

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090322\  
 Data File : VX031106.D  
 Acq On : 04 Sep 2022 00:51  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050

Quant Time: Sep 06 01:10:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 02:49:21 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 183301   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 291301   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 263080   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 127102   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 113065   | 47.939   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 95.880% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 105919   | 49.825   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.660% |
| 50) Toluene-d8              | 8.653  | 98    | 373606   | 47.753   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 95.500% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 130794   | 47.332   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 94.660% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 83506   | 44.275  | ug/l   | 97  |
| 3) Chloromethane             | 1.288 | 50  | 67279   | 42.838  | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.374 | 62  | 84173   | 42.723  | ug/l   | 96  |
| 5) Bromomethane              | 1.611 | 94  | 54089   | 61.408  | ug/l   | 95  |
| 6) Chloroethane              | 1.684 | 64  | 37262   | 31.953  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 170905  | 51.336  | ug/l   | 100 |
| 8) Diethyl Ether             | 2.136 | 74  | 53434   | 46.021  | ug/l   | 75  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 103136  | 46.771  | ug/l   | 90  |
| 10) Methyl Iodide            | 2.453 | 142 | 154476  | 71.080  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 3.001 | 59  | 127735  | 269.735 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 2.318 | 96  | 102045  | 47.920  | ug/l   | 91  |
| 13) Acrolein                 | 2.239 | 56  | 100509  | 232.880 | ug/l   | 99  |
| 14) Allyl chloride           | 2.666 | 41  | 118151  | 41.778  | ug/l # | 85  |
| 15) Acrylonitrile            | 3.068 | 53  | 257203  | 232.599 | ug/l   | 99  |
| 16) Acetone                  | 2.392 | 43  | 211020  | 231.761 | ug/l   | 98  |
| 17) Carbon Disulfide         | 2.514 | 76  | 238838  | 43.188  | ug/l   | 98  |
| 18) Methyl Acetate           | 2.709 | 43  | 117264  | 44.819  | ug/l # | 87  |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 325260  | 49.598  | ug/l   | 93  |
| 20) Methylene Chloride       | 2.788 | 84  | 111245  | 50.222  | ug/l   | 88  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 109306  | 46.129  | ug/l   | 94  |
| 22) Diisopropyl ether        | 3.763 | 45  | 253376  | 44.465  | ug/l # | 90  |
| 23) Vinyl Acetate            | 3.727 | 43  | 1082715 | 235.234 | ug/l # | 89  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 173890  | 45.287  | ug/l   | 98  |
| 25) 2-Butanone               | 4.568 | 43  | 318269  | 226.421 | ug/l # | 88  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 105554  | 34.449  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 127466  | 47.997  | ug/l   | 90  |
| 28) Bromochloromethane       | 4.903 | 49  | 48721   | 42.828  | ug/l # | 52  |
| 29) Tetrahydrofuran          | 5.013 | 42  | 195054  | 215.241 | ug/l # | 75  |
| 30) Chloroform               | 5.098 | 83  | 205870  | 48.892  | ug/l   | 97  |
| 31) Cyclohexane              | 5.470 | 56  | 139831  | 43.401  | ug/l   | 91  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 185720  | 51.453  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 140121  | 47.058  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.720 | 43  | 122768  | 47.453  | ug/l   | 94  |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 163567  | 52.920  | ug/l   | 99  |
| 39) Methylcyclohexane        | 7.385 | 83  | 169618  | 45.963  | ug/l   | 93  |
| 40) Benzene                  | 6.043 | 78  | 417821  | 48.874  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090322\  
 Data File : VX031106.D  
 Acq On : 04 Sep 2022 00:51  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 06 01:10:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 02:49:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 64891    | 47.045  | ug/l # | 84       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 150164   | 53.249  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 194762   | 48.168  | ug/l # | 91       |
| 44) Trichloroethene           | 7.129  | 130  | 132035   | 48.795  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 98989    | 45.174  | ug/l   | 96       |
| 46) Dibromomethane            | 7.586  | 93   | 81999    | 49.997  | ug/l   | 89       |
| 47) Bromodichloromethane      | 7.824  | 83   | 155936   | 50.892  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 96830    | 47.435  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 7.689  | 88   | 61003    | 982.511 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 609321   | 234.415 | ug/l   | 88       |
| 52) Toluene                   | 8.720  | 92   | 276791   | 49.925  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 154666   | 50.979  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 181703   | 53.562  | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 120670   | 51.197  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 168810   | 52.391  | ug/l # | 85       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 181547   | 48.715  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 379353   | 235.770 | ug/l   | 89       |
| 59) 2-Hexanone                | 9.433  | 43   | 462239   | 235.157 | ug/l   | 89       |
| 60) Dibromochloromethane      | 9.524  | 129  | 134440   | 54.933  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 132640   | 53.306  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 117097   | 44.579  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 307058   | 48.870  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 124487   | 53.657  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 531764   | 49.401  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 417136   | 98.807  | ug/l   | 100      |
| 69) o-Xylene                  | 10.646 | 106  | 206091   | 49.775  | ug/l   | 100      |
| 70) Styrene                   | 10.658 | 104  | 340825   | 50.865  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 100512   | 55.717  | ug/l   | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 542945   | 52.992  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.847 | 43   | 154075   | 49.819  | ug/l # | 84       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 164704   | 50.269  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 177103   | 58.944  | ug/l   | 86       |
| 77) Bromobenzene              | 11.201 | 156  | 137193   | 51.935  | ug/l   | 86       |
| 78) n-propylbenzene           | 11.305 | 91   | 597944   | 51.240  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 355320   | 49.448  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 442896   | 51.367  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 46225    | 48.350  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 400958   | 49.870  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 450607   | 52.508  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 438182   | 51.130  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 556460   | 49.506  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 467891   | 52.561  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 245000   | 48.418  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 245905   | 48.797  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 375665   | 46.803  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 79990    | 49.584  | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 243161   | 46.854  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 42679    | 53.463  | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 199565   | 60.759  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 73705    | 51.252  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 683147   | 59.297  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 192981   | 56.012  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090322\  
Data File : VX031106.D  
Acq On : 04 Sep 2022 00:51  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

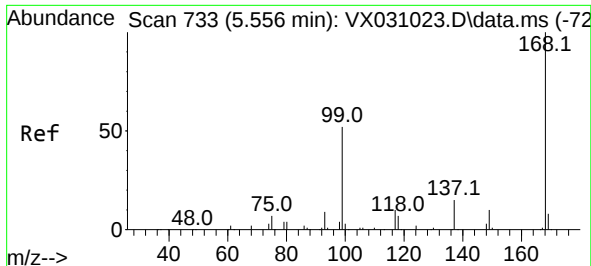
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Sep 06 01:10:55 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 02 02:49:21 2022  
Response via : Initial Calibration

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

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

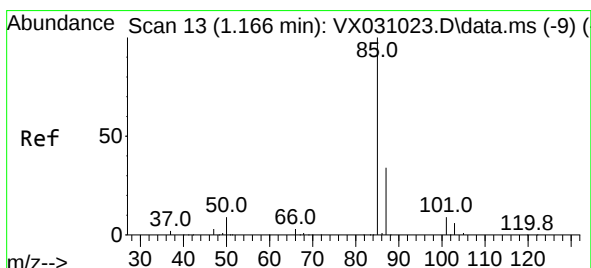
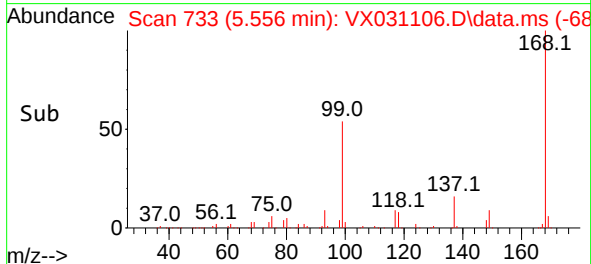
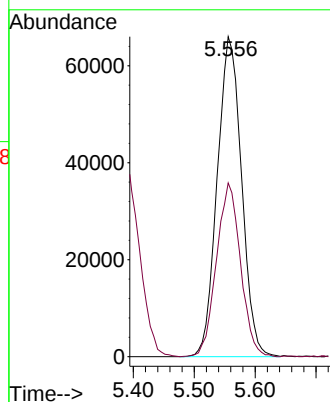
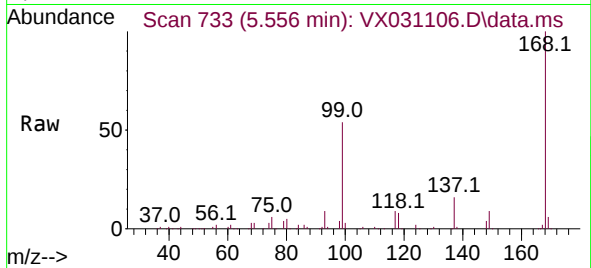




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

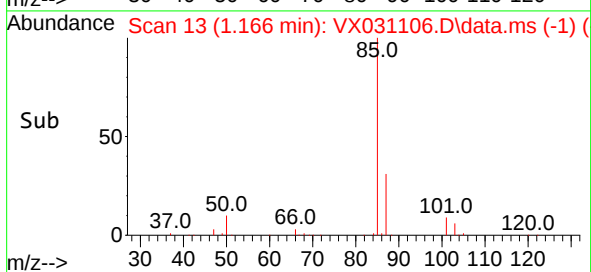
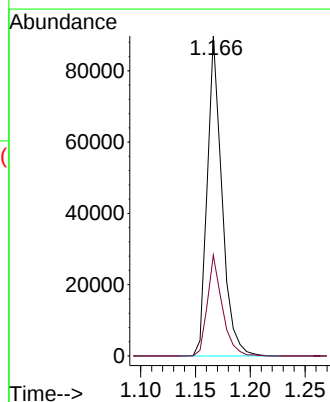
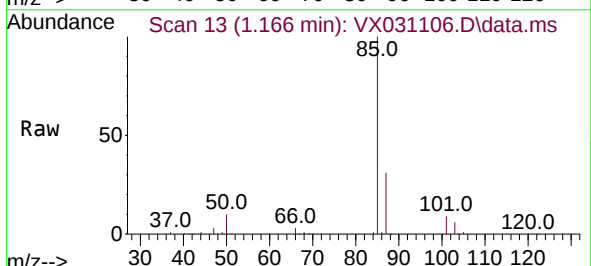
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

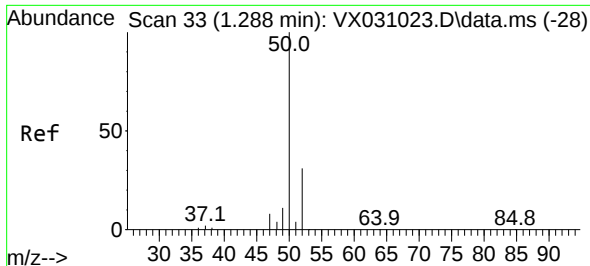
Tgt Ion:168 Resp: 183301  
Ion Ratio Lower Upper  
168 100  
99 54.3 44.0 66.0



#2  
Dichlorodifluoromethane  
Concen: 44.275 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 85 Resp: 83506  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.5 49.5

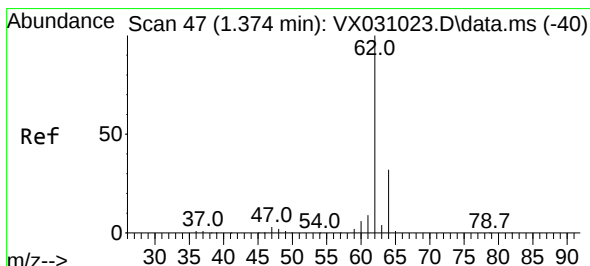
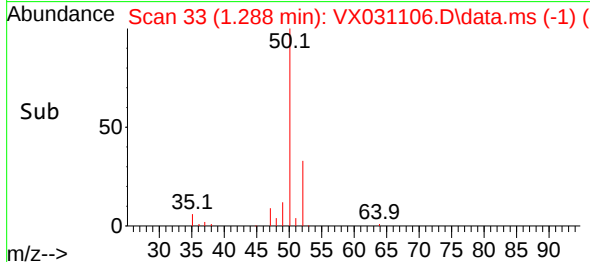
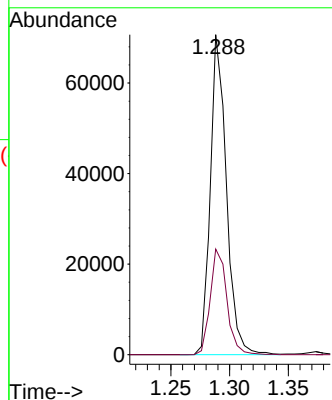
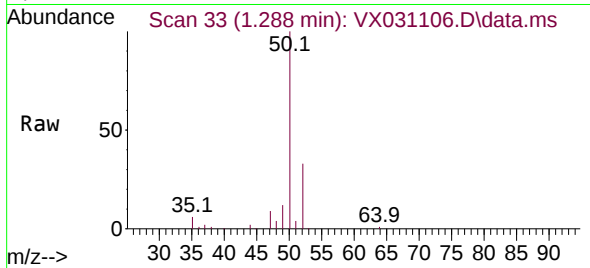




#3  
Chloromethane  
Concen: 42.838 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

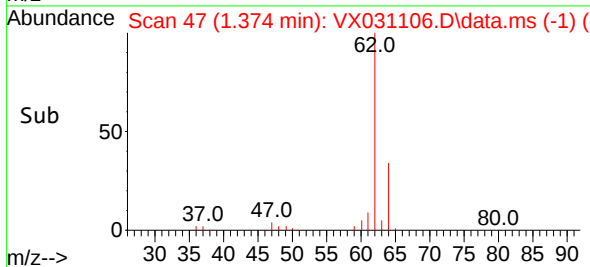
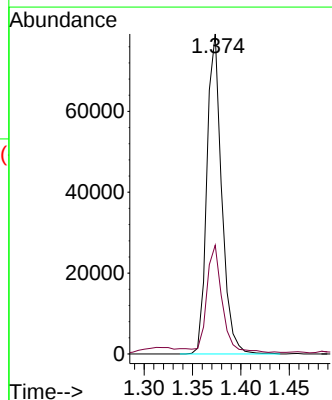
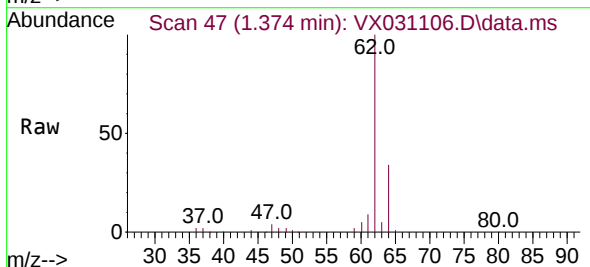
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

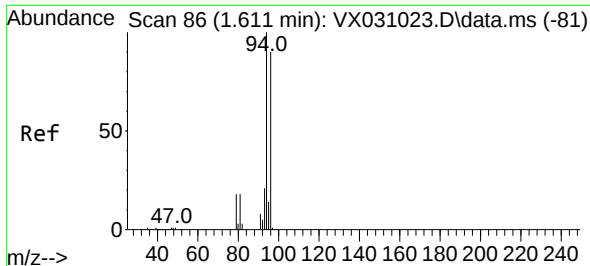
Tgt Ion: 50 Resp: 67279  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.3 39.5



#4  
Vinyl Chloride  
Concen: 42.723 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 62 Resp: 84173  
Ion Ratio Lower Upper  
62 100  
64 33.5 25.2 37.8

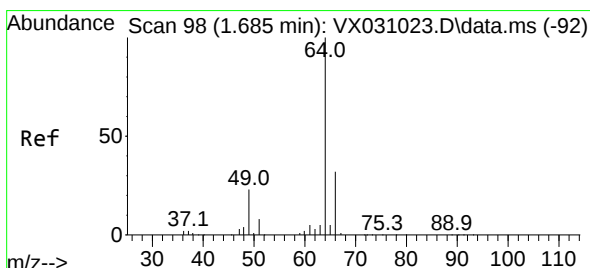
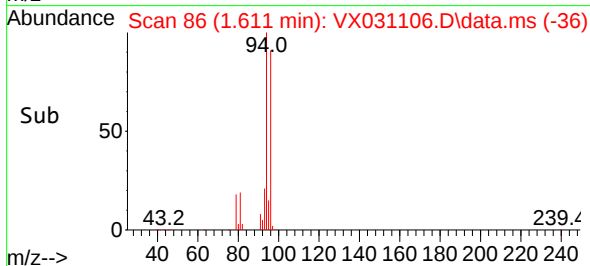
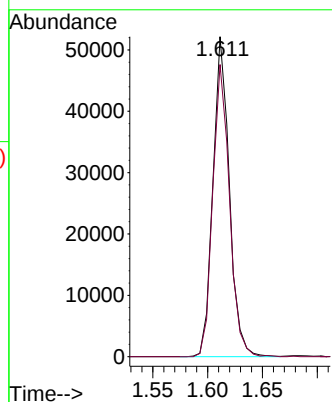
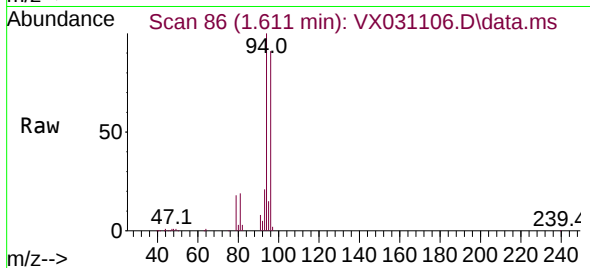




#5  
Bromomethane  
Concen: 61.408 ug/l  
RT: 1.611 min Scan# 86  
Delta R.T. 0.006 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

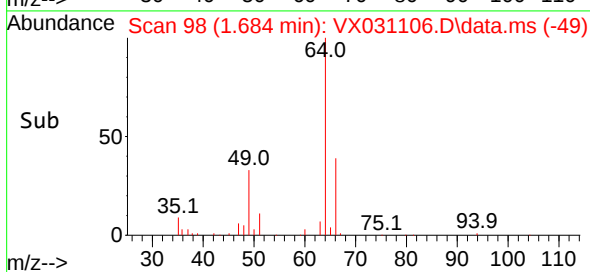
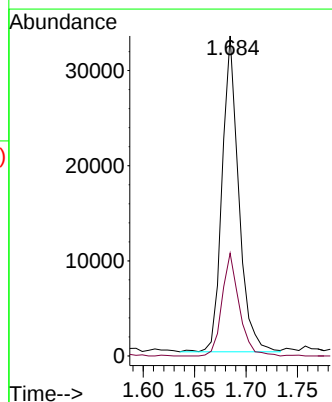
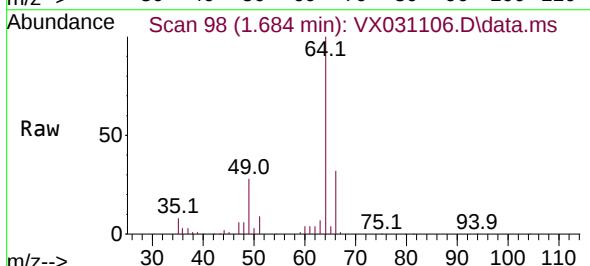
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

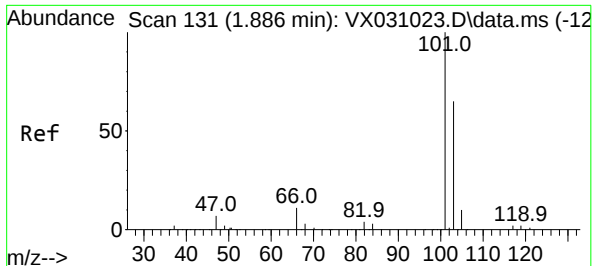
Tgt Ion: 94 Resp: 54089  
Ion Ratio Lower Upper  
94 100  
96 91.3 76.9 115.3



#6  
Chloroethane  
Concen: 31.953 ug/l  
RT: 1.684 min Scan# 98  
Delta R.T. -0.001 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 64 Resp: 37262  
Ion Ratio Lower Upper  
64 100  
66 32.5 27.2 40.8

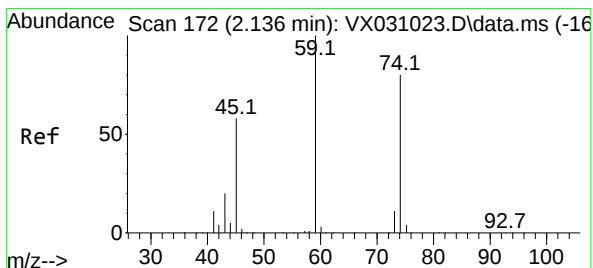
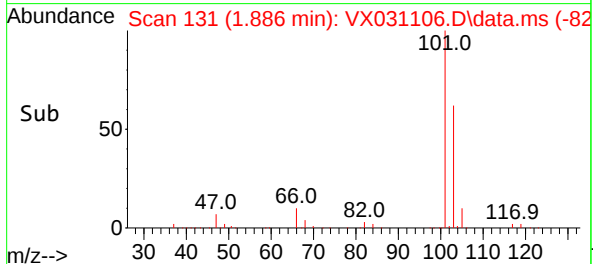
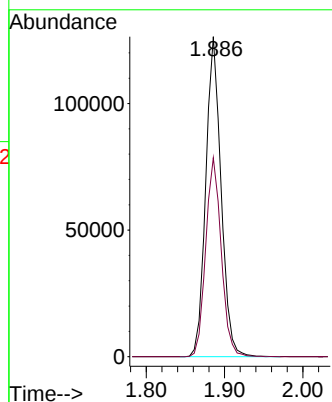
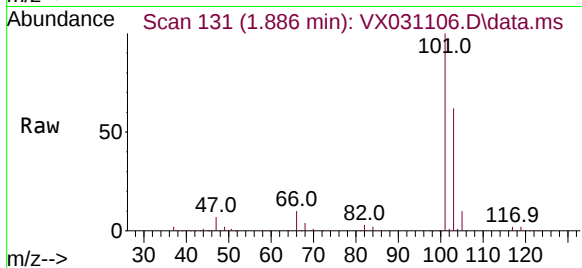




#7  
 Trichlorofluoromethane  
 Concen: 51.336 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX031106.D  
 Acq: 04 Sep 2022 00:51

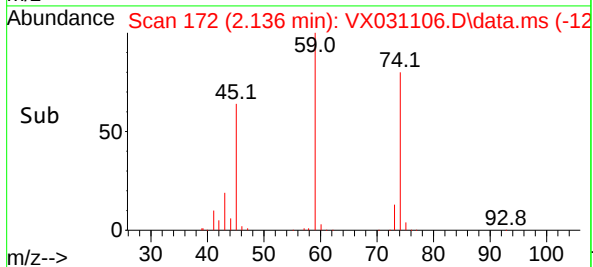
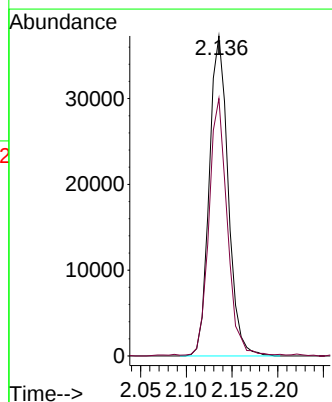
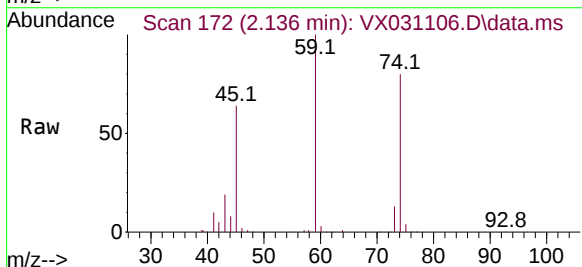
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

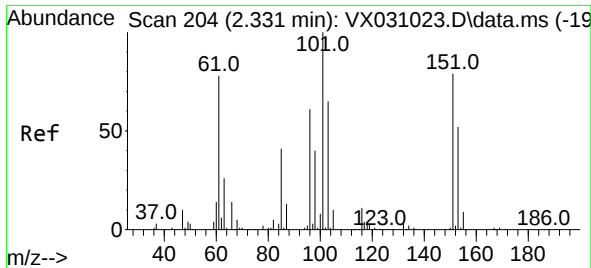
Tgt Ion:101 Resp: 170905  
 Ion Ratio Lower Upper  
 101 100  
 103 62.1 49.7 74.5



#8  
 Diethyl Ether  
 Concen: 46.021 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX031106.D  
 Acq: 04 Sep 2022 00:51

Tgt Ion: 74 Resp: 53434  
 Ion Ratio Lower Upper  
 74 100  
 45 77.2 51.5 154.7

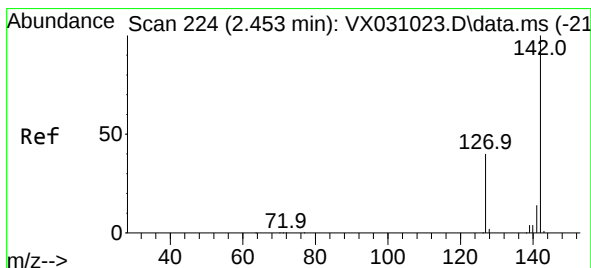
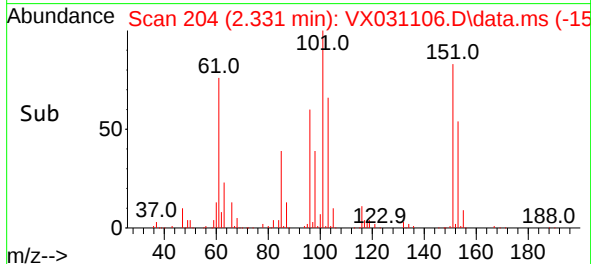
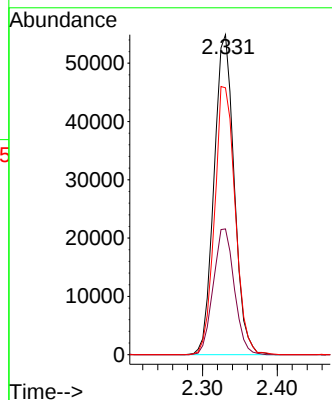
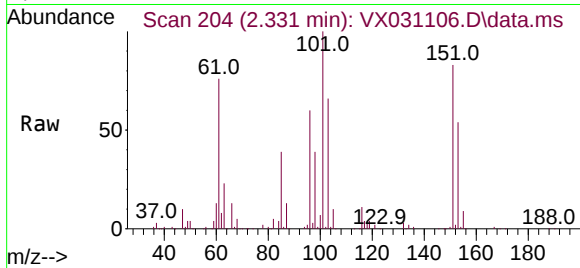




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.771 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

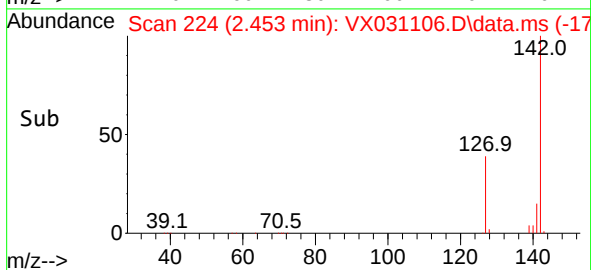
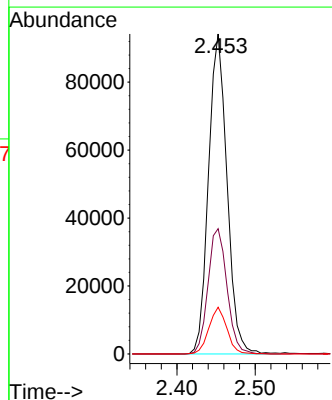
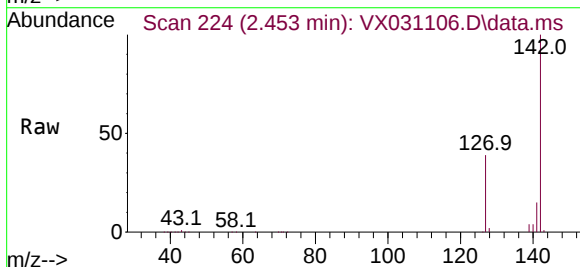
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

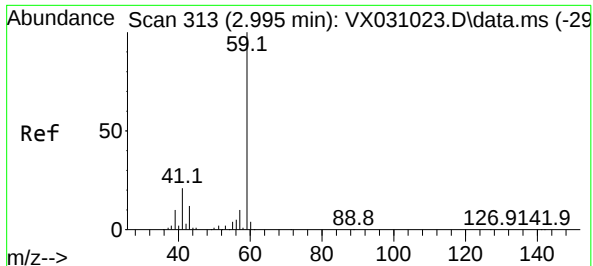
Tgt Ion:101 Resp: 103136  
Ion Ratio Lower Upper  
101 100  
85 41.0 34.0 51.0  
151 85.8 59.4 89.0



#10  
Methyl Iodide  
Concen: 71.080 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion:142 Resp: 154476  
Ion Ratio Lower Upper  
142 100  
127 40.2 30.2 45.2  
141 14.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 269.735 ug/l

RT: 3.001 min Scan# 313

Delta R.T. 0.012 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

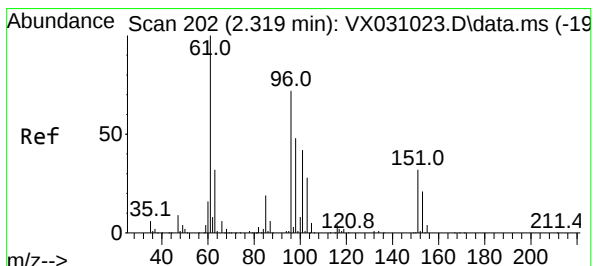
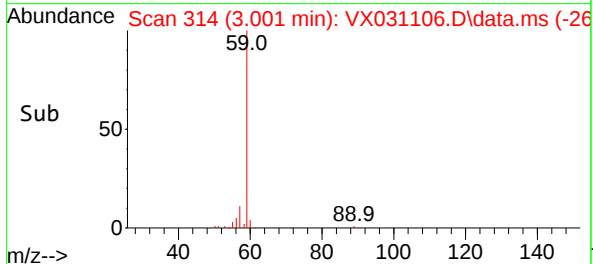
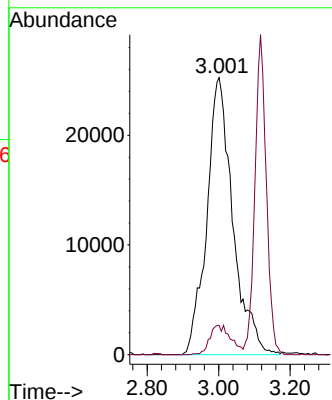
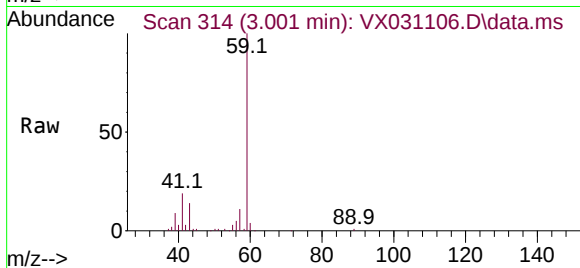
VSTDCCC050

Tgt Ion: 59 Resp: 127735

Ion Ratio Lower Upper

59 100

57 8.7 7.4 11.2



#12

1,1-Dichloroethene

Concen: 47.920 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

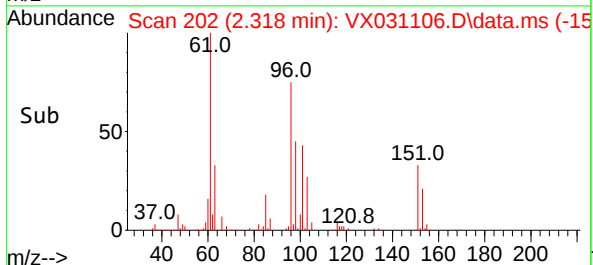
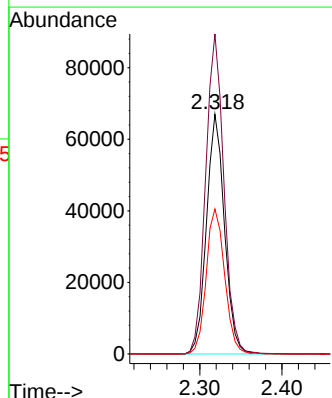
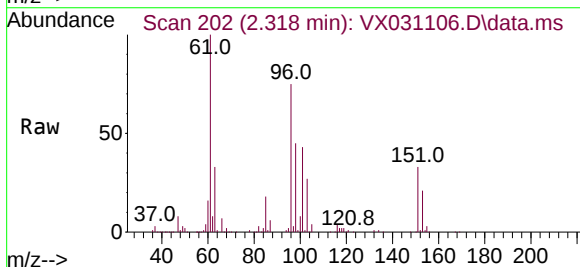
Tgt Ion: 96 Resp: 102045

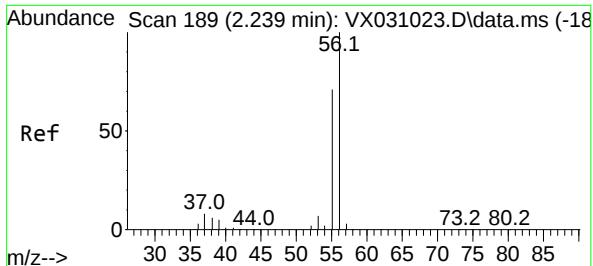
Ion Ratio Lower Upper

96 100

61 133.5 117.4 176.0

98 60.5 52.2 78.4

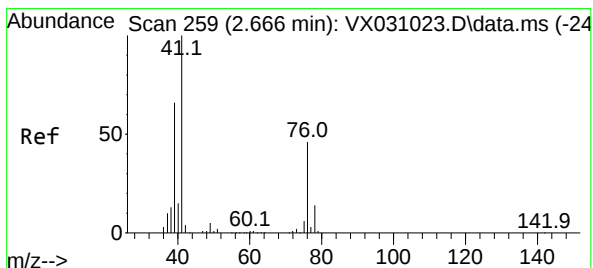
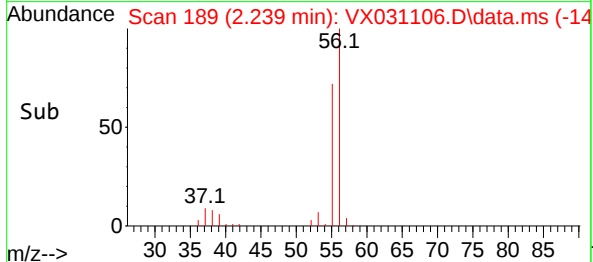
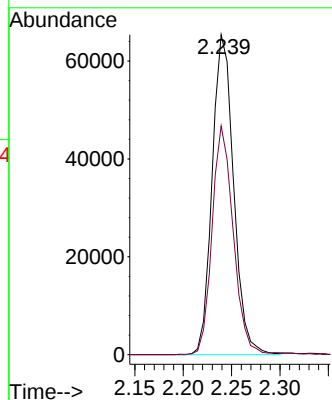
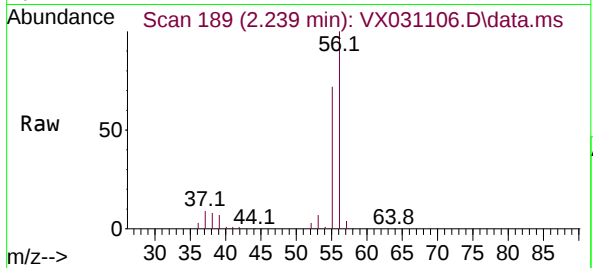




#13  
Acrolein  
Concen: 232.880 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

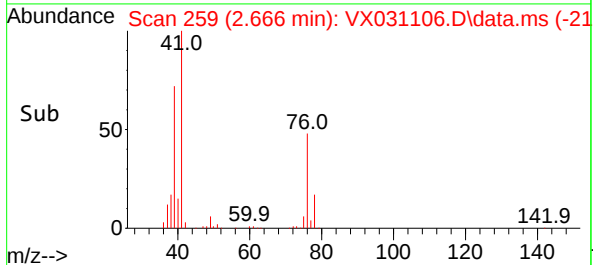
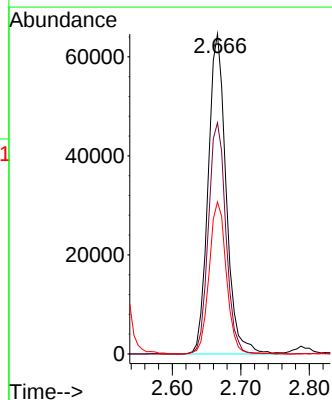
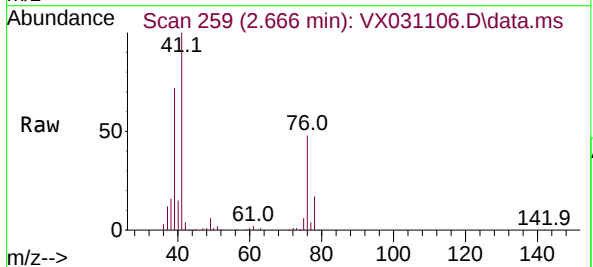
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

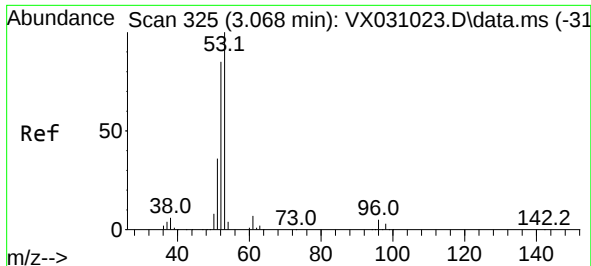
Tgt Ion: 56 Resp: 100509  
Ion Ratio Lower Upper  
56 100  
55 71.2 56.6 84.8



#14  
Allyl chloride  
Concen: 41.778 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 41 Resp: 118151  
Ion Ratio Lower Upper  
41 100  
39 70.1 48.9 73.3  
76 45.4 26.9 40.3#

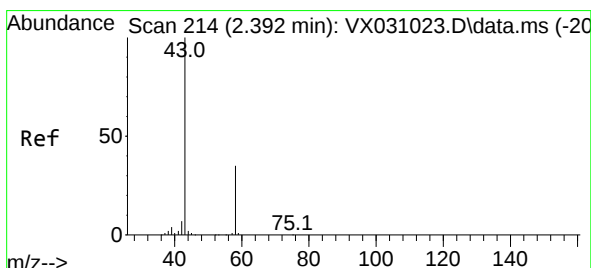
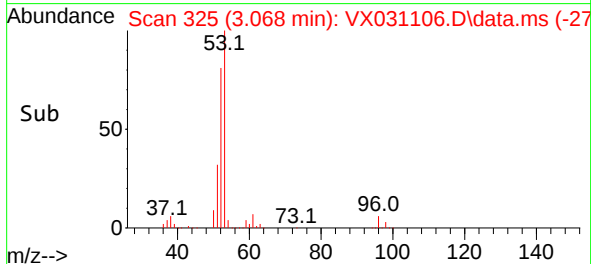
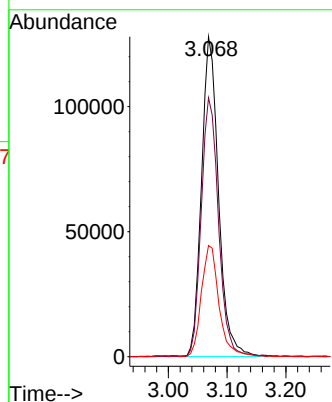
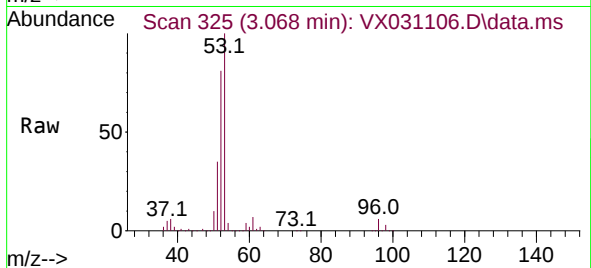




#15  
Acrylonitrile  
Concen: 232.599 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

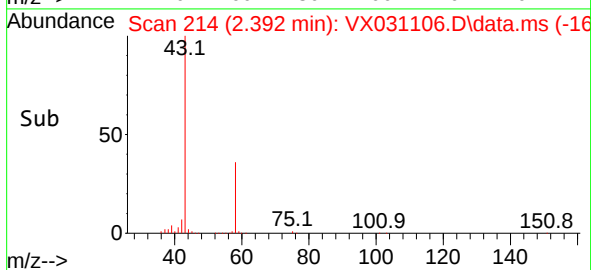
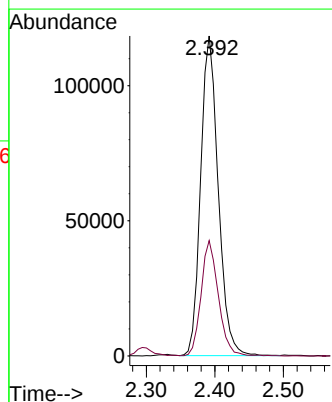
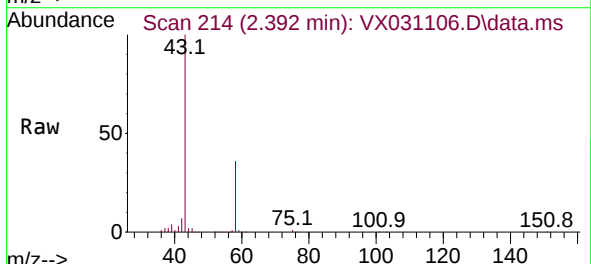
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

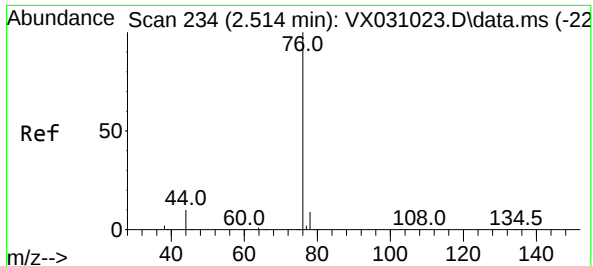
Tgt Ion: 53 Resp: 257203  
Ion Ratio Lower Upper  
53 100  
52 82.1 65.4 98.0  
51 36.0 27.7 41.5



#16  
Acetone  
Concen: 231.761 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 43 Resp: 211020  
Ion Ratio Lower Upper  
43 100  
58 36.0 27.7 41.5

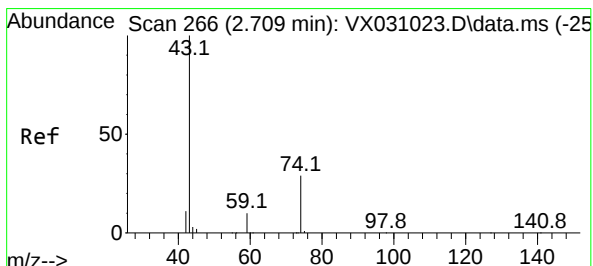
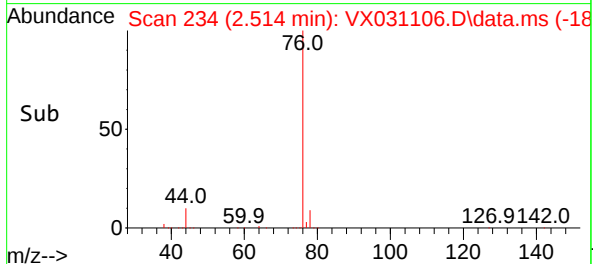
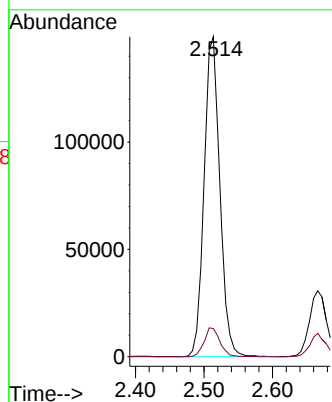
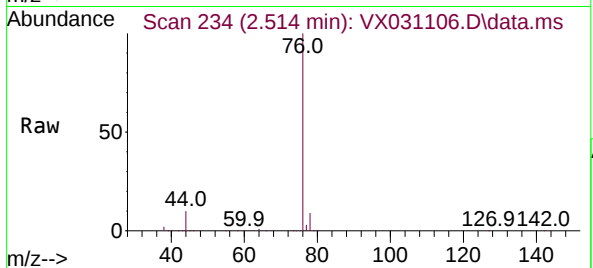




#17  
Carbon Disulfide  
Concen: 43.188 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

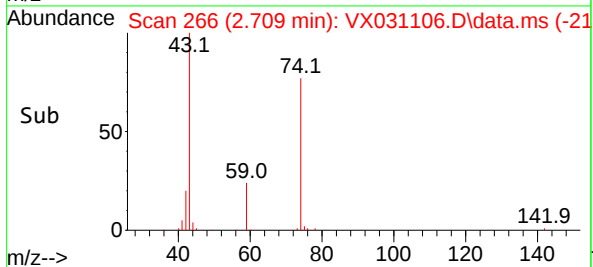
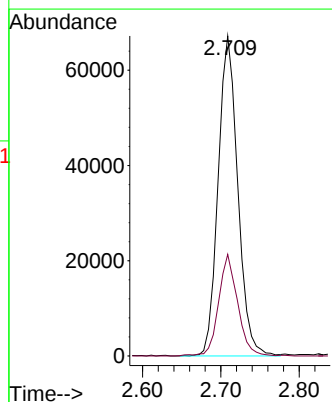
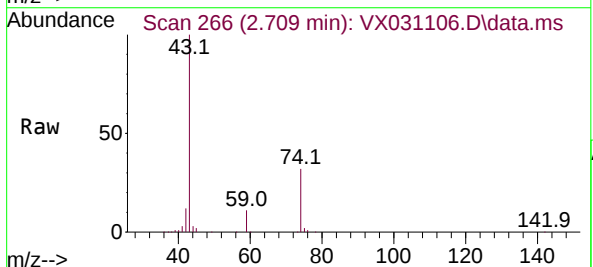
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

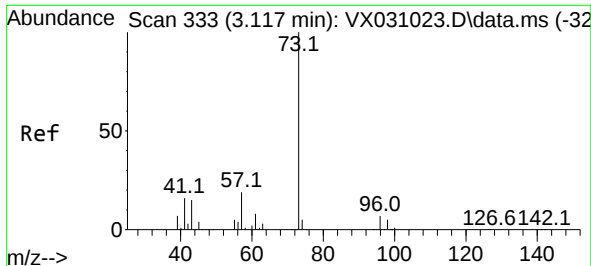
Tgt Ion: 76 Resp: 238838  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.8 11.6



#18  
Methyl Acetate  
Concen: 44.819 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 43 Resp: 117264  
Ion Ratio Lower Upper  
43 100  
74 30.7 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 49.598 ug/l

RT: 3.117 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

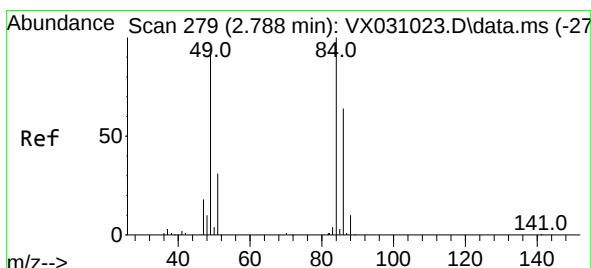
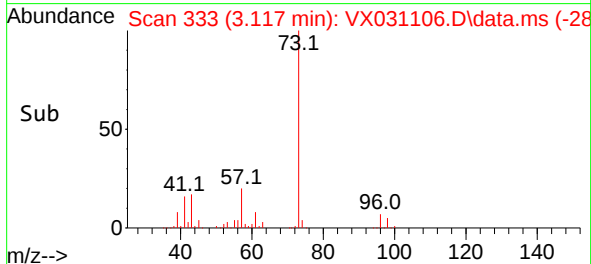
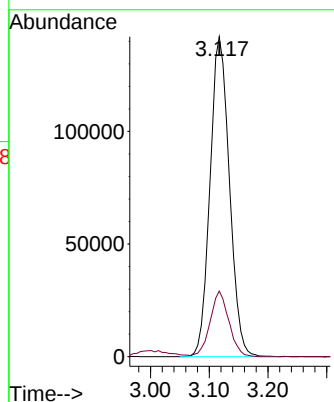
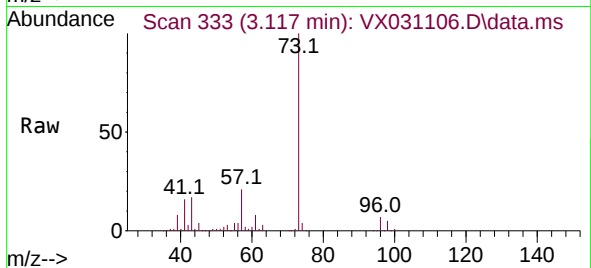
VSTDCCC050

Tgt Ion: 73 Resp: 325260

Ion Ratio Lower Upper

73 100

57 20.5 19.0 28.6



#20

Methylene Chloride

Concen: 50.222 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Tgt Ion: 84 Resp: 111245

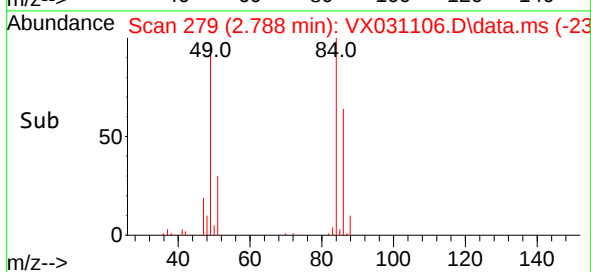
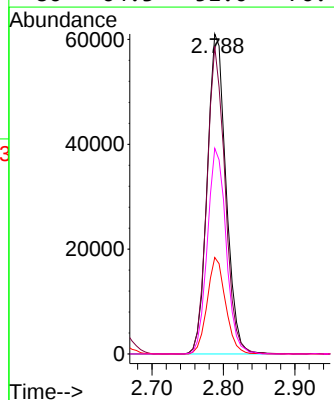
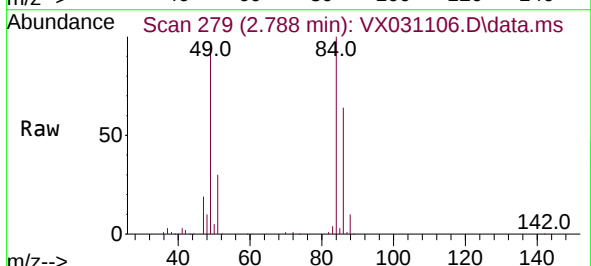
Ion Ratio Lower Upper

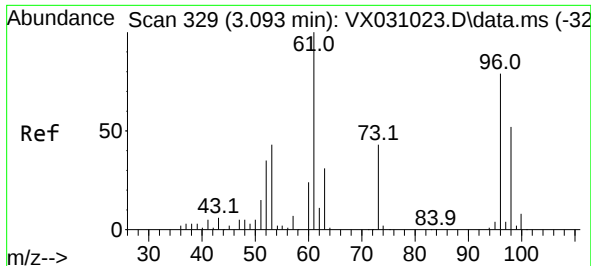
84 100

49 96.1 93.8 140.6

51 30.1 29.4 44.0

86 64.3 51.0 76.4

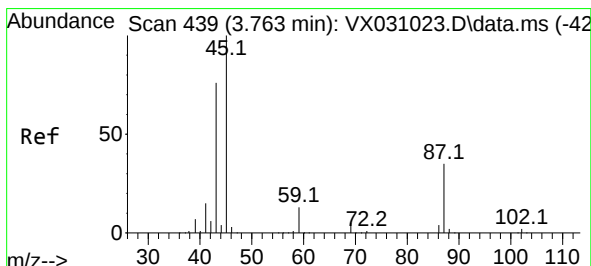
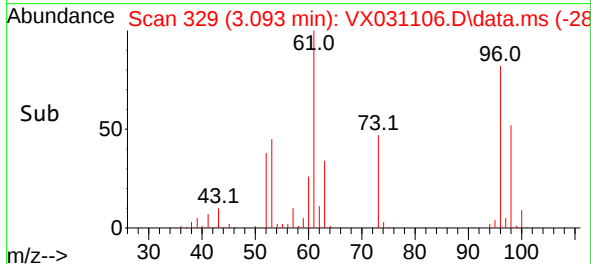
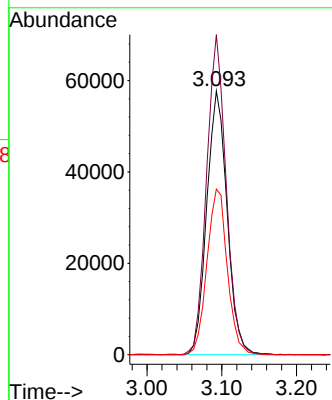
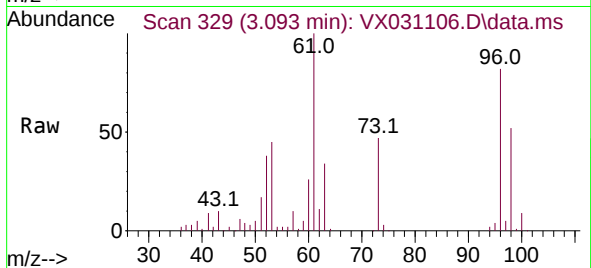




#21  
trans-1,2-Dichloroethene  
Concen: 46.129 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

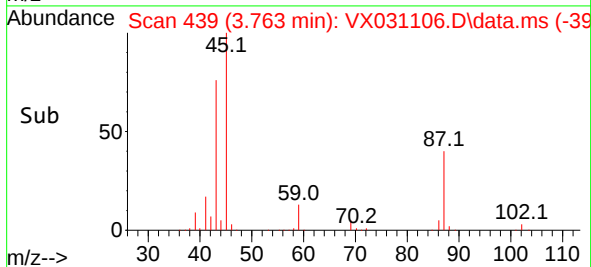
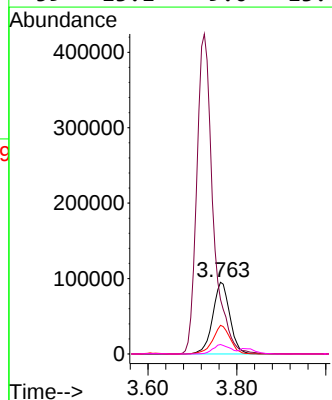
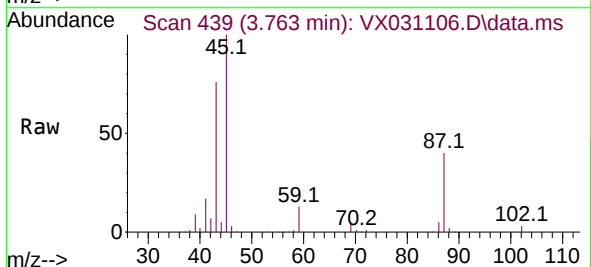
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

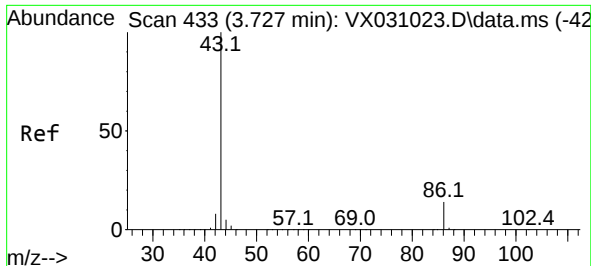
Tgt Ion: 96 Resp: 109306  
Ion Ratio Lower Upper  
96 100  
61 121.4 105.6 158.4  
98 62.8 50.1 75.1



#22  
Diisopropyl ether  
Concen: 44.465 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.007 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 45 Resp: 253376  
Ion Ratio Lower Upper  
45 100  
43 75.7 65.4 98.0  
87 40.1 22.3 33.5#  
59 13.1 9.0 13.4

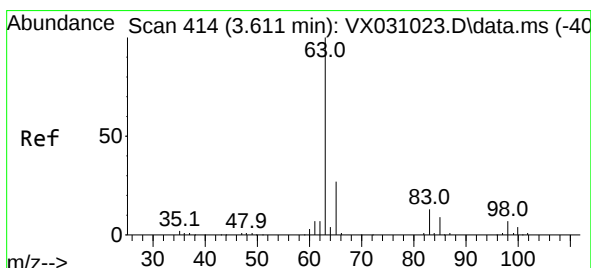
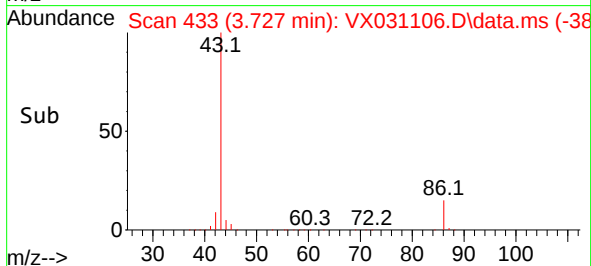
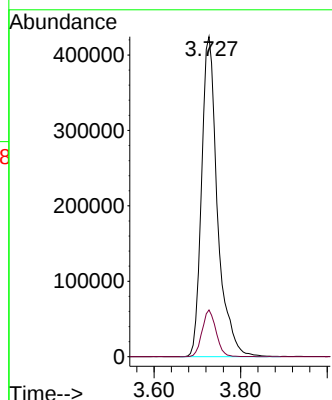
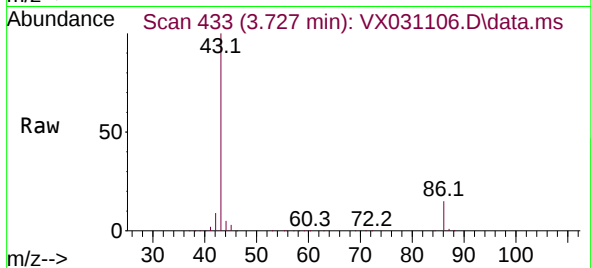




#23  
 Vinyl Acetate  
 Concen: 235.234 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX031106.D  
 Acq: 04 Sep 2022 00:51

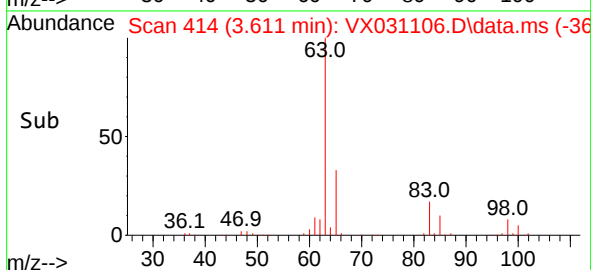
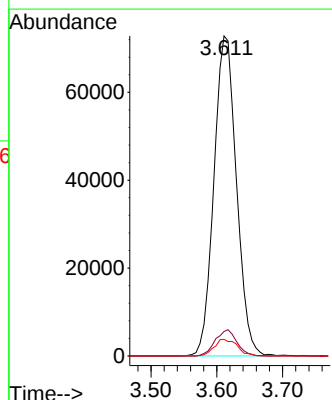
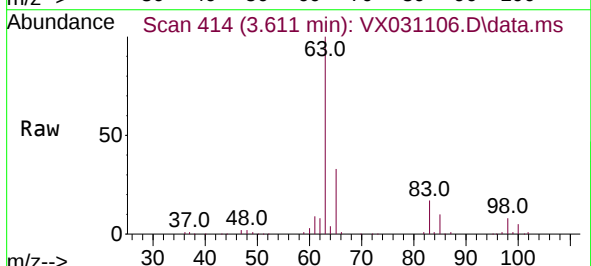
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

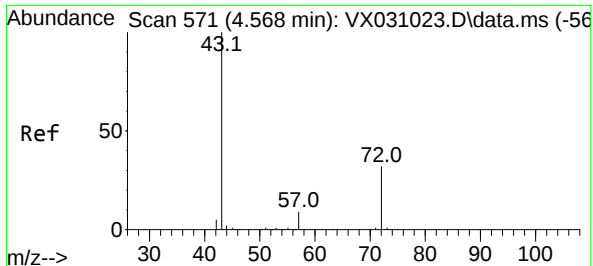
Tgt Ion: 43 Resp: 1082715  
 Ion Ratio Lower Upper  
 43 100  
 86 14.6 8.5 12.7#



#24  
 1,1-Dichloroethane  
 Concen: 45.287 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX031106.D  
 Acq: 04 Sep 2022 00:51

Tgt Ion: 63 Resp: 173890  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.5 10.5  
 100 5.2 2.3 6.9





#25

2-Butanone

Concen: 226.421 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

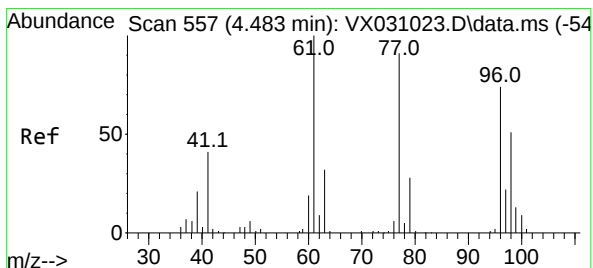
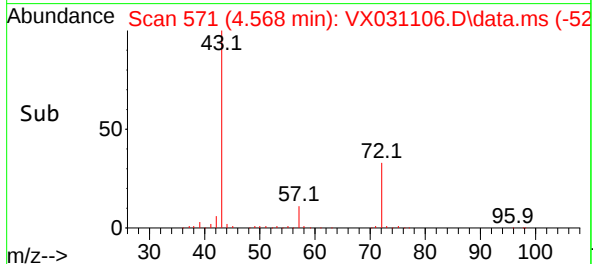
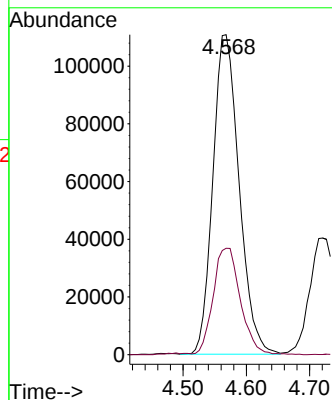
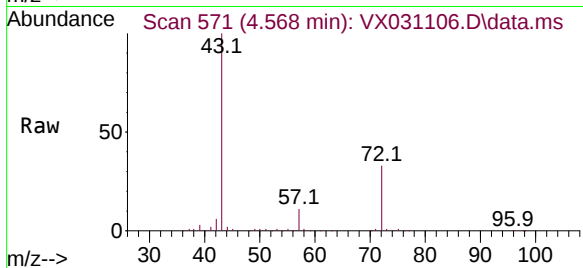
VSTDCCC050

Tgt Ion: 43 Resp: 318269

Ion Ratio Lower Upper

43 100

72 33.1 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 34.449 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX031106.D

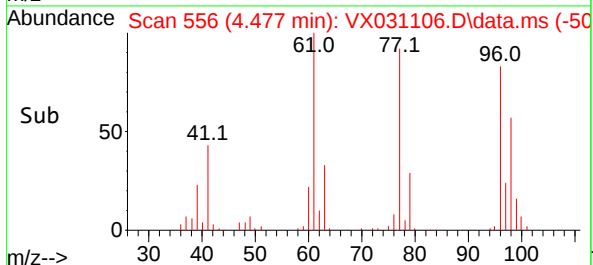
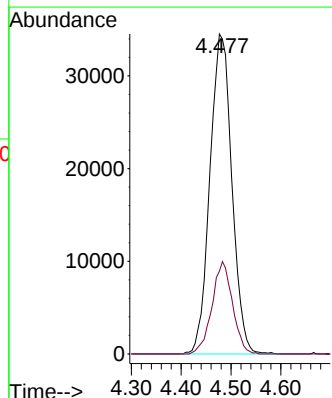
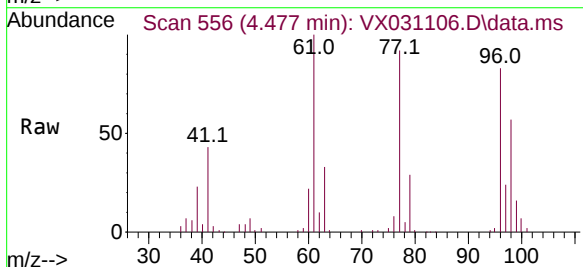
Acq: 04 Sep 2022 00:51

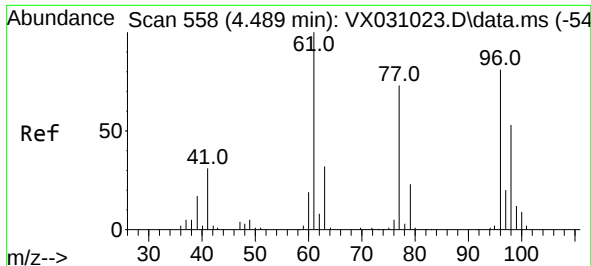
Tgt Ion: 77 Resp: 105554

Ion Ratio Lower Upper

77 100

97 27.0 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 47.997 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

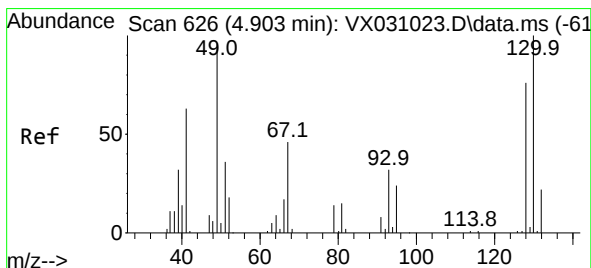
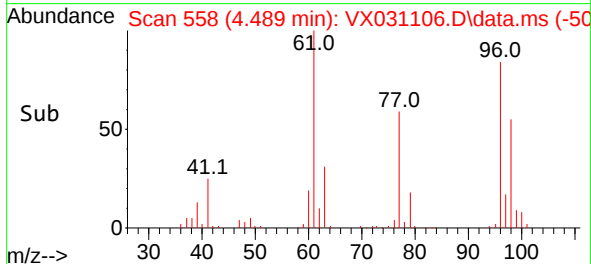
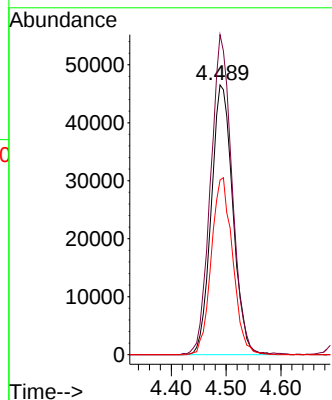
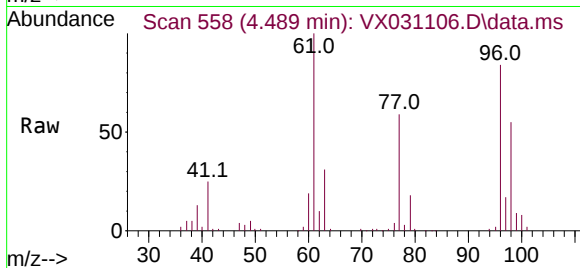
Tgt Ion: 96 Resp: 127466

Ion Ratio Lower Upper

96 100

61 117.3 0.0 270.0

98 64.6 0.0 127.8



#28

Bromochloromethane

Concen: 42.828 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.001 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

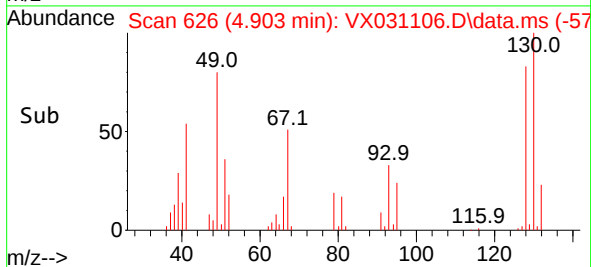
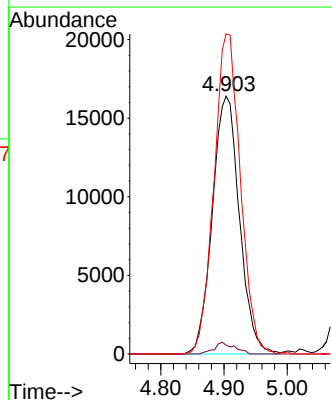
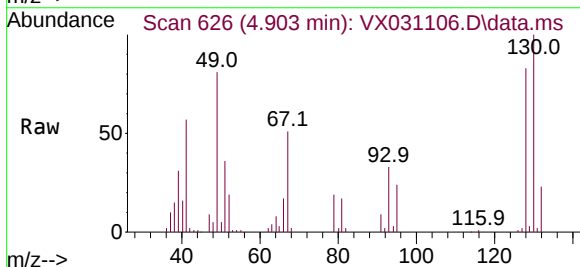
Tgt Ion: 49 Resp: 48721

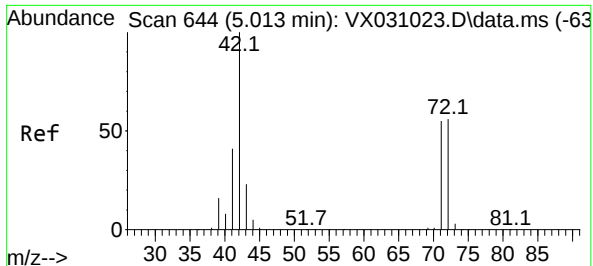
Ion Ratio Lower Upper

49 100

129 3.3 0.0 4.4

130 121.1 62.8 94.2#





#29

Tetrahydrofuran

Concen: 215.241 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

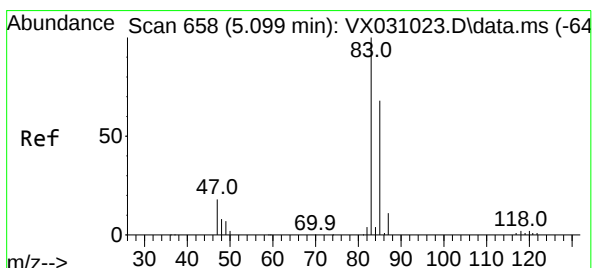
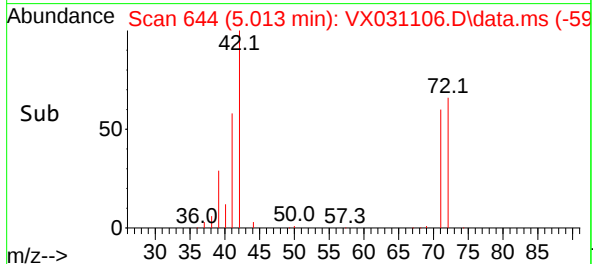
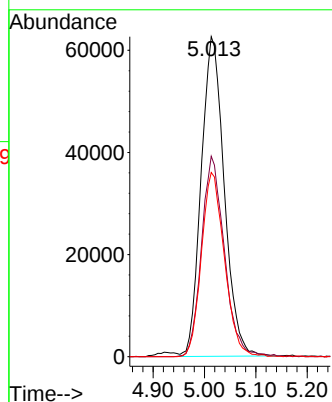
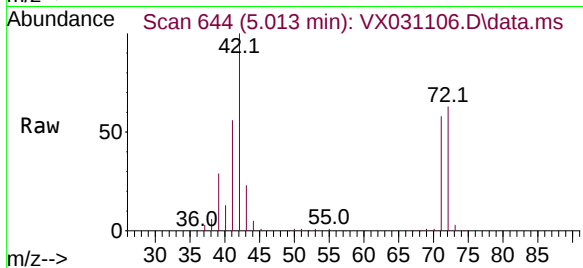
Tgt Ion: 42 Resp: 195054

Ion Ratio Lower Upper

42 100

72 62.2 36.5 54.7#

71 57.5 33.9 50.9#



#30

Chloroform

Concen: 48.892 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.001 min

Lab File: VX031106.D

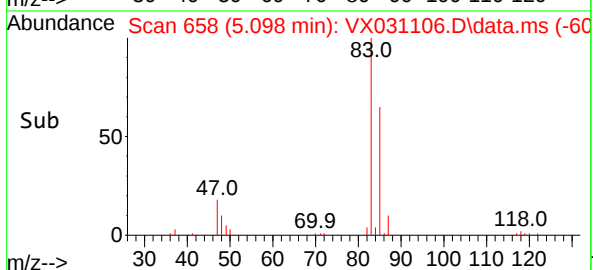
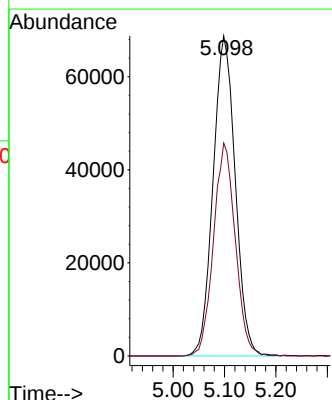
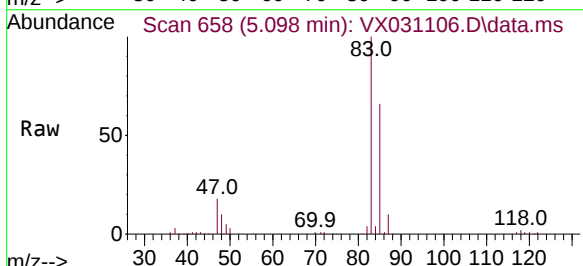
Acq: 04 Sep 2022 00:51

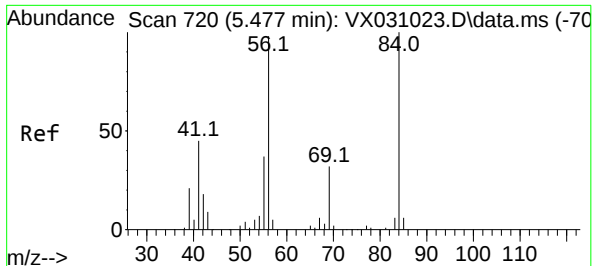
Tgt Ion: 83 Resp: 205870

Ion Ratio Lower Upper

83 100

85 66.5 51.5 77.3

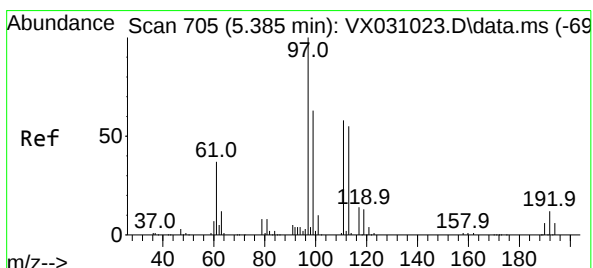
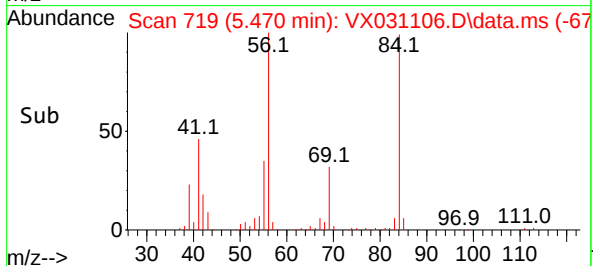
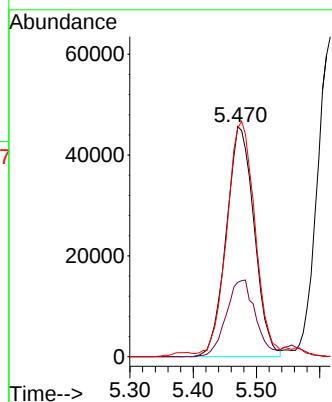
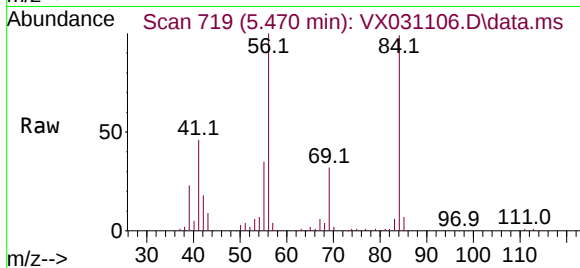




#31  
Cyclohexane  
Concen: 43.401 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.007 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

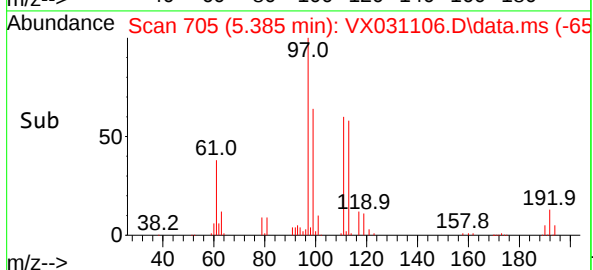
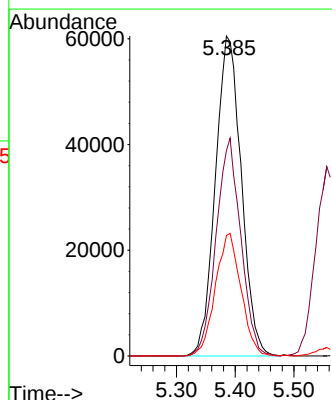
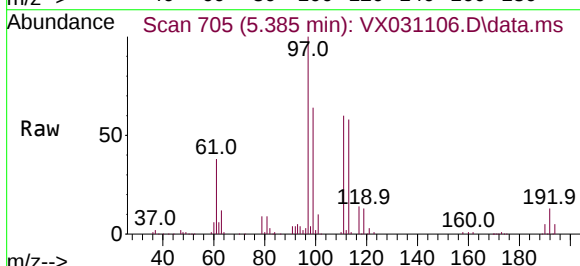
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

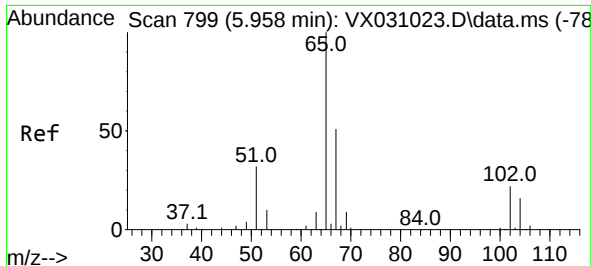
Tgt Ion: 56 Resp: 139831  
Ion Ratio Lower Upper  
56 100  
69 32.3 25.4 38.0  
84 97.6 68.9 103.3



#32  
1,1,1-Trichloroethane  
Concen: 51.453 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 97 Resp: 185720  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.4 77.0  
61 37.7 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 47.939 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

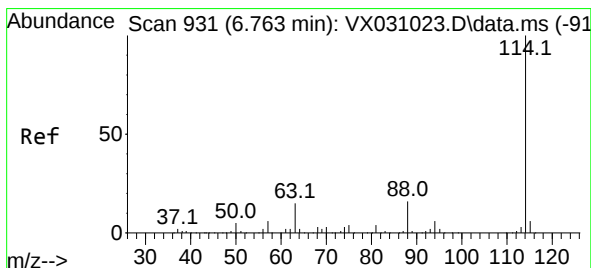
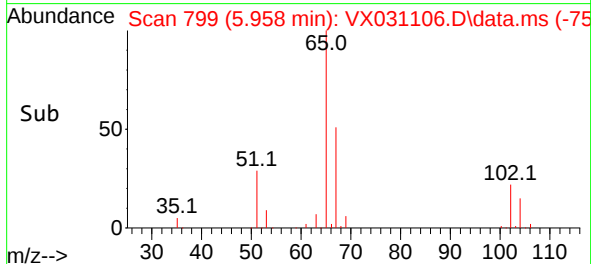
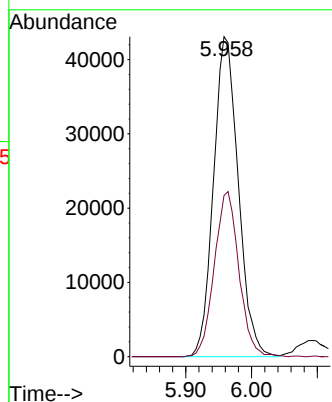
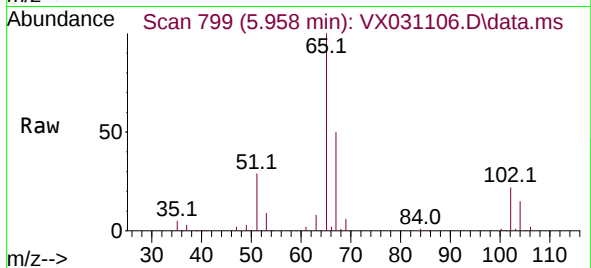
VSTDCCC050

Tgt Ion: 65 Resp: 113065

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

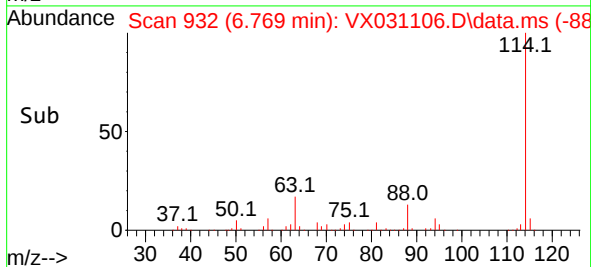
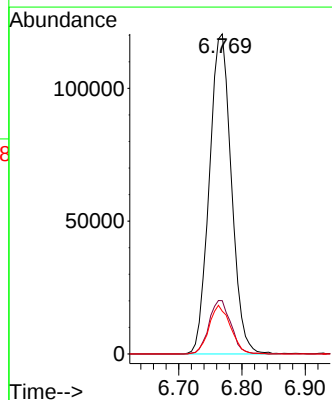
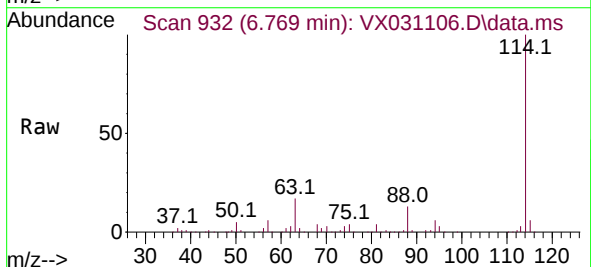
Tgt Ion: 114 Resp: 291301

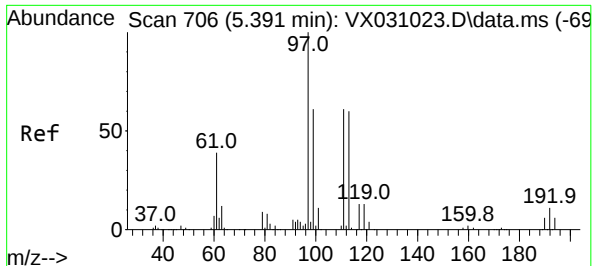
Ion Ratio Lower Upper

114 100

63 16.6 0.0 38.4

88 13.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.825 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

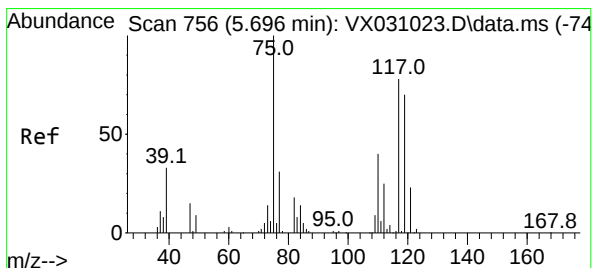
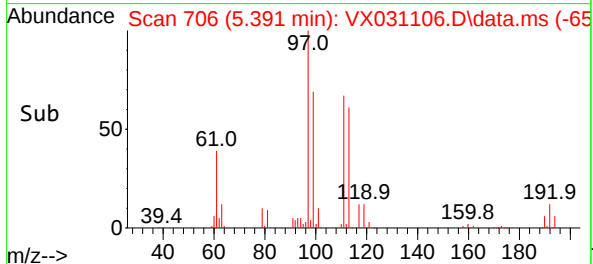
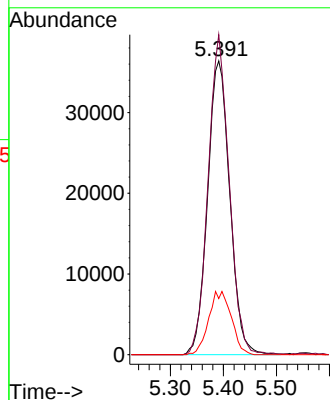
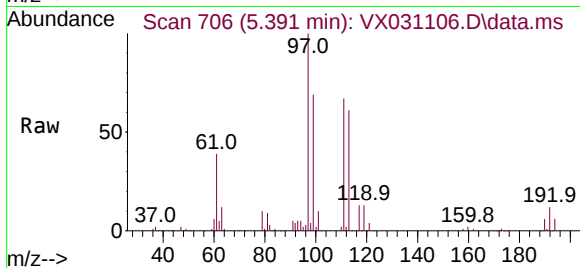
Tgt Ion:113 Resp: 105919

Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

192 22.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 47.058 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

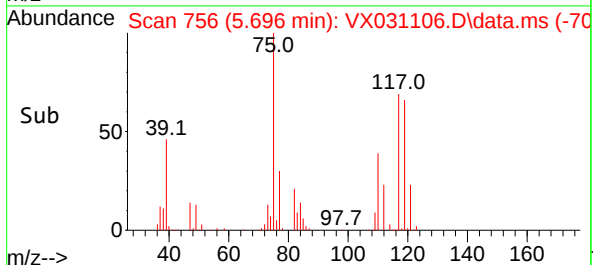
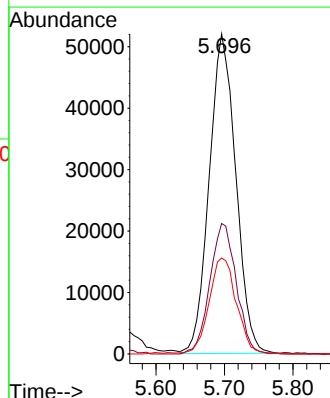
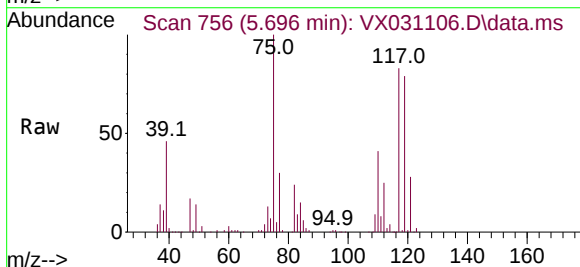
Tgt Ion: 75 Resp: 140121

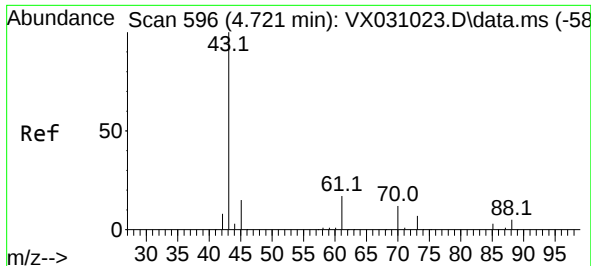
Ion Ratio Lower Upper

75 100

110 40.6 19.3 57.9

77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 47.453 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.001 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

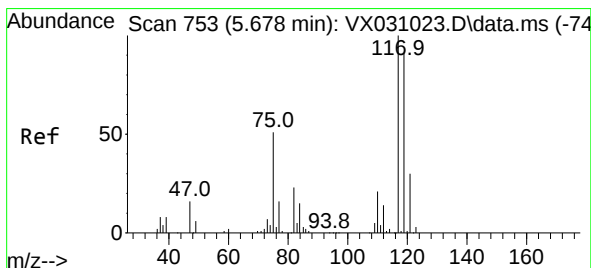
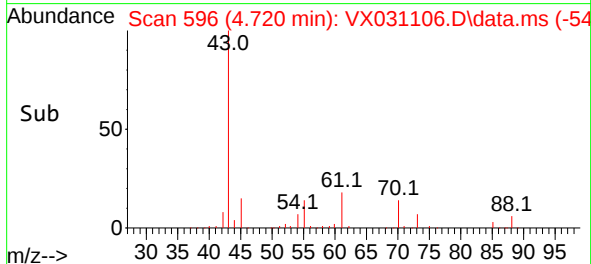
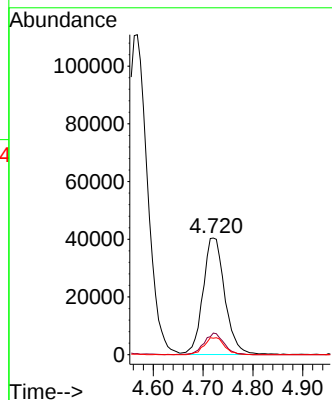
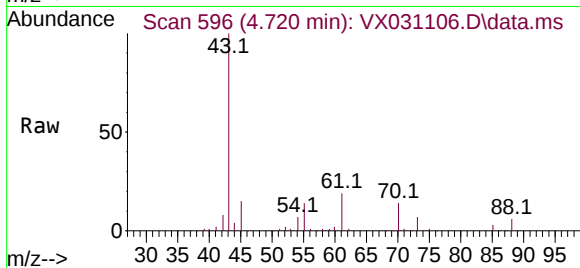
Tgt Ion: 43 Resp: 122768

Ion Ratio Lower Upper

43 100

61 17.0 11.7 17.5

70 13.7 9.3 13.9



#38

Carbon Tetrachloride

Concen: 52.920 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

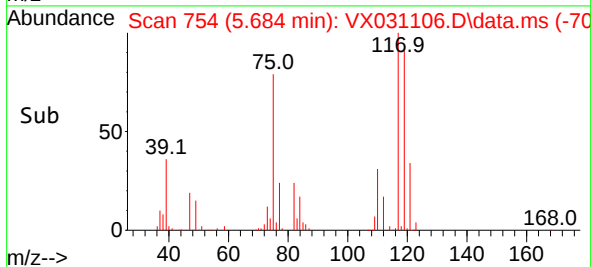
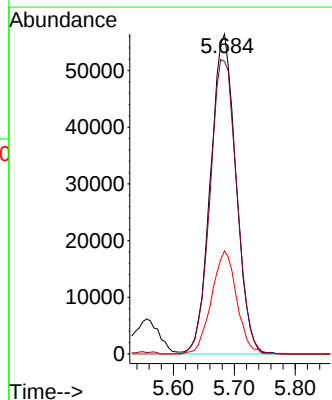
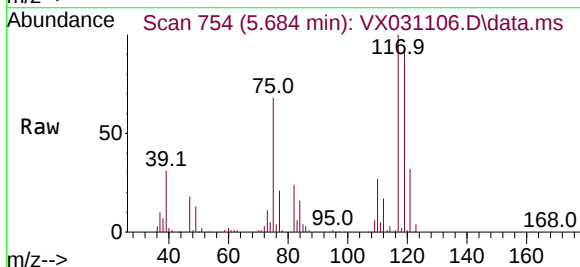
Tgt Ion: 117 Resp: 163567

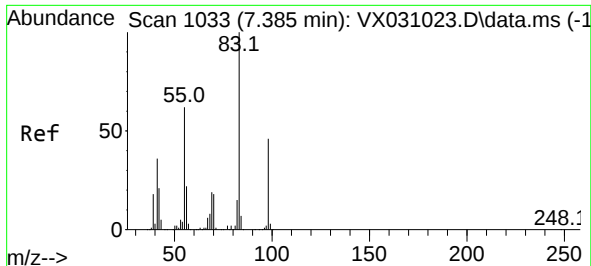
Ion Ratio Lower Upper

117 100

119 91.4 74.1 111.1

121 32.2 25.8 38.8

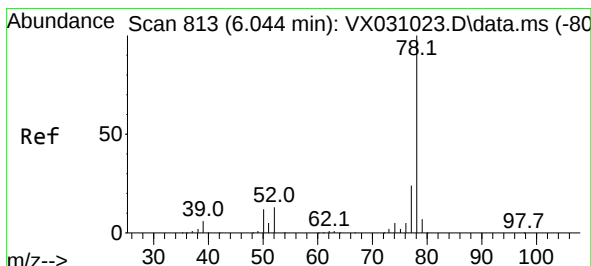
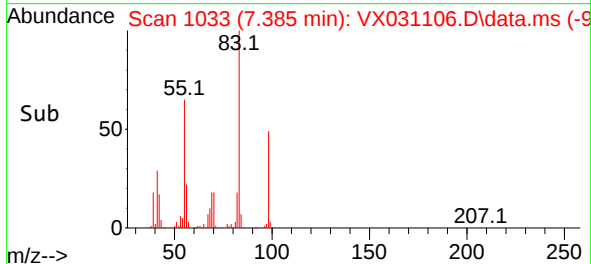
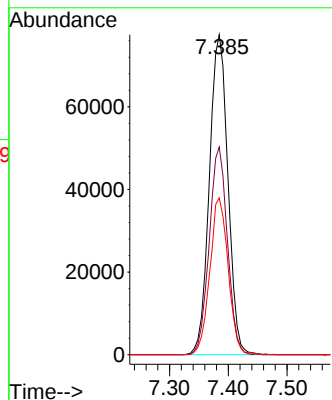
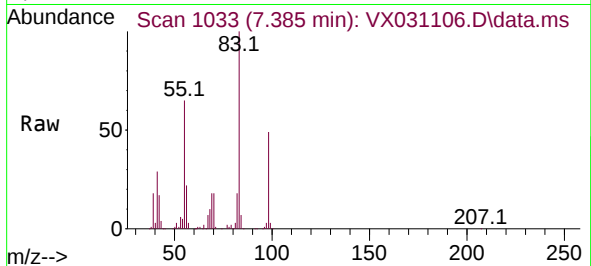




#39  
Methylcyclohexane  
Concen: 45.963 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

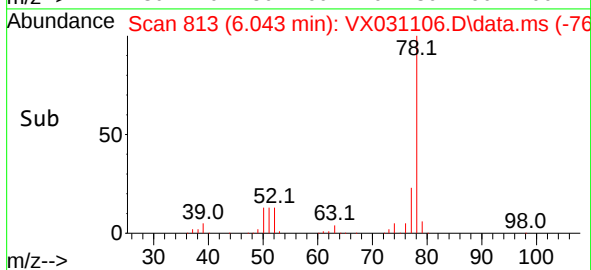
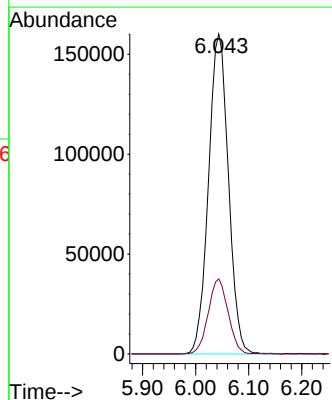
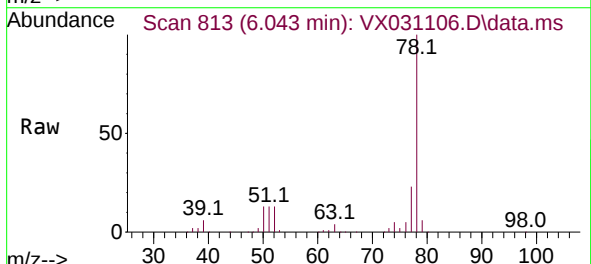
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

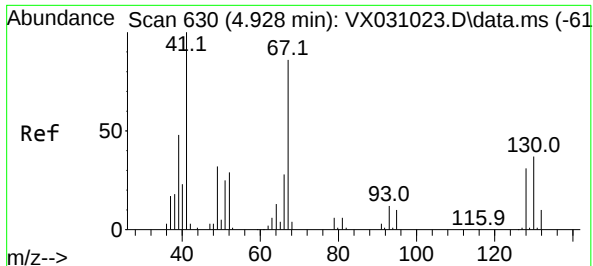
Tgt Ion: 83 Resp: 169618  
Ion Ratio Lower Upper  
83 100  
55 64.9 57.7 86.5  
98 49.0 36.5 54.7



#40  
Benzene  
Concen: 48.874 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. -0.001 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 78 Resp: 417821  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.0 27.0

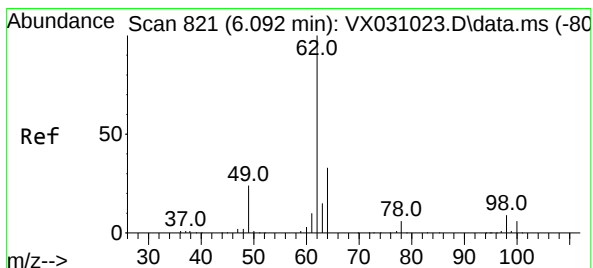
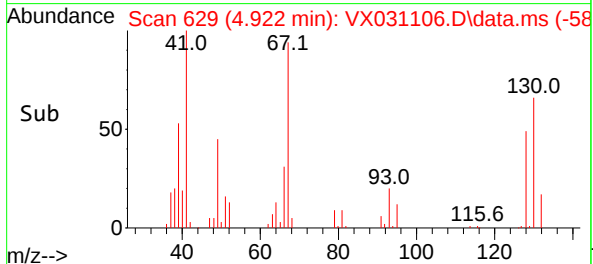
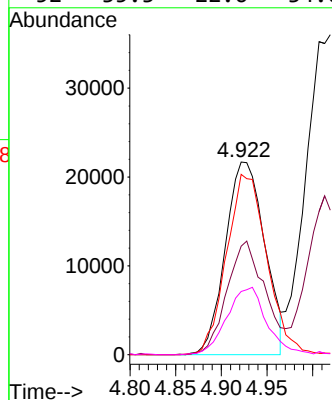
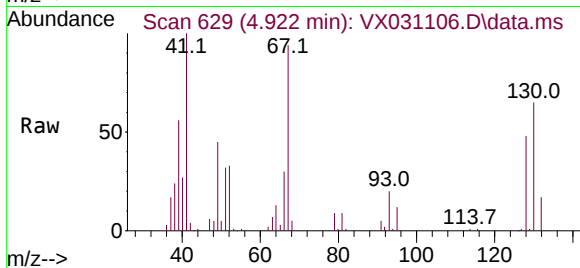




#41  
Methacrylonitrile  
Concen: 47.045 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

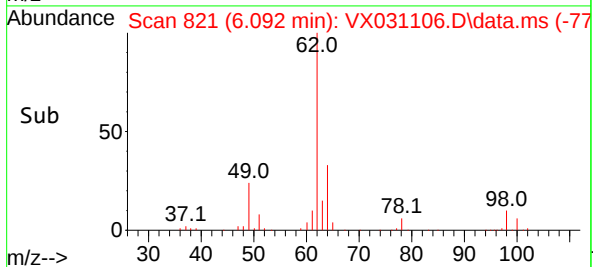
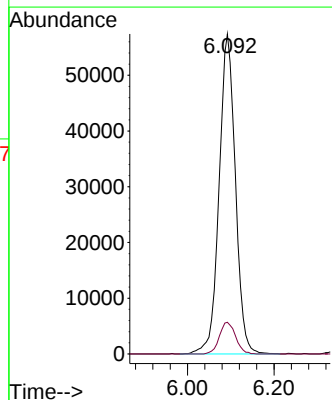
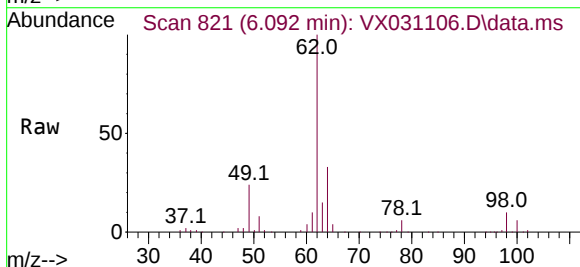
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

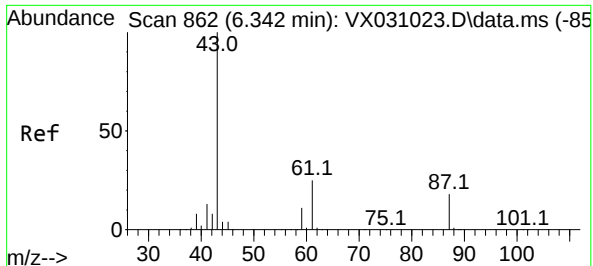
Tgt Ion: 41 Resp: 64891  
Ion Ratio Lower Upper  
41 100  
39 57.7 42.9 64.3  
67 96.5 60.1 90.1#  
52 35.3 22.6 34.0#



#42  
1,2-Dichloroethane  
Concen: 53.249 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 62 Resp: 150164  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 20.2

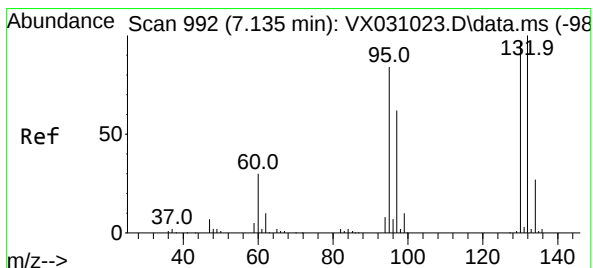
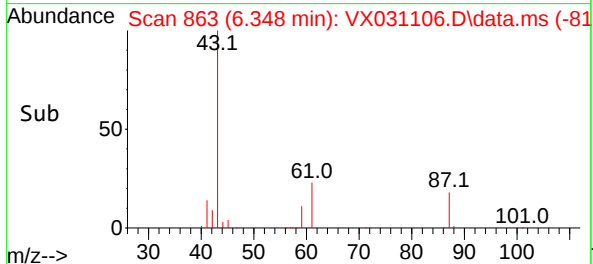
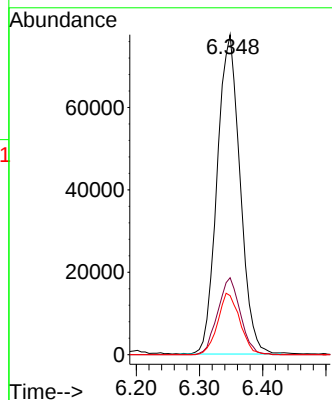
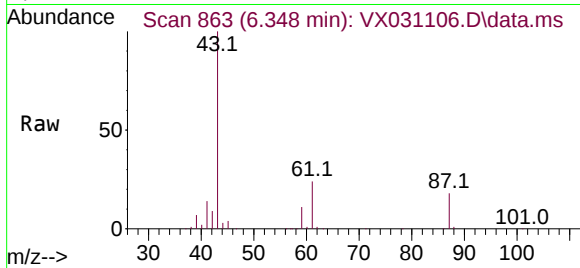




#43  
Isopropyl Acetate  
Concen: 48.168 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

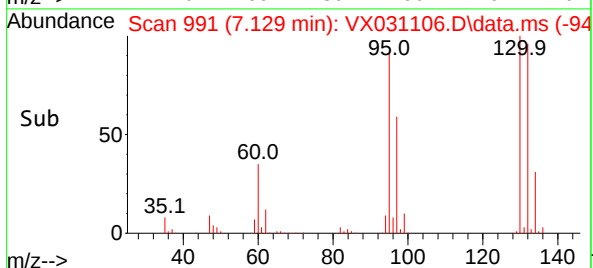
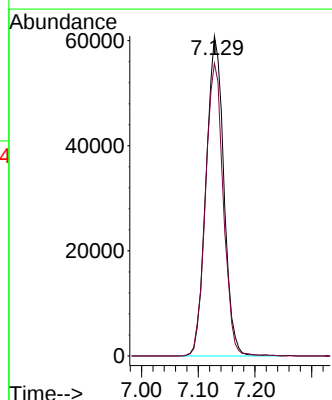
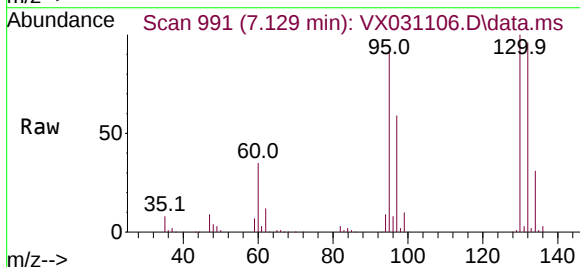
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

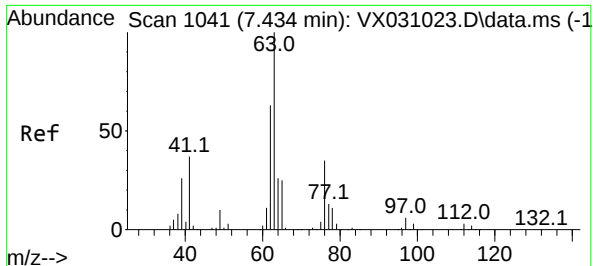
Tgt Ion: 43 Resp: 194762  
Ion Ratio Lower Upper  
43 100  
61 23.8 16.5 24.7  
87 18.6 11.1 16.7#



#44  
Trichloroethene  
Concen: 48.795 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 130 Resp: 132035  
Ion Ratio Lower Upper  
130 100  
95 91.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 45.174 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.007 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

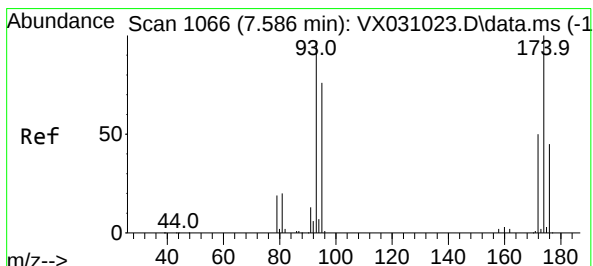
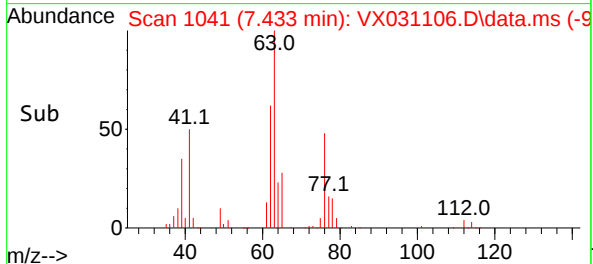
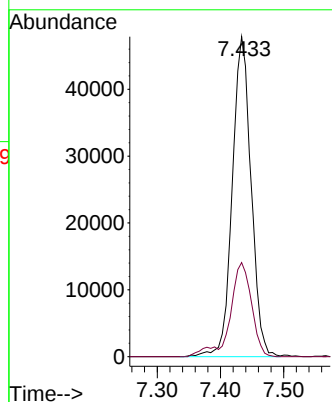
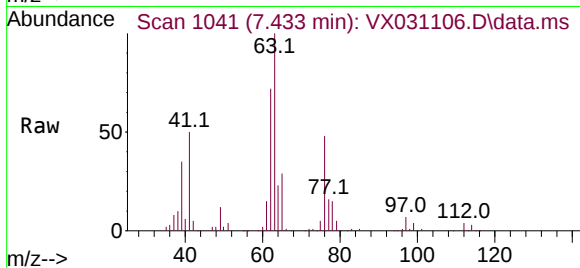
VSTDCCC050

Tgt Ion: 63 Resp: 98989

Ion Ratio Lower Upper

63 100

65 29.4 25.2 37.8



#46

Dibromomethane

Concen: 49.997 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

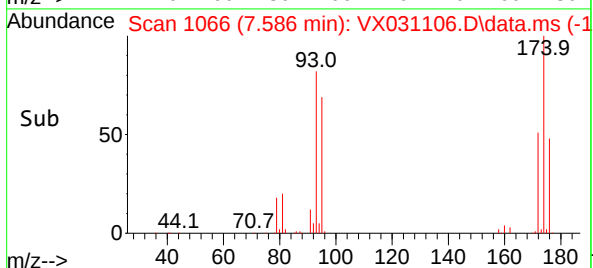
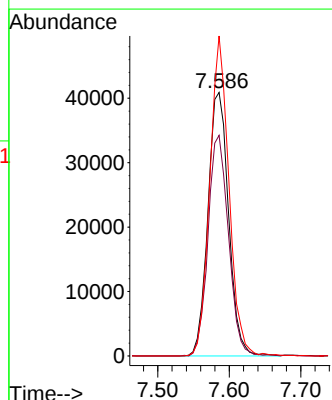
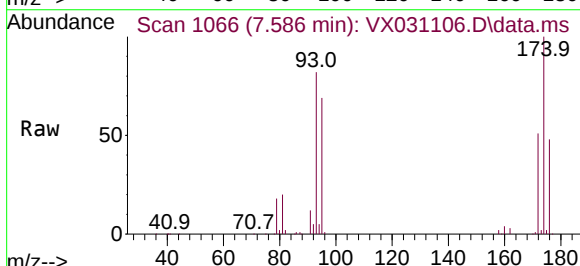
Tgt Ion: 93 Resp: 81999

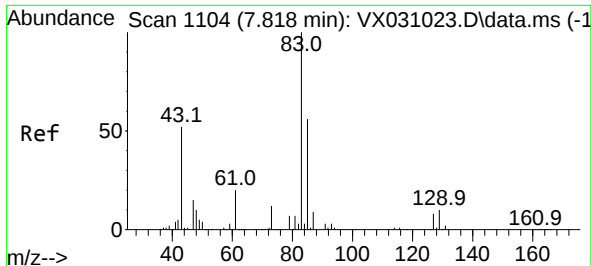
Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

174 112.7 75.6 113.4





#47

Bromodichloromethane

Concen: 50.892 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

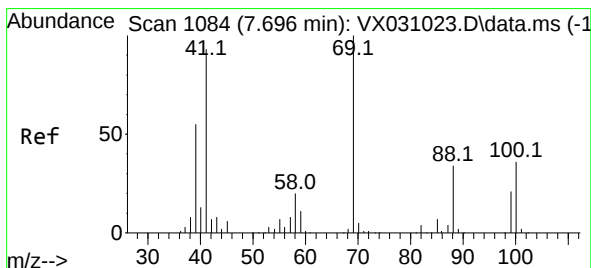
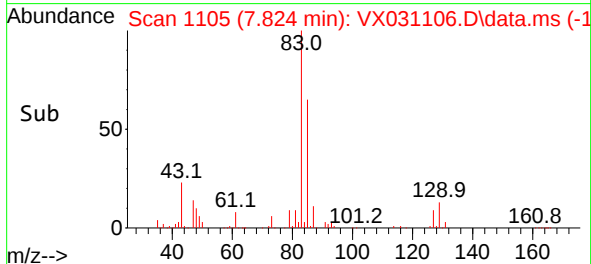
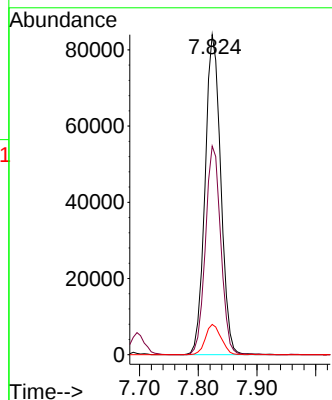
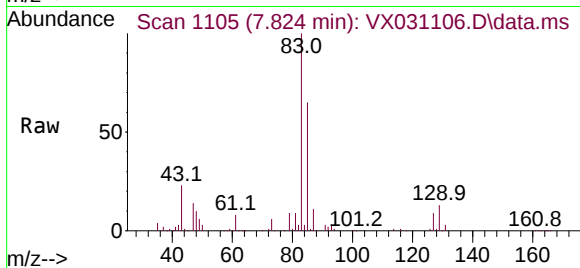
Tgt Ion: 83 Resp: 155936

Ion Ratio Lower Upper

83 100

85 65.2 53.5 80.3

127 9.4 6.6 10.0



#48

Methyl methacrylate

Concen: 47.435 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

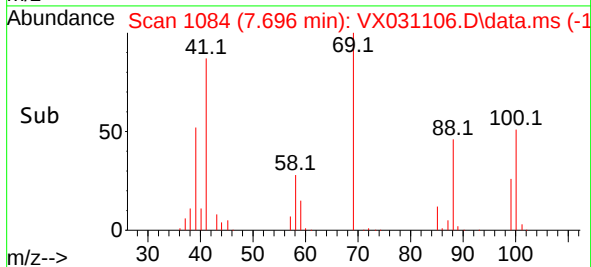
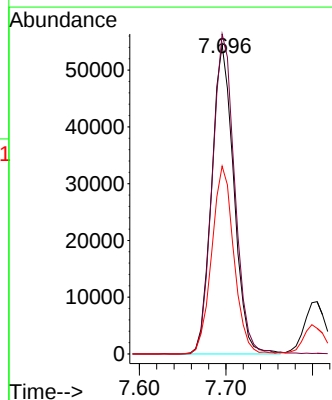
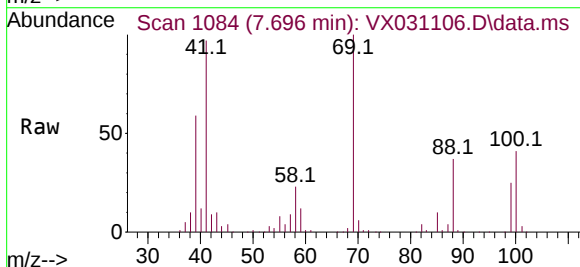
Tgt Ion: 41 Resp: 96830

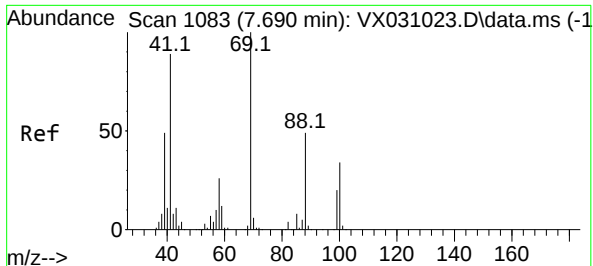
Ion Ratio Lower Upper

41 100

69 104.9 68.8 103.2#

39 60.4 44.6 66.8





#49

1,4-Dioxane

Concen: 982.511 ug/l

RT: 7.689 min Scan# 1083

Delta R.T. 0.012 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

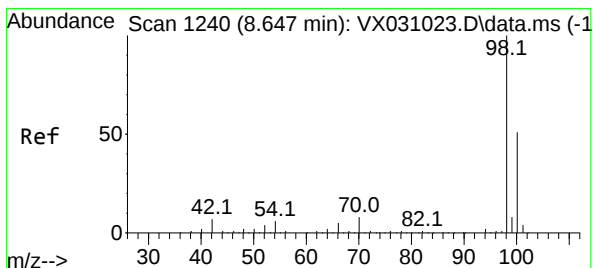
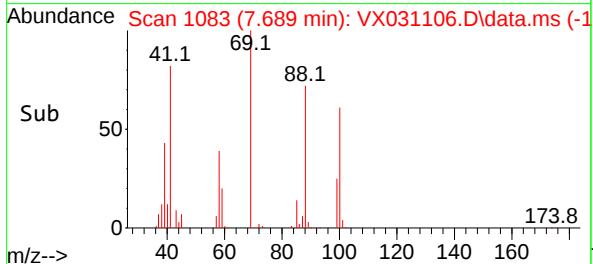
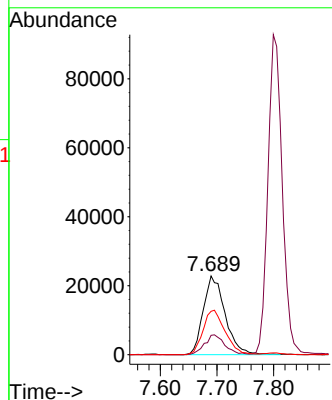
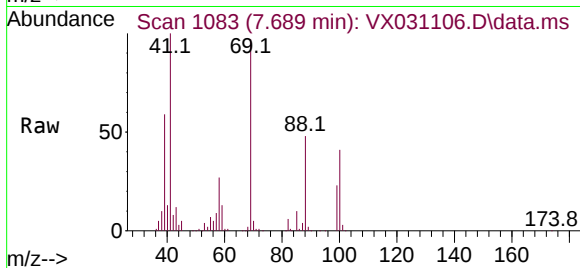
Tgt Ion: 88 Resp: 61003

Ion Ratio Lower Upper

88 100

43 23.5 23.8 35.8#

58 57.2 53.8 80.6



#50

Toluene-d8

Concen: 47.753 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031106.D

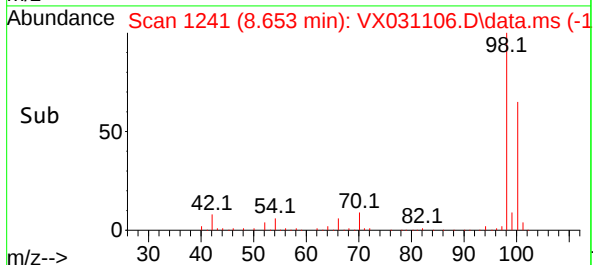
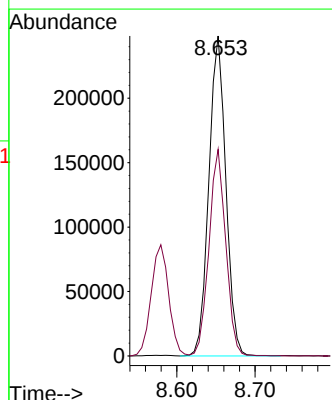
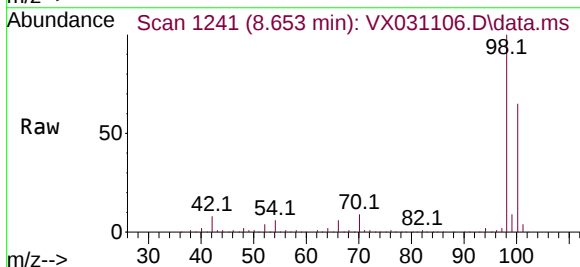
Acq: 04 Sep 2022 00:51

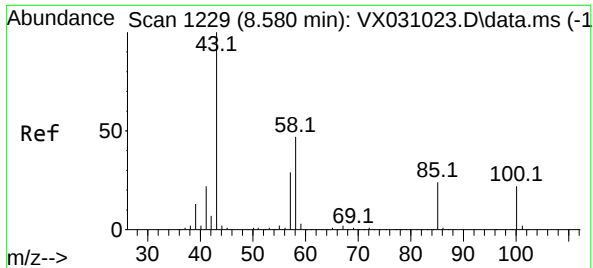
Tgt Ion: 98 Resp: 373606

Ion Ratio Lower Upper

98 100

100 63.6 52.3 78.5

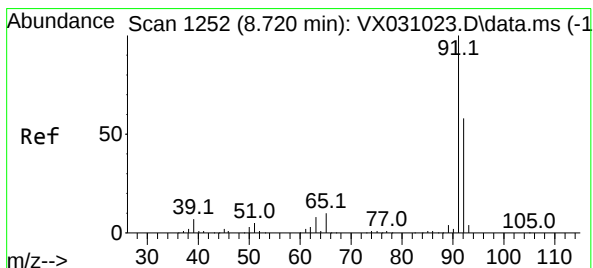
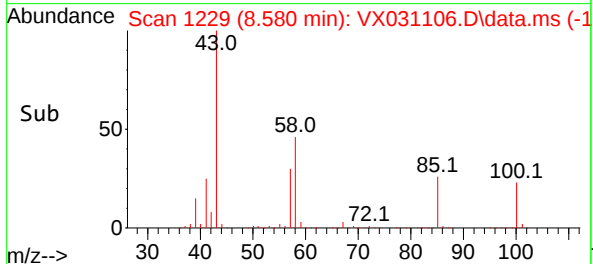
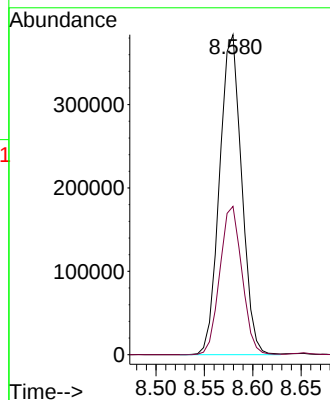
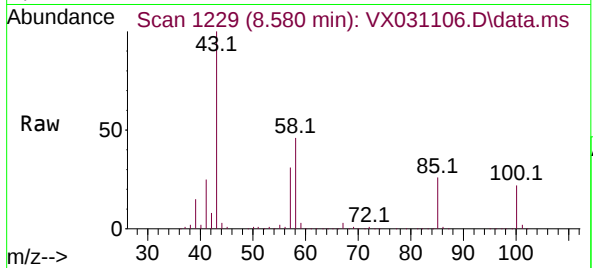




#51  
4-Methyl-2-Pentanone  
Concen: 234.415 ug/l  
RT: 8.580 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

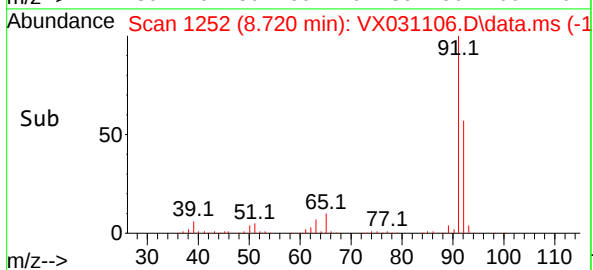
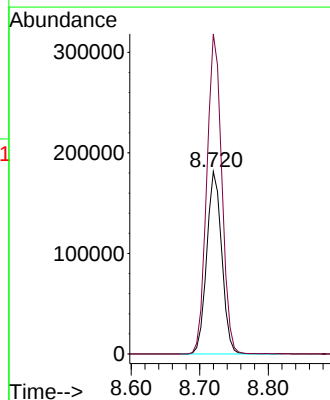
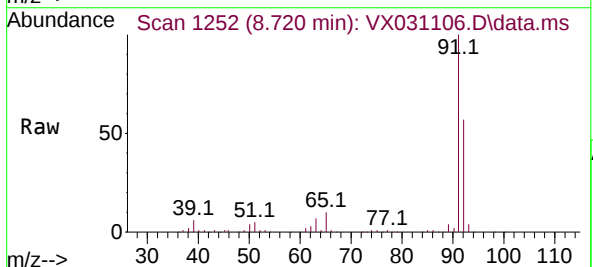
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

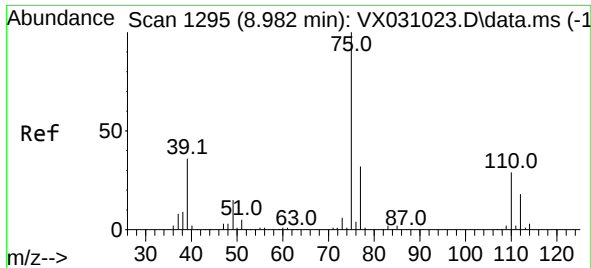
Tgt Ion: 43 Resp: 609321  
Ion Ratio Lower Upper  
43 100  
58 46.4 31.4 47.2



#52  
Toluene  
Concen: 49.925 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 92 Resp: 276791  
Ion Ratio Lower Upper  
92 100  
91 175.3 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 50.979 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

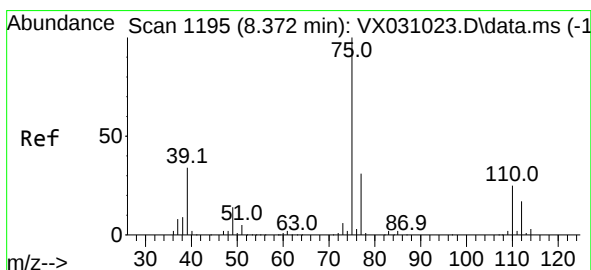
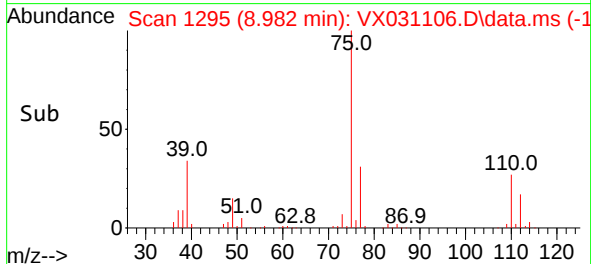
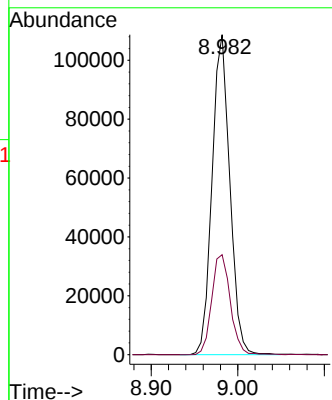
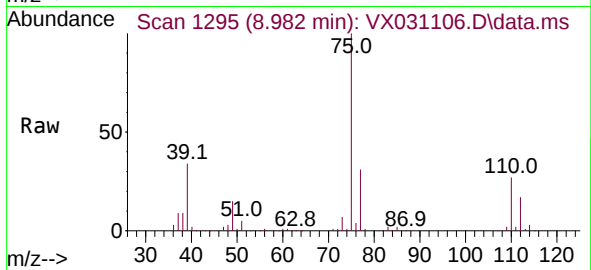
VSTDCCC050

Tgt Ion: 75 Resp: 154666

Ion Ratio Lower Upper

75 100

77 31.3 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 53.562 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

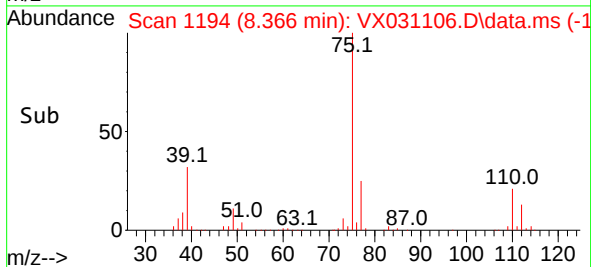
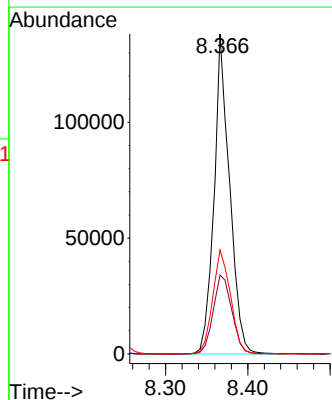
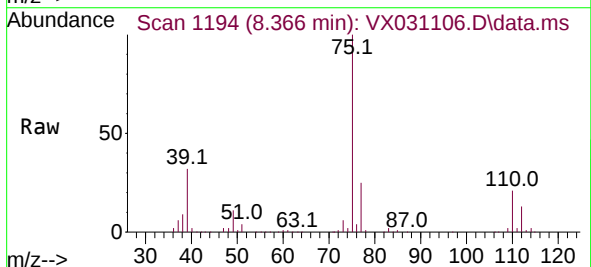
Tgt Ion: 75 Resp: 181703

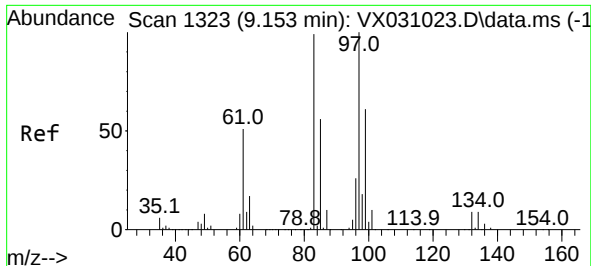
Ion Ratio Lower Upper

75 100

77 24.7 25.0 37.4#

39 32.4 37.5 56.3#





#55

1,1,2-Trichloroethane

Concen: 51.197 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 120670

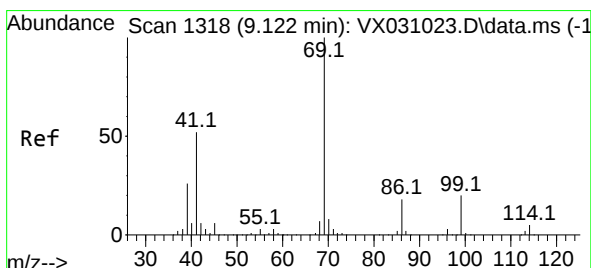
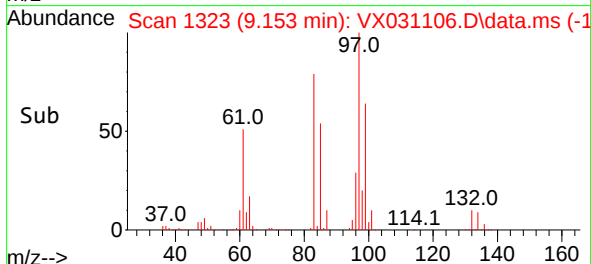
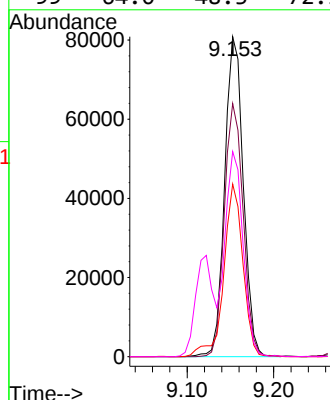
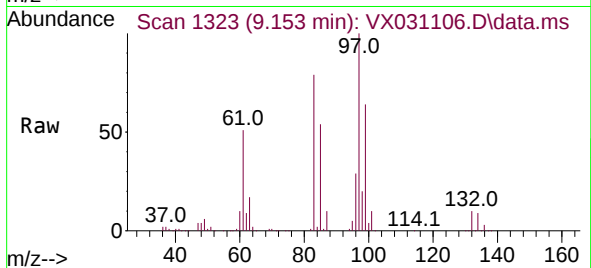
Ion Ratio Lower Upper

97 100

83 79.1 68.9 103.3

85 54.0 44.0 66.0

99 64.0 48.3 72.5



#56

Ethyl methacrylate

Concen: 52.391 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

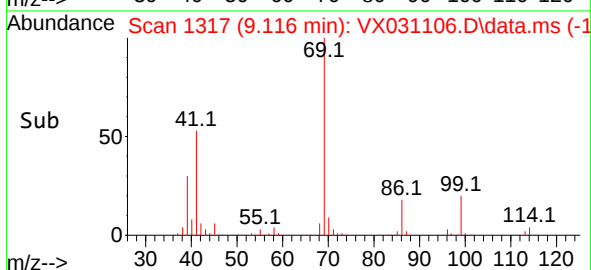
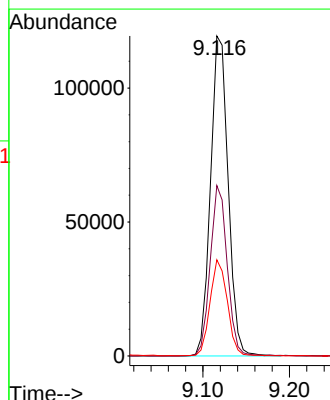
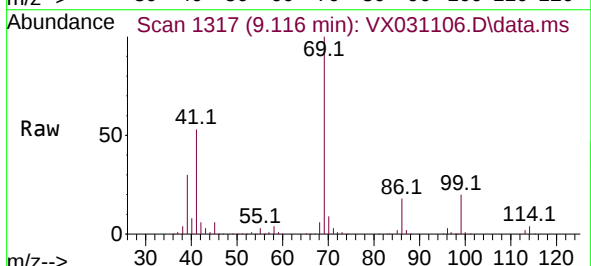
Tgt Ion: 69 Resp: 168810

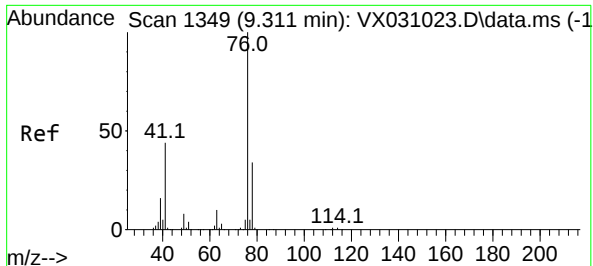
Ion Ratio Lower Upper

69 100

41 51.5 52.3 78.5#

39 29.4 28.2 42.4





#57

1,3-Dichloropropane

Concen: 48.715 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

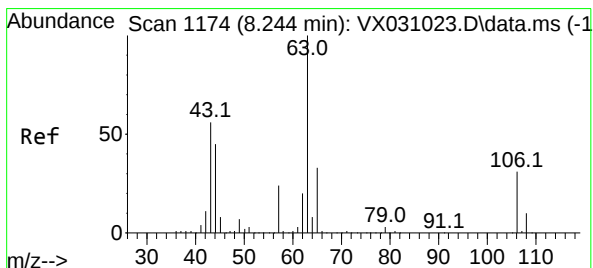
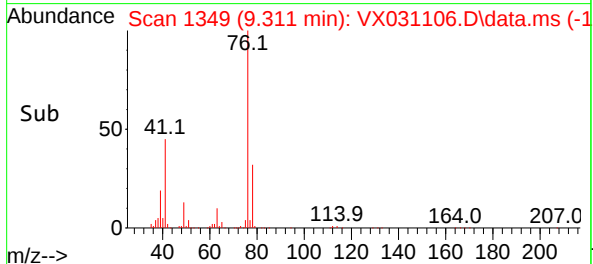
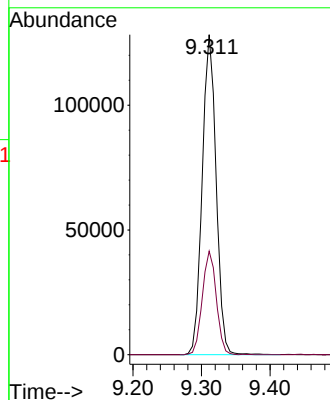
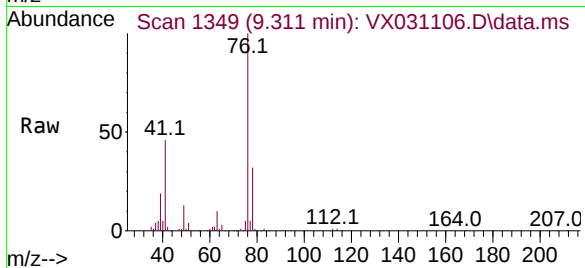
VSTDCCC050

Tgt Ion: 76 Resp: 181547

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 235.770 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.013 min

Lab File: VX031106.D

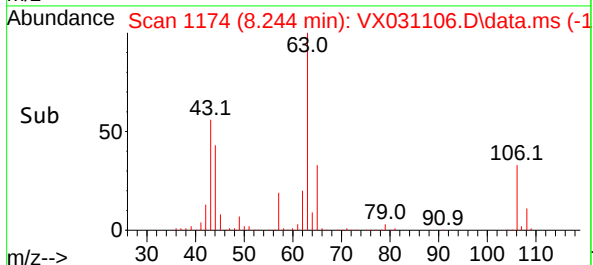
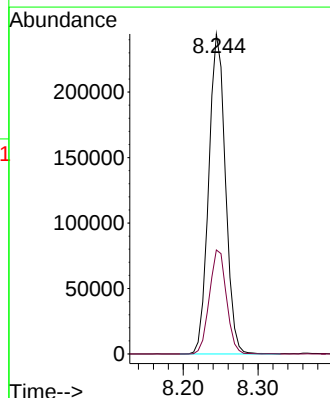
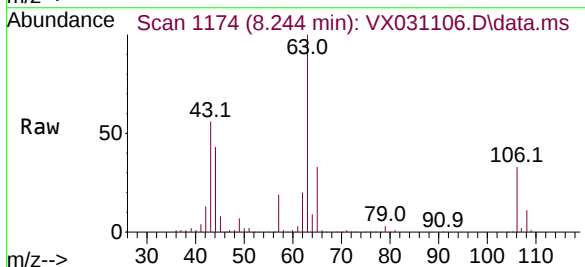
Acq: 04 Sep 2022 00:51

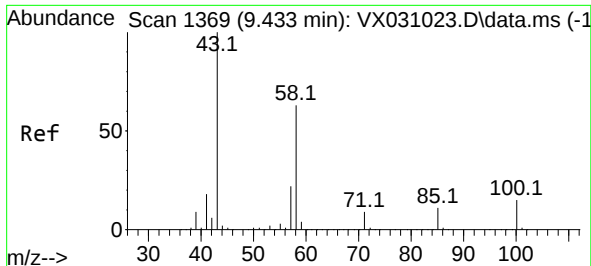
Tgt Ion: 63 Resp: 379353

Ion Ratio Lower Upper

63 100

106 33.2 22.2 33.2





#59

2-Hexanone

Concen: 235.157 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

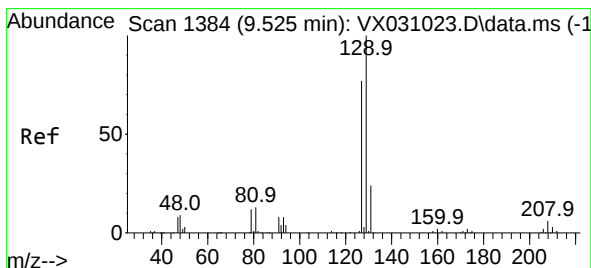
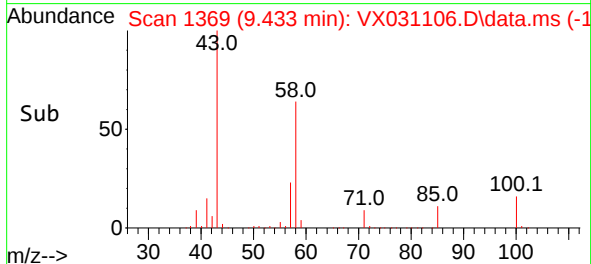
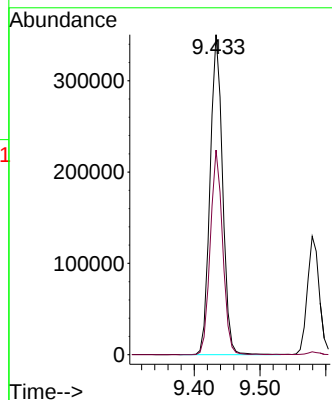
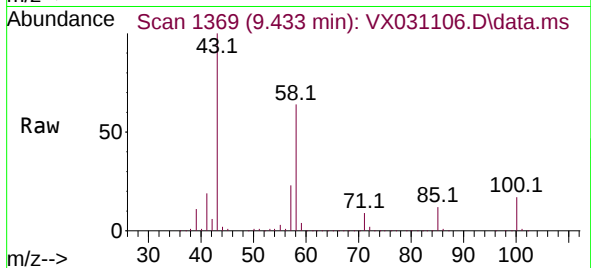
VSTDCCC050

Tgt Ion: 43 Resp: 462239

Ion Ratio Lower Upper

43 100

58 63.3 27.6 82.8



#60

Dibromochloromethane

Concen: 54.933 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.001 min

Lab File: VX031106.D

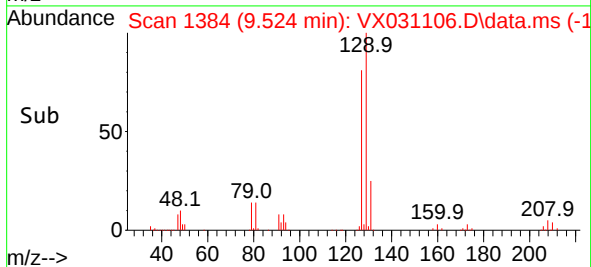
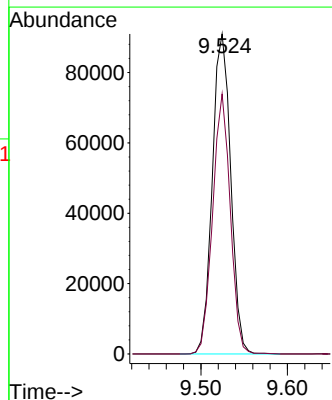
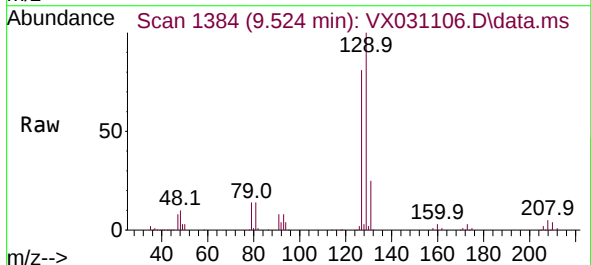
Acq: 04 Sep 2022 00:51

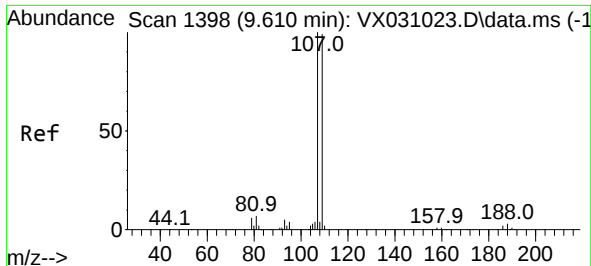
Tgt Ion:129 Resp: 134440

Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.5

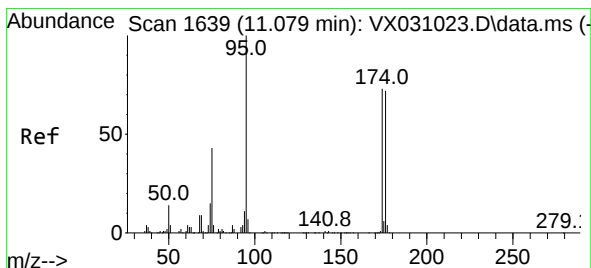
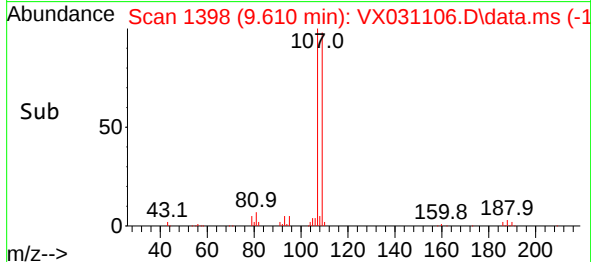
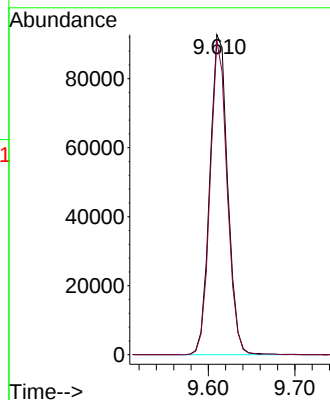
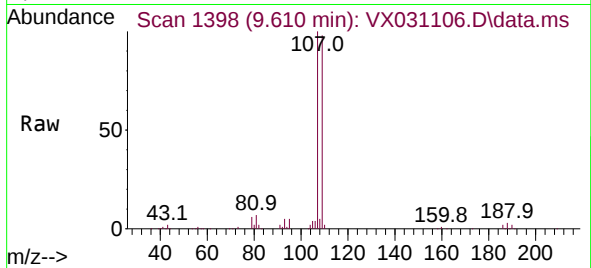




#61  
1,2-Dibromoethane  
Concen: 53.306 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

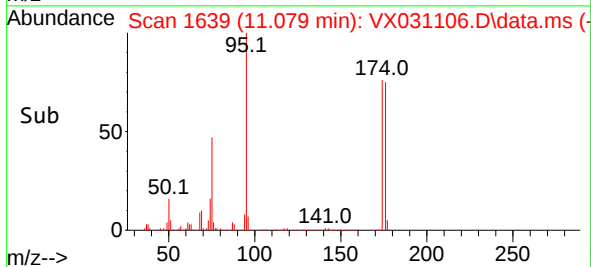
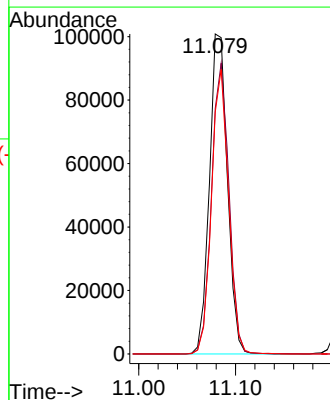
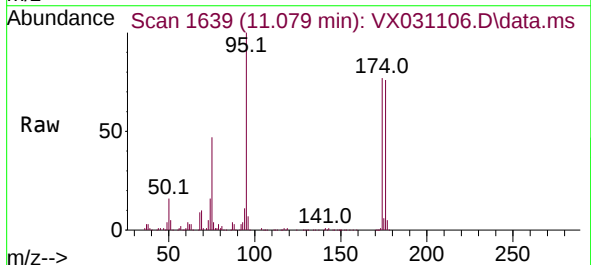
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

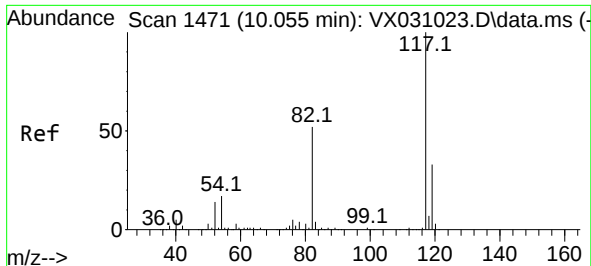
Tgt Ion:107 Resp: 132640  
Ion Ratio Lower Upper  
107 100  
109 94.2 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 47.332 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 95 Resp: 130794  
Ion Ratio Lower Upper  
95 100  
174 88.0 0.0 149.0  
176 84.5 0.0 146.0

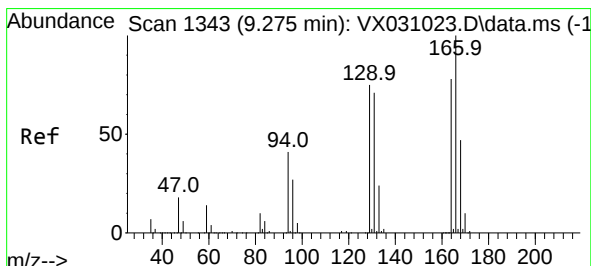
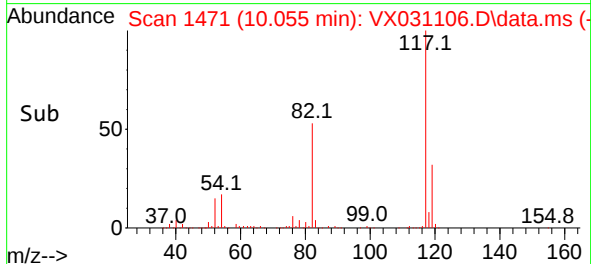
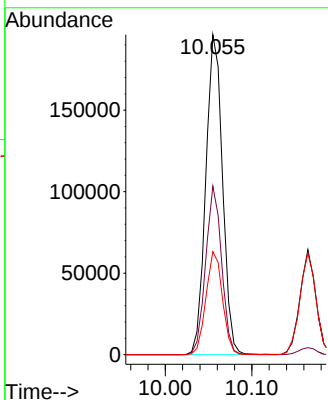
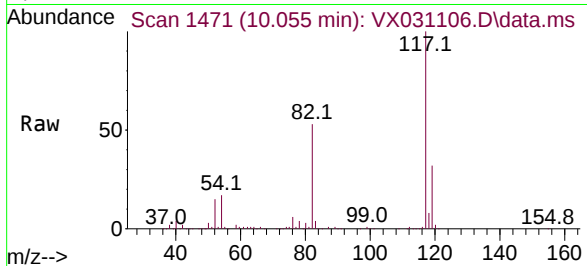




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

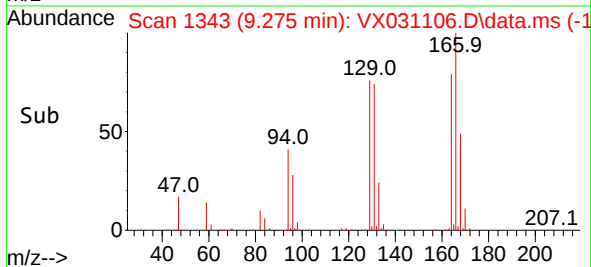
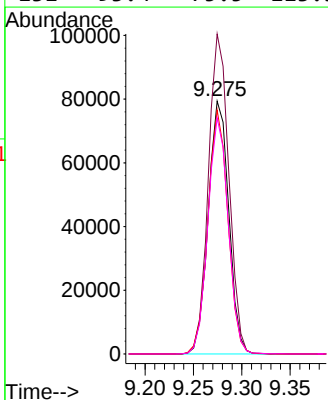
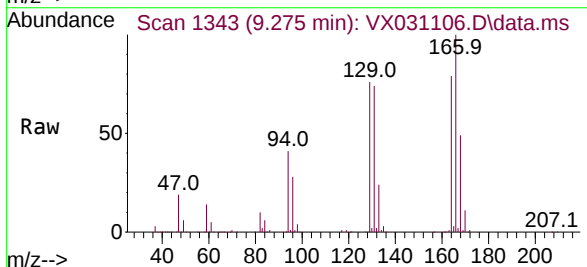
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

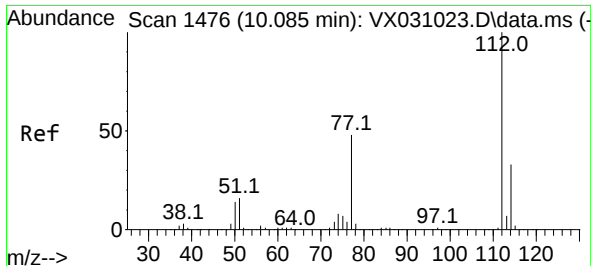
Tgt Ion:117 Resp: 263080  
Ion Ratio Lower Upper  
117 100  
82 52.7 42.7 64.1  
119 32.2 25.4 38.2



#64  
Tetrachloroethene  
Concen: 44.579 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion:164 Resp: 117097  
Ion Ratio Lower Upper  
164 100  
166 126.6 98.2 147.4  
129 96.5 80.8 121.2  
131 93.4 75.5 113.3

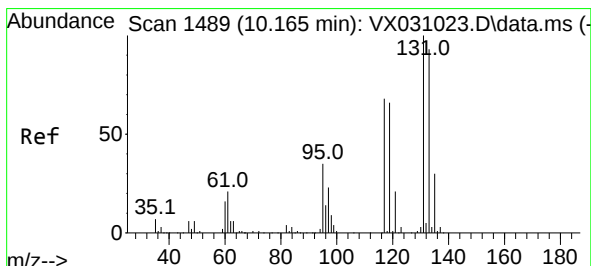
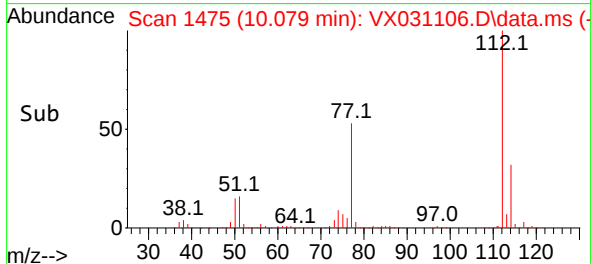
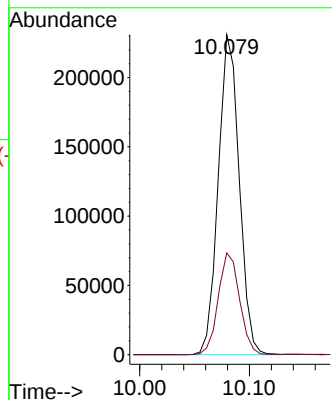
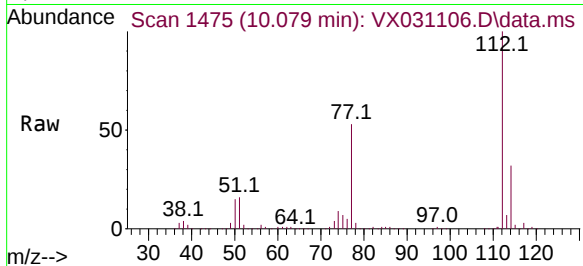




#65  
Chlorobenzene  
Concen: 48.870 ug/l  
RT: 10.079 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

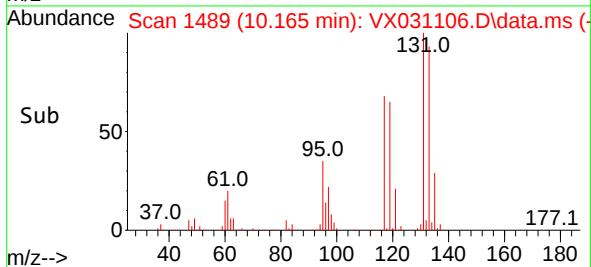
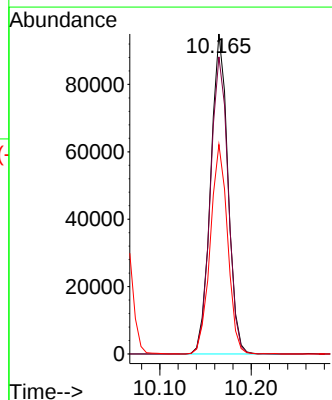
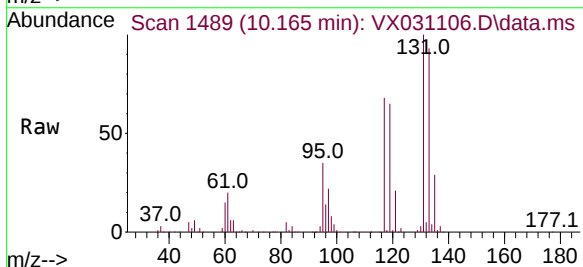
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

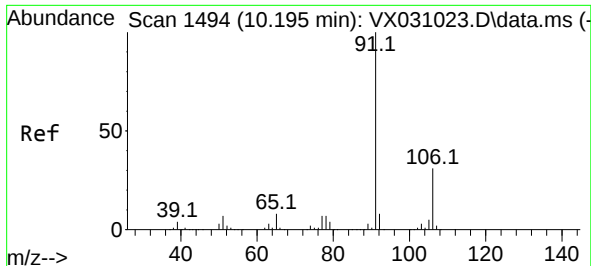
Tgt Ion:112 Resp: 307058  
Ion Ratio Lower Upper  
112 100  
114 31.8 24.6 36.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.657 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion:131 Resp: 124487  
Ion Ratio Lower Upper  
131 100  
133 95.0 46.9 140.8  
119 65.4 34.4 103.1





#67

Ethyl Benzene

Concen: 49.401 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

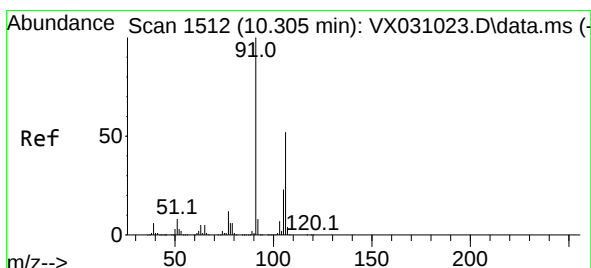
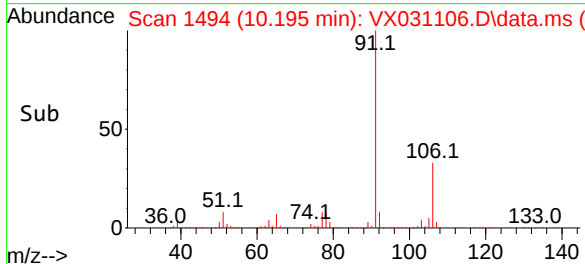
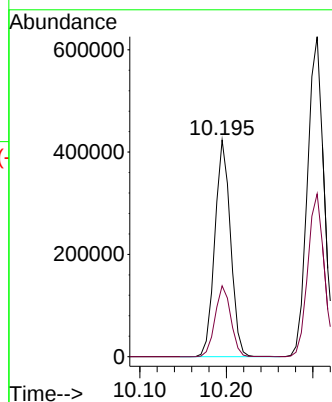
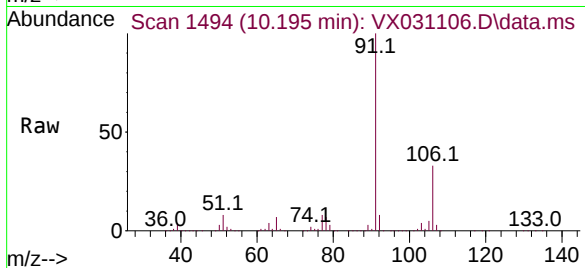
VSTDCCC050

Tgt Ion: 91 Resp: 531764

Ion Ratio Lower Upper

91 100

106 32.7 25.5 38.3



#68

m/p-Xylenes

Concen: 98.807 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX031106.D

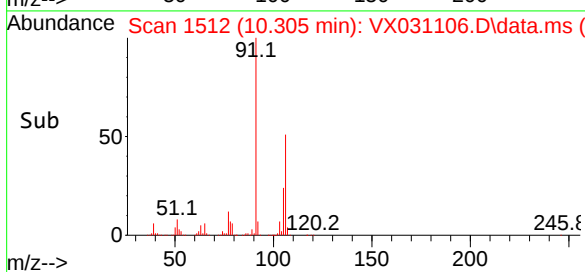
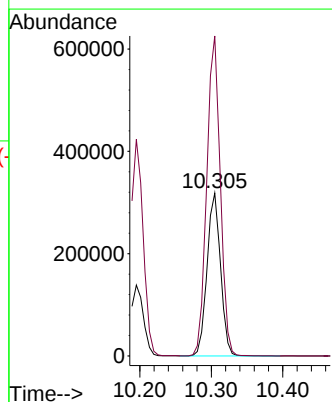
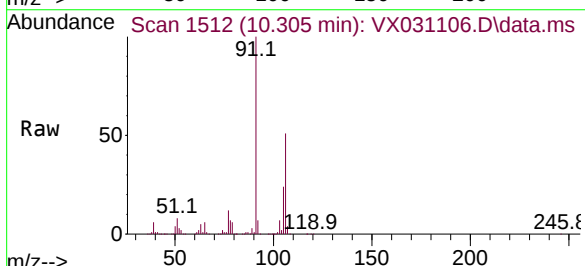
Acq: 04 Sep 2022 00:51

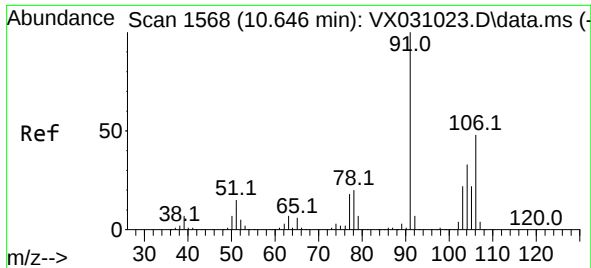
Tgt Ion: 106 Resp: 417136

Ion Ratio Lower Upper

106 100

91 197.6 158.2 237.4

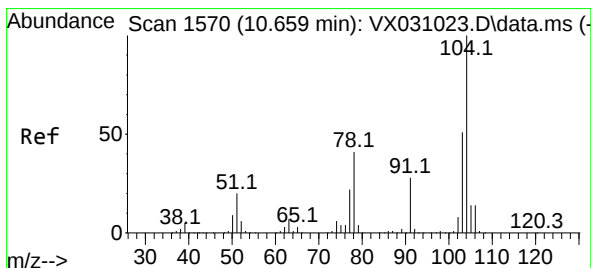
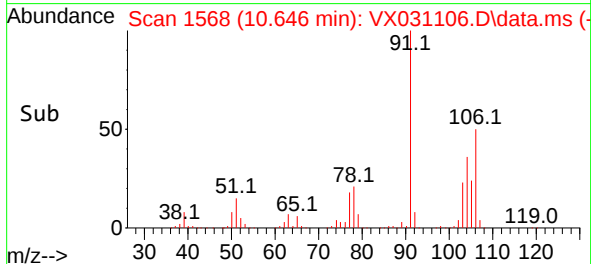
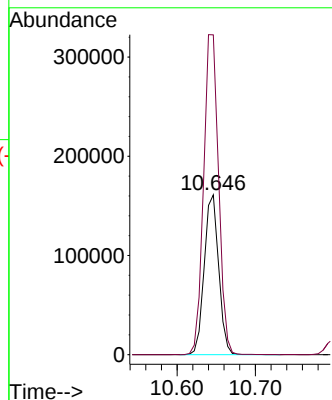
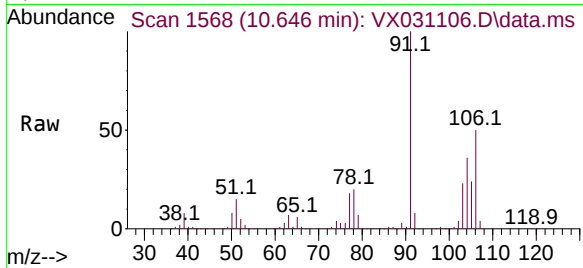




#69  
o-Xylene  
Concen: 49.775 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

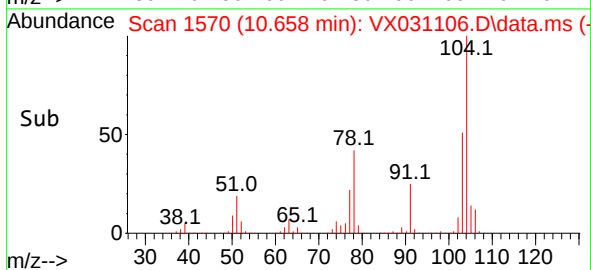
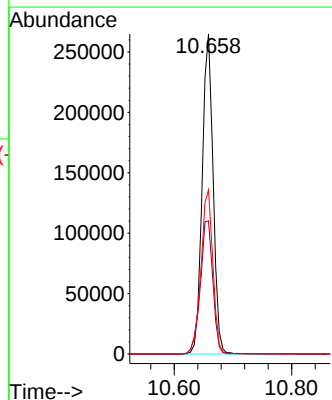
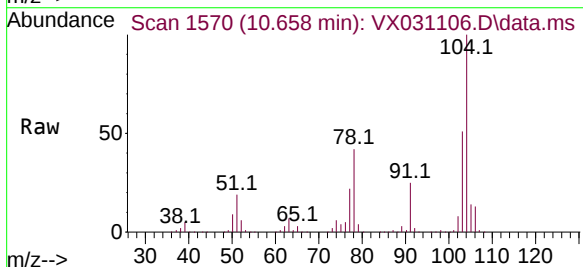
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

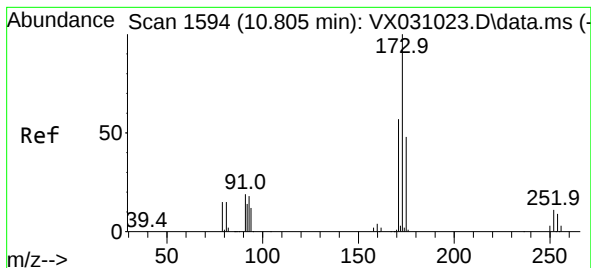
Tgt Ion:106 Resp: 206091  
Ion Ratio Lower Upper  
106 100  
91 208.1 103.8 311.6



#70  
Styrene  
Concen: 50.865 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. -0.001 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion:104 Resp: 340825  
Ion Ratio Lower Upper  
104 100  
78 47.6 37.8 56.8  
103 56.0 44.5 66.7





#71

Bromoform

Concen: 55.717 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

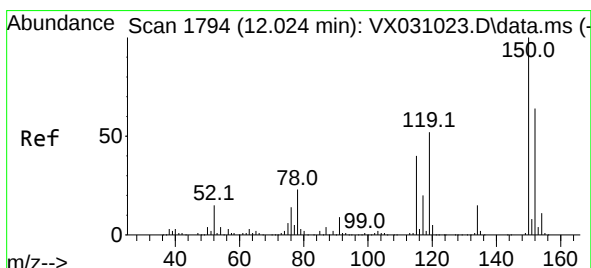
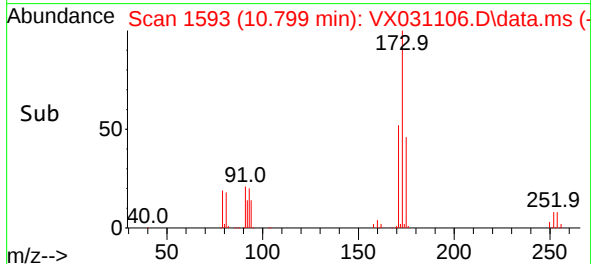
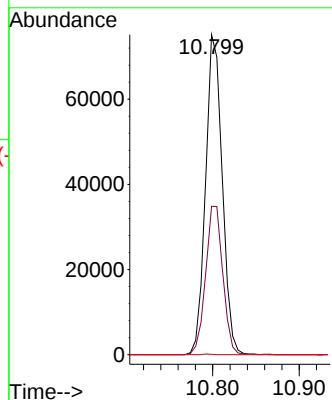
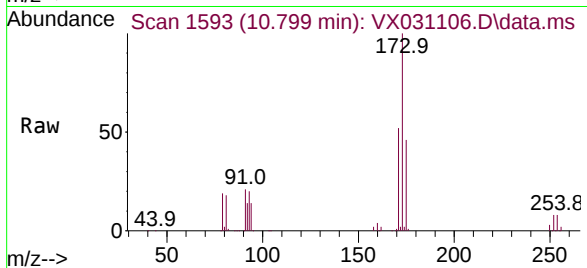
Tgt Ion:173 Resp: 100512

Ion Ratio Lower Upper

173 100

175 47.9 23.8 71.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

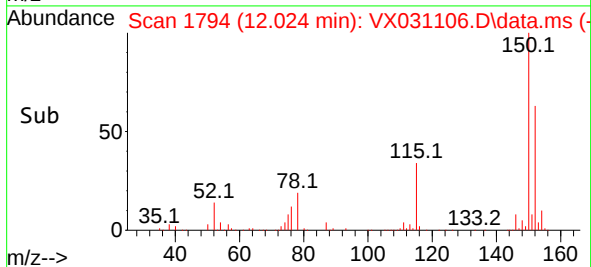
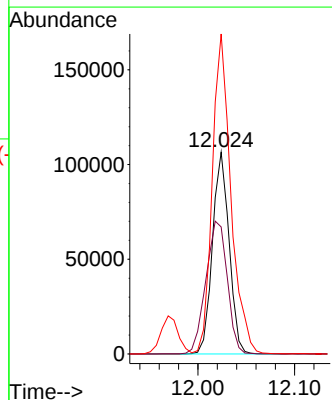
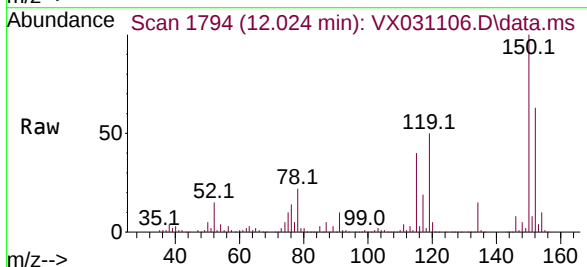
Tgt Ion:152 Resp: 127102

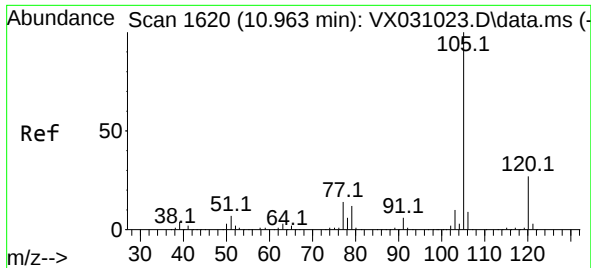
Ion Ratio Lower Upper

152 100

115 85.1 40.5 121.5

150 177.8 0.0 347.0

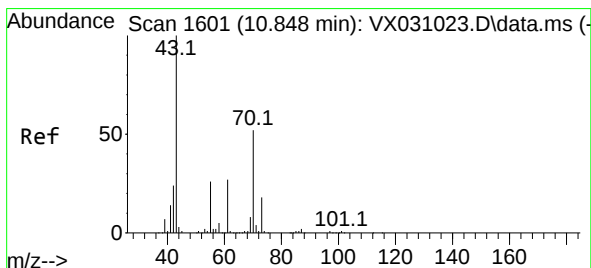
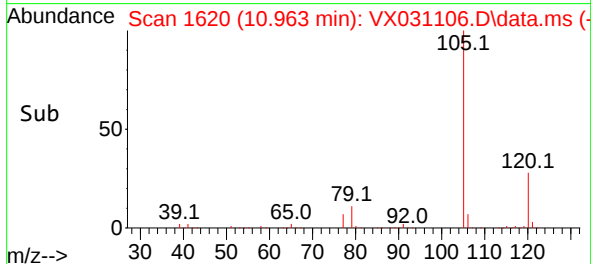
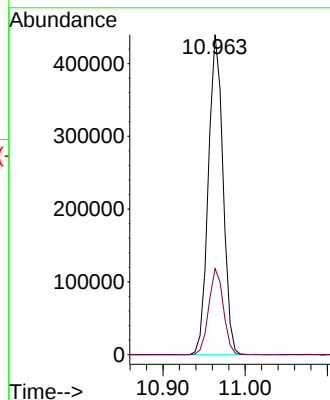
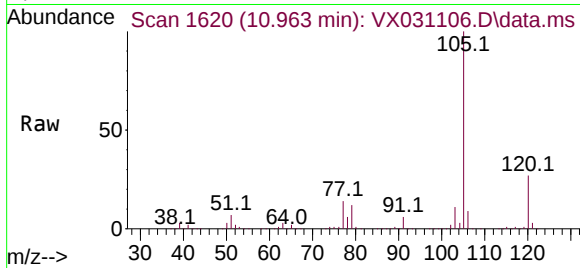




#73  
Isopropylbenzene  
Concen: 52.992 ug/l  
RT: 10.963 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

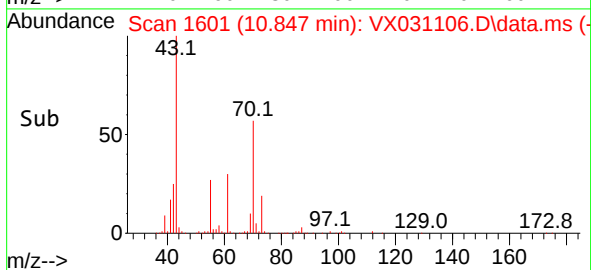
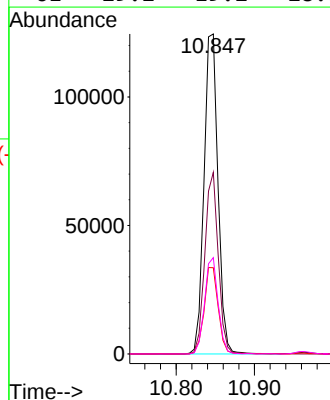
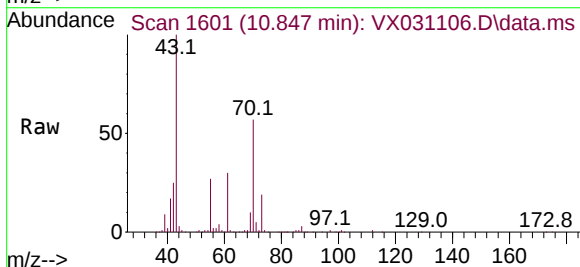
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

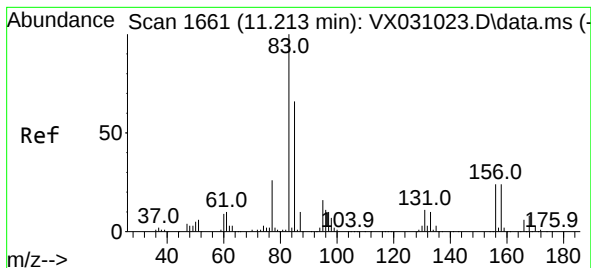
Tgt Ion:105 Resp: 542945  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.5 40.4



#74  
N-ethyl acetate  
Concen: 49.819 ug/l  
RT: 10.847 min Scan# 1601  
Delta R.T. -0.001 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 43 Resp: 154075  
Ion Ratio Lower Upper  
43 100  
70 54.6 32.3 48.5#  
55 27.2 18.4 27.6  
61 29.2 19.2 28.8#

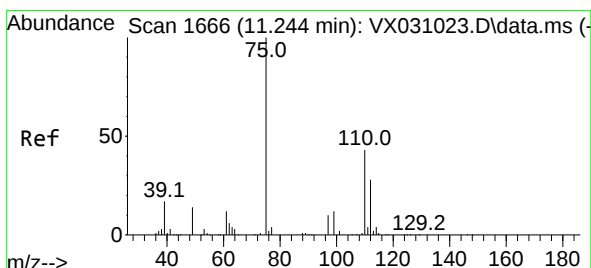
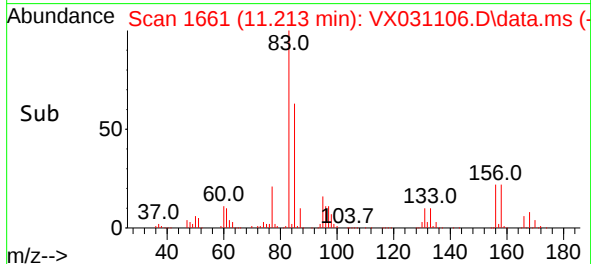
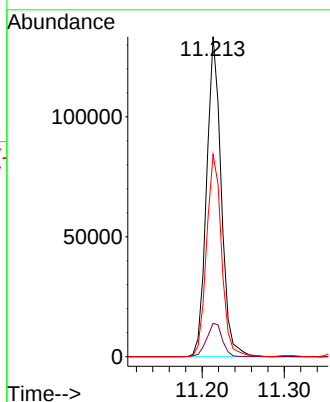
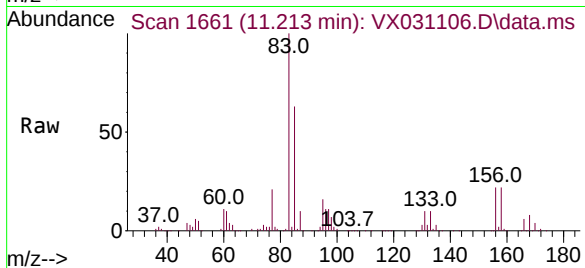




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 50.269 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX031106.D  
 Acq: 04 Sep 2022 00:51

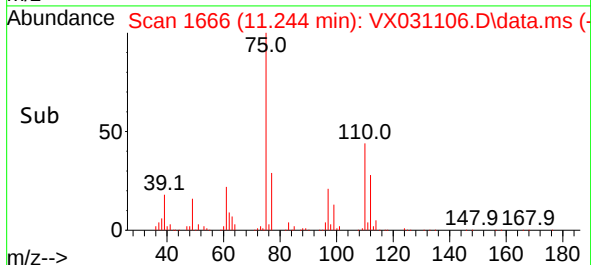
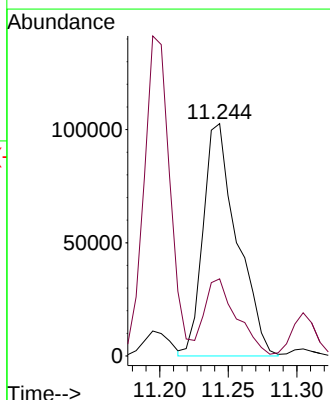
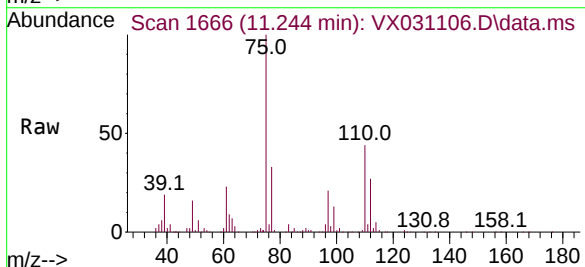
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

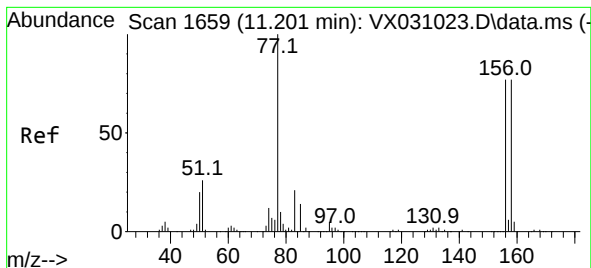
Tgt Ion: 83 Resp: 164704  
 Ion Ratio Lower Upper  
 83 100  
 131 11.2 4.5 13.7  
 85 64.9 32.5 97.5



#76  
 1,2,3-Trichloropropane  
 Concen: 58.944 ug/l  
 RT: 11.244 min Scan# 1666  
 Delta R.T. -0.000 min  
 Lab File: VX031106.D  
 Acq: 04 Sep 2022 00:51

Tgt Ion: 75 Resp: 177103  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 19.8 59.3





#77

Bromobenzene

Concen: 51.935 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

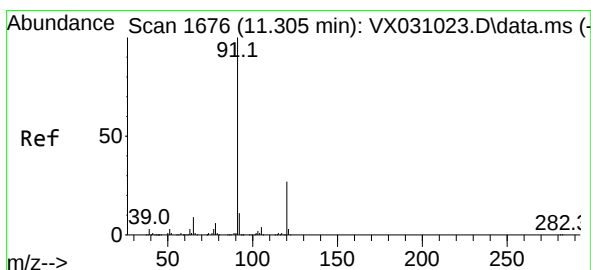
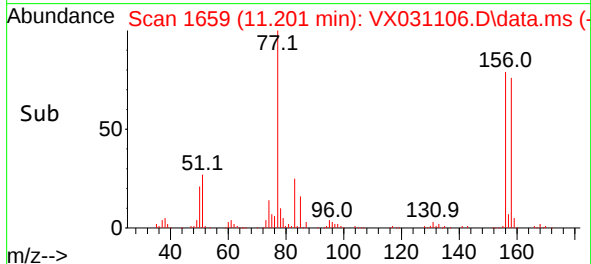
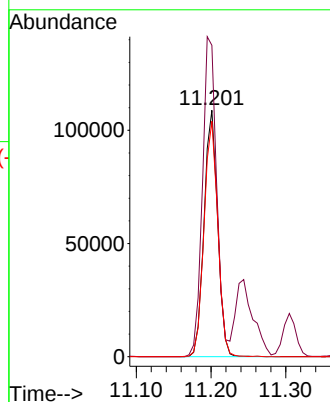
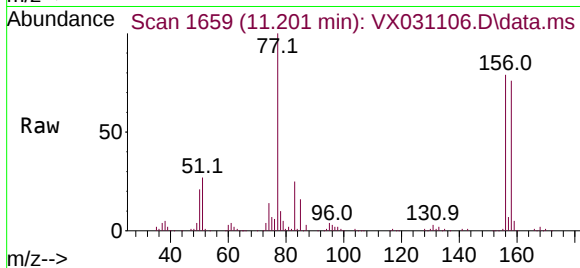
Tgt Ion:156 Resp: 137193

Ion Ratio Lower Upper

156 100

77 136.6 82.7 247.9

158 97.1 47.5 142.5



#78

n-propylbenzene

Concen: 51.240 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031106.D

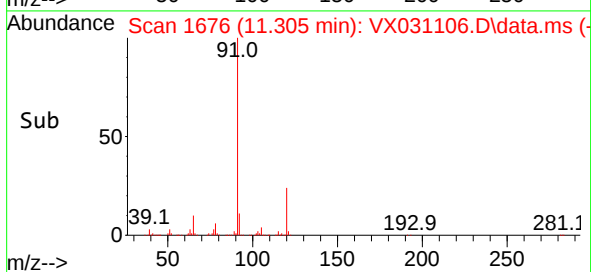
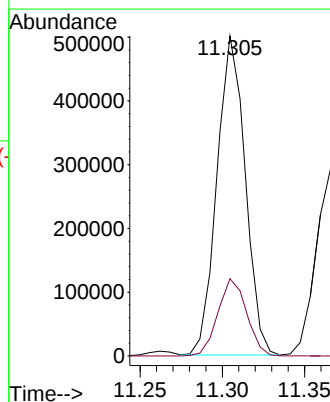
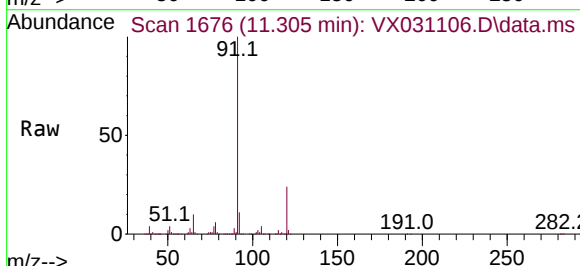
Acq: 04 Sep 2022 00:51

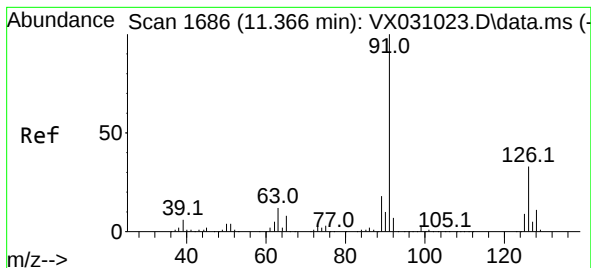
Tgt Ion: 91 Resp: 597944

Ion Ratio Lower Upper

91 100

120 24.6 11.6 34.8

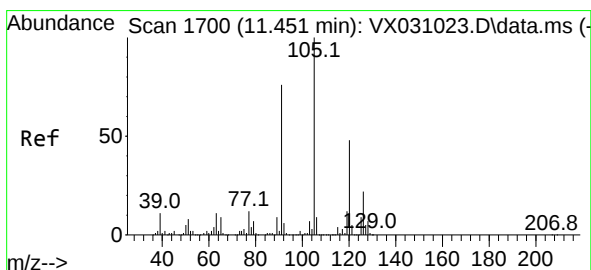
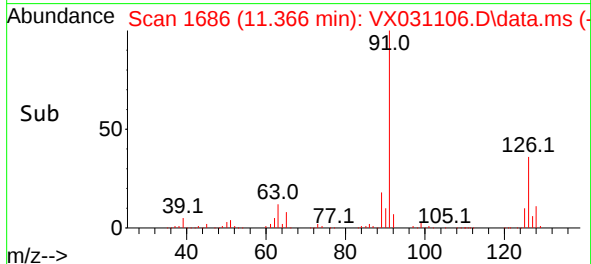
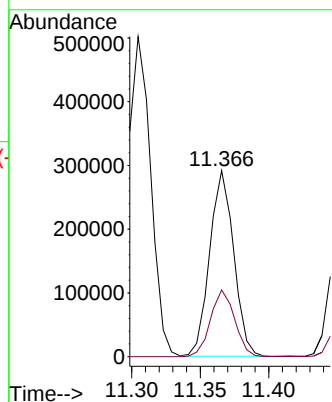
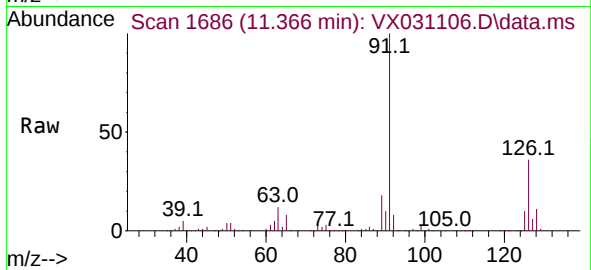




#79  
2-Chlorotoluene  
Concen: 49.448 ug/l  
RT: 11.366 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

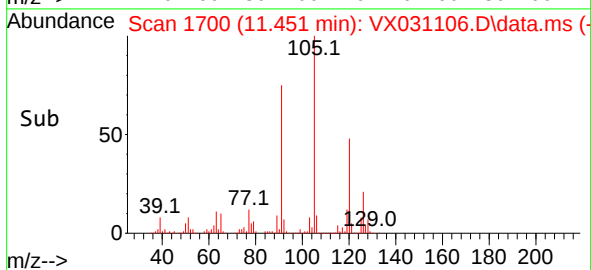
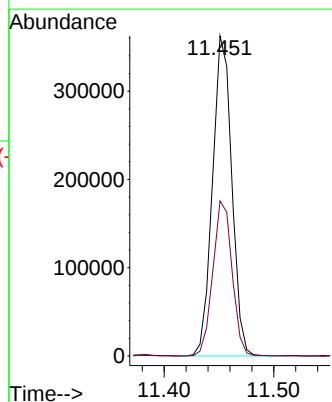
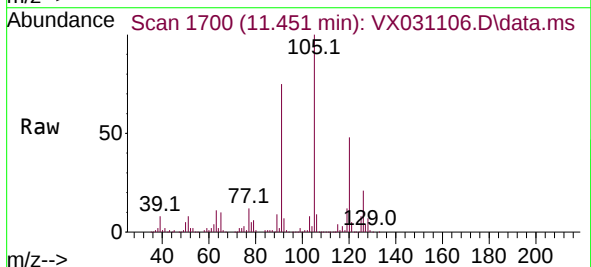
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

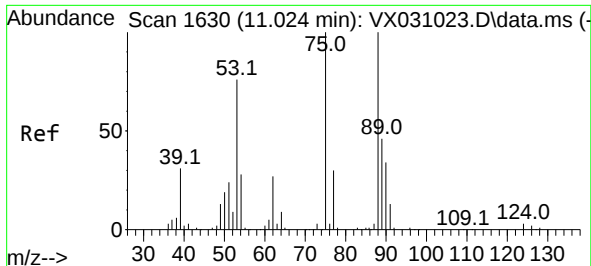
Tgt Ion: 91 Resp: 355320  
Ion Ratio Lower Upper  
91 100  
126 36.1 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 51.367 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 105 Resp: 442896  
Ion Ratio Lower Upper  
105 100  
120 48.4 24.4 73.2

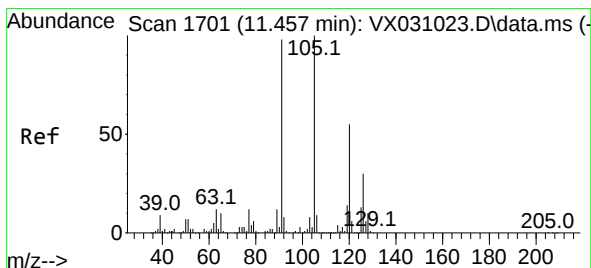
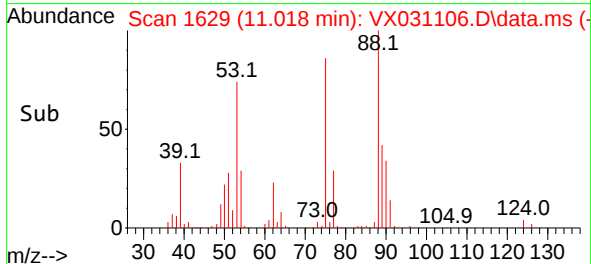
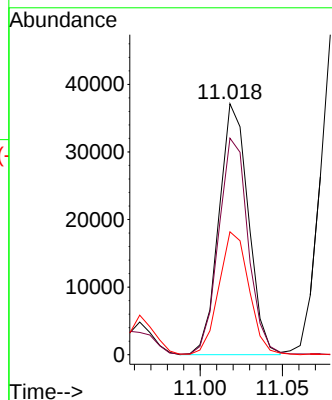
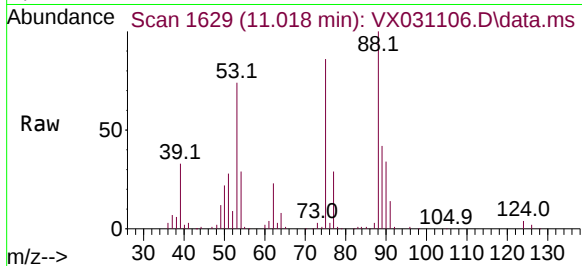




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.350 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.006 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

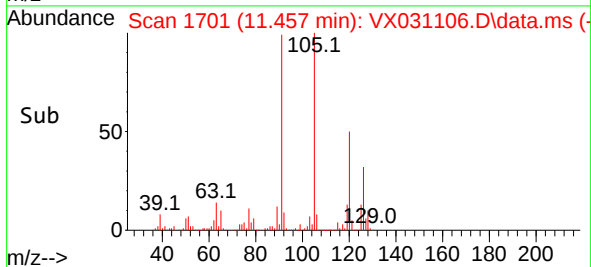
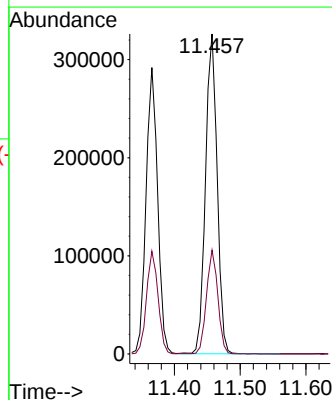
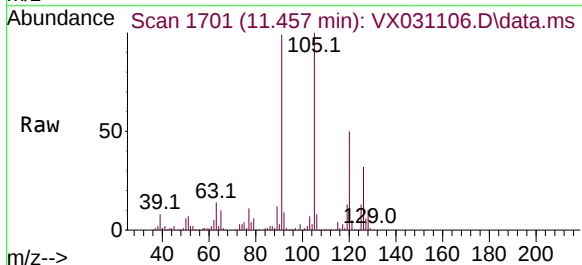
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

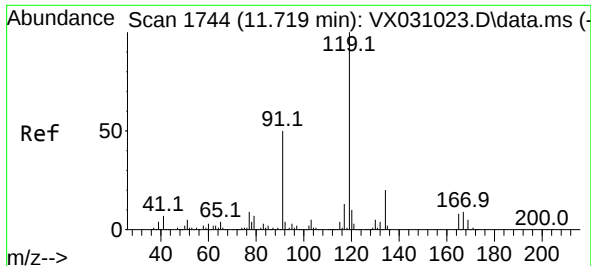
Tgt Ion: 75 Resp: 46225  
Ion Ratio Lower Upper  
75 100  
53 86.8 74.2 111.4  
89 50.0 34.8 52.2



#82  
4-Chlorotoluene  
Concen: 49.870 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 91 Resp: 400958  
Ion Ratio Lower Upper  
91 100  
126 31.8 15.3 45.9

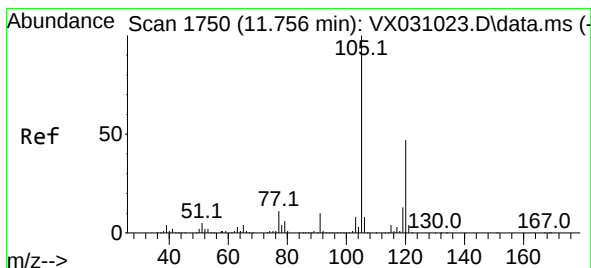
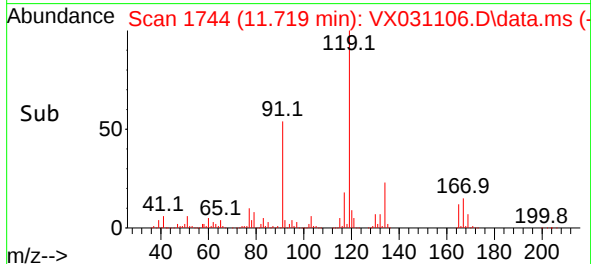
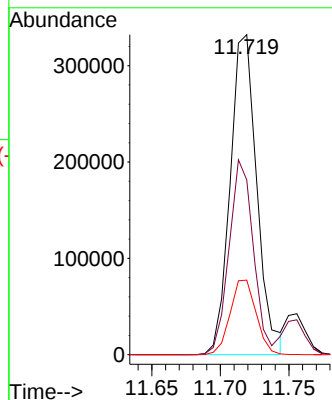
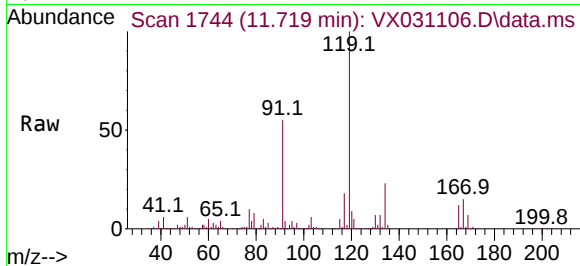




#83  
 tert-Butylbenzene  
 Concen: 52.508 ug/l  
 RT: 11.719 min Scan# 1744  
 Delta R.T. 0.000 min  
 Lab File: VX031106.D  
 Acq: 04 Sep 2022 00:51

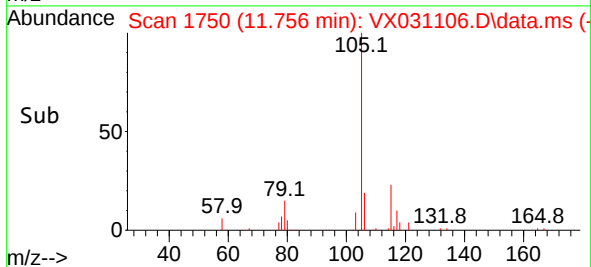
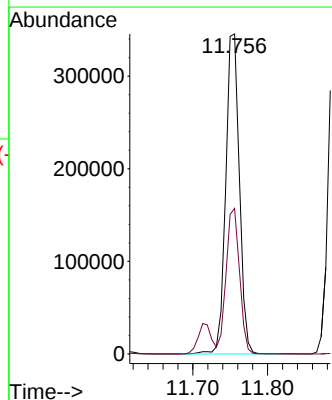
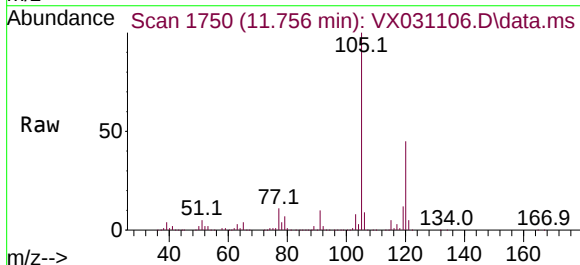
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

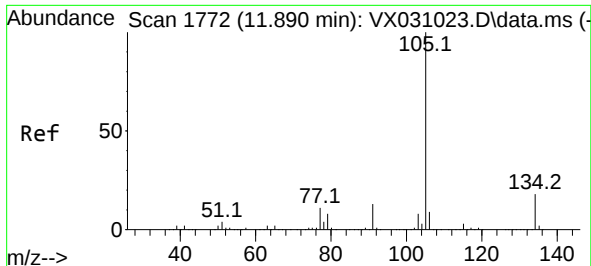
Tgt Ion:119 Resp: 450607  
 Ion Ratio Lower Upper  
 119 100  
 91 55.4 28.3 84.9  
 134 22.7 11.2 33.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.130 ug/l  
 RT: 11.756 min Scan# 1750  
 Delta R.T. -0.000 min  
 Lab File: VX031106.D  
 Acq: 04 Sep 2022 00:51

Tgt Ion:105 Resp: 438182  
 Ion Ratio Lower Upper  
 105 100  
 120 44.9 22.9 68.8

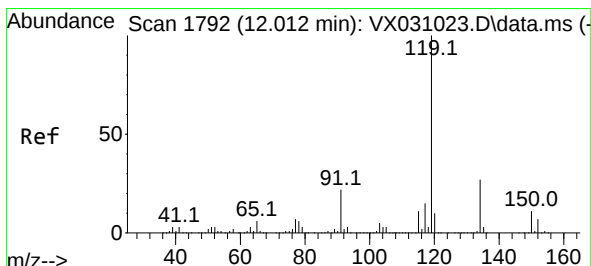
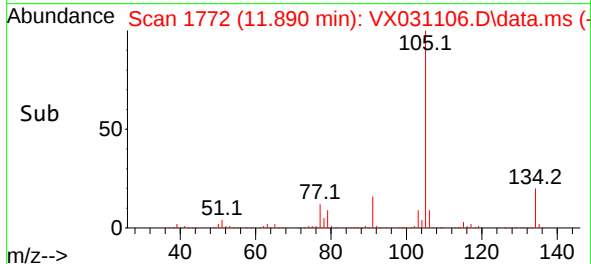
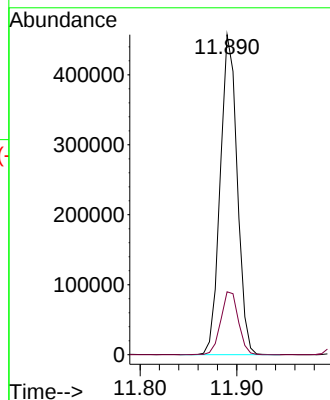
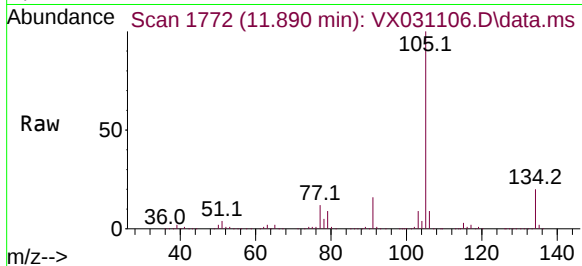




#85  
 sec-Butylbenzene  
 Concen: 49.506 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.006 min  
 Lab File: VX031106.D  
 Acq: 04 Sep 2022 00:51

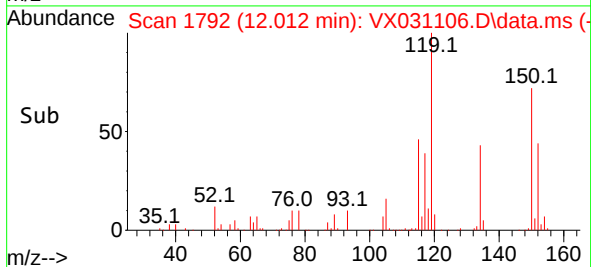
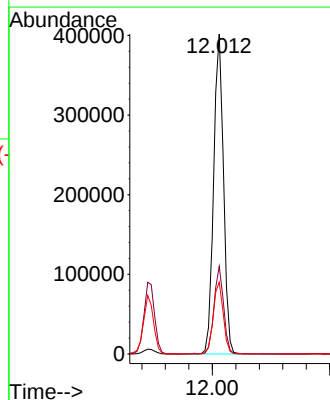
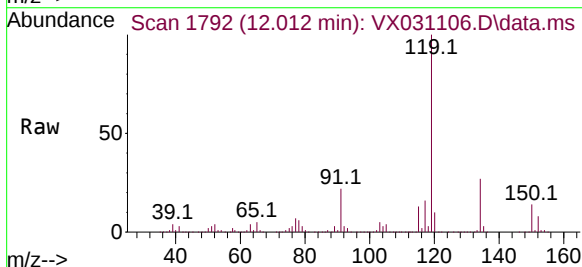
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

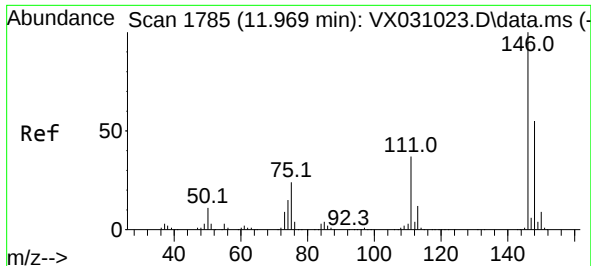
Tgt Ion:105 Resp: 556460  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 52.561 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX031106.D  
 Acq: 04 Sep 2022 00:51

Tgt Ion:119 Resp: 467891  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.9 41.6  
 91 22.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.418 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

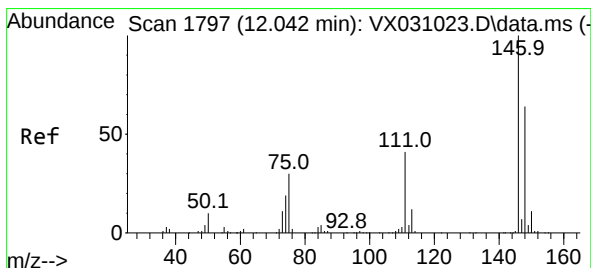
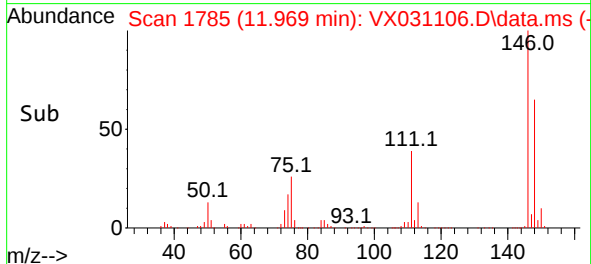
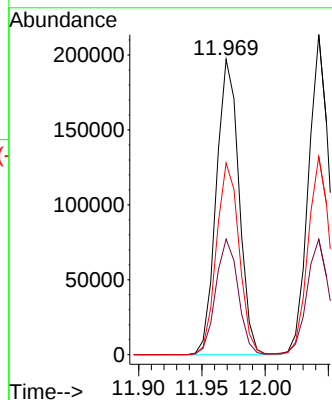
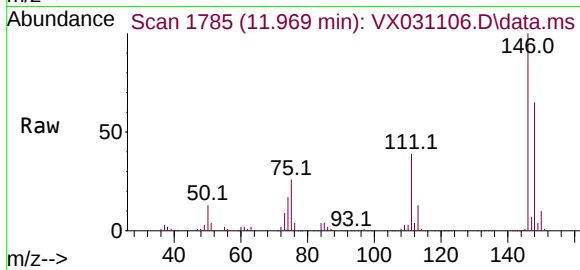
Tgt Ion:146 Resp: 245000

Ion Ratio Lower Upper

146 100

111 38.7 20.3 60.8

148 65.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.797 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

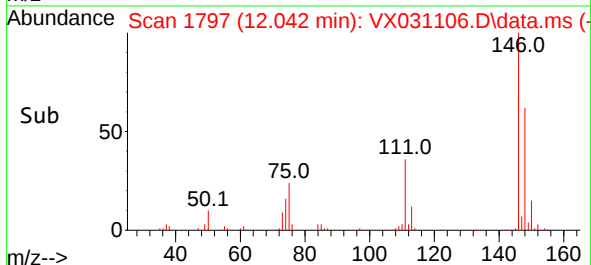
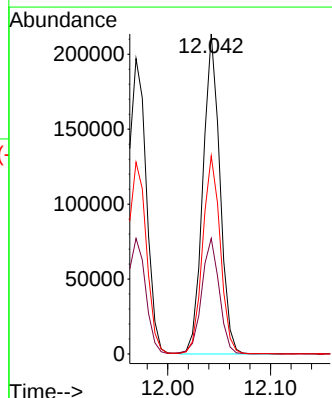
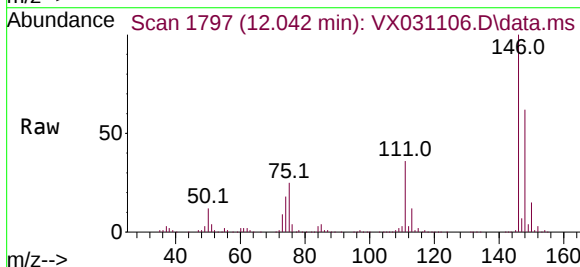
Tgt Ion:146 Resp: 245905

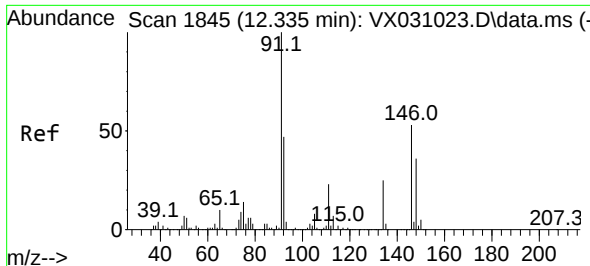
Ion Ratio Lower Upper

146 100

111 37.3 20.3 60.9

148 64.3 32.3 96.8

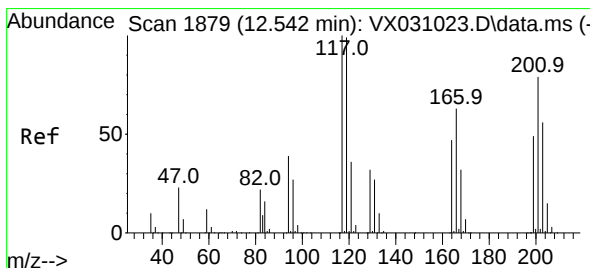
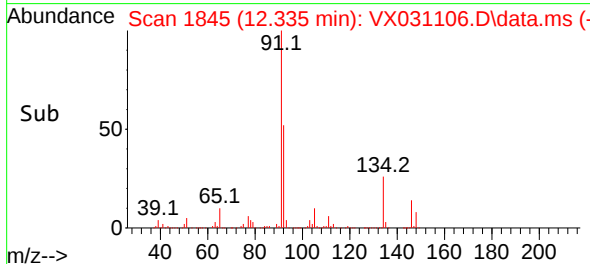
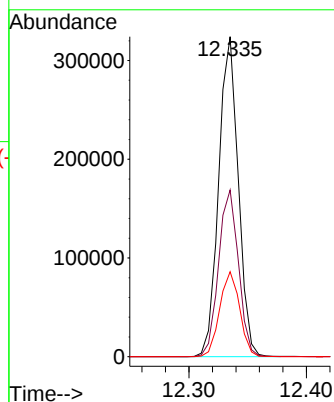
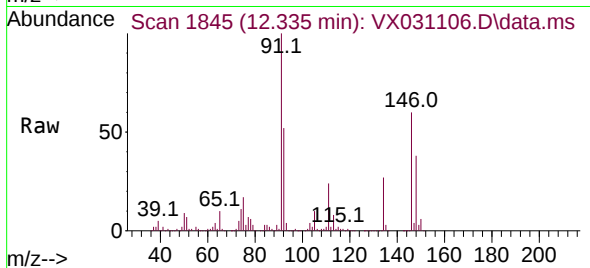




#89  
n-Butylbenzene  
Concen: 46.803 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

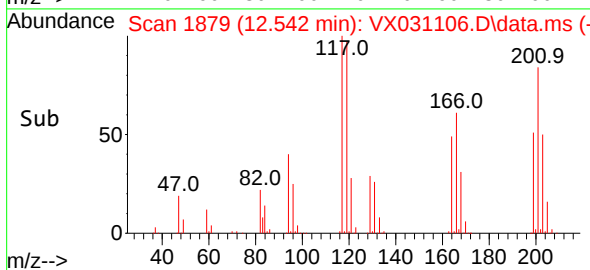
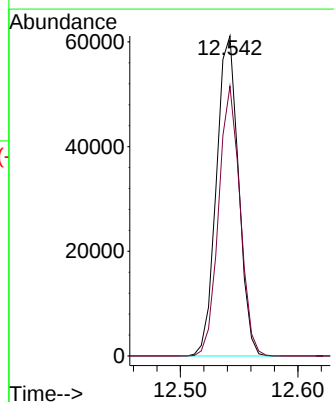
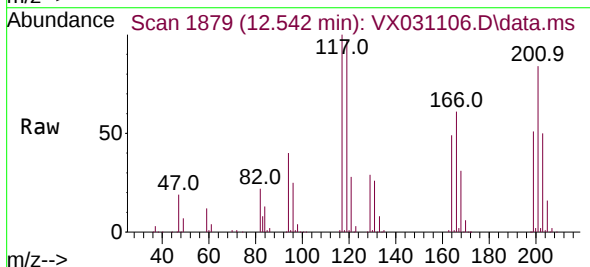
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

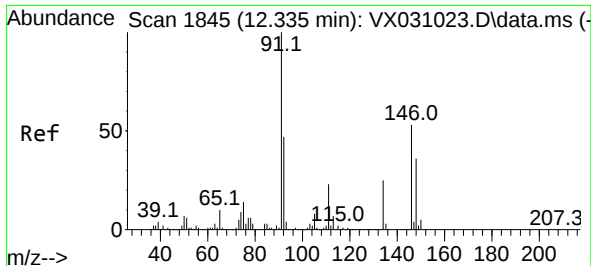
Tgt Ion: 91 Resp: 375665  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.2 78.5  
134 27.1 12.6 37.8



#90  
Hexachloroethane  
Concen: 49.584 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 117 Resp: 79990  
Ion Ratio Lower Upper  
117 100  
201 81.7 34.2 102.5

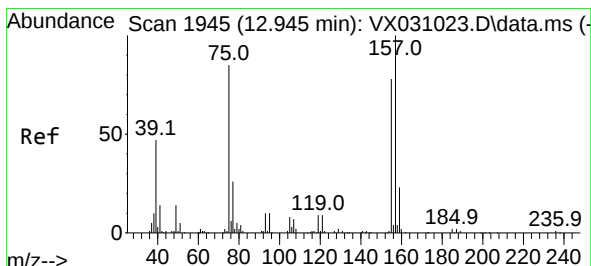
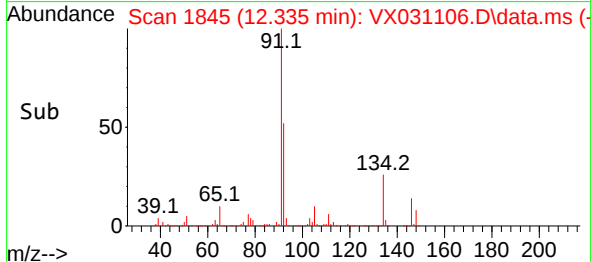
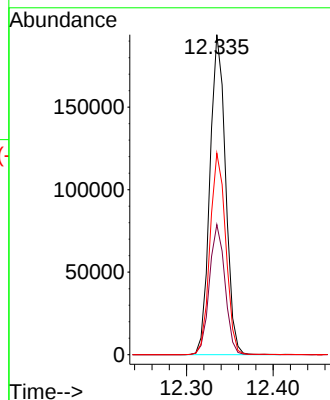
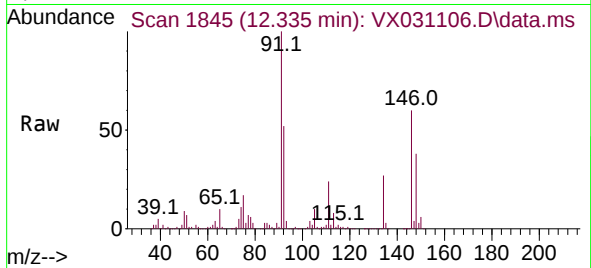




#91  
1,2-Dichlorobenzene  
Concen: 46.854 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

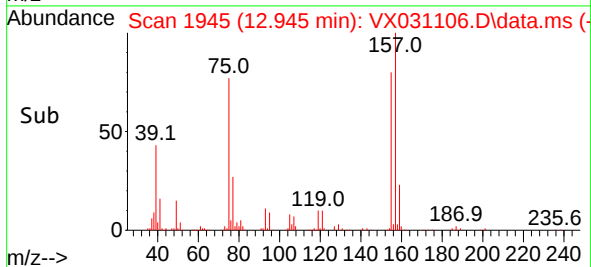
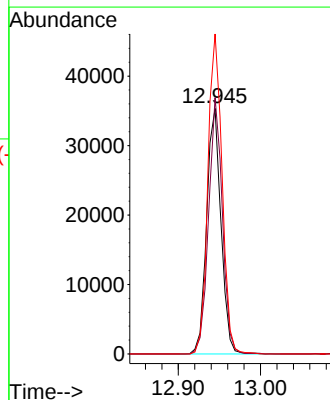
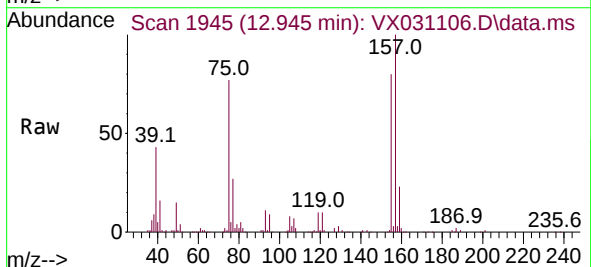
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

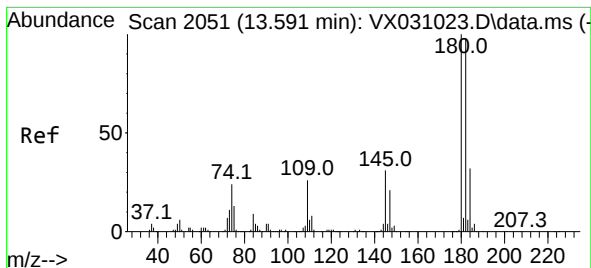
Tgt Ion:146 Resp: 243161  
Ion Ratio Lower Upper  
146 100  
111 40.4 20.7 62.1  
148 63.4 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.463 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX031106.D  
Acq: 04 Sep 2022 00:51

Tgt Ion: 75 Resp: 42679  
Ion Ratio Lower Upper  
75 100  
155 100.6 45.0 134.8  
157 128.9 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 60.759 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

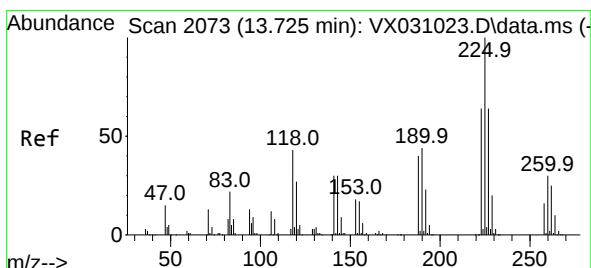
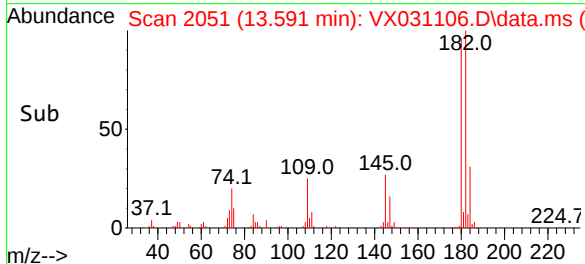
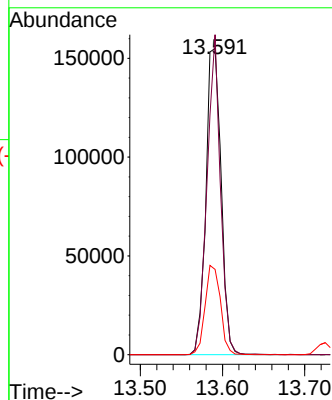
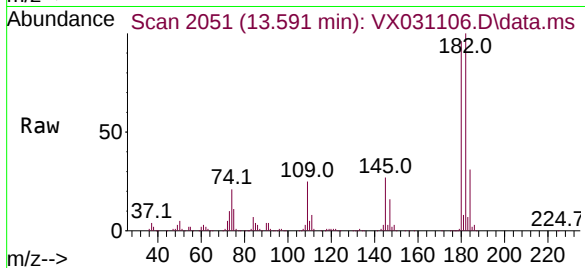
Tgt Ion:180 Resp: 199565

Ion Ratio Lower Upper

180 100

182 92.0 48.2 144.6

145 29.3 15.9 47.6



#94

Hexachlorobutadiene

Concen: 51.252 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

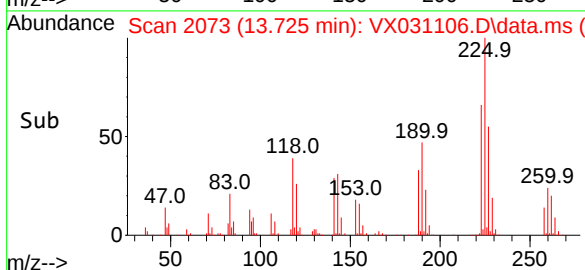
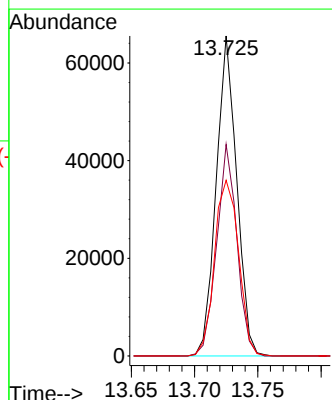
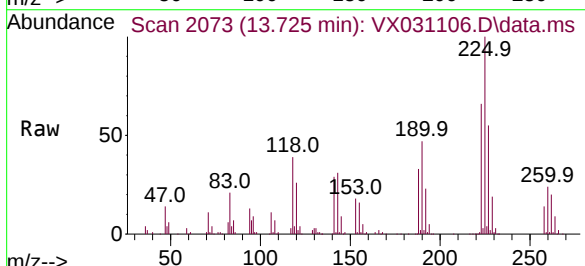
Tgt Ion:225 Resp: 73705

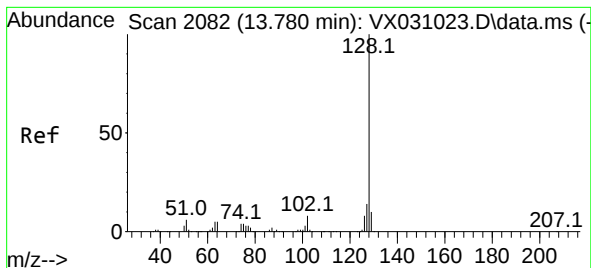
Ion Ratio Lower Upper

225 100

223 65.2 30.6 91.6

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 59.297 ug/l

RT: 13.774 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

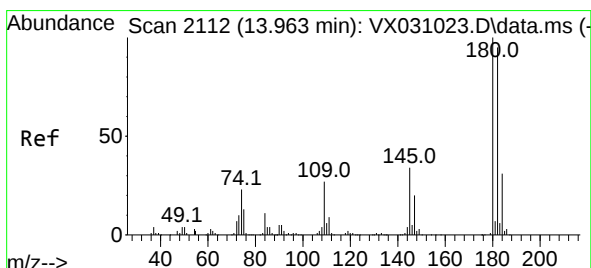
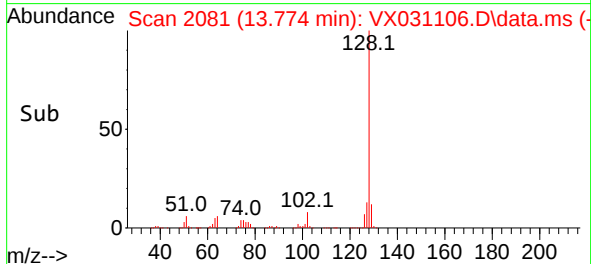
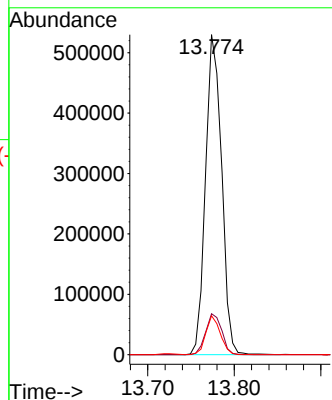
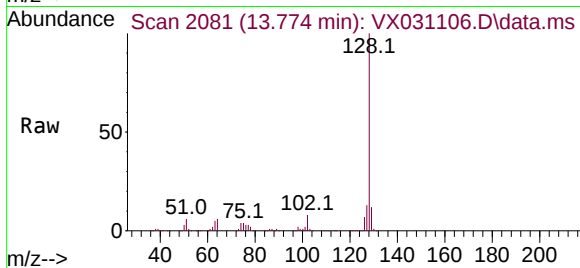
Tgt Ion:128 Resp: 683147

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.012 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX031106.D

Acq: 04 Sep 2022 00:51

Tgt Ion:180 Resp: 192981

Ion Ratio Lower Upper

180 100

182 96.8 47.0 141.0

145 33.1 17.0 50.9

