

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120324\  
 Data File : VX044106.D  
 Acq On : 03 Dec 2024 20:41  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 04 00:17:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.543          | 168  | 109868              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.756          | 114  | 214840              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 184490              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018         | 152  | 87967               | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 97676               | 51.833  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 103.660% |         |        |          |
| 35) Dibromofluoromethane     | 5.379          | 113  | 70109               | 45.669  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 91.340%  |         |        |          |
| 50) Toluene-d8               | 8.646          | 98   | 236548              | 44.701  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 89.400%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 87932               | 48.826  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = 97.660%  |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 60573               | 43.520  | ug/l   | 96       |
| 3) Chloromethane             | 1.294          | 50   | 64419               | 43.982  | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.373          | 62   | 72568               | 46.581  | ug/l   | 95       |
| 5) Bromomethane              | 1.593          | 94   | 50815               | 53.022  | ug/l   | 99       |
| 6) Chloroethane              | 1.666          | 64   | 46830               | 49.333  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.867          | 101  | 137303              | 49.296  | ug/l   | 99       |
| 8) Diethyl Ether             | 2.135          | 74   | 53976               | 53.170  | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.318          | 101  | 64558               | 48.592  | ug/l   | 96       |
| 10) Methyl Iodide            | 2.440          | 142  | 84951               | 51.197  | ug/l   | 96       |
| 11) Tert butyl alcohol       | 2.995          | 59   | 78452               | 259.374 | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 2.306          | 96   | 61759               | 48.783  | ug/l   | 96       |
| 13) Acrolein                 | 2.233          | 56   | 97260               | 305.070 | ug/l   | 96       |
| 14) Allyl chloride           | 2.654          | 41   | 113204              | 54.724  | ug/l   | 97       |
| 15) Acrylonitrile            | 3.062          | 53   | 200820              | 272.449 | ug/l   | 98       |
| 16) Acetone                  | 2.385          | 43   | 196079              | 226.550 | ug/l   | 97       |
| 17) Carbon Disulfide         | 2.501          | 76   | 102489              | 39.246  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.702          | 43   | 119415              | 59.247  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 265617              | 57.783  | ug/l   | 98       |
| 20) Methylene Chloride       | 2.782          | 84   | 73542               | 50.071  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 3.086          | 96   | 64297               | 49.192  | ug/l   | 96       |
| 22) Diisopropyl ether        | 3.763          | 45   | 253922              | 57.404  | ug/l   | 96       |
| 23) Vinyl Acetate            | 3.720          | 43   | 1065753             | 281.651 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 138664              | 54.339  | ug/l   | 99       |
| 25) 2-Butanone               | 4.562          | 43   | 298003              | 266.844 | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.470          | 77   | 116236              | 50.437  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.482          | 96   | 84885               | 52.539  | ug/l   | 98       |
| 28) Bromochloromethane       | 4.897          | 49   | 58309               | 51.911  | ug/l   | 99       |
| 29) Tetrahydrofuran          | 5.007          | 42   | 187088              | 273.261 | ug/l   | 99       |
| 30) Chloroform               | 5.086          | 83   | 153414              | 55.897  | ug/l   | 100      |
| 31) Cyclohexane              | 5.458          | 56   | 96071               | 45.743  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 130890              | 55.302  | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 5.683          | 75   | 89251               | 46.656  | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.714          | 43   | 121488              | 51.161  | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.671          | 117  | 100912              | 46.947  | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.378          | 83   | 104551              | 42.070  | ug/l   | 97       |
| 40) Benzene                  | 6.031          | 78   | 280881              | 47.137  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120324\  
 Data File : VX044106.D  
 Acq On : 03 Dec 2024 20:41  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 04 00:17:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.921  | 41   | 65738    | 54.089   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 124255   | 51.921   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 199132   | 52.693   | ug/l   | 99       |
| 44) Trichloroethene           | 7.122  | 130  | 70079    | 41.544   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 74576    | 51.099   | ug/l   | 99       |
| 46) Dibromomethane            | 7.579  | 93   | 59849    | 51.841   | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.817  | 83   | 106279   | 51.329   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.689  | 41   | 93652    | 51.646   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 32888    | 1018.165 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 627669   | 272.168  | ug/l   | 99       |
| 52) Toluene                   | 8.713  | 92   | 173289   | 48.588   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 111582   | 52.846   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 116812   | 50.466   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 75088    | 51.003   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 125432   | 54.699   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 128343   | 51.750   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 313791   | 249.660  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 468792   | 270.449  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.518  | 129  | 78726    | 53.296   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 77904    | 52.332   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.268  | 164  | 57008    | 46.862   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 191763   | 47.326   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.158 | 131  | 69792    | 53.110   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.189 | 91   | 344031   | 50.107   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 248942   | 97.225   | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 124184   | 49.675   | ug/l   | 94       |
| 70) Styrene                   | 10.652 | 104  | 214033   | 51.764   | ug/l   | 98       |
| 71) Bromoform                 | 10.798 | 173  | 45631    | 45.999   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 326988   | 48.357   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 169294   | 54.045   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 117237   | 50.635   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.237 | 75   | 127511   | 66.099   | ug/l   | 84       |
| 77) Bromobenzene              | 11.195 | 156  | 77537    | 48.068   | ug/l   | 97       |
| 78) n-propylbenzene           | 11.304 | 91   | 368334   | 48.772   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.365 | 91   | 228741   | 47.899   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 274431   | 49.331   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 32477    | 45.939   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 265214   | 49.192   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 271637   | 49.263   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.749 | 105  | 279591   | 50.481   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 324935   | 48.097   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 276368   | 50.361   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 140865   | 47.948   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 143096   | 47.774   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329 | 91   | 241416   | 49.897   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.536 | 117  | 43099    | 46.187   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 142082   | 47.922   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.938 | 75   | 24070    | 51.882   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 82899    | 47.426   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 30952    | 44.804   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 372432   | 59.190   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.956 | 180  | 87720    | 49.582   | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120324\  
Data File : VX044106.D  
Acq On : 03 Dec 2024 20:41  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

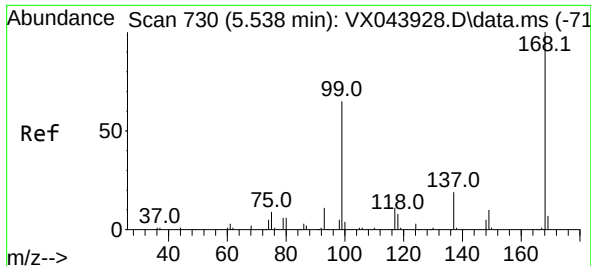
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 04 00:17:45 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration

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

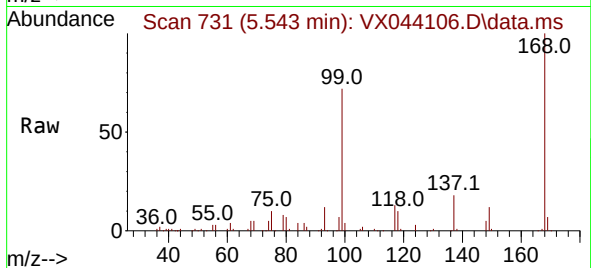
(#) = qualifier out of range (m) = manual integration (+) = signals summed



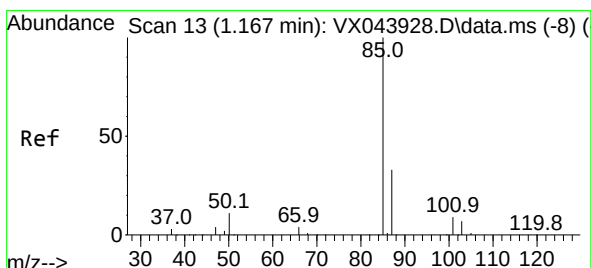
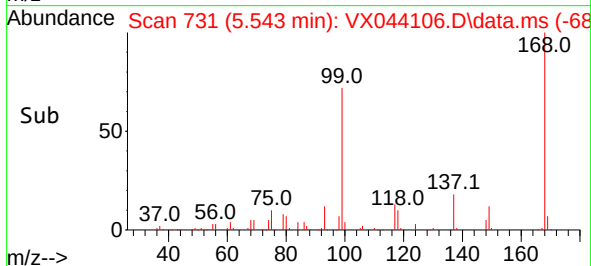
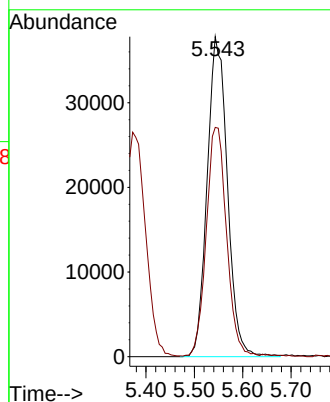


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.543 min Scan# 71  
Delta R.T. 0.005 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Instrument :  
MSVOA\_X  
ClientSampleId :

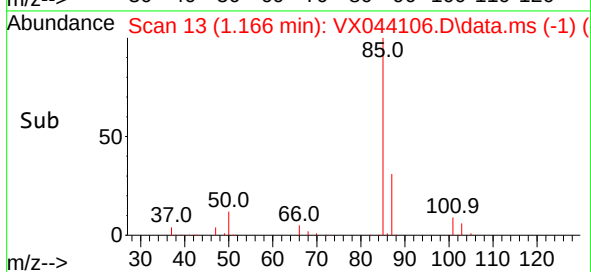
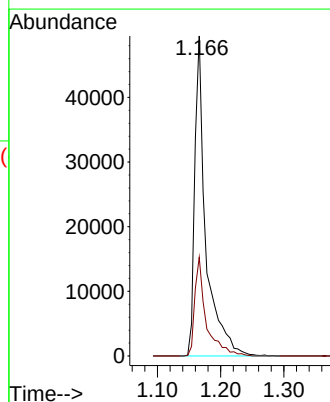
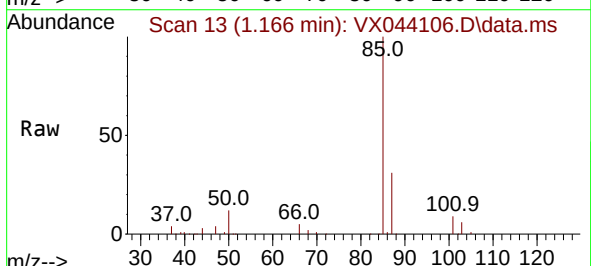


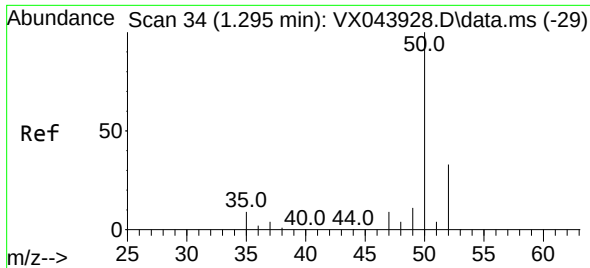
Tgt Ion:168 Resp: 109868  
Ion Ratio Lower Upper  
168 100  
99 71.4 51.8 77.8



#2  
Dichlorodifluoromethane  
Concen: 43.520 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 85 Resp: 60573  
Ion Ratio Lower Upper  
85 100  
87 30.9 16.6 49.8

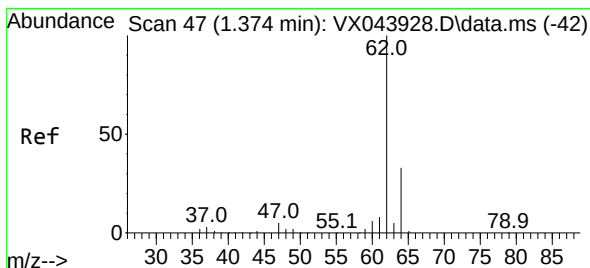
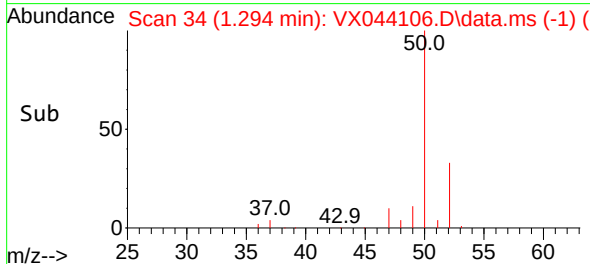
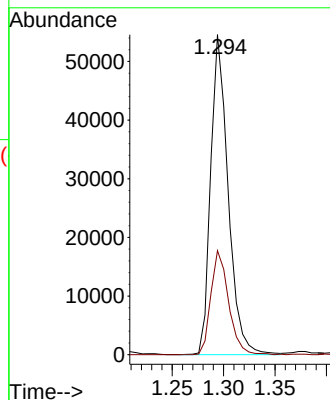
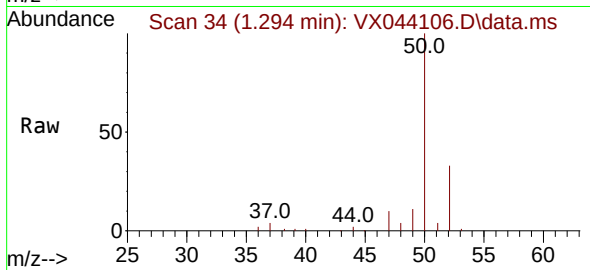




#3  
Chloromethane  
Concen: 43.982 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

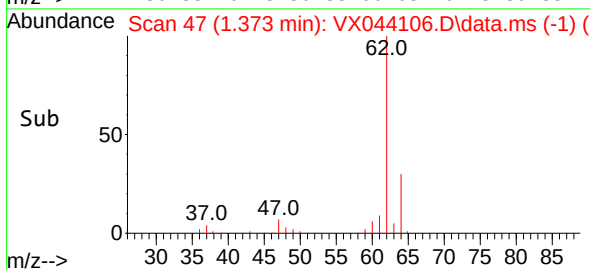
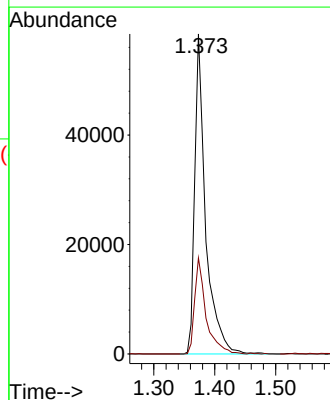
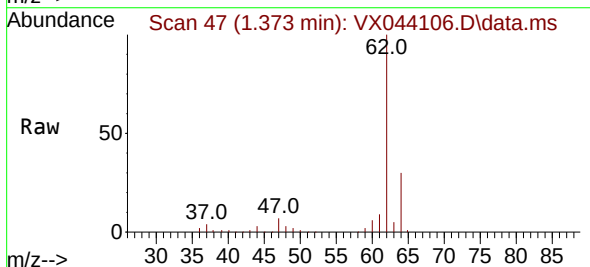
Instrument :  
MSVOA\_X  
ClientSampleId :

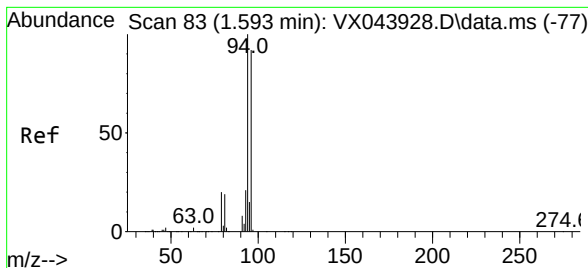
Tgt Ion: 50 Resp: 64419  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.1 39.1



#4  
Vinyl Chloride  
Concen: 46.581 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 62 Resp: 72568  
Ion Ratio Lower Upper  
62 100  
64 30.0 26.2 39.4

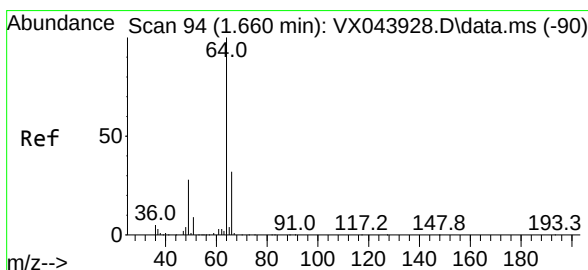
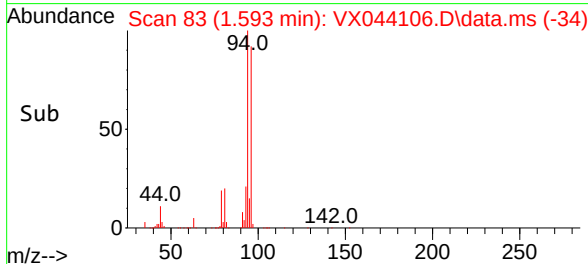
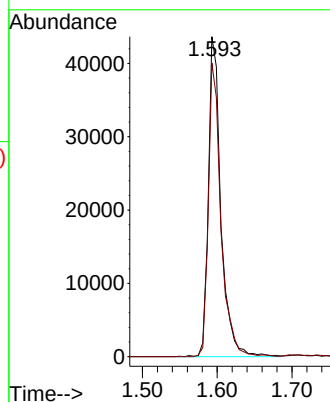
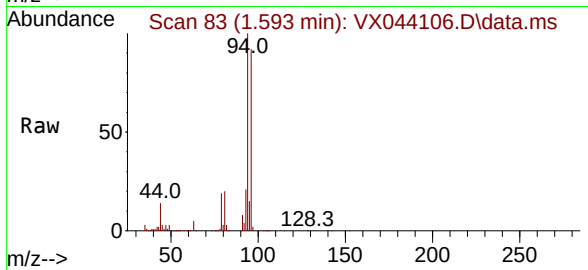




#5  
Bromomethane  
Concen: 53.022 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

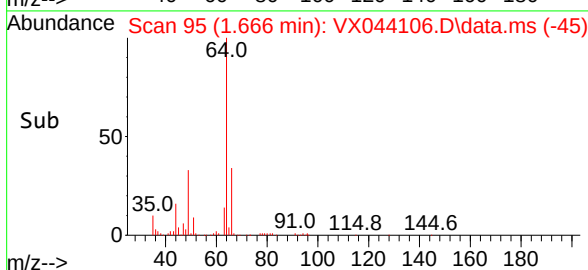
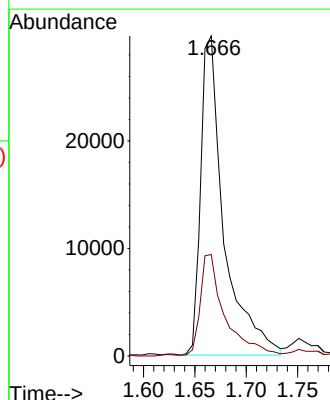
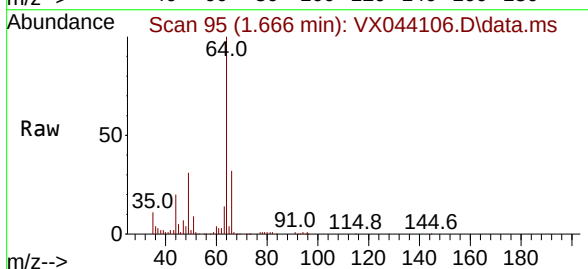
Instrument :  
MSVOA\_X  
ClientSampleId :

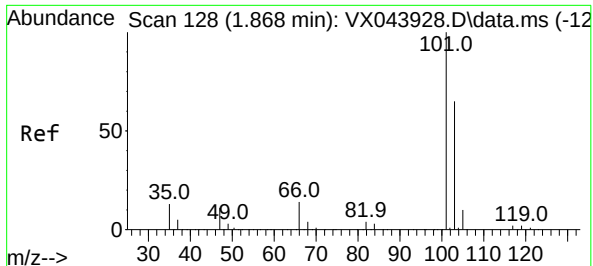
Tgt Ion: 94 Resp: 50815  
Ion Ratio Lower Upper  
94 100  
96 91.7 73.9 110.9



#6  
Chloroethane  
Concen: 49.333 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

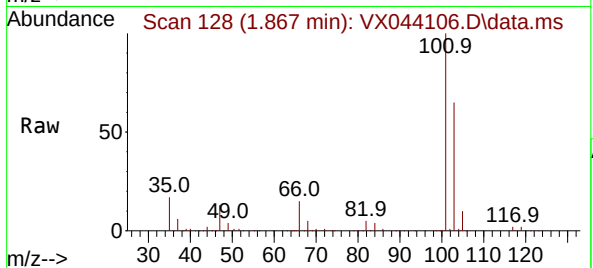
Tgt Ion: 64 Resp: 46830  
Ion Ratio Lower Upper  
64 100  
66 31.6 25.9 38.9



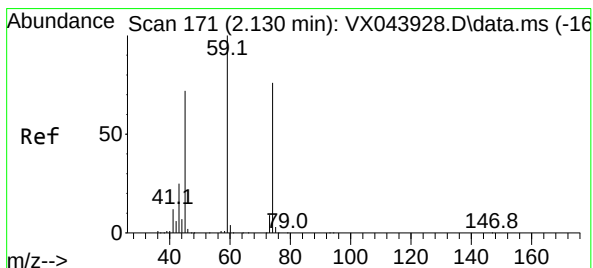
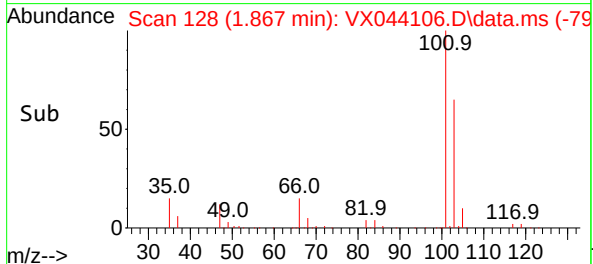
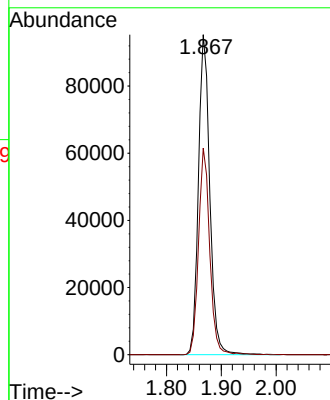


#7  
 Trichlorofluoromethane  
 Concen: 49.296 ug/l  
 RT: 1.867 min Scan# 11  
 Delta R.T. -0.001 min  
 Lab File: VX044106.D  
 Acq: 03 Dec 2024 20:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :

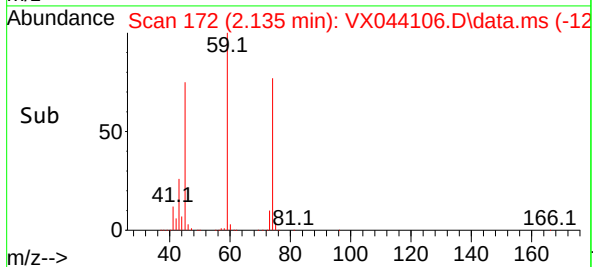
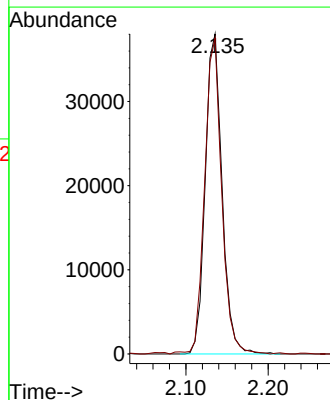
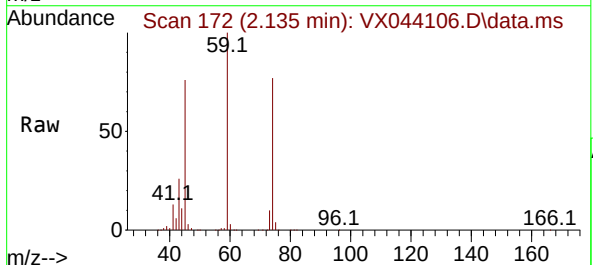


Tgt Ion:101 Resp: 137303  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 52.2 78.2

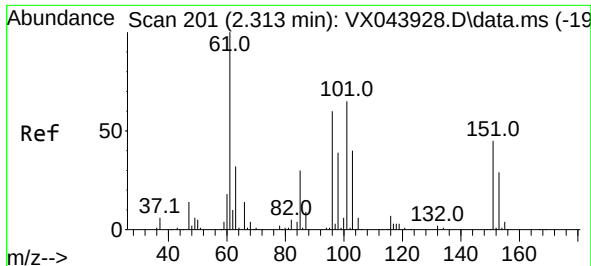


#8  
 Diethyl Ether  
 Concen: 53.170 ug/l  
 RT: 2.135 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX044106.D  
 Acq: 03 Dec 2024 20:41

Tgt Ion: 74 Resp: 53976  
 Ion Ratio Lower Upper  
 74 100  
 45 100.1 47.9 143.6



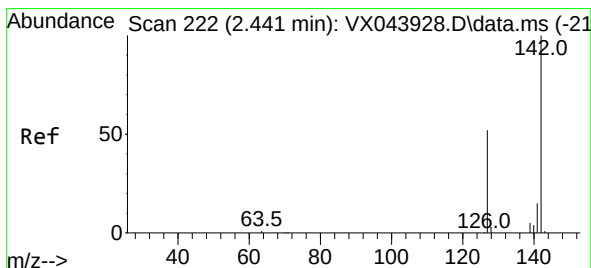
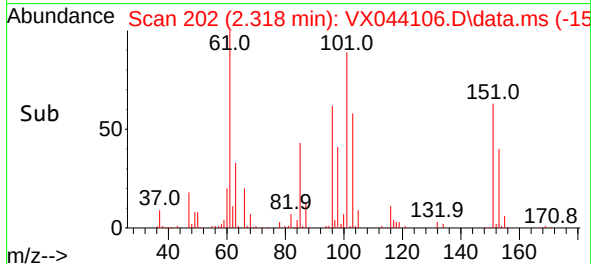
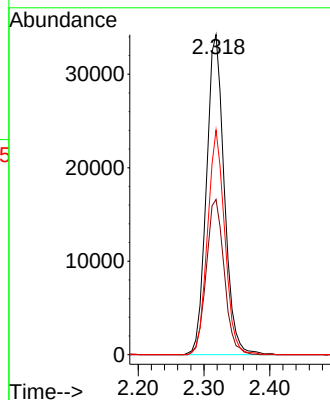
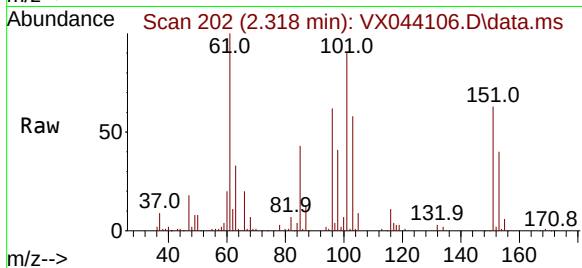




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.592 ug/l  
RT: 2.318 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

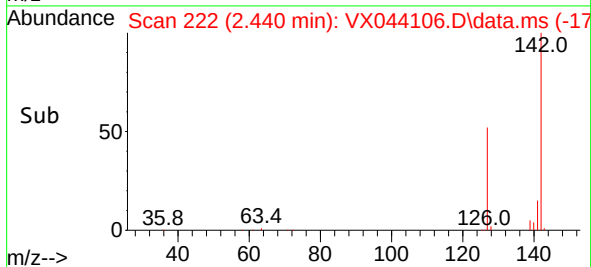
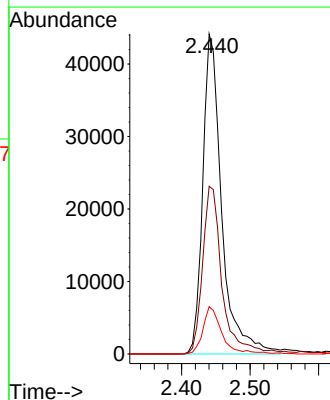
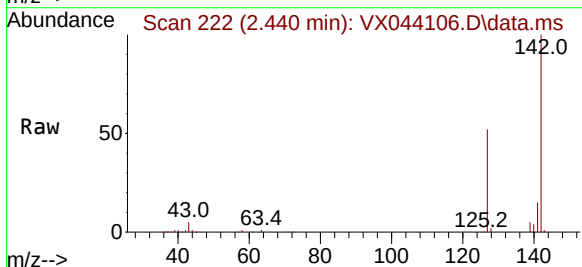
Instrument :  
MSVOA\_X  
ClientSampleId :

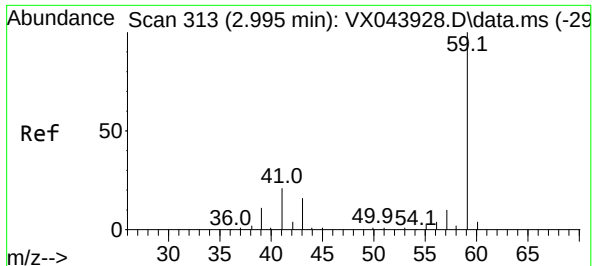
Tgt Ion:101 Resp: 64558  
Ion Ratio Lower Upper  
101 100  
85 48.9 37.9 56.9  
151 67.7 57.5 86.3



#10  
Methyl Iodide  
Concen: 51.197 ug/l  
RT: 2.440 min Scan# 222  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion:142 Resp: 84951  
Ion Ratio Lower Upper  
142 100  
127 54.1 40.7 61.1  
141 14.7 12.0 18.0

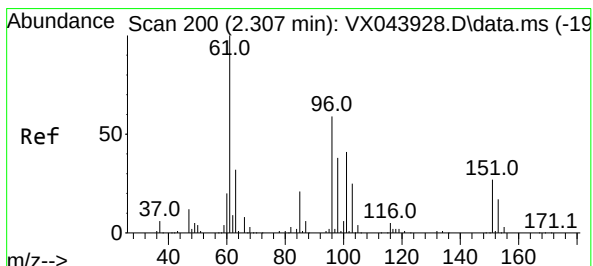
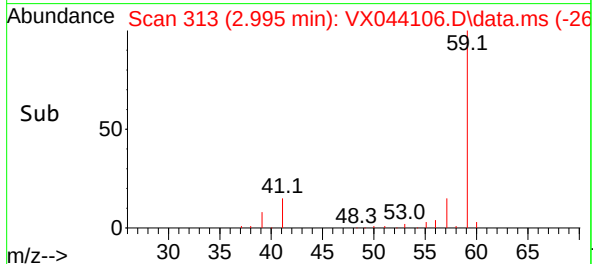
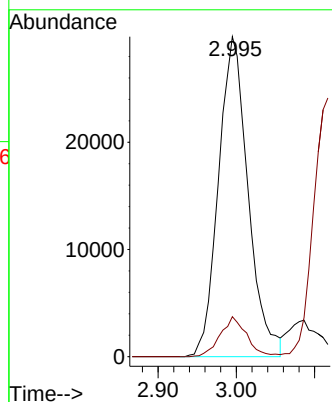
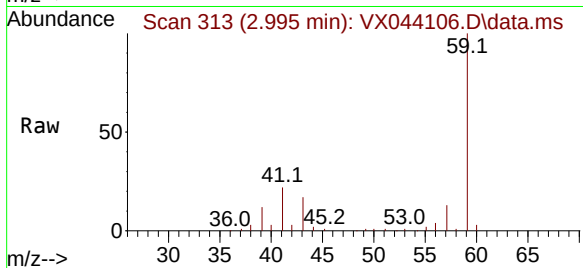




#11  
Tert butyl alcohol  
Concen: 259.374 ug/l  
RT: 2.995 min Scan# 313  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

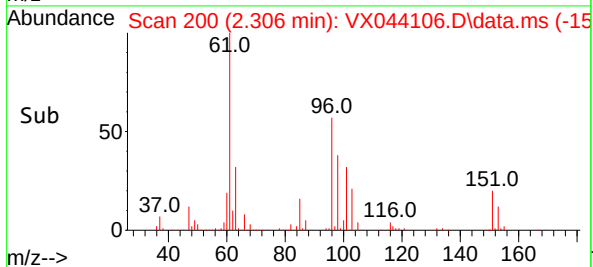
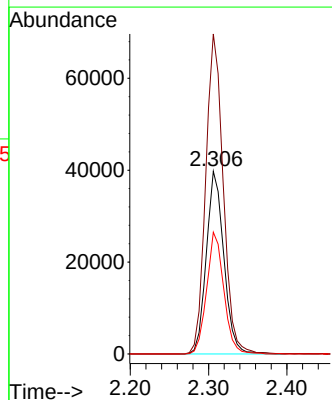
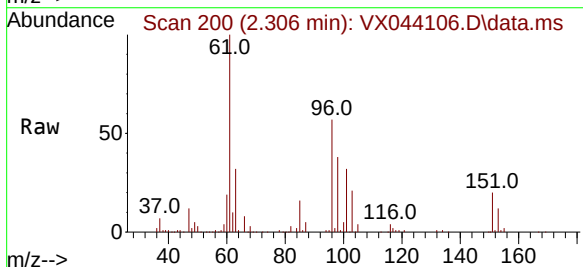
Instrument :  
MSVOA\_X  
ClientSampleId :

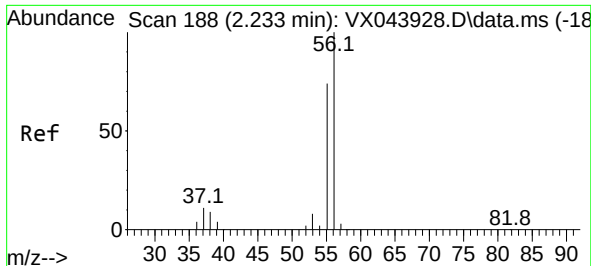
Tgt Ion: 59 Resp: 78452  
Ion Ratio Lower Upper  
59 100  
57 11.2 7.9 11.9



#12  
1,1-Dichloroethene  
Concen: 48.783 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 96 Resp: 61759  
Ion Ratio Lower Upper  
96 100  
61 175.2 135.5 203.3  
98 66.6 50.8 76.2

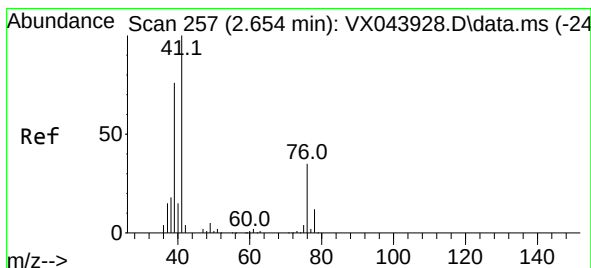
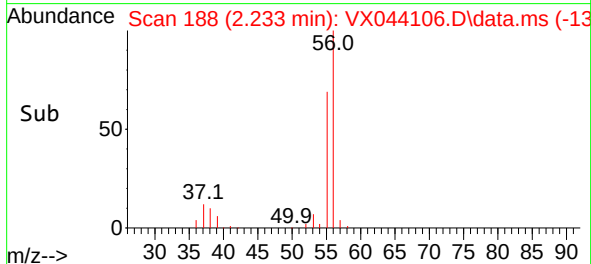
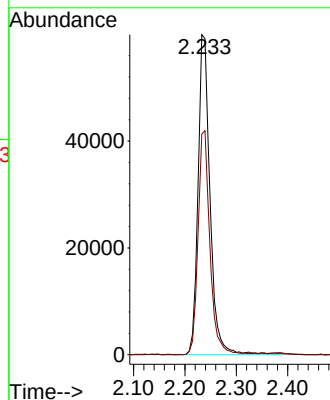
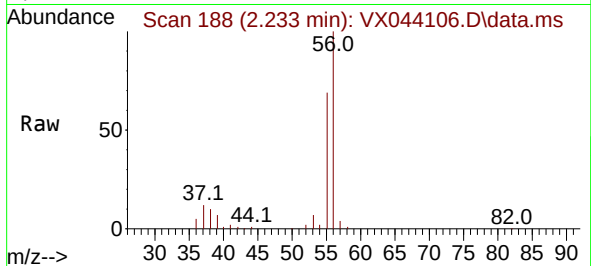




#13  
Acrolein  
Concen: 305.070 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

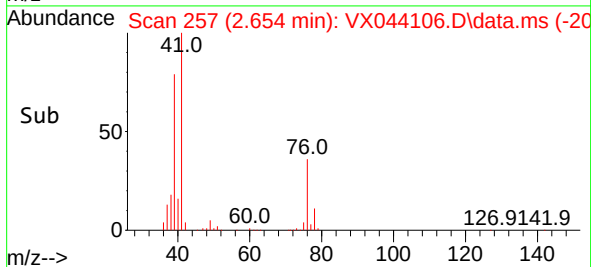
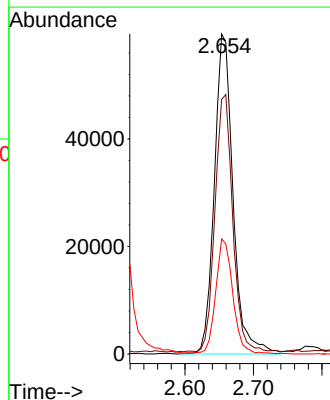
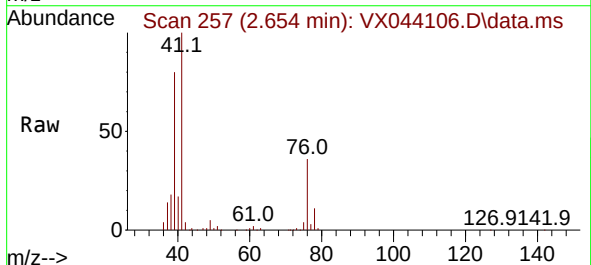
Instrument :  
MSVOA\_X  
ClientSampleId :

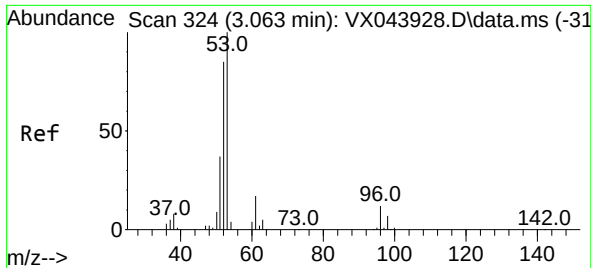
Tgt Ion: 56 Resp: 97260  
Ion Ratio Lower Upper  
56 100  
55 69.3 58.2 87.2



#14  
Allyl chloride  
Concen: 54.724 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 41 Resp: 113204  
Ion Ratio Lower Upper  
41 100  
39 76.7 59.5 89.3  
76 32.9 27.4 41.2

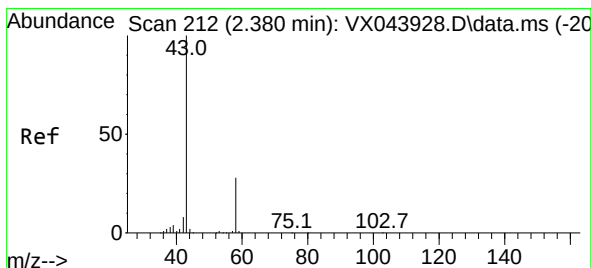
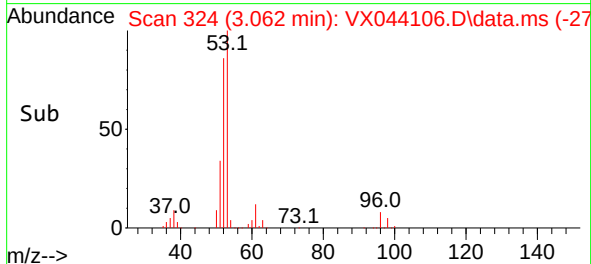
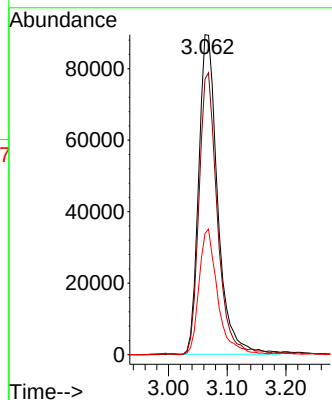
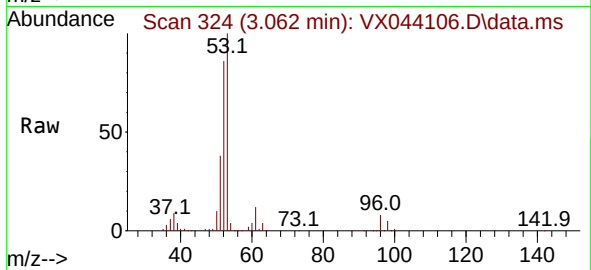




#15  
Acrylonitrile  
Concen: 272.449 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

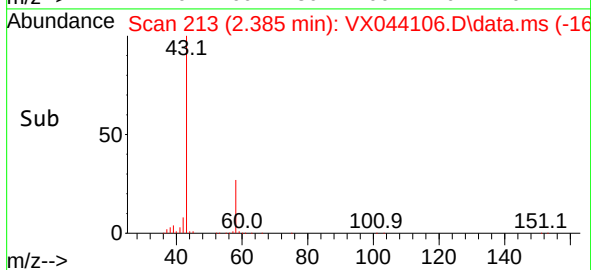
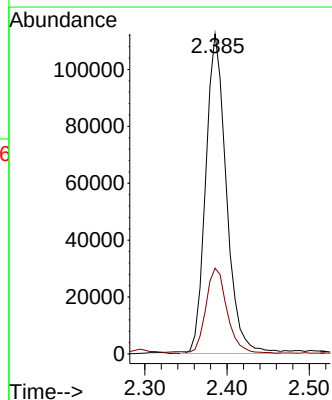
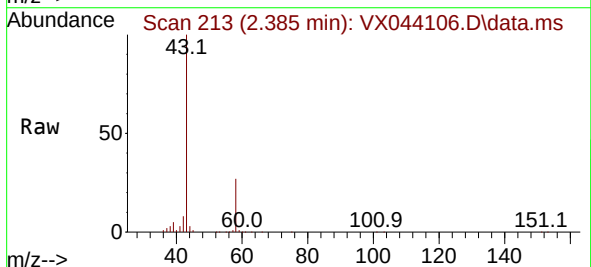
Instrument :  
MSVOA\_X  
ClientSampleId :

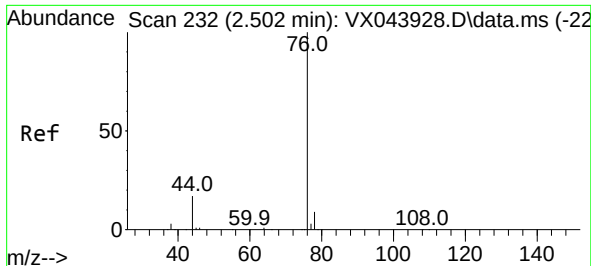
Tgt Ion: 53 Resp: 200820  
Ion Ratio Lower Upper  
53 100  
52 85.4 66.5 99.7  
51 38.4 30.2 45.4



#16  
Acetone  
Concen: 226.550 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

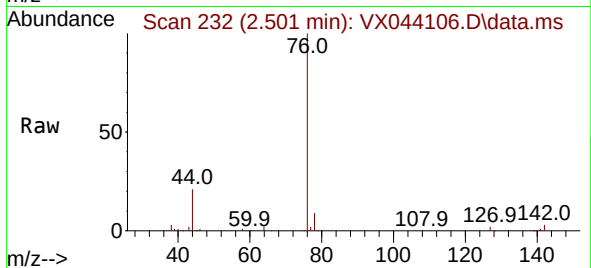
Tgt Ion: 43 Resp: 196079  
Ion Ratio Lower Upper  
43 100  
58 26.6 22.7 34.1



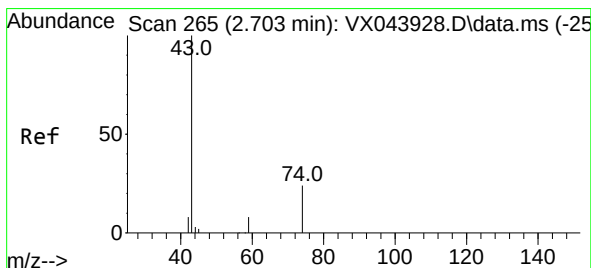
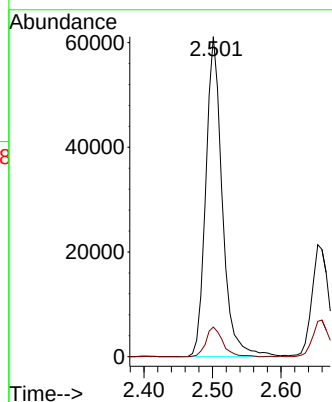
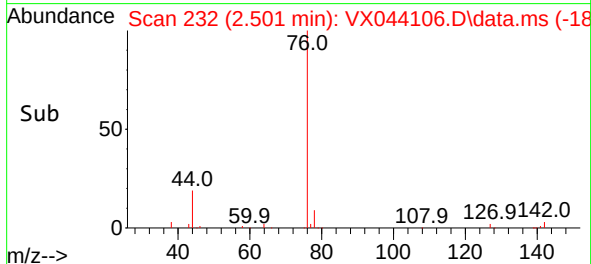


#17  
Carbon Disulfide  
Concen: 39.246 ug/l  
RT: 2.501 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Instrument :  
MSVOA\_X  
ClientSampleId :

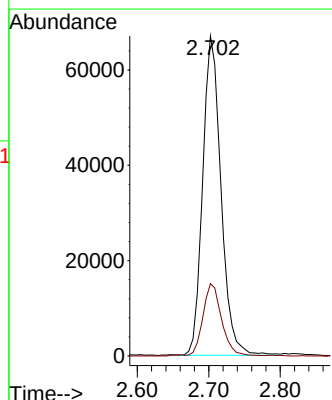
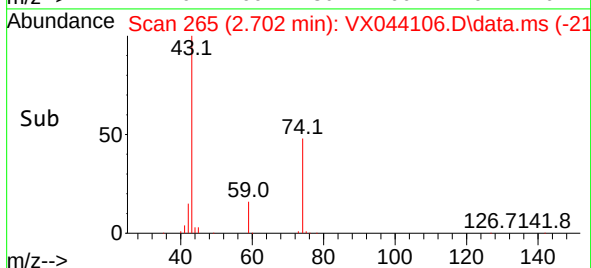
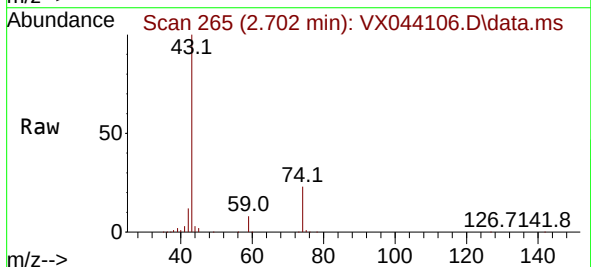


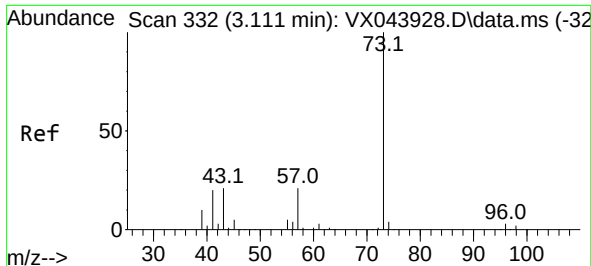
Tgt Ion: 76 Resp: 102489  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.6



#18  
Methyl Acetate  
Concen: 59.247 ug/l  
RT: 2.702 min Scan# 265  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 43 Resp: 119415  
Ion Ratio Lower Upper  
43 100  
74 23.3 18.9 28.3

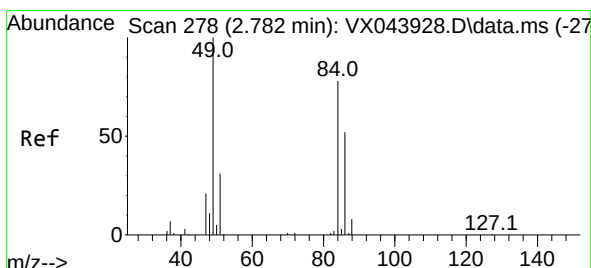
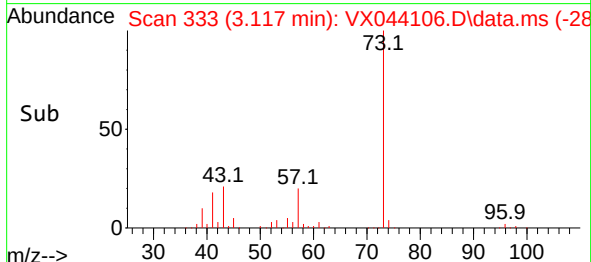
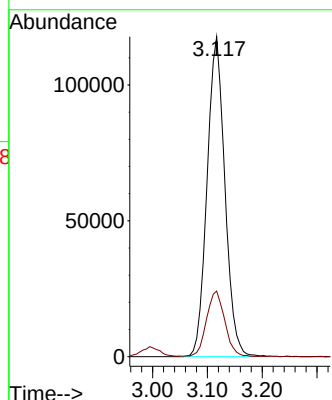
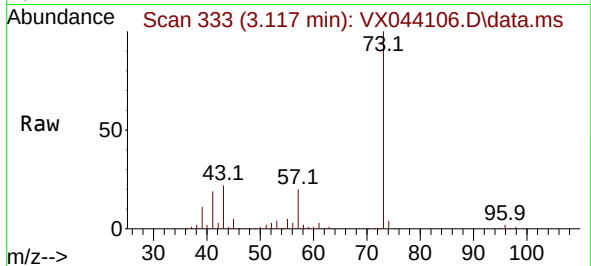




#19  
Methyl tert-butyl Ether  
Concen: 57.783 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

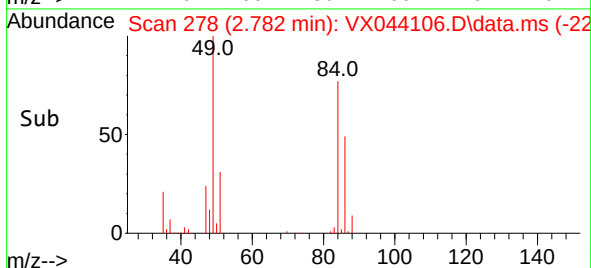
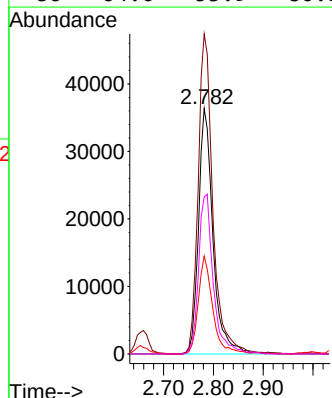
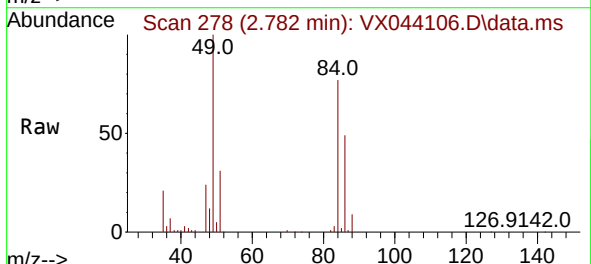
Instrument :  
MSVOA\_X  
ClientSampleId :

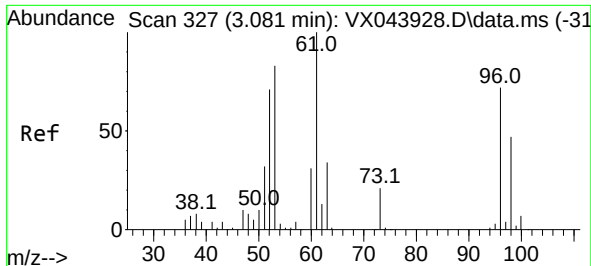
Tgt Ion: 73 Resp: 265617  
Ion Ratio Lower Upper  
73 100  
57 20.4 17.0 25.6



#20  
Methylene Chloride  
Concen: 50.071 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 84 Resp: 73542  
Ion Ratio Lower Upper  
84 100  
49 130.4 102.7 154.1  
51 39.9 31.7 47.5  
86 64.0 53.9 80.9

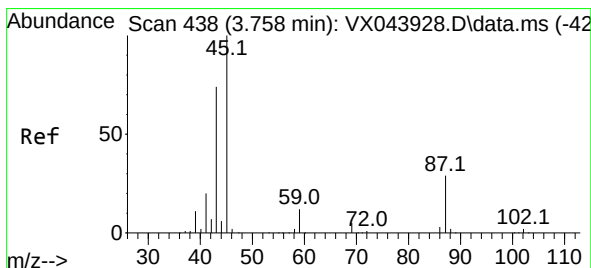
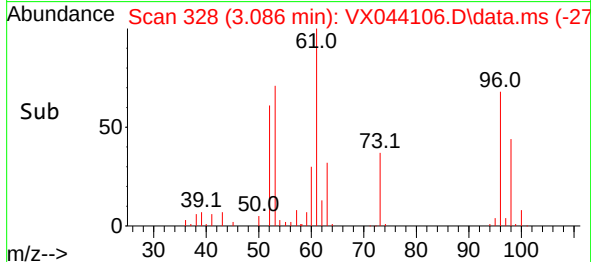
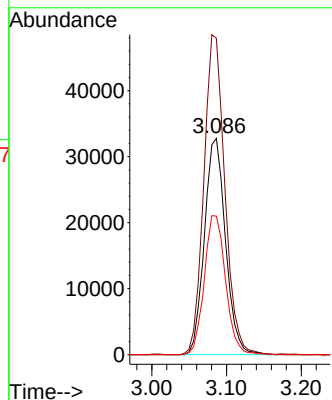
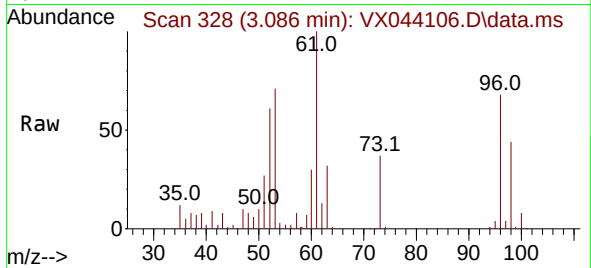




#21  
trans-1,2-Dichloroethene  
Concen: 49.192 ug/l  
RT: 3.086 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

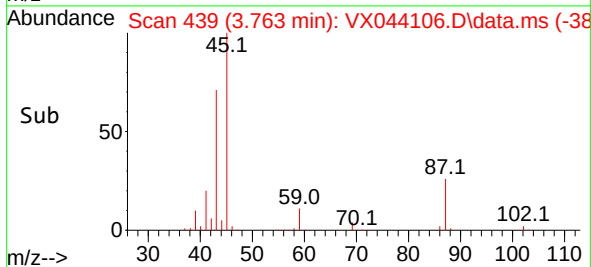
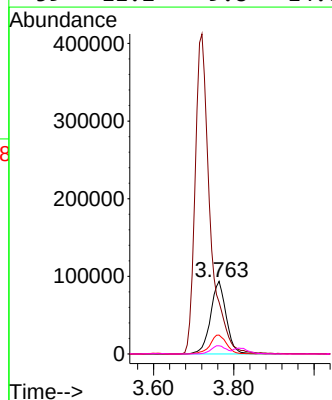
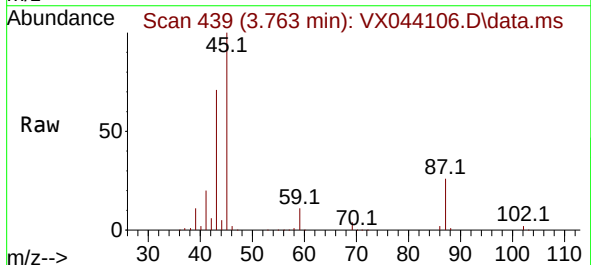
Instrument :  
MSVOA\_X  
ClientSampleId :

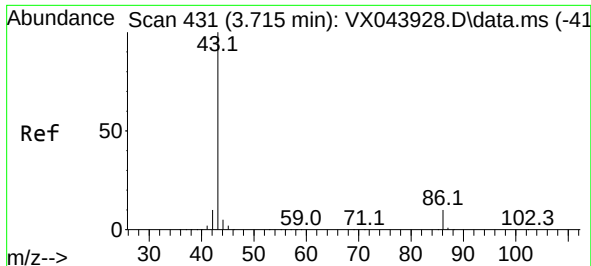
Tgt Ion: 96 Resp: 64297  
Ion Ratio Lower Upper  
96 100  
61 146.2 111.8 167.6  
98 64.0 52.7 79.1



#22  
Diisopropyl ether  
Concen: 57.404 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 45 Resp: 253922  
Ion Ratio Lower Upper  
45 100  
43 71.4 59.6 89.4  
87 26.1 22.9 34.3  
59 11.2 9.8 14.6

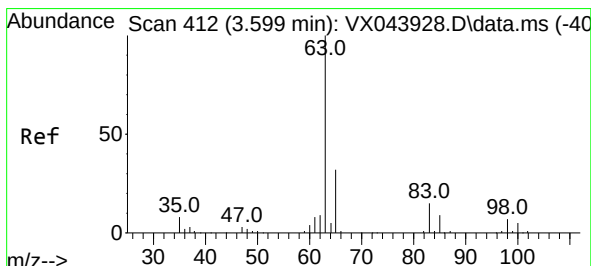
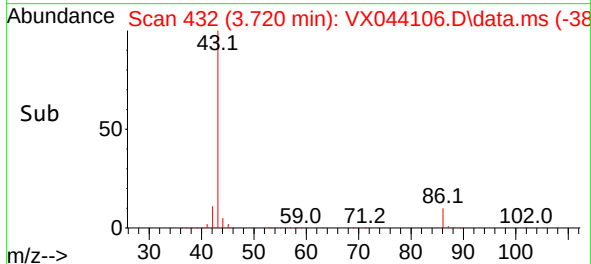
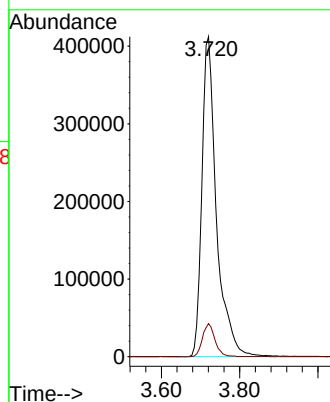
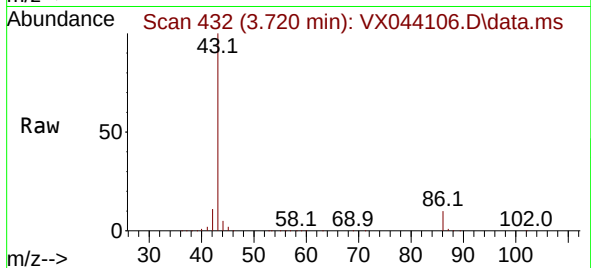




#23  
 Vinyl Acetate  
 Concen: 281.651 ug/l  
 RT: 3.720 min Scan# 413  
 Delta R.T. 0.006 min  
 Lab File: VX044106.D  
 Acq: 03 Dec 2024 20:41

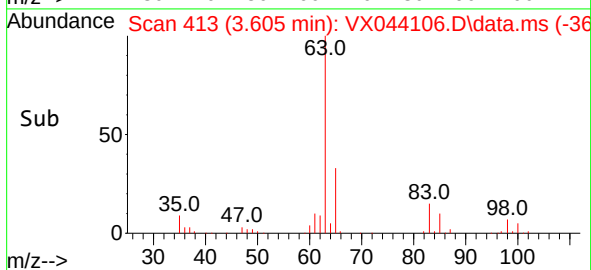
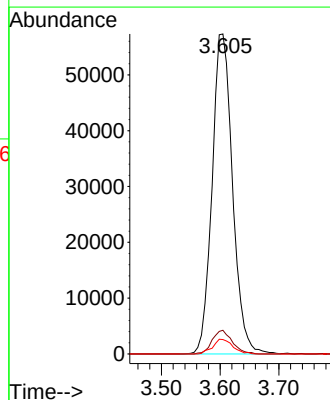
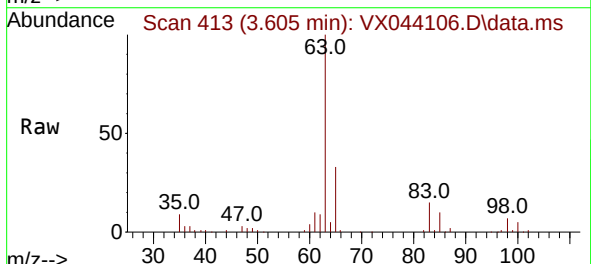
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 43 Resp: 1065753  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.3 12.5

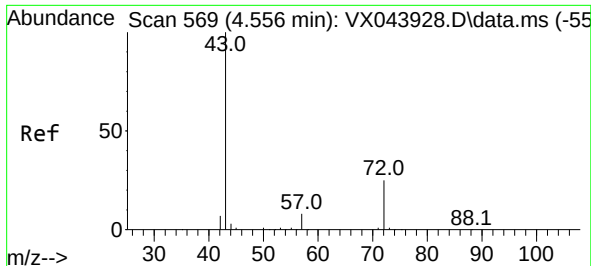


#24  
 1,1-Dichloroethane  
 Concen: 54.339 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.006 min  
 Lab File: VX044106.D  
 Acq: 03 Dec 2024 20:41

Tgt Ion: 63 Resp: 138664  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.6  
 100 4.5 2.4 7.1



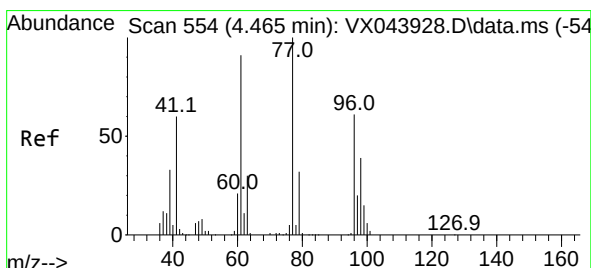
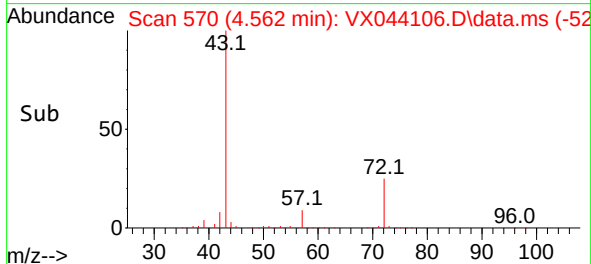
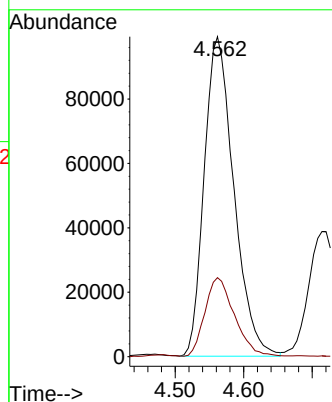
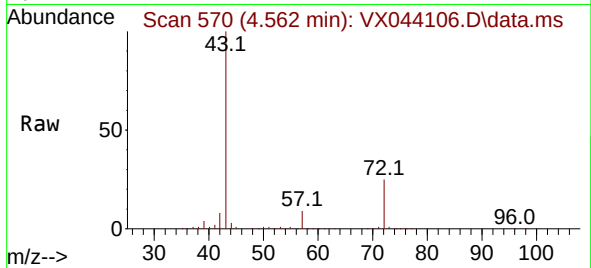




#25  
2-Butanone  
Concen: 266.844 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

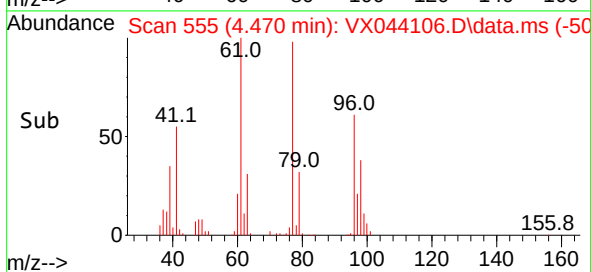
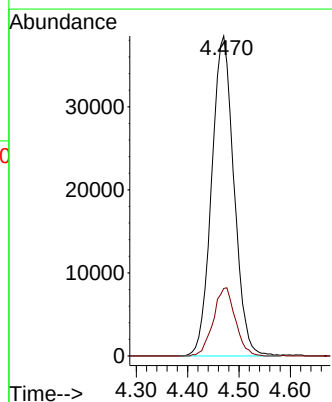
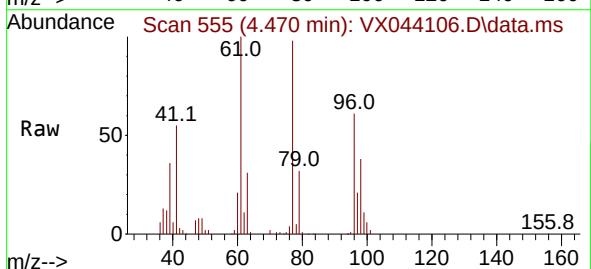
Instrument :  
MSVOA\_X  
ClientSampleId :

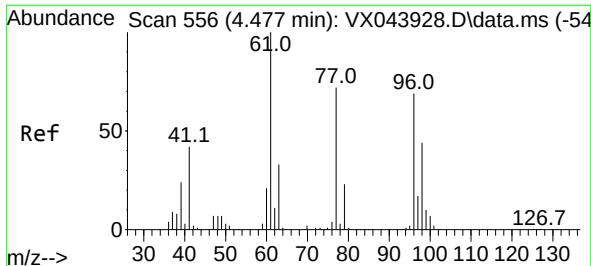
Tgt Ion: 43 Resp: 298003  
Ion Ratio Lower Upper  
43 100  
72 24.5 20.2 30.2



#26  
2,2-Dichloropropane  
Concen: 50.437 ug/l  
RT: 4.470 min Scan# 555  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 77 Resp: 116236  
Ion Ratio Lower Upper  
77 100  
97 21.1 10.8 32.3

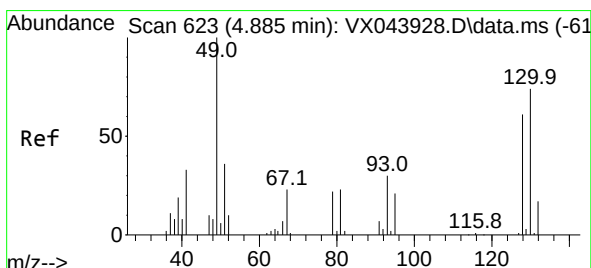
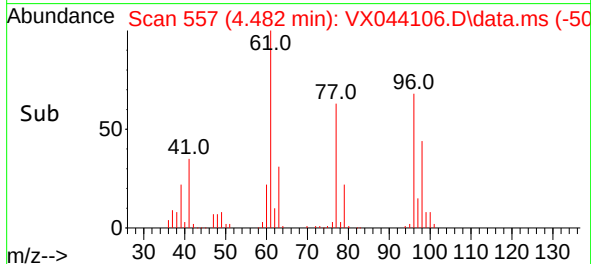
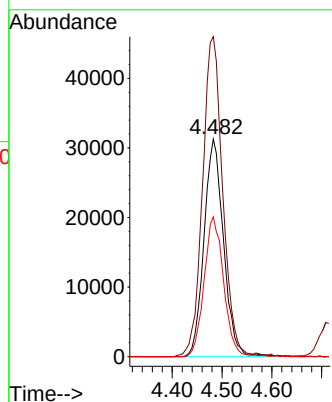
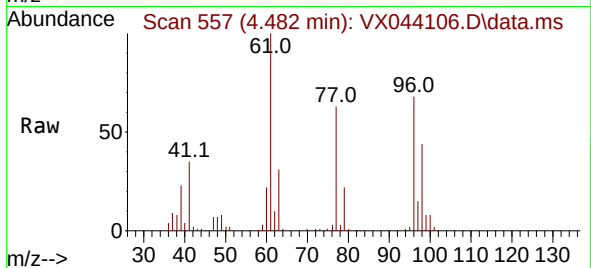




#27  
cis-1,2-Dichloroethene  
Concen: 52.539 ug/l  
RT: 4.482 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

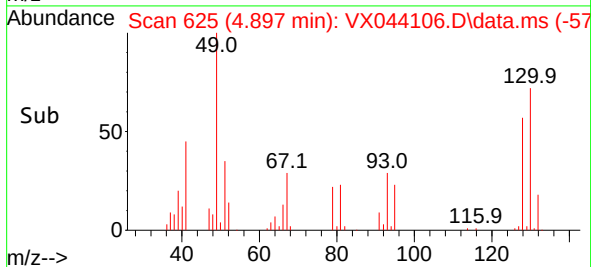
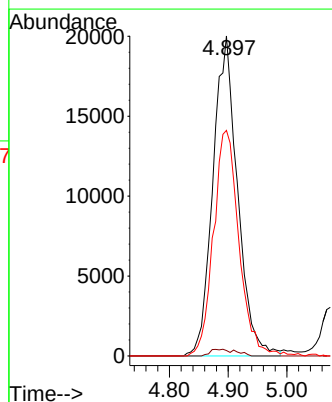
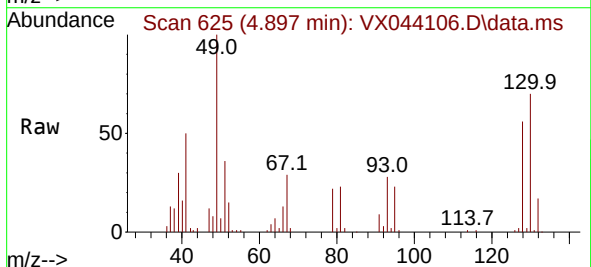
Instrument :  
MSVOA\_X  
ClientSampleId :

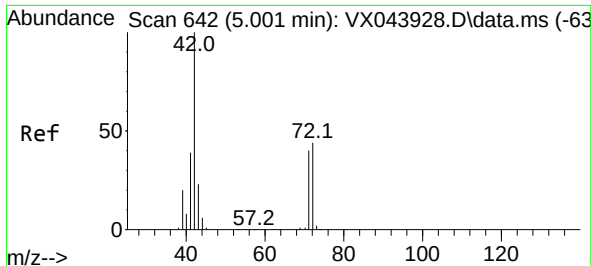
Tgt Ion: 96 Resp: 84885  
Ion Ratio Lower Upper  
96 100  
61 151.4 0.0 297.4  
98 64.2 0.0 127.8



#28  
Bromochloromethane  
Concen: 51.911 ug/l  
RT: 4.897 min Scan# 625  
Delta R.T. 0.012 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 49 Resp: 58309  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 4.0  
130 73.1 59.0 88.6





#29

Tetrahydrofuran

Concen: 273.261 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

ClientSampleId :

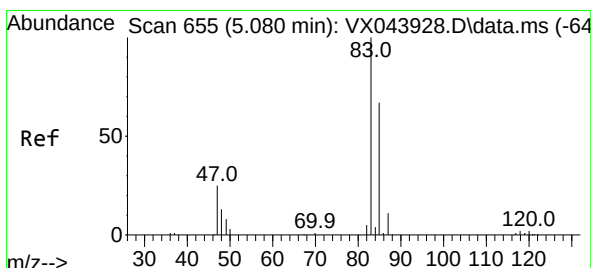
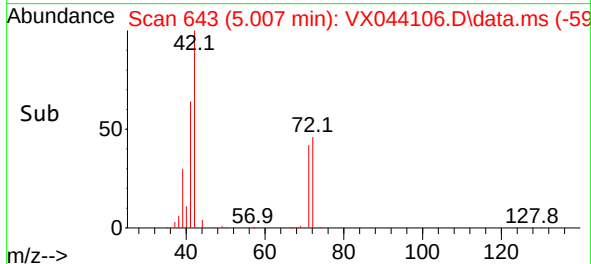
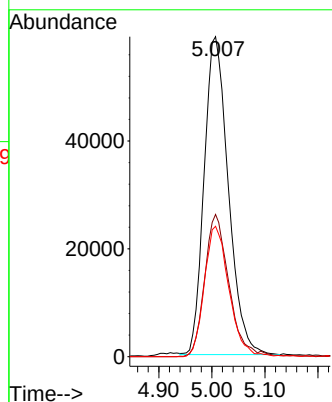
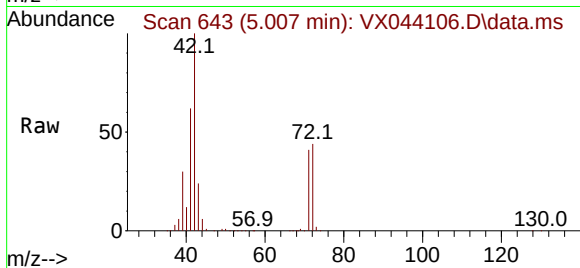
Tgt Ion: 42 Resp: 187088

Ion Ratio Lower Upper

42 100

72 44.9 36.4 54.6

71 41.6 33.4 50.0



#30

Chloroform

Concen: 55.897 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX044106.D

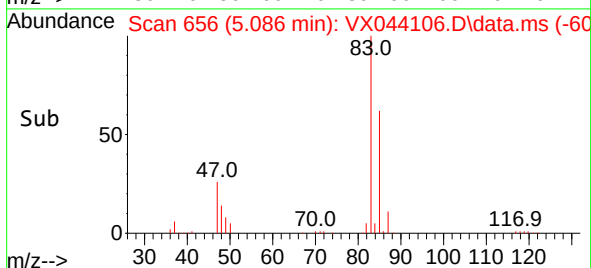
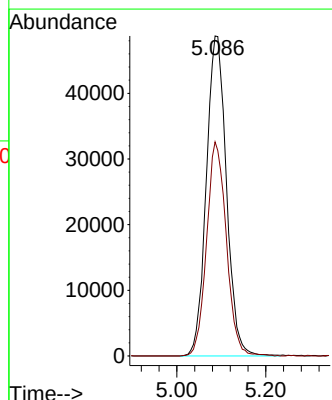
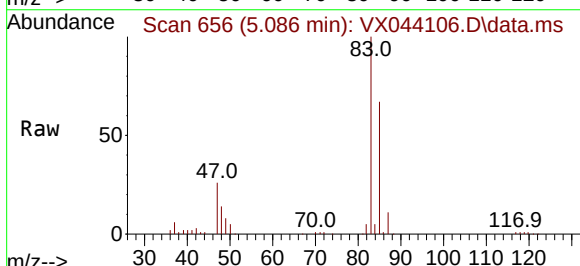
Acq: 03 Dec 2024 20:41

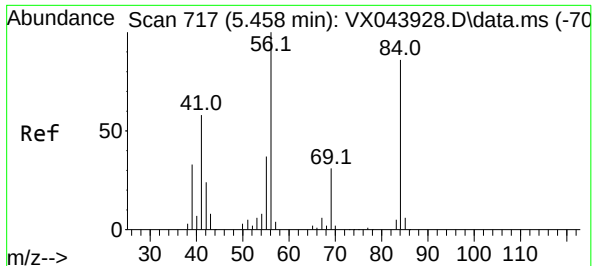
Tgt Ion: 83 Resp: 153414

Ion Ratio Lower Upper

83 100

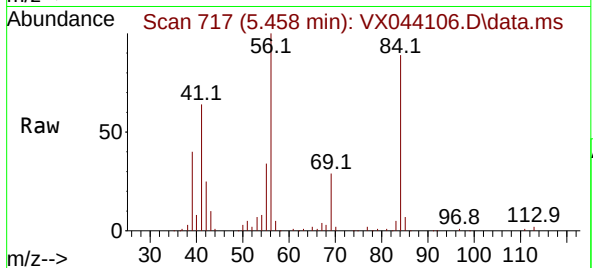
85 66.9 53.5 80.3



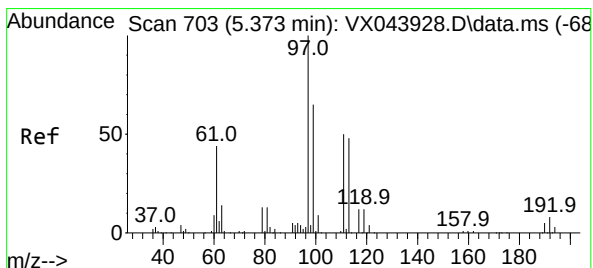
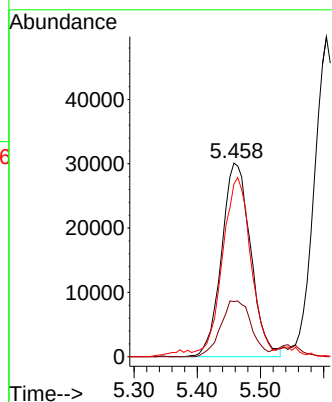
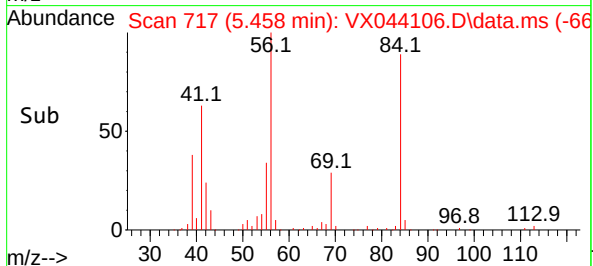


#31  
Cyclohexane  
Concen: 45.743 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

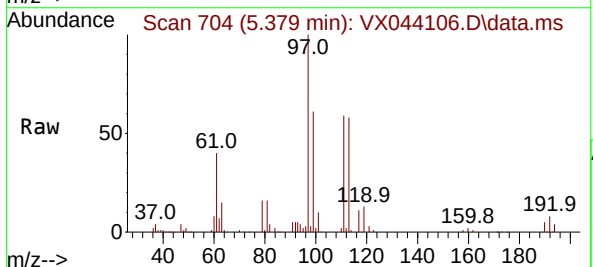
Instrument :  
MSVOA\_X  
ClientSampleId :



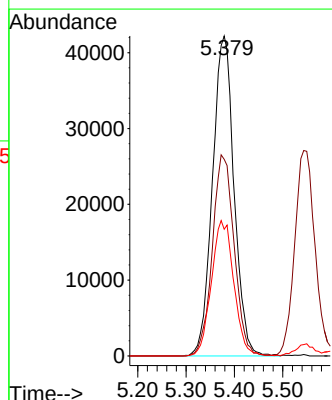
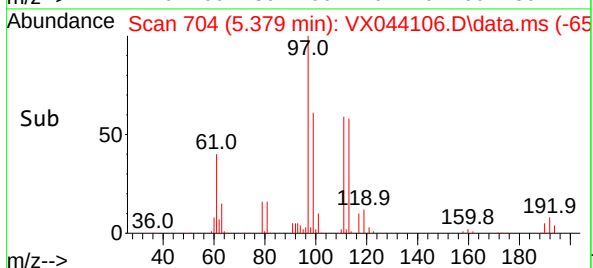
Tgt Ion: 56 Resp: 96071  
Ion Ratio Lower Upper  
56 100  
69 28.5 24.7 37.1  
84 85.8 68.7 103.1

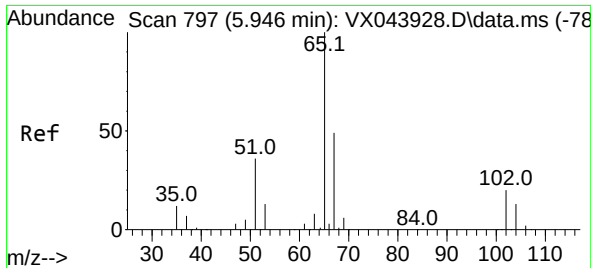


#32  
1,1,1-Trichloroethane  
Concen: 55.302 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41



Tgt Ion: 97 Resp: 130890  
Ion Ratio Lower Upper  
97 100  
99 63.5 50.8 76.2  
61 44.0 35.4 53.2

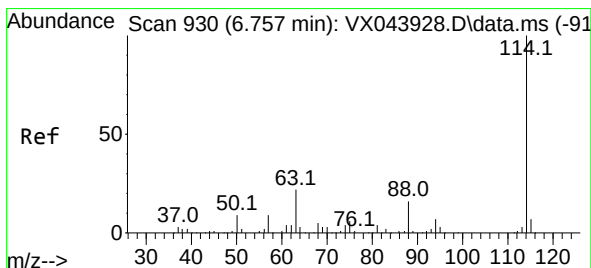
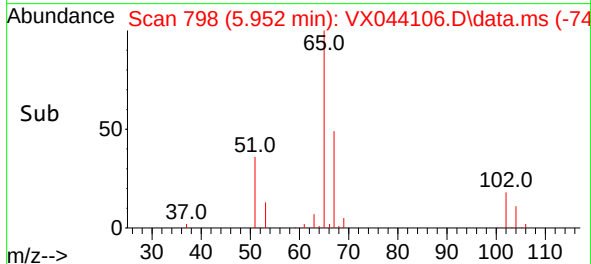
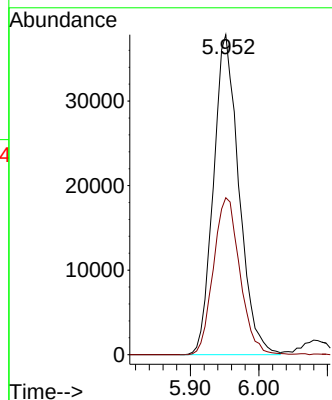
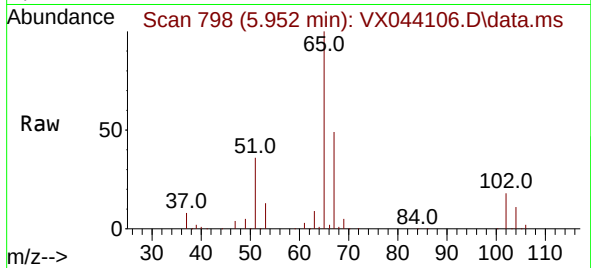




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.833 ug/l  
 RT: 5.952 min Scan# 797  
 Delta R.T. 0.006 min  
 Lab File: VX044106.D  
 Acq: 03 Dec 2024 20:41

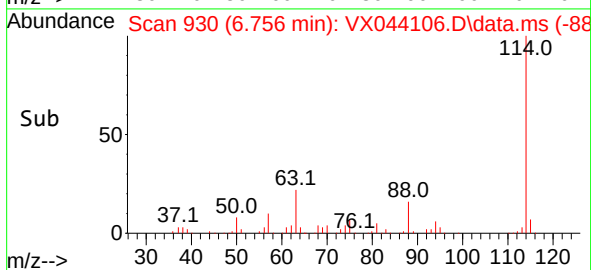
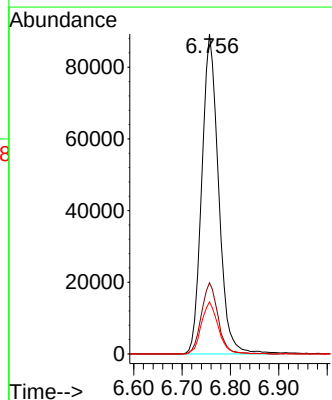
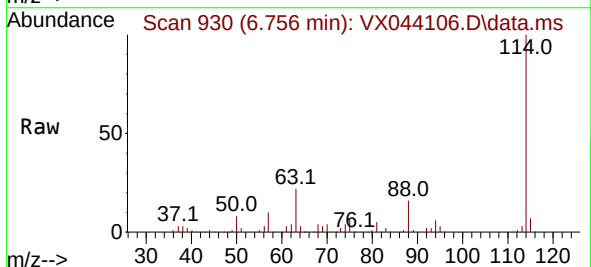
Instrument :  
 MSVOA\_X  
 ClientSampleId :

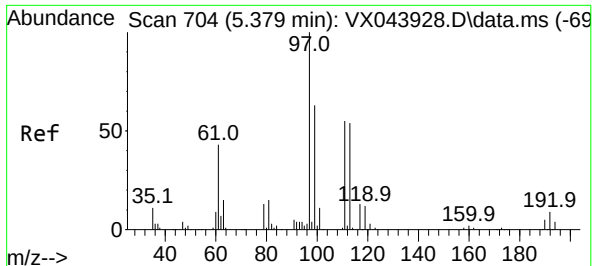
Tgt Ion: 65 Resp: 97676  
 Ion Ratio Lower Upper  
 65 100  
 67 50.9 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.756 min Scan# 930  
 Delta R.T. -0.001 min  
 Lab File: VX044106.D  
 Acq: 03 Dec 2024 20:41

Tgt Ion: 114 Resp: 214840  
 Ion Ratio Lower Upper  
 114 100  
 63 22.3 0.0 44.0  
 88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.669 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

ClientSampleId :

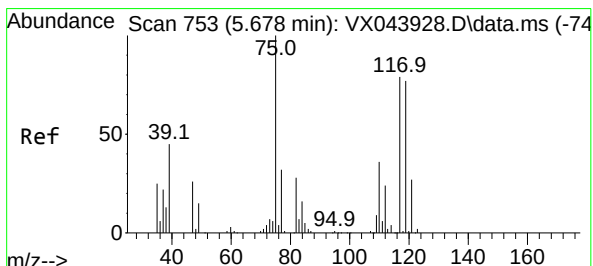
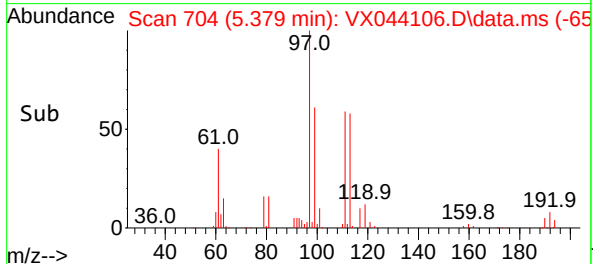
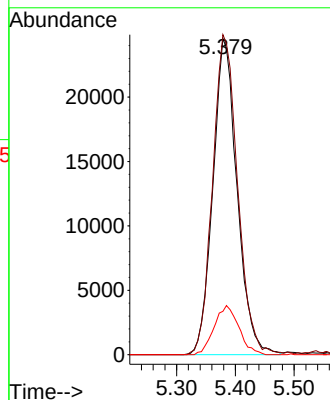
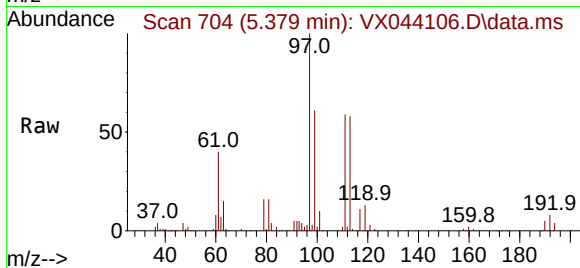
Tgt Ion:113 Resp: 70109

Ion Ratio Lower Upper

113 100

111 104.6 81.0 121.4

192 15.9 13.0 19.6



#36

1,1-Dichloropropene

Concen: 46.656 ug/l

RT: 5.683 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

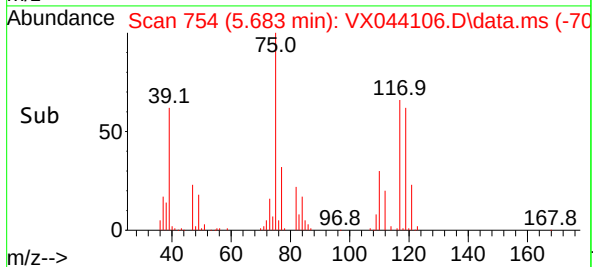
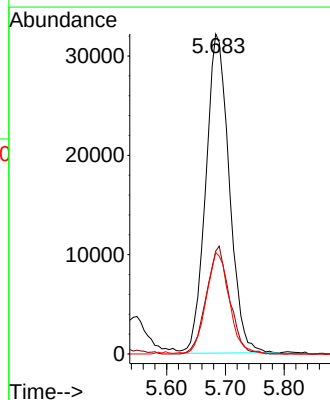
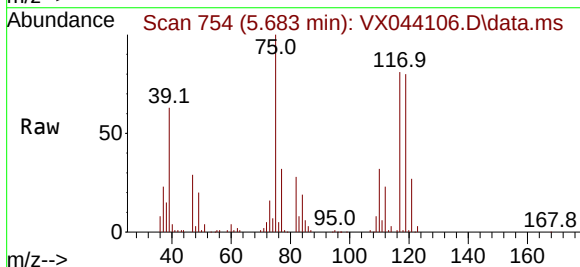
Tgt Ion: 75 Resp: 89251

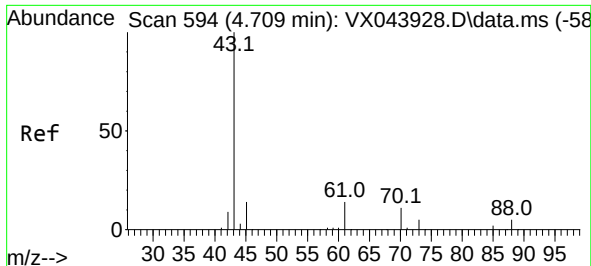
Ion Ratio Lower Upper

75 100

110 33.2 17.4 52.2

77 31.3 25.8 38.8





#37

Ethyl Acetate

Concen: 51.161 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

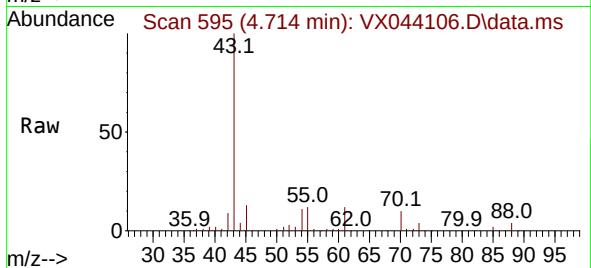
Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

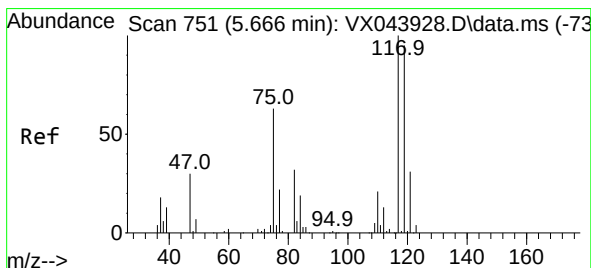
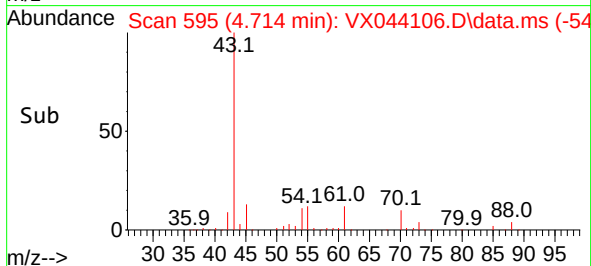
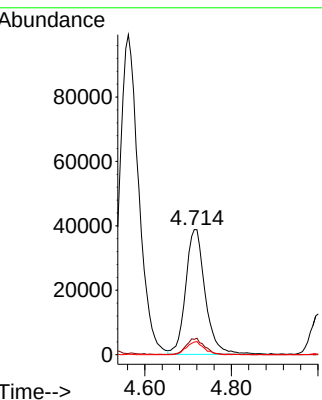
MSVOA\_X

ClientSampleId :



Tgt Ion: 43 Resp: 121488

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 11.7  | 10.7  | 16.1  |
| 70  | 9.4   | 8.0   | 12.0  |



#38

Carbon Tetrachloride

Concen: 46.947 ug/l

RT: 5.671 min Scan# 752

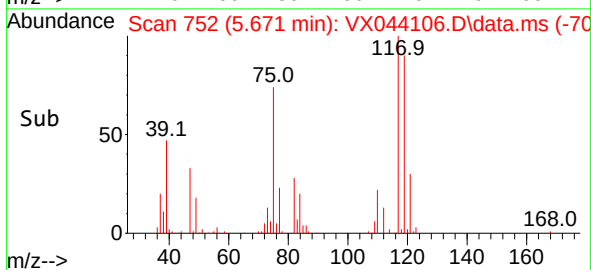
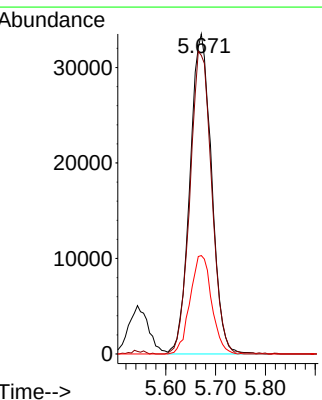
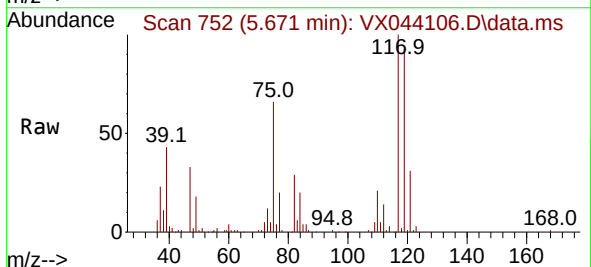
Delta R.T. 0.006 min

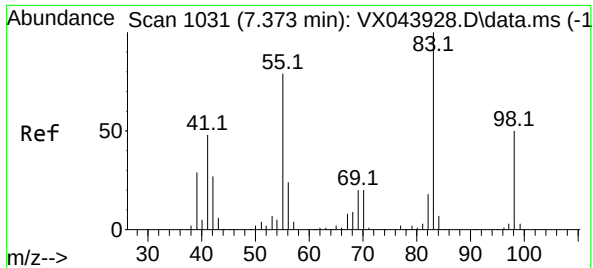
Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Tgt Ion: 117 Resp: 100912

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.3  | 75.2  | 112.8 |
| 121 | 30.8  | 24.5  | 36.7  |

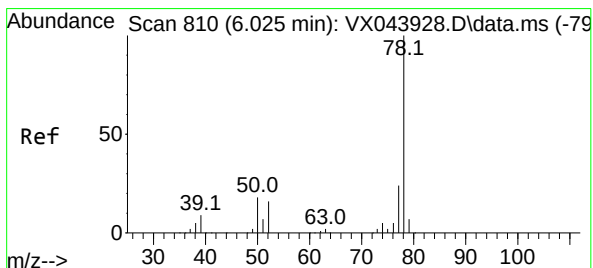
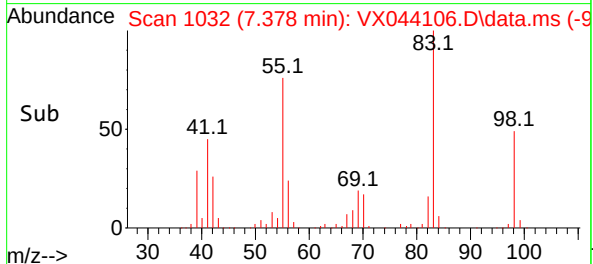
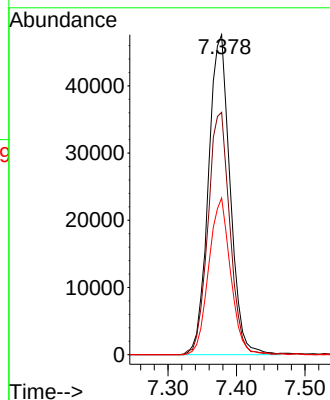
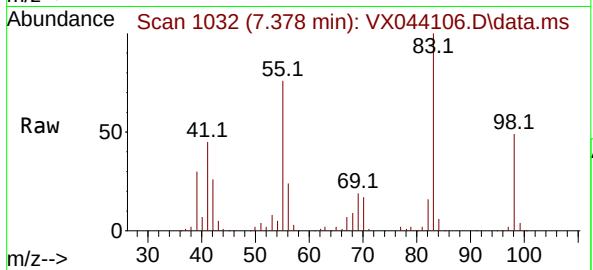




#39  
Methylcyclohexane  
Concen: 42.070 ug/l  
RT: 7.378 min Scan# 1031  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

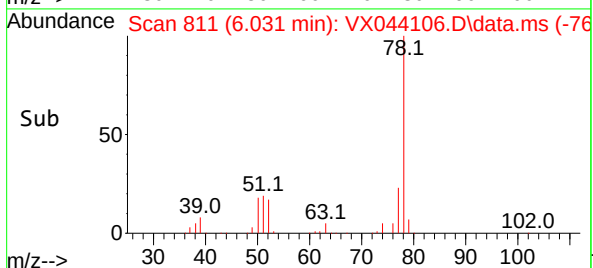
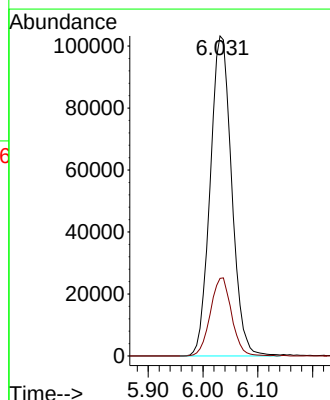
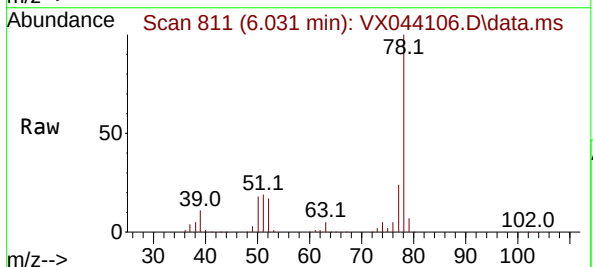
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 104551  
Ion Ratio Lower Upper  
83 100  
55 75.8 63.1 94.7  
98 48.9 40.0 60.0

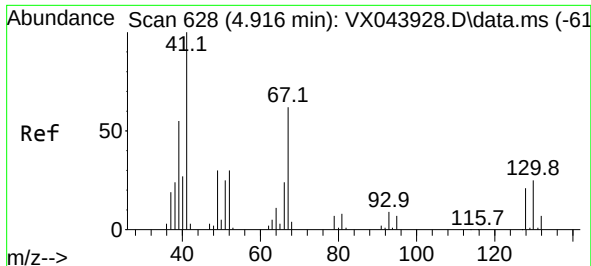


#40  
Benzene  
Concen: 47.137 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 78 Resp: 280881  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.2 28.8



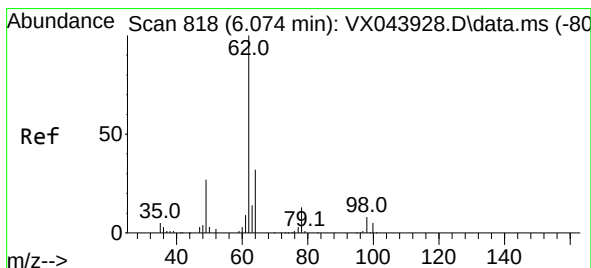
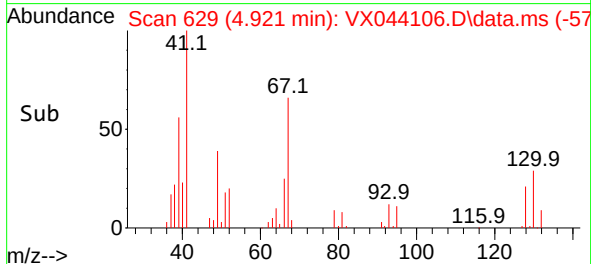
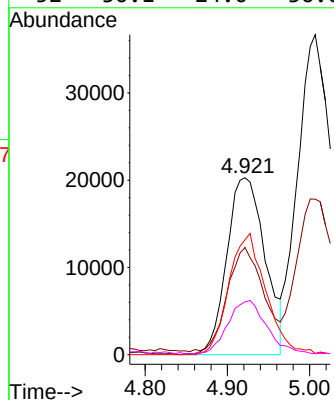
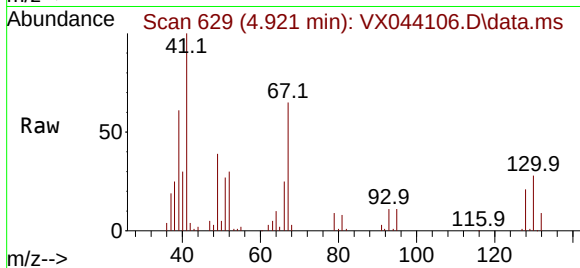




#41  
Methacrylonitrile  
Concen: 54.089 ug/l  
RT: 4.921 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

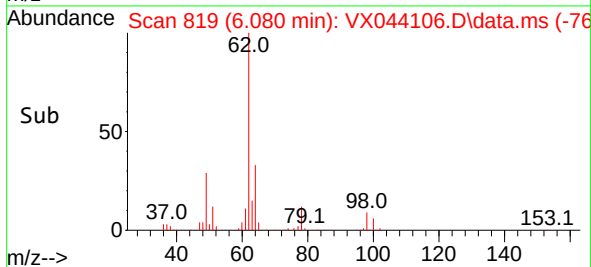
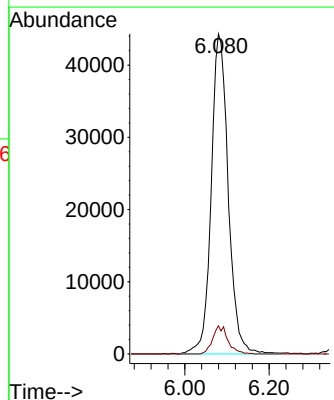
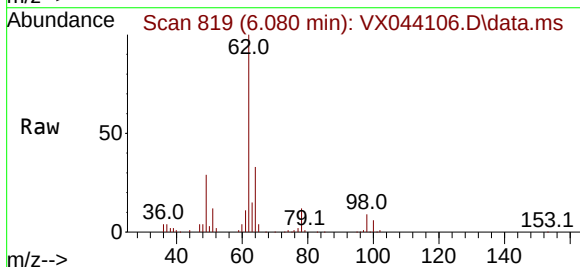
Instrument :  
MSVOA\_X  
ClientSampleId :

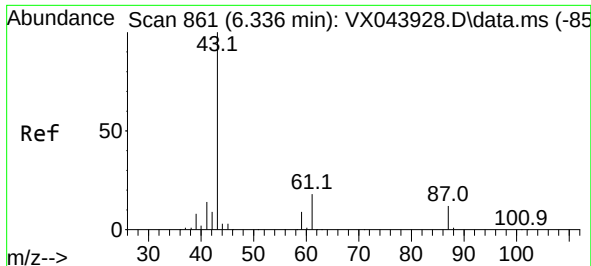
Tgt Ion: 41 Resp: 65738  
Ion Ratio Lower Upper  
41 100  
39 56.0 41.7 62.5  
67 66.4 55.8 83.8  
52 30.1 24.0 36.0



#42  
1,2-Dichloroethane  
Concen: 51.921 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 62 Resp: 124255  
Ion Ratio Lower Upper  
62 100  
98 7.8 0.0 16.4





#43

Isopropyl Acetate

Concen: 52.693 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

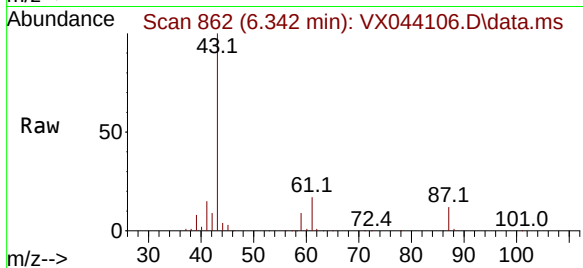
Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

ClientSampleId :



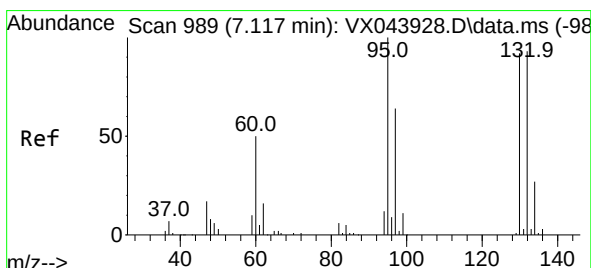
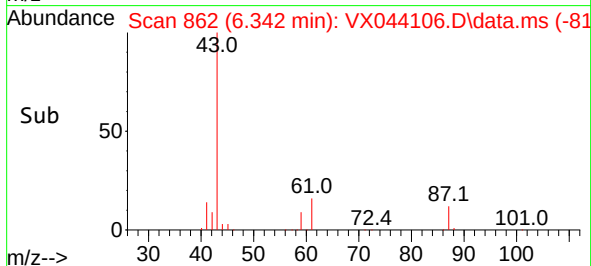
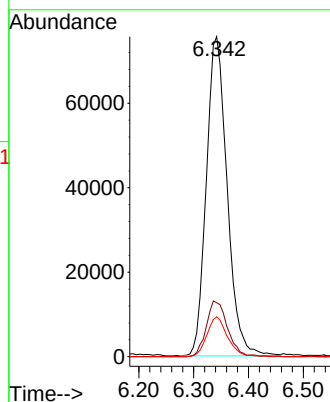
Tgt Ion: 43 Resp: 199132

Ion Ratio Lower Upper

43 100

61 17.8 14.5 21.7

87 12.3 10.2 15.2



#44

Trichloroethene

Concen: 41.544 ug/l

RT: 7.122 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX044106.D

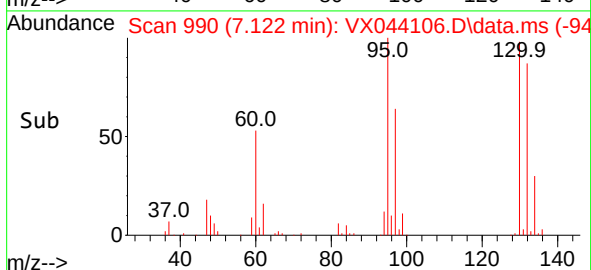
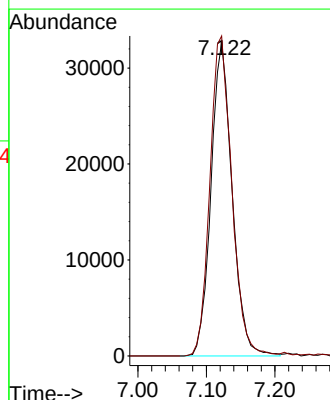
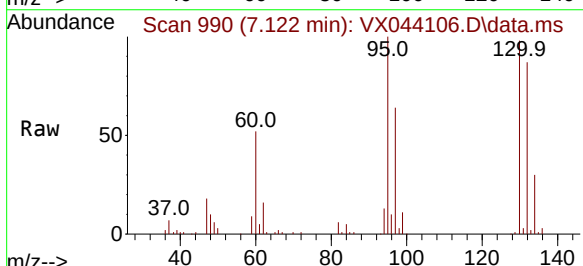
Acq: 03 Dec 2024 20:41

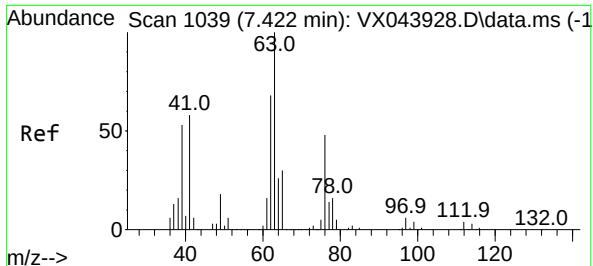
Tgt Ion:130 Resp: 70079

Ion Ratio Lower Upper

130 100

95 102.0 0.0 217.8





#45

1,2-Dichloropropane

Concen: 51.099 ug/l

RT: 7.427 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

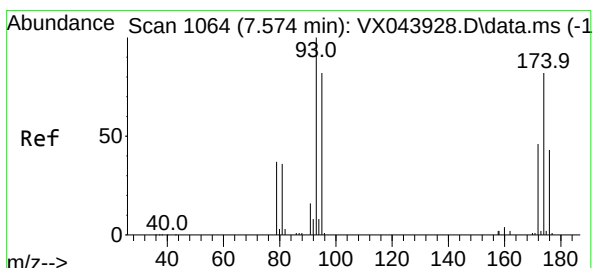
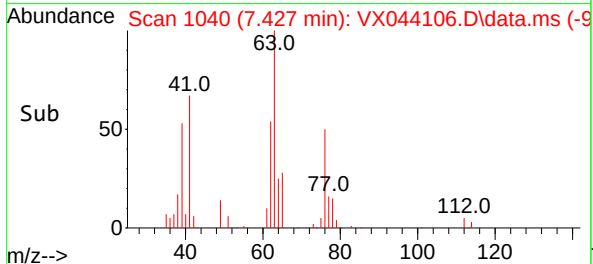
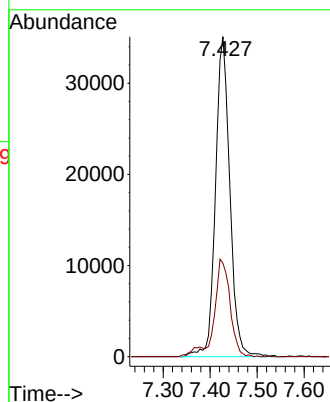
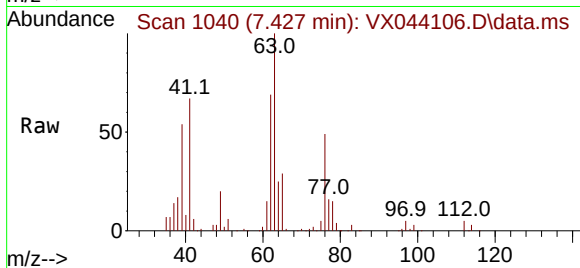
ClientSampleId :

Tgt Ion: 63 Resp: 74576

Ion Ratio Lower Upper

63 100

65 29.2 23.8 35.6



#46

Dibromomethane

Concen: 51.841 ug/l

RT: 7.579 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

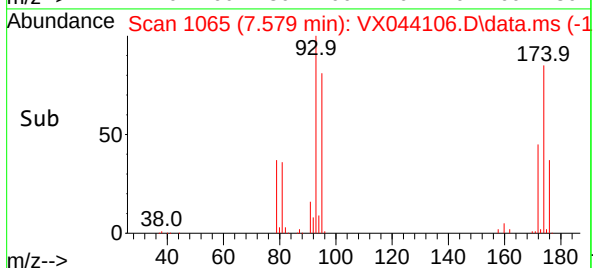
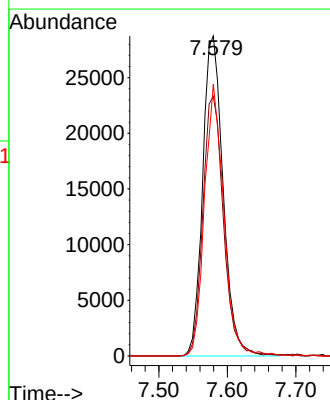
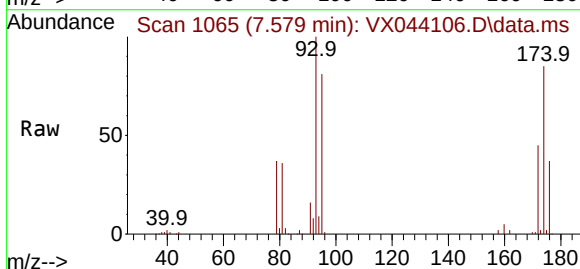
Tgt Ion: 93 Resp: 59849

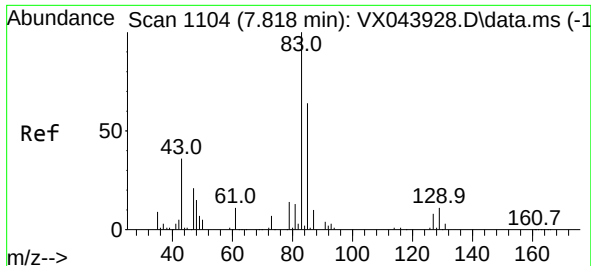
Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.4

174 80.1 69.6 104.4

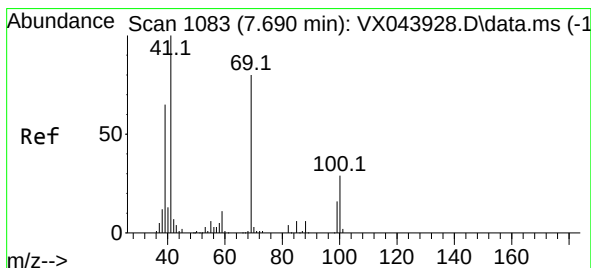
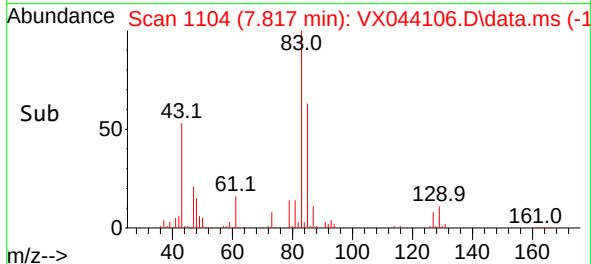
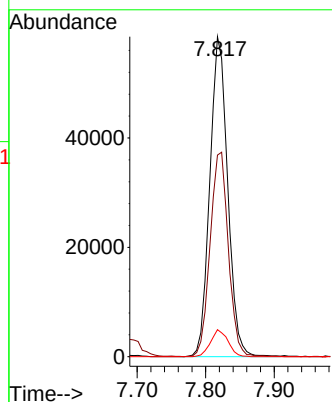
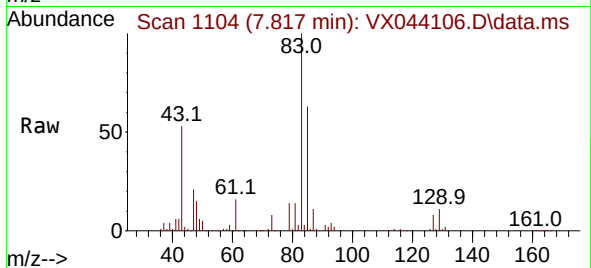




#47  
Bromodichloromethane  
Concen: 51.329 ug/l  
RT: 7.817 min Scan# 1104  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

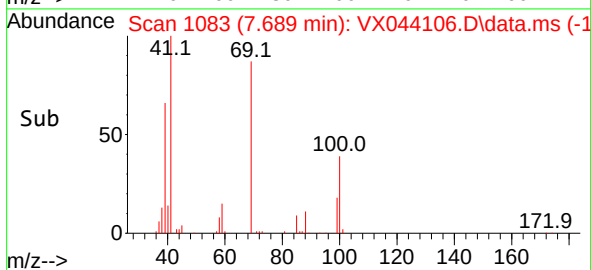
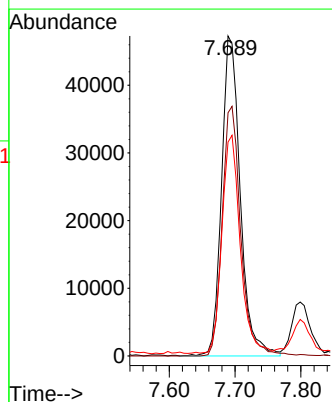
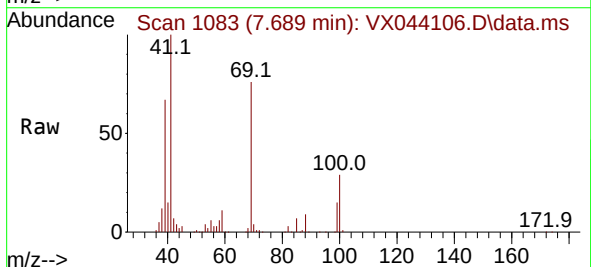
Instrument :  
MSVOA\_X  
ClientSampleId :

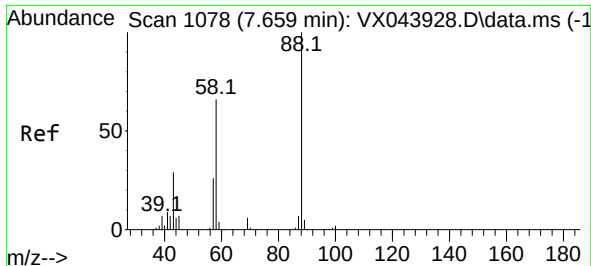
Tgt Ion: 83 Resp: 106279  
Ion Ratio Lower Upper  
83 100  
85 62.9 51.4 77.0  
127 8.4 6.6 10.0



#48  
Methyl methacrylate  
Concen: 51.646 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 41 Resp: 93652  
Ion Ratio Lower Upper  
41 100  
69 77.6 64.6 97.0  
39 66.6 53.3 79.9





#49

1,4-Dioxane

Concen: 1018.165 ug/l

RT: 7.665 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

ClientSampleId :

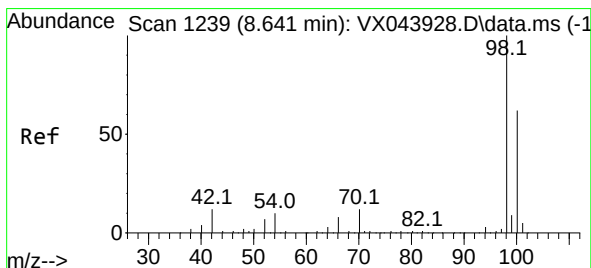
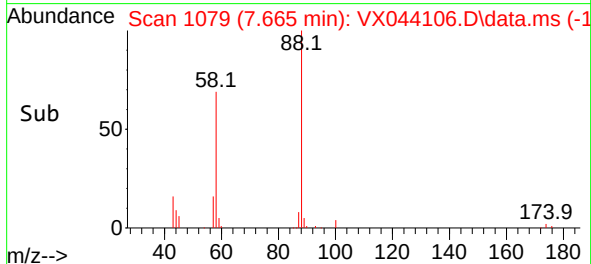
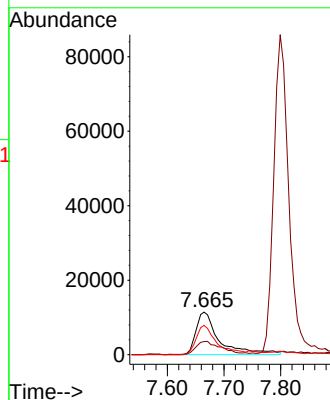
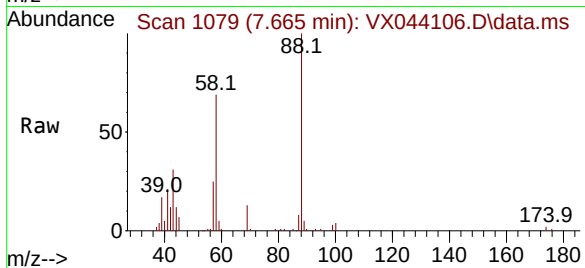
Tgt Ion: 88 Resp: 32888

Ion Ratio Lower Upper

88 100

43 35.8 26.8 40.2

58 60.2 45.4 68.2



#50

Toluene-d8

Concen: 44.701 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044106.D

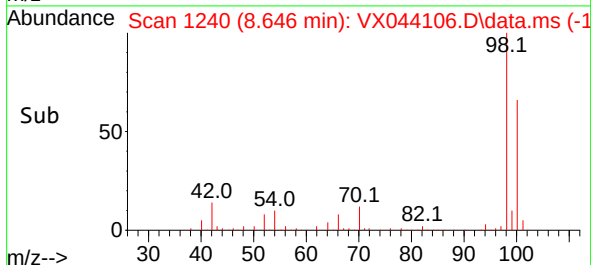
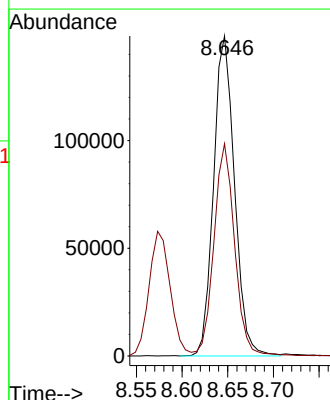
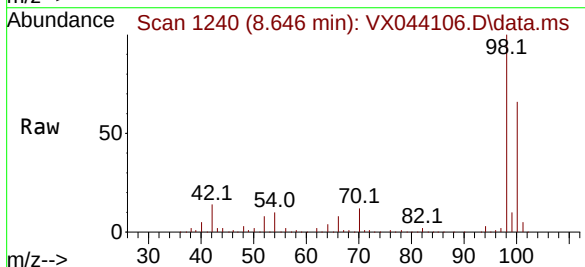
Acq: 03 Dec 2024 20:41

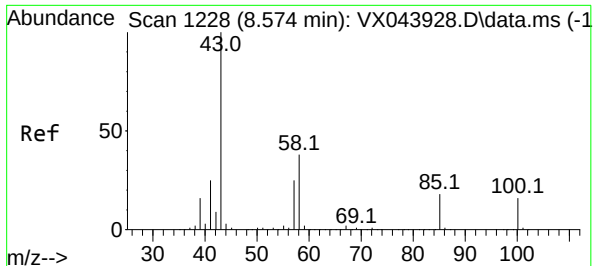
Tgt Ion: 98 Resp: 236548

Ion Ratio Lower Upper

98 100

100 65.2 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 272.168 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

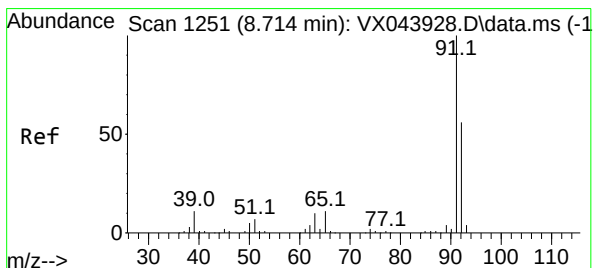
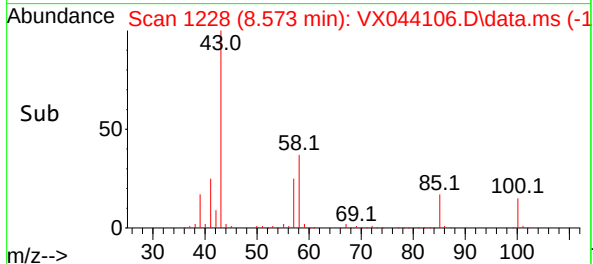
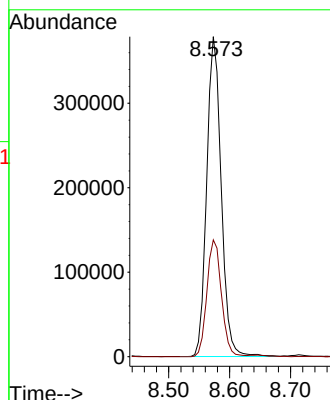
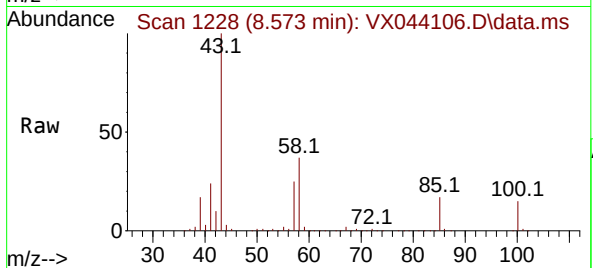
ClientSampleId :

Tgt Ion: 43 Resp: 627669

Ion Ratio Lower Upper

43 100

58 36.7 30.0 45.0



#52

Toluene

Concen: 48.588 ug/l

RT: 8.713 min Scan# 1251

Delta R.T. -0.001 min

Lab File: VX044106.D

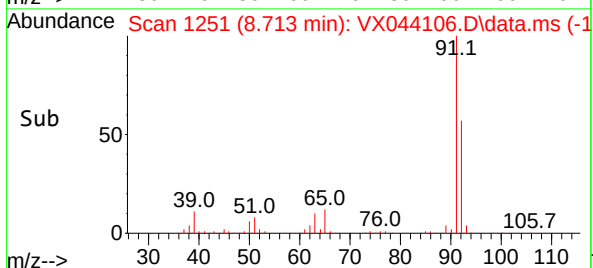
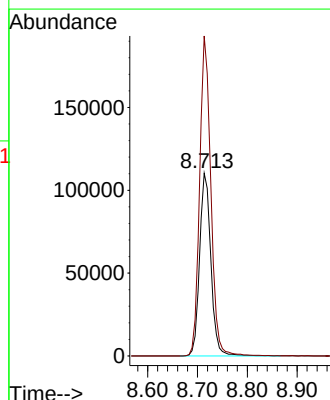
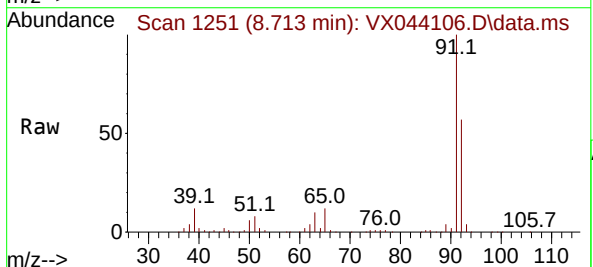
Acq: 03 Dec 2024 20:41

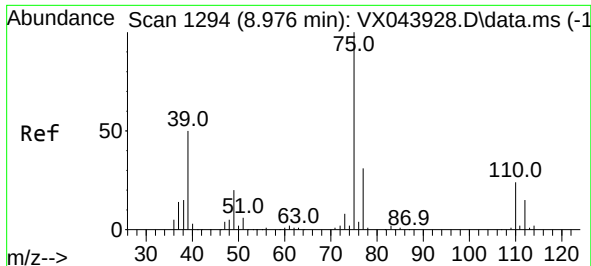
Tgt Ion: 92 Resp: 173289

Ion Ratio Lower Upper

92 100

91 174.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 52.846 ug/l

RT: 8.976 min Scan# 1115

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

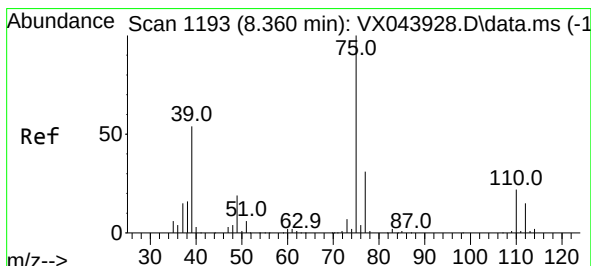
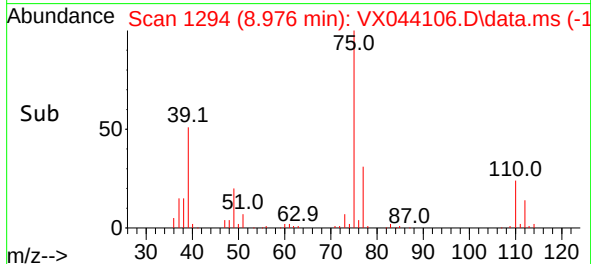
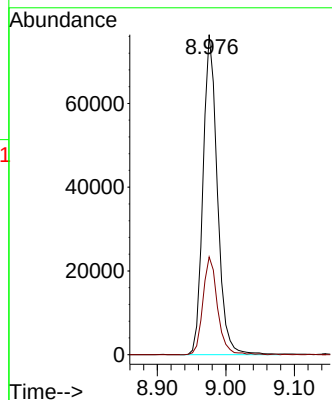
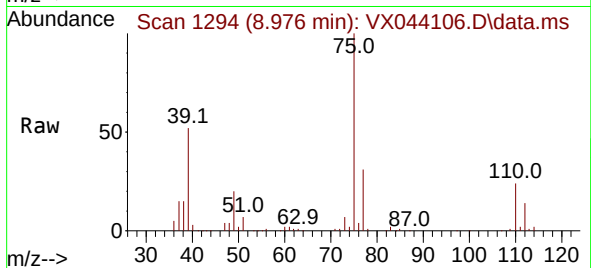
ClientSampleId :

Tgt Ion: 75 Resp: 111582

Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.466 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

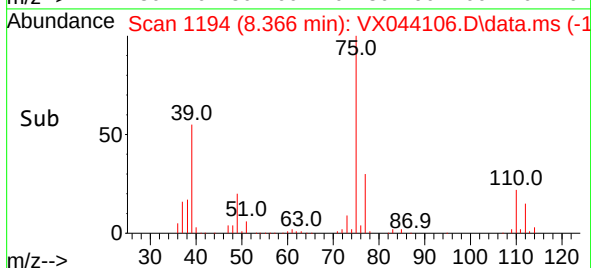
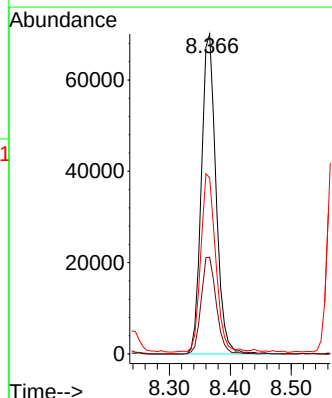
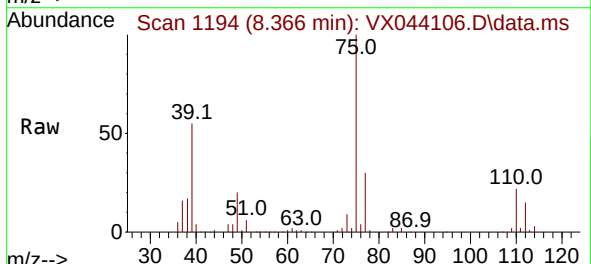
Tgt Ion: 75 Resp: 116812

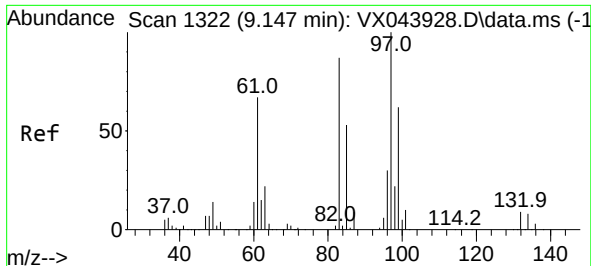
Ion Ratio Lower Upper

75 100

77 30.2 25.2 37.8

39 54.3 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 51.003 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 75088

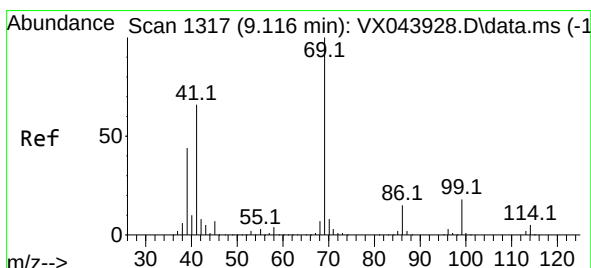
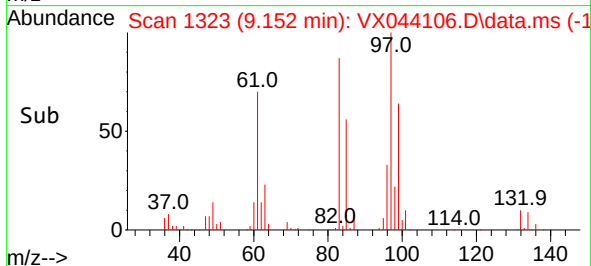
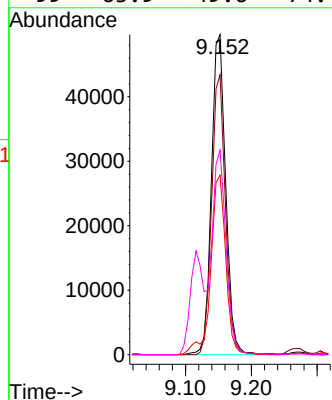
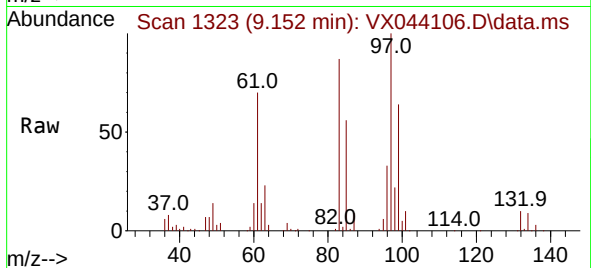
Ion Ratio Lower Upper

97 100

83 87.5 69.4 104.0

85 56.0 42.3 63.5

99 63.9 49.6 74.4



#56

Ethyl methacrylate

Concen: 54.699 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

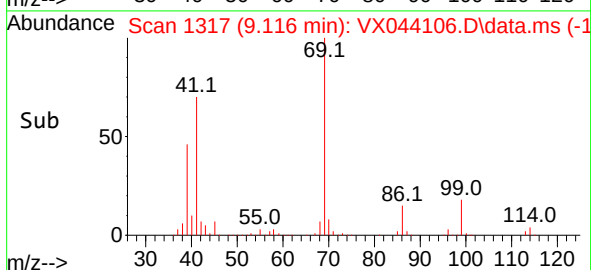
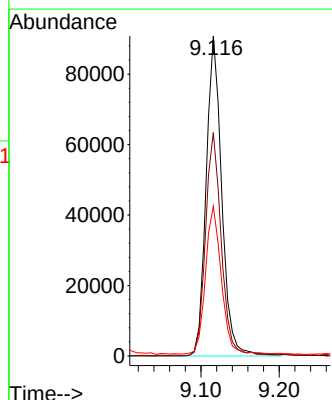
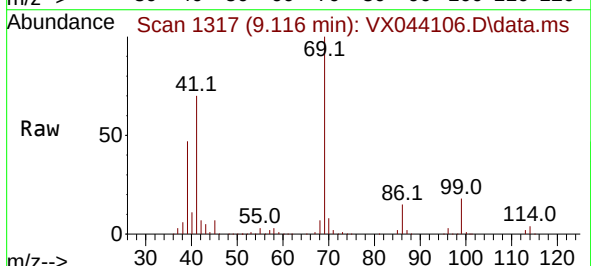
Tgt Ion: 69 Resp: 125432

Ion Ratio Lower Upper

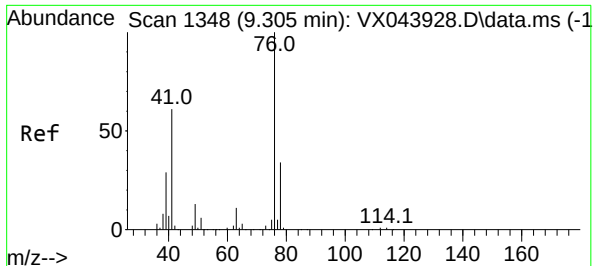
69 100

41 70.2 55.8 83.8

39 47.8 36.7 55.1







#57

1,3-Dichloropropane

Concen: 51.750 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

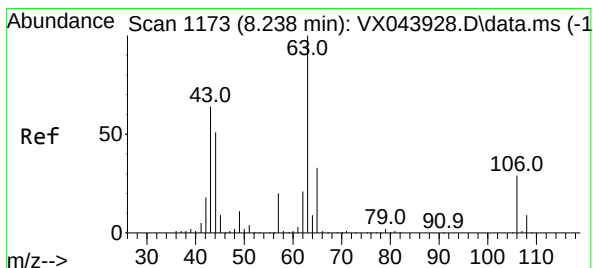
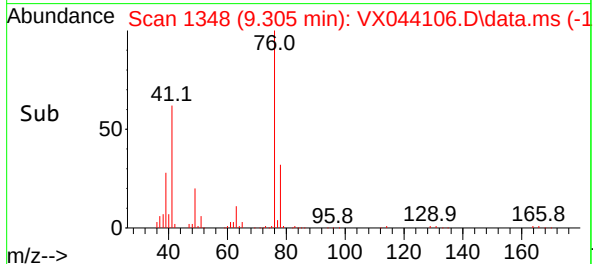
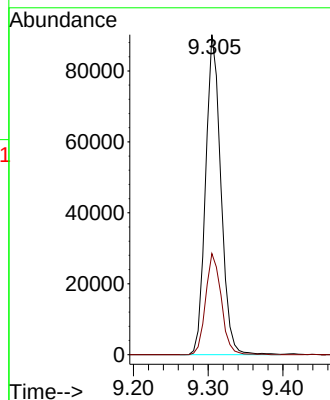
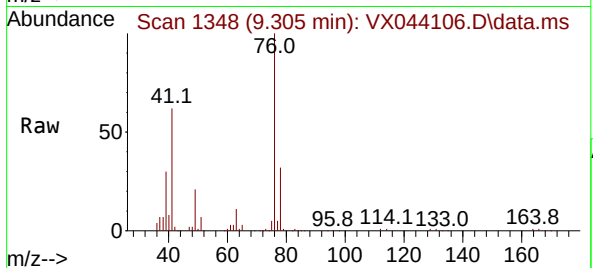
ClientSampleId :

Tgt Ion: 76 Resp: 128343

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 249.660 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.001 min

Lab File: VX044106.D

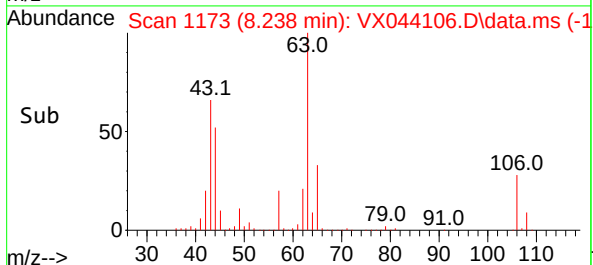
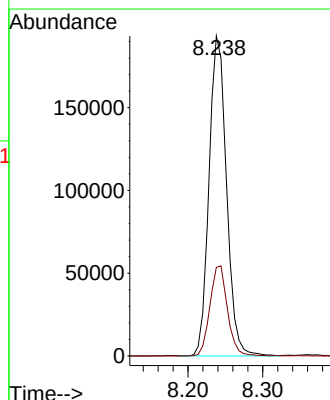
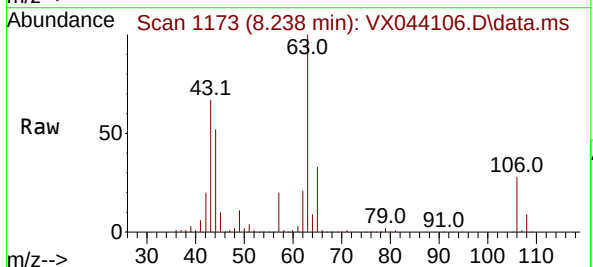
Acq: 03 Dec 2024 20:41

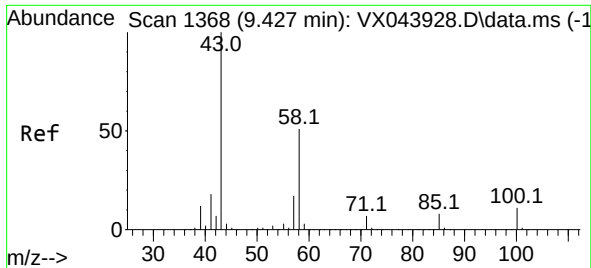
Tgt Ion: 63 Resp: 313791

Ion Ratio Lower Upper

63 100

106 28.3 23.0 34.6

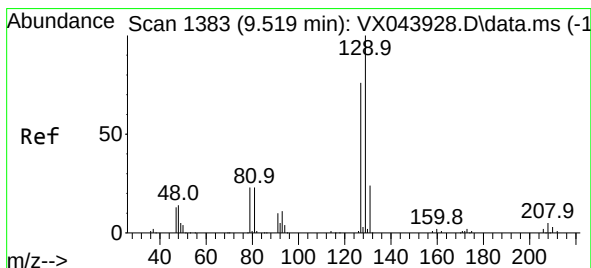
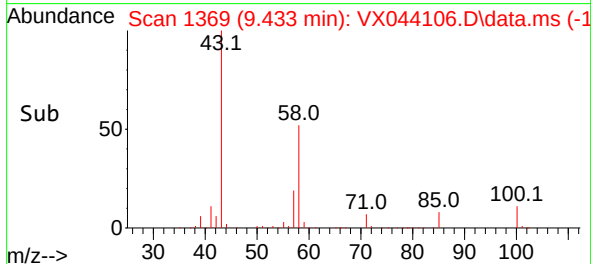
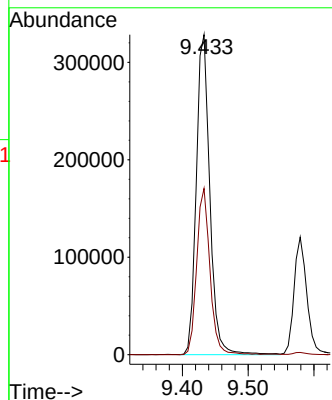
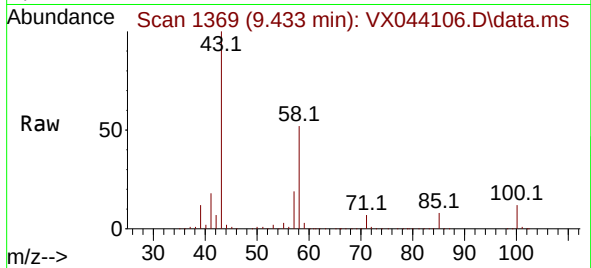




#59  
2-Hexanone  
Concen: 270.449 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

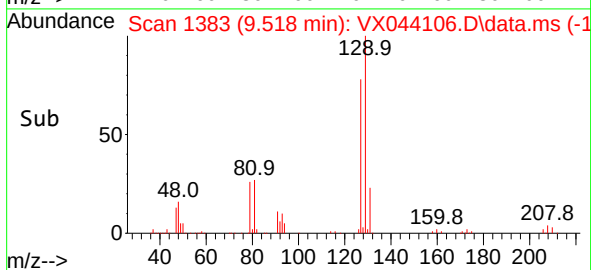
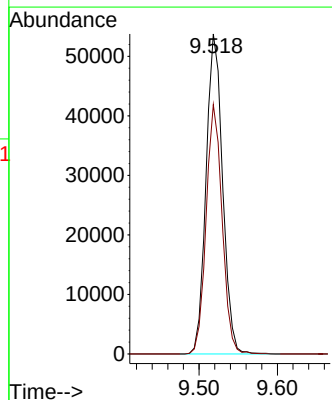
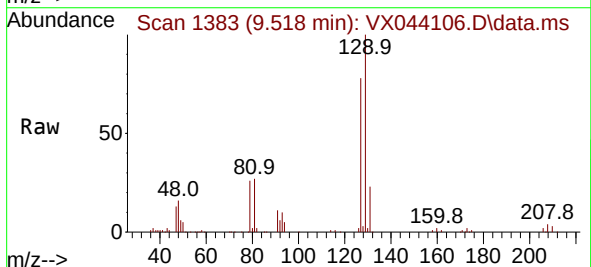
Instrument :  
MSVOA\_X  
ClientSampleId :

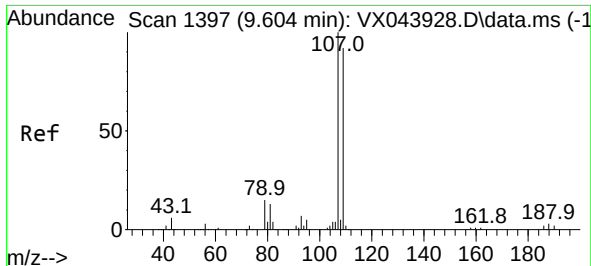
Tgt Ion: 43 Resp: 468792  
Ion Ratio Lower Upper  
43 100  
58 51.1 25.9 77.6



#60  
Dibromochloromethane  
Concen: 53.296 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 129 Resp: 78726  
Ion Ratio Lower Upper  
129 100  
127 75.3 38.2 114.6

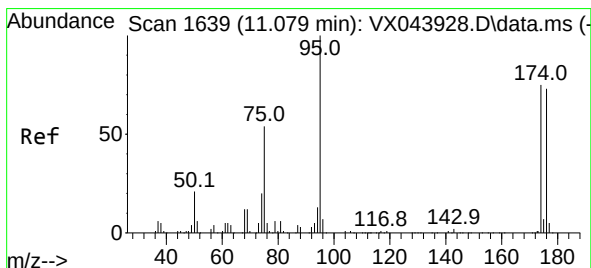
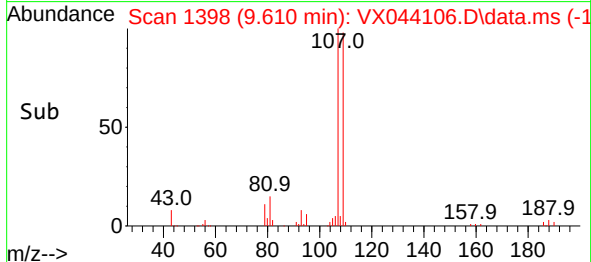
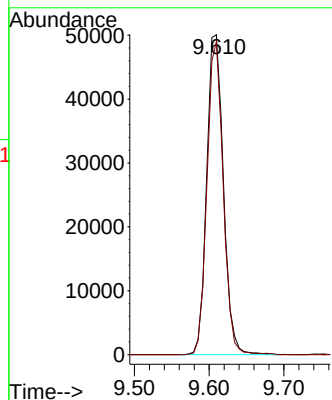
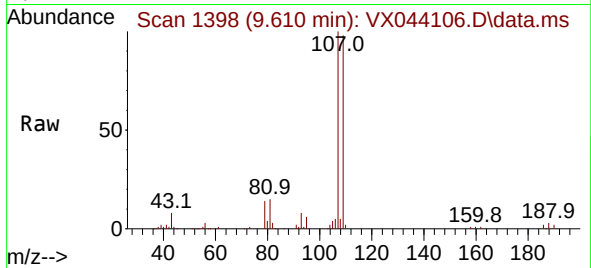




#61  
1,2-Dibromoethane  
Concen: 52.332 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

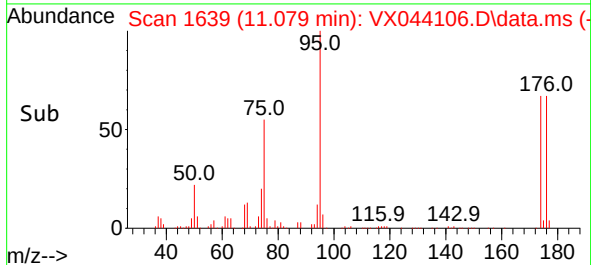
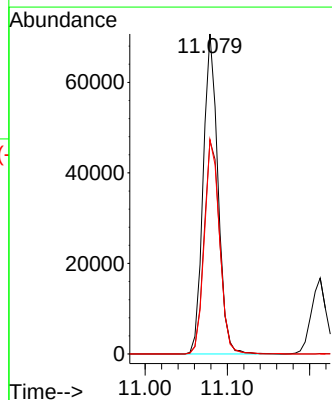
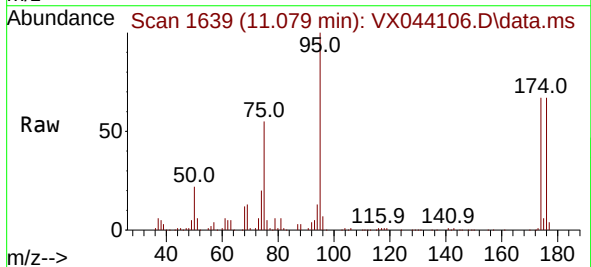
Instrument :  
MSVOA\_X  
ClientSampleId :

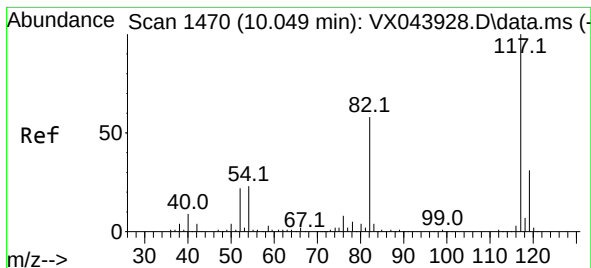
Tgt Ion:107 Resp: 77904  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 48.826 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 95 Resp: 87932  
Ion Ratio Lower Upper  
95 100  
174 70.5 0.0 150.4  
176 68.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

ClientSampleId :

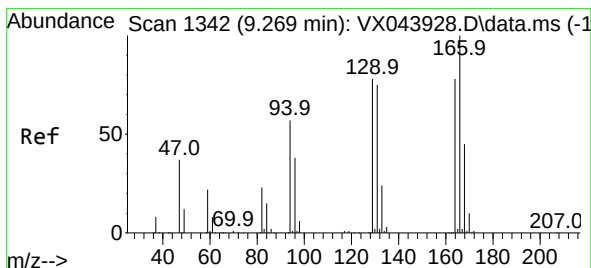
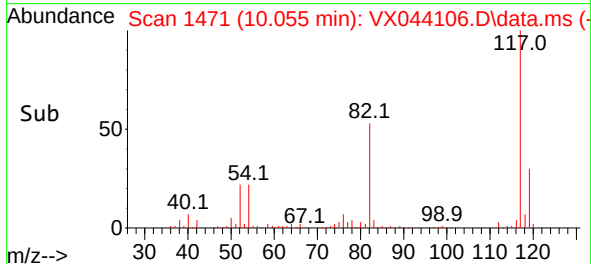
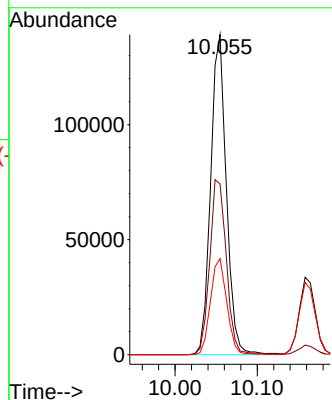
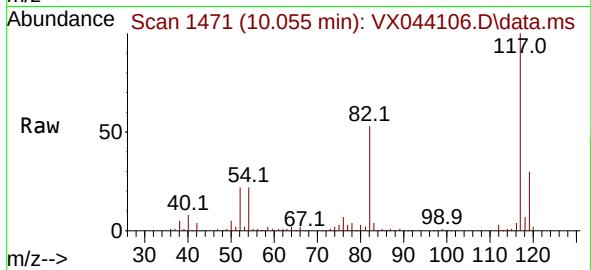
Tgt Ion:117 Resp: 184490

Ion Ratio Lower Upper

117 100

82 53.4 46.4 69.6

119 30.0 24.6 37.0



#64

Tetrachloroethene

Concen: 46.862 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Tgt Ion:164 Resp: 57008

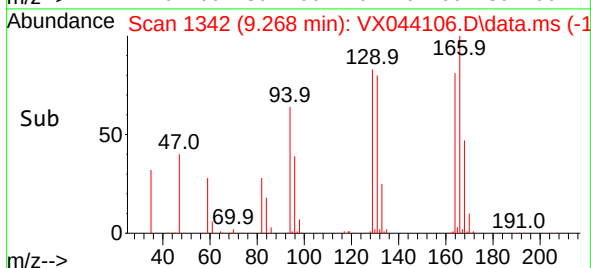
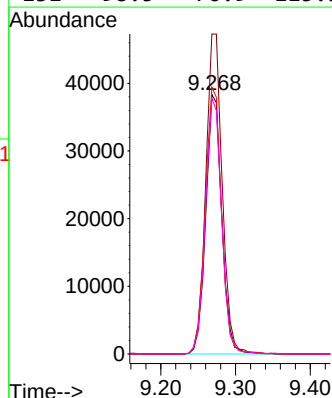
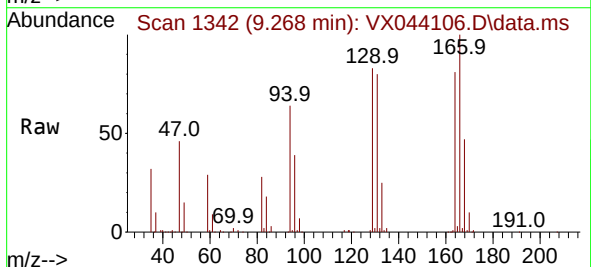
Ion Ratio Lower Upper

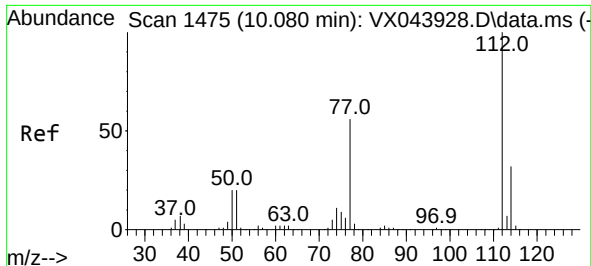
164 100

166 123.4 102.1 153.1

129 102.8 79.6 119.4

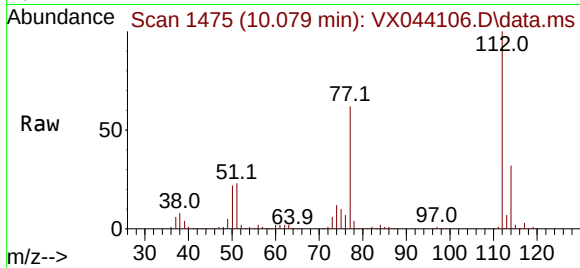
131 98.5 76.9 115.3



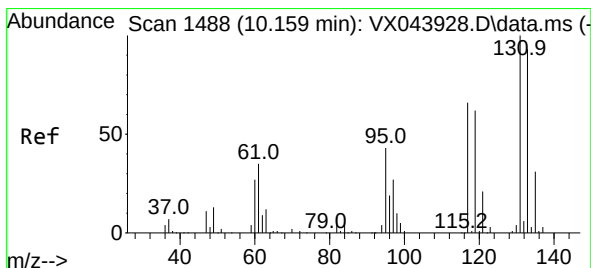
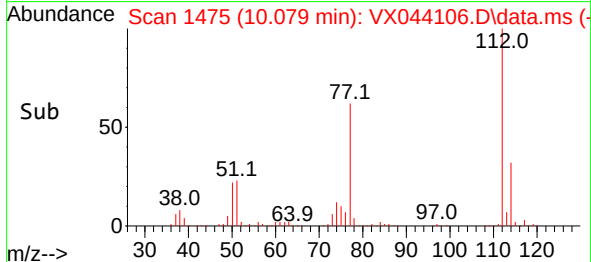
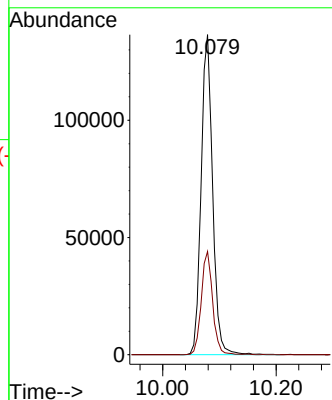


#65  
Chlorobenzene  
Concen: 47.326 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Instrument :  
MSVOA\_X  
ClientSampleId :

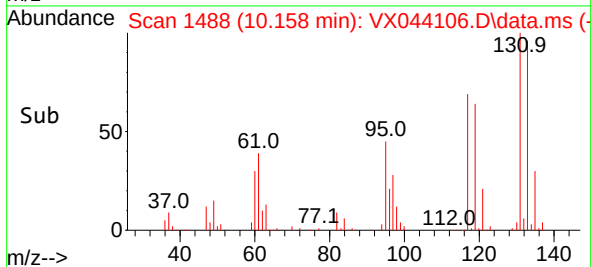
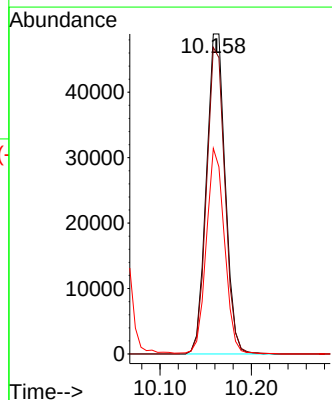
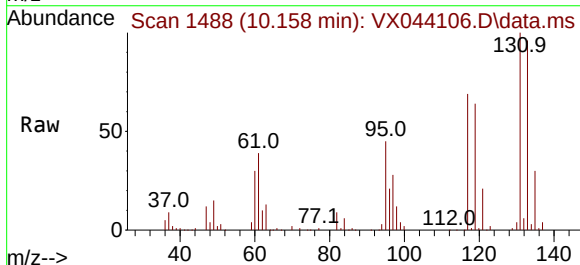


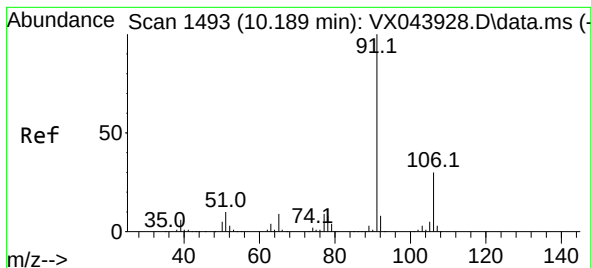
Tgt Ion:112 Resp: 191763  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.110 ug/l  
RT: 10.158 min Scan# 1488  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion:131 Resp: 69792  
Ion Ratio Lower Upper  
131 100  
133 93.9 48.2 144.6  
119 62.1 31.5 94.5





#67

Ethyl Benzene

Concen: 50.107 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

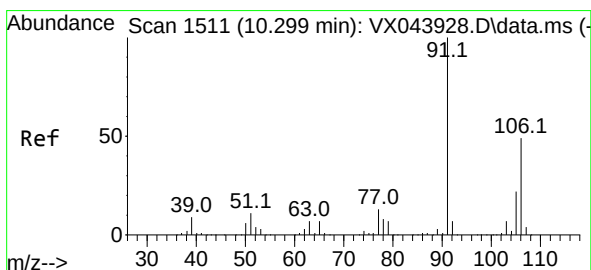
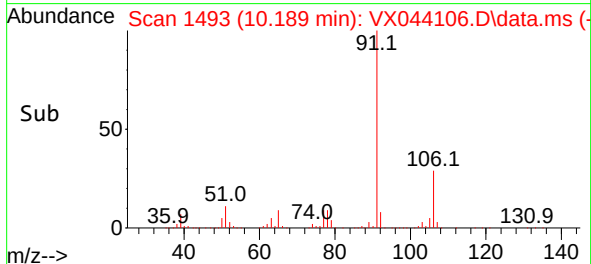
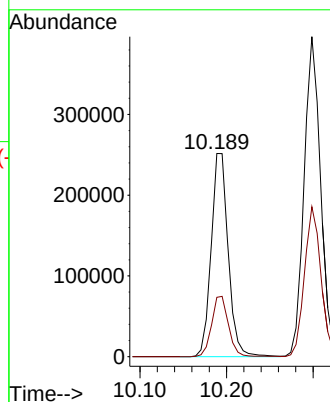
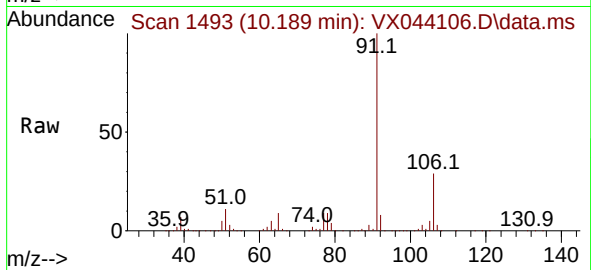
ClientSampleId :

Tgt Ion: 91 Resp: 344031

Ion Ratio Lower Upper

91 100

106 29.2 23.6 35.4



#68

m/p-Xylenes

Concen: 97.225 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.001 min

Lab File: VX044106.D

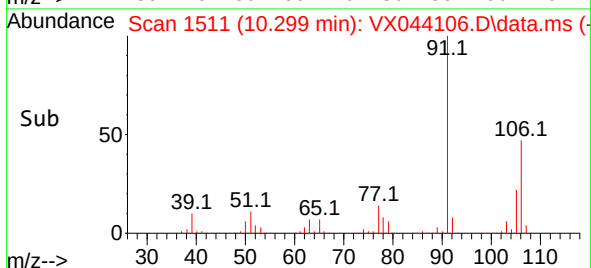
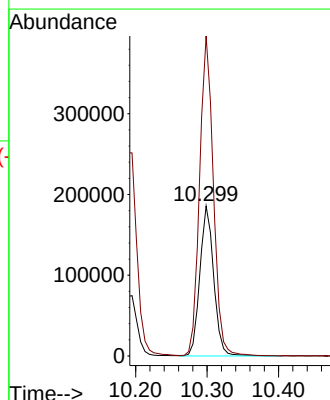
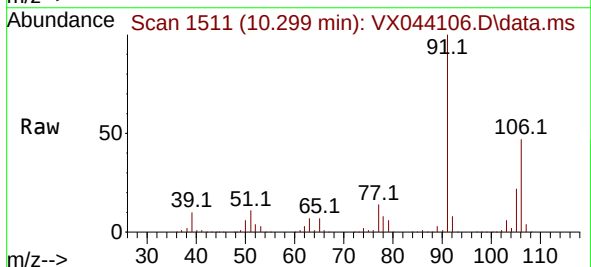
Acq: 03 Dec 2024 20:41

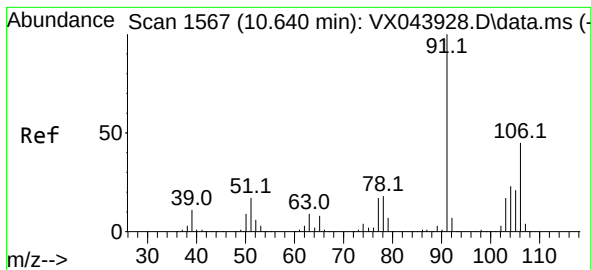
Tgt Ion: 106 Resp: 248942

Ion Ratio Lower Upper

106 100

91 213.2 168.1 252.1

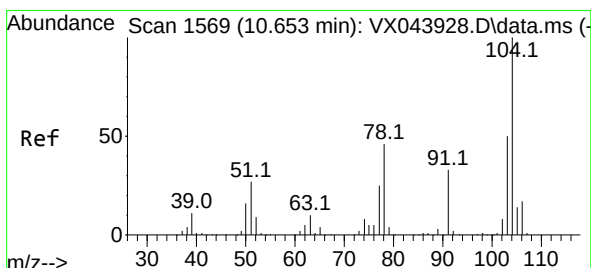
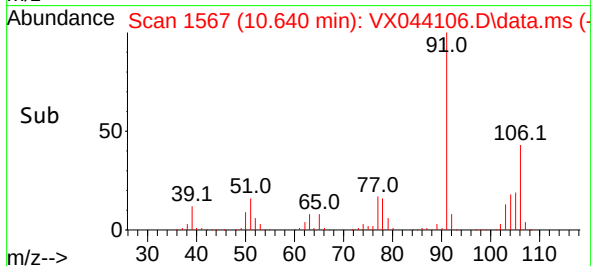
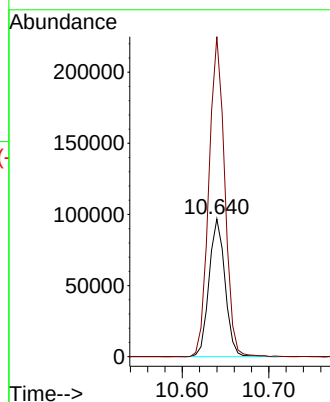
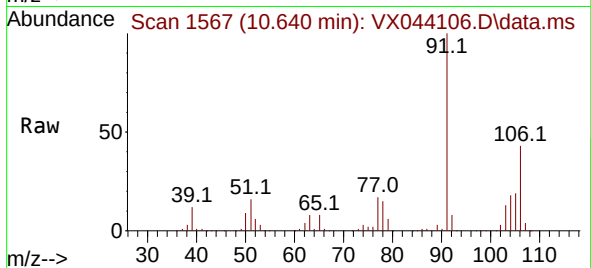




#69  
o-Xylene  
Concen: 49.675 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

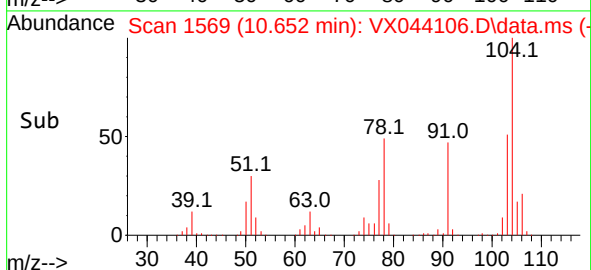
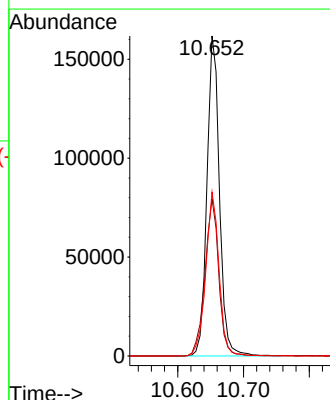
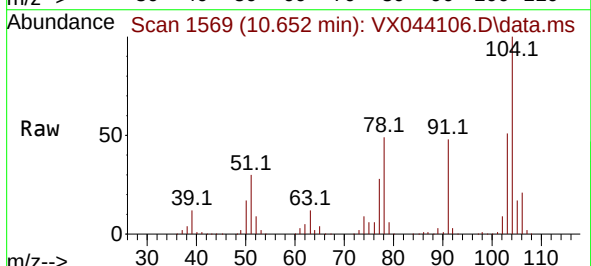
Instrument :  
MSVOA\_X  
ClientSampleId :

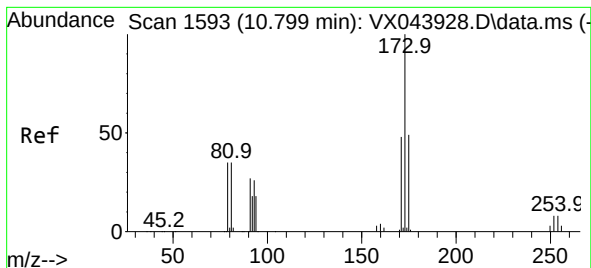
Tgt Ion:106 Resp: 124184  
Ion Ratio Lower Upper  
106 100  
91 230.2 110.2 330.6



#70  
Styrene  
Concen: 51.764 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion:104 Resp: 214033  
Ion Ratio Lower Upper  
104 100  
78 54.2 42.2 63.2  
103 54.5 44.7 67.1





#71

Bromoform

Concen: 45.999 ug/l

RT: 10.798 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

ClientSampleId :

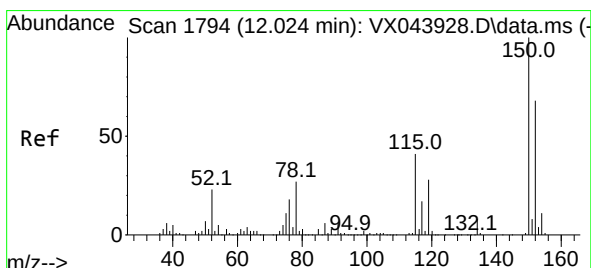
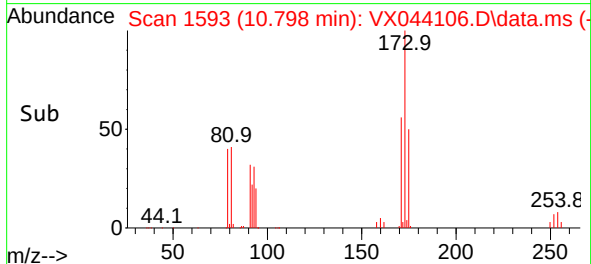
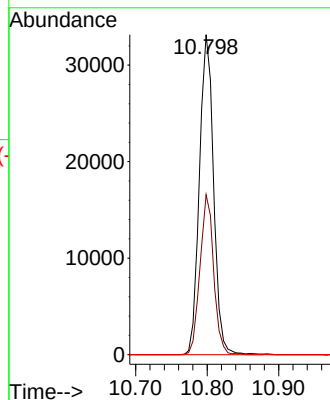
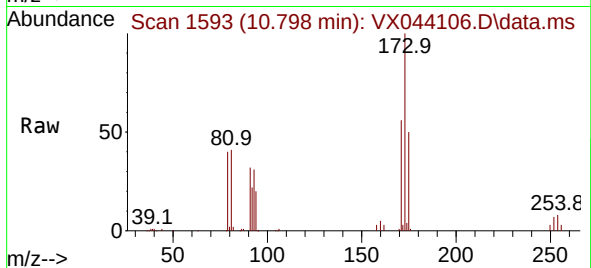
Tgt Ion:173 Resp: 45631

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.007 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

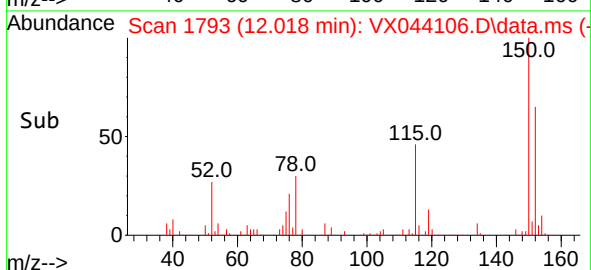
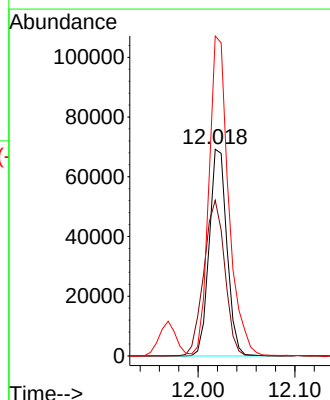
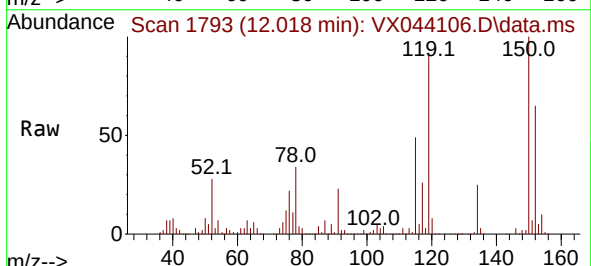
Tgt Ion:152 Resp: 87967

Ion Ratio Lower Upper

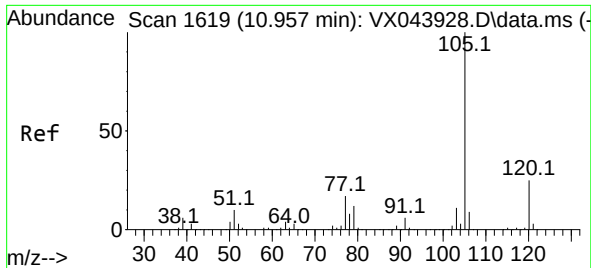
152 100

115 89.4 45.4 136.2

150 172.0 0.0 353.0



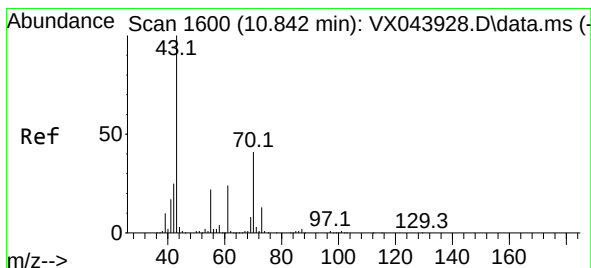
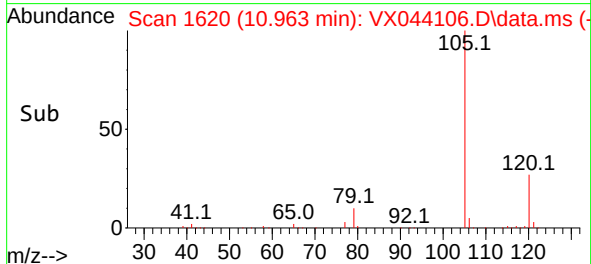
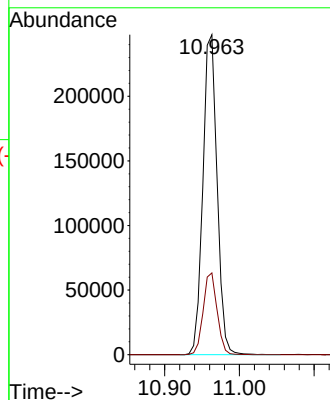
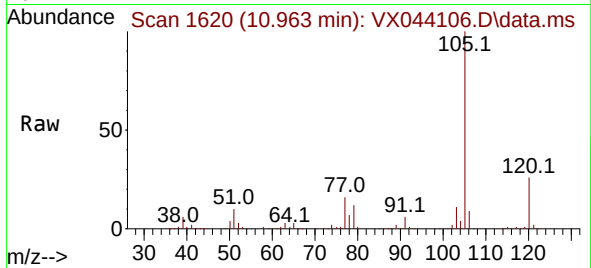




#73  
Isopropylbenzene  
Concen: 48.357 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

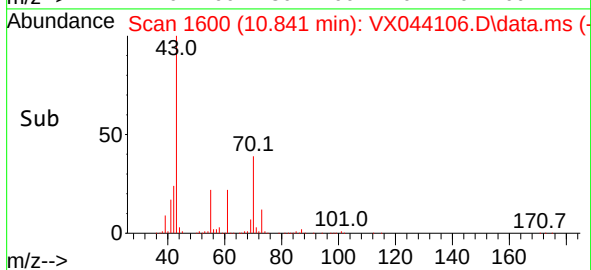
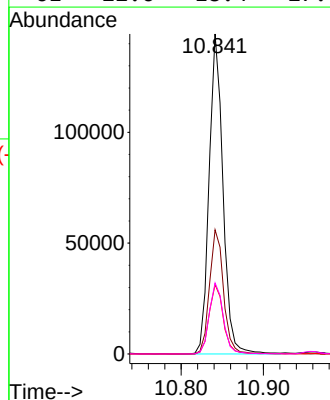
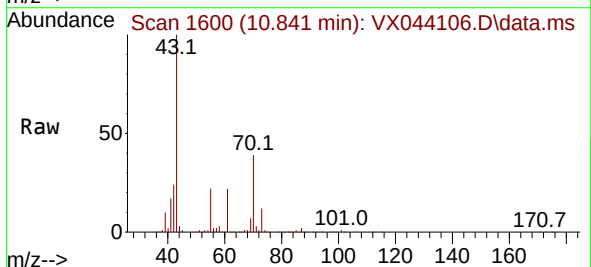
Instrument :  
MSVOA\_X  
ClientSampleId :

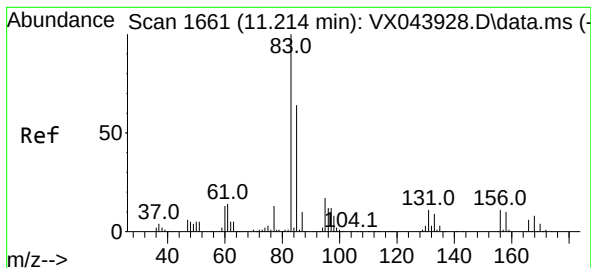
Tgt Ion:105 Resp: 326988  
Ion Ratio Lower Upper  
105 100  
120 25.0 13.0 38.9



#74  
N-ethyl acetate  
Concen: 54.045 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 43 Resp: 169294  
Ion Ratio Lower Upper  
43 100  
70 39.4 32.2 48.2  
55 22.1 18.1 27.1  
61 22.6 18.4 27.6

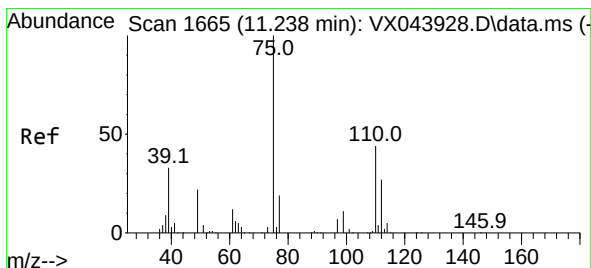
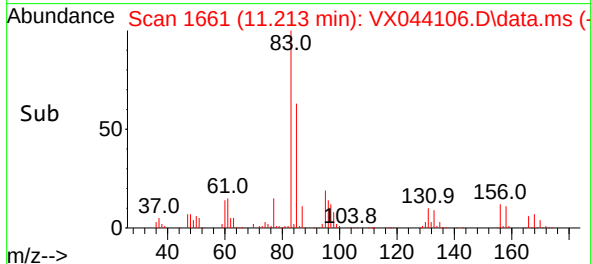
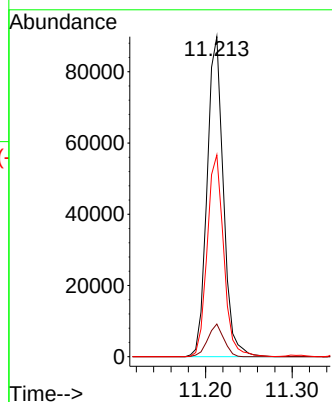
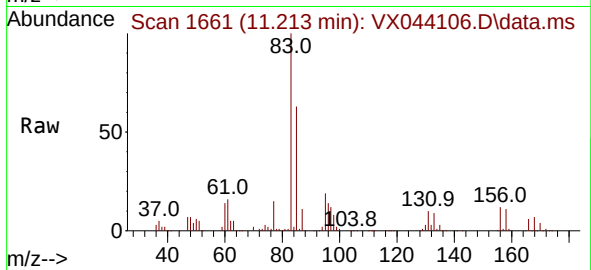




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.635 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

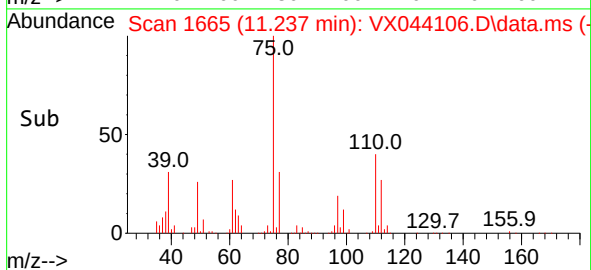
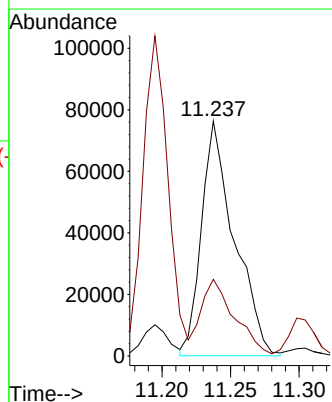
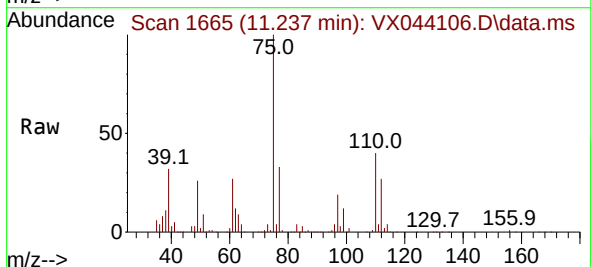
Instrument :  
MSVOA\_X  
ClientSampleId :

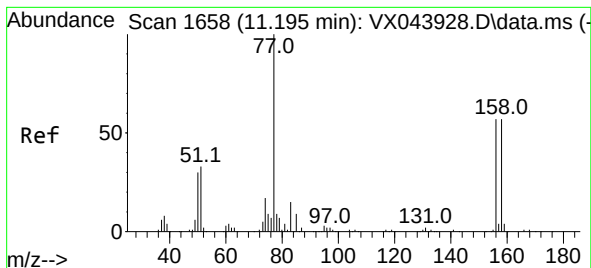
Tgt Ion: 83 Resp: 117237  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.1 15.2  
85 64.1 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 66.099 ug/l  
RT: 11.237 min Scan# 1665  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 75 Resp: 127511  
Ion Ratio Lower Upper  
75 100  
77 33.2 21.8 65.3





#77

Bromobenzene

Concen: 48.068 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

ClientSampleId :

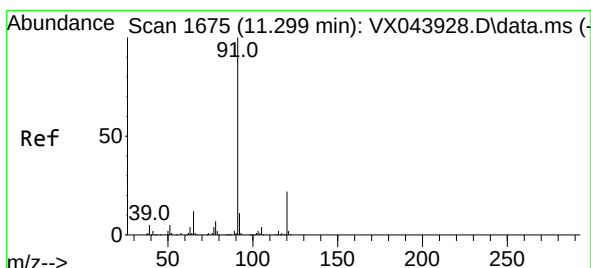
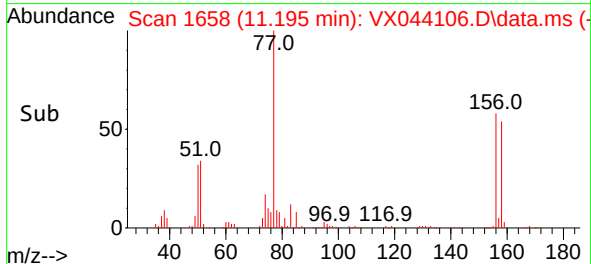
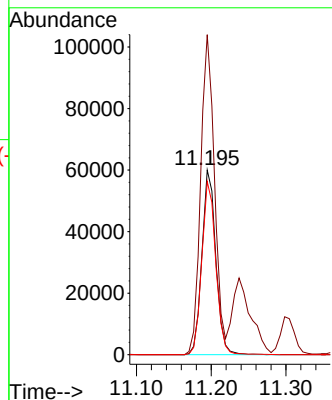
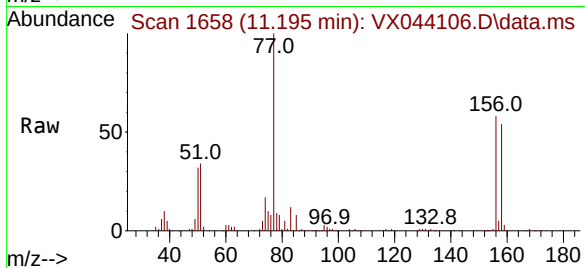
Tgt Ion:156 Resp: 77537

Ion Ratio Lower Upper

156 100

77 171.9 83.4 250.1

158 94.4 47.6 142.8



#78

n-propylbenzene

Concen: 48.772 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044106.D

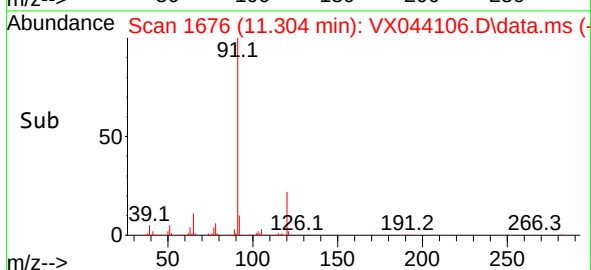
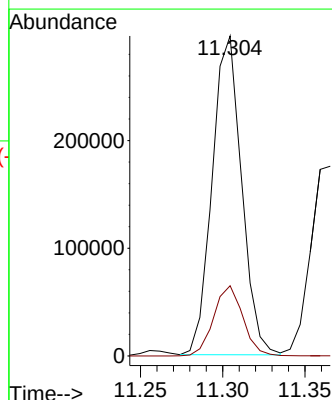
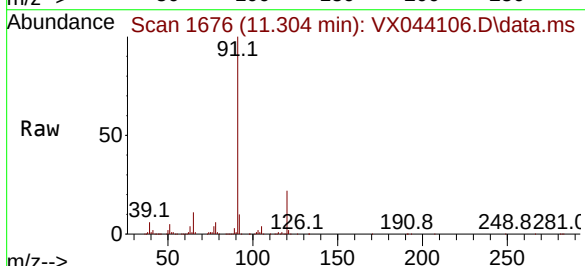
Acq: 03 Dec 2024 20:41

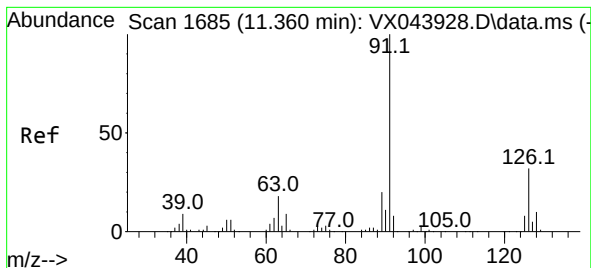
Tgt Ion: 91 Resp: 368334

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.899 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

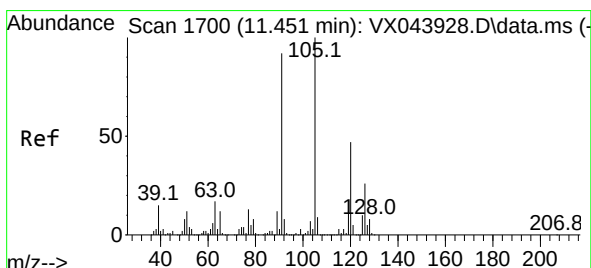
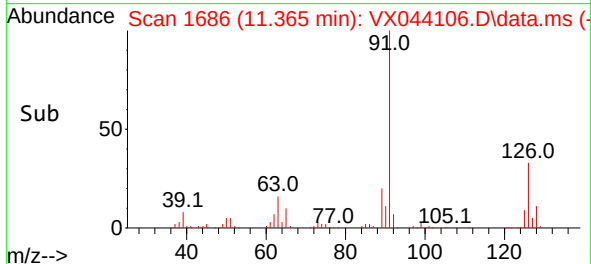
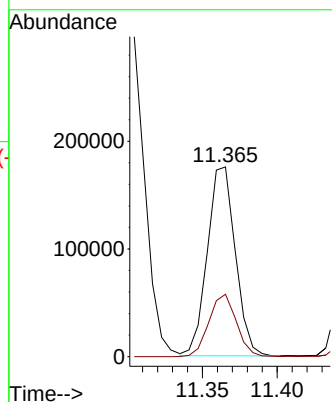
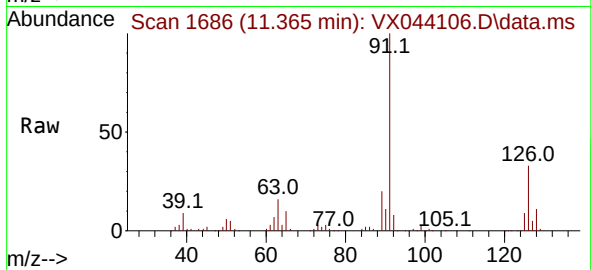
ClientSampleId :

Tgt Ion: 91 Resp: 228741

Ion Ratio Lower Upper

91 100

126 32.6 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 49.331 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.001 min

Lab File: VX044106.D

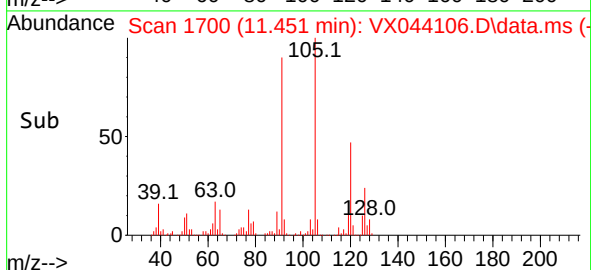
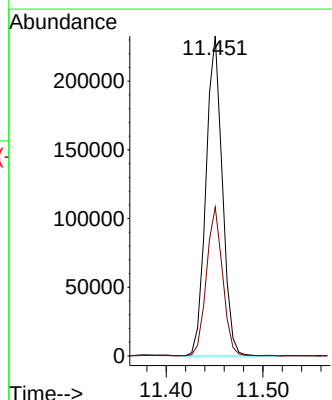
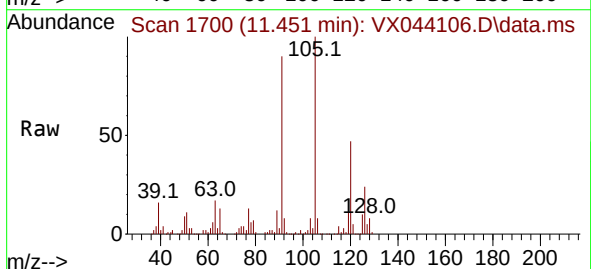
Acq: 03 Dec 2024 20:41

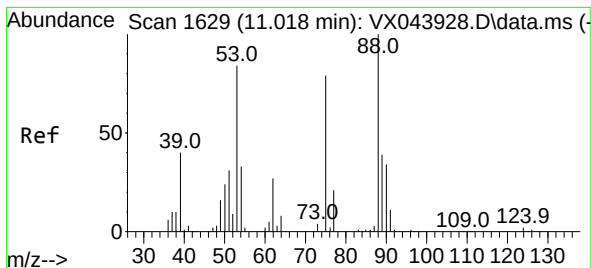
Tgt Ion:105 Resp: 274431

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.8

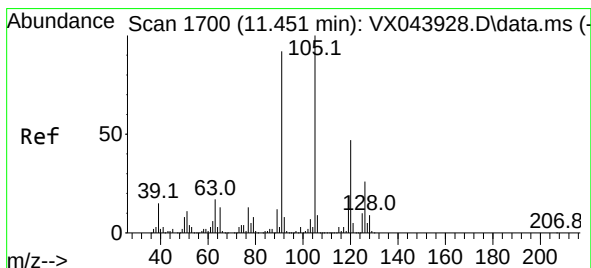
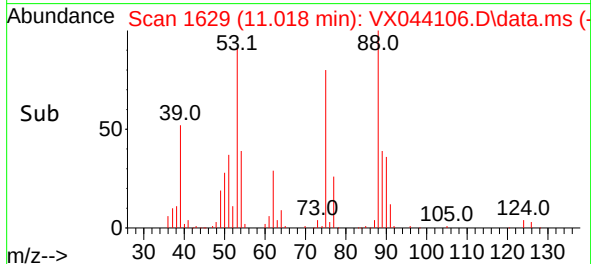
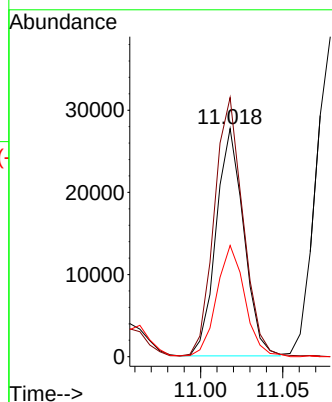
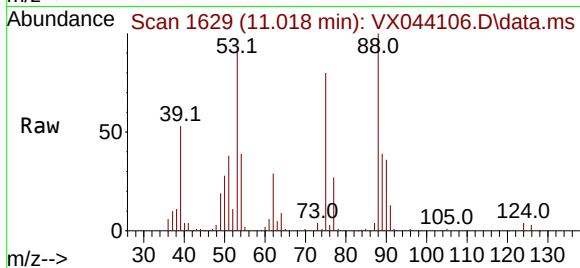




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.939 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

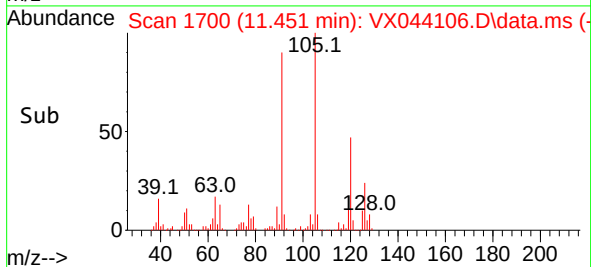
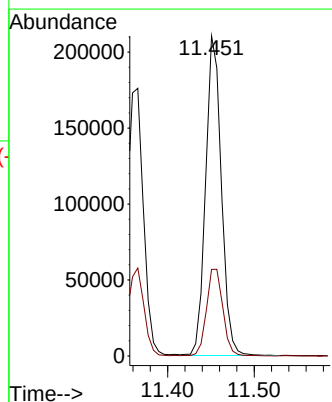
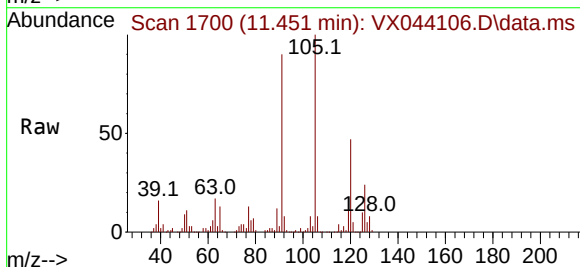
Instrument :  
MSVOA\_X  
ClientSampleId :

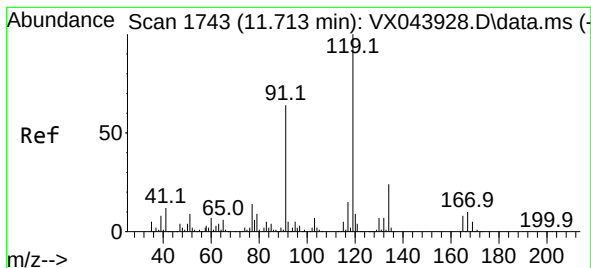
Tgt Ion: 75 Resp: 32477  
Ion Ratio Lower Upper  
75 100  
53 118.9 86.7 130.1  
89 49.6 38.2 57.2



#82  
4-Chlorotoluene  
Concen: 49.192 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 91 Resp: 265214  
Ion Ratio Lower Upper  
91 100  
126 28.3 14.3 42.9





#83

tert-Butylbenzene

Concen: 49.263 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

ClientSampleId :

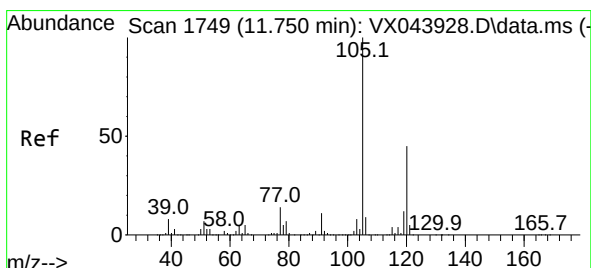
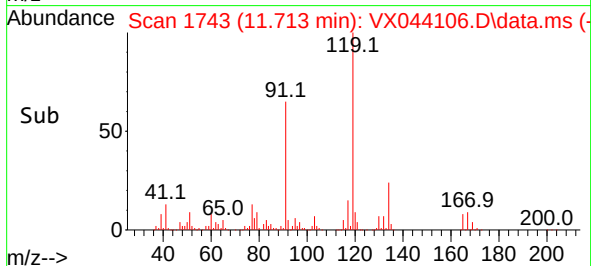
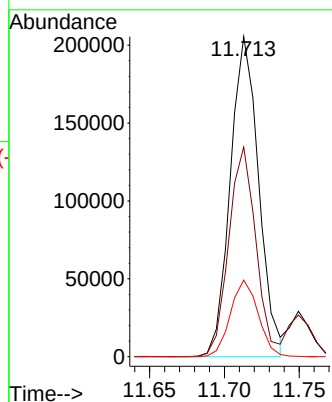
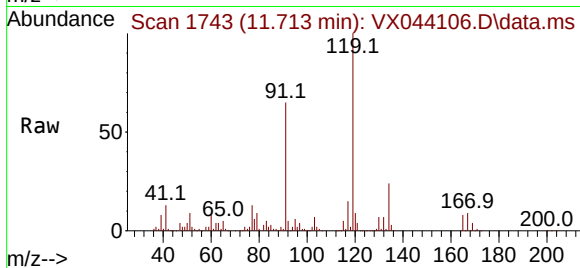
Tgt Ion:119 Resp: 271637

Ion Ratio Lower Upper

119 100

91 62.8 31.0 93.0

134 23.4 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 50.481 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VX044106.D

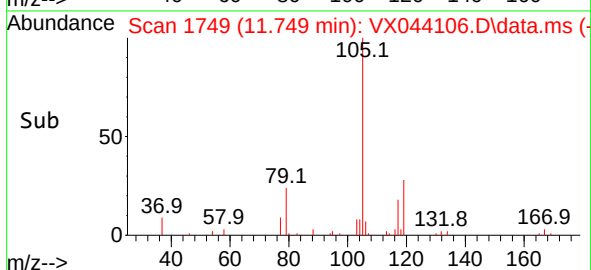
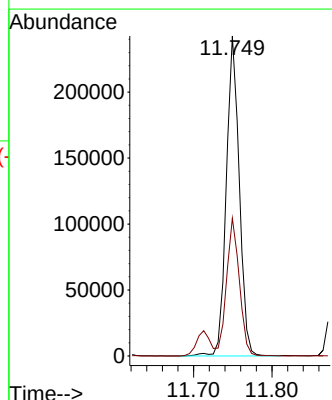
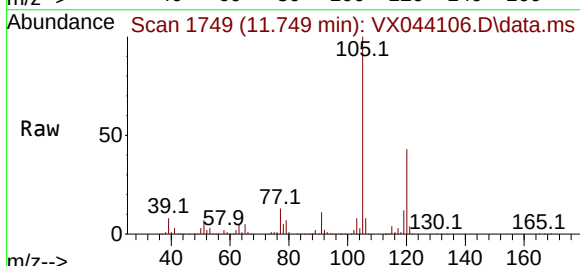
Acq: 03 Dec 2024 20:41

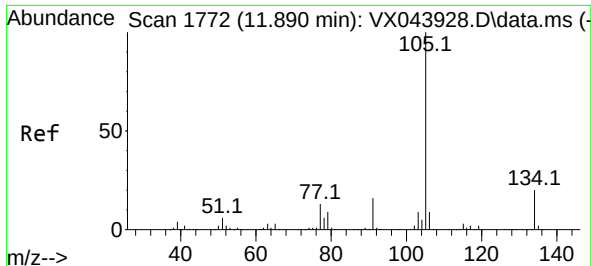
Tgt Ion:105 Resp: 279591

Ion Ratio Lower Upper

105 100

120 42.9 21.9 65.7

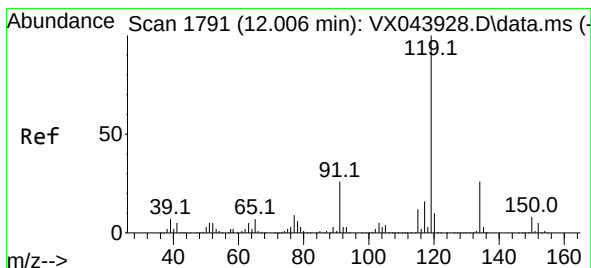
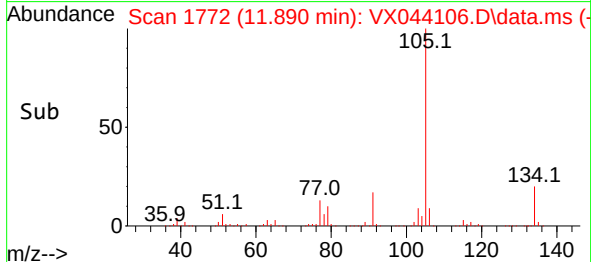
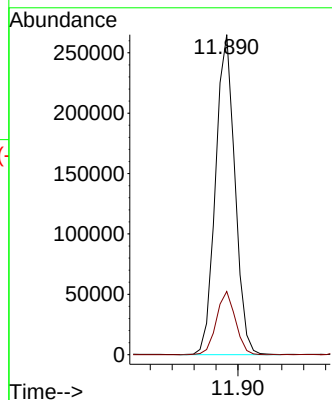
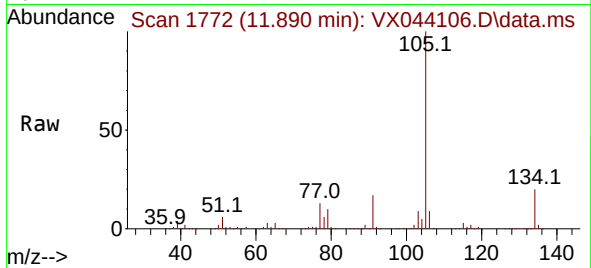




#85  
sec-Butylbenzene  
Concen: 48.097 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

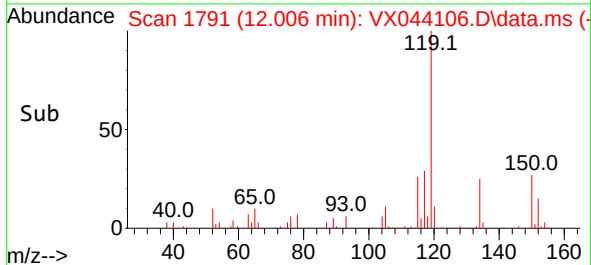
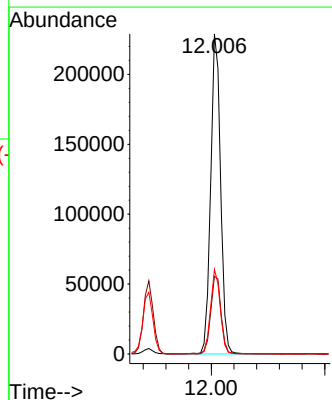
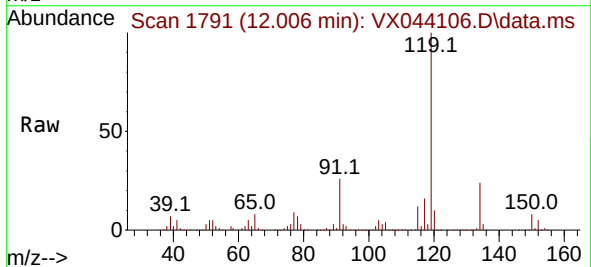
Instrument :  
MSVOA\_X  
ClientSampleId :

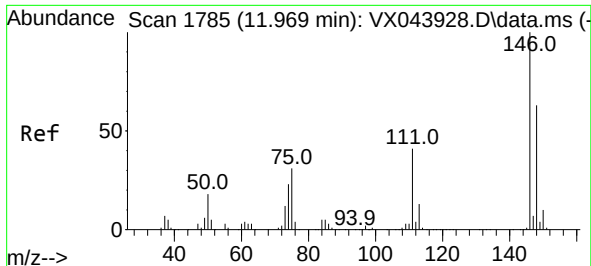
Tgt Ion:105 Resp: 324935  
Ion Ratio Lower Upper  
105 100  
134 19.4 9.7 29.1



#86  
p-Isopropyltoluene  
Concen: 50.361 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion:119 Resp: 276368  
Ion Ratio Lower Upper  
119 100  
134 25.3 13.0 38.9  
91 25.9 13.0 38.9

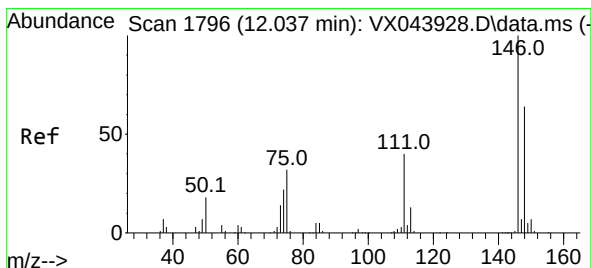
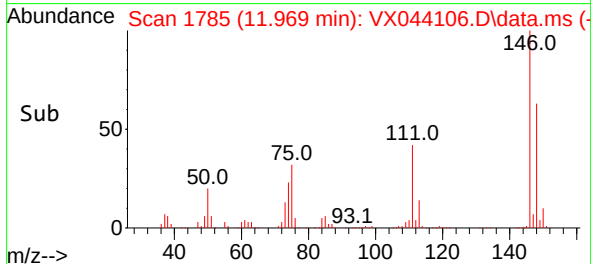
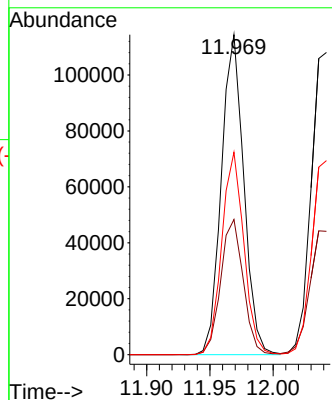
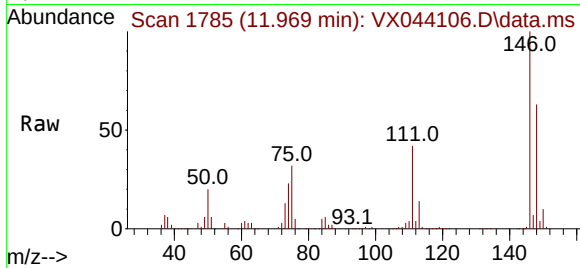




#87  
1,3-Dichlorobenzene  
Concen: 47.948 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

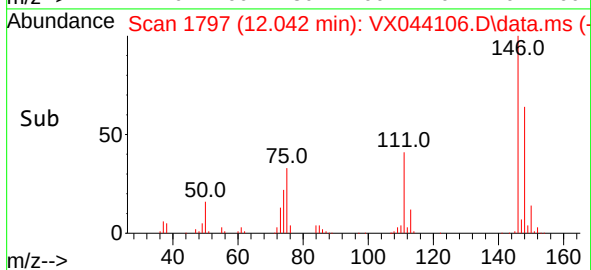
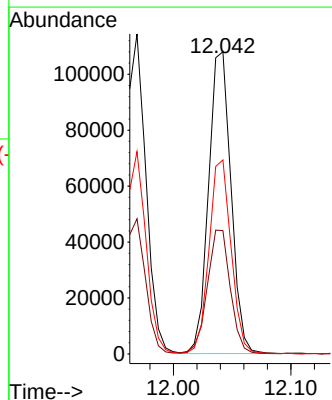
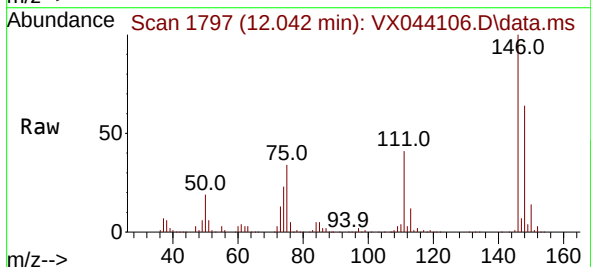
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:146 Resp: 140865  
Ion Ratio Lower Upper  
146 100  
111 42.6 21.1 63.3  
148 62.4 31.7 95.1

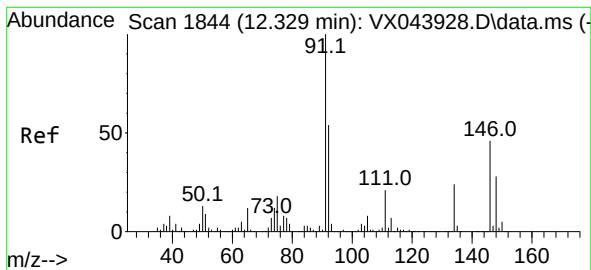


#88  
1,4-Dichlorobenzene  
Concen: 47.774 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.006 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion:146 Resp: 143096  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.1 60.3  
148 63.8 30.9 92.8

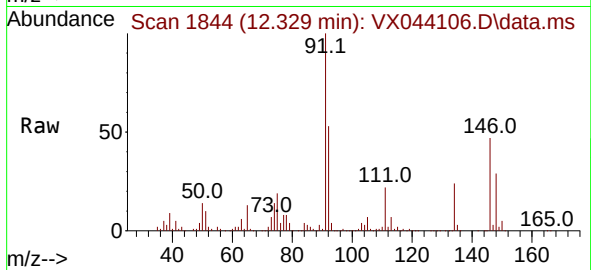




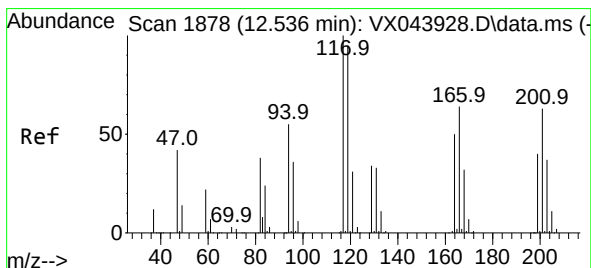
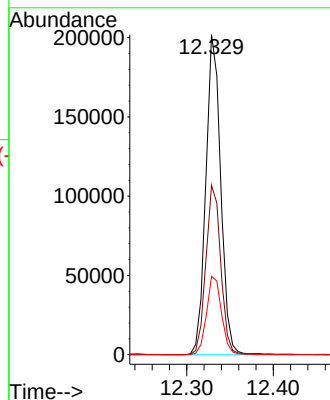
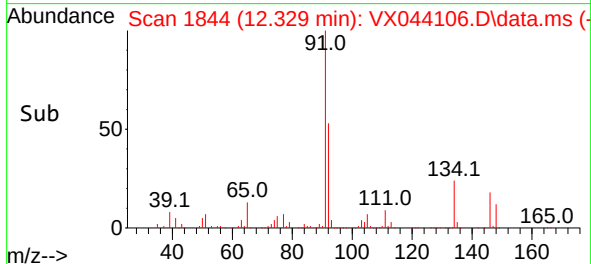


#89  
n-Butylbenzene  
Concen: 49.897 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Instrument :  
MSVOA\_X  
ClientSampleId :

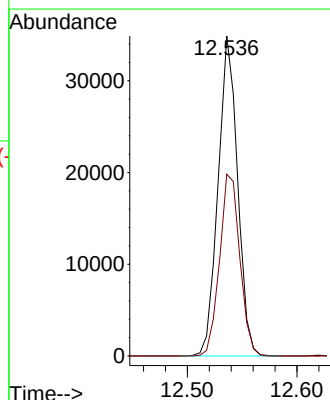
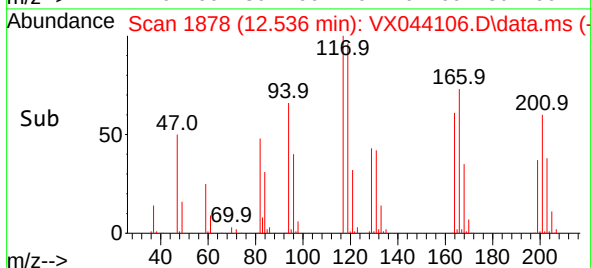
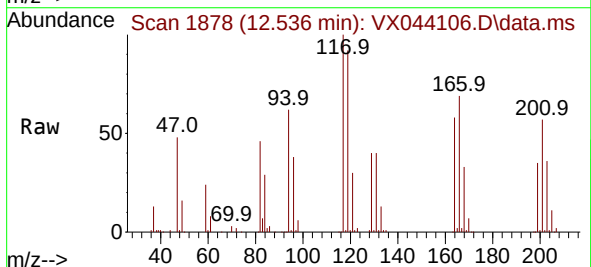


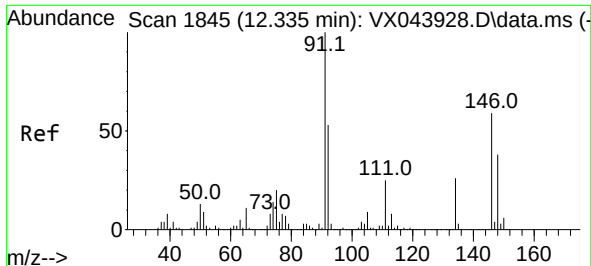
Tgt Ion: 91 Resp: 241416  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.6 79.8  
134 24.6 12.4 37.2



#90  
Hexachloroethane  
Concen: 46.187 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 117 Resp: 43099  
Ion Ratio Lower Upper  
117 100  
201 59.0 32.4 97.0

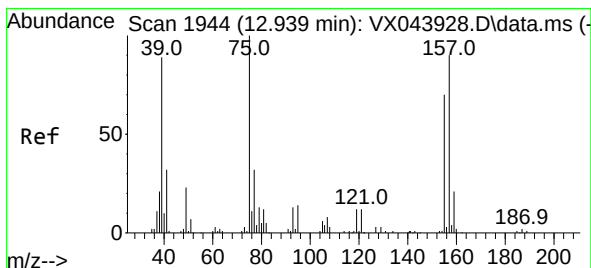
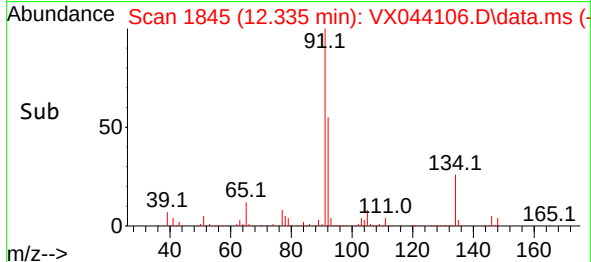
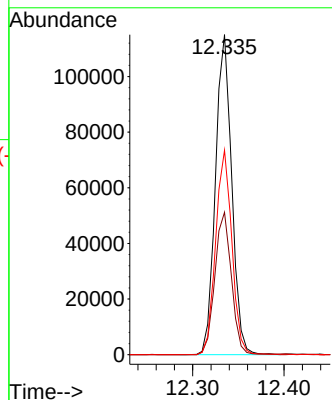
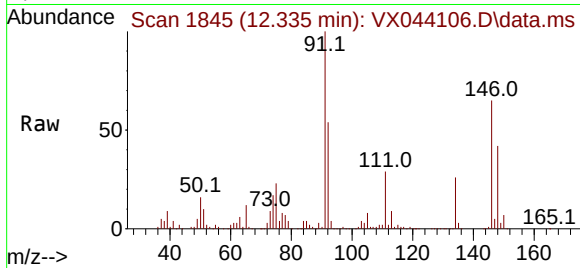




#91  
1,2-Dichlorobenzene  
Concen: 47.922 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

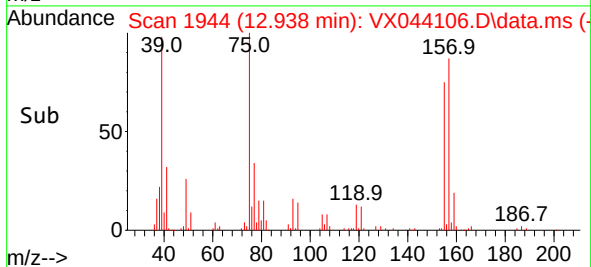
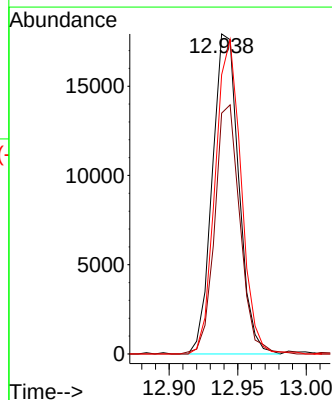
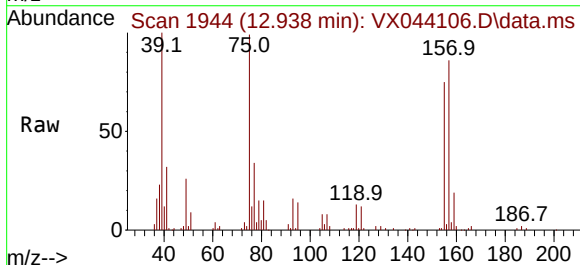
Instrument :  
MSVOA\_X  
ClientSampleId :

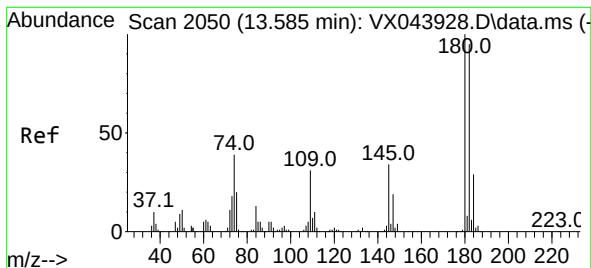
Tgt Ion:146 Resp: 142082  
Ion Ratio Lower Upper  
146 100  
111 45.2 21.5 64.5  
148 63.8 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.882 ug/l  
RT: 12.938 min Scan# 1944  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion: 75 Resp: 24070  
Ion Ratio Lower Upper  
75 100  
155 74.3 40.1 120.2  
157 96.2 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 47.426 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA\_X

ClientSampleId :

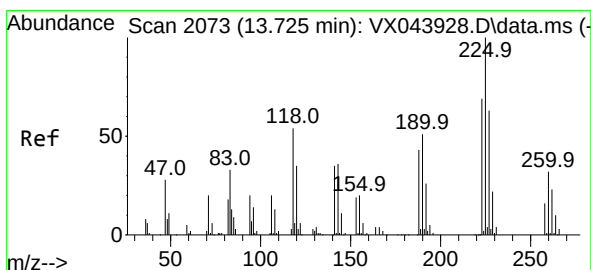
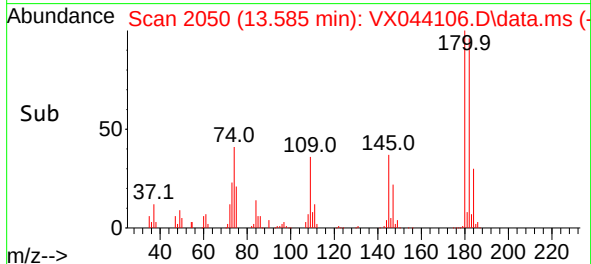
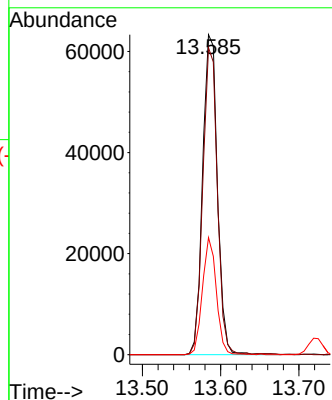
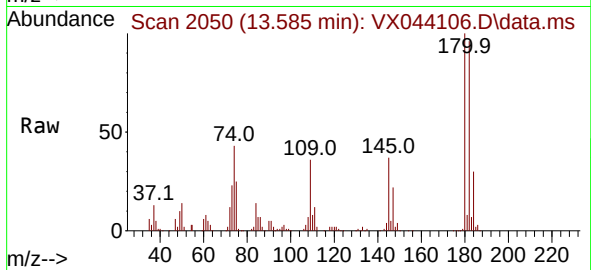
Tgt Ion:180 Resp: 82899

Ion Ratio Lower Upper

180 100

182 94.0 48.0 144.2

145 34.4 16.8 50.4



#94

Hexachlorobutadiene

Concen: 44.804 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.001 min

Lab File: VX044106.D

Acq: 03 Dec 2024 20:41

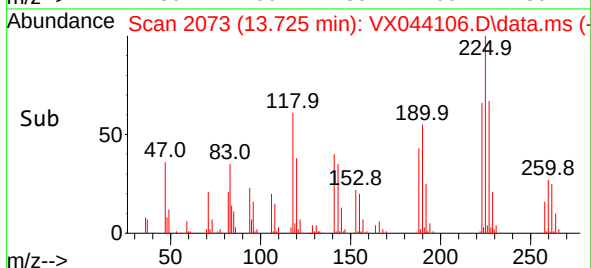
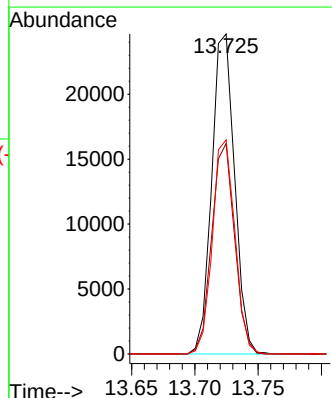
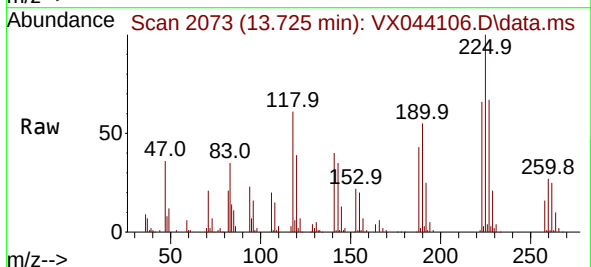
Tgt Ion:225 Resp: 30952

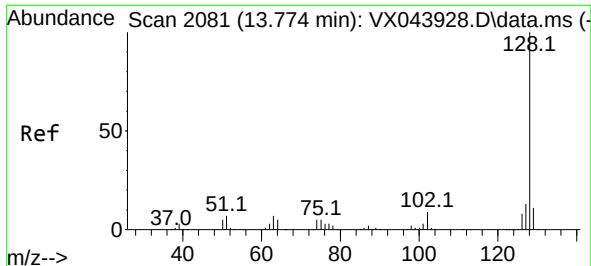
Ion Ratio Lower Upper

225 100

223 65.6 32.9 98.6

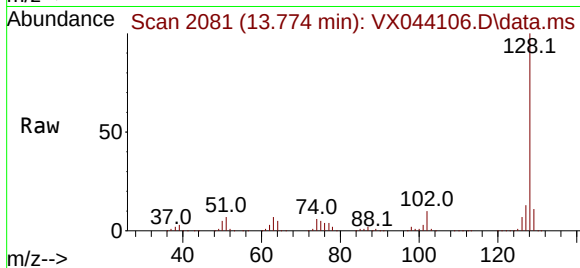
227 65.9 31.6 94.8



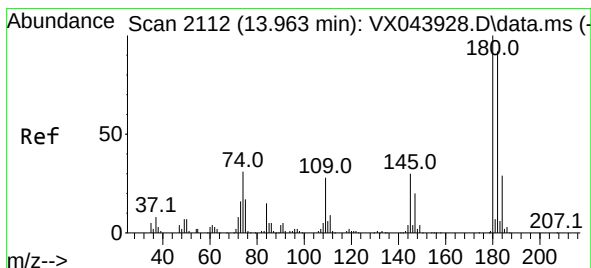
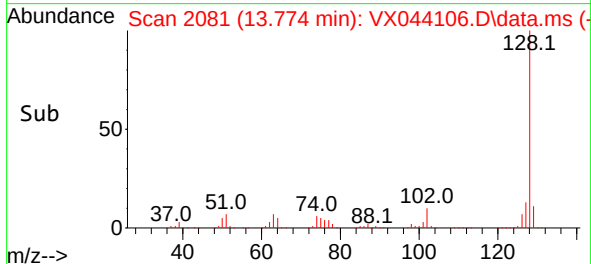
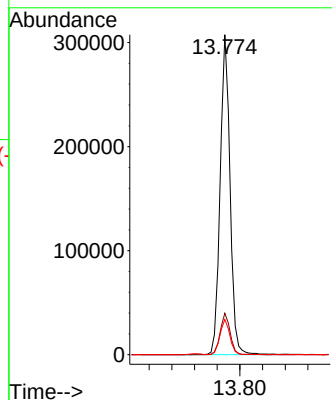


#95  
Naphthalene  
Concen: 59.190 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.001 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 372432  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.2  
129 11.1 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 49.582 ug/l  
RT: 13.956 min Scan# 2111  
Delta R.T. -0.007 min  
Lab File: VX044106.D  
Acq: 03 Dec 2024 20:41

Tgt Ion:180 Resp: 87720  
Ion Ratio Lower Upper  
180 100  
182 94.8 45.6 136.8  
145 35.2 16.4 49.4

