

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081723\  
 Data File : VX037059.D  
 Acq On : 17 Aug 2023 14:22  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 18 06:04:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 05:51:31 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.549  | 168   | 171306   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 293080   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 260133   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 125771   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 13108    | 5.308    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 10.620%# |
| 35) Dibromofluoromethane     | 5.385  | 113   | 10094    | 5.200    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 10.400%# |
| 50) Toluene-d8               | 8.646  | 98    | 37202    | 5.284    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 10.560%# |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 14157    | 5.117    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 10.240%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 8400     | 4.221    | ug/l   | 99       |
| 3) Chloromethane             | 1.300  | 50    | 7711     | 4.429    | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.373  | 62    | 8612     | 4.545    | ug/l   | 95       |
| 5) Bromomethane              | 1.599  | 94    | 4581     | 4.853    | ug/l   | 95       |
| 6) Chloroethane              | 1.672  | 64    | 5089     | 4.564    | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.879  | 101   | 15767    | 5.079    | ug/l   | 98       |
| 8) Diethyl Ether             | 2.135  | 74    | 5720     | 4.763    | ug/l   | 79       |
| 9) 1,1,2-Trichlorotrifluo... | 2.324  | 101   | 8959     | 4.947    | ug/l   | 98       |
| 10) Methyl Iodide            | 2.446  | 142   | 8882     | 4.036    | ug/l   | 92       |
| 11) Tert butyl alcohol       | 2.971  | 59    | 13795    | 23.812   | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.312  | 96    | 8779     | 4.978    | ug/l   | 86       |
| 13) Acrolein                 | 2.239  | 56    | 12126    | 27.514   | ug/l   | 100      |
| 14) Allyl chloride           | 2.660  | 41    | 12905    | 4.728    | ug/l # | 92       |
| 15) Acrylonitrile            | 3.068  | 53    | 24614    | 23.804   | ug/l   | 99       |
| 16) Acetone                  | 2.385  | 43    | 24156    | 25.002   | ug/l   | 93       |
| 17) Carbon Disulfide         | 2.507  | 76    | 20606    | 4.594    | ug/l   | 96       |
| 18) Methyl Acetate           | 2.708  | 43    | 17302    | 4.756    | ug/l # | 89       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 32181    | 4.812    | ug/l   | 93       |
| 20) Methylene Chloride       | 2.788  | 84    | 10270    | 4.753    | ug/l   | 86       |
| 21) trans-1,2-Dichloroethene | 3.086  | 96    | 9817     | 4.897    | ug/l   | 85       |
| 22) Diisopropyl ether        | 3.763  | 45    | 27377    | 4.888    | ug/l # | 95       |
| 23) Vinyl Acetate            | 3.727  | 43    | 101732   | 23.702   | ug/l # | 94       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 17099    | 4.868    | ug/l   | 99       |
| 25) 2-Butanone               | 4.562  | 43    | 35766    | 24.586   | ug/l   | 90       |
| 26) 2,2-Dichloropropane      | 4.476  | 77    | 15556    | 4.959    | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 11447    | 4.844    | ug/l   | 92       |
| 28) Bromochloromethane       | 4.897  | 49    | 7824     | 4.987    | ug/l # | 76       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 22788    | 24.563   | ug/l # | 86       |
| 30) Chloroform               | 5.098  | 83    | 18737    | 4.752    | ug/l   | 96       |
| 31) Cyclohexane              | 5.464  | 56    | 14166    | 5.101    | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 16960    | 4.800    | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 13778    | 4.996    | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.720  | 43    | 13433    | 4.769    | ug/l # | 94       |
| 38) Carbon Tetrachloride     | 5.677  | 117   | 14050    | 4.690    | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.378  | 83    | 14782    | 5.102    | ug/l   | 92       |
| 40) Benzene                  | 6.043  | 78    | 39128    | 4.947    | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081723\  
 Data File : VX037059.D  
 Acq On : 17 Aug 2023 14:22  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 18 06:04:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 05:51:31 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.921  | 41   | 6819     | 4.657  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 15455    | 4.983  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 21862    | 4.888  | ug/l # | 94       |
| 44) Trichloroethene           | 7.128  | 130  | 10881    | 4.852  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 9570     | 4.907  | ug/l   | 96       |
| 46) Dibromomethane            | 7.586  | 93   | 7613     | 4.956  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.823  | 83   | 13662    | 4.643  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.695  | 41   | 10553    | 4.839  | ug/l # | 89       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 5695     | 96.955 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 67202    | 24.746 | ug/l   | 93       |
| 52) Toluene                   | 8.720  | 92   | 25949    | 4.966  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 14011    | 4.472  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 15341    | 4.531  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 10163    | 4.776  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 15513    | 4.654  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 17441    | 4.862  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 40597    | 25.382 | ug/l   | 93       |
| 59) 2-Hexanone                | 9.433  | 43   | 50567    | 24.421 | ug/l   | 91       |
| 60) Dibromochloromethane      | 9.524  | 129  | 9876     | 4.359  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 10876    | 4.668  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.274  | 164  | 9713     | 5.118  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.079 | 112  | 27349    | 4.974  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.164 | 131  | 9637     | 4.749  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 49003    | 5.065  | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.305 | 106  | 37075    | 9.924  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 18148    | 4.924  | ug/l   | 97       |
| 70) Styrene                   | 10.658 | 104  | 28607    | 4.712  | ug/l   | 98       |
| 71) Bromoform                 | 10.798 | 173  | 6554     | 4.318  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 47226    | 5.166  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 17006    | 4.788  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 15017    | 4.878  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.237 | 75   | 16927    | 6.320  | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 10893    | 4.879  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.304 | 91   | 52010    | 5.109  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.365 | 91   | 32804    | 5.043  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 39467    | 5.175  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 3697     | 3.855  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 38074    | 5.070  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 36178    | 4.975  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 39339    | 5.104  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 43812    | 5.158  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 36746    | 5.025  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 20802    | 4.977  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 21267    | 5.008  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.329 | 91   | 29973    | 4.944  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 5418     | 4.439  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 20525    | 5.015  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 3185     | 4.452  | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 11397    | 4.759  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 4855     | 5.247  | ug/l   | 96       |
| 95) Naphthalene               | 13.774 | 128  | 56912    | 5.425  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 11795    | 4.957  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081723\  
Data File : VX037059.D  
Acq On : 17 Aug 2023 14:22  
Operator : JC/MD  
Sample : VSTDIC005  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

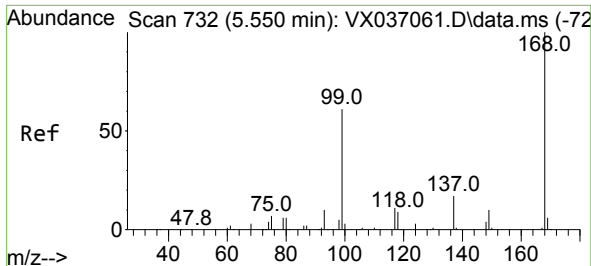
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Aug 18 06:04:36 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 05:51:31 2023  
Response via : Initial Calibration

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

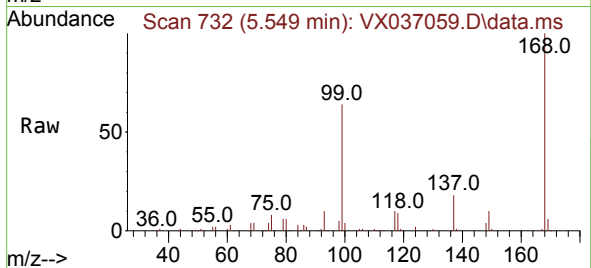
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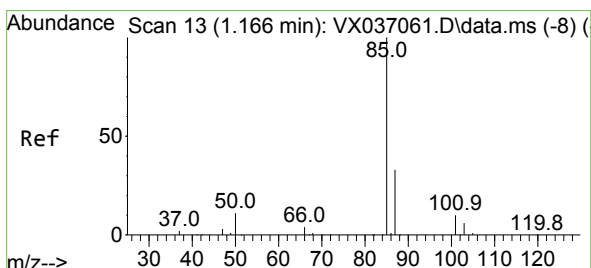
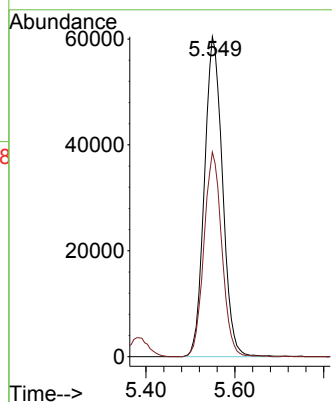
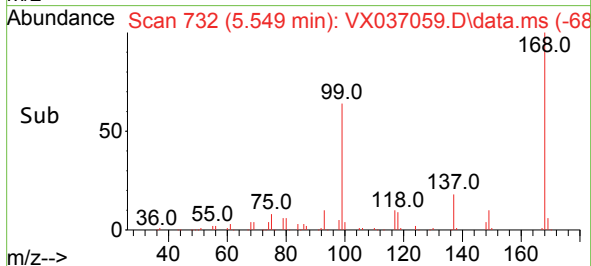


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Instrument :  
MSVOA\_X  
ClientSampleId :

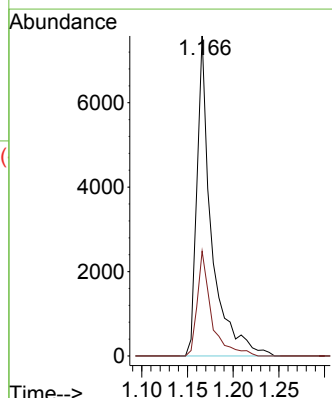
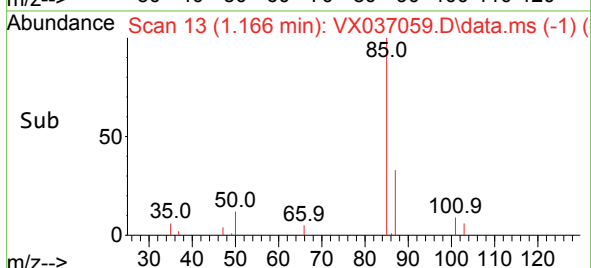
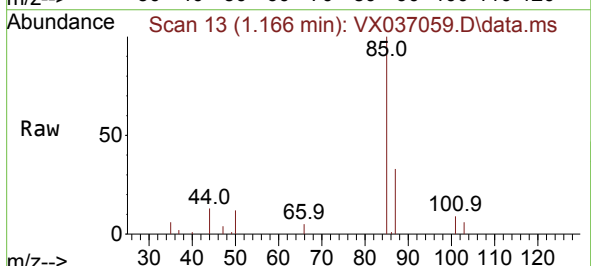


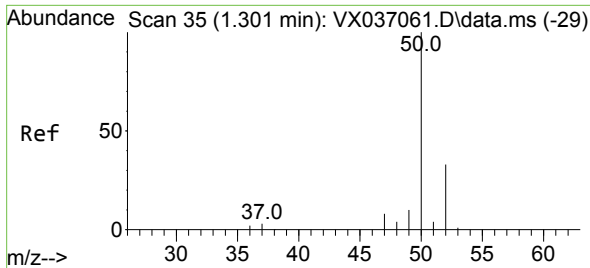
Tgt Ion:168 Resp: 171306  
Ion Ratio Lower Upper  
168 100  
99 64.0 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 4.221 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 85 Resp: 8400  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.7 50.1

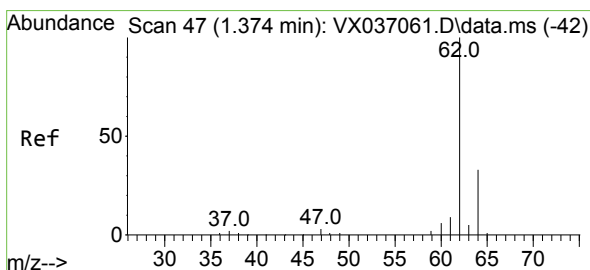
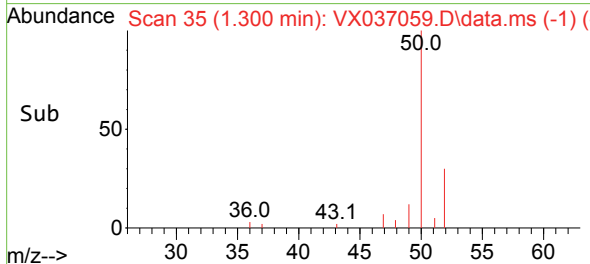
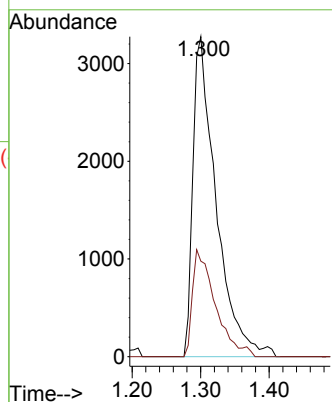
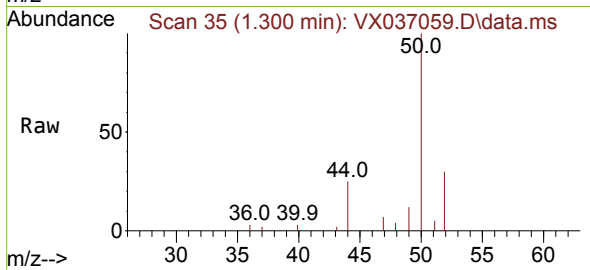




#3  
Chloromethane  
Concen: 4.429 ug/l  
RT: 1.300 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

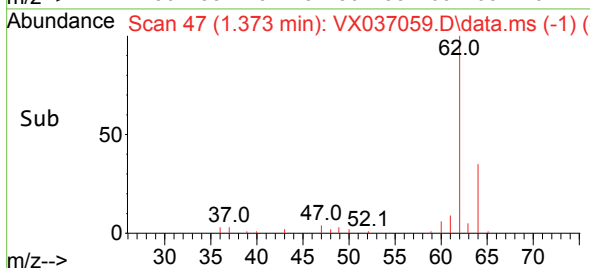
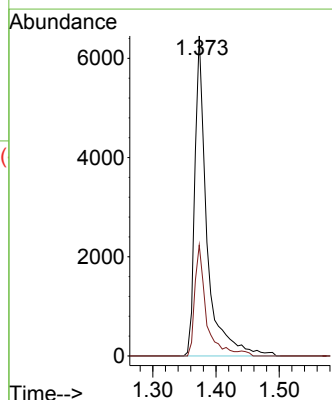
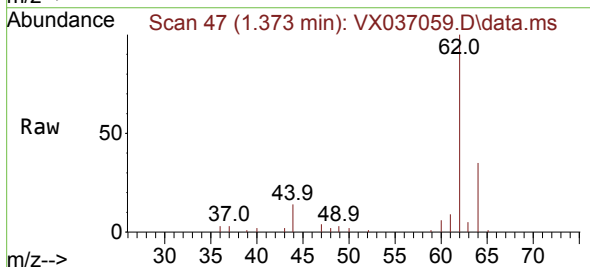
Instrument :  
MSVOA\_X  
ClientSampleId :

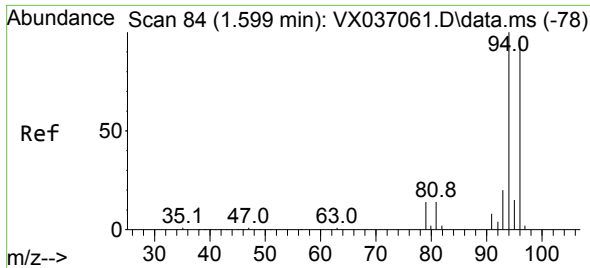
Tgt Ion: 50 Resp: 7711  
Ion Ratio Lower Upper  
50 100  
52 29.9 25.5 38.3



#4  
Vinyl Chloride  
Concen: 4.545 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 62 Resp: 8612  
Ion Ratio Lower Upper  
62 100  
64 34.7 25.4 38.0

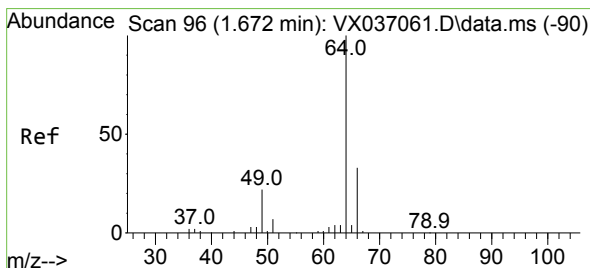
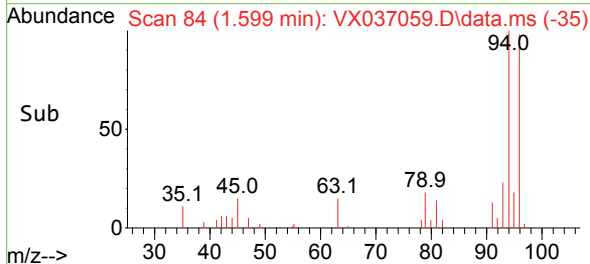
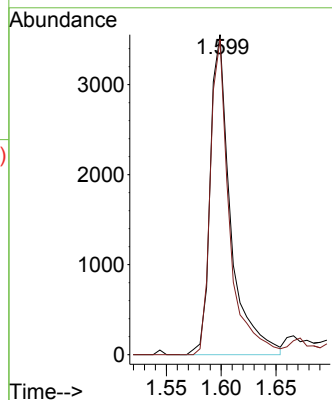
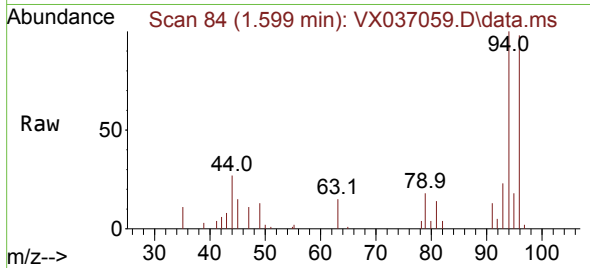




#5  
Bromomethane  
Concen: 4.853 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

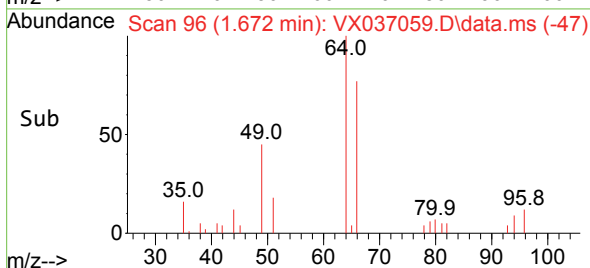
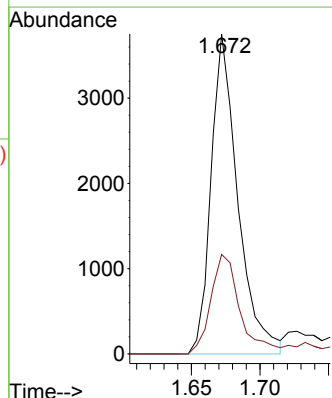
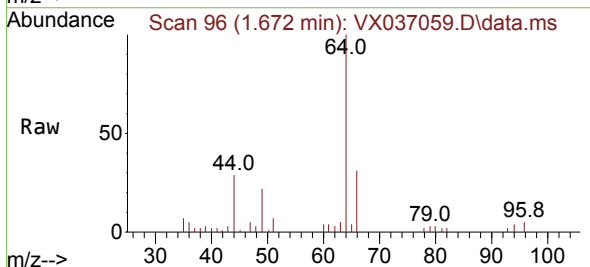
Instrument :  
MSVOA\_X  
ClientSampleId :

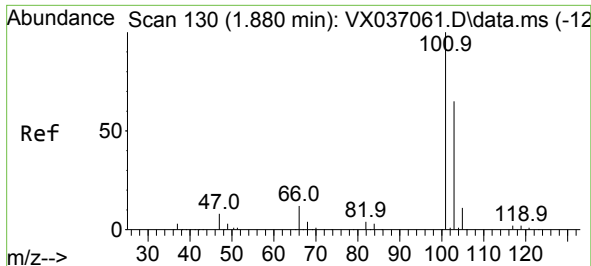
Tgt Ion: 94 Resp: 4581  
Ion Ratio Lower Upper  
94 100  
96 98.5 74.6 111.8



#6  
Chloroethane  
Concen: 4.564 ug/l  
RT: 1.672 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

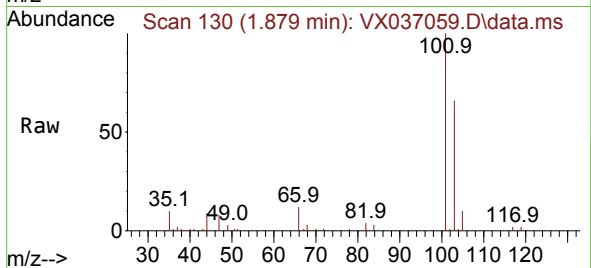
Tgt Ion: 64 Resp: 5089  
Ion Ratio Lower Upper  
64 100  
66 31.1 25.1 37.7



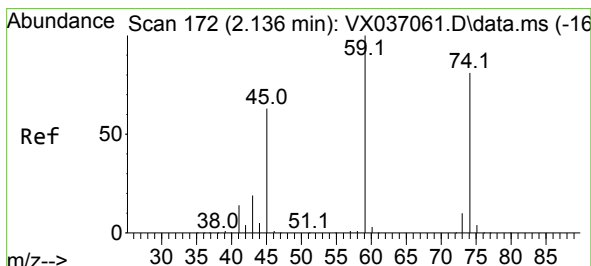
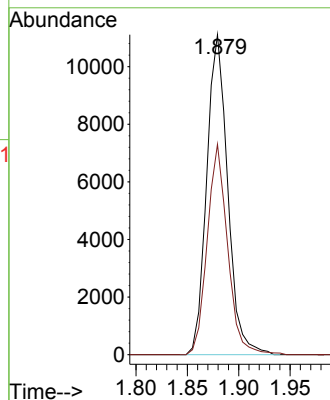
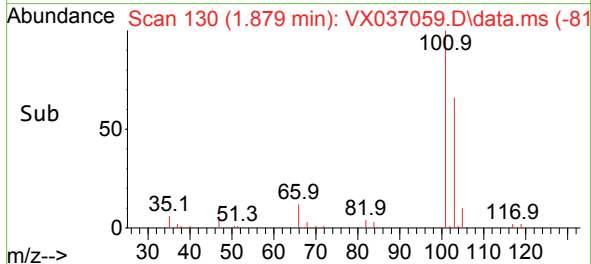


#7  
Trichlorofluoromethane  
Concen: 5.079 ug/l  
RT: 1.879 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Instrument :  
MSVOA\_X  
ClientSampleId :

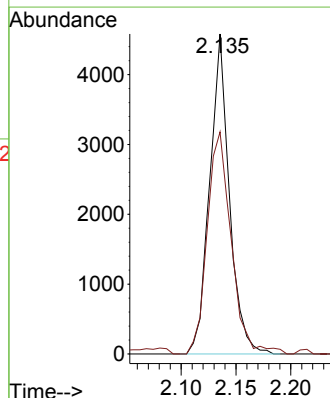
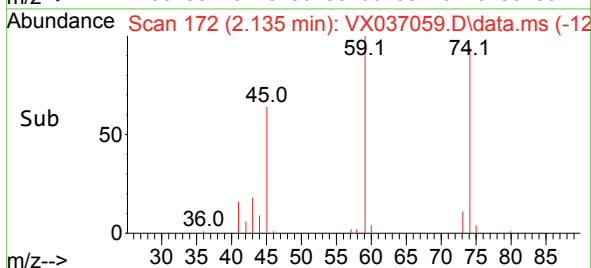
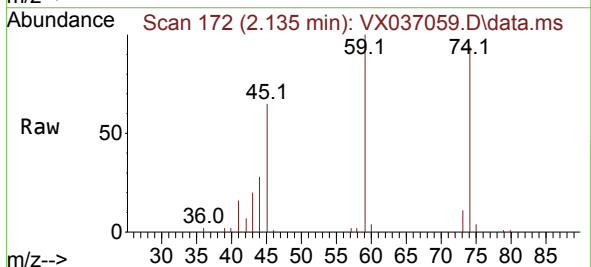


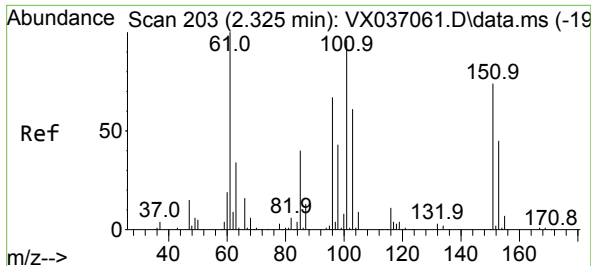
Tgt Ion:101 Resp: 15767  
Ion Ratio Lower Upper  
101 100  
103 65.8 51.4 77.2



#8  
Diethyl Ether  
Concen: 4.763 ug/l  
RT: 2.135 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 74 Resp: 5720  
Ion Ratio Lower Upper  
74 100  
45 84.5 53.3 159.8

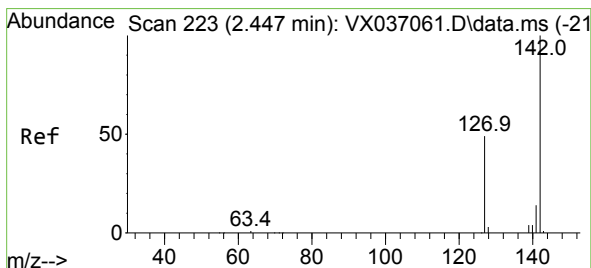
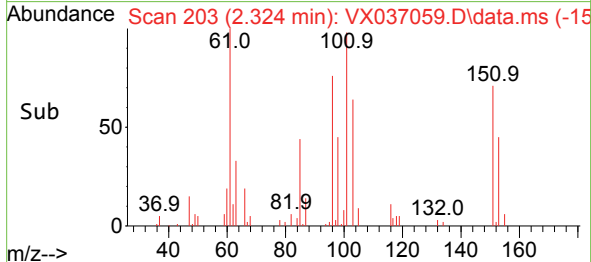
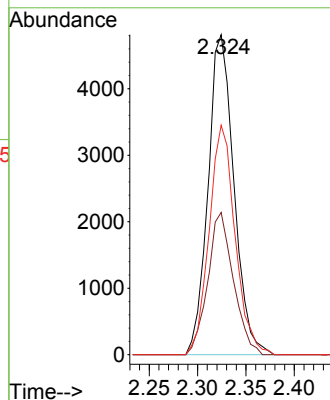
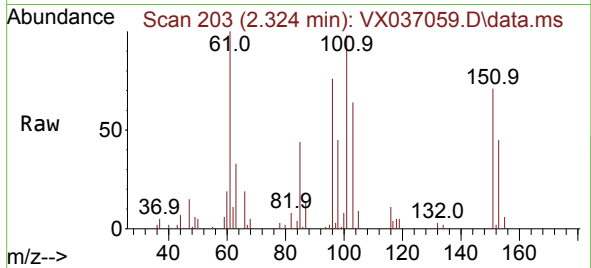




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.947 ug/l  
RT: 2.324 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

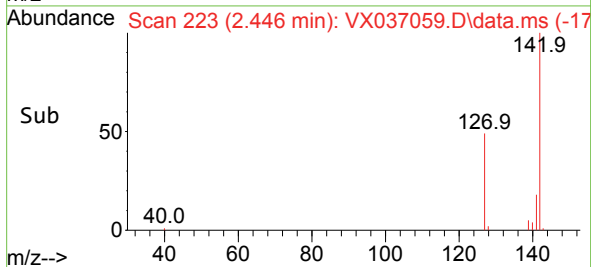
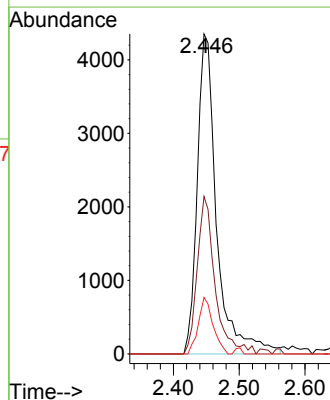
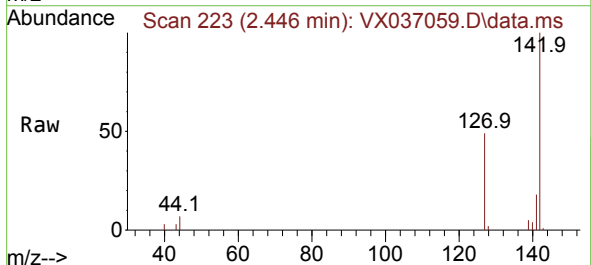
Instrument :  
MSVOA\_X  
ClientSampleId :

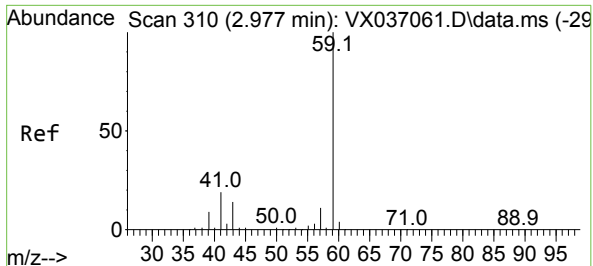
| Tgt Ion | 101   | Resp  | 8959  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 101     | 100   |       |       |
| 85      | 44.0  | 37.0  | 55.6  |
| 151     | 71.9  | 58.6  | 87.8  |



#10  
Methyl Iodide  
Concen: 4.036 ug/l  
RT: 2.446 min Scan# 223  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

| Tgt Ion | 142   | Resp  | 8882  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 142     | 100   |       |       |
| 127     | 45.2  | 41.6  | 62.4  |
| 141     | 13.4  | 11.6  | 17.4  |





#11

Tert butyl alcohol

Concen: 23.812 ug/l

RT: 2.971 min Scan# 30

Delta R.T. -0.006 min

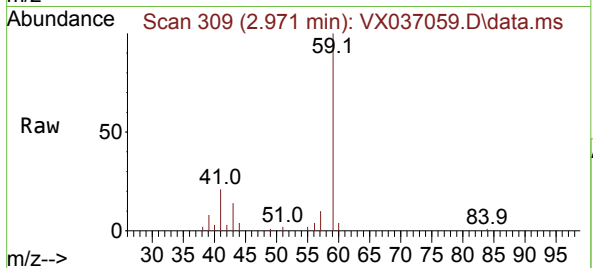
Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :

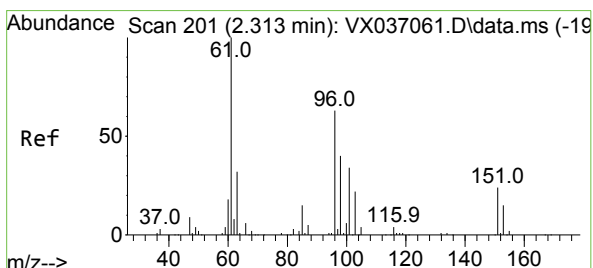
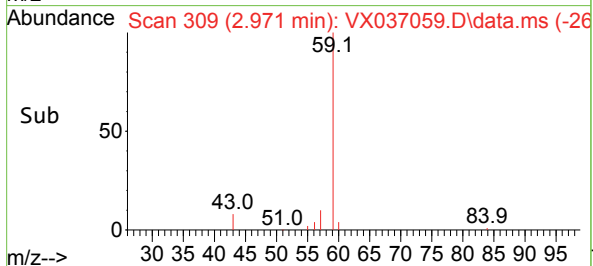
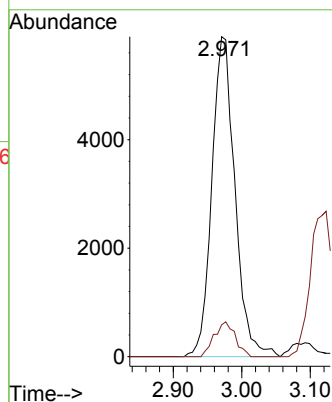


Tgt Ion: 59 Resp: 13795

Ion Ratio Lower Upper

59 100

57 9.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 4.978 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

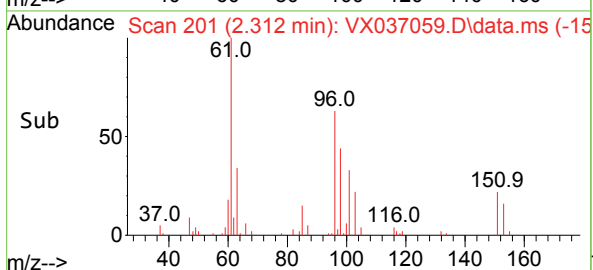
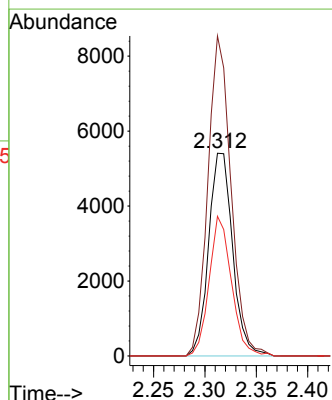
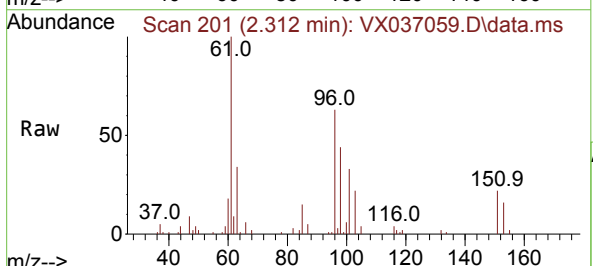
Tgt Ion: 96 Resp: 8779

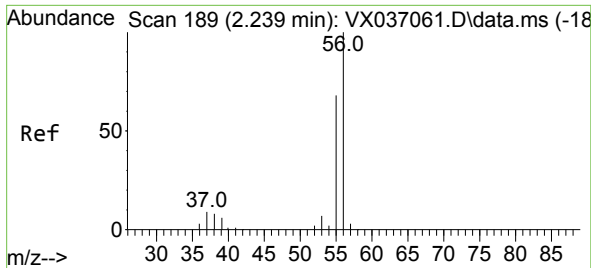
Ion Ratio Lower Upper

96 100

61 157.9 144.6 216.8

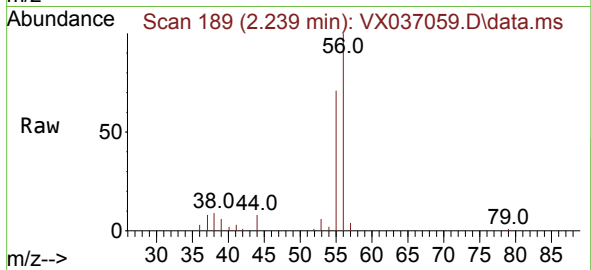
98 68.9 50.4 75.6



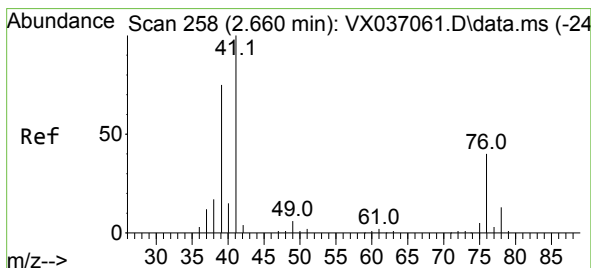
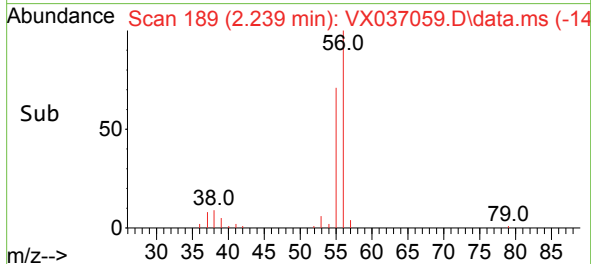
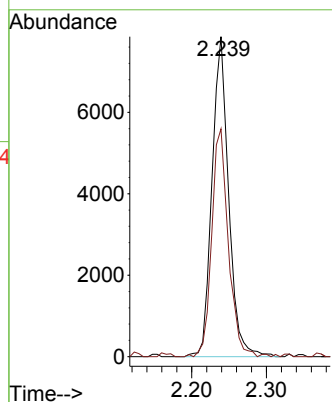


#13  
Acrolein  
Concen: 27.514 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Instrument :  
MSVOA\_X  
ClientSampleId :

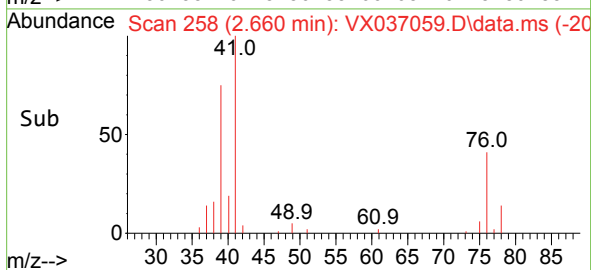
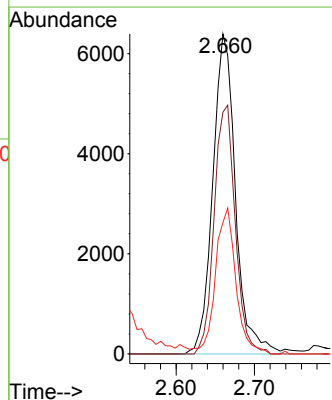
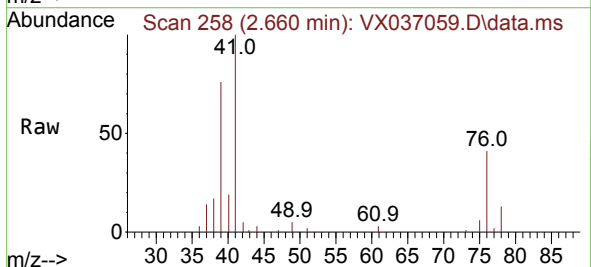


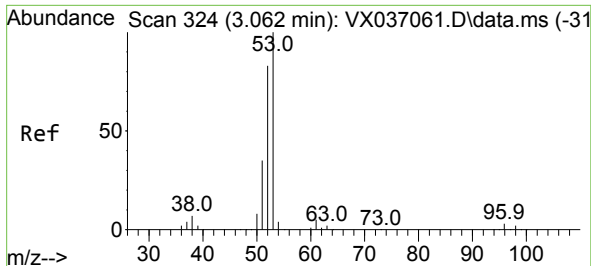
Tgt Ion: 56 Resp: 12126  
Ion Ratio Lower Upper  
56 100  
55 71.2 57.1 85.7



#14  
Allyl chloride  
Concen: 4.728 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 41 Resp: 12905  
Ion Ratio Lower Upper  
41 100  
39 72.3 55.8 83.6  
76 41.3 24.3 36.5

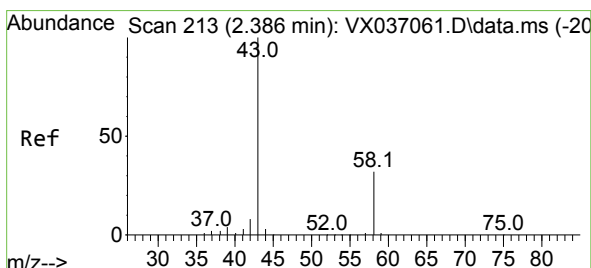
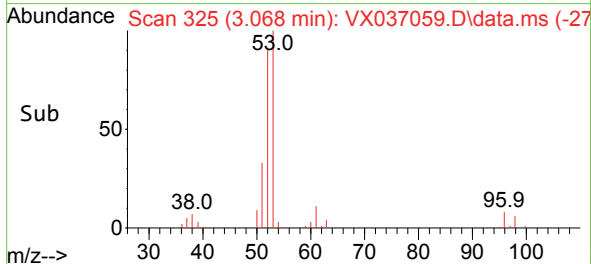
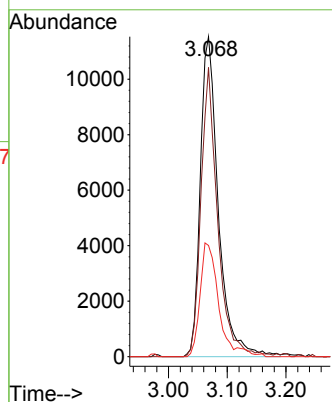
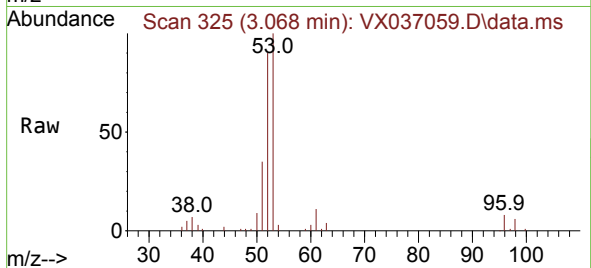




#15  
Acrylonitrile  
Concen: 23.804 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

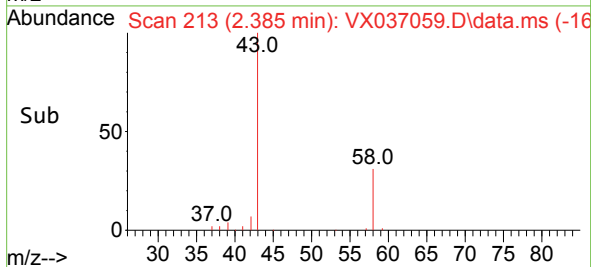
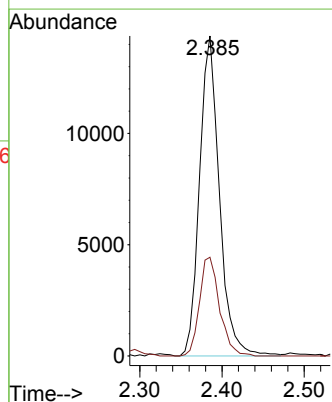
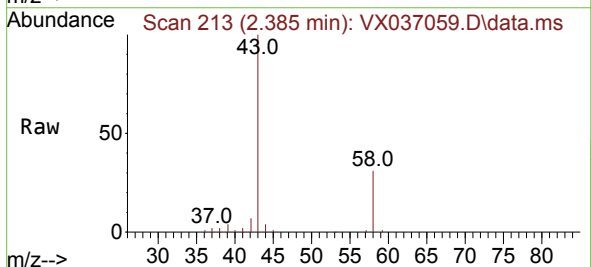
Instrument :  
MSVOA\_X  
ClientSampleId :

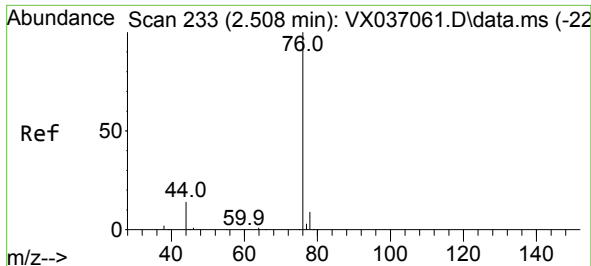
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 24614 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.5  | 66.0  | 99.0  |
| 51       | 36.9  | 29.8  | 44.6  |



#16  
Acetone  
Concen: 25.002 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 24156 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.9  | 21.9  | 32.9  |

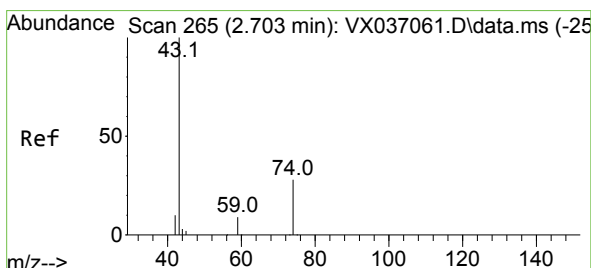
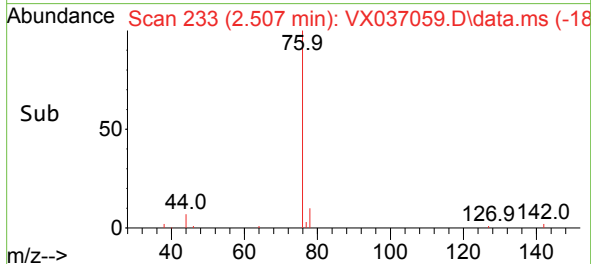
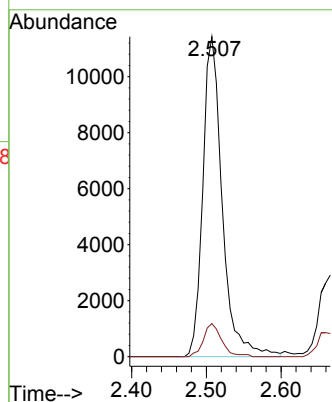
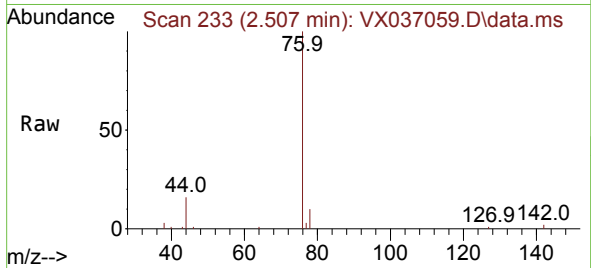




#17  
Carbon Disulfide  
Concen: 4.594 ug/l  
RT: 2.507 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

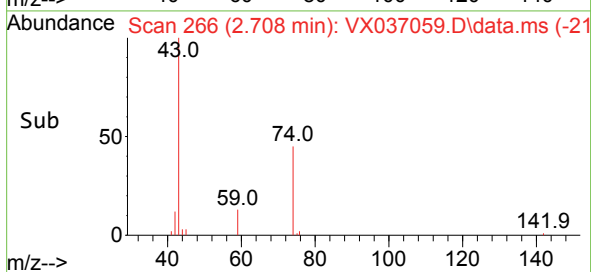
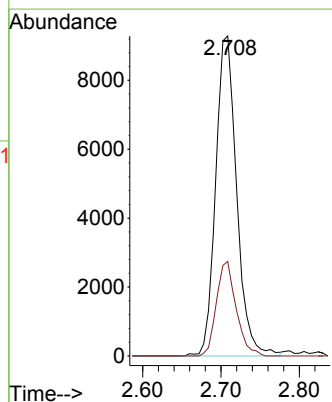
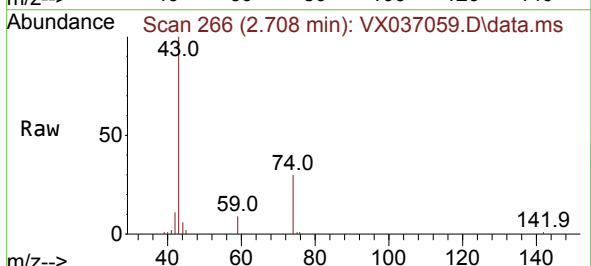
Instrument :  
MSVOA\_X  
ClientSampleId :

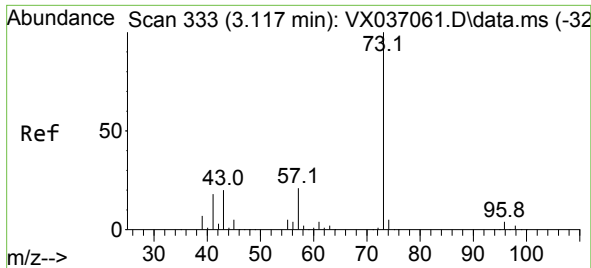
Tgt Ion: 76 Resp: 20606  
Ion Ratio Lower Upper  
76 100  
78 10.4 7.0 10.6



#18  
Methyl Acetate  
Concen: 4.756 ug/l  
RT: 2.708 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 43 Resp: 17302  
Ion Ratio Lower Upper  
43 100  
74 27.8 17.8 26.8#

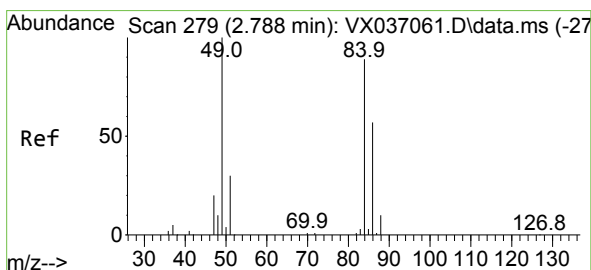
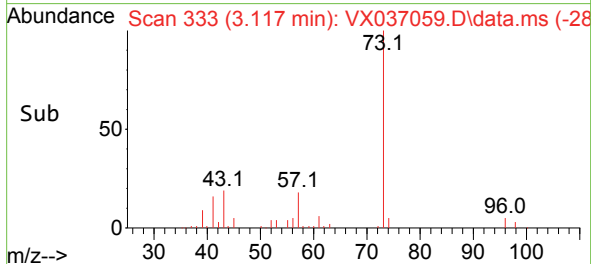
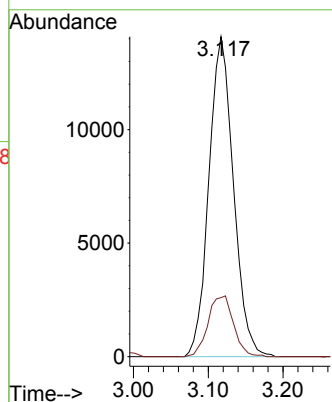
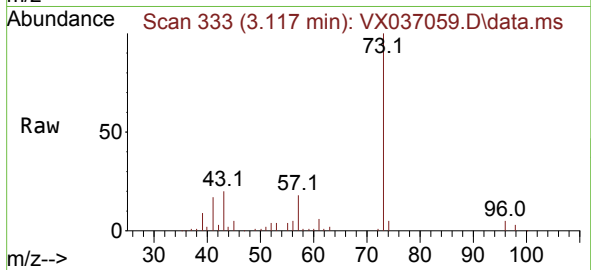




#19  
Methyl tert-butyl Ether  
Concen: 4.812 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

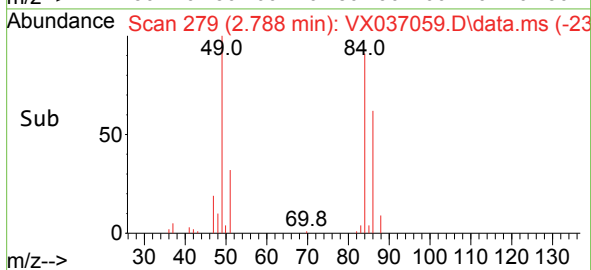
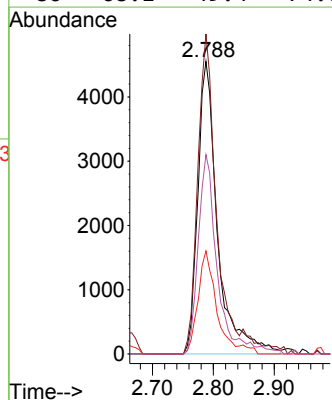
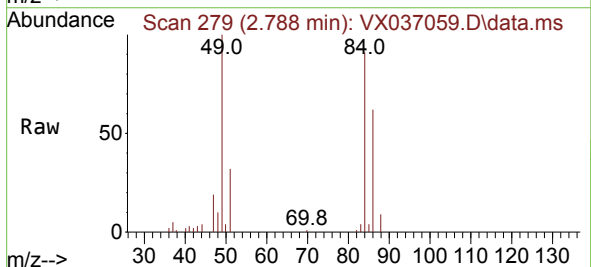
Instrument :  
MSVOA\_X  
ClientSampleId :

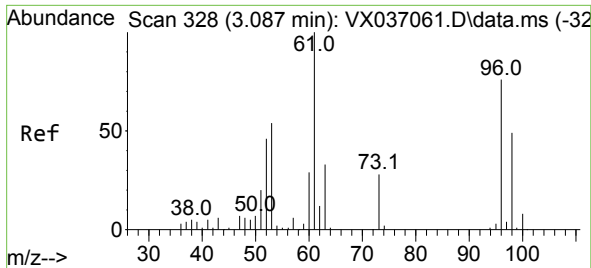
Tgt Ion: 73 Resp: 32181  
Ion Ratio Lower Upper  
73 100  
57 18.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 4.753 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

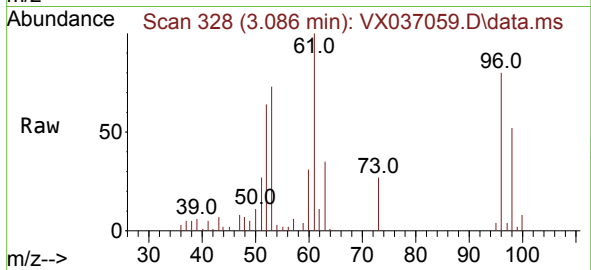
Tgt Ion: 84 Resp: 10270  
Ion Ratio Lower Upper  
84 100  
49 109.4 103.6 155.4  
51 35.3 33.8 50.6  
86 68.1 49.4 74.0



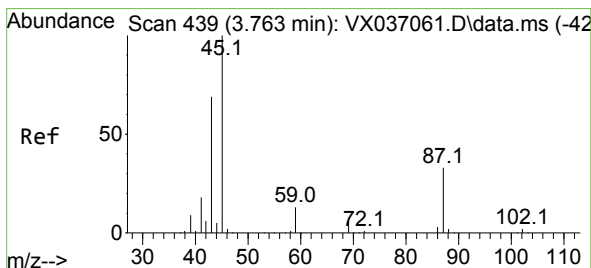
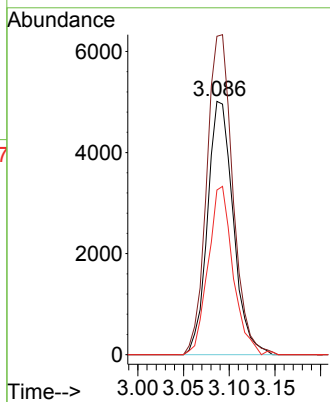
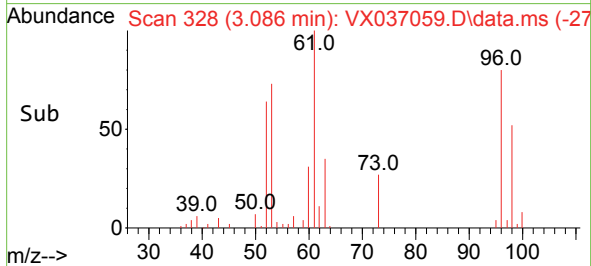


#21  
trans-1,2-Dichloroethene  
Concen: 4.897 ug/l  
RT: 3.086 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

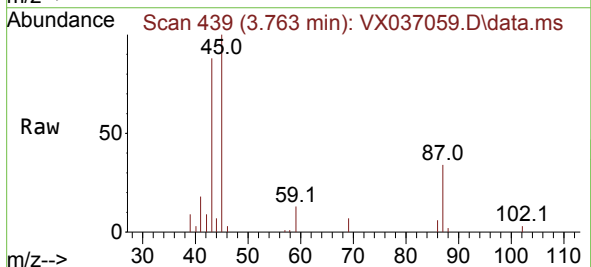
Instrument :  
MSVOA\_X  
ClientSampleId :



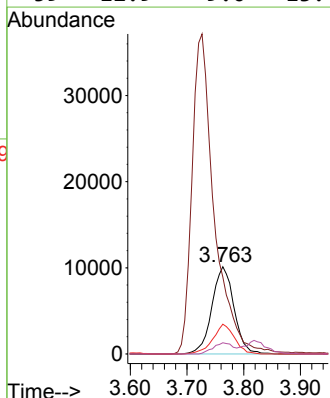
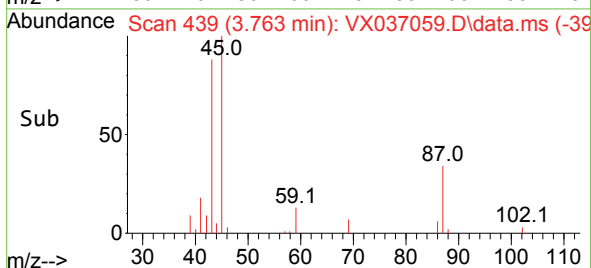
Tgt Ion: 96 Resp: 9817  
Ion Ratio Lower Upper  
96 100  
61 125.7 119.2 178.8  
98 65.0 48.7 73.1

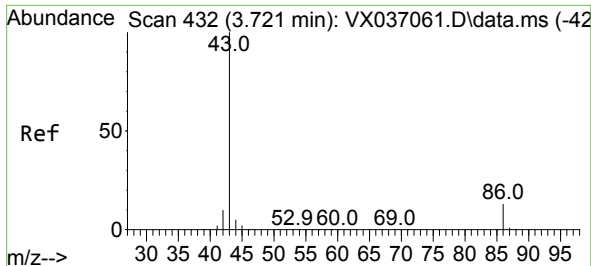


#22  
Diisopropyl ether  
Concen: 4.888 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22



Tgt Ion: 45 Resp: 27377  
Ion Ratio Lower Upper  
45 100  
43 85.9 69.7 104.5  
87 34.2 20.8 31.2#  
59 12.9 9.0 13.4

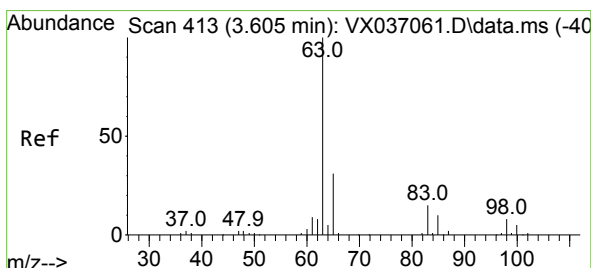
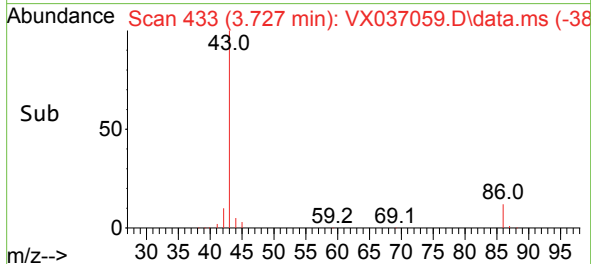
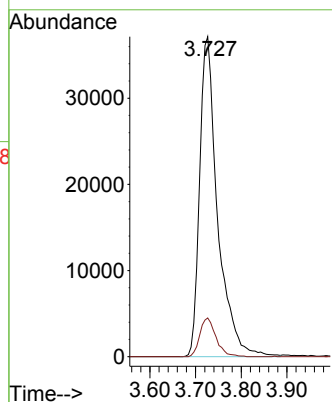
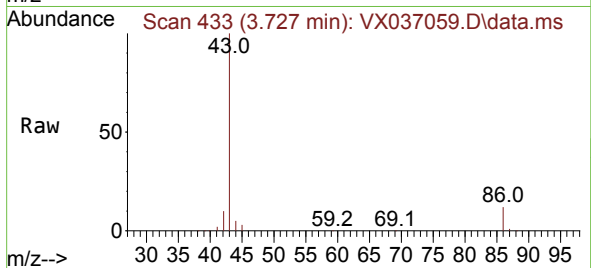




#23  
 Vinyl Acetate  
 Concen: 23.702 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX037059.D  
 Acq: 17 Aug 2023 14:22

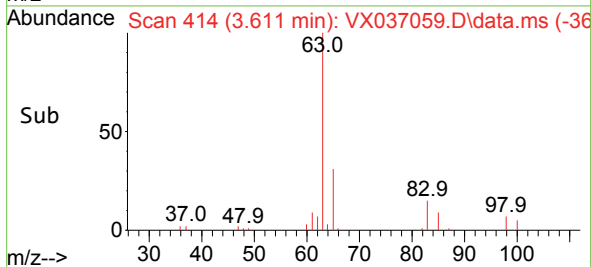
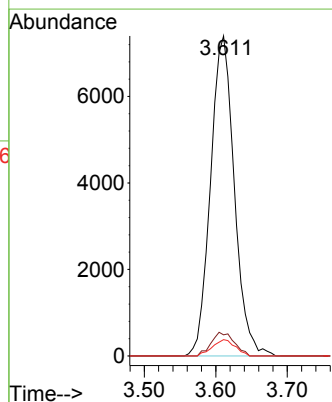
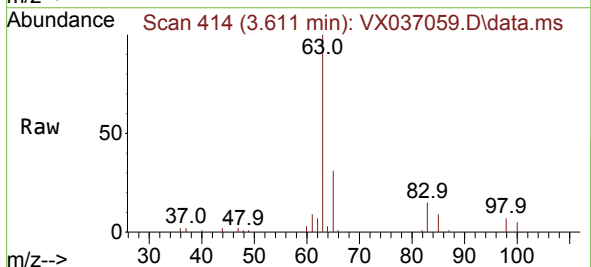
Instrument :  
 MSVOA\_X  
 ClientSampleId :

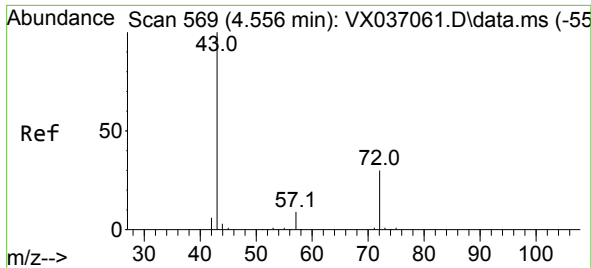
Tgt Ion: 43 Resp: 101732  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 7.8 11.8#



#24  
 1,1-Dichloroethane  
 Concen: 4.868 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX037059.D  
 Acq: 17 Aug 2023 14:22

Tgt Ion: 63 Resp: 17099  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.3 9.8  
 100 5.1 2.1 6.5

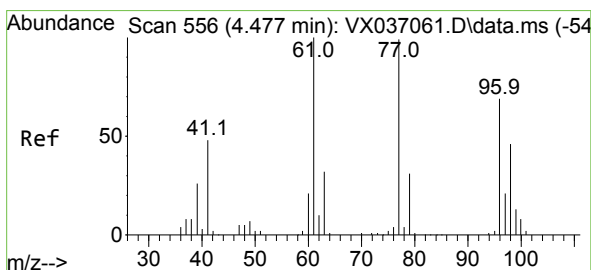
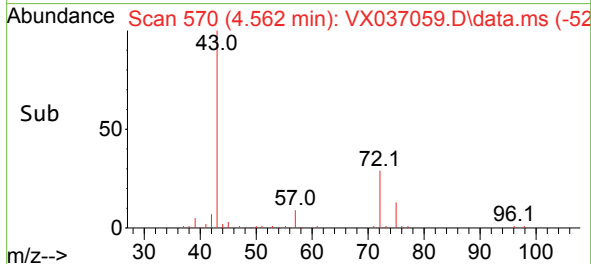
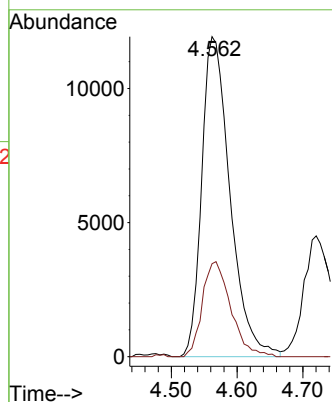
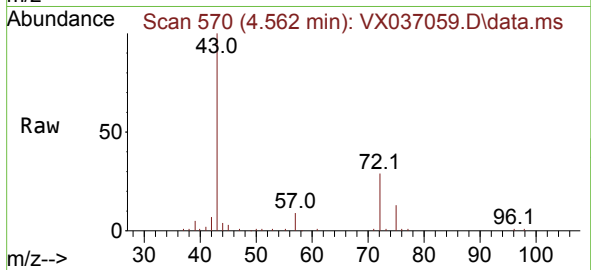




#25  
2-Butanone  
Concen: 24.586 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

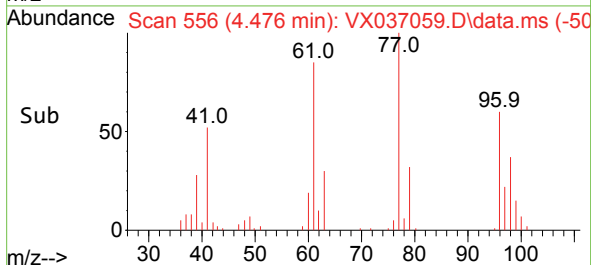
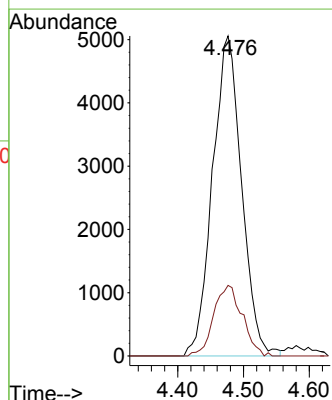
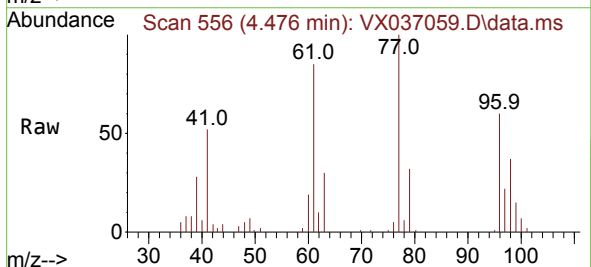
Instrument :  
MSVOA\_X  
ClientSampleId :

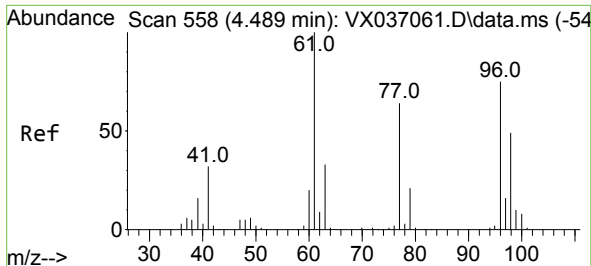
Tgt Ion: 43 Resp: 35766  
Ion Ratio Lower Upper  
43 100  
72 29.1 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 4.959 ug/l  
RT: 4.476 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

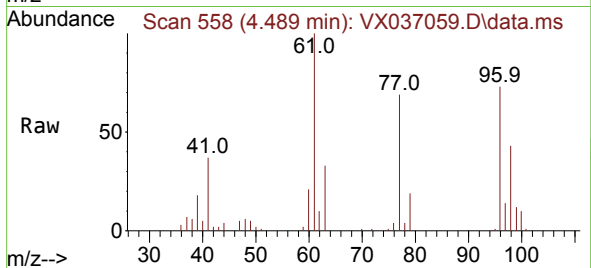
Tgt Ion: 77 Resp: 15556  
Ion Ratio Lower Upper  
77 100  
97 21.7 10.8 32.3



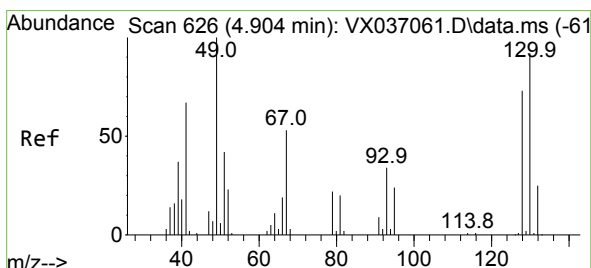
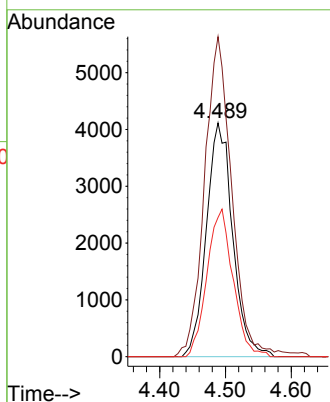
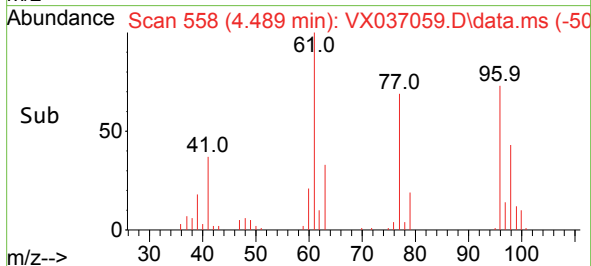


#27  
cis-1,2-Dichloroethene  
Concen: 4.844 ug/l  
RT: 4.489 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Instrument :  
MSVOA\_X  
ClientSampleId :

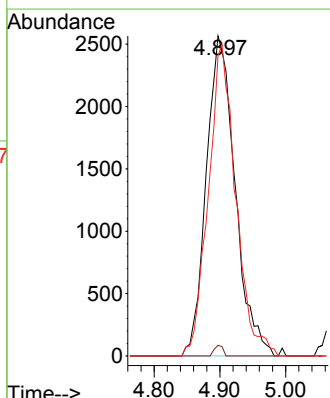
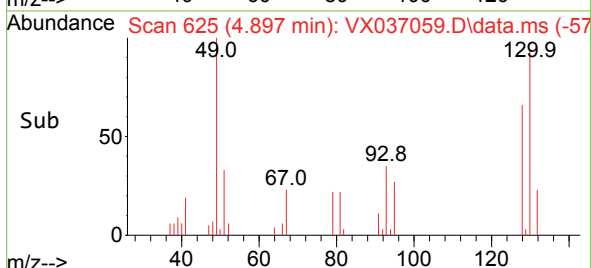
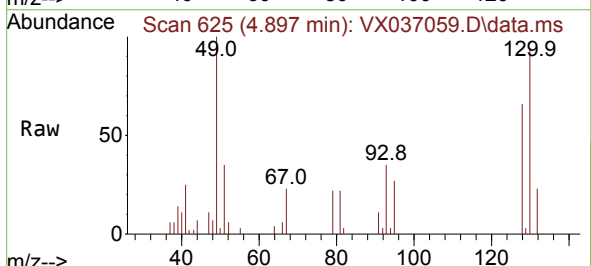


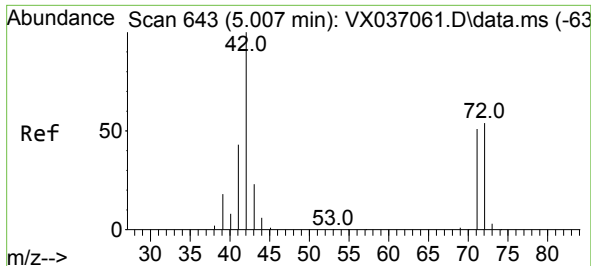
Tgt Ion: 96 Resp: 11447  
Ion Ratio Lower Upper  
96 100  
61 142.5 0.0 312.2  
98 62.5 0.0 129.0



#28  
Bromochloromethane  
Concen: 4.987 ug/l  
RT: 4.897 min Scan# 625  
Delta R.T. -0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 49 Resp: 7824  
Ion Ratio Lower Upper  
49 100  
129 1.0 0.0 3.8  
130 92.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 24.563 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

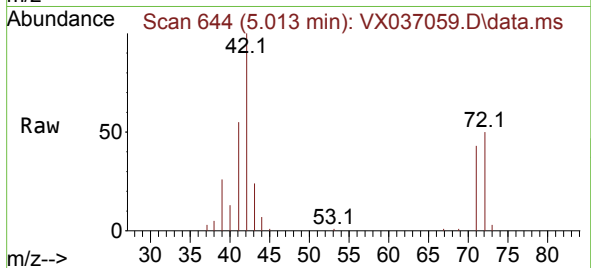
Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :



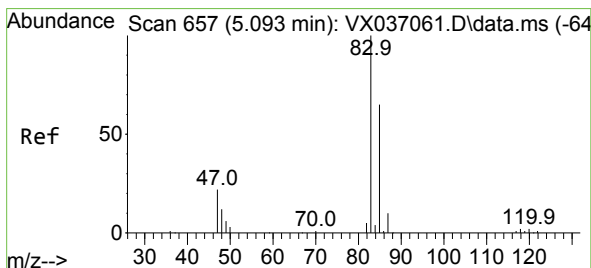
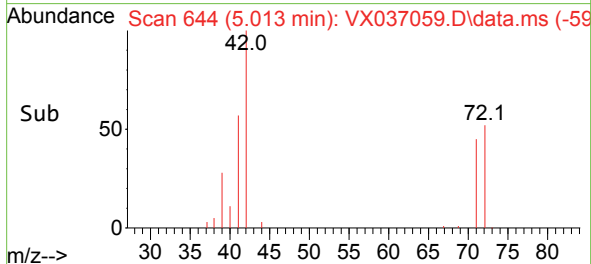
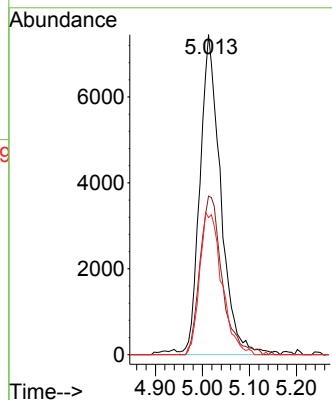
Tgt Ion: 42 Resp: 22788

Ion Ratio Lower Upper

42 100

72 52.9 34.2 51.4#

71 47.6 32.2 48.2



#30

Chloroform

Concen: 4.752 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037059.D

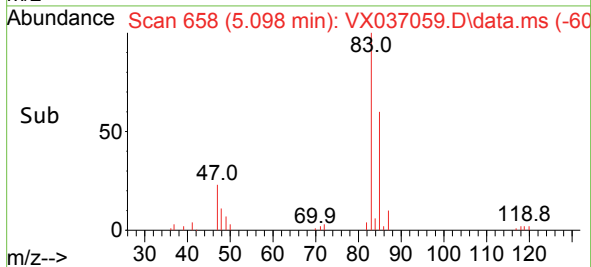
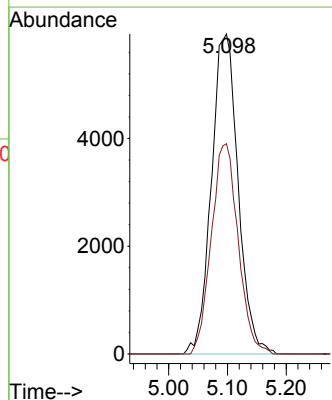
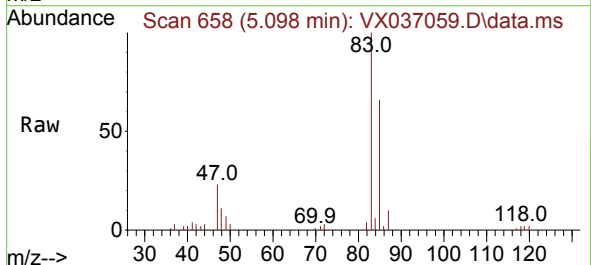
Acq: 17 Aug 2023 14:22

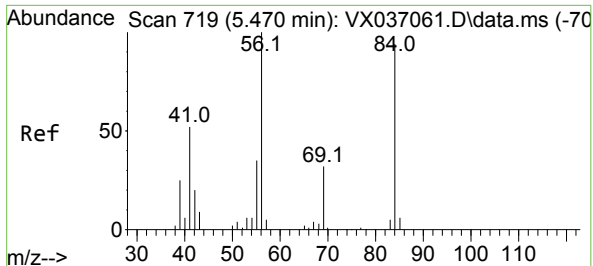
Tgt Ion: 83 Resp: 18737

Ion Ratio Lower Upper

83 100

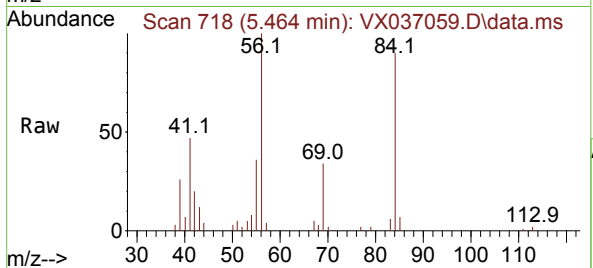
85 65.7 50.3 75.5



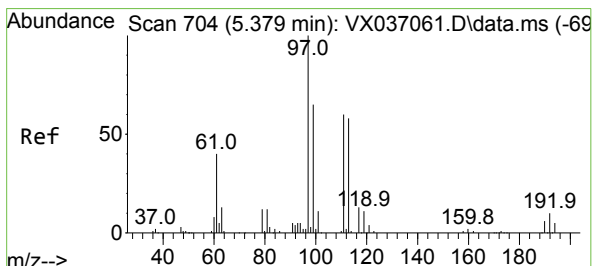
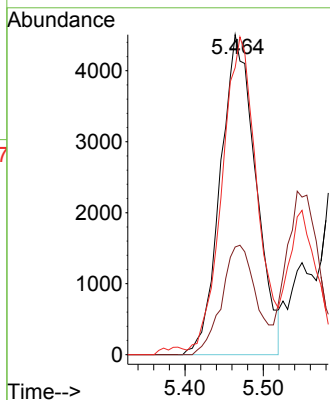
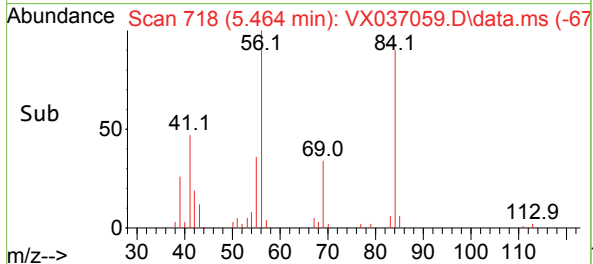


#31  
Cyclohexane  
Concen: 5.101 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

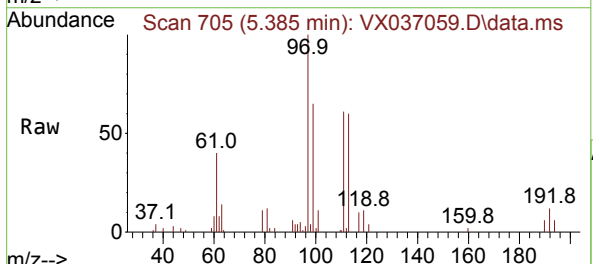
Instrument :  
MSVOA\_X  
ClientSampleId :



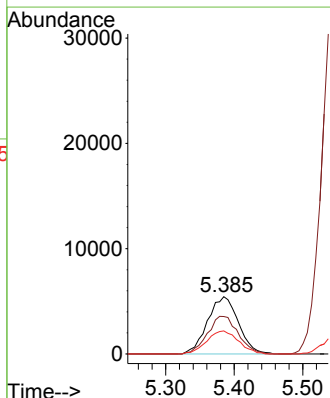
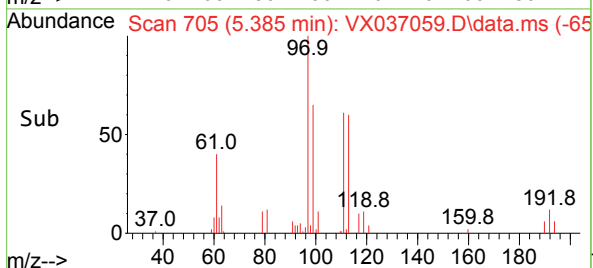
Tgt Ion: 56 Resp: 14166  
Ion Ratio Lower Upper  
56 100  
69 33.7 23.4 35.2  
84 87.3 65.9 98.9

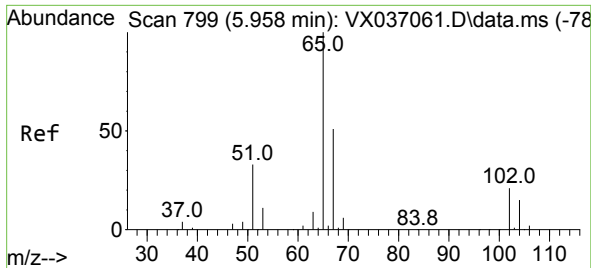


#32  
1,1,1-Trichloroethane  
Concen: 4.800 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22



Tgt Ion: 97 Resp: 16960  
Ion Ratio Lower Upper  
97 100  
99 65.5 51.1 76.7  
61 41.4 36.4 54.6

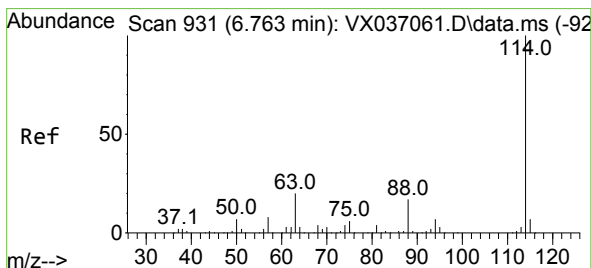
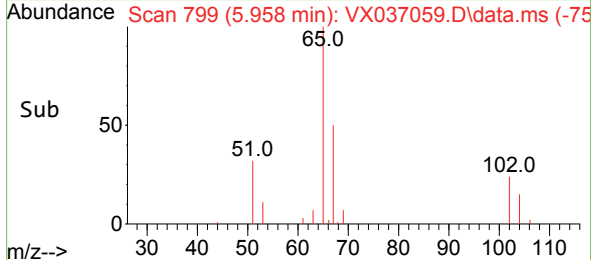
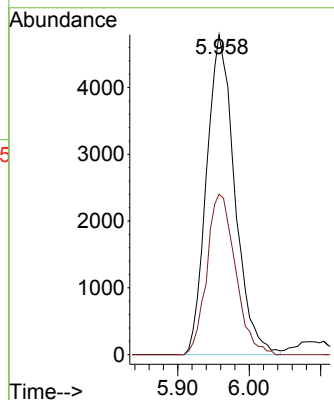
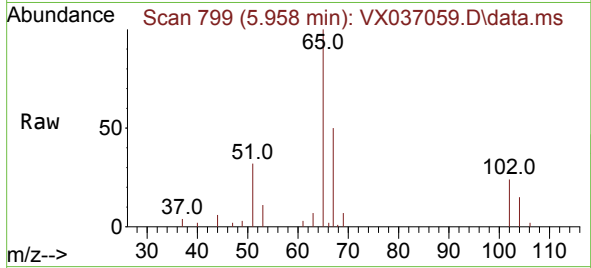




#33  
 1,2-Dichloroethane-d4  
 Concen: 5.308 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: VX037059.D  
 Acq: 17 Aug 2023 14:22

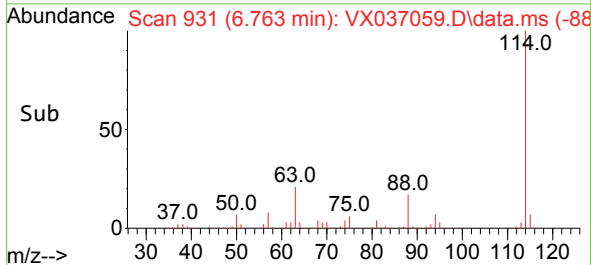
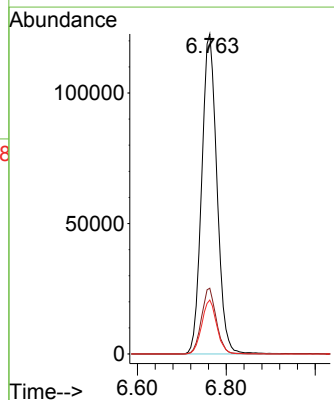
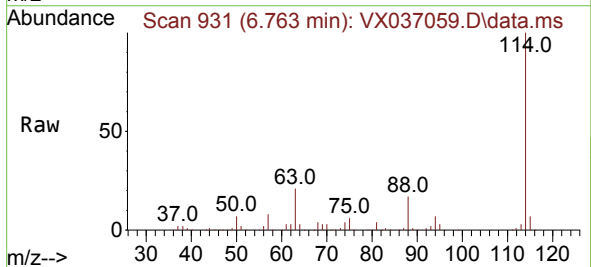
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 65 Resp: 13108  
 Ion Ratio Lower Upper  
 65 100  
 67 50.8 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX037059.D  
 Acq: 17 Aug 2023 14:22

Tgt Ion: 114 Resp: 293080  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 0.0 45.0  
 88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.200 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037059.D

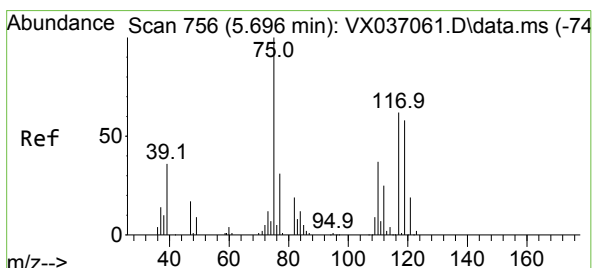
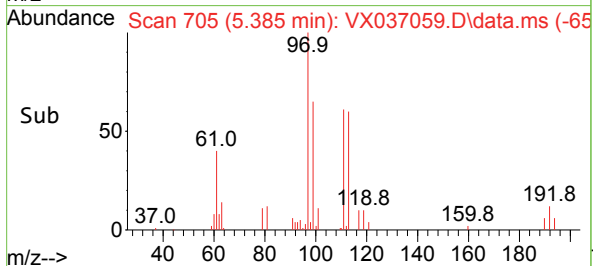
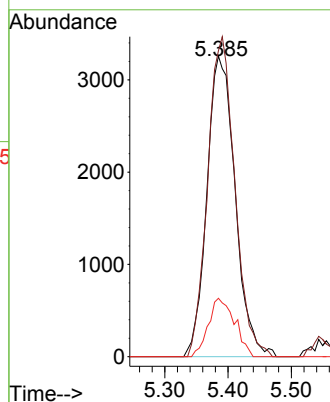
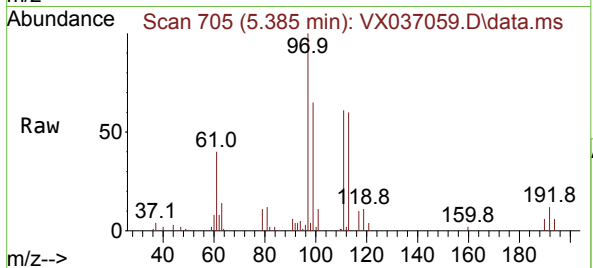
Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:113 | Resp: | 10094       |
| Ion         | Ratio | Lower Upper |
| 113         | 100   |             |
| 111         | 102.4 | 82.9 124.3  |
| 192         | 18.1  | 13.3 19.9   |



#36

1,1-Dichloropropene

Concen: 4.996 ug/l

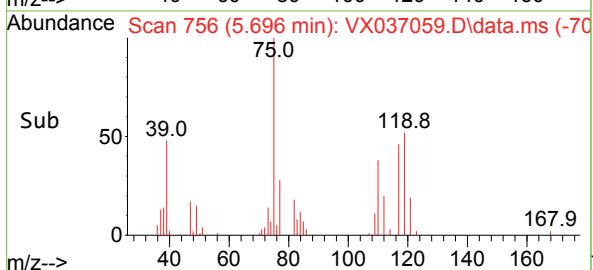
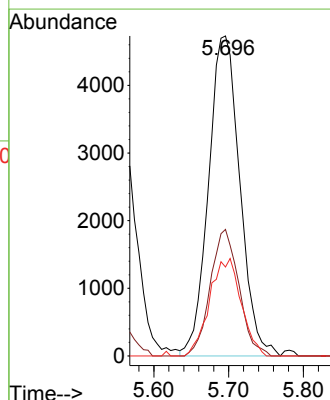
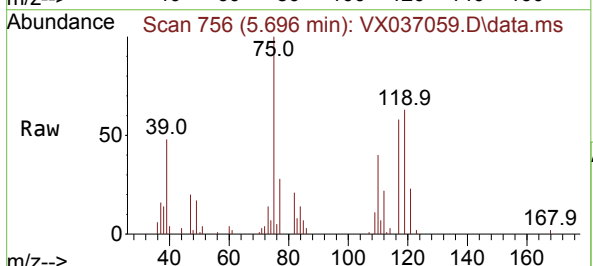
RT: 5.696 min Scan# 756

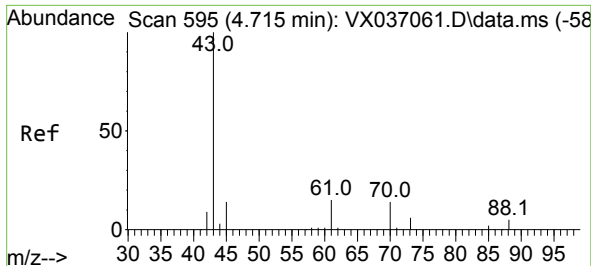
Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 13778       |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 110         | 36.2  | 17.0 50.9   |
| 77          | 30.7  | 24.7 37.1   |





#37

Ethyl Acetate

Concen: 4.769 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

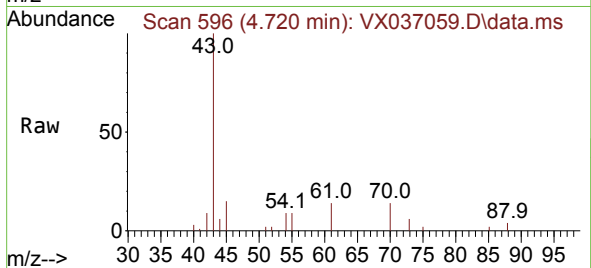
Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

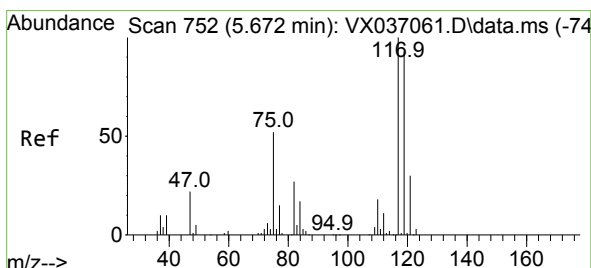
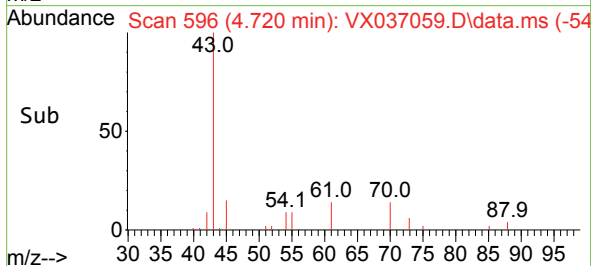
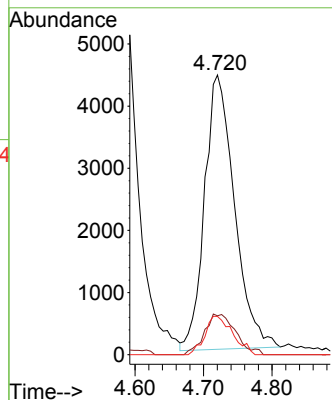
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 13433 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.4  | 10.6  | 16.0  |
| 70       | 12.9  | 8.3   | 12.5  |



#38

Carbon Tetrachloride

Concen: 4.690 ug/l

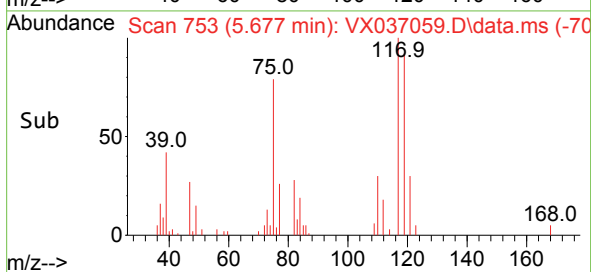
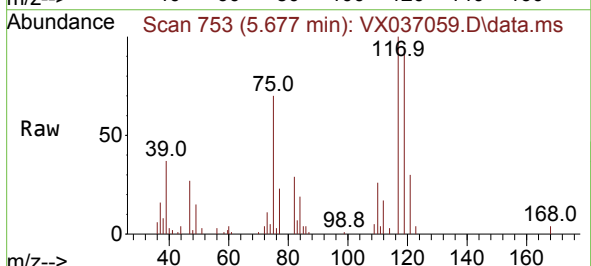
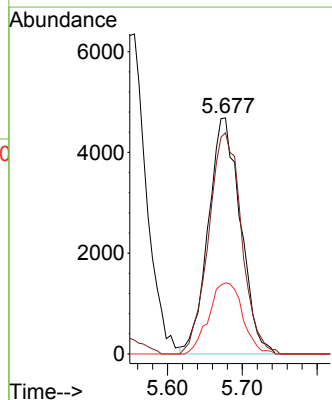
RT: 5.677 min Scan# 753

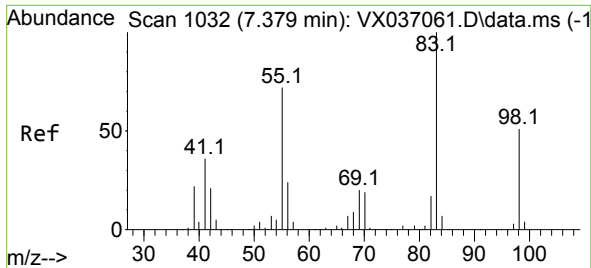
Delta R.T. 0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 14050 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.7  | 78.2  | 117.2 |
| 121      | 30.1  | 24.4  | 36.6  |





#39

Methylcyclohexane

Concen: 5.102 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :

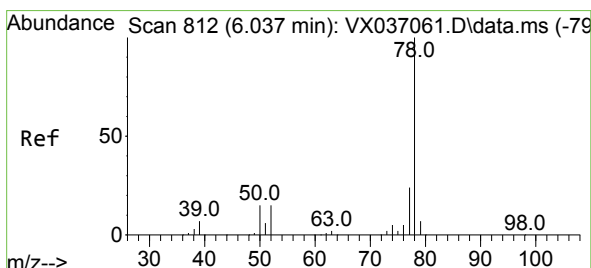
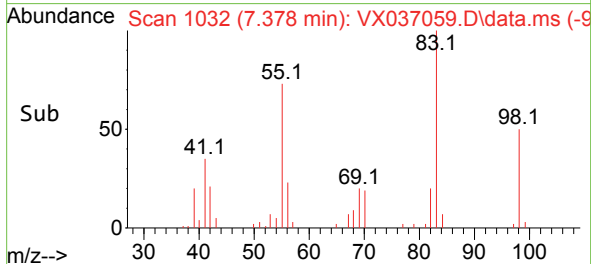
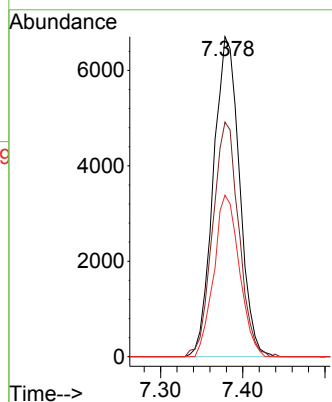
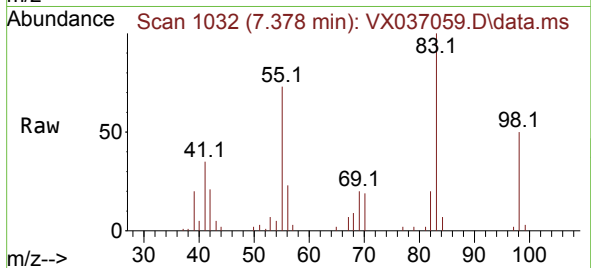
Tgt Ion: 83 Resp: 14782

Ion Ratio Lower Upper

83 100

55 73.3 64.6 97.0

98 50.5 36.7 55.1



#40

Benzene

Concen: 4.947 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX037059.D

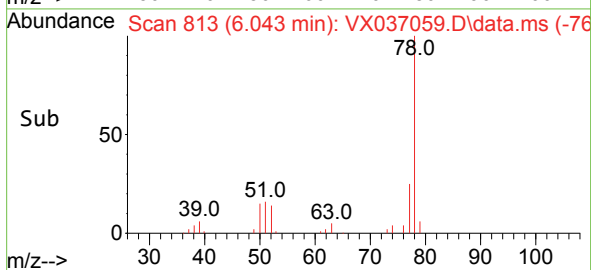
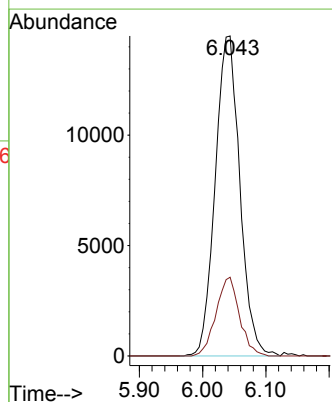
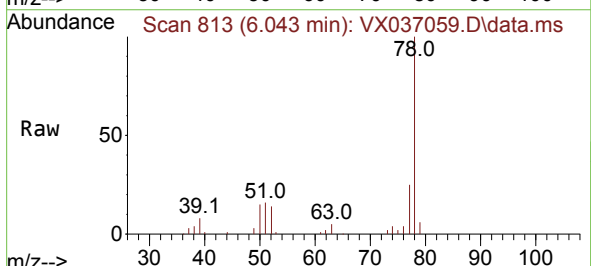
Acq: 17 Aug 2023 14:22

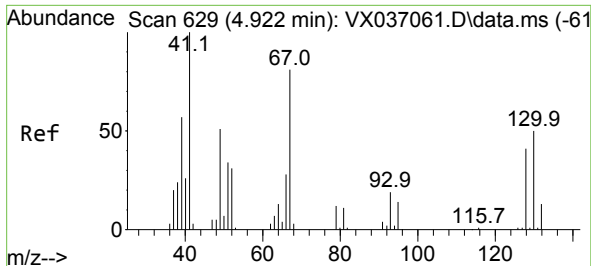
Tgt Ion: 78 Resp: 39128

Ion Ratio Lower Upper

78 100

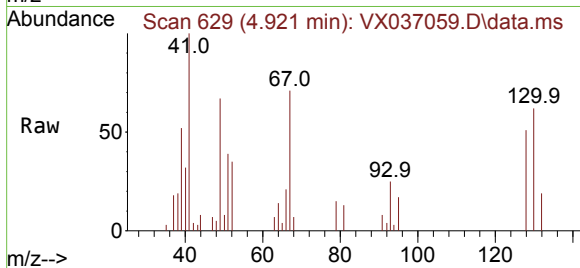
77 24.6 19.3 28.9



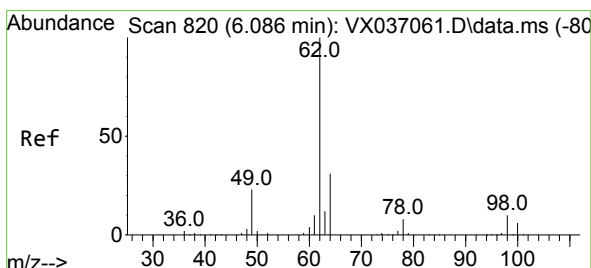
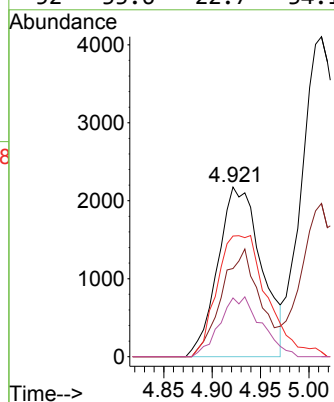
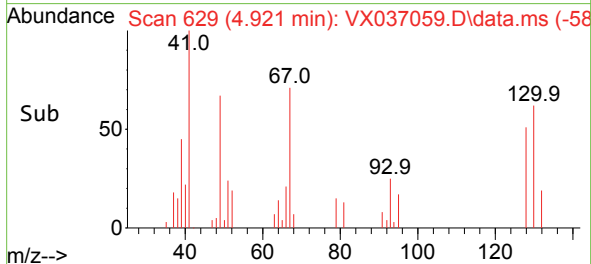


#41  
Methacrylonitrile  
Concen: 4.657 ug/l  
RT: 4.921 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Instrument :  
MSVOA\_X  
ClientSampleId :

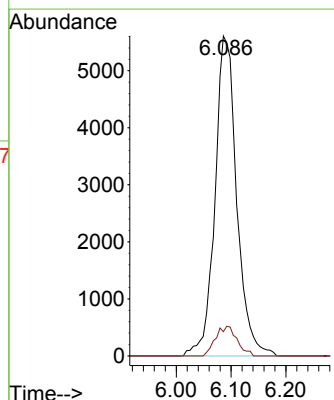
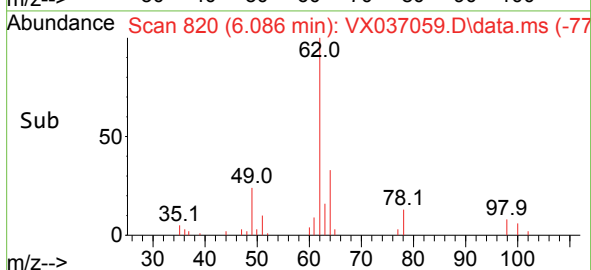
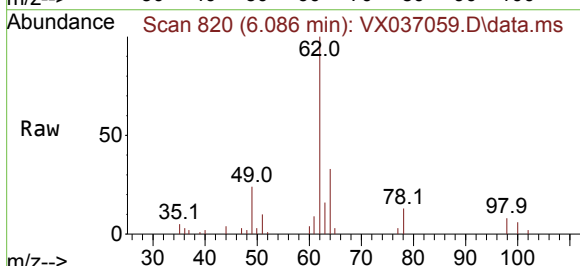


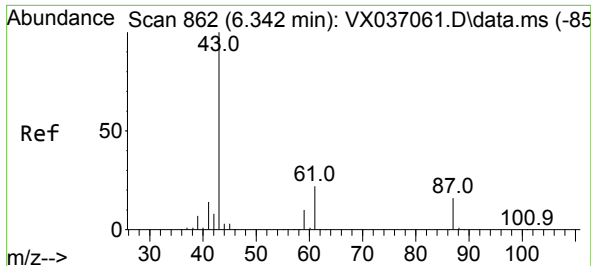
Tgt Ion: 41 Resp: 6819  
Ion Ratio Lower Upper  
41 100  
39 54.9 45.2 67.8  
67 81.9 52.6 78.8#  
52 33.6 22.7 34.1



#42  
1,2-Dichloroethane  
Concen: 4.983 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 62 Resp: 15455  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 16.0

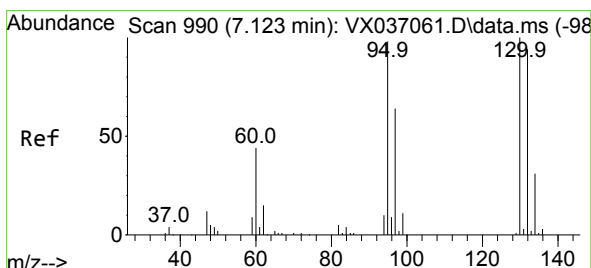
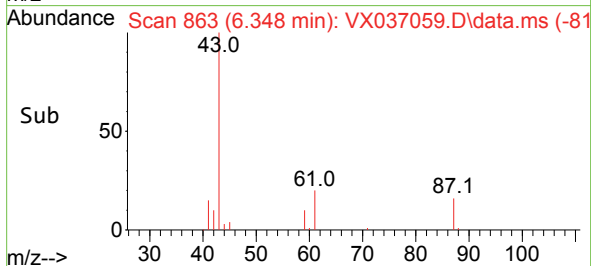
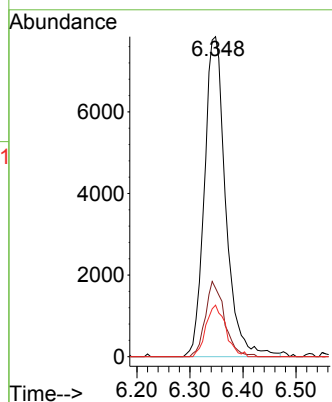
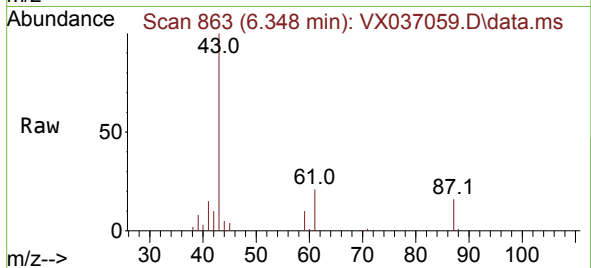




#43  
Isopropyl Acetate  
Concen: 4.888 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

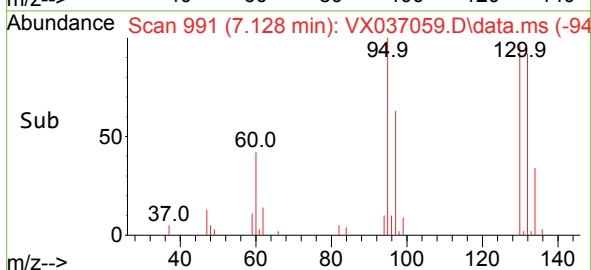
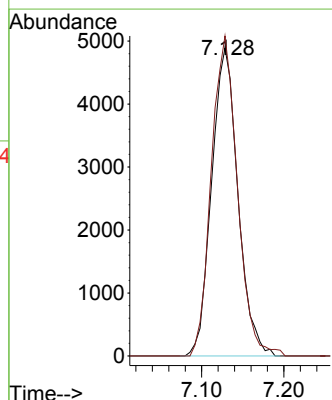
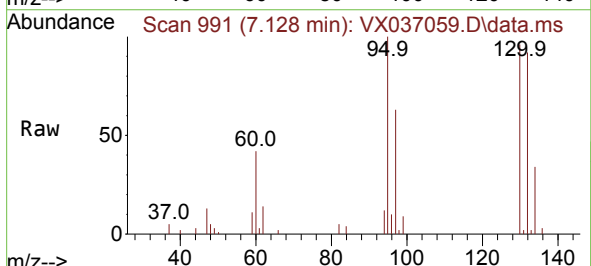
Instrument :  
MSVOA\_X  
ClientSampleId :

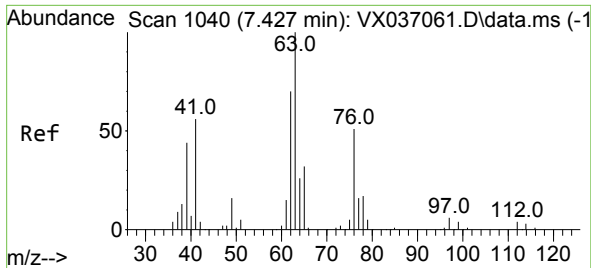
Tgt Ion: 43 Resp: 21862  
Ion Ratio Lower Upper  
43 100  
61 21.1 15.2 22.8  
87 15.0 9.8 14.6#



#44  
Trichloroethene  
Concen: 4.852 ug/l  
RT: 7.128 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion:130 Resp: 10881  
Ion Ratio Lower Upper  
130 100  
95 103.9 0.0 204.4

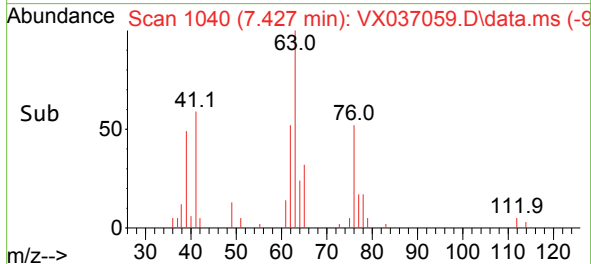
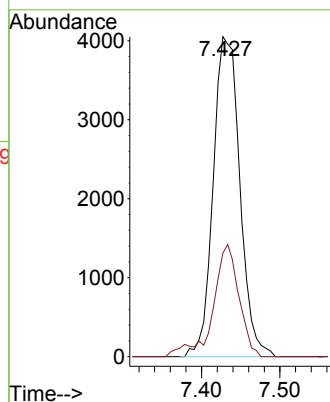
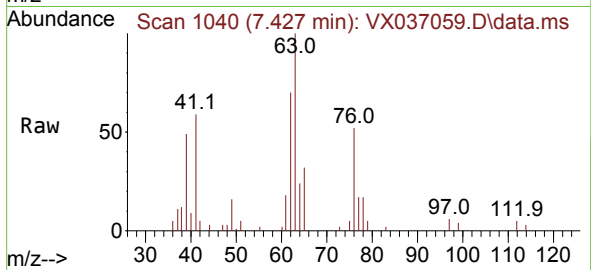




#45  
1,2-Dichloropropane  
Concen: 4.907 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

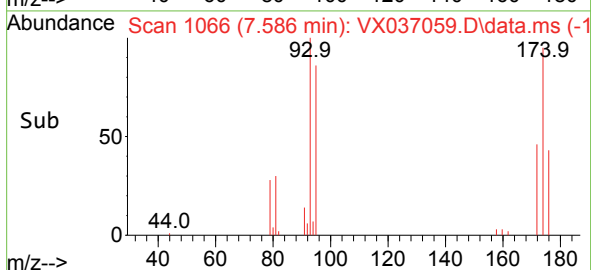
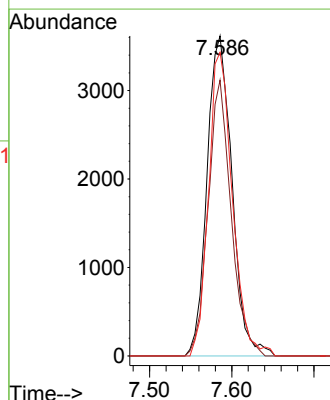
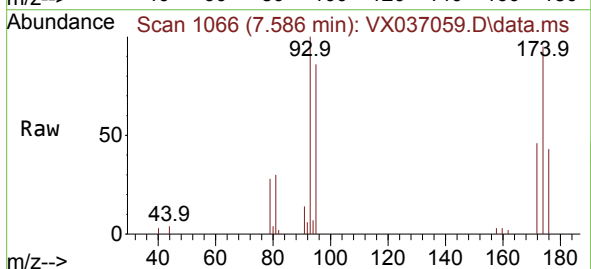
Instrument :  
MSVOA\_X  
ClientSampleId :

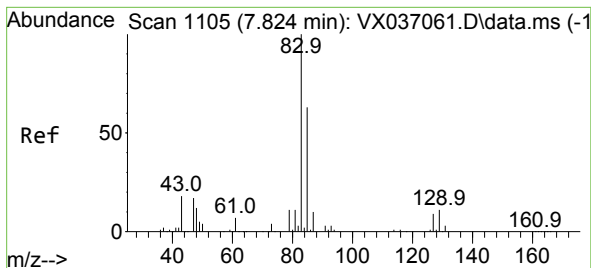
Tgt Ion: 63 Resp: 9570  
Ion Ratio Lower Upper  
63 100  
65 32.4 24.3 36.5



#46  
Dibromomethane  
Concen: 4.956 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 93 Resp: 7613  
Ion Ratio Lower Upper  
93 100  
95 79.8 66.6 100.0  
174 91.3 69.4 104.0





#47

Bromodichloromethane

Concen: 4.643 ug/l

RT: 7.823 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX037059.D

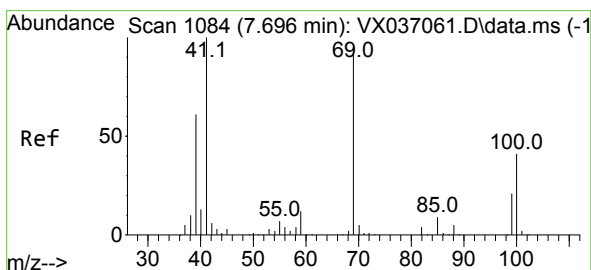
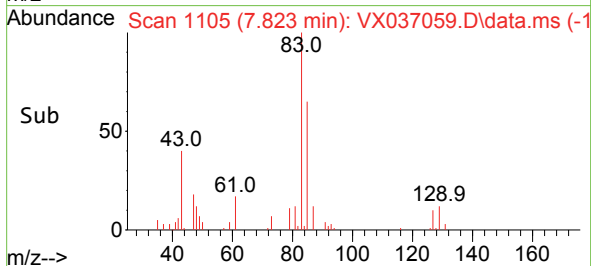
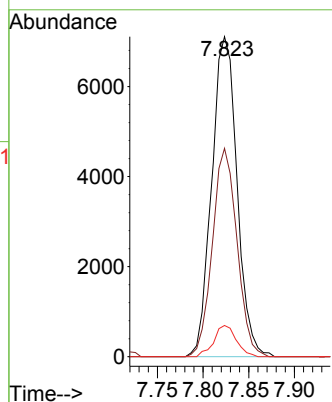
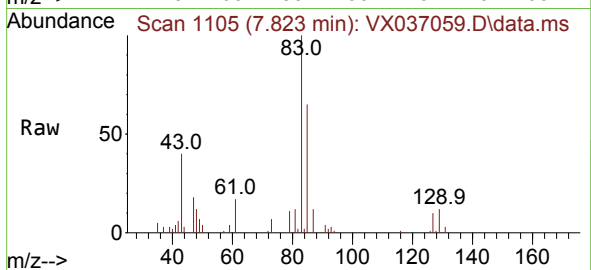
Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 13662 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 65.1     | 49.8 74.6   |
| 127 9.7     | 7.1 10.7    |



#48

Methyl methacrylate

Concen: 4.839 ug/l

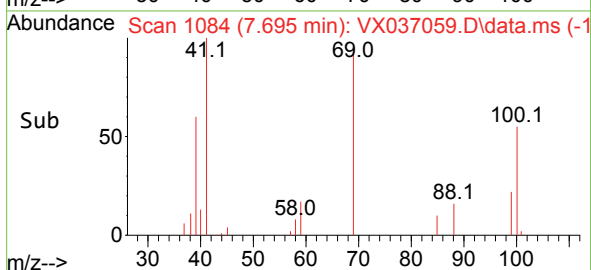
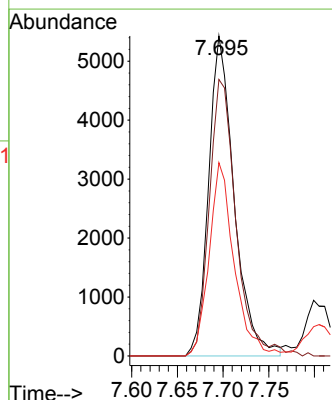
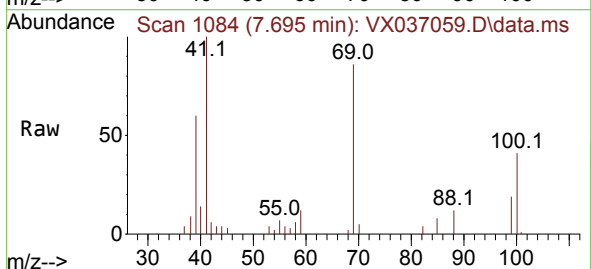
RT: 7.695 min Scan# 1084

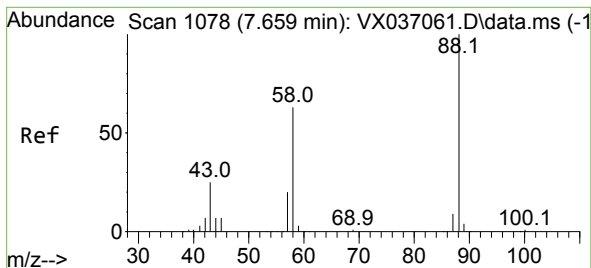
Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 10553 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 90.4     | 59.2 88.8   |
| 39 59.0     | 47.7 71.5   |





#49

1,4-Dioxane

Concen: 96.955 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :

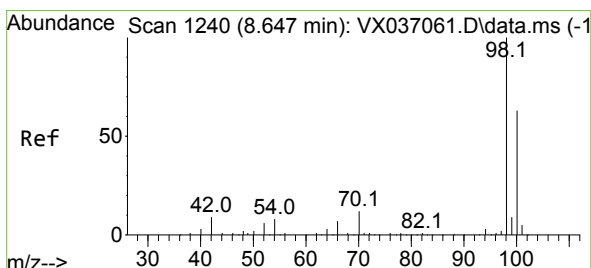
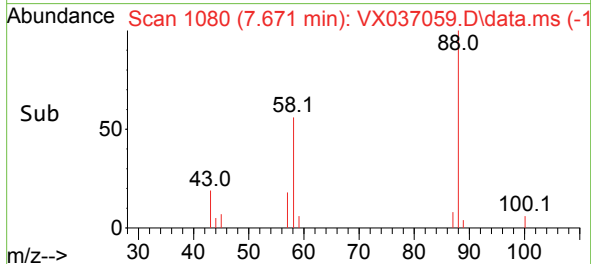
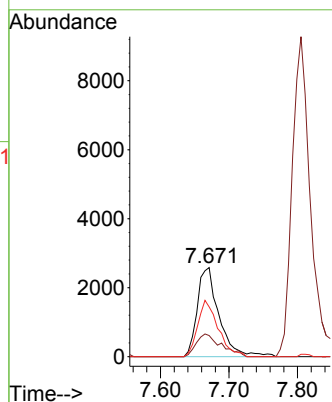
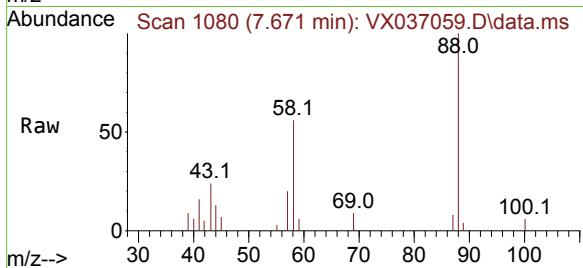
Tgt Ion: 88 Resp: 5695

Ion Ratio Lower Upper

88 100

43 29.3 0.0 0.0#

58 59.5 60.1 90.1#



#50

Toluene-d8

Concen: 5.284 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037059.D

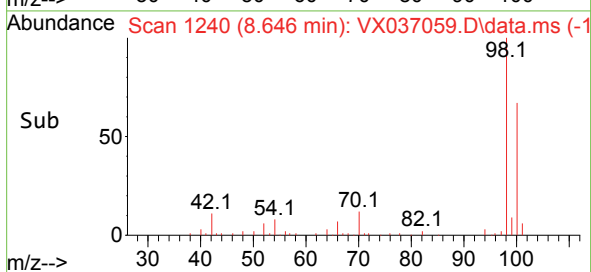
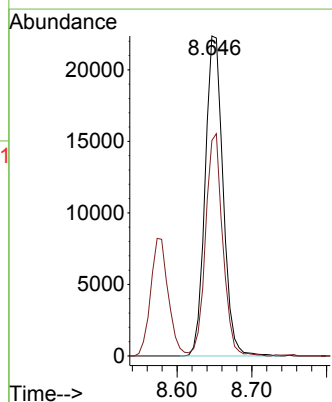
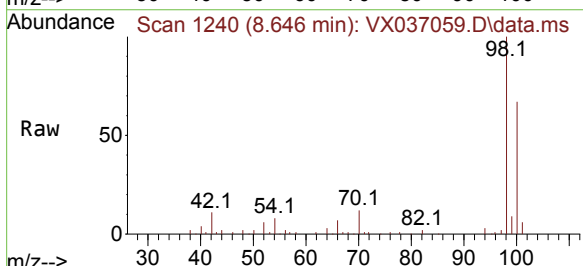
Acq: 17 Aug 2023 14:22

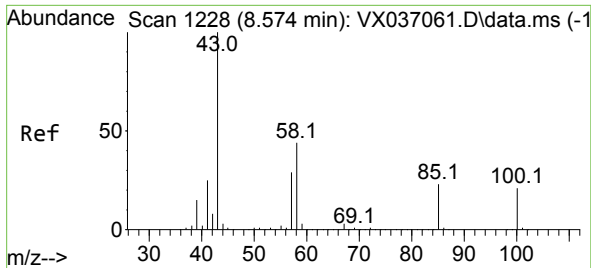
Tgt Ion: 98 Resp: 37202

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

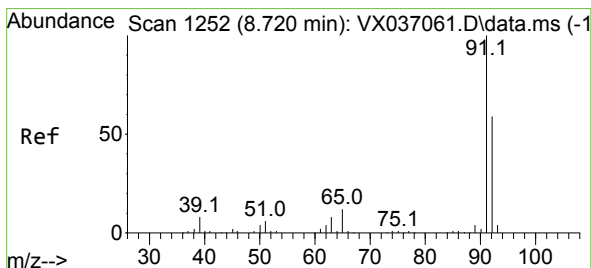
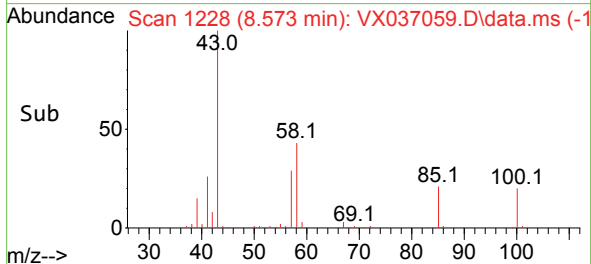
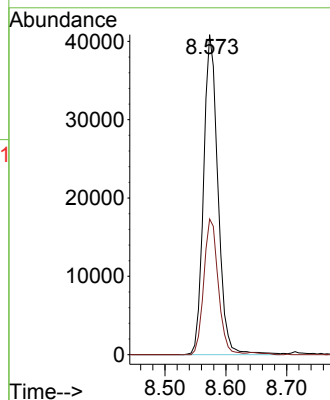
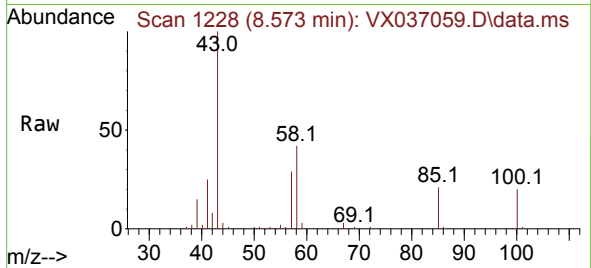




#51  
4-Methyl-2-Pentanone  
Concen: 24.746 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

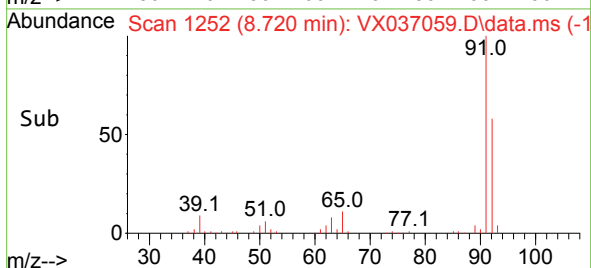
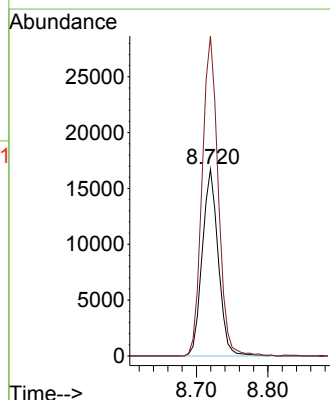
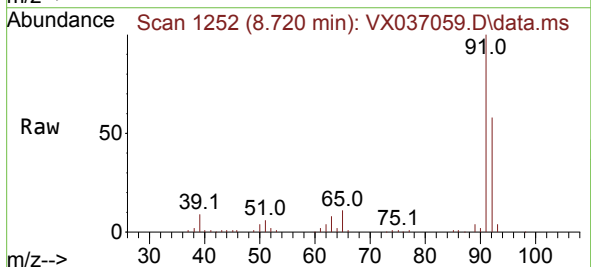
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 67202  
Ion Ratio Lower Upper  
43 100  
58 42.4 30.4 45.6



#52  
Toluene  
Concen: 4.966 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 92 Resp: 25949  
Ion Ratio Lower Upper  
92 100  
91 172.5 134.2 201.2

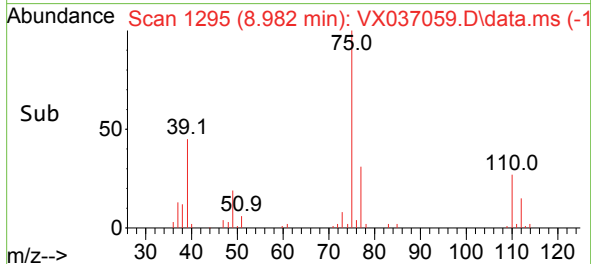
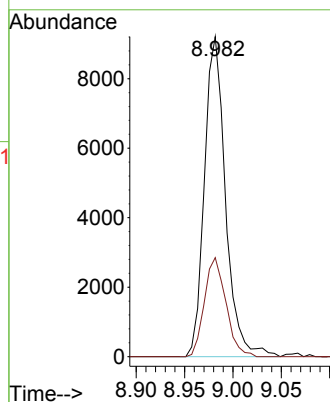
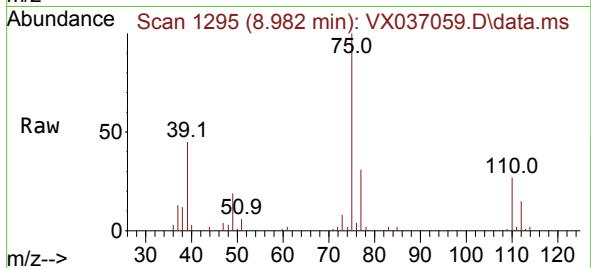




#53  
 t-1,3-Dichloropropene  
 Concen: 4.472 ug/l  
 RT: 8.982 min Scan# 1129  
 Delta R.T. 0.006 min  
 Lab File: VX037059.D  
 Acq: 17 Aug 2023 14:22

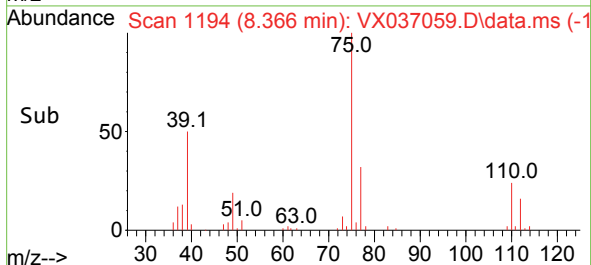
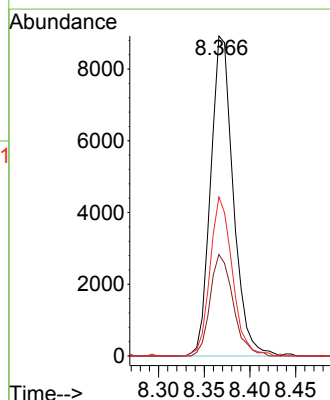
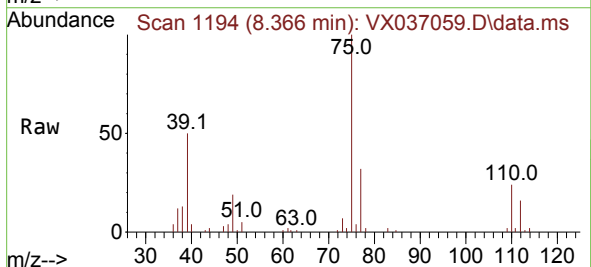
Instrument :  
 MSVOA\_X  
 ClientSampleId :

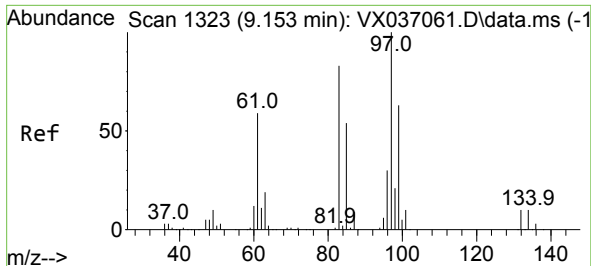
Tgt Ion: 75 Resp: 14011  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.531 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX037059.D  
 Acq: 17 Aug 2023 14:22

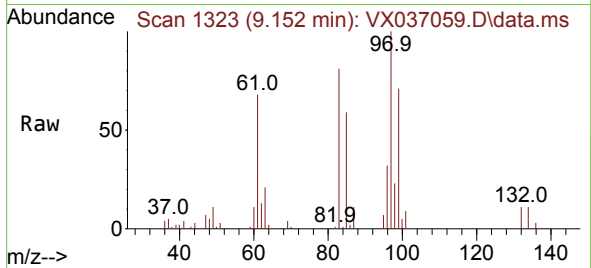
Tgt Ion: 75 Resp: 15341  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.3 37.9  
 39 49.6 46.7 70.1



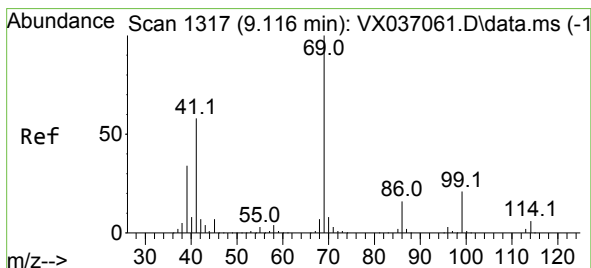
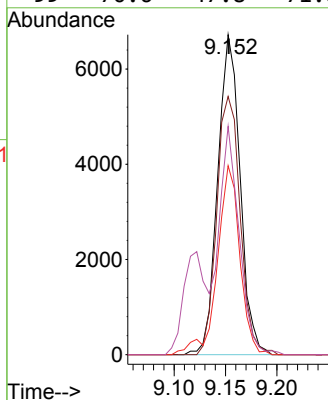
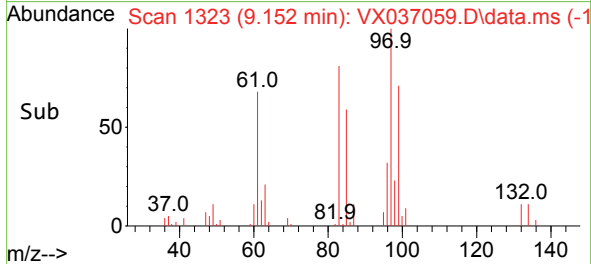


#55  
 1,1,2-Trichloroethane  
 Concen: 4.776 ug/l  
 RT: 9.152 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX037059.D  
 Acq: 17 Aug 2023 14:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :

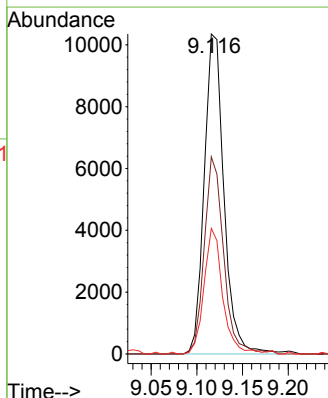
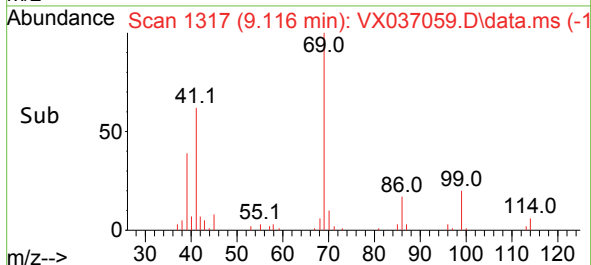
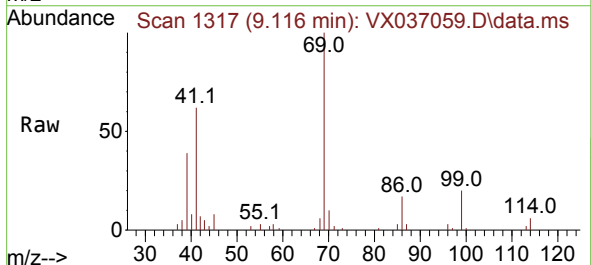


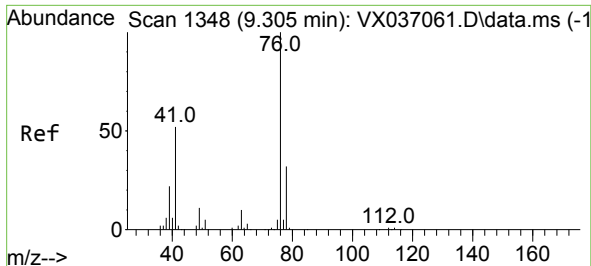
| Tgt Ion: | 97    | Resp: | 10163 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.7  | 65.8  | 98.8  |
| 85       | 59.1  | 41.6  | 62.4  |
| 99       | 70.6  | 47.8  | 71.8  |



#56  
 Ethyl methacrylate  
 Concen: 4.654 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. -0.000 min  
 Lab File: VX037059.D  
 Acq: 17 Aug 2023 14:22

| Tgt Ion: | 69    | Resp: | 15513 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 60.4  | 56.8  | 85.2  |
| 39       | 37.5  | 32.0  | 48.0  |





#57

1,3-Dichloropropane

Concen: 4.862 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

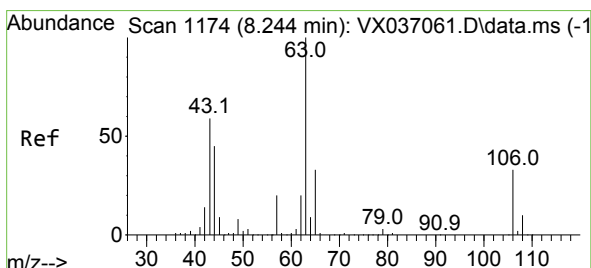
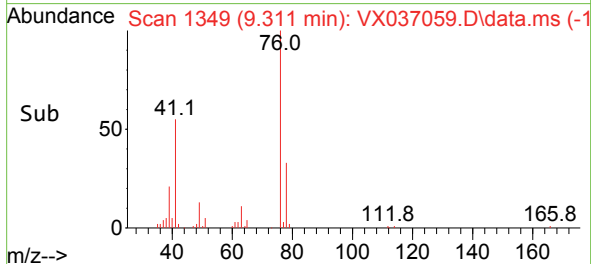
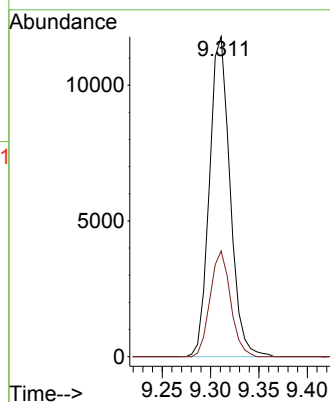
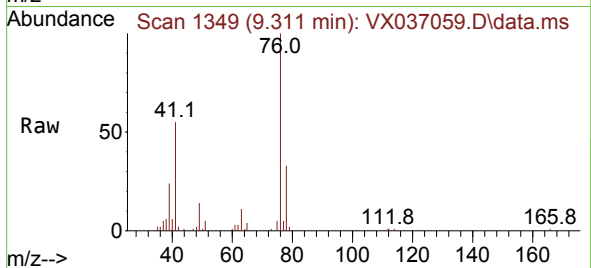
ClientSampleId :

Tgt Ion: 76 Resp: 17441

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 25.382 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037059.D

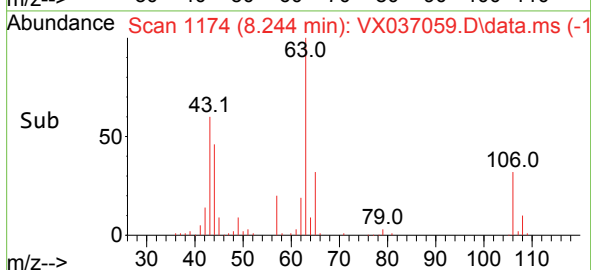
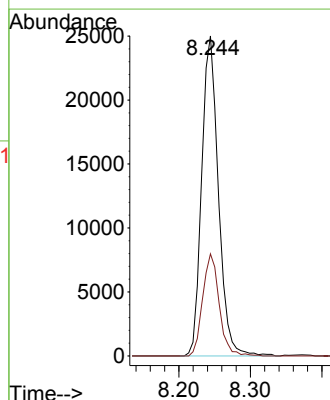
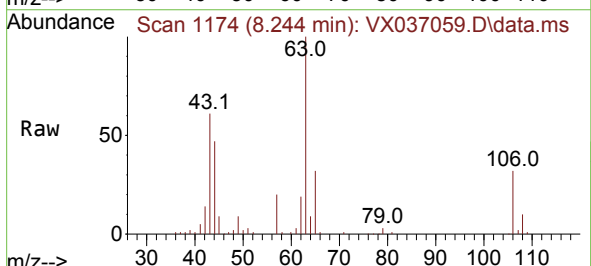
Acq: 17 Aug 2023 14:22

Tgt Ion: 63 Resp: 40597

Ion Ratio Lower Upper

63 100

106 31.6 22.5 33.7

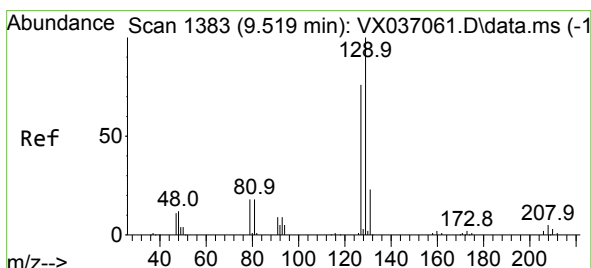
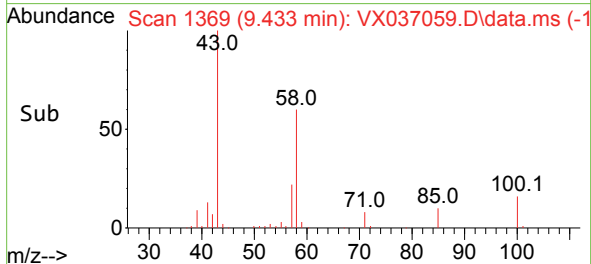
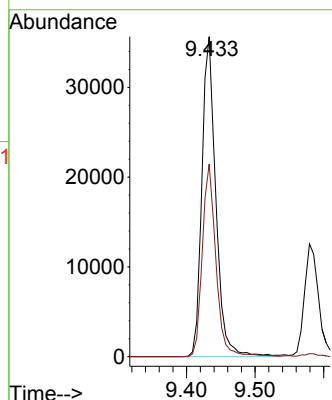
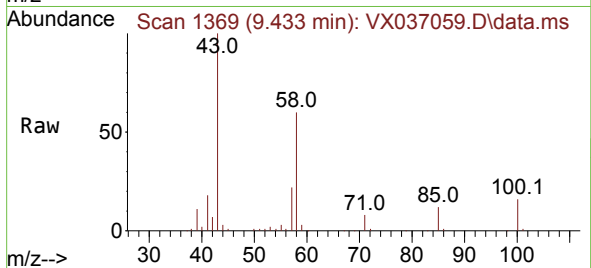




#59  
2-Hexanone  
Concen: 24.421 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

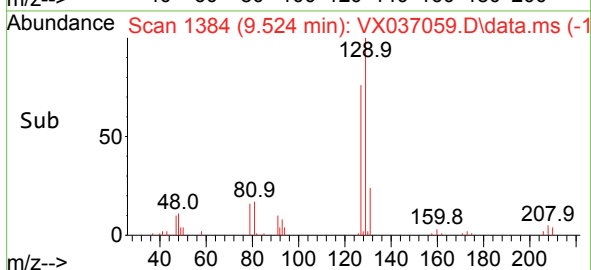
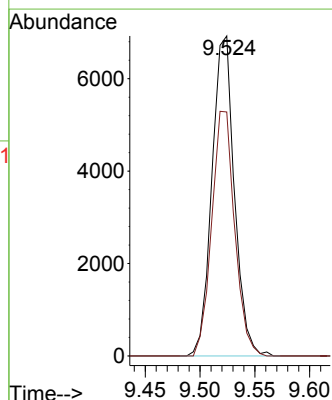
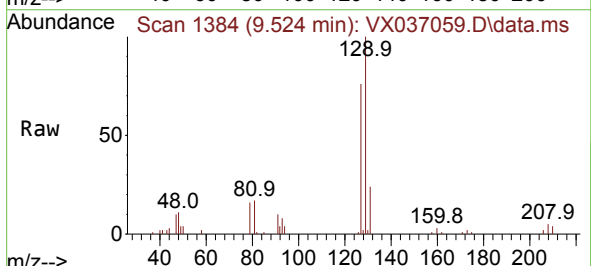
Instrument :  
MSVOA\_X  
ClientSampleId :

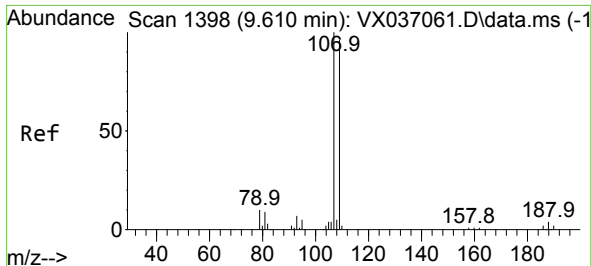
Tgt Ion: 43 Resp: 50567  
Ion Ratio Lower Upper  
43 100  
58 59.0 26.2 78.5



#60  
Dibromochloromethane  
Concen: 4.359 ug/l  
RT: 9.524 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 129 Resp: 9876  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.8 116.4

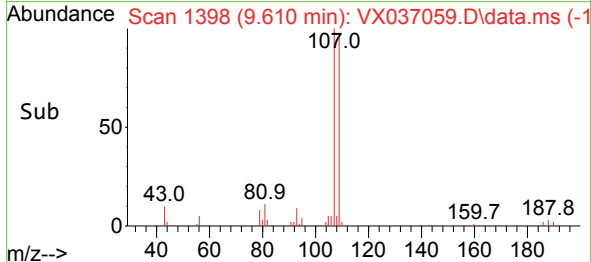
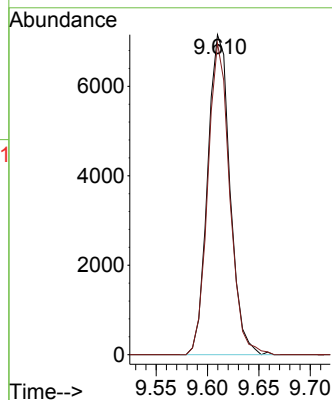
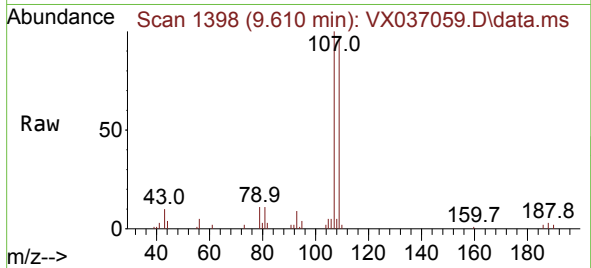




#61  
1,2-Dibromoethane  
Concen: 4.668 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

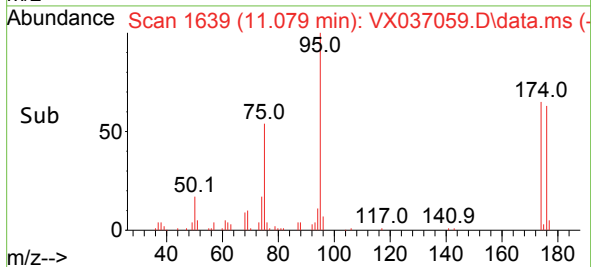
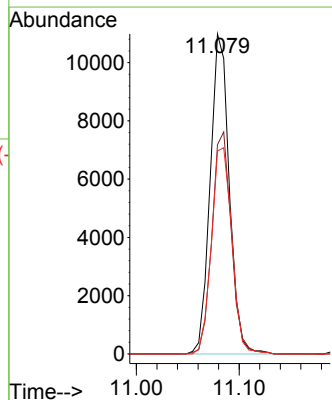
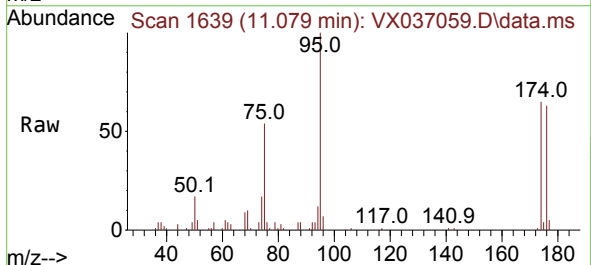
Instrument :  
MSVOA\_X  
ClientSampleId :

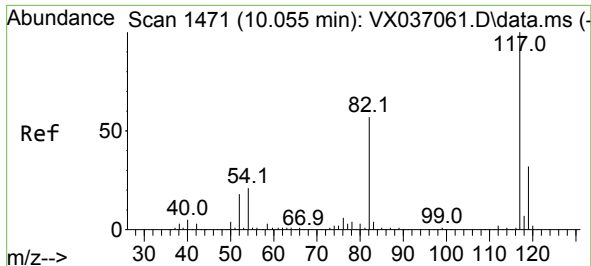
Tgt Ion:107 Resp: 10876  
Ion Ratio Lower Upper  
107 100  
109 95.1 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 5.117 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

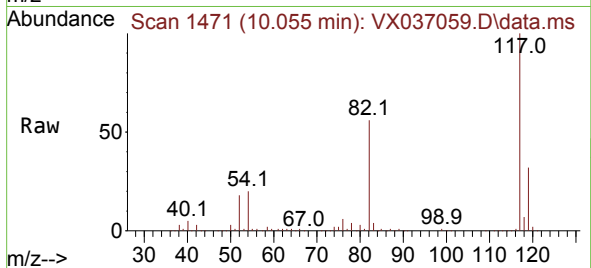
Tgt Ion: 95 Resp: 14157  
Ion Ratio Lower Upper  
95 100  
174 70.6 0.0 135.6  
176 68.8 0.0 131.0



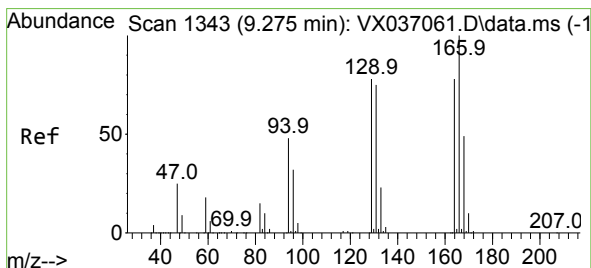
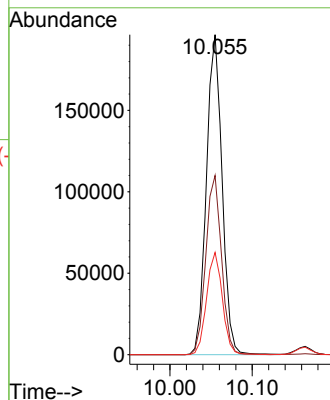
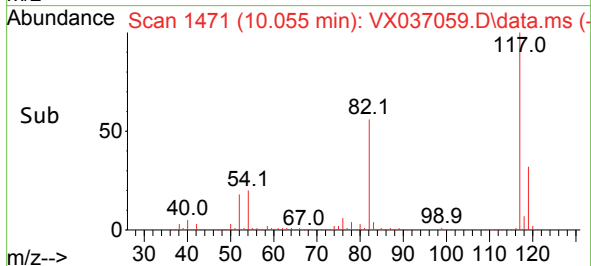


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

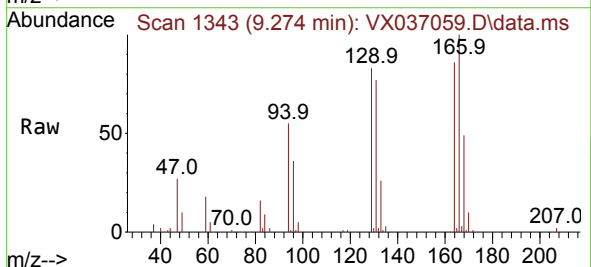
Instrument :  
MSVOA\_X  
ClientSampleId :



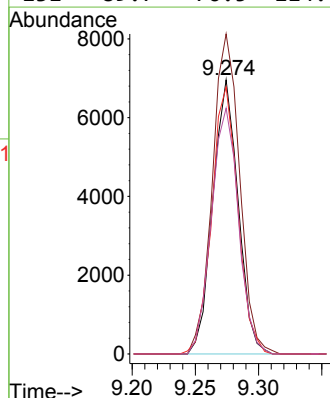
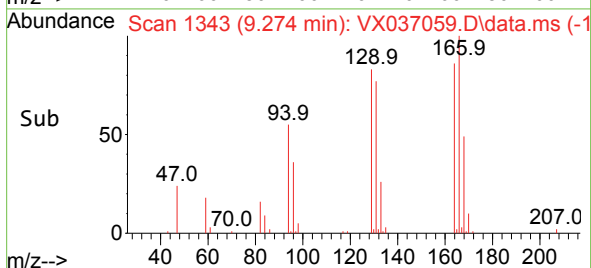
Tgt Ion:117 Resp: 260133  
Ion Ratio Lower Upper  
117 100  
82 56.0 46.2 69.4  
119 32.0 25.5 38.3

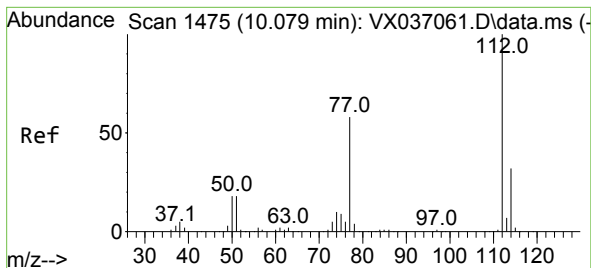


#64  
Tetrachloroethene  
Concen: 5.118 ug/l  
RT: 9.274 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22



Tgt Ion:164 Resp: 9713  
Ion Ratio Lower Upper  
164 100  
166 116.8 102.7 154.1  
129 97.4 80.4 120.6  
131 89.7 76.5 114.7

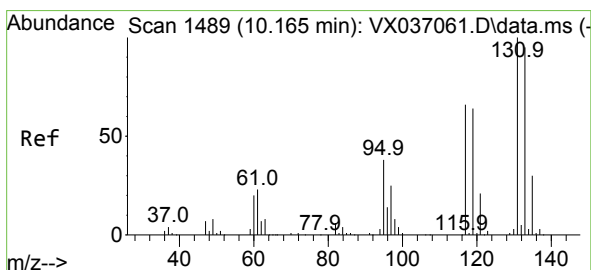
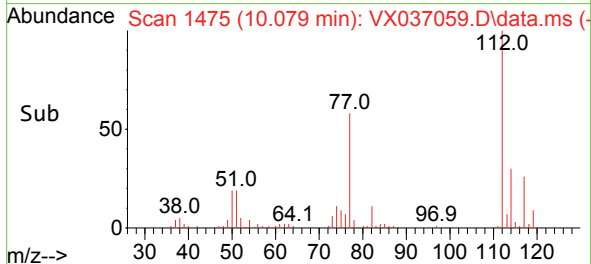
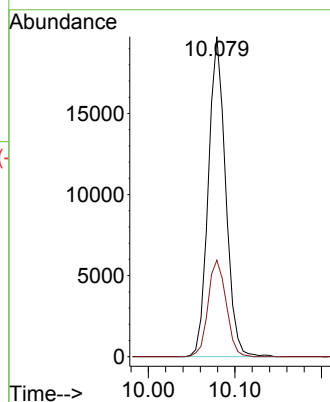
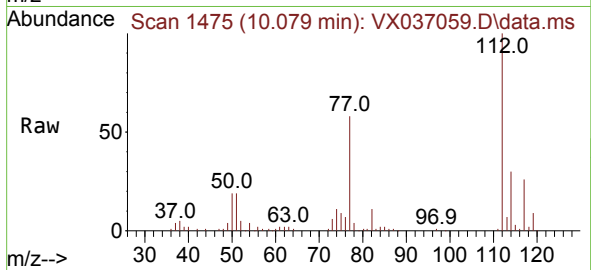




#65  
Chlorobenzene  
Concen: 4.974 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

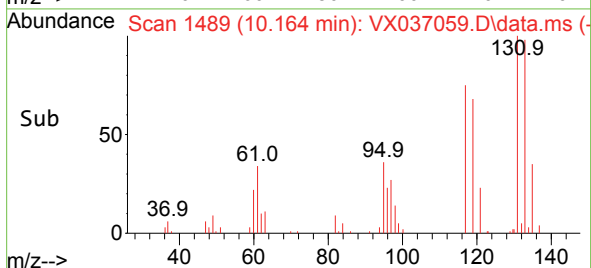
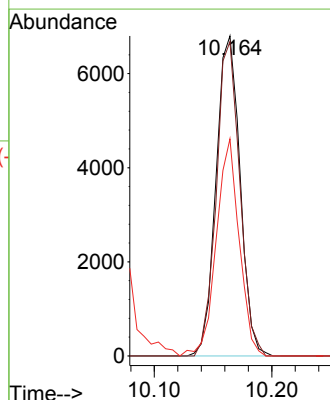
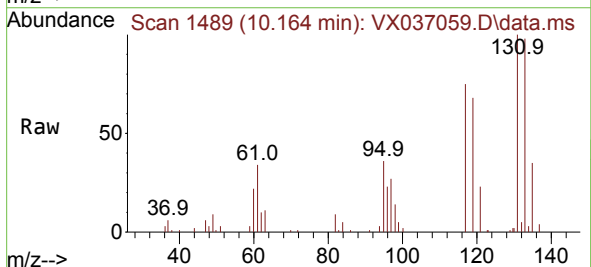
Instrument :  
MSVOA\_X  
ClientSampleId :

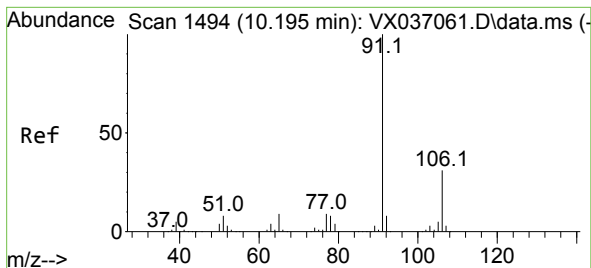
Tgt Ion:112 Resp: 27349  
Ion Ratio Lower Upper  
112 100  
114 30.2 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.749 ug/l  
RT: 10.164 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion:131 Resp: 9637  
Ion Ratio Lower Upper  
131 100  
133 96.2 47.1 141.4  
119 64.7 32.2 96.6





#67

Ethyl Benzene

Concen: 5.065 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

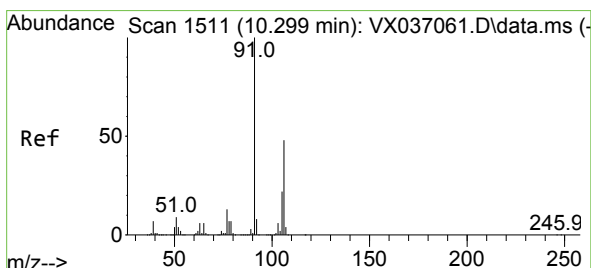
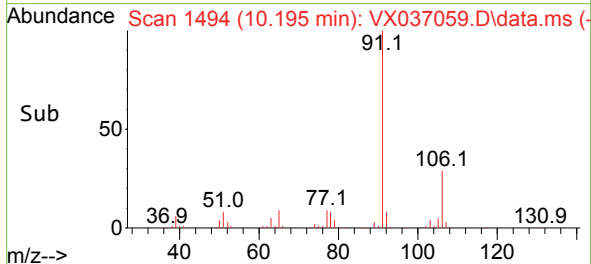
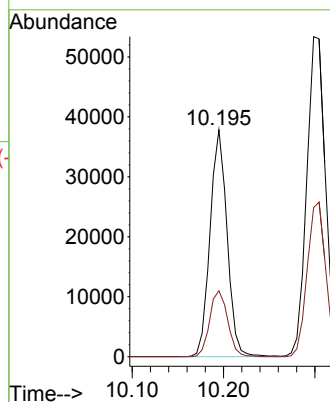
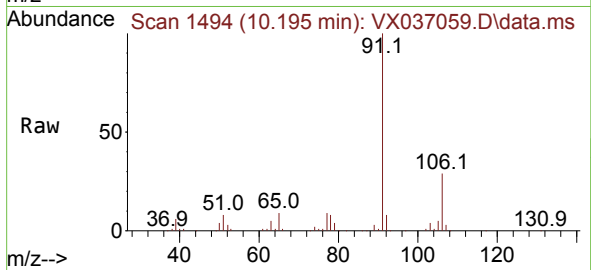
ClientSampleId :

Tgt Ion: 91 Resp: 49003

Ion Ratio Lower Upper

91 100

106 29.0 24.9 37.3



#68

m/p-Xylenes

Concen: 9.924 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX037059.D

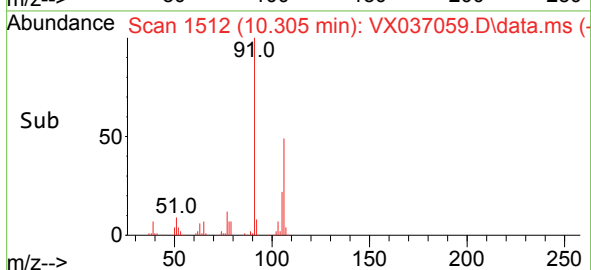
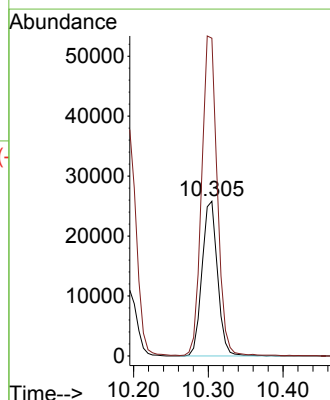
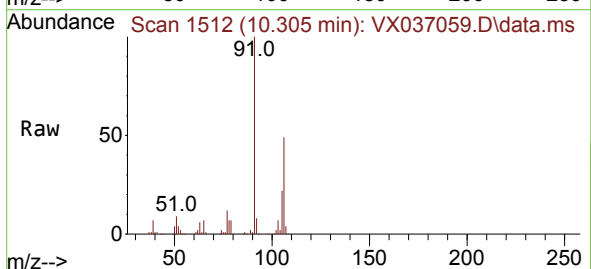
Acq: 17 Aug 2023 14:22

Tgt Ion: 106 Resp: 37075

Ion Ratio Lower Upper

106 100

91 208.5 165.5 248.3





#69

o-Xylene

Concen: 4.924 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

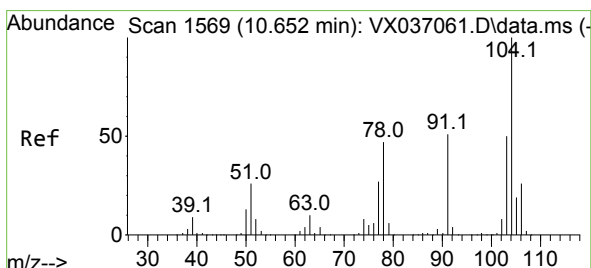
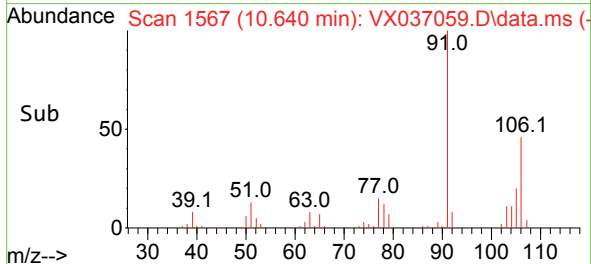
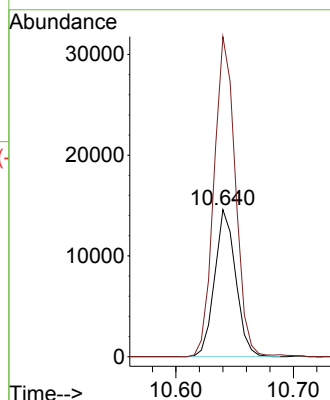
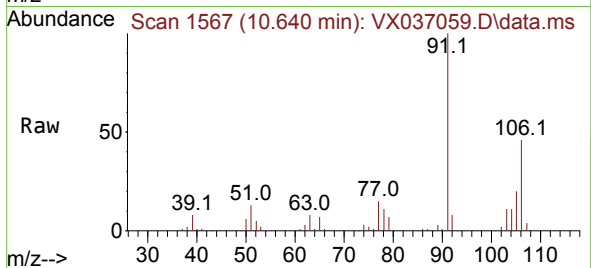
ClientSampleId :

Tgt Ion:106 Resp: 18148

Ion Ratio Lower Upper

106 100

91 222.2 108.9 326.8



#70

Styrene

Concen: 4.712 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

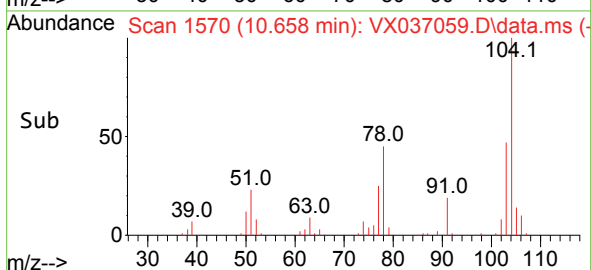
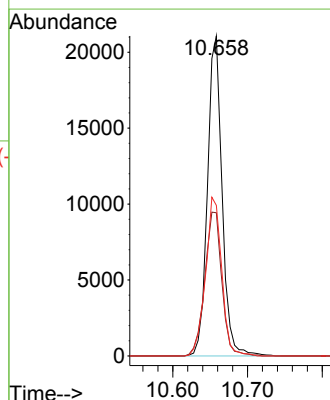
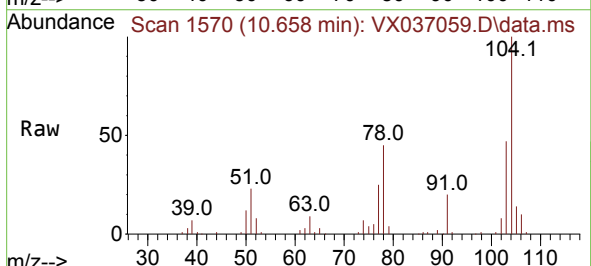
Tgt Ion:104 Resp: 28607

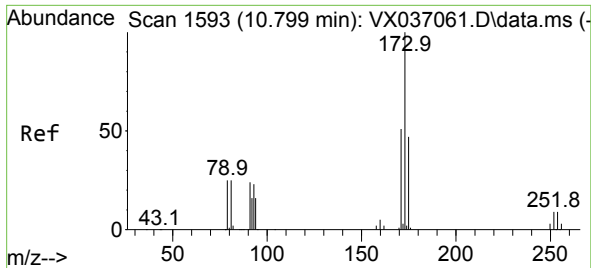
Ion Ratio Lower Upper

104 100

78 52.7 43.6 65.4

103 55.0 43.6 65.4

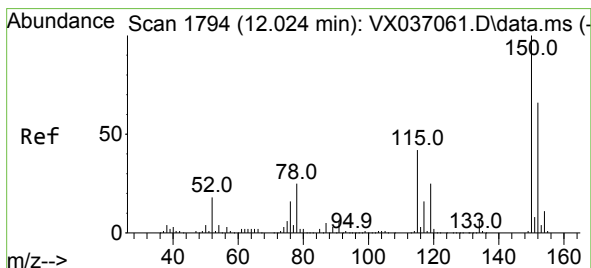
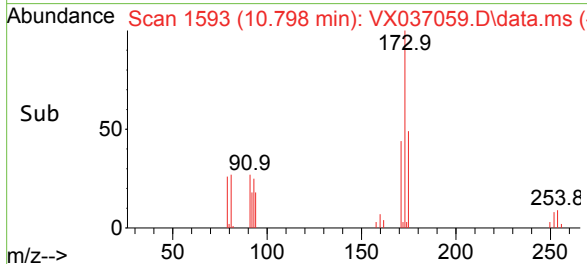
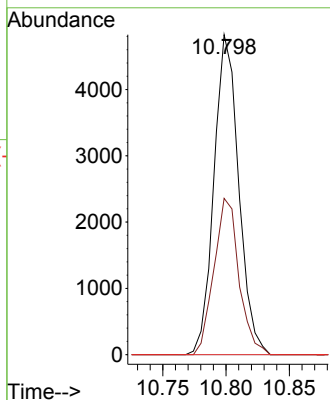
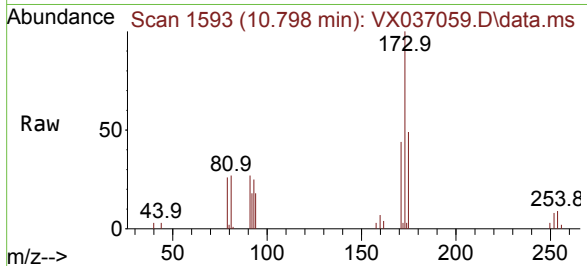




#71  
Bromoform  
Concen: 4.318 ug/l  
RT: 10.798 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

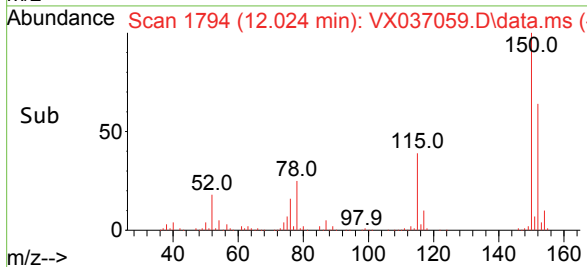
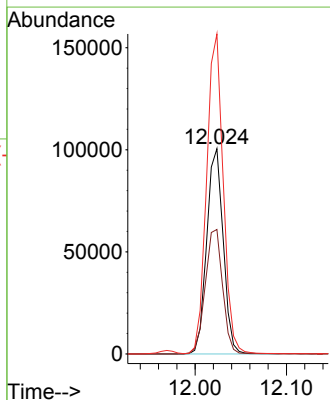
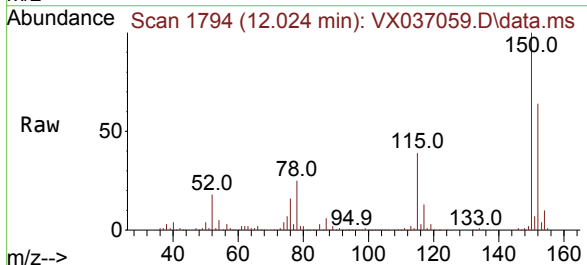
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:173 Resp: 6554  
Ion Ratio Lower Upper  
173 100  
175 49.5 24.1 72.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion:152 Resp: 125771  
Ion Ratio Lower Upper  
152 100  
115 63.9 43.3 129.9  
150 156.1 0.0 345.0





#73

Isopropylbenzene

Concen: 5.166 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

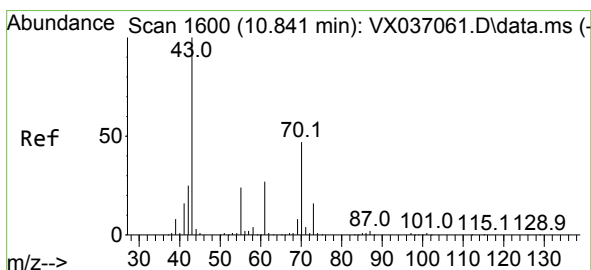
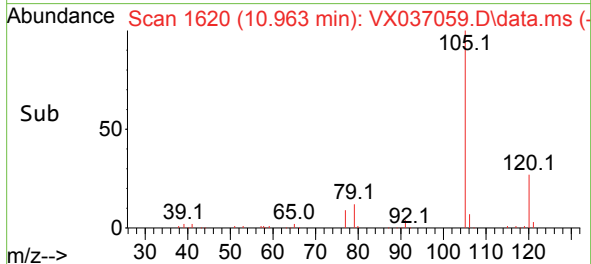
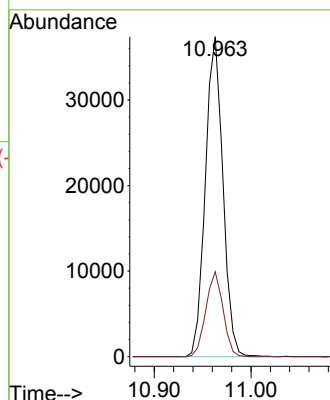
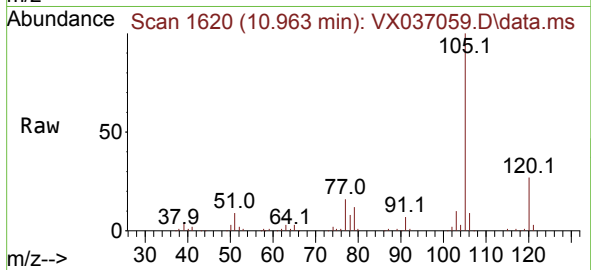
ClientSampleId :

Tgt Ion:105 Resp: 47226

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 4.788 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Tgt Ion: 43 Resp: 17006

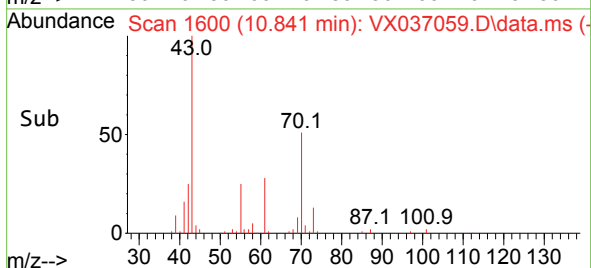
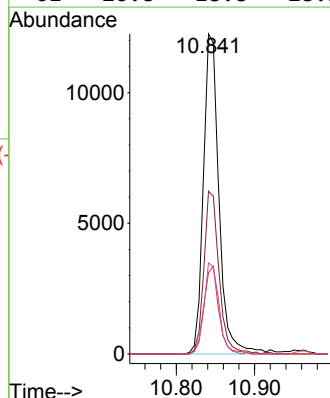
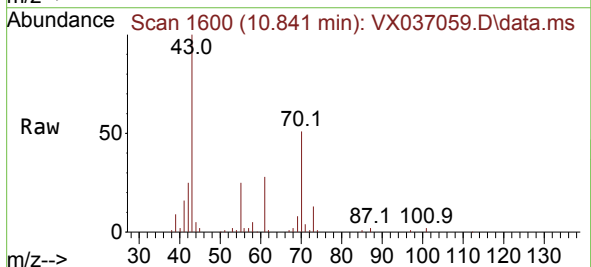
Ion Ratio Lower Upper

43 100

70 49.1 32.9 49.3

55 26.2 19.3 28.9

61 26.8 18.8 28.2

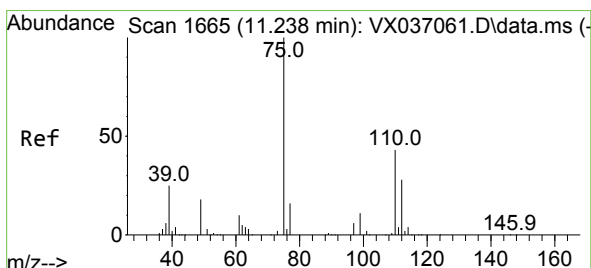
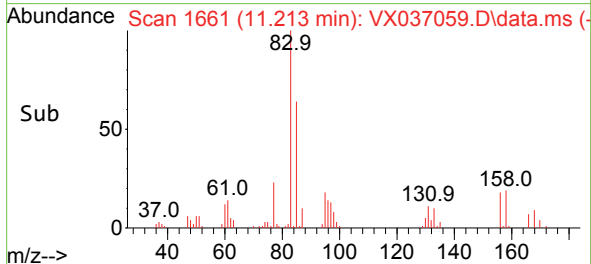
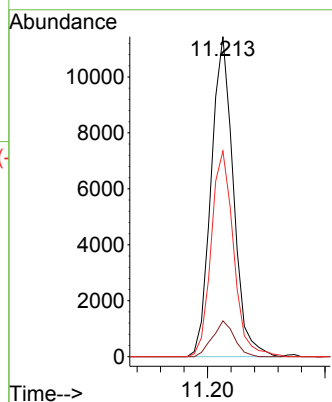
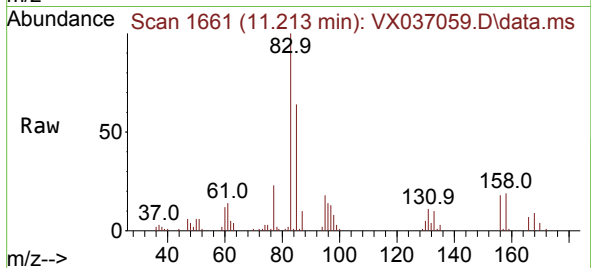




#75  
1,1,2,2-Tetrachloroethane  
Concen: 4.878 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

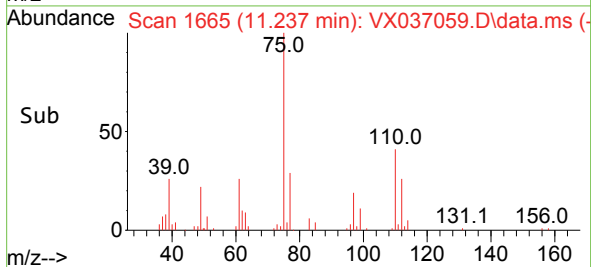
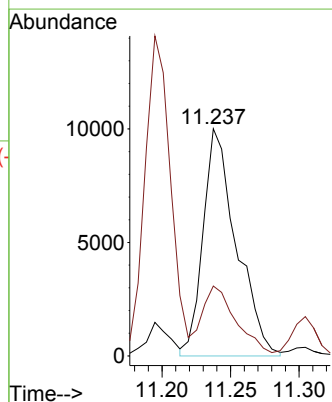
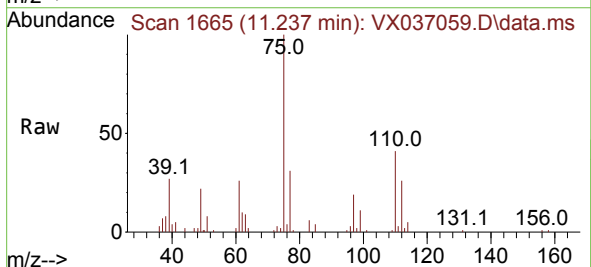
Instrument :  
MSVOA\_X  
ClientSampleId :

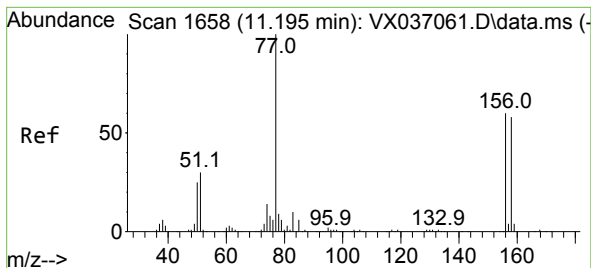
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 15017 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.0  | 5.3   | 15.8  |
| 85        | 64.9  | 32.0  | 96.2  |



#76  
1,2,3-Trichloropropane  
Concen: 6.320 ug/l  
RT: 11.237 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 16927 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 32.1  | 19.1  | 57.5  |





#77

Bromobenzene

Concen: 4.879 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :

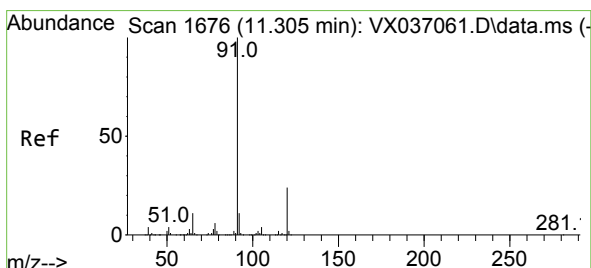
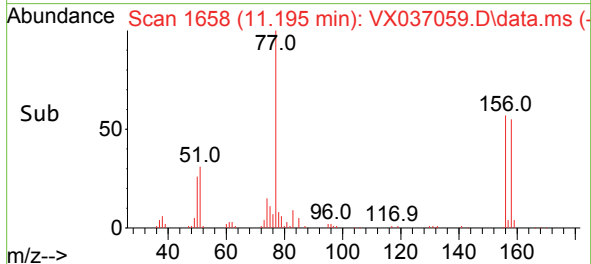
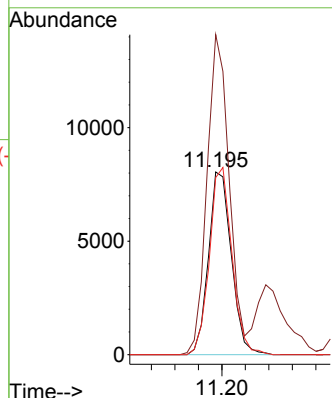
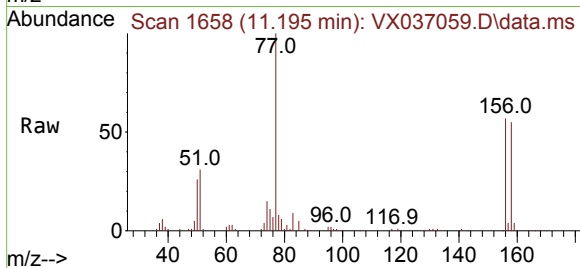
Tgt Ion:156 Resp: 10893

Ion Ratio Lower Upper

156 100

77 169.0 88.4 265.3

158 100.9 48.0 144.0



#78

n-propylbenzene

Concen: 5.109 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037059.D

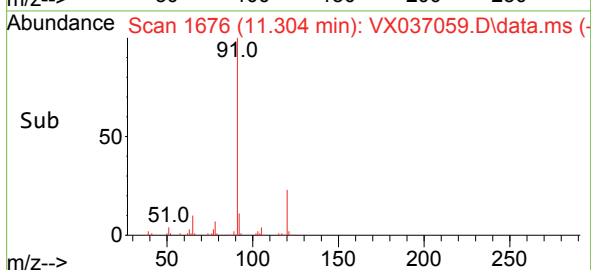
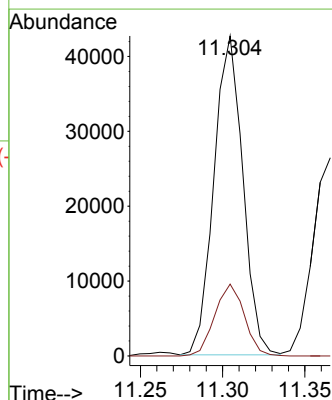
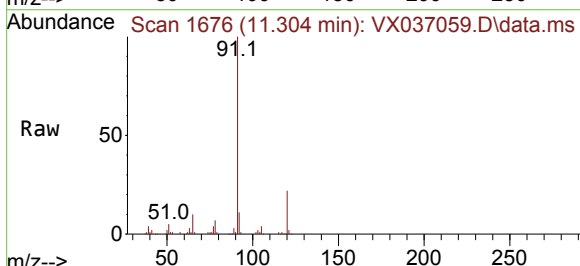
Acq: 17 Aug 2023 14:22

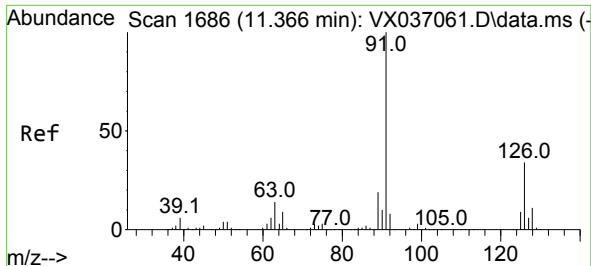
Tgt Ion: 91 Resp: 52010

Ion Ratio Lower Upper

91 100

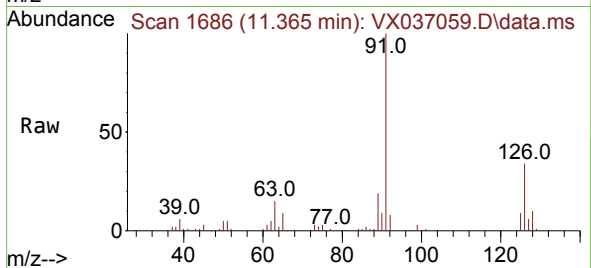
120 23.1 11.5 34.4



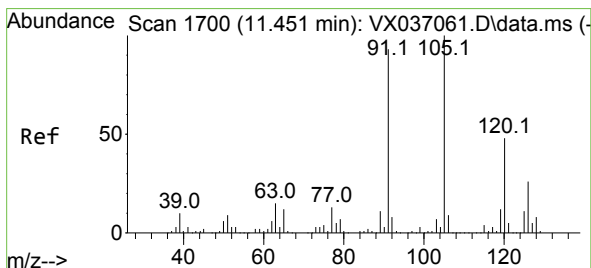
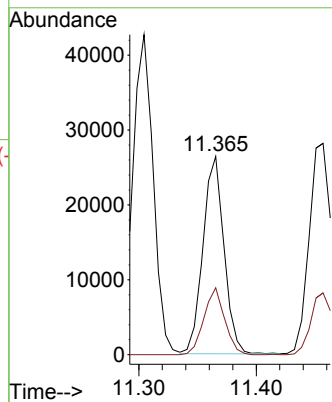
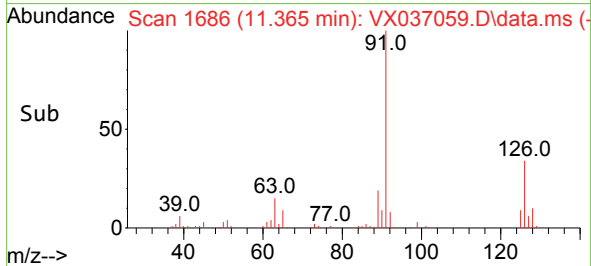


#79  
2-Chlorotoluene  
Concen: 5.043 ug/l  
RT: 11.365 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Instrument :  
MSVOA\_X  
ClientSampleId :

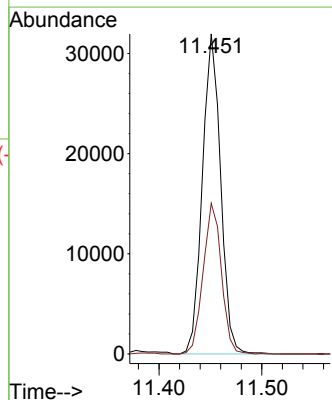
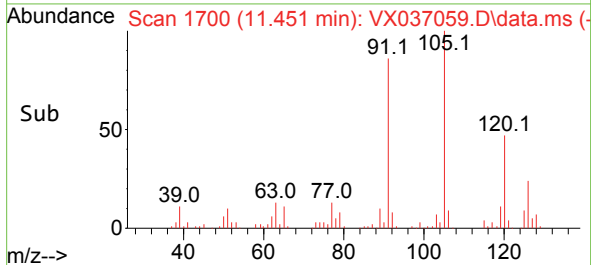
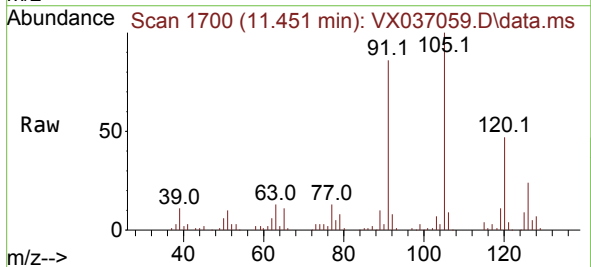


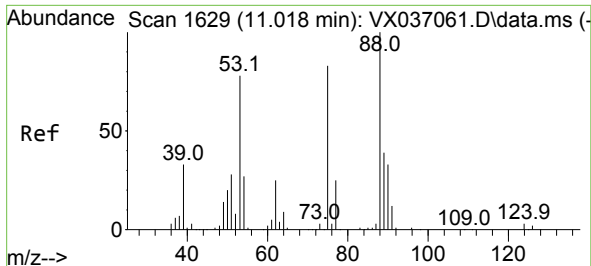
Tgt Ion: 91 Resp: 32804  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 5.175 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

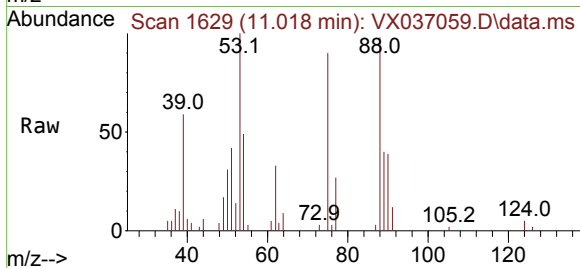
Tgt Ion: 105 Resp: 39467  
Ion Ratio Lower Upper  
105 100  
120 47.1 24.1 72.3



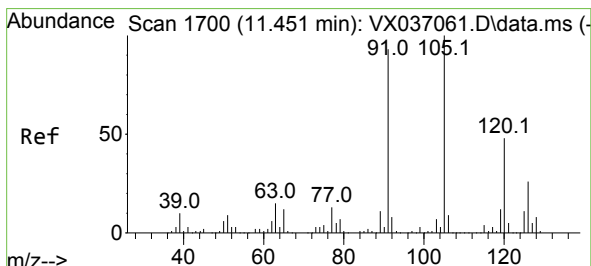
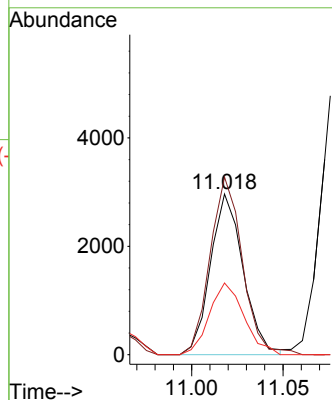
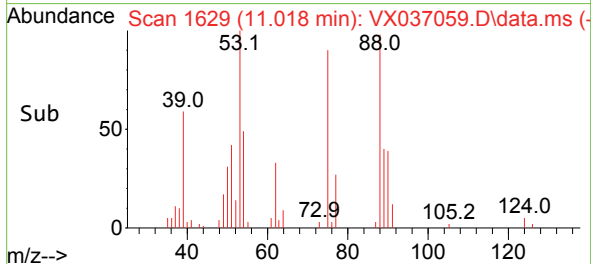


#81  
trans-1,4-Dichloro-2-butene  
Concen: 3.855 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

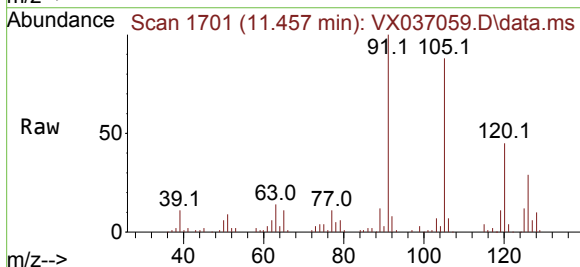
Instrument :  
MSVOA\_X  
ClientSampleId :



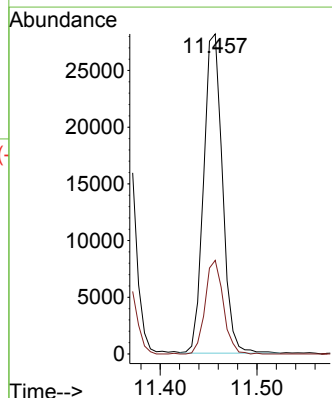
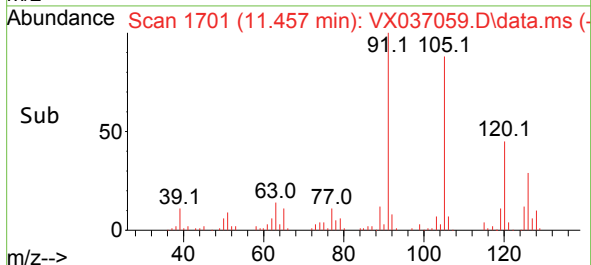
Tgt Ion: 75 Resp: 3697  
Ion Ratio Lower Upper  
75 100  
53 108.9 90.5 135.7  
89 47.2 36.9 55.3

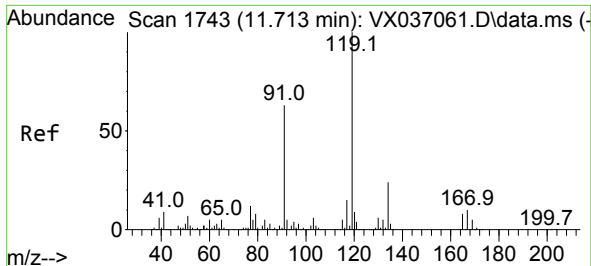


#82  
4-Chlorotoluene  
Concen: 5.070 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22



Tgt Ion: 91 Resp: 38074  
Ion Ratio Lower Upper  
91 100  
126 28.4 14.2 42.6

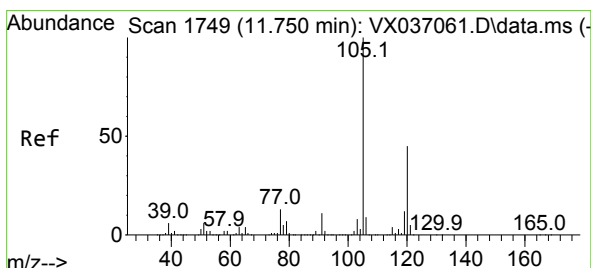
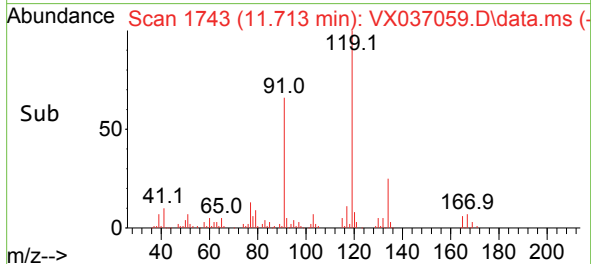
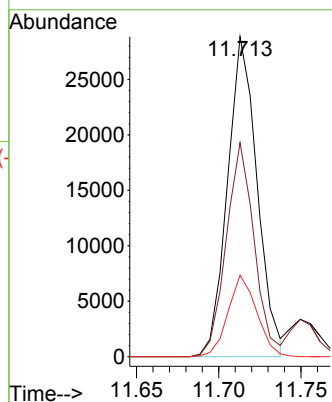
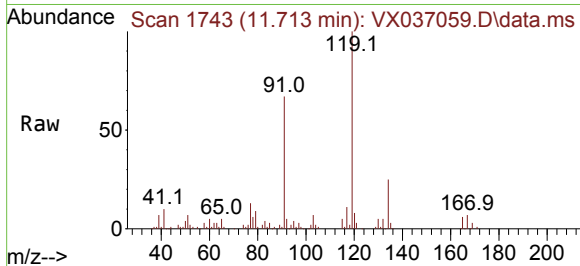




#83  
tert-Butylbenzene  
Concen: 4.975 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

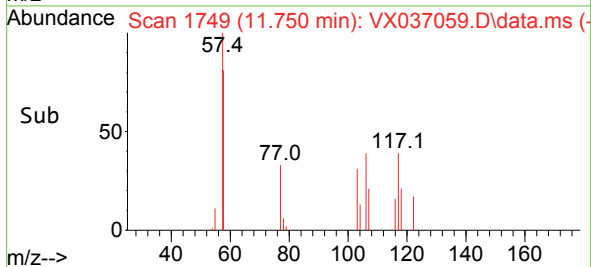
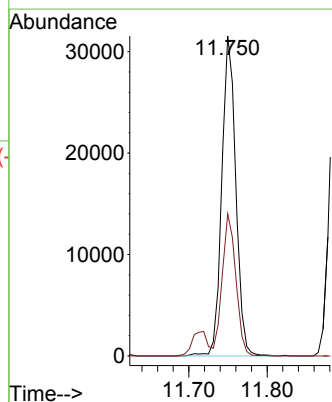
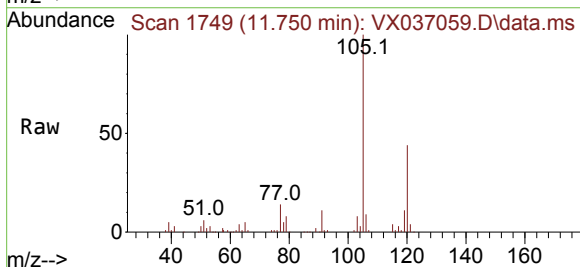
Instrument :  
MSVOA\_X  
ClientSampleId :

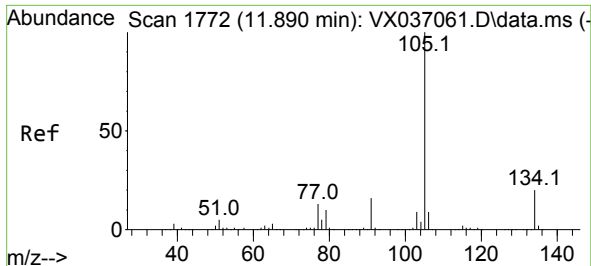
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 119     | 100  |       |       |
| 91      | 63.4 | 31.2  | 93.6  |
| 134     | 24.8 | 11.7  | 35.0  |



#84  
1,2,4-Trimethylbenzene  
Concen: 5.104 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 120     | 43.2 | 21.2  | 63.6  |

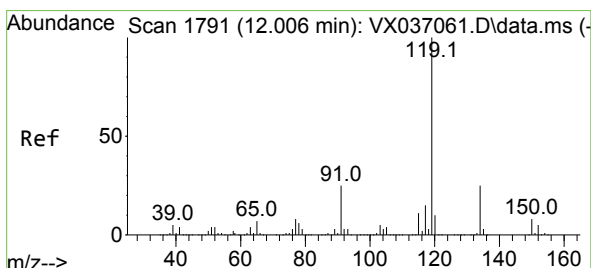
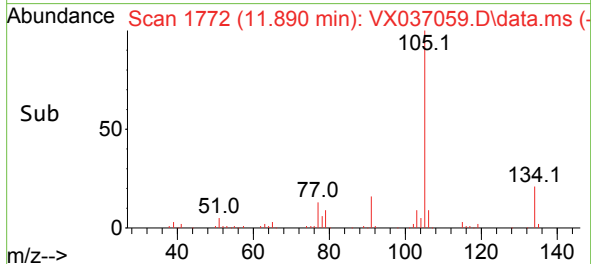
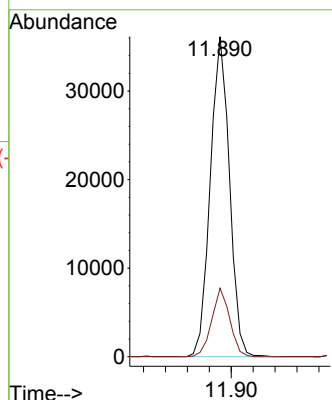
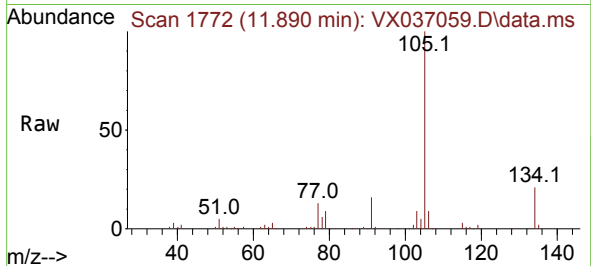




#85  
 sec-Butylbenzene  
 Concen: 5.158 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX037059.D  
 Acq: 17 Aug 2023 14:22

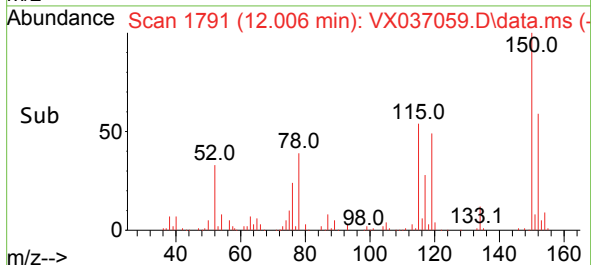
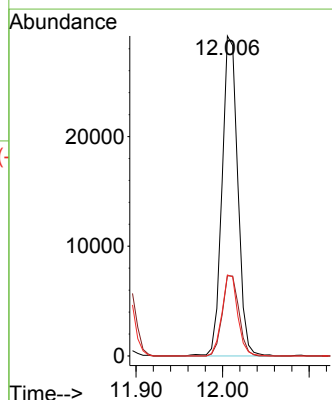
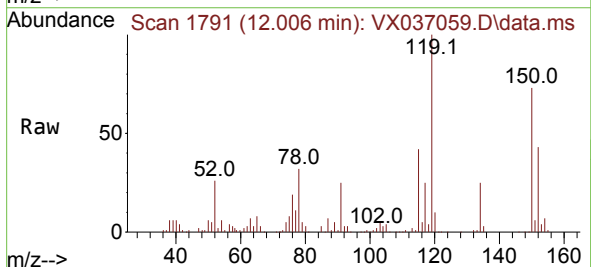
Instrument :  
 MSVOA\_X  
 ClientSampleId :

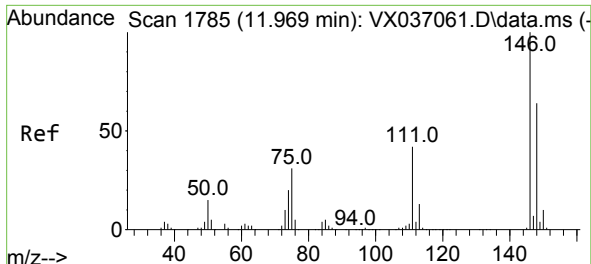
Tgt Ion:105 Resp: 43812  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 5.025 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX037059.D  
 Acq: 17 Aug 2023 14:22

Tgt Ion:119 Resp: 36746  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 12.8 38.3  
 91 25.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.977 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :

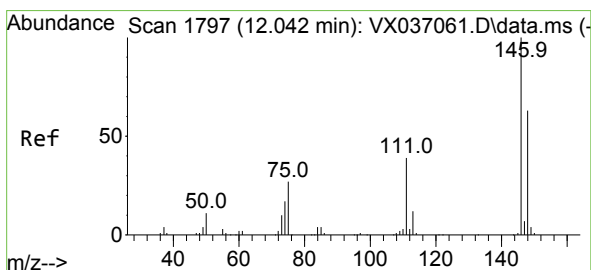
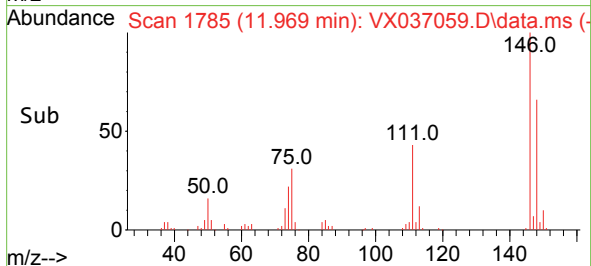
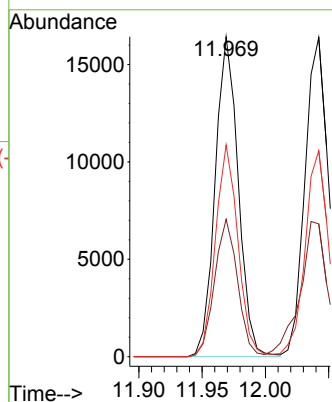
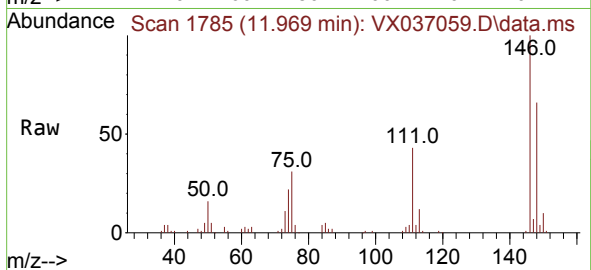
Tgt Ion:146 Resp: 20802

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.1

148 64.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.008 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

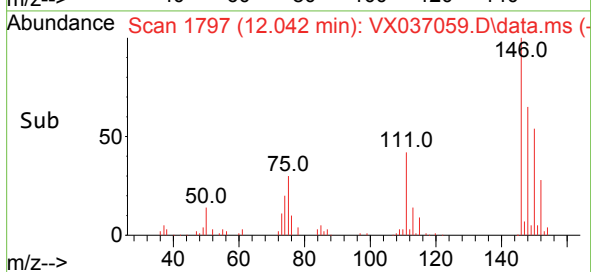
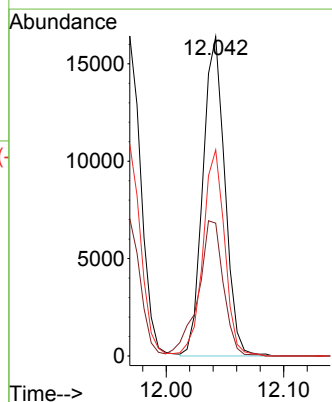
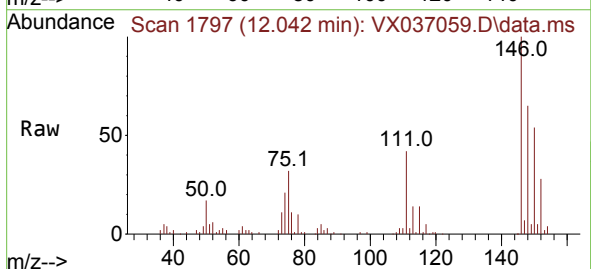
Tgt Ion:146 Resp: 21267

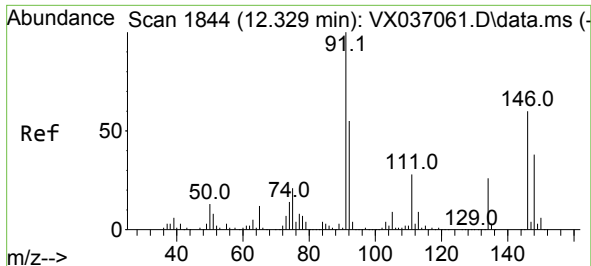
Ion Ratio Lower Upper

146 100

111 48.7 21.3 63.7

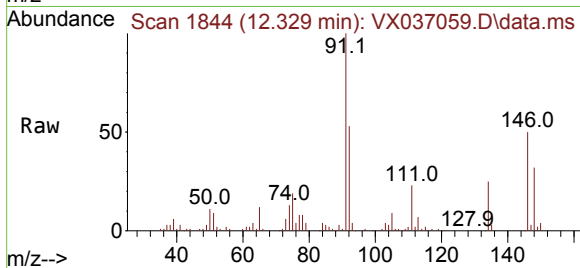
148 63.8 31.8 95.4



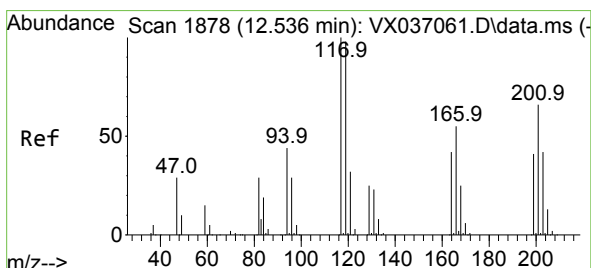
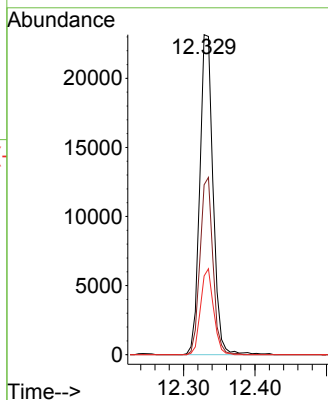
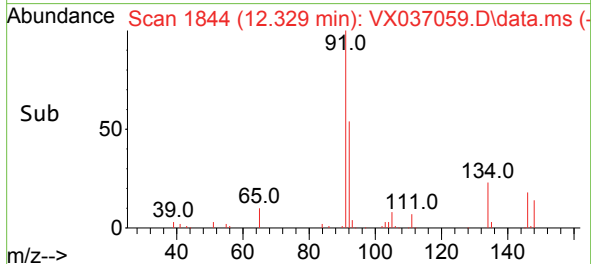


#89  
n-Butylbenzene  
Concen: 4.944 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Instrument :  
MSVOA\_X  
ClientSampleId :

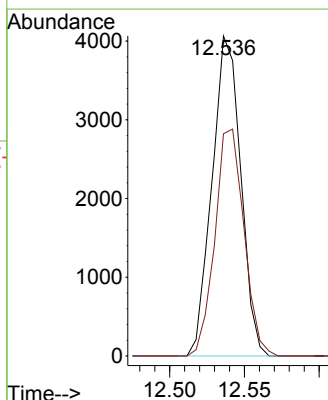
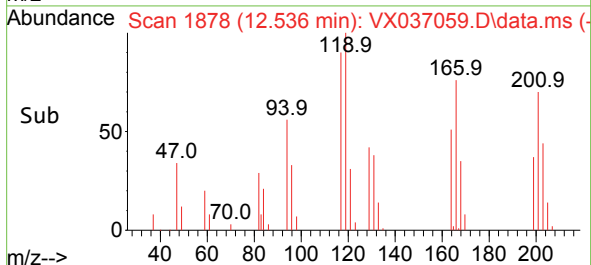
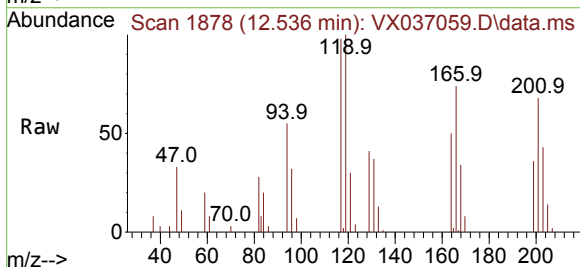


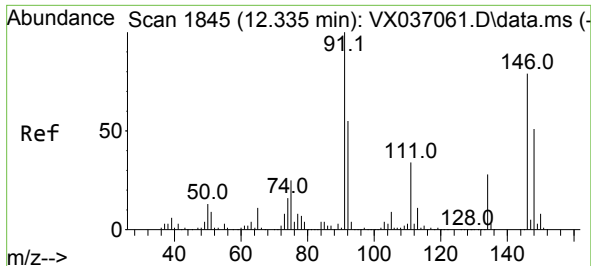
Tgt Ion: 91 Resp: 29973  
Ion Ratio Lower Upper  
91 100  
92 53.7 27.4 82.0  
134 26.1 12.6 37.8



#90  
Hexachloroethane  
Concen: 4.439 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX037059.D  
Acq: 17 Aug 2023 14:22

Tgt Ion: 117 Resp: 5418  
Ion Ratio Lower Upper  
117 100  
201 71.9 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 5.015 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

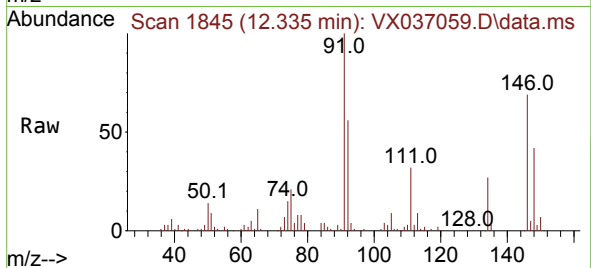
Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :



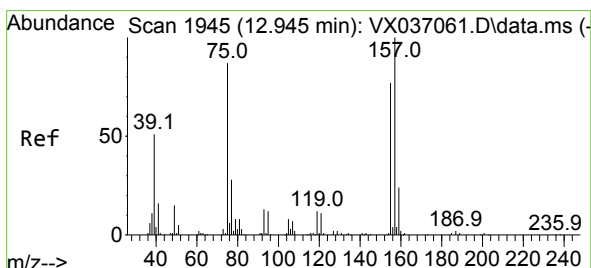
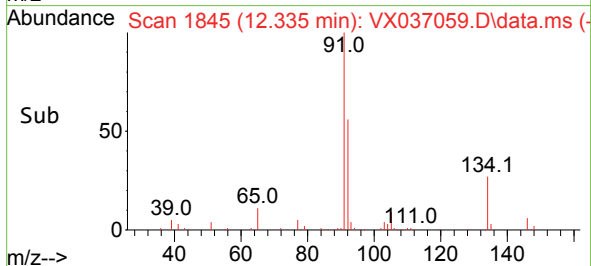
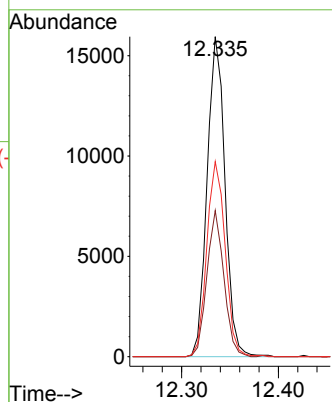
Tgt Ion:146 Resp: 20525

Ion Ratio Lower Upper

146 100

111 43.6 22.4 67.0

148 62.8 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.452 ug/l

RT: 12.944 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

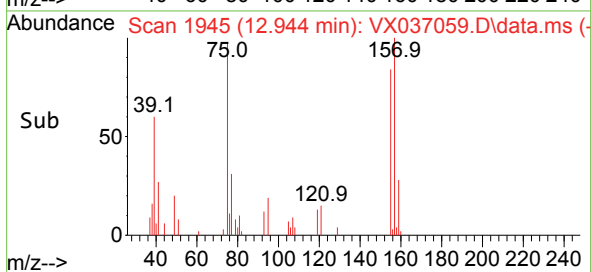
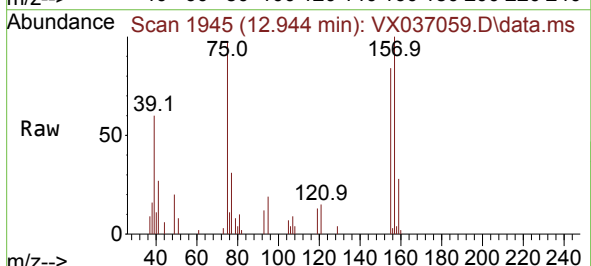
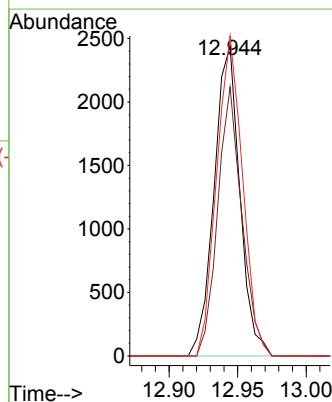
Tgt Ion: 75 Resp: 3185

Ion Ratio Lower Upper

75 100

155 81.4 36.1 108.5

157 103.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.759 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :

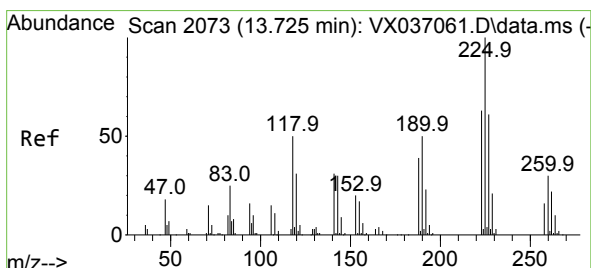
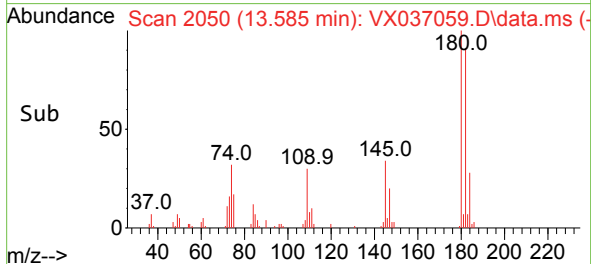
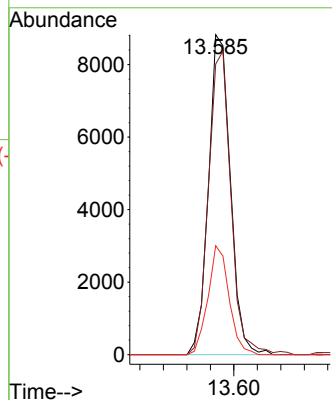
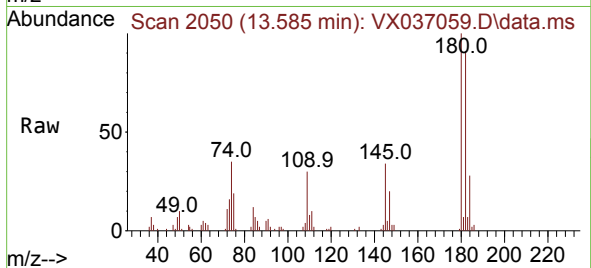
Tgt Ion:180 Resp: 11397

Ion Ratio Lower Upper

180 100

182 97.2 48.3 144.8

145 33.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 5.247 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

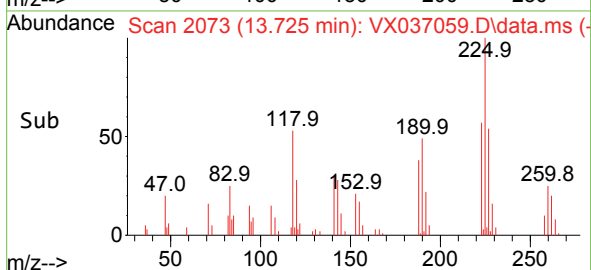
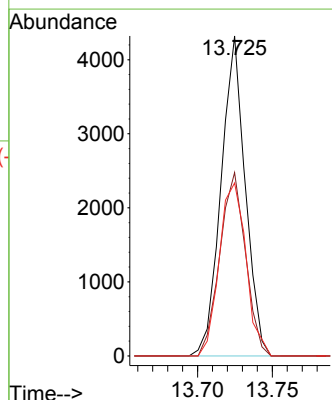
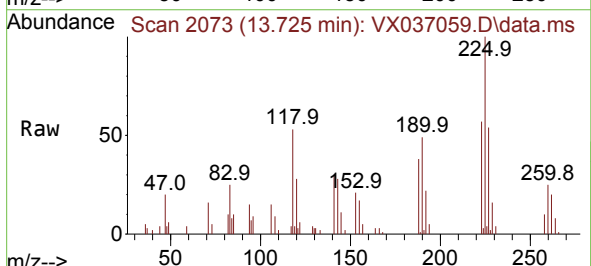
Tgt Ion:225 Resp: 4855

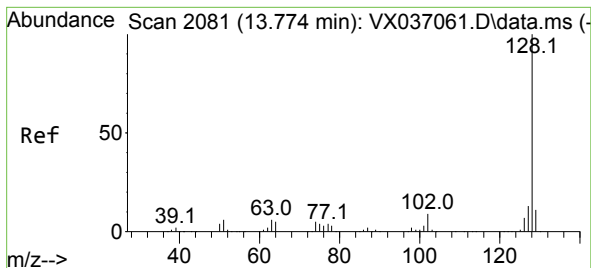
Ion Ratio Lower Upper

225 100

223 60.8 31.1 93.2

227 59.8 32.5 97.5





#95

Naphthalene

Concen: 5.425 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA\_X

ClientSampleId :

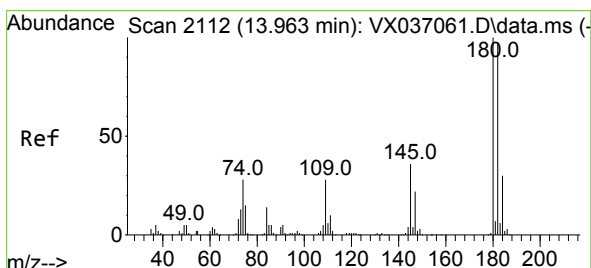
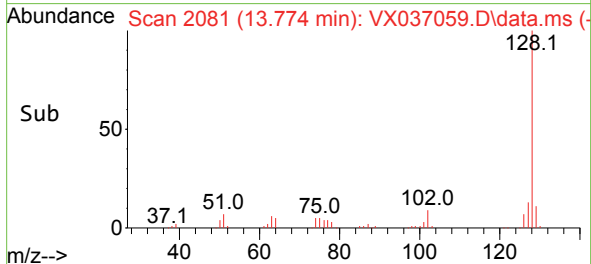
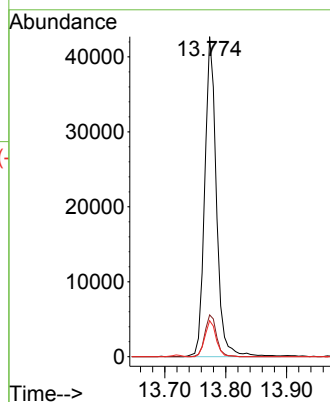
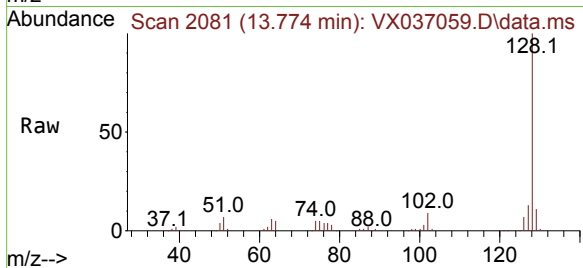
Tgt Ion:128 Resp: 56912

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.957 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Tgt Ion:180 Resp: 11795

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.6

145 35.0 17.8 53.5

