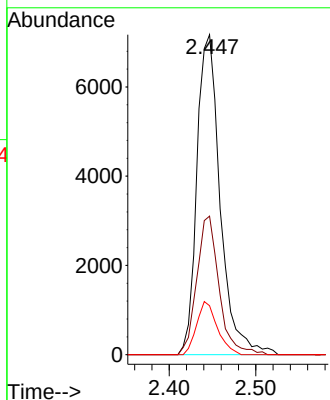
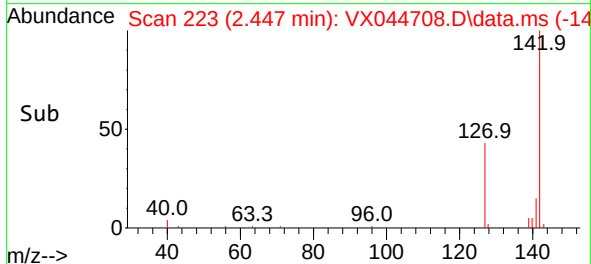


#11  
Methyl Iodide  
Concen: 4.052 ug/l  
RT: 2.447 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

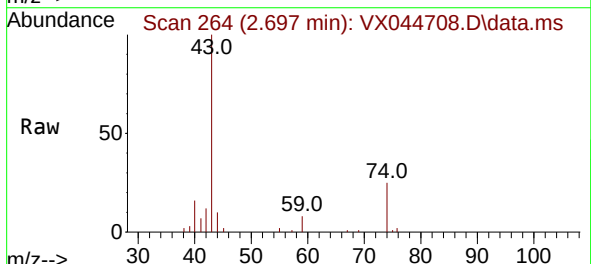
Instrument :  
MSVOA\_X  
ClientSampleId :



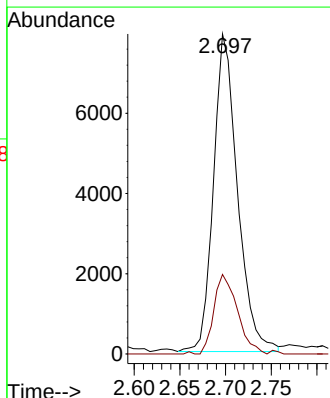
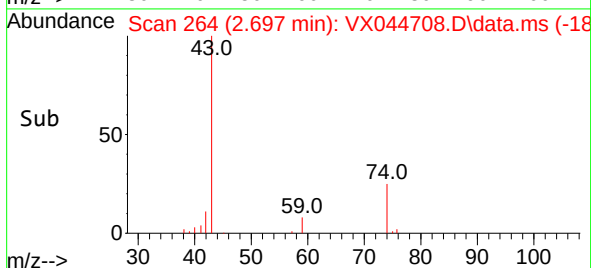
Tgt Ion:142 Resp: 13421  
Ion Ratio Lower Upper  
142 100  
127 43.3 20.8 62.4  
141 15.3 7.0 20.9

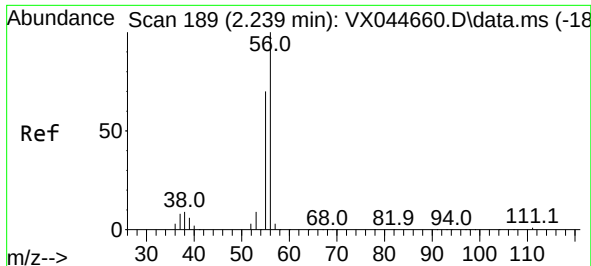


#12  
Methyl Acetate  
Concen: 4.152 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12



Tgt Ion: 43 Resp: 14490  
Ion Ratio Lower Upper  
43 100  
74 24.9 19.4 29.2

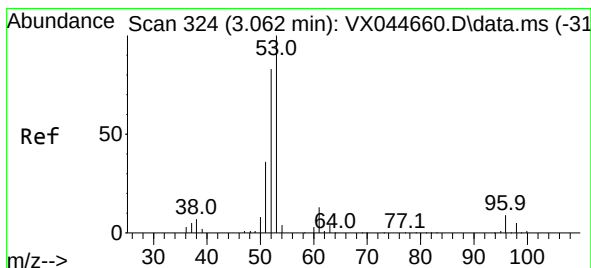
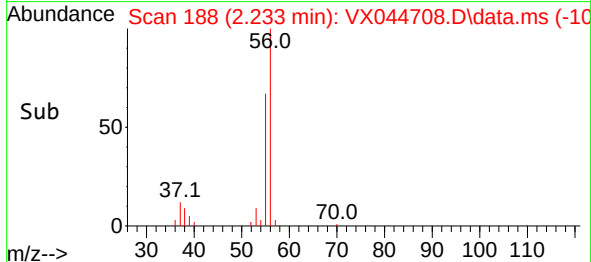
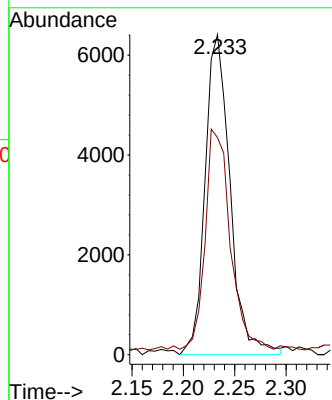
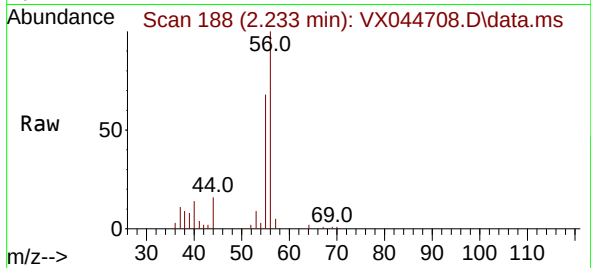




#13  
Acrolein  
Concen: 28.080 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

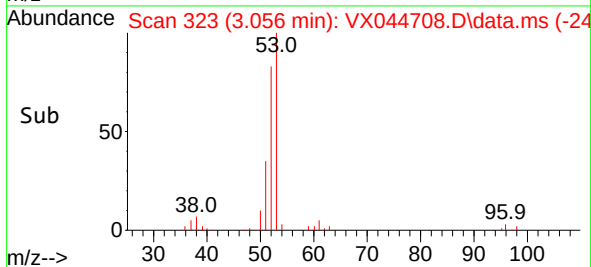
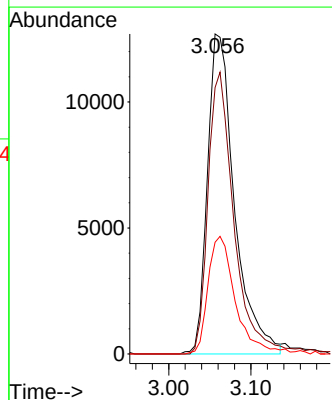
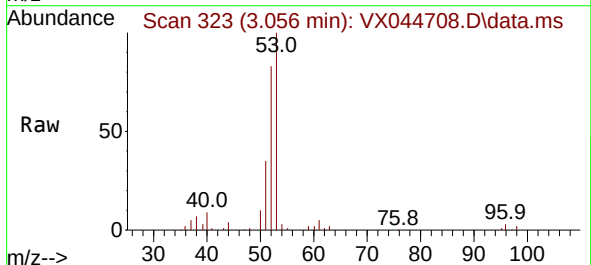
Instrument :  
MSVOA\_X  
ClientSampleId :

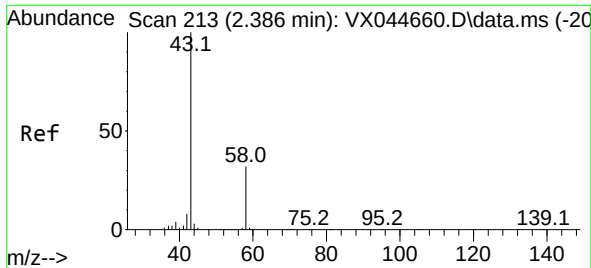
Tgt Ion: 56 Resp: 10837  
Ion Ratio Lower Upper  
56 100  
55 68.3 57.5 86.3



#14  
Acrylonitrile  
Concen: 22.887 ug/l  
RT: 3.056 min Scan# 323  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 53 Resp: 29104  
Ion Ratio Lower Upper  
53 100  
52 83.9 41.4 124.2  
51 36.7 18.1 54.4

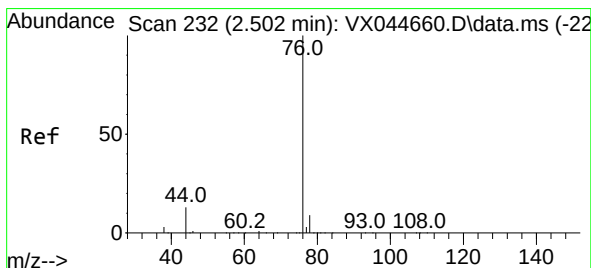
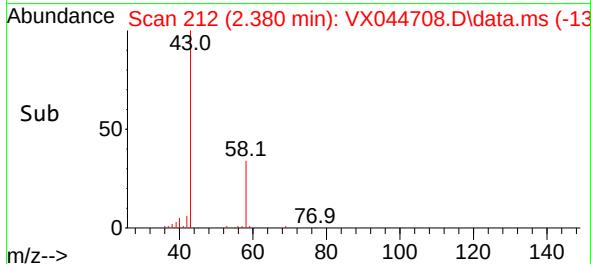
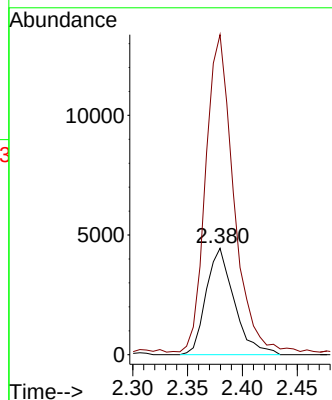
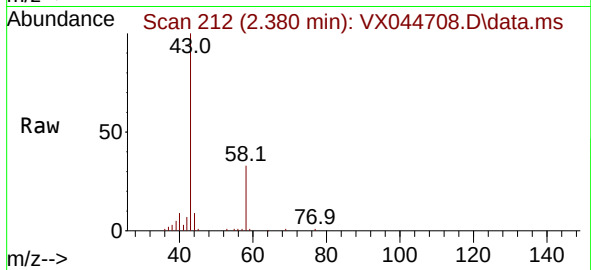




#15  
Acetone  
Concen: 23.240 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

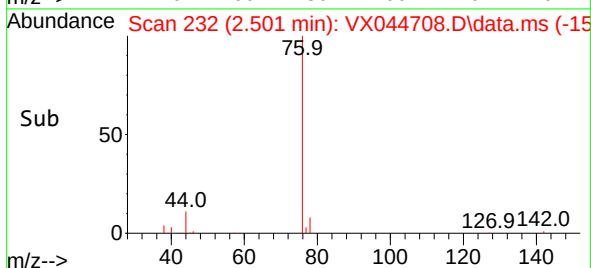
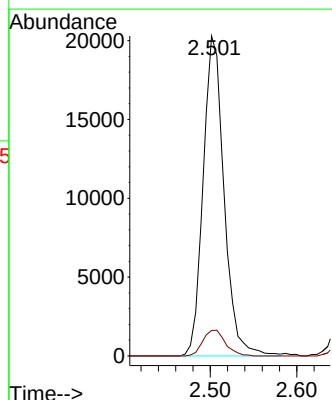
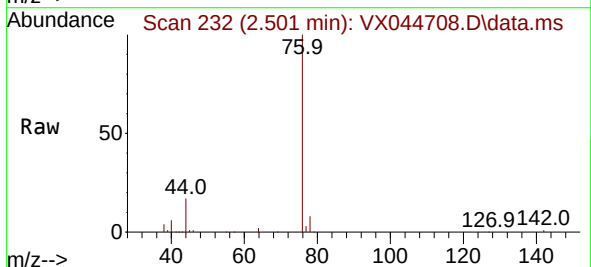
Instrument :  
MSVOA\_X  
ClientSampleId :

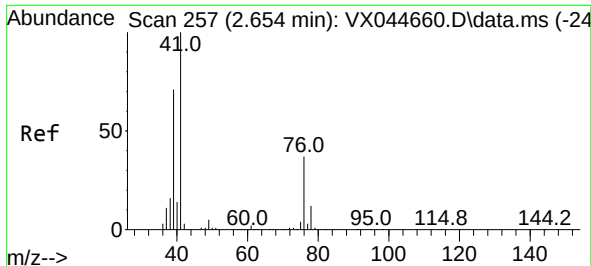
Tgt Ion: 58 Resp: 7930  
Ion Ratio Lower Upper  
58 100  
43 298.0 251.0 376.4



#16  
Carbon Disulfide  
Concen: 5.130 ug/l  
RT: 2.501 min Scan# 232  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 76 Resp: 34078  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.3 10.9





#17

Allyl chloride

Concen: 5.028 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

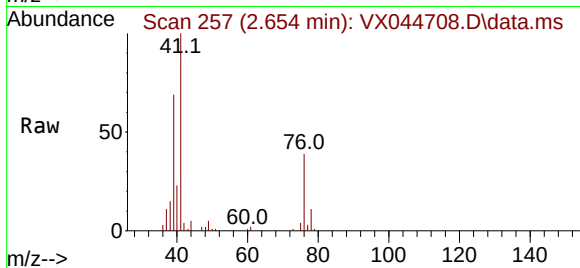
Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA\_X

ClientSampleId :



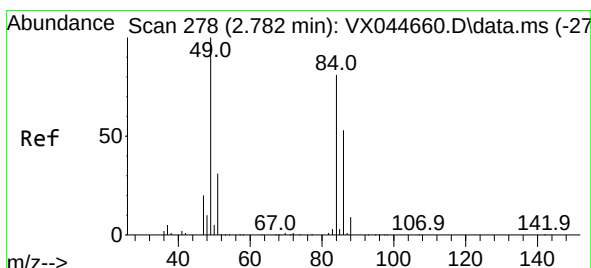
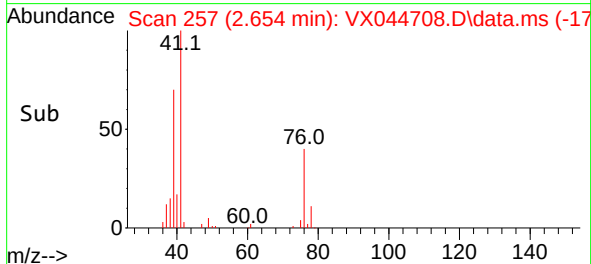
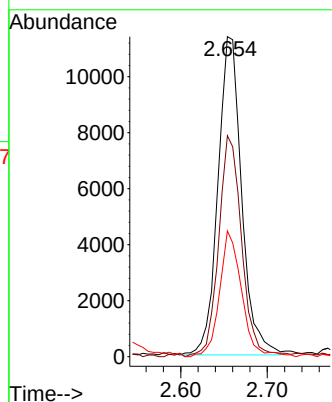
Tgt Ion: 41 Resp: 21673

Ion Ratio Lower Upper

41 100

39 68.3 35.6 106.8

76 38.7 18.9 56.5



#18

Methylene Chloride

Concen: 5.054 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion: 84 Resp: 13520

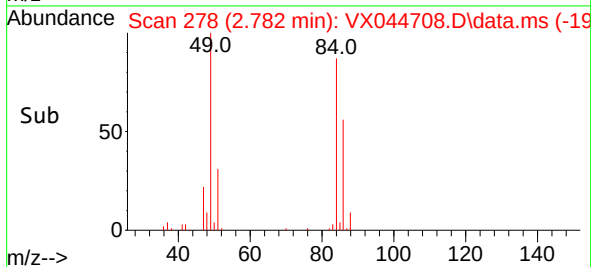
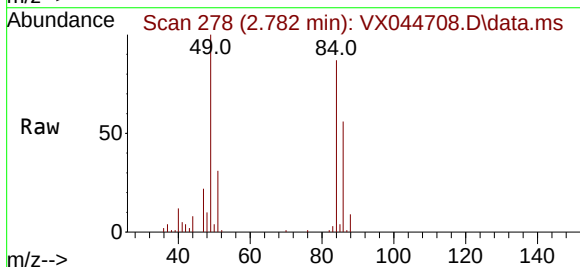
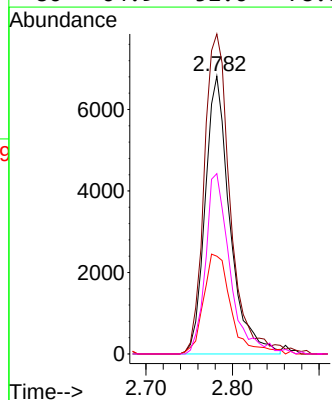
Ion Ratio Lower Upper

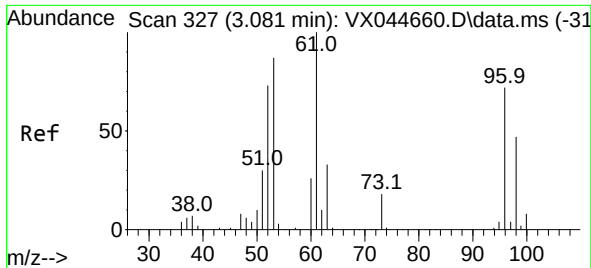
84 100

49 115.2 98.3 147.5

51 35.2 30.6 46.0

86 64.9 52.6 78.8

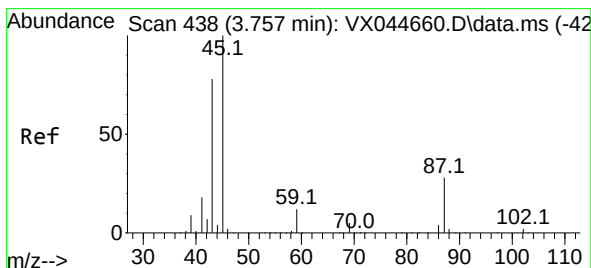
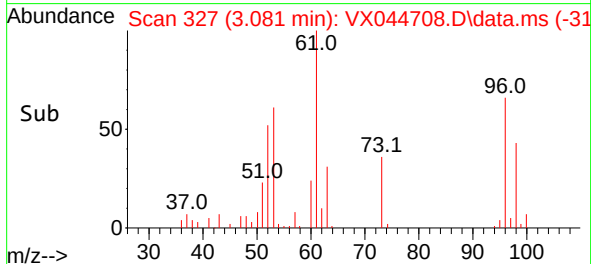
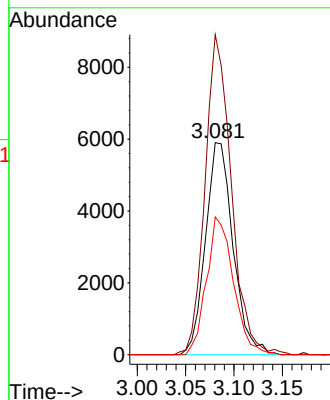
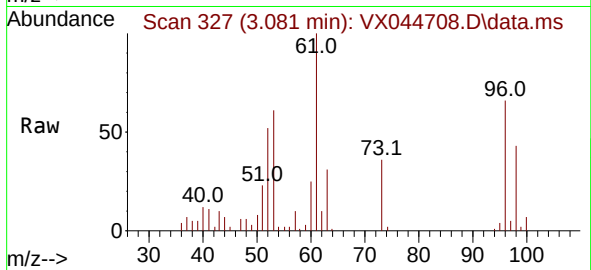




#19  
trans-1,2-Dichloroethene  
Concen: 4.928 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

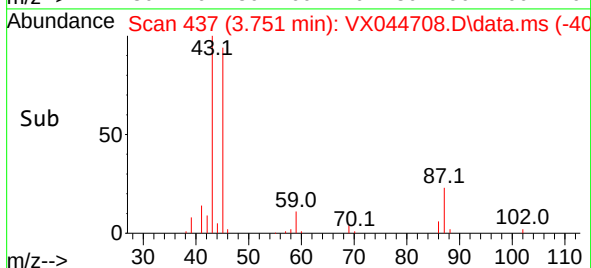
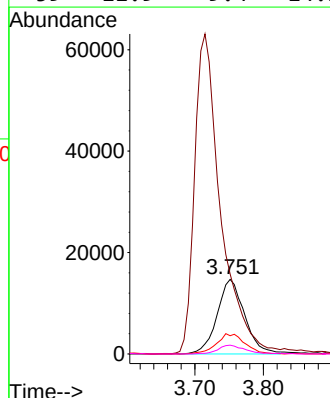
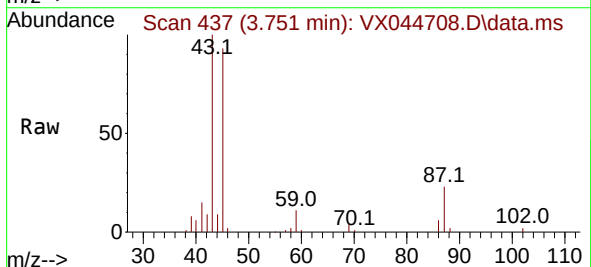
Instrument :  
MSVOA\_X  
ClientSampleId :

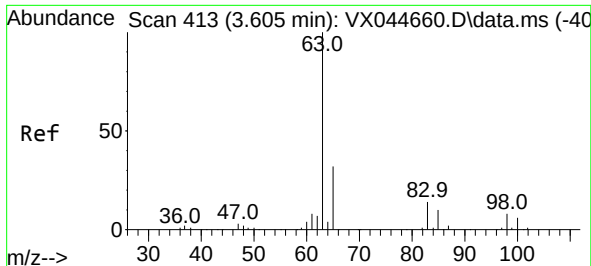
Tgt Ion: 96 Resp: 11713  
Ion Ratio Lower Upper  
96 100  
61 149.6 111.5 167.3  
98 65.0 52.6 79.0



#20  
Diisopropyl ether  
Concen: 5.219 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 45 Resp: 40836  
Ion Ratio Lower Upper  
45 100  
43 103.9 62.6 94.0#  
87 24.5 22.7 34.1  
59 11.9 9.4 14.2

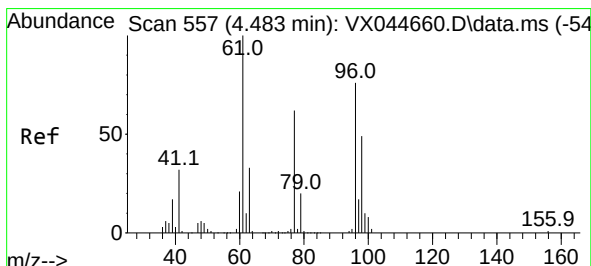
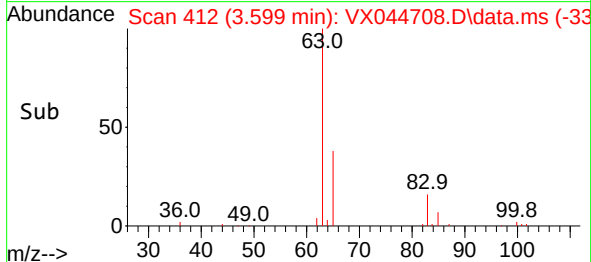
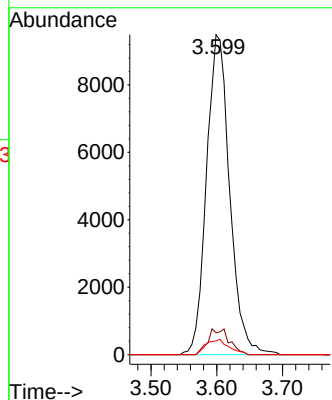
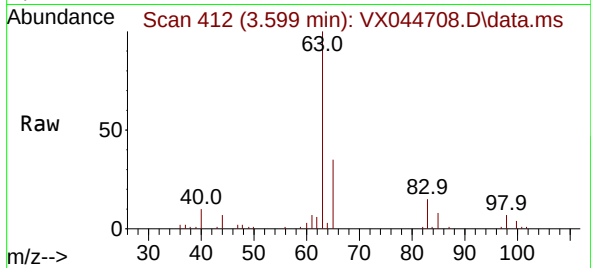




#21  
1,1-Dichloroethane  
Concen: 5.010 ug/l  
RT: 3.599 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

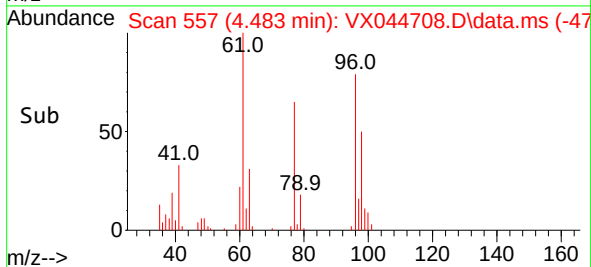
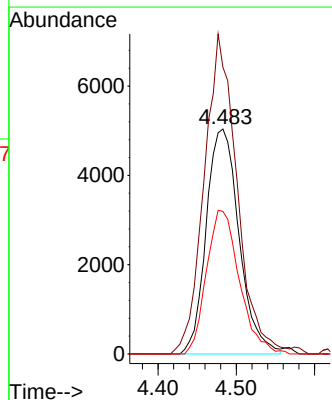
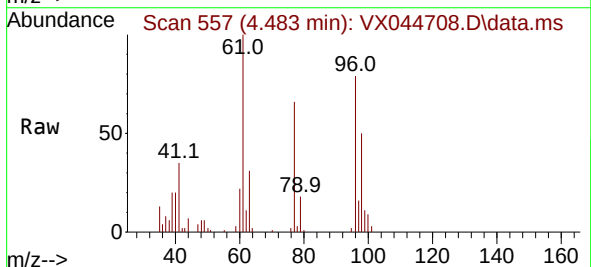
Instrument :  
MSVOA\_X  
ClientSampleId :

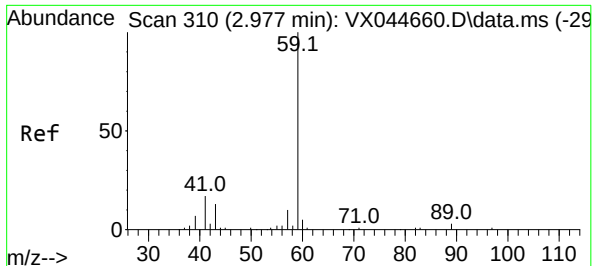
Tgt Ion: 63 Resp: 23254  
Ion Ratio Lower Upper  
63 100  
98 6.8 4.0 11.9  
100 4.3 2.8 8.3



#22  
cis-1,2-Dichloroethene  
Concen: 4.997 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 96 Resp: 14700  
Ion Ratio Lower Upper  
96 100  
61 141.7 115.2 172.8  
98 63.6 51.8 77.6

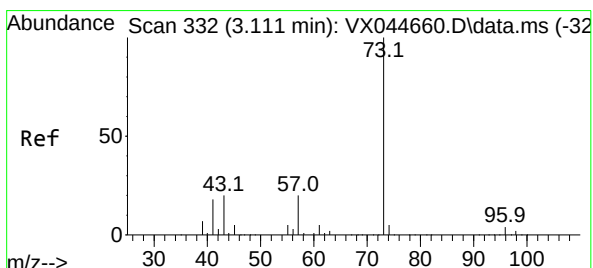
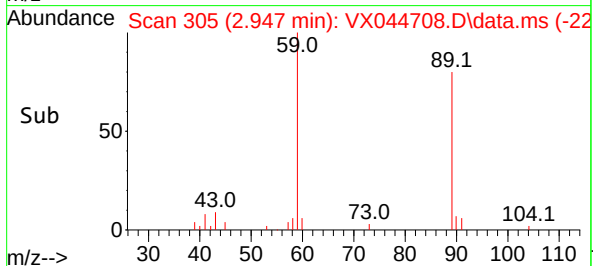
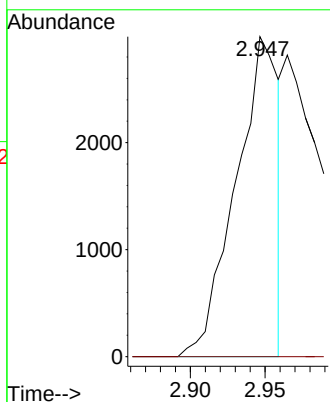
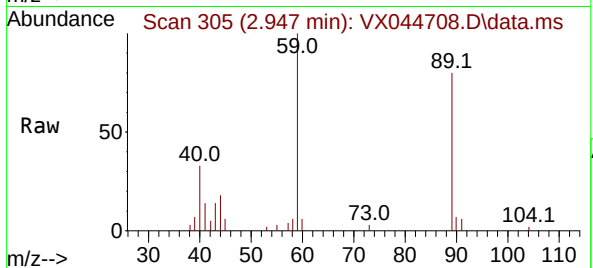




#23  
tert-Butyl Alcohol  
Concen: 9.624 ug/l  
RT: 2.947 min Scan# 305  
Delta R.T. -0.031 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

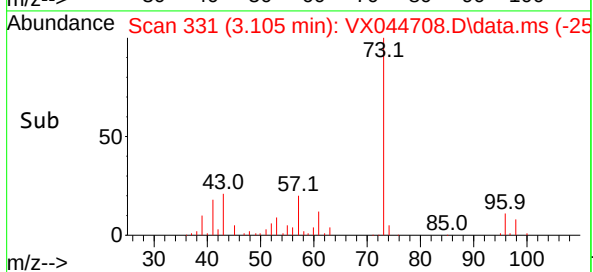
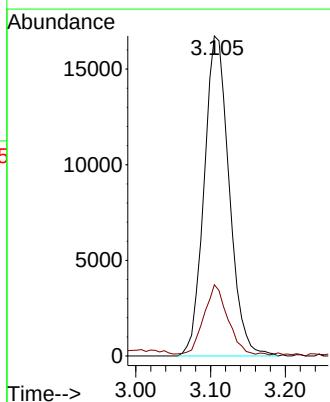
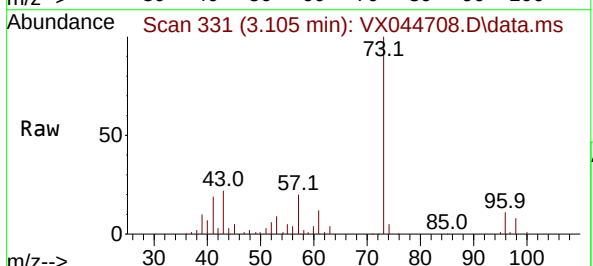
Instrument :  
MSVOA\_X  
ClientSampleId :

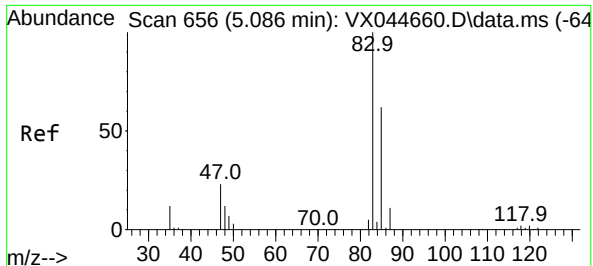
Tgt Ion: 59 Resp: 5919  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.1 0.1#



#24  
Methyl tert-Butyl Ether  
Concen: 4.713 ug/l  
RT: 3.105 min Scan# 331  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 73 Resp: 39037  
Ion Ratio Lower Upper  
73 100  
43 20.3 16.9 25.3





#25

Chloroform

Concen: 4.942 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA\_X

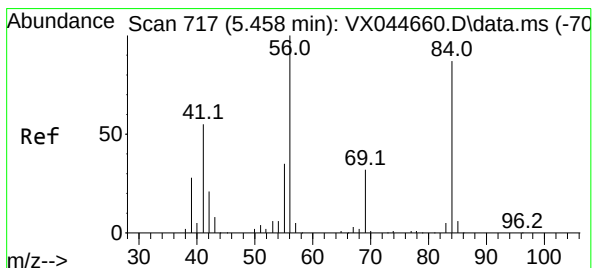
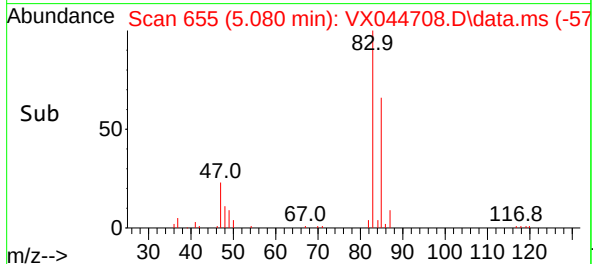
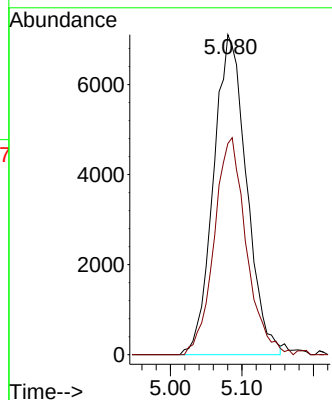
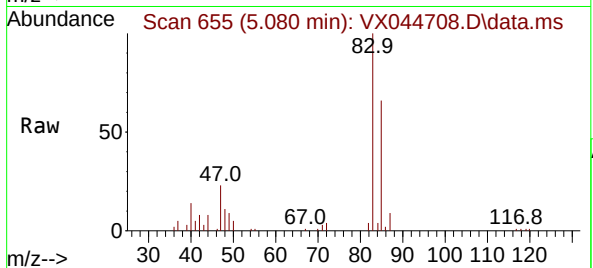
ClientSampleId :

Tgt Ion: 83 Resp: 22793

Ion Ratio Lower Upper

83 100

85 66.0 49.4 74.2



#26

Cyclohexane

Concen: 5.421 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

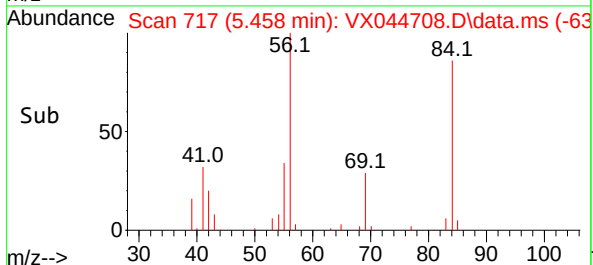
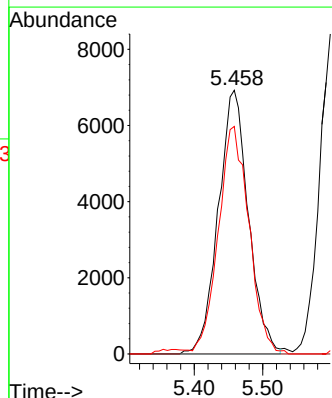
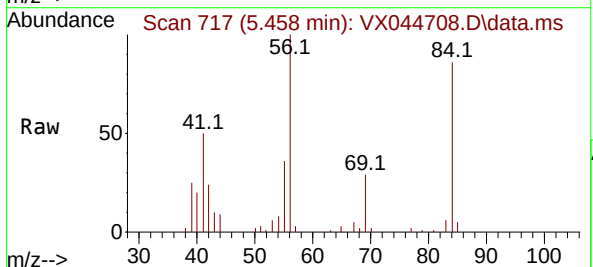
Tgt Ion: 56 Resp: 21148

Ion Ratio Lower Upper

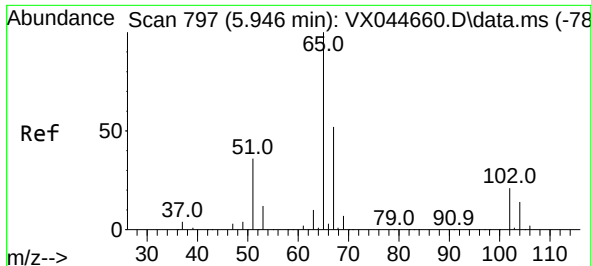
56 100

89 0.0 0.0 0.0

84 87.4 72.2 108.4



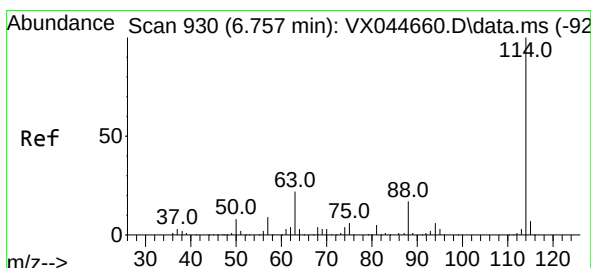
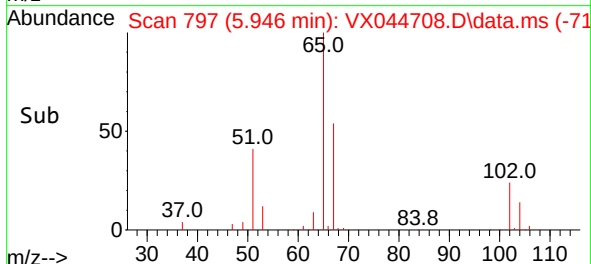
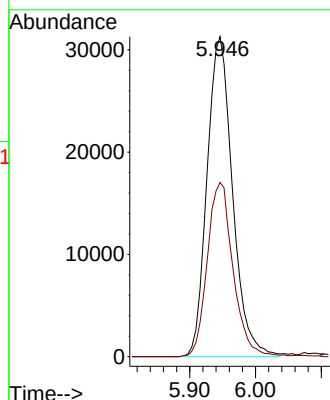
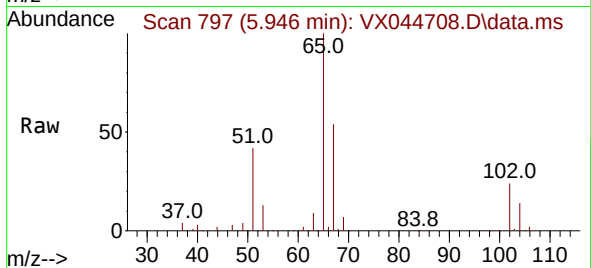




#27  
 1,2-Dichloroethane-d4  
 Concen: 27.047 ug/l  
 RT: 5.946 min Scan# 797  
 Delta R.T. -0.000 min  
 Lab File: VX044708.D  
 Acq: 23 Jan 2025 15:12

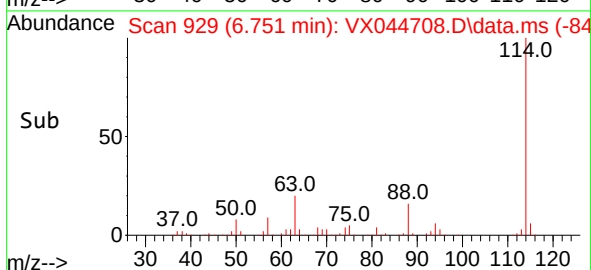
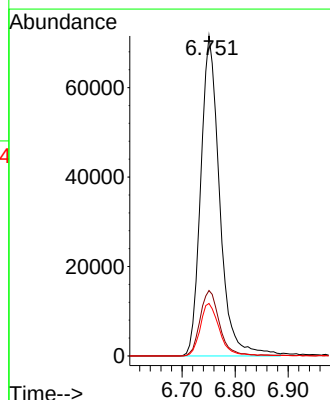
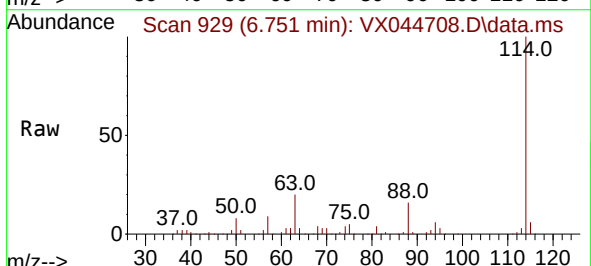
Instrument :  
 MSVOA\_X  
 ClientSampleId :

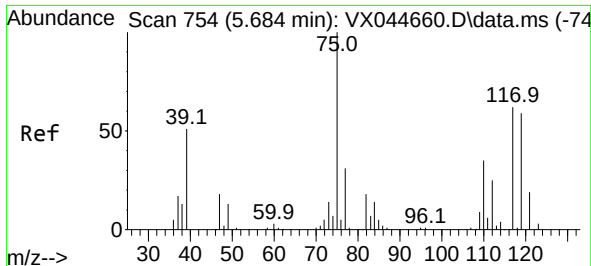
Tgt Ion: 65 Resp: 84499  
 Ion Ratio Lower Upper  
 65 100  
 67 54.9 41.4 62.2



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.751 min Scan# 929  
 Delta R.T. -0.006 min  
 Lab File: VX044708.D  
 Acq: 23 Jan 2025 15:12

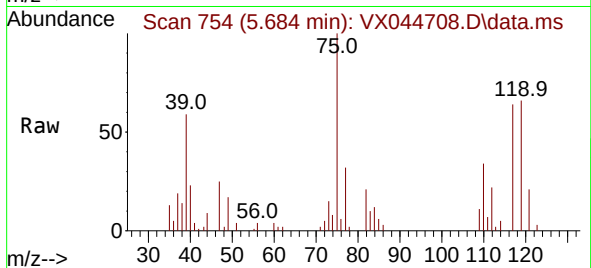
Tgt Ion: 114 Resp: 177314  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 16.6 24.8  
 88 16.6 13.4 20.2





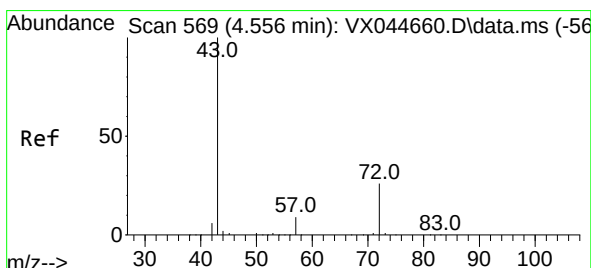
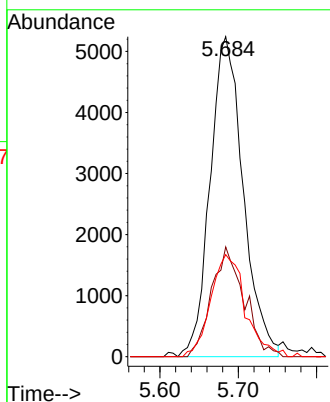
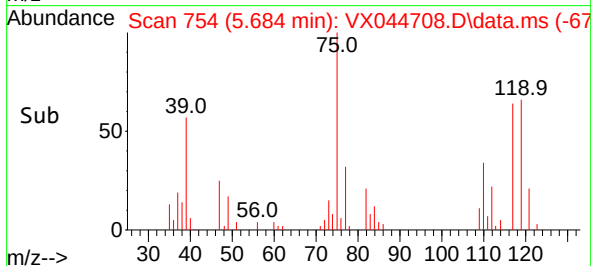
#29  
1,1-Dichloropropene  
Concen: 4.984 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 75 Resp: 15372

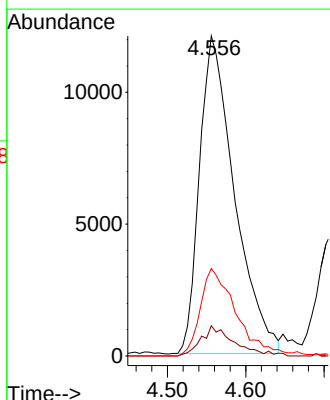
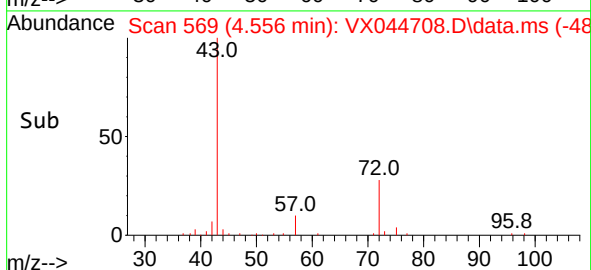
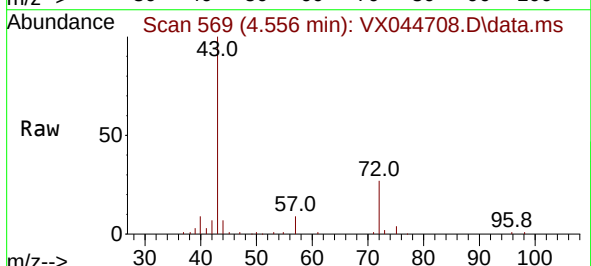
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 33.1  | 0.0   | 69.4  |
| 77  | 33.1  | 0.0   | 59.8  |

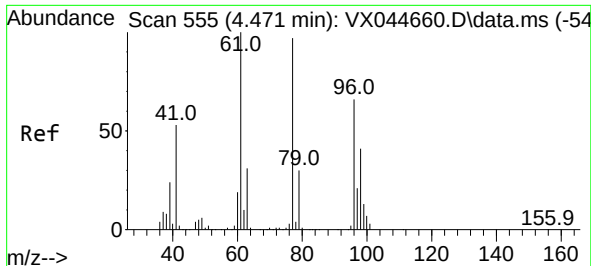


#30  
2-Butanone  
Concen: 22.099 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 43 Resp: 37440

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 57  | 8.5   | 6.4   | 9.6   |
| 72  | 25.3  | 21.5  | 32.3  |

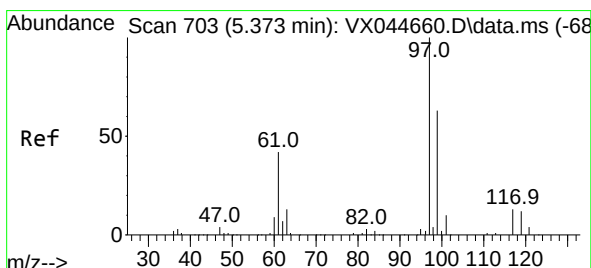
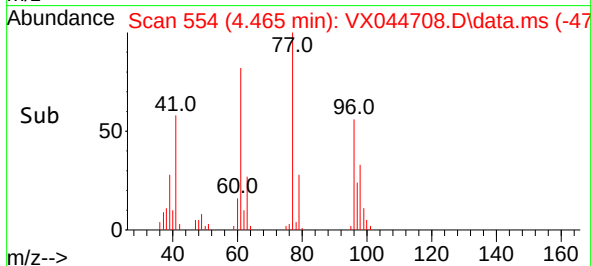
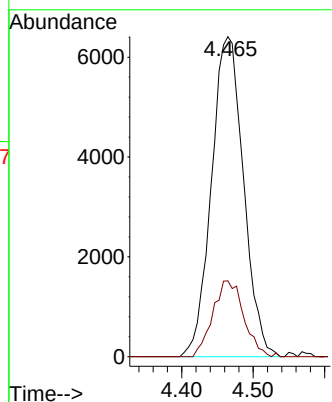
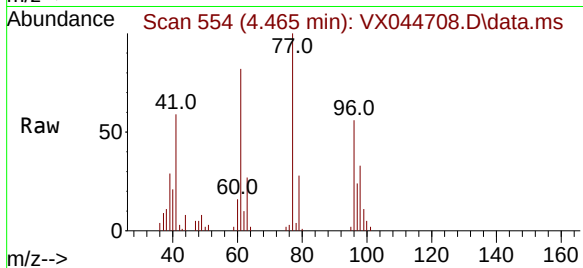




#31  
2,2-Dichloropropane  
Concen: 4.679 ug/l  
RT: 4.465 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

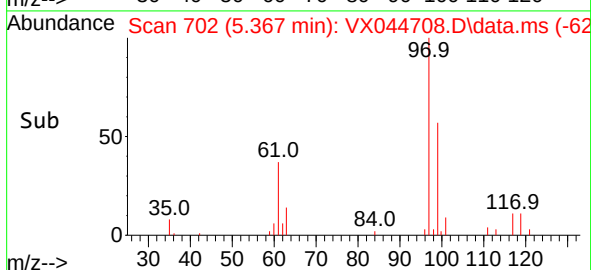
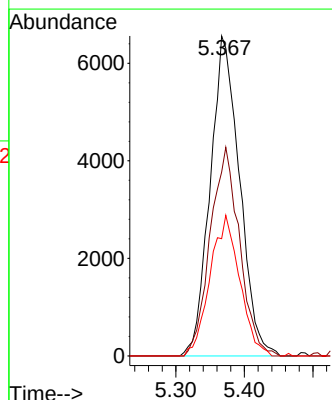
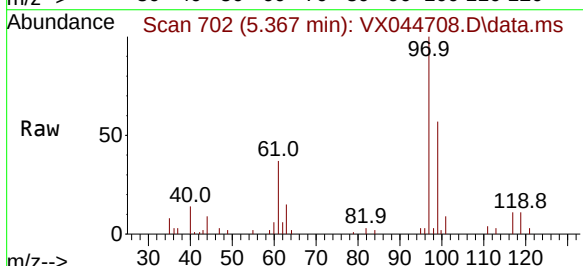
Instrument :  
MSVOA\_X  
ClientSampleId :

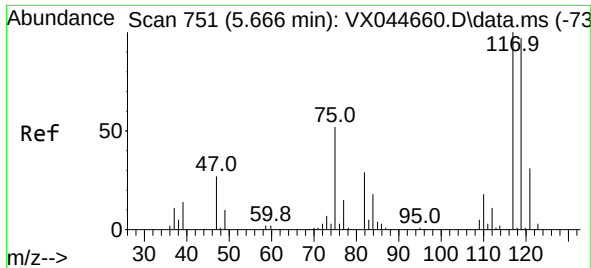
Tgt Ion: 77 Resp: 19968  
Ion Ratio Lower Upper  
77 100  
97 22.8 18.6 27.8



#32  
1,1,1-Trichloroethane  
Concen: 4.783 ug/l  
RT: 5.367 min Scan# 702  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

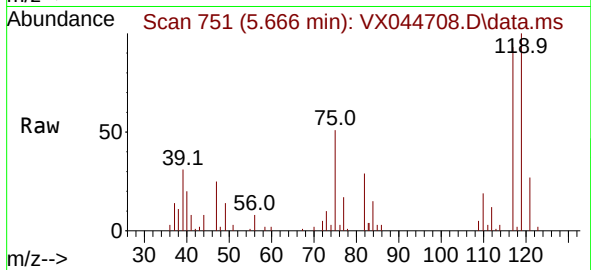
Tgt Ion: 97 Resp: 19548  
Ion Ratio Lower Upper  
97 100  
99 65.1 50.5 75.7  
61 44.4 34.6 51.8



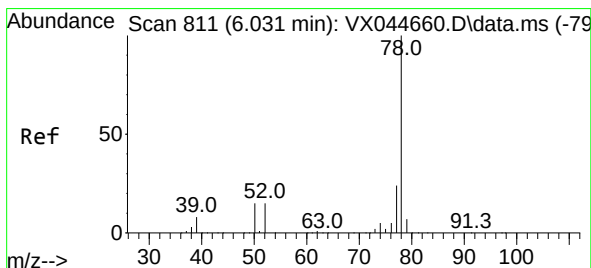
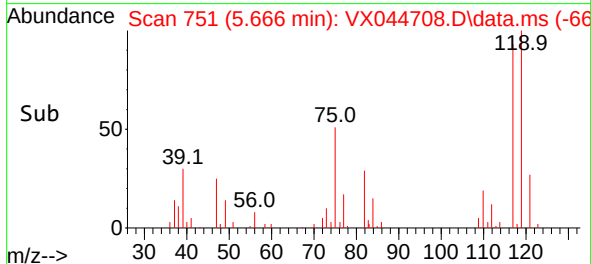
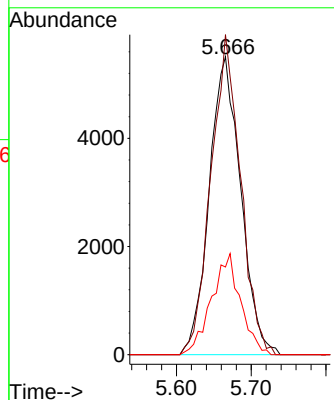


#33  
Carbon Tetrachloride  
Concen: 4.683 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :

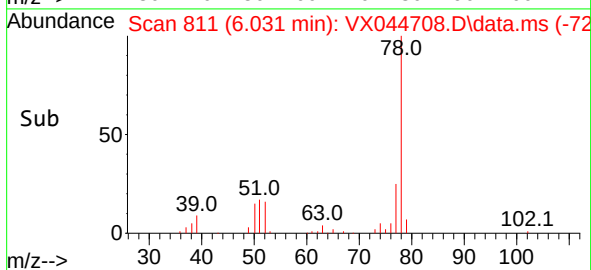
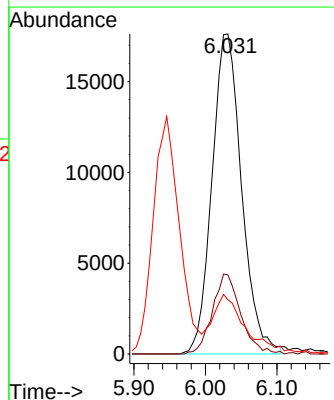
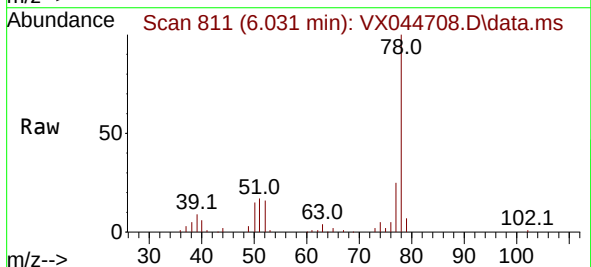


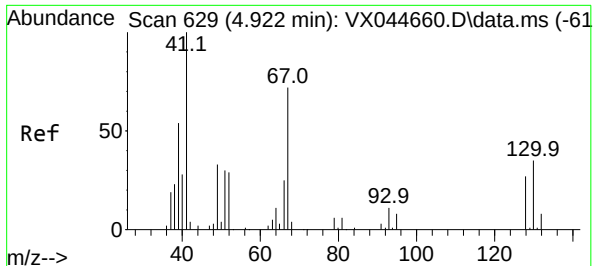
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 16146 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 107.4 | 77.3  | 115.9 |
| 121      | 29.4  | 24.6  | 37.0  |



#34  
Benzene  
Concen: 5.153 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

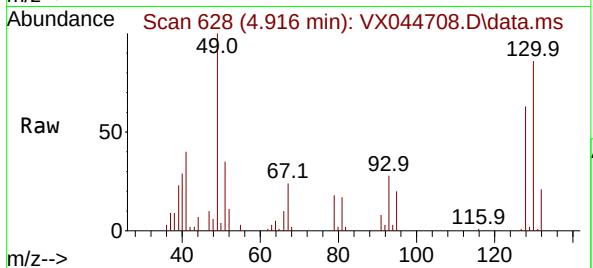
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 50707 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 24.8  | 19.3  | 28.9  |
| 51       | 14.4  | 12.7  | 19.1  |





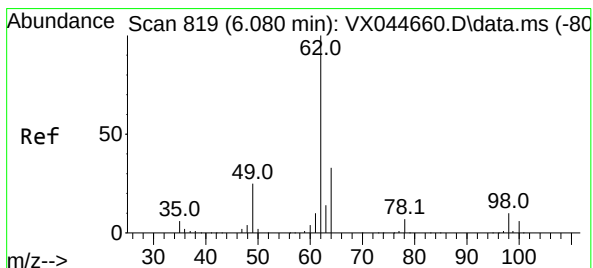
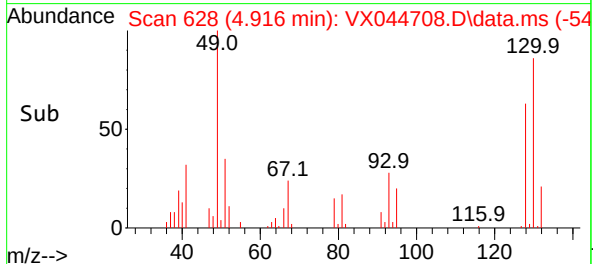
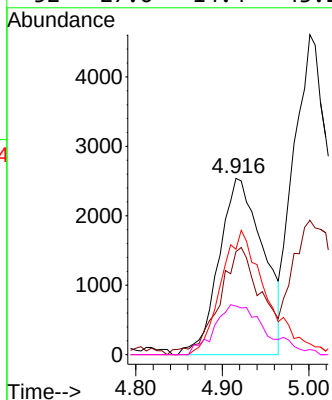
#35  
Methacrylonitrile  
Concen: 4.744 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 41 Resp: 8983

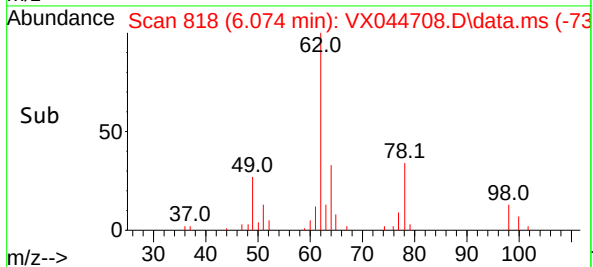
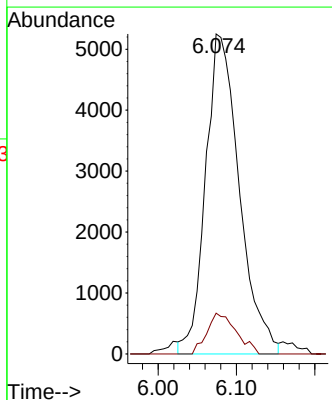
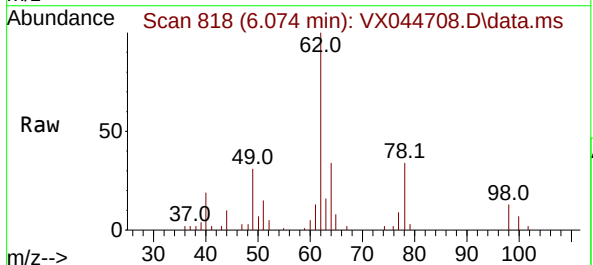
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.4  | 27.1  | 81.3  |
| 67  | 59.8  | 35.8  | 107.4 |
| 52  | 27.6  | 14.4  | 43.2  |

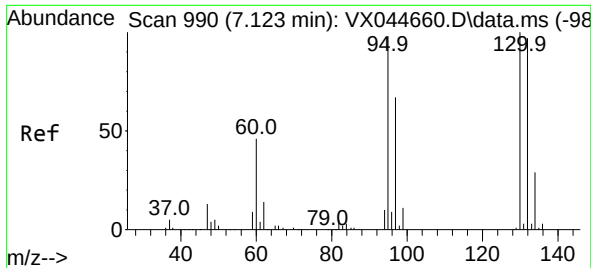


#36  
1,2-Dichloroethane  
Concen: 4.465 ug/l  
RT: 6.074 min Scan# 818  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 62 Resp: 15707

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 11.0  | 7.4   | 11.2  |

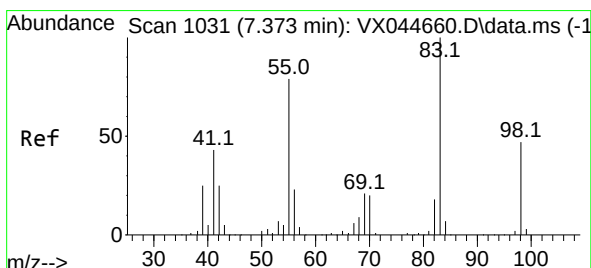
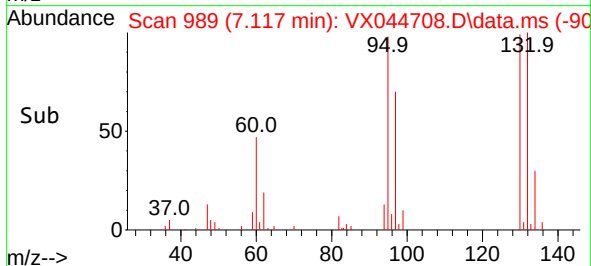
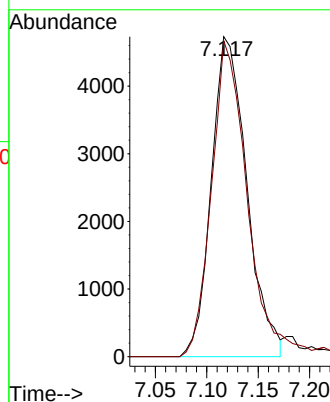
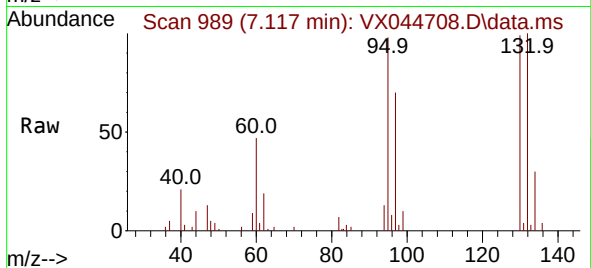




#37  
Trichloroethene  
Concen: 4.772 ug/l  
RT: 7.117 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

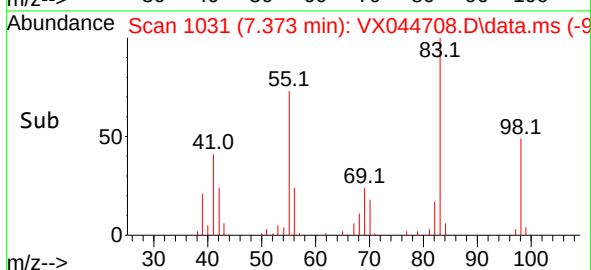
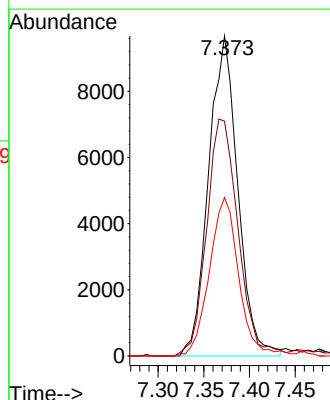
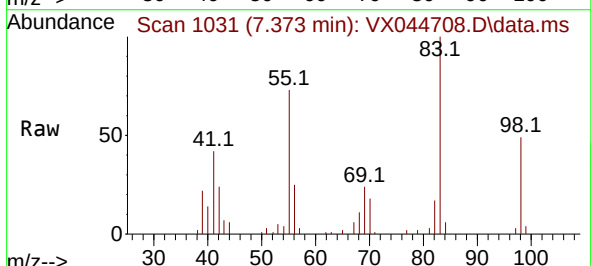
Instrument :  
MSVOA\_X  
ClientSampleId :

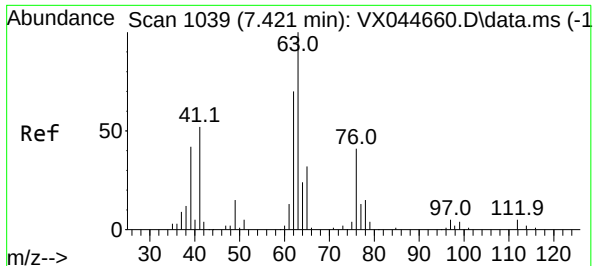
Tgt Ion:130 Resp: 11337  
Ion Ratio Lower Upper  
130 100  
95 98.8 78.2 117.4



#38  
Methylcyclohexane  
Concen: 5.131 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 83 Resp: 21503  
Ion Ratio Lower Upper  
83 100  
55 78.1 38.4 115.2  
98 49.7 24.4 73.4





#39

1,2-Dichloropropane

Concen: 4.939 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA\_X

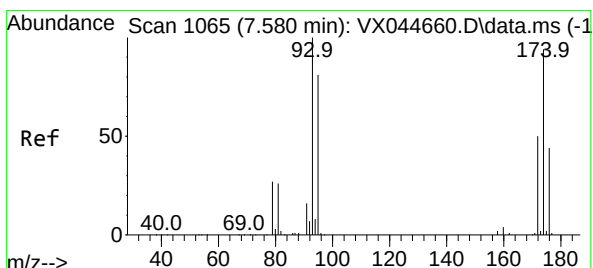
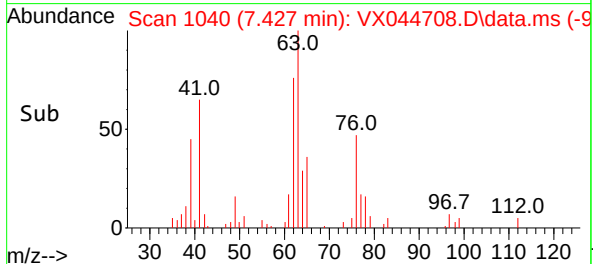
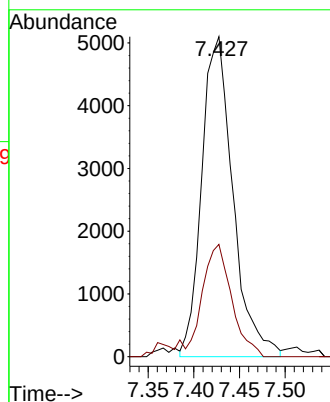
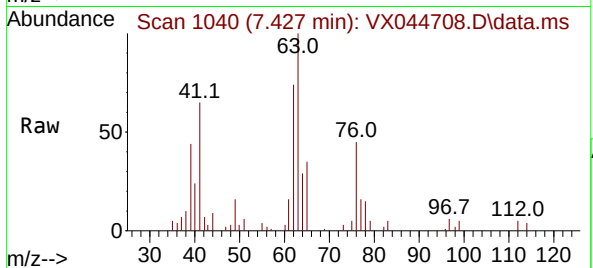
ClientSampleId :

Tgt Ion: 63 Resp: 12118

Ion Ratio Lower Upper

63 100

65 35.7 25.5 38.3



#40

Dibromomethane

Concen: 4.728 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

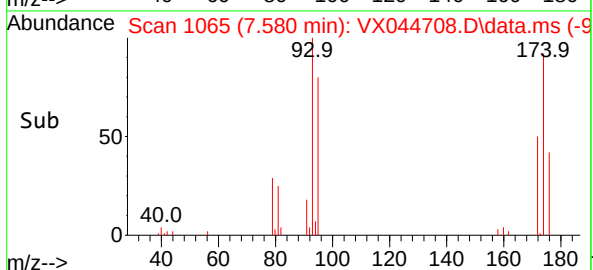
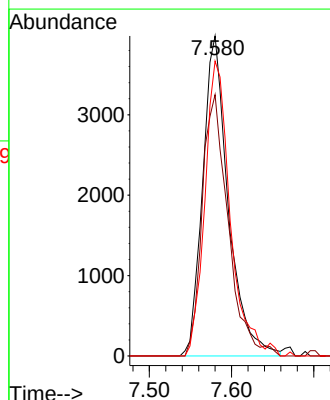
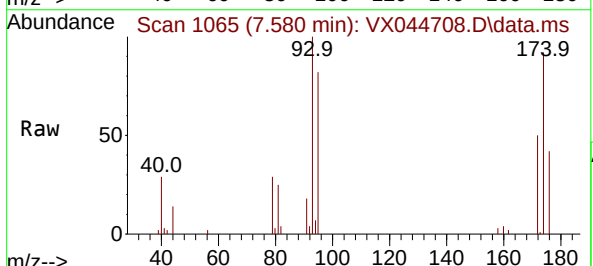
Tgt Ion: 93 Resp: 8625

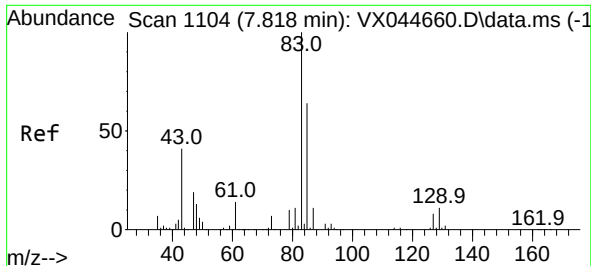
Ion Ratio Lower Upper

93 100

95 81.7 0.0 167.0

174 90.6 0.0 182.0

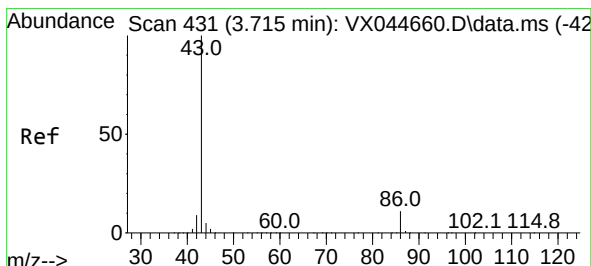
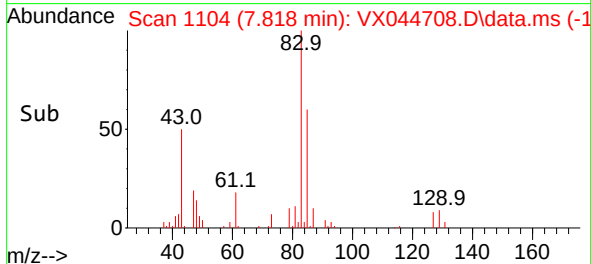
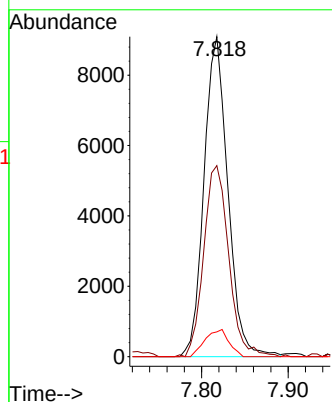
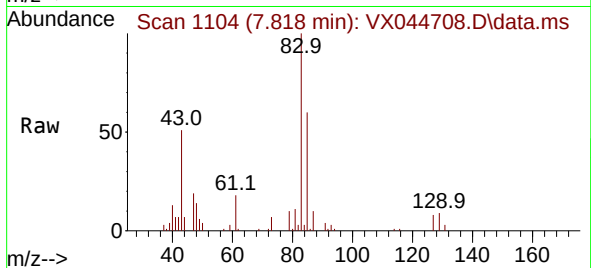




#41  
Bromodichloromethane  
Concen: 4.617 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

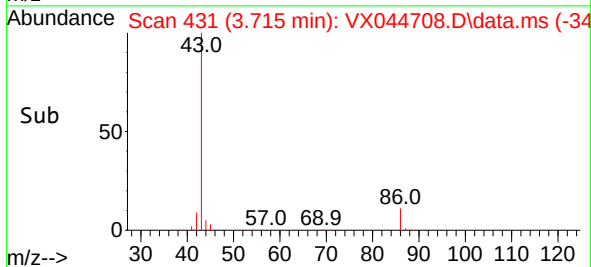
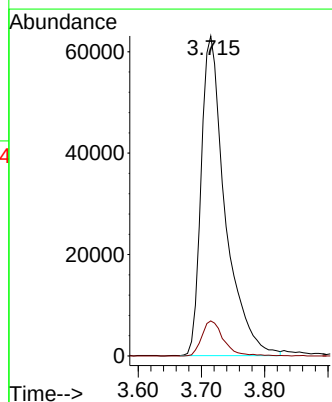
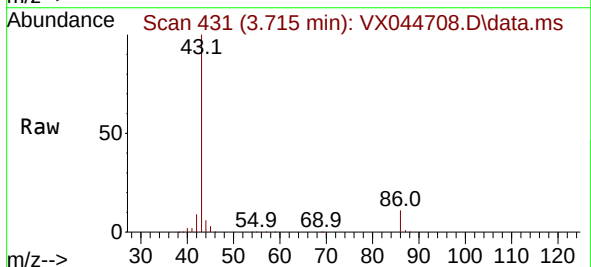
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 17390  
Ion Ratio Lower Upper  
83 100  
85 59.7 50.9 76.3  
127 7.8 6.5 9.7

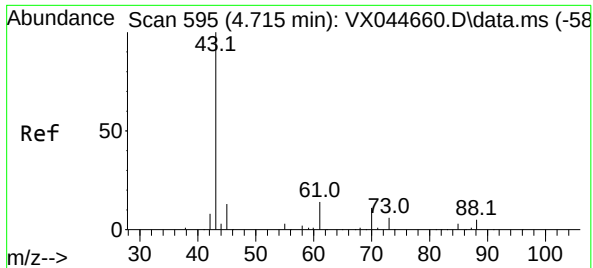


#42  
Vinyl Acetate  
Concen: 24.775 ug/l  
RT: 3.715 min Scan# 431  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 43 Resp: 166696  
Ion Ratio Lower Upper  
43 100  
86 9.9 8.0 12.0



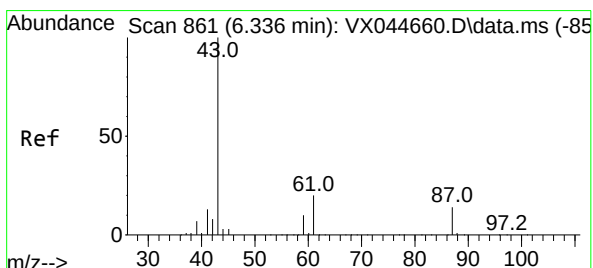
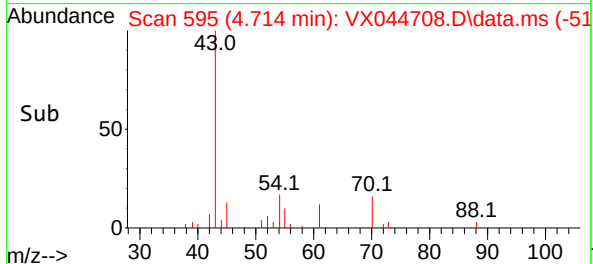
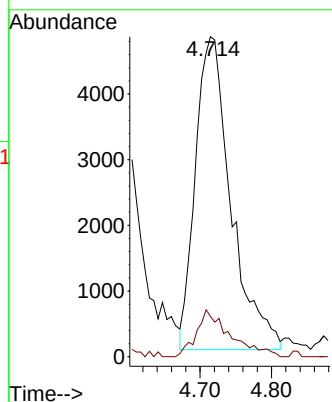
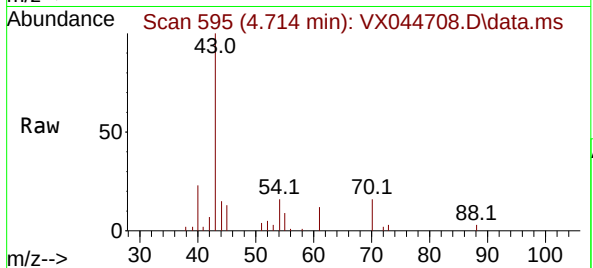




#43  
Ethyl Acetate  
Concen: 4.951 ug/l  
RT: 4.714 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

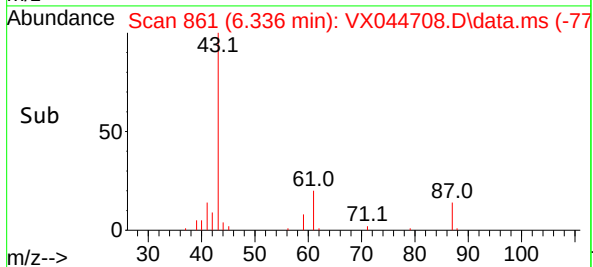
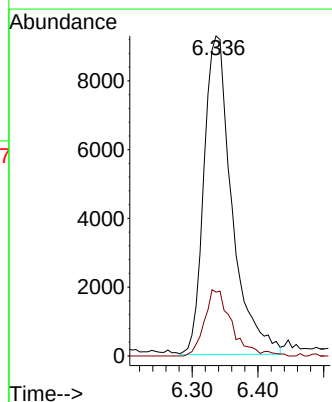
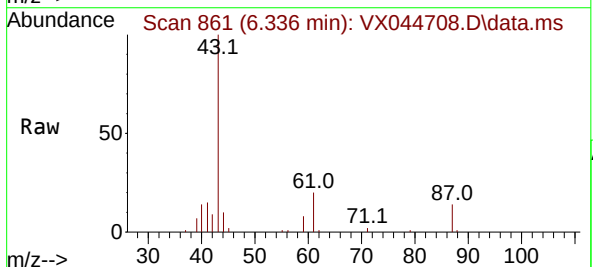
Instrument :  
MSVOA\_X  
ClientSampleId :

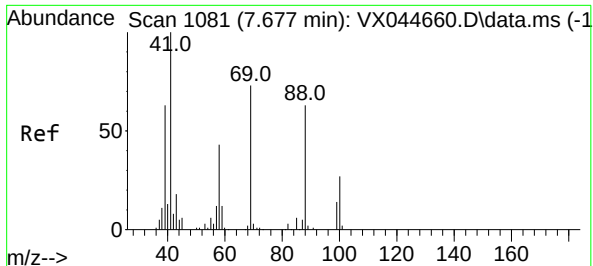
Tgt Ion: 43 Resp: 16454  
Ion Ratio Lower Upper  
43 100  
45 4.1 0.1 0.1#



#44  
Isopropyl Acetate  
Concen: 4.595 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

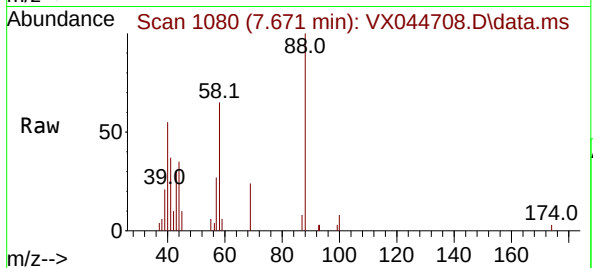
Tgt Ion: 43 Resp: 27434  
Ion Ratio Lower Upper  
43 100  
61 19.6 16.2 24.4



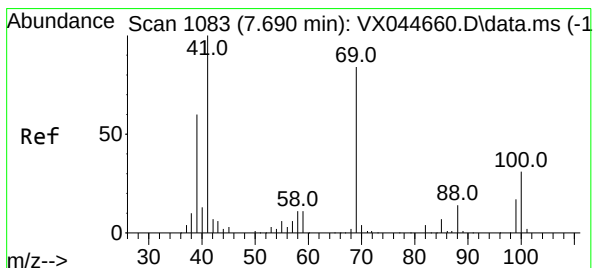
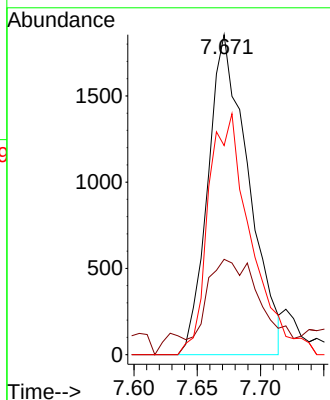
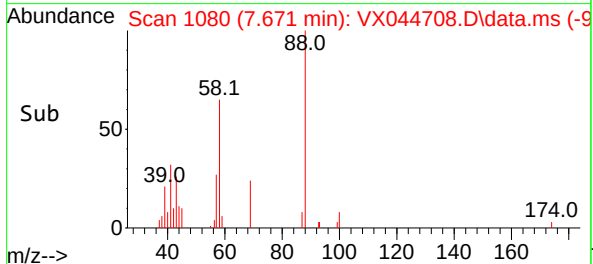


#45  
1,4-Dioxane  
Concen: 72.697 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

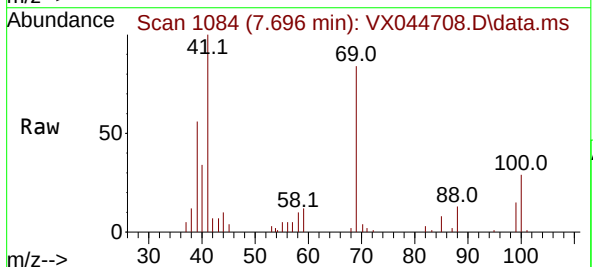
Instrument :  
MSVOA\_X  
ClientSampleId :



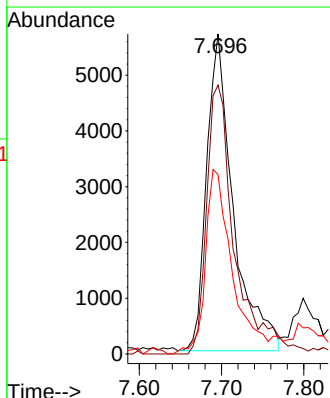
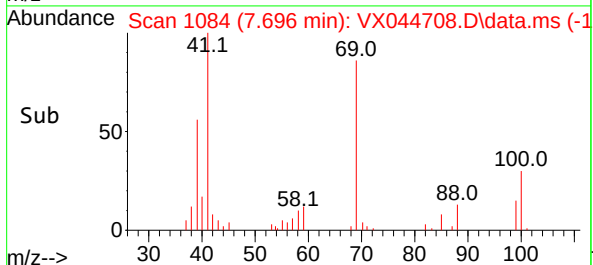
Tgt Ion: 88 Resp: 4133  
Ion Ratio Lower Upper  
88 100  
43 19.0 25.9 38.9#  
58 77.7 58.9 88.3

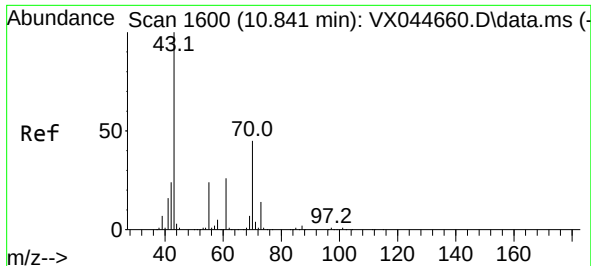


#46  
Methyl methacrylate  
Concen: 4.372 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12



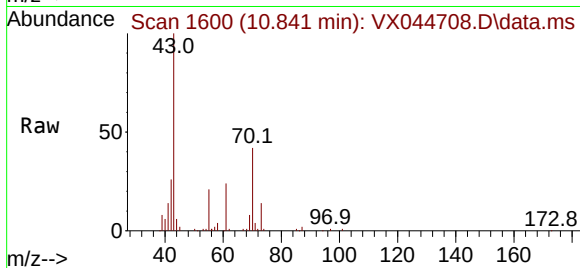
Tgt Ion: 41 Resp: 12778  
Ion Ratio Lower Upper  
41 100  
69 84.9 41.9 125.7  
39 55.7 30.1 90.3



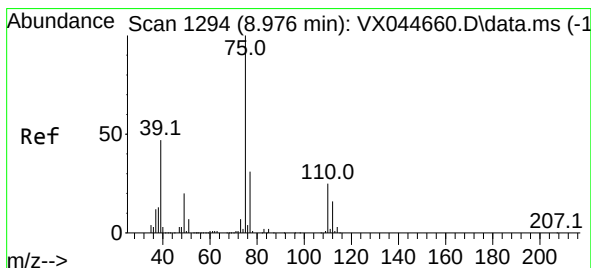
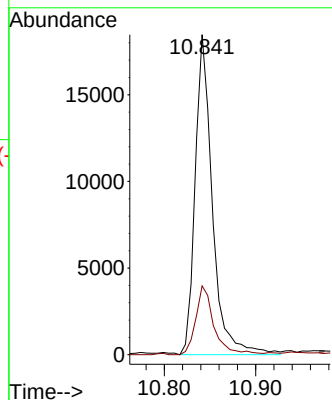
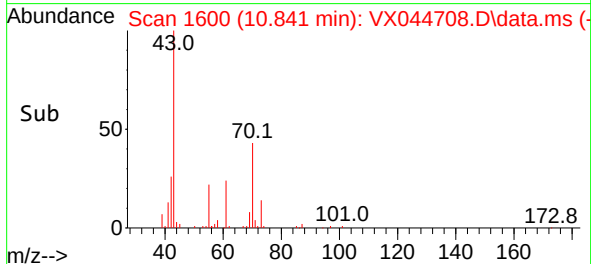


#47  
n-amy1 Acetate  
Concen: 4.843 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :

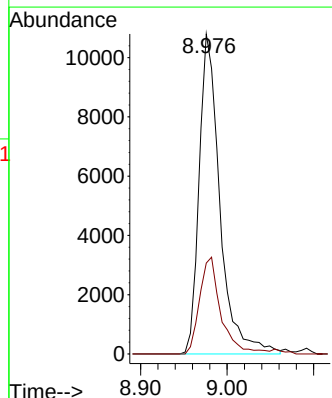
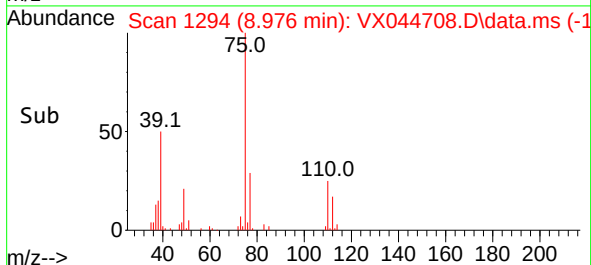
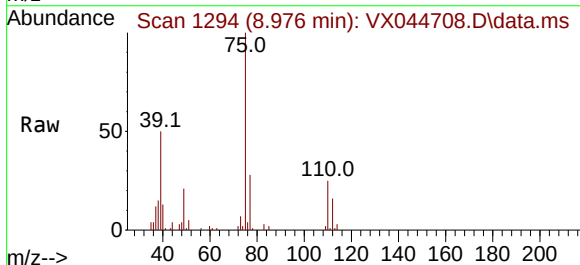


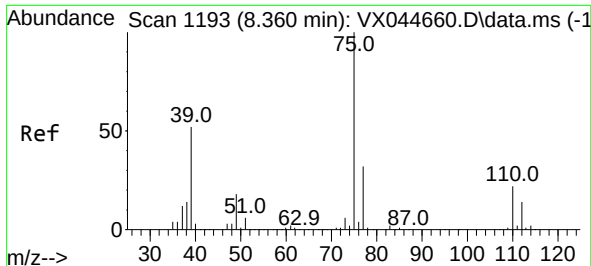
Tgt Ion: 43 Resp: 24268  
Ion Ratio Lower Upper  
43 100  
55 22.7 18.9 28.3



#48  
t-1,3-Dichloropropene  
Concen: 4.521 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 75 Resp: 17975  
Ion Ratio Lower Upper  
75 100  
77 28.4 24.8 37.2





#49

cis-1,3-Dichloropropene

Concen: 4.782 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA\_X

ClientSampleId :

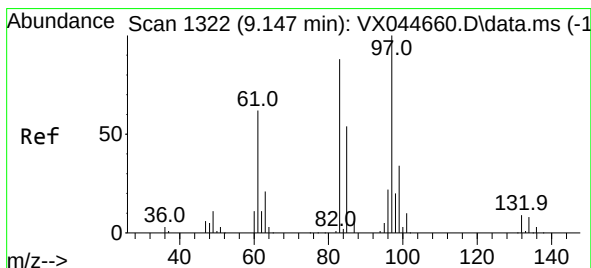
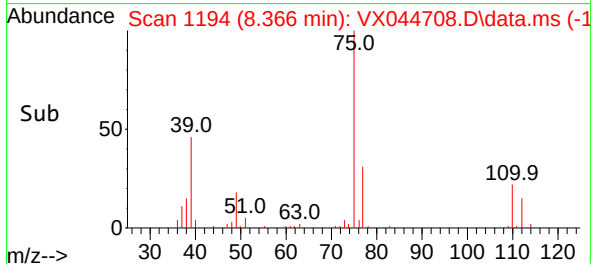
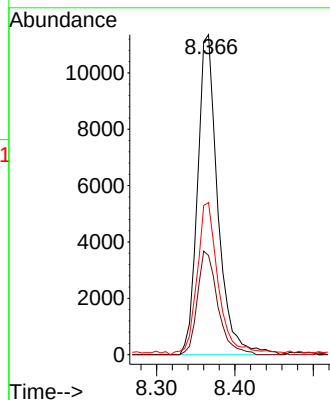
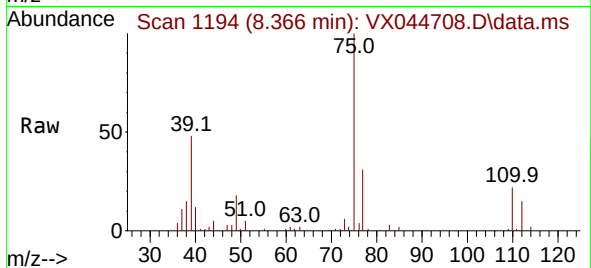
Tgt Ion: 75 Resp: 20386

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 46.7 41.4 62.0



#50

1,1,2-Trichloroethane

Concen: 4.977 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion: 97 Resp: 11692

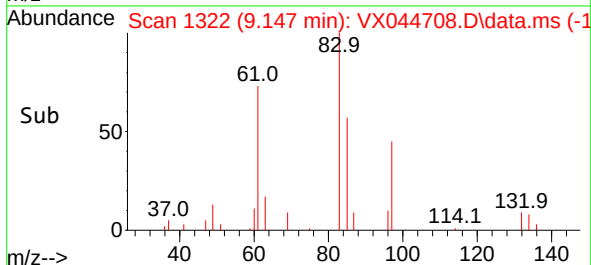
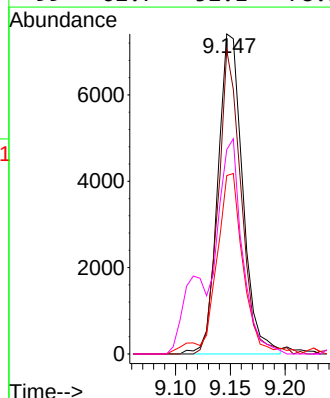
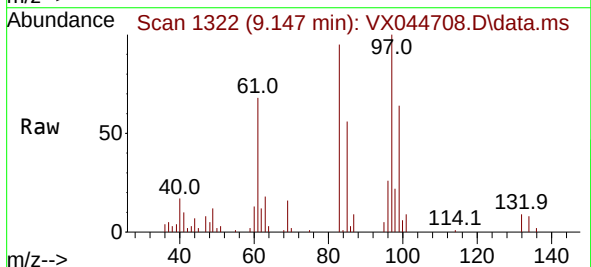
Ion Ratio Lower Upper

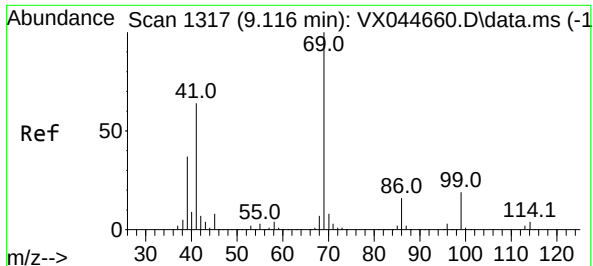
97 100

83 95.0 69.2 103.8

85 54.0 44.8 67.2

99 62.7 52.1 78.1

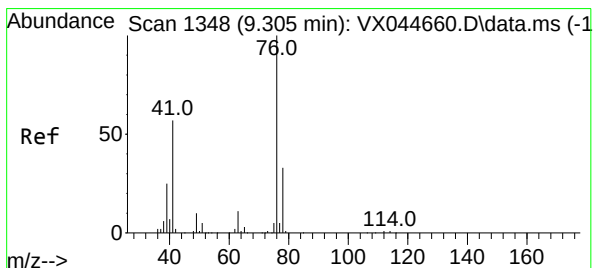
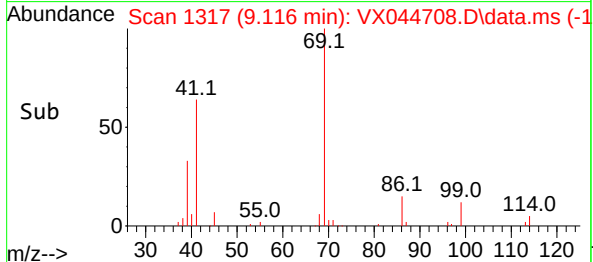
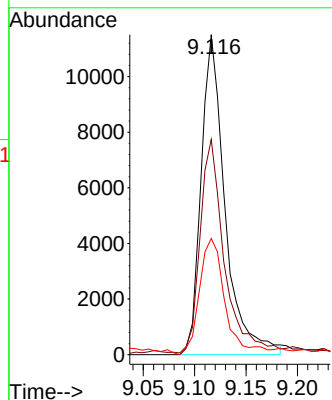
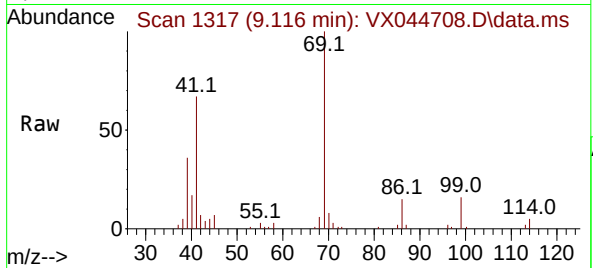




#51  
Ethyl methacrylate  
Concen: 4.571 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

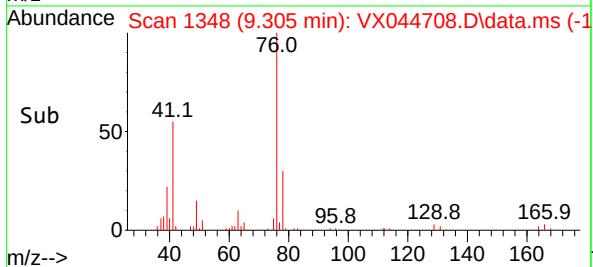
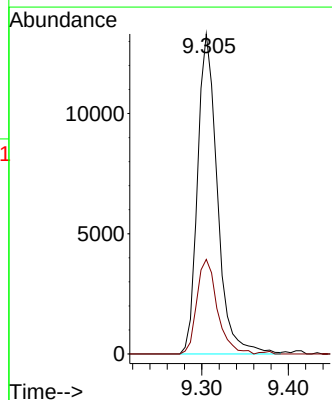
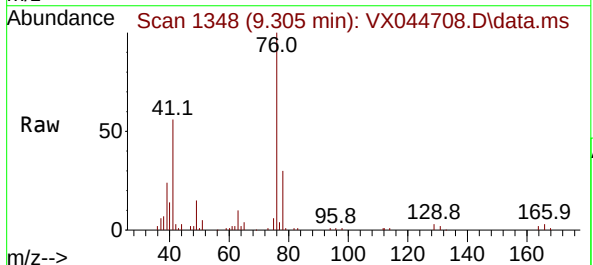
Instrument :  
MSVOA\_X  
ClientSampleId :

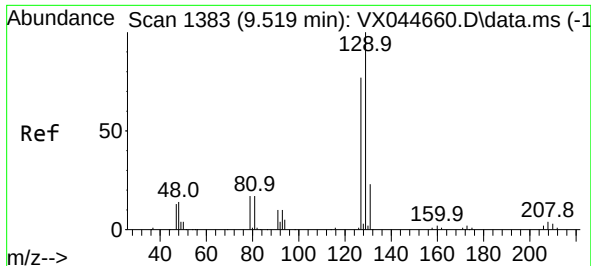
Tgt Ion: 69 Resp: 18656  
Ion Ratio Lower Upper  
69 100  
41 66.7 32.0 96.0  
39 36.3 18.6 55.6



#52  
1,3-Dichloropropane  
Concen: 5.212 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 76 Resp: 21178  
Ion Ratio Lower Upper  
76 100  
78 30.3 0.0 64.0

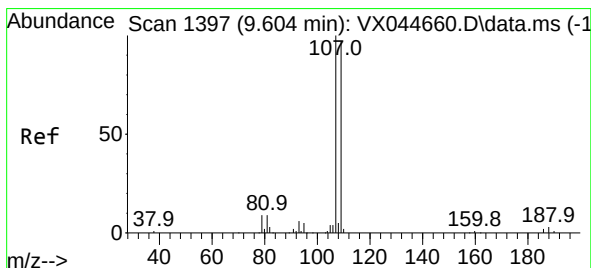
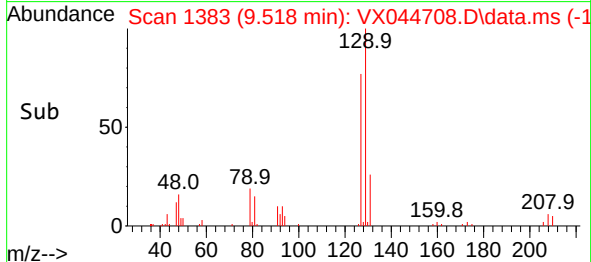
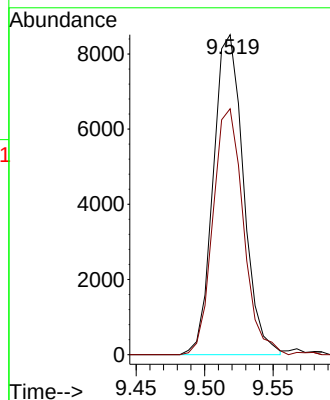
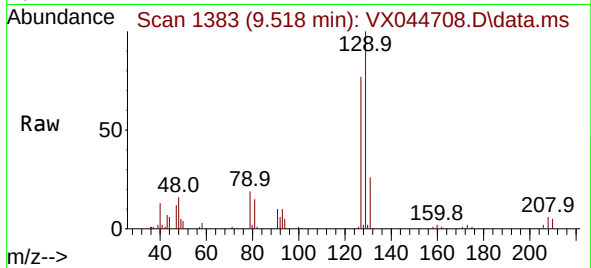




#53  
Dibromochloromethane  
Concen: 4.649 ug/l  
RT: 9.518 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

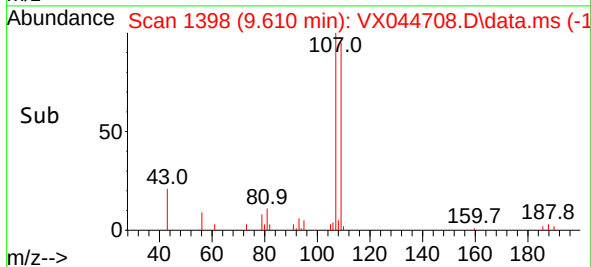
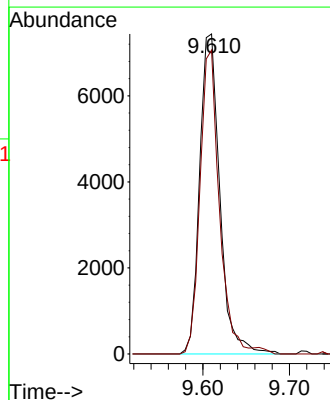
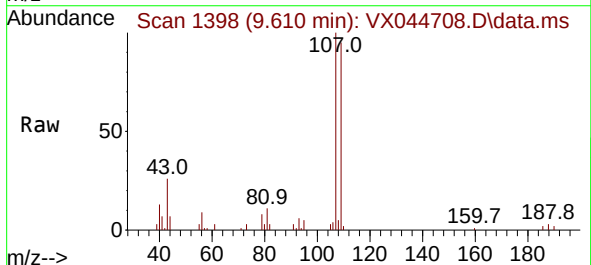
Instrument :  
MSVOA\_X  
ClientSampleId :

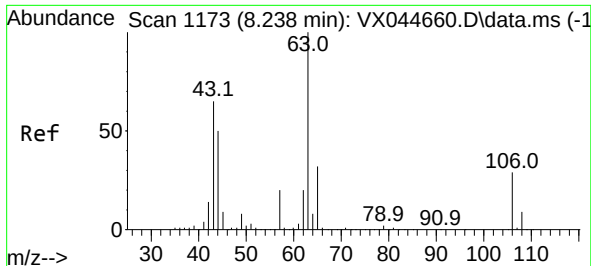
Tgt Ion:129 Resp: 13051  
Ion Ratio Lower Upper  
129 100  
127 77.4 37.8 113.4



#54  
1,2-Dibromoethane  
Concen: 4.853 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion:107 Resp: 12052  
Ion Ratio Lower Upper  
107 100  
109 90.2 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 24.110 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA\_X

ClientSampleId :

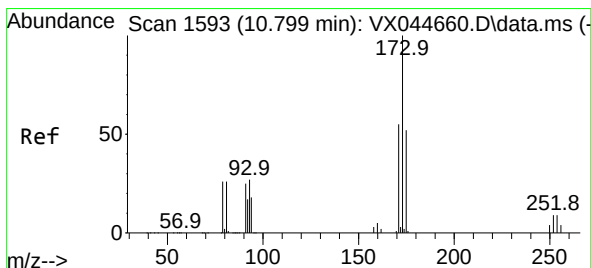
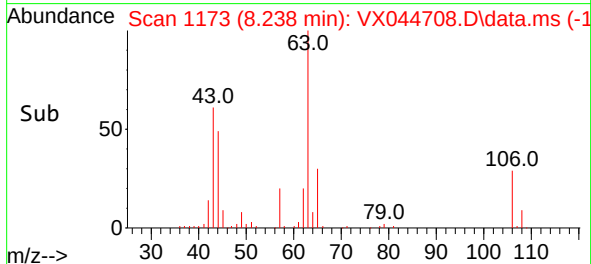
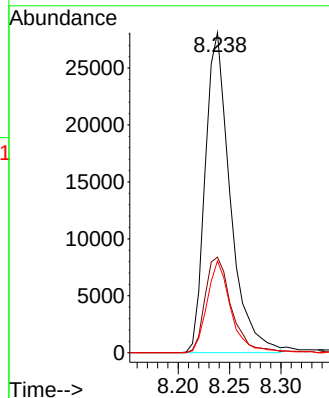
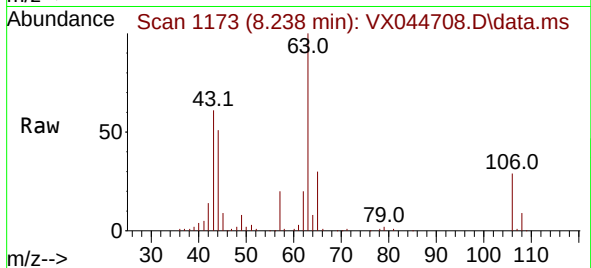
Tgt Ion: 63 Resp: 47744

Ion Ratio Lower Upper

63 100

65 31.3 25.8 38.6

106 27.4 23.1 34.7



#56

Bromoform

Concen: 4.457 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

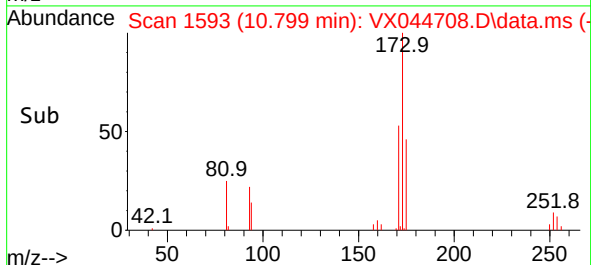
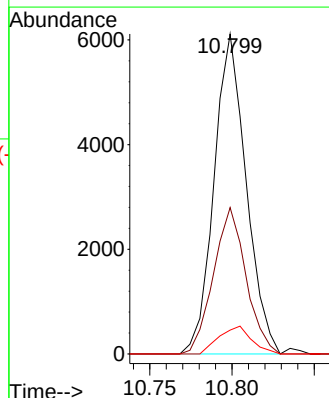
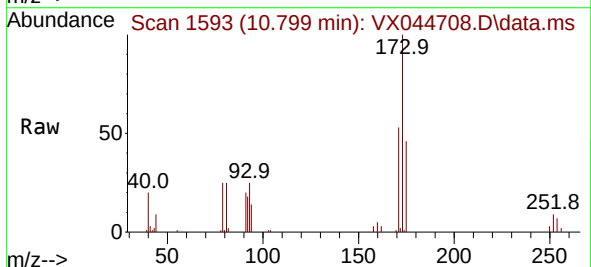
Tgt Ion:173 Resp: 8297

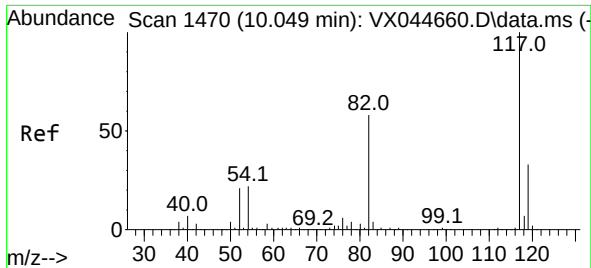
Ion Ratio Lower Upper

173 100

175 46.3 39.0 58.6

254 8.8 6.5 9.7

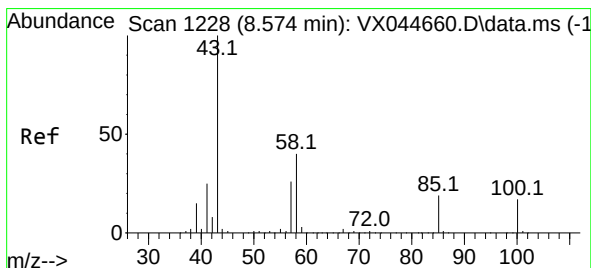
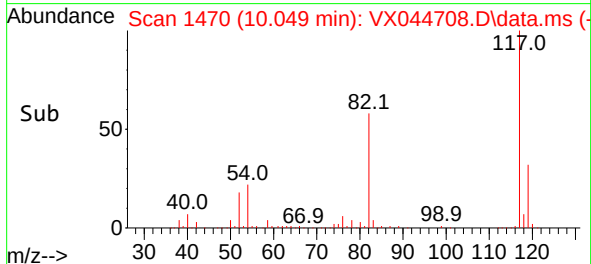
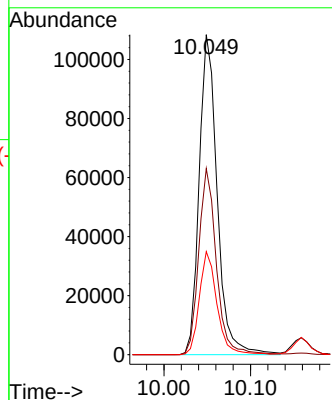
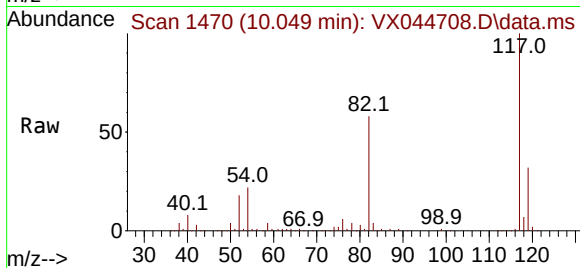




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

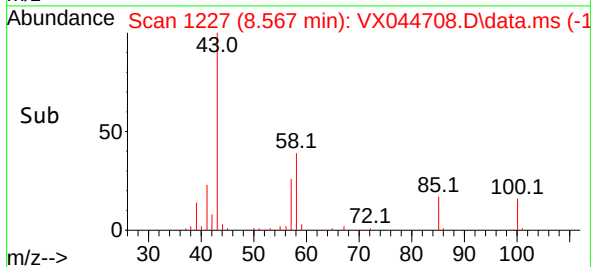
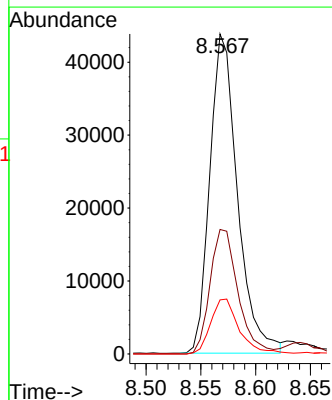
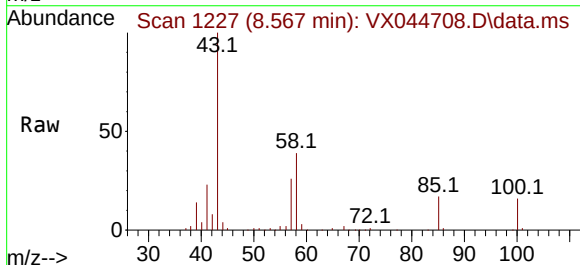
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:117 Resp: 156822  
Ion Ratio Lower Upper  
117 100  
82 56.7 45.8 68.6  
119 31.6 25.8 38.6

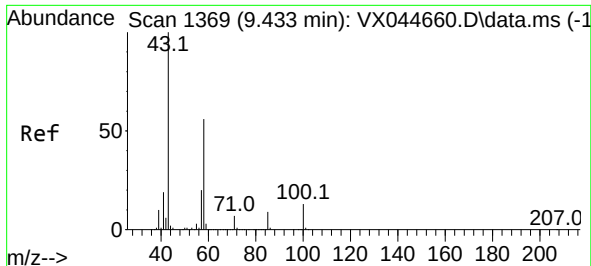


#58  
4-Methyl-2-Pentanone  
Concen: 23.219 ug/l  
RT: 8.567 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 43 Resp: 76753  
Ion Ratio Lower Upper  
43 100  
58 39.5 31.7 47.5  
85 17.8 15.0 22.6



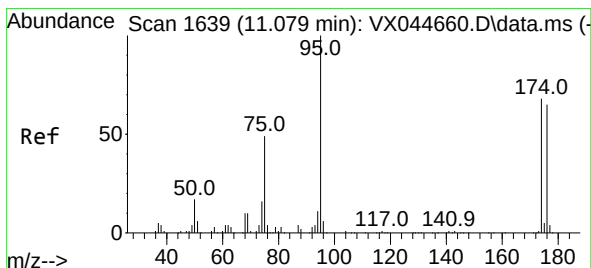
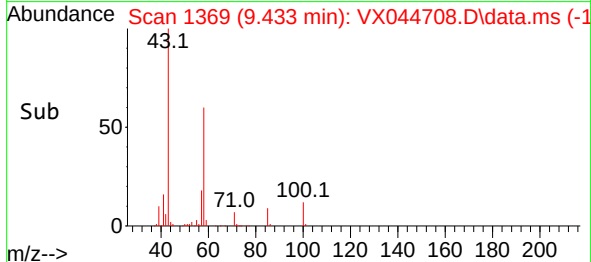
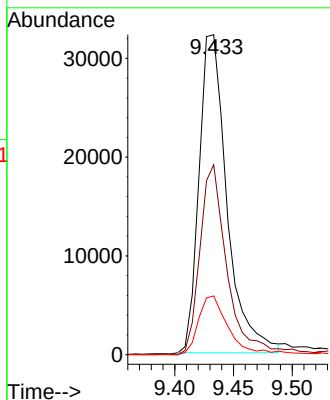
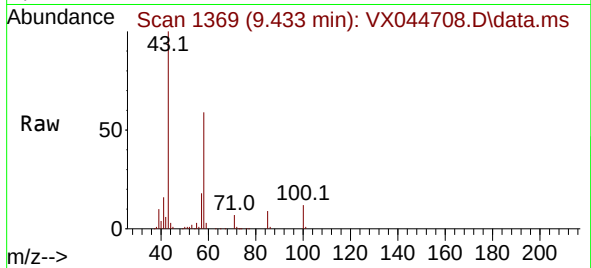




#59  
2-Hexanone  
Concen: 22.051 ug/l  
RT: 9.433 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

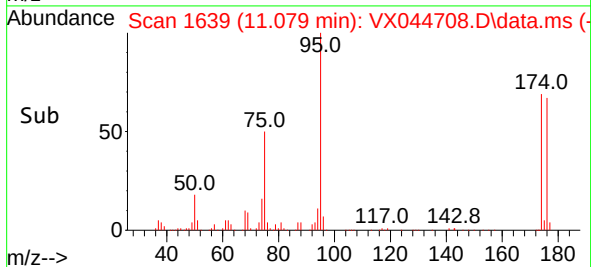
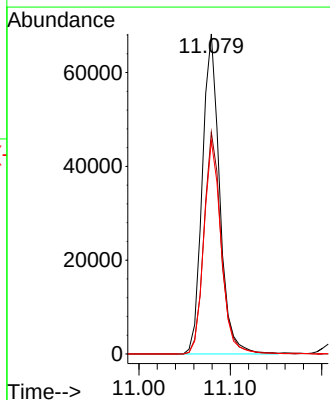
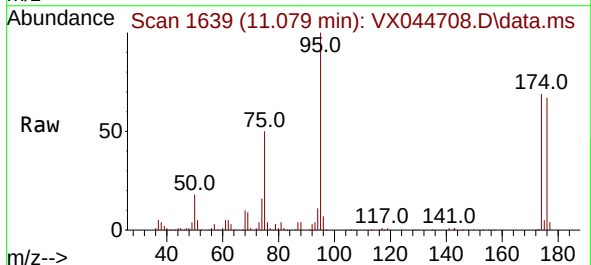
Instrument :  
MSVOA\_X  
ClientSampleId :

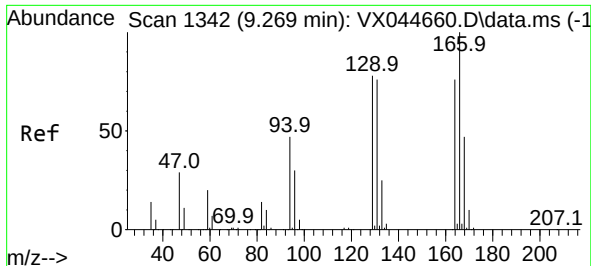
Tgt Ion: 43 Resp: 53365  
Ion Ratio Lower Upper  
43 100  
58 56.7 44.4 66.6  
57 19.3 15.5 23.3



#60  
4-Bromofluorobenzene  
Concen: 29.382 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

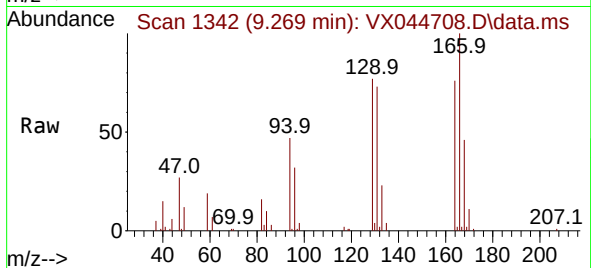
Tgt Ion: 95 Resp: 89499  
Ion Ratio Lower Upper  
95 100  
174 69.0 54.6 81.8  
176 66.5 52.8 79.2



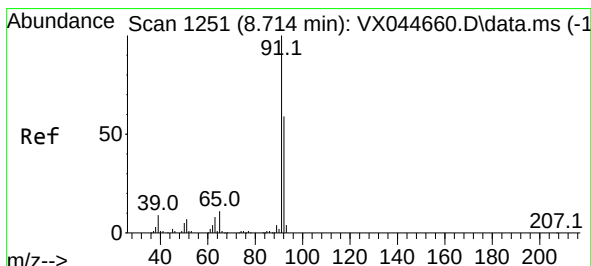
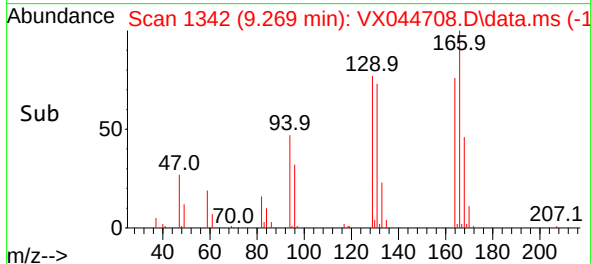
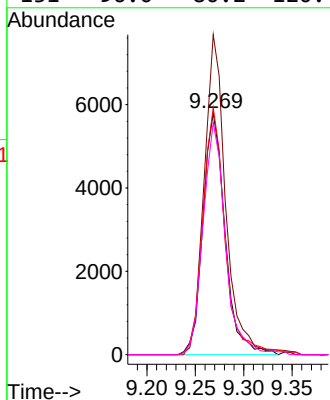


#61  
Tetrachloroethene  
Concen: 4.924 ug/l  
RT: 9.269 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :

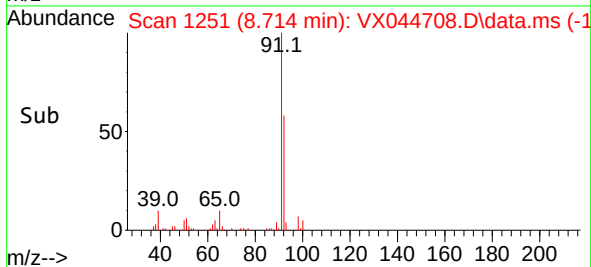
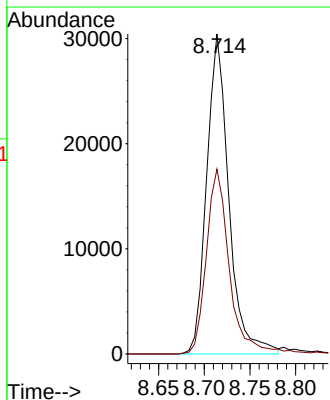
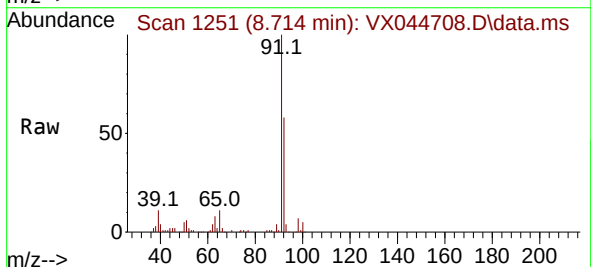


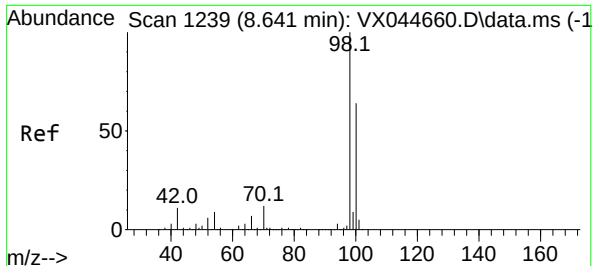
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 9263  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 132.3 | 105.6 | 158.4 |
| 129      | 102.2 | 82.8  | 124.2 |
| 131      | 96.0  | 80.2  | 120.4 |



#62  
Toluene  
Concen: 4.958 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 51197 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 60.2  | 47.3  | 70.9  |

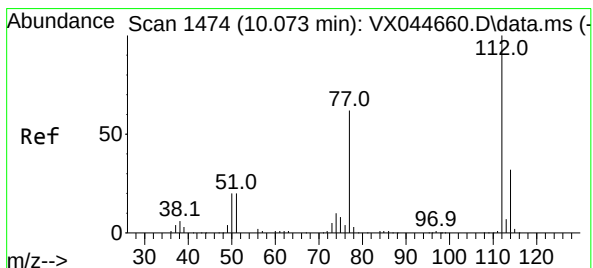
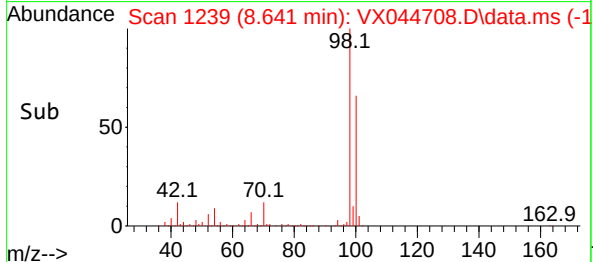
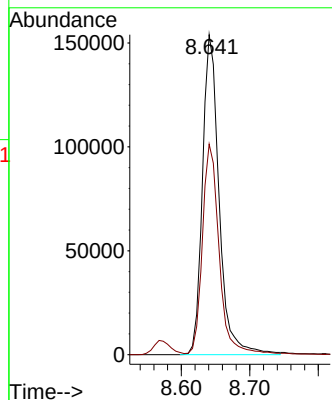
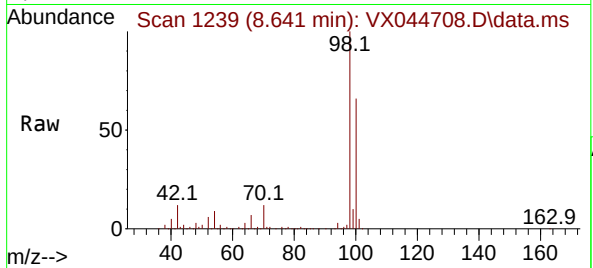




#63  
Toluene-d8  
Concen: 30.586 ug/l  
RT: 8.641 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

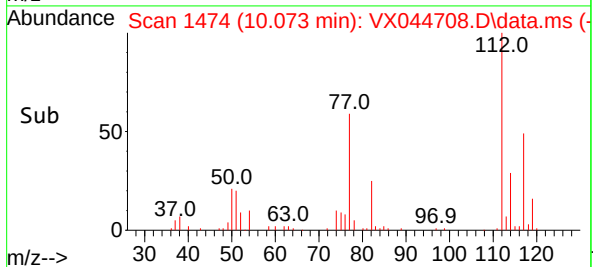
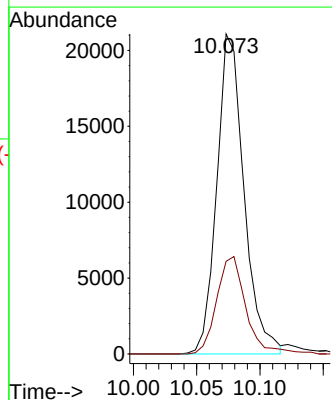
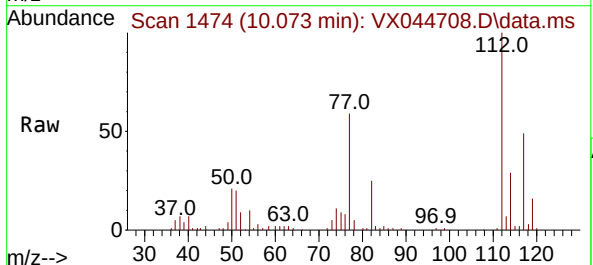
Instrument :  
MSVOA\_X  
ClientSampleId :

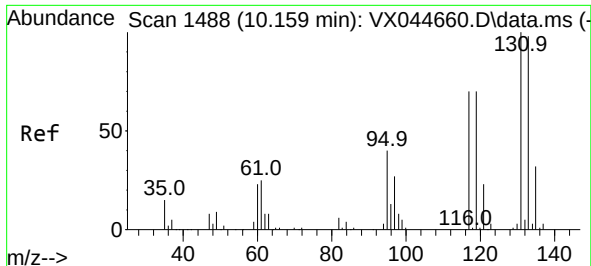
Tgt Ion: 98 Resp: 260887  
Ion Ratio Lower Upper  
98 100  
100 65.1 53.6 80.4



#64  
Chlorobenzene  
Concen: 4.907 ug/l  
RT: 10.073 min Scan# 1474  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 112 Resp: 31467  
Ion Ratio Lower Upper  
112 100  
114 29.0 25.5 38.3

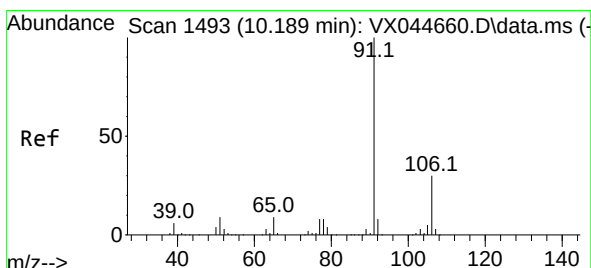
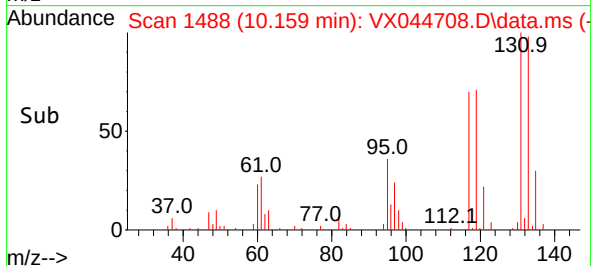
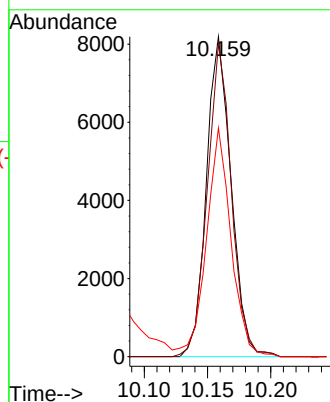
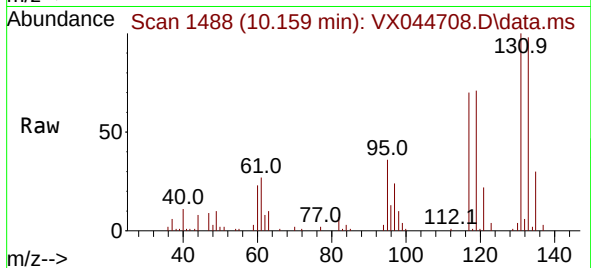




#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 4.840 ug/l  
 RT: 10.159 min Scan# 1488  
 Delta R.T. -0.000 min  
 Lab File: VX044708.D  
 Acq: 23 Jan 2025 15:12

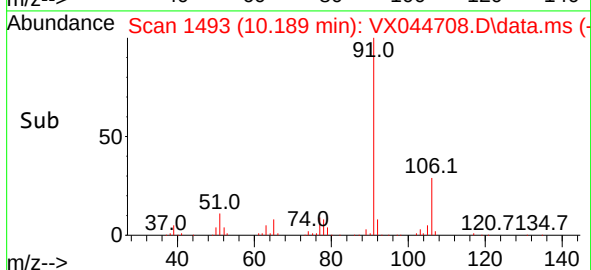
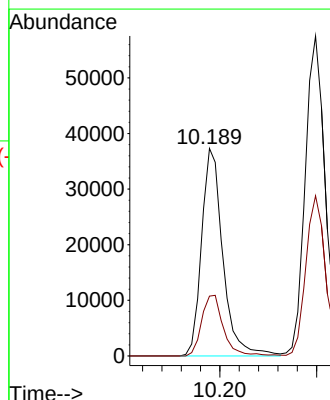
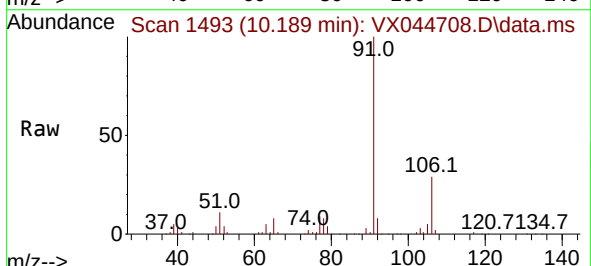
Instrument :  
 MSVOA\_X  
 ClientSampleId :

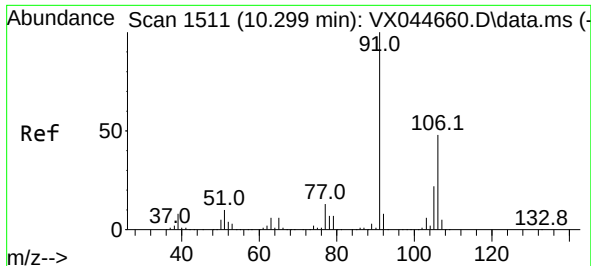
Tgt Ion:131 Resp: 11150  
 Ion Ratio Lower Upper  
 131 100  
 133 95.1 0.0 192.4  
 119 71.1 0.0 133.4



#66  
 Ethyl Benzene  
 Concen: 5.073 ug/l  
 RT: 10.189 min Scan# 1493  
 Delta R.T. -0.000 min  
 Lab File: VX044708.D  
 Acq: 23 Jan 2025 15:12

Tgt Ion: 91 Resp: 57166  
 Ion Ratio Lower Upper  
 91 100  
 106 28.9 24.0 36.0

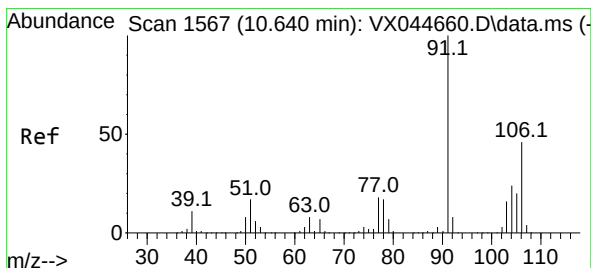
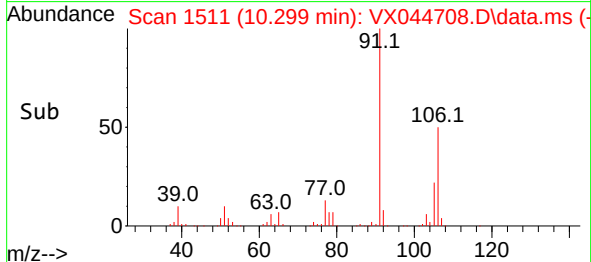
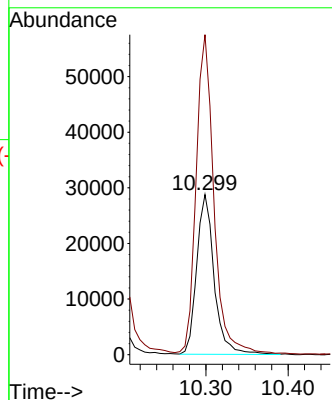
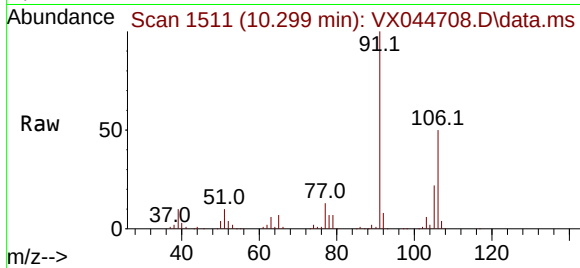




#67  
m/p-Xylenes  
Concen: 10.252 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

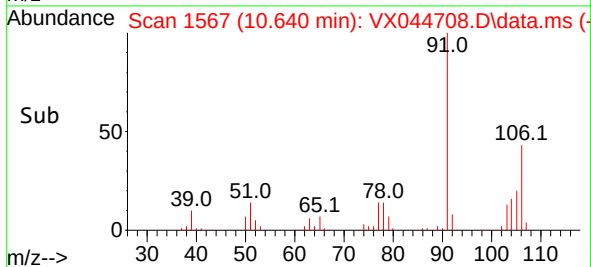
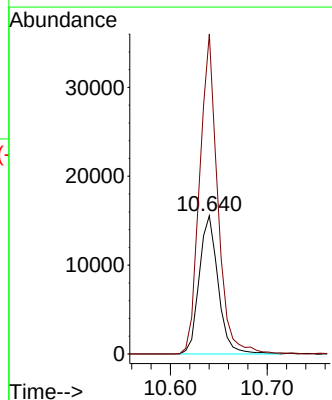
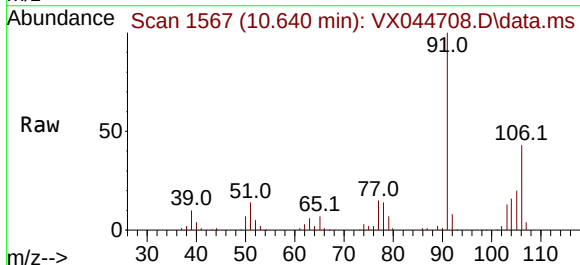
Instrument :  
MSVOA\_X  
ClientSampleId :

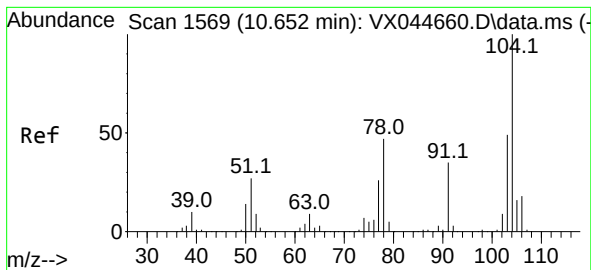
Tgt Ion:106 Resp: 42467  
Ion Ratio Lower Upper  
106 100  
91 205.1 166.8 250.2



#68  
o-Xylene  
Concen: 5.116 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion:106 Resp: 21270  
Ion Ratio Lower Upper  
106 100  
91 219.9 109.7 329.1





#69

Styrene

Concen: 4.959 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044708.D

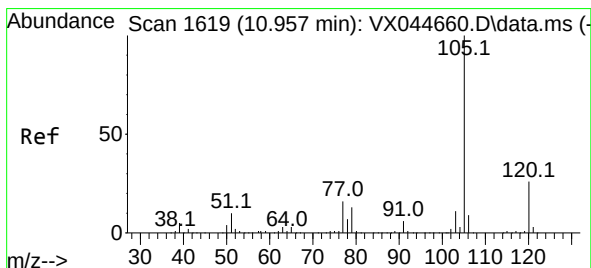
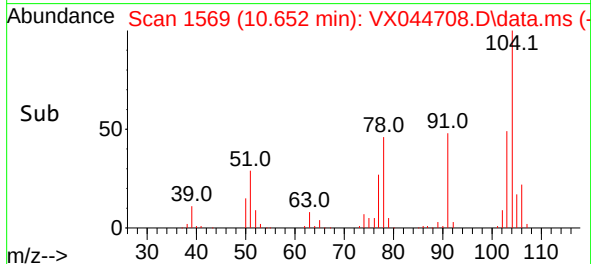
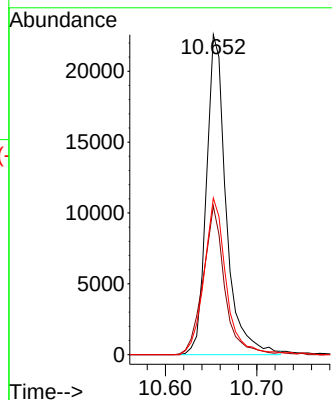
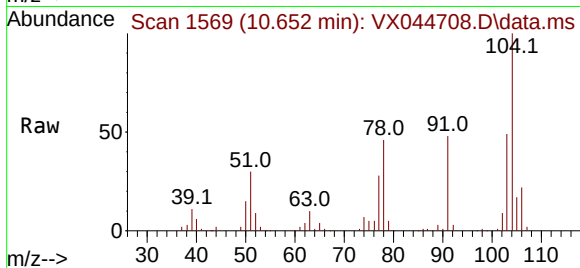
Acq: 23 Jan 2025 15:12

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:104 | Resp: | 33852     |
| Ion Ratio   | Lower | Upper     |
| 104         | 100   |           |
| 78          | 50.5  | 42.0 63.0 |
| 103         | 54.8  | 43.1 64.7 |



#70

Isopropylbenzene

Concen: 5.106 ug/l

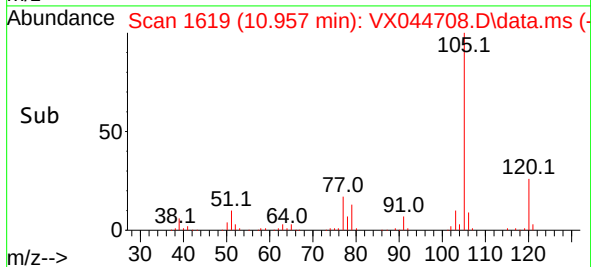
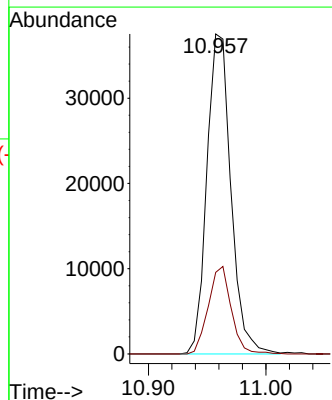
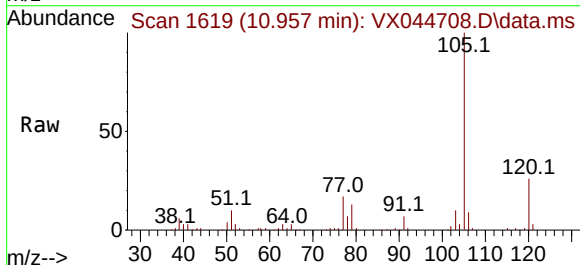
RT: 10.957 min Scan# 1619

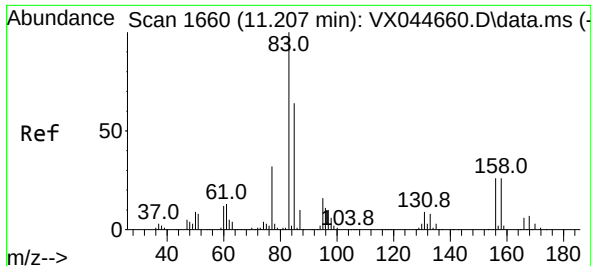
Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 53366     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 26.1  | 18.6 34.6 |

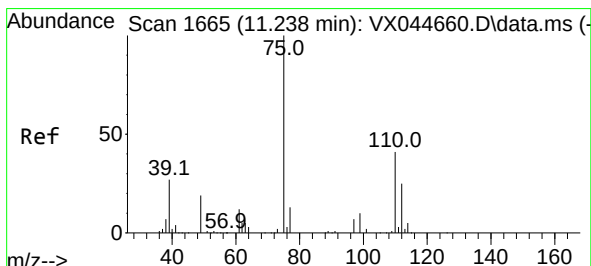
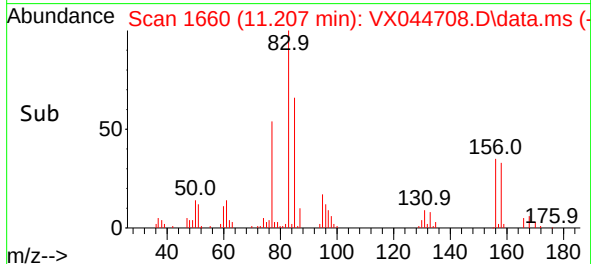
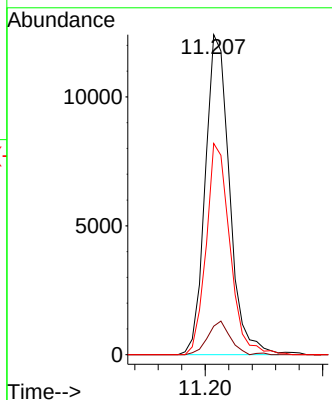
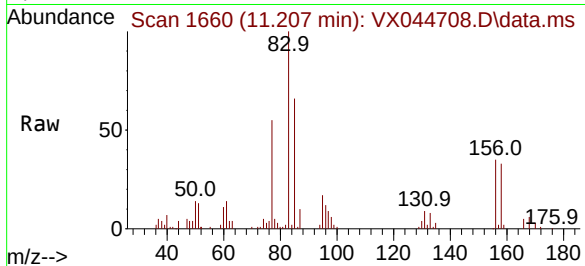




#71  
1,1,2,2-Tetrachloroethane  
Concen: 5.068 ug/l  
RT: 11.207 min Scan# 1660  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

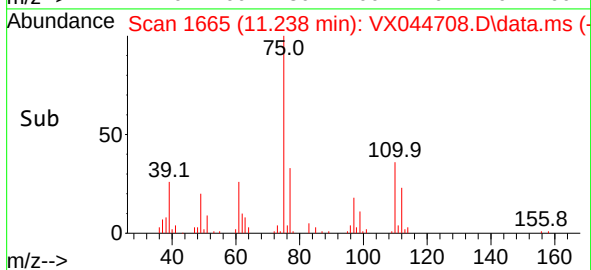
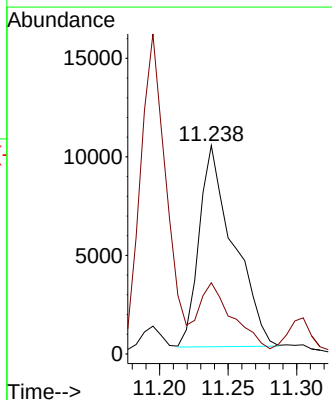
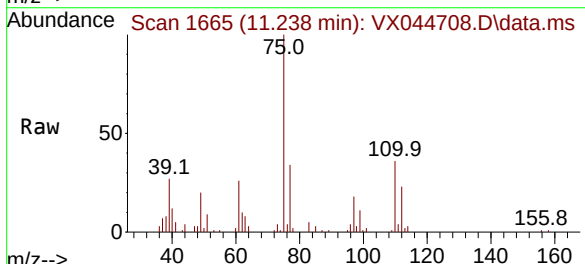
Instrument :  
MSVOA\_X  
ClientSampleId :

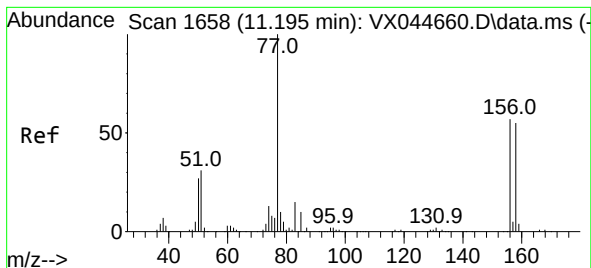
Tgt Ion: 83 Resp: 17808  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.0 14.9  
85 64.7 33.0 99.0



#72  
1,2,3-Trichloropropane  
Concen: 6.042 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 75 Resp: 17860  
Ion Ratio Lower Upper  
75 100  
77 37.1 0.0 83.0





#73

Bromobenzene

Concen: 4.986 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA\_X

ClientSampleId :

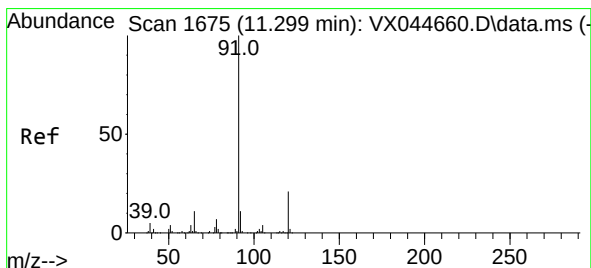
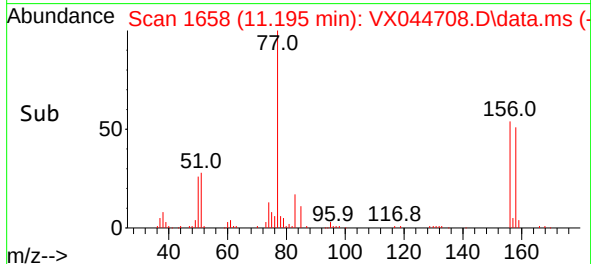
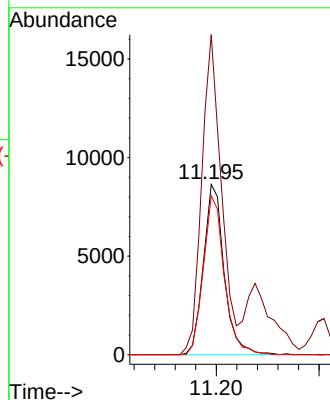
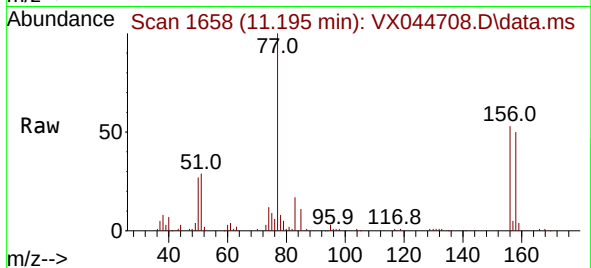
Tgt Ion:156 Resp: 12139

Ion Ratio Lower Upper

156 100

77 177.4 0.0 354.6

158 94.2 0.0 193.6



#74

n-propylbenzene

Concen: 5.103 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX044708.D

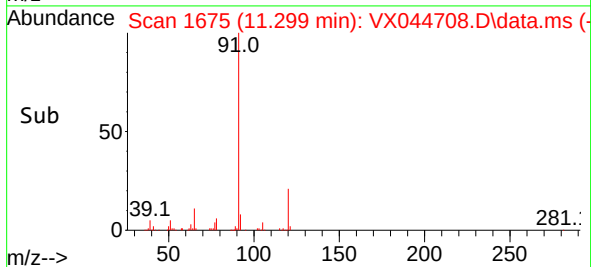
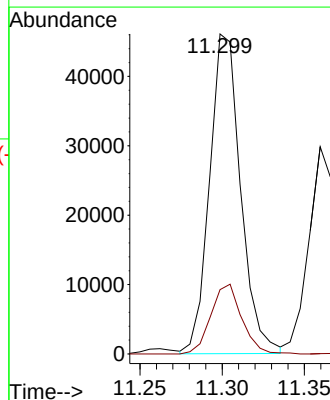
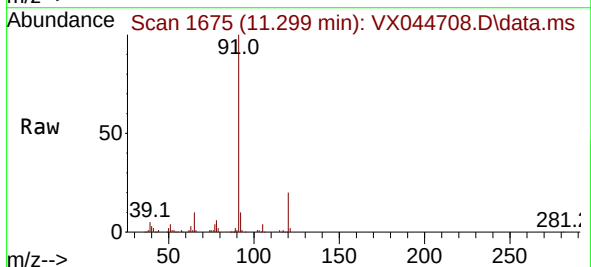
Acq: 23 Jan 2025 15:12

Tgt Ion: 91 Resp: 60577

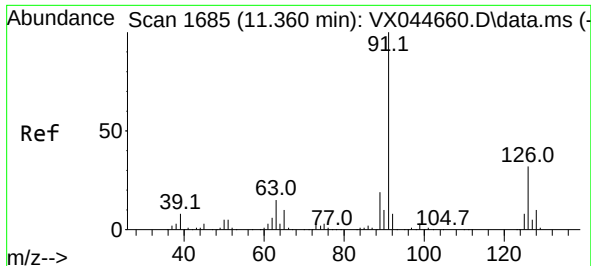
Ion Ratio Lower Upper

91 100

120 21.6 0.0 45.0



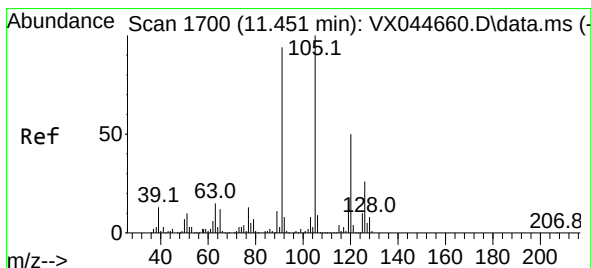
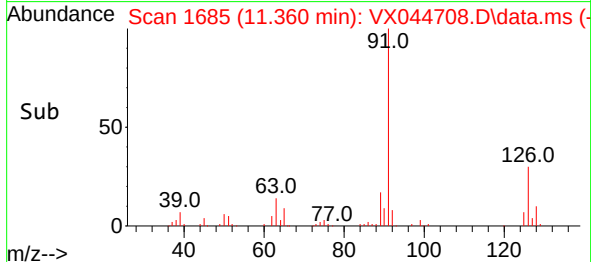
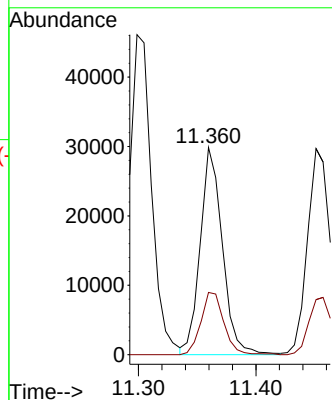
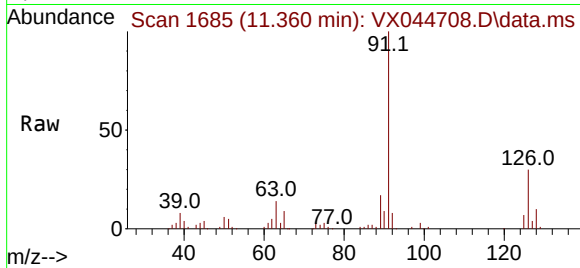




#75  
2-Chlorotoluene  
Concen: 5.249 ug/l  
RT: 11.360 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

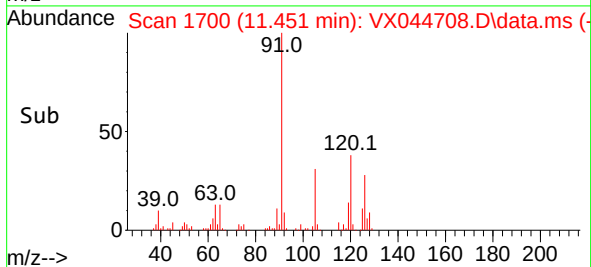
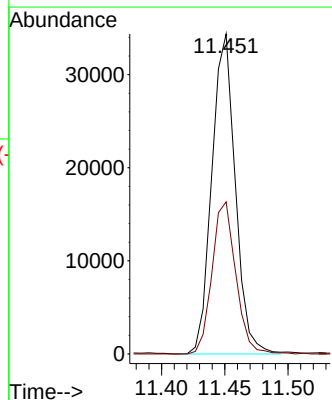
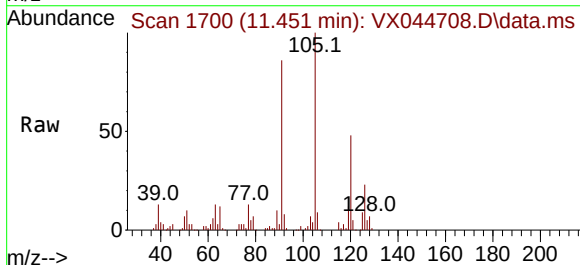
Instrument :  
MSVOA\_X  
ClientSampleId :

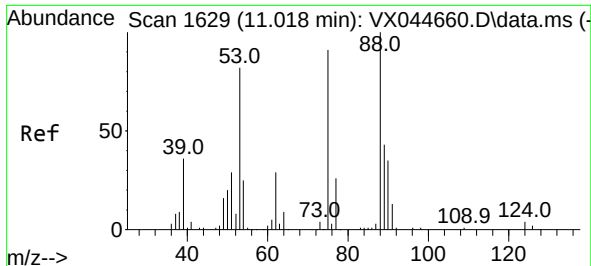
Tgt Ion: 91 Resp: 39175  
Ion Ratio Lower Upper  
91 100  
126 31.0 0.0 64.0



#76  
1,3,5-Trimethylbenzene  
Concen: 5.225 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 105 Resp: 44351  
Ion Ratio Lower Upper  
105 100  
120 48.1 0.0 96.8

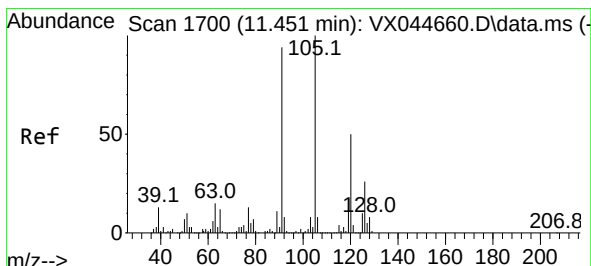
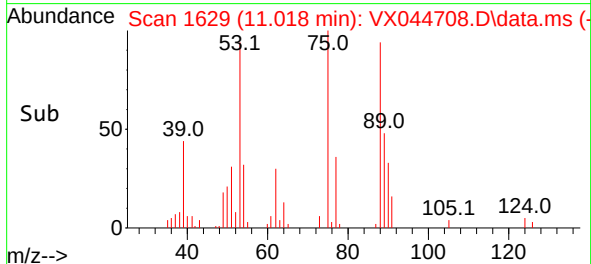
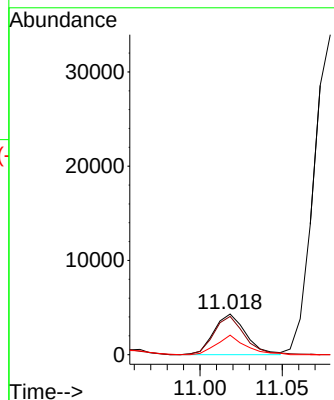
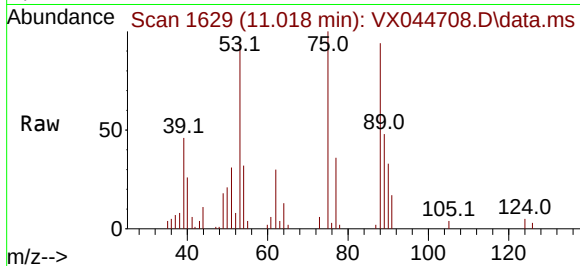




#77  
t-1,4-Dichloro-2-butene  
Concen: 4.183 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

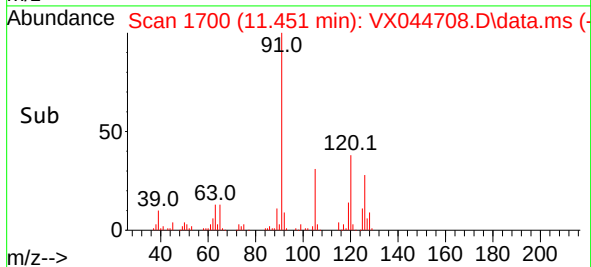
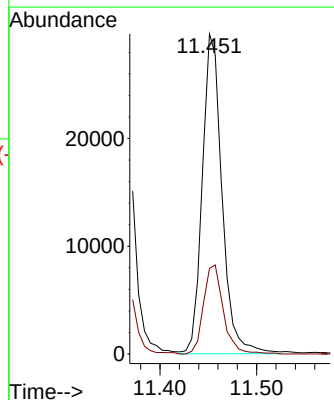
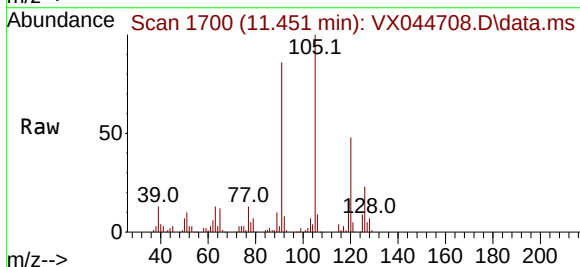
Instrument :  
MSVOA\_X  
ClientSampleId :

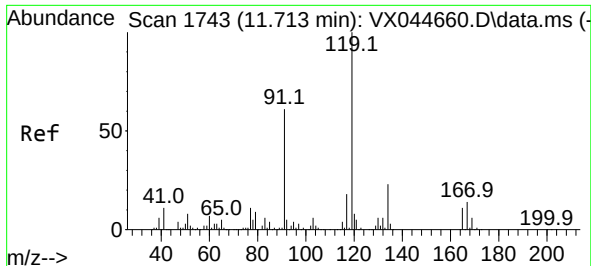
Tgt Ion: 75 Resp: 5850  
Ion Ratio Lower Upper  
75 100  
53 94.0 45.3 135.9  
89 48.2 23.8 71.2



#78  
4-Chlorotoluene  
Concen: 5.126 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion: 91 Resp: 42157  
Ion Ratio Lower Upper  
91 100  
126 27.9 0.0 55.4

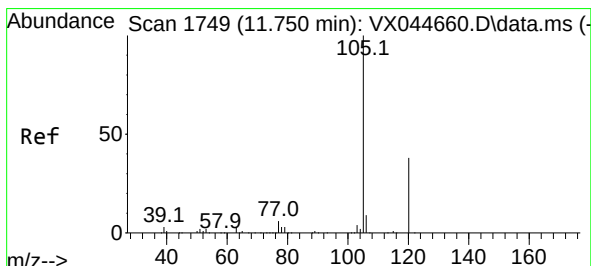
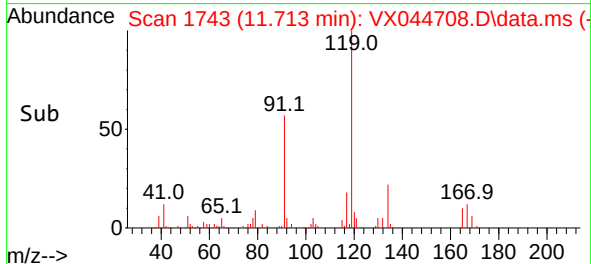
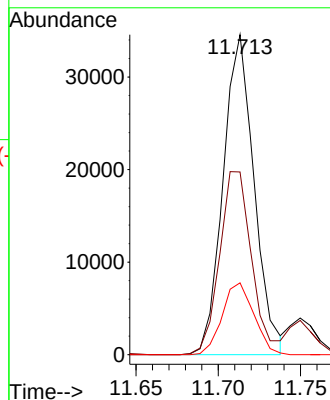
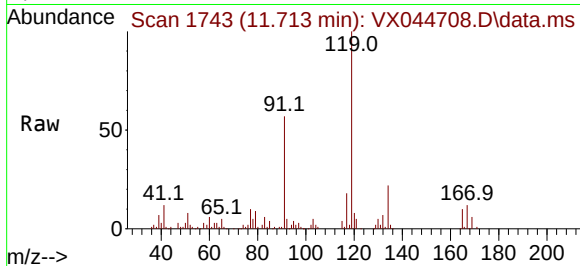




#79  
tert-butylbenzene  
Concen: 5.212 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

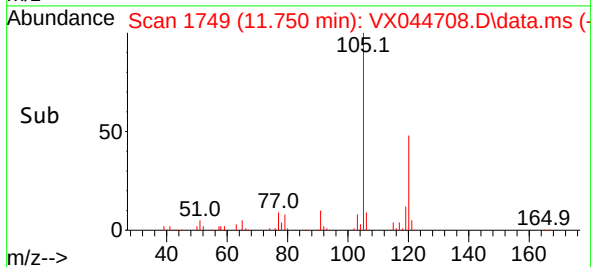
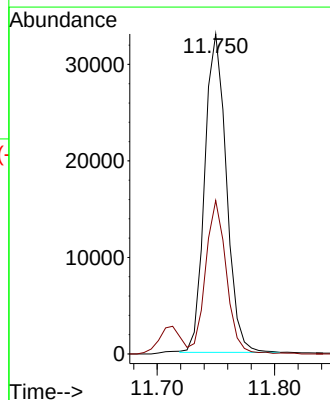
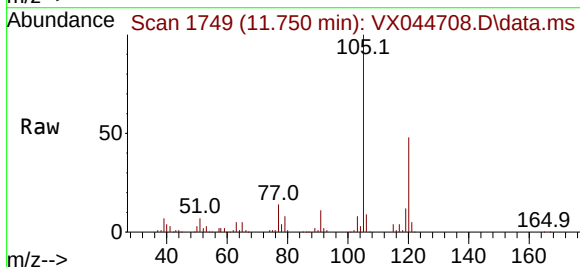
Instrument :  
MSVOA\_X  
ClientSampleId :

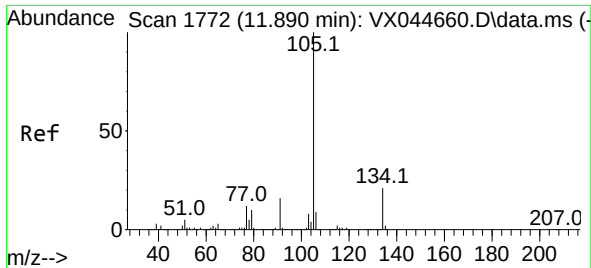
Tgt Ion:119 Resp: 45449  
Ion Ratio Lower Upper  
119 100  
91 58.1 0.0 119.0  
134 22.9 0.0 44.8



#80  
1,2,4-Trimethylbenzene  
Concen: 4.923 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

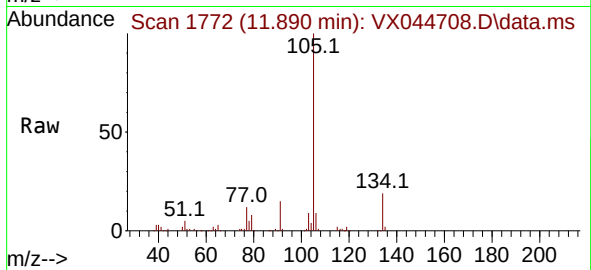
Tgt Ion:105 Resp: 42162  
Ion Ratio Lower Upper  
105 100  
120 46.1 0.0 88.4



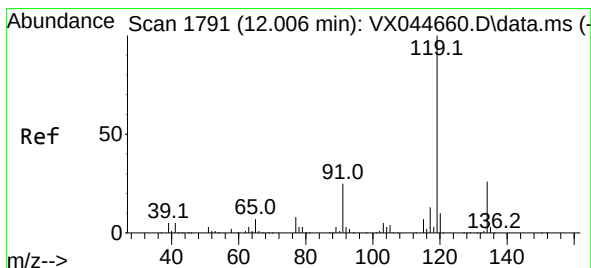
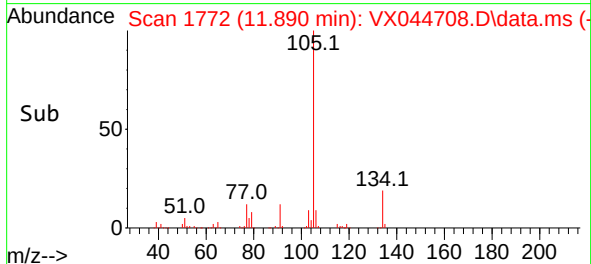
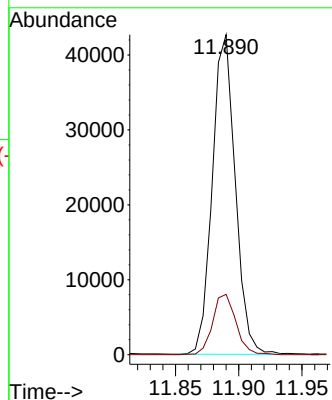


#81  
sec-Butylbenzene  
Concen: 5.169 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :

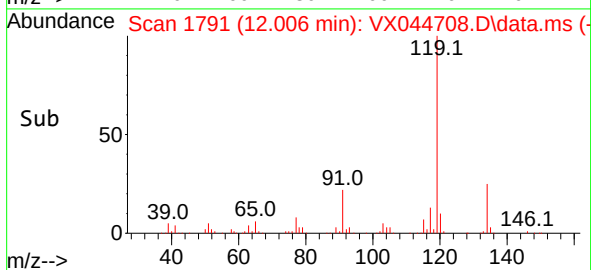
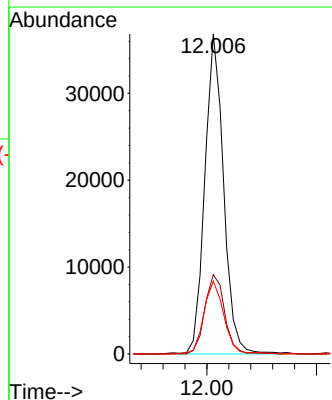
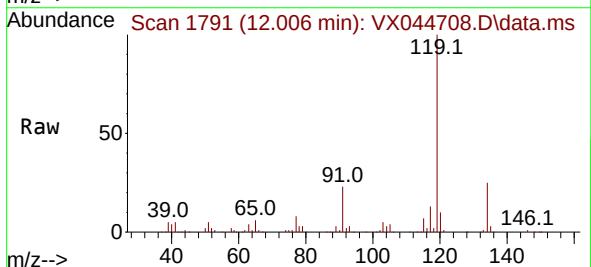


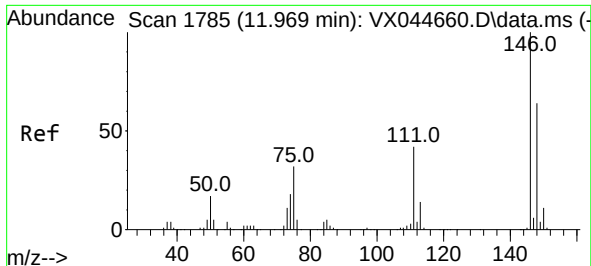
Tgt Ion:105 Resp: 53821  
Ion Ratio Lower Upper  
105 100  
134 19.1 0.0 39.6



#82  
p-Isopropyltoluene  
Concen: 5.107 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

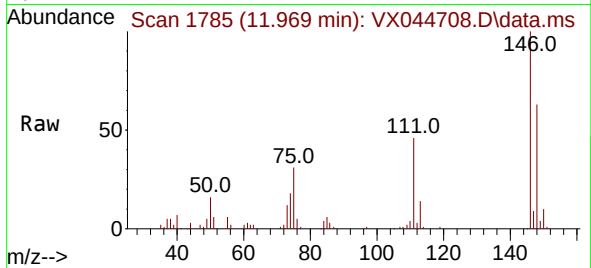
Tgt Ion:119 Resp: 43761  
Ion Ratio Lower Upper  
119 100  
134 25.9 0.0 52.2  
91 23.9 0.0 50.2



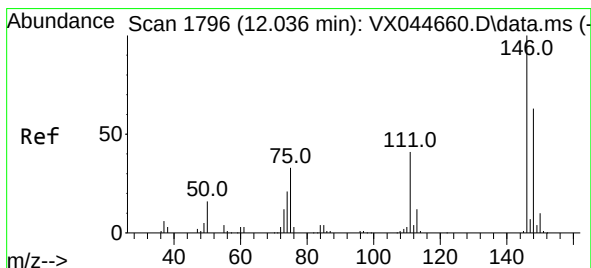
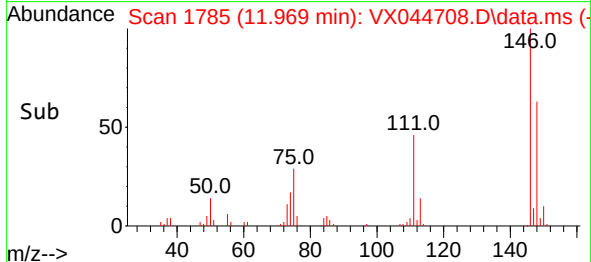
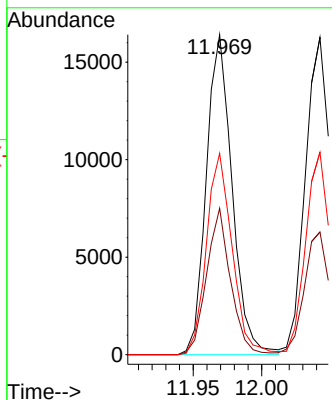


#83  
1,3-Dichlorobenzene  
Concen: 4.966 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :

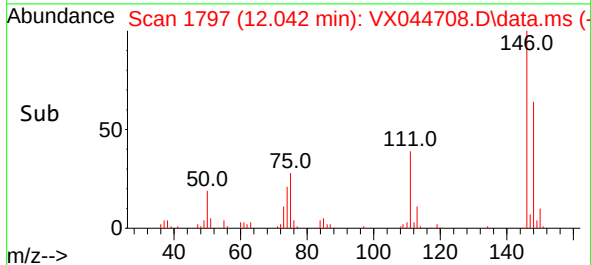
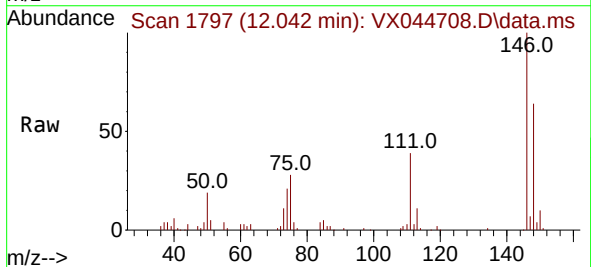
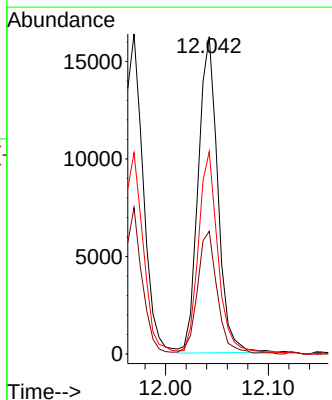


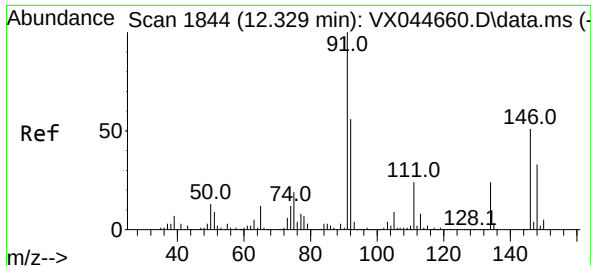
Tgt Ion:146 Resp: 21475  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.6 64.6  
148 62.8 31.6 94.7



#84  
1,4-Dichlorobenzene  
Concen: 5.054 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.006 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion:146 Resp: 21429  
Ion Ratio Lower Upper  
146 100  
111 39.8 20.8 62.5  
148 63.2 32.1 96.5





#85

n-Butylbenzene

Concen: 4.949 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA\_X

ClientSampleId :

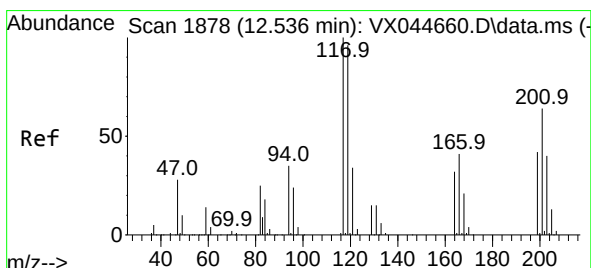
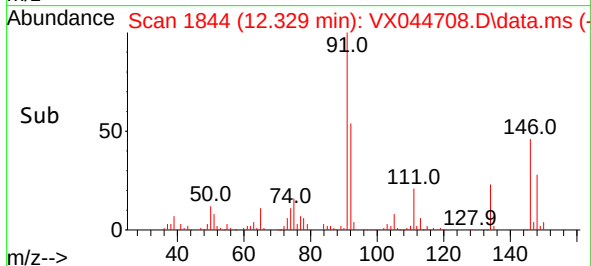
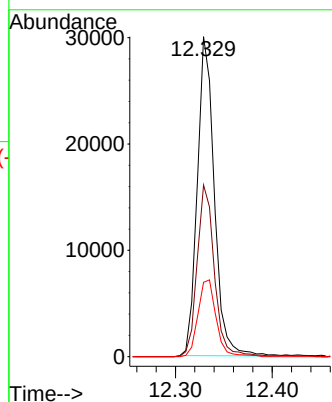
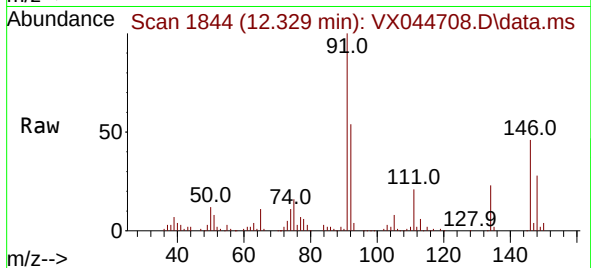
Tgt Ion: 91 Resp: 36763

Ion Ratio Lower Upper

91 100

92 54.7 0.0 109.4

134 25.7 0.0 49.2



#86

Hexachloroethane

Concen: 4.822 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044708.D

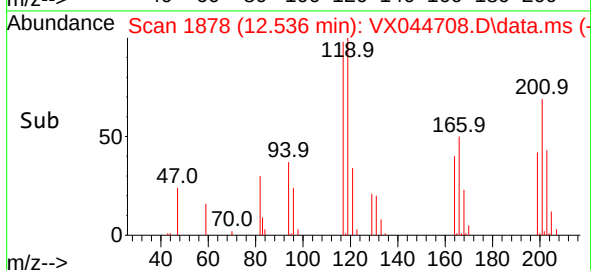
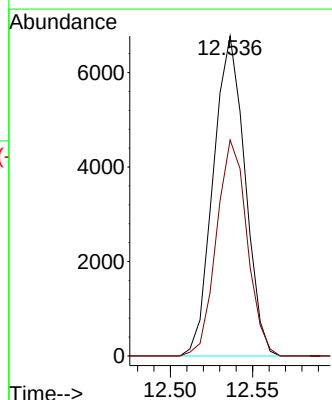
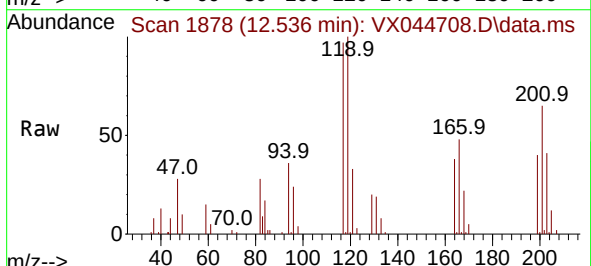
Acq: 23 Jan 2025 15:12

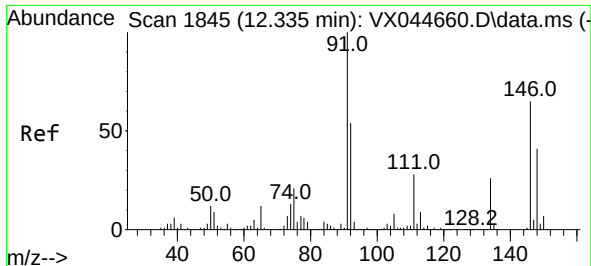
Tgt Ion: 117 Resp: 9090

Ion Ratio Lower Upper

117 100

201 65.0 33.0 98.9

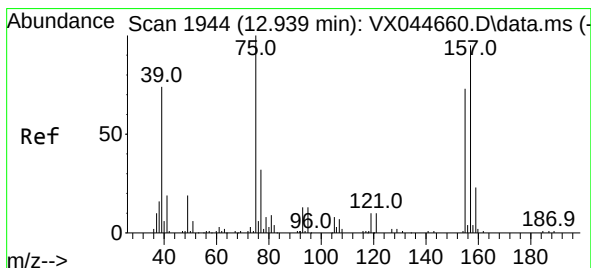
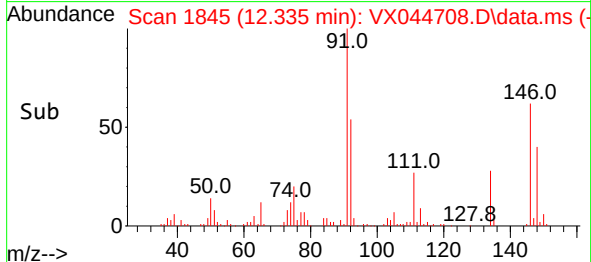
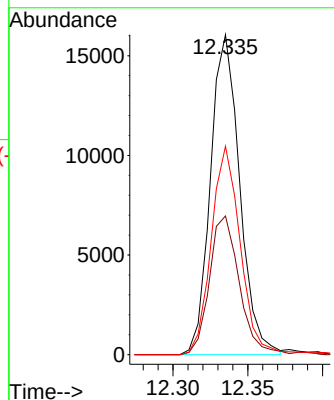
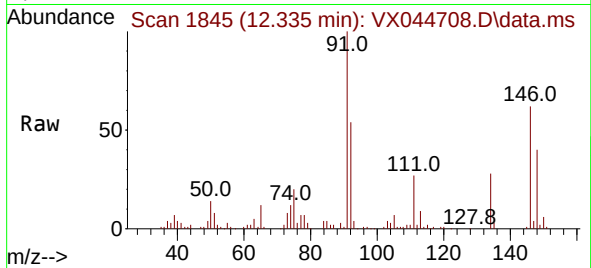




#87  
 1,2-Dichlorobenzene  
 Concen: 5.053 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX044708.D  
 Acq: 23 Jan 2025 15:12

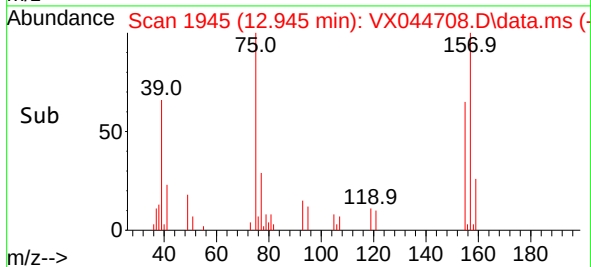
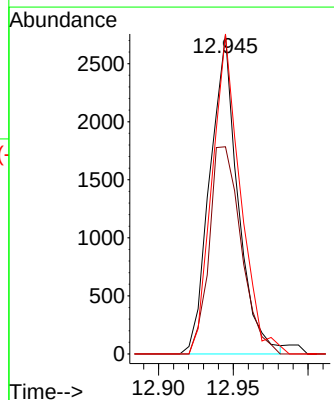
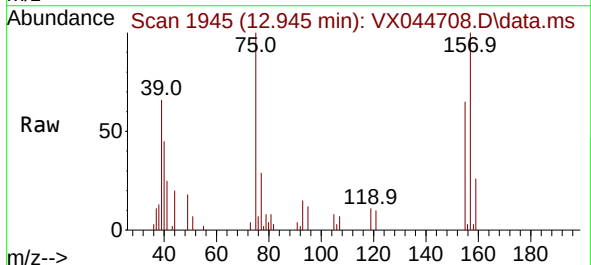
Instrument :  
 MSVOA\_X  
 ClientSampleId :

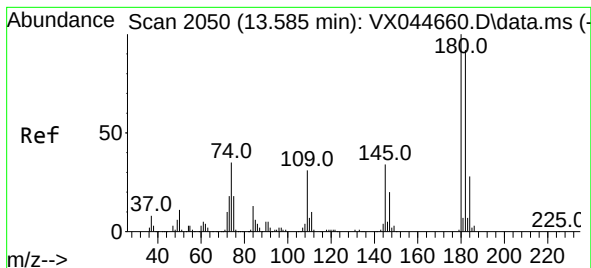
Tgt Ion:146 Resp: 21822  
 Ion Ratio Lower Upper  
 146 100  
 111 44.2 22.2 66.6  
 148 64.4 32.1 96.3



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.219 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.006 min  
 Lab File: VX044708.D  
 Acq: 23 Jan 2025 15:12

Tgt Ion: 75 Resp: 3570  
 Ion Ratio Lower Upper  
 75 100  
 155 74.2 62.3 93.5  
 157 98.9 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 4.734 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044708.D

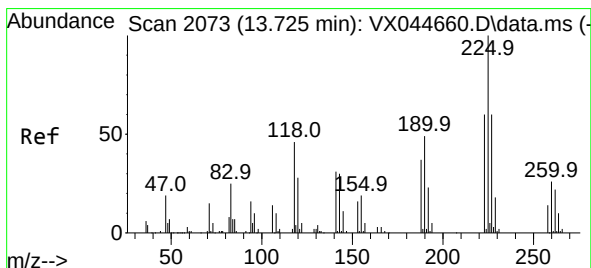
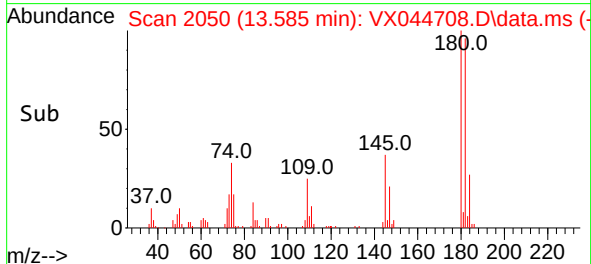
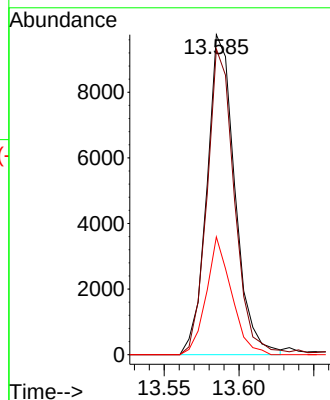
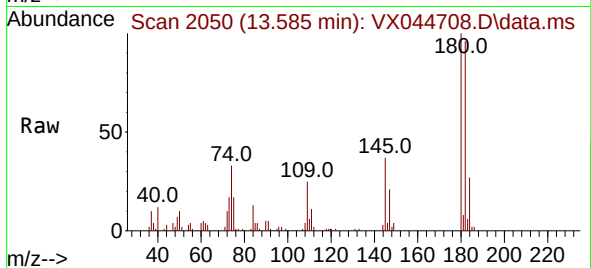
Acq: 23 Jan 2025 15:12

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 12705      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.2  | 75.6 113.4 |
| 145         | 33.1  | 26.6 40.0  |



#90

Hexachlorobutadiene

Concen: 5.161 ug/l

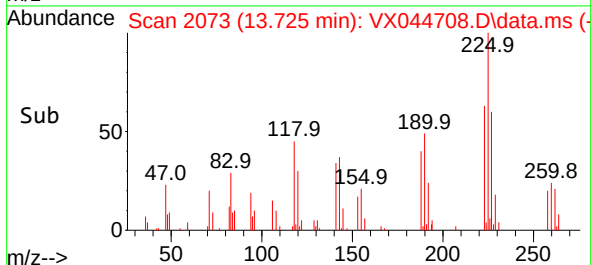
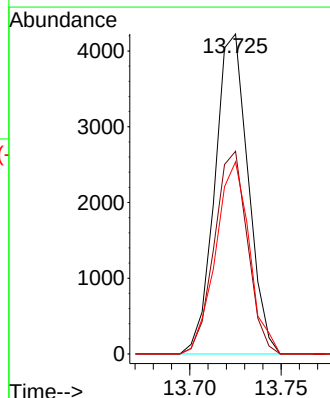
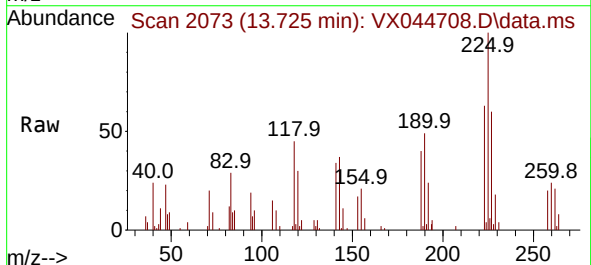
RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

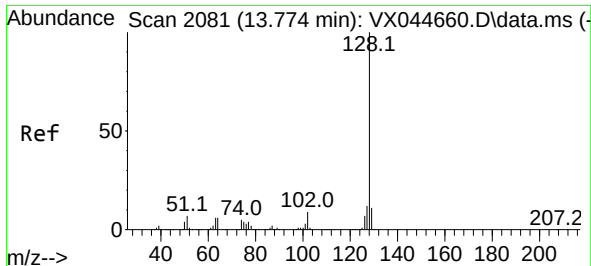
Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 5358      |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.8  | 0.0 123.0 |
| 227         | 60.9  | 0.0 124.2 |

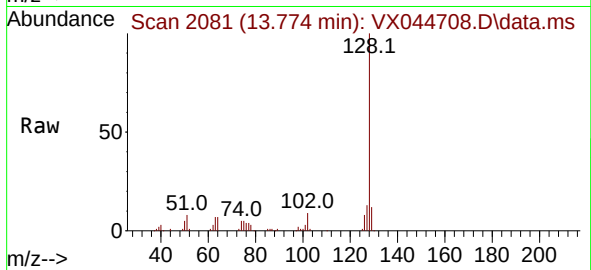




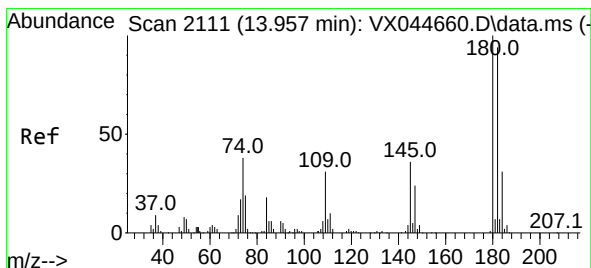
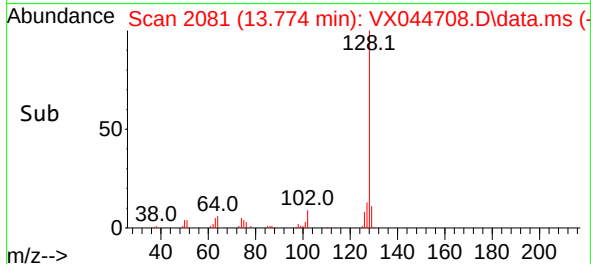
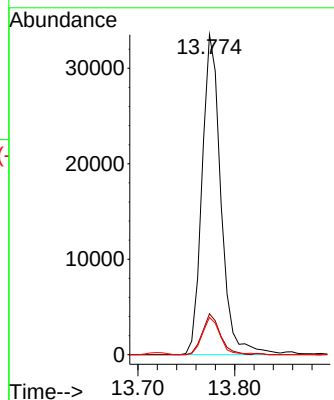


#91  
Naphthalene  
Concen: 4.543 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 45616  
Ion Ratio Lower Upper  
128 100  
127 12.1 10.2 15.4  
129 10.9 9.0 13.6



#92  
1,2,3-Trichlorobenzene  
Concen: 4.785 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: VX044708.D  
Acq: 23 Jan 2025 15:12

Tgt Ion:180 Resp: 13061  
Ion Ratio Lower Upper  
180 100  
182 95.3 0.0 187.8  
145 35.2 0.0 69.8

