

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090723\  
 Data File : VX037570.D  
 Acq On : 07 Sep 2023 10:45  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 08 00:40:44 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min)  |
|------------------------------|-----------|-------|----------|----------|--------|-----------|
| -----                        |           |       |          |          |        |           |
| Internal Standards           |           |       |          |          |        |           |
| 1) Pentafluorobenzene        | 5.550     | 168   | 114959   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene      | 6.763     | 114   | 194864   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 185552   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 100351   | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds  |           |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 86964    | 52.472   | ug/l   | 0.00      |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | =      | 104.940%  |
| 35) Dibromofluoromethane     | 5.385     | 113   | 79071    | 61.270   | ug/l   | 0.00      |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =      | 122.540%  |
| 50) Toluene-d8               | 8.647     | 98    | 263077   | 56.198   | ug/l   | 0.00      |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | =      | 112.400%# |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 112483   | 61.143   | ug/l   | 0.00      |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =      | 122.280%  |
| Target Compounds             |           |       |          |          |        | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.166     | 85    | 60704    | 45.458   | ug/l   | 98        |
| 3) Chloromethane             | 1.307     | 50    | 57936    | 49.591   | ug/l   | 97        |
| 4) Vinyl Chloride            | 1.374     | 62    | 62406    | 49.075   | ug/l   | 100       |
| 5) Bromomethane              | 1.599     | 94    | 27867    | 43.994   | ug/l   | 98        |
| 6) Chloroethane              | 1.678     | 64    | 32321    | 43.192   | ug/l   | 95        |
| 7) Trichlorofluoromethane    | 1.880     | 101   | 98208    | 47.146   | ug/l   | 96        |
| 8) Diethyl Ether             | 2.136     | 74    | 45138    | 56.008   | ug/l   | 74        |
| 9) 1,1,2-Trichlorotrifluo... | 2.325     | 101   | 64273    | 52.890   | ug/l   | 95        |
| 10) Methyl Iodide            | 2.447     | 142   | 77781    | 52.663   | ug/l   | 93        |
| 11) Tert butyl alcohol       | 2.971     | 59    | 99438    | 255.773  | ug/l # | 92        |
| 12) 1,1-Dichloroethene       | 2.313     | 96    | 58947    | 49.812   | ug/l   | 83        |
| 13) Acrolein                 | 2.239     | 56    | 103691   | 350.595  | ug/l   | 99        |
| 14) Allyl chloride           | 2.660     | 41    | 93687    | 51.148   | ug/l # | 86        |
| 15) Acrylonitrile            | 3.062     | 53    | 219483   | 316.298  | ug/l   | 98        |
| 16) Acetone                  | 2.380     | 43    | 184608   | 284.727  | ug/l # | 85        |
| 17) Carbon Disulfide         | 2.508     | 76    | 116359   | 38.656   | ug/l   | 99        |
| 18) Methyl Acetate           | 2.703     | 43    | 140673   | 57.624   | ug/l # | 85        |
| 19) Methyl tert-butyl Ether  | 3.117     | 73    | 249370   | 55.562   | ug/l   | 96        |
| 20) Methylene Chloride       | 2.788     | 84    | 79679    | 54.953   | ug/l # | 83        |
| 21) trans-1,2-Dichloroethene | 3.087     | 96    | 66129    | 49.158   | ug/l   | 84        |
| 22) Diisopropyl ether        | 3.763     | 45    | 207728   | 55.267   | ug/l # | 80        |
| 23) Vinyl Acetate            | 3.721     | 43    | 782992   | 271.843  | ug/l # | 89        |
| 24) 1,1-Dichloroethane       | 3.605     | 63    | 125984   | 53.450   | ug/l   | 97        |
| 25) 2-Butanone               | 4.556     | 43    | 282734   | 289.613  | ug/l # | 87        |
| 26) 2,2-Dichloropropane      | 4.477     | 77    | 98560    | 46.822   | ug/l   | 94        |
| 27) cis-1,2-Dichloroethene   | 4.483     | 96    | 86644    | 54.634   | ug/l   | 85        |
| 28) Bromochloromethane       | 4.897     | 49    | 57805    | 54.899   | ug/l # | 71        |
| 29) Tetrahydrofuran          | 5.007     | 42    | 175459   | 281.825  | ug/l # | 81        |
| 30) Chloroform               | 5.093     | 83    | 141122   | 53.336   | ug/l   | 100       |
| 31) Cyclohexane              | 5.464     | 56    | 88691    | 47.593   | ug/l   | 85        |
| 32) 1,1,1-Trichloroethane    | 5.379     | 97    | 115914   | 48.887   | ug/l   | 95        |
| 36) 1,1-Dichloropropene      | 5.690     | 75    | 88544    | 48.292   | ug/l   | 96        |
| 37) Ethyl Acetate            | 4.715     | 43    | 104459   | 55.773   | ug/l # | 91        |
| 38) Carbon Tetrachloride     | 5.678     | 117   | 97612    | 49.010   | ug/l   | 100       |
| 39) Methylcyclohexane        | 7.379     | 83    | 109028   | 56.598   | ug/l   | 90        |
| 40) Benzene                  | 6.037     | 78    | 289805   | 55.112   | ug/l   | 99        |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 08 00:40:44 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 57527    | 59.084   | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 105558   | 51.188   | ug/l   | 92       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 164503   | 55.323   | ug/l # | 89       |
| 44) Trichloroethene           | 7.123  | 130  | 76969    | 51.620   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 76090    | 58.685   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 58582    | 57.353   | ug/l   | 93       |
| 47) Bromodichloromethane      | 7.824  | 83   | 110691   | 56.578   | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 80207    | 55.311   | ug/l # | 78       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 49475    | 1266.827 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 544054   | 301.315  | ug/l   | 88       |
| 52) Toluene                   | 8.720  | 92   | 191809   | 55.207   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 116257   | 55.809   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 127905   | 56.819   | ug/l # | 81       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 88696    | 62.693   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 133537   | 60.260   | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 144558   | 60.613   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 291971   | 274.550  | ug/l   | 91       |
| 59) 2-Hexanone                | 9.433  | 43   | 414881   | 301.353  | ug/l   | 83       |
| 60) Dibromochloromethane      | 9.519  | 129  | 93406    | 62.011   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 93341    | 60.260   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 62817    | 46.407   | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 216023   | 55.084   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 85289    | 58.925   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 366891   | 53.167   | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.299 | 106  | 289271   | 108.549  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 148254   | 56.387   | ug/l   | 96       |
| 70) Styrene                   | 10.652 | 104  | 251304   | 58.025   | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 68574    | 63.337   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 381743   | 52.336   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 145212   | 51.236   | ug/l # | 85       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 144236   | 58.717   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 157689   | 73.785   | ug/l   | 90       |
| 77) Bromobenzene              | 11.201 | 156  | 95878    | 53.822   | ug/l   | 90       |
| 78) n-propylbenzene           | 11.305 | 91   | 429762   | 52.913   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 271244   | 52.260   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 329906   | 54.221   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 41052    | 53.651   | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 309604   | 51.675   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 339315   | 58.475   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 334085   | 54.329   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 403261   | 59.497   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 344661   | 59.071   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 180873   | 54.232   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 182496   | 52.963   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 287097   | 59.349   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.542 | 117  | 59600    | 61.199   | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 183844   | 56.293   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 30744    | 53.864   | ug/l   | 75       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 110979   | 58.077   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 48139    | 65.209   | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 408538   | 48.806   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 114985   | 60.566   | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

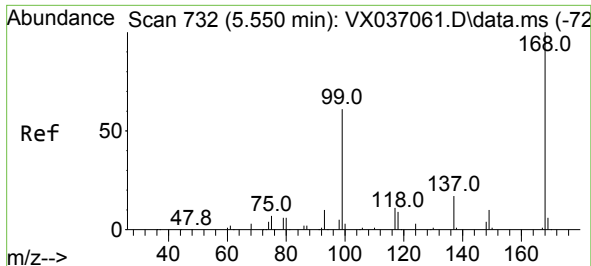
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Sep 08 00:40:44 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

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

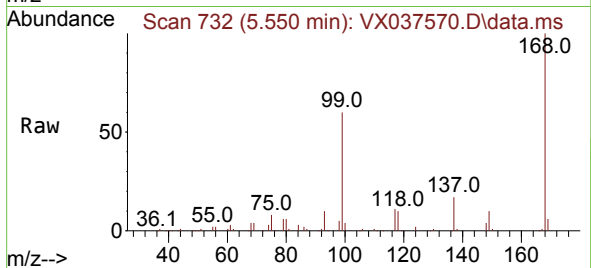
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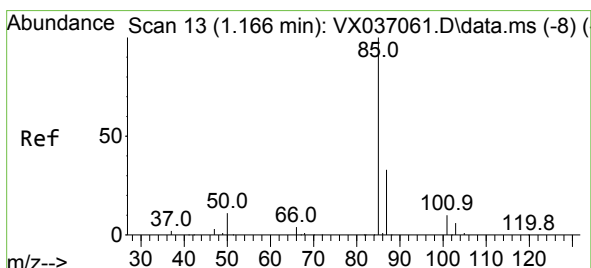
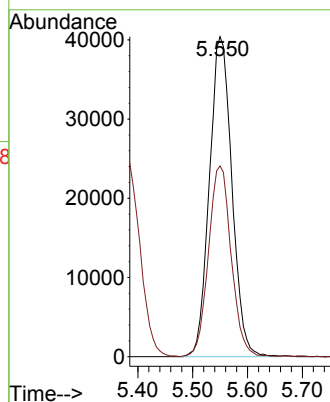
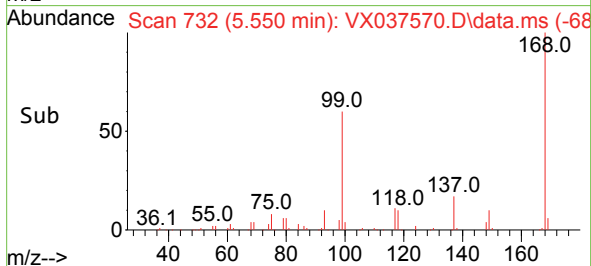


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Instrument :  
MSVOA\_X  
ClientSampleId :

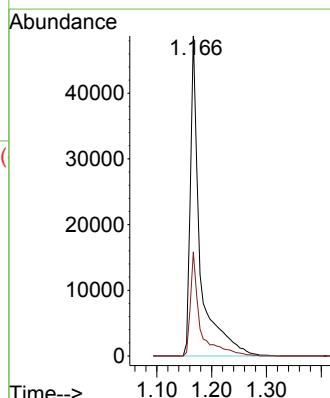
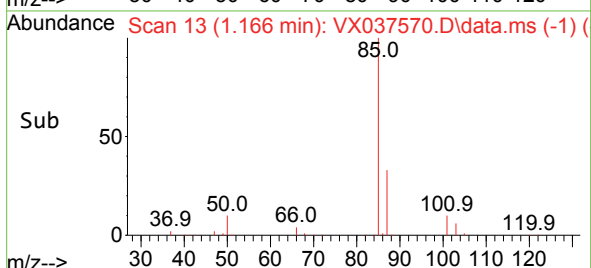
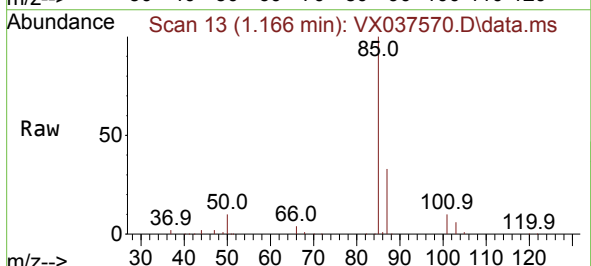


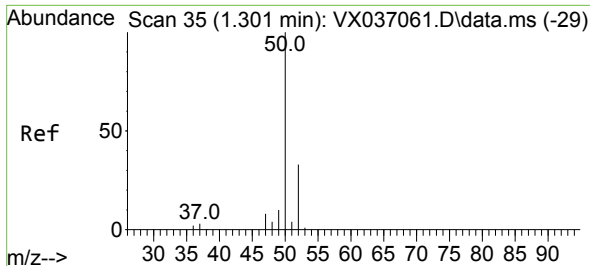
Tgt Ion:168 Resp: 114959  
Ion Ratio Lower Upper  
168 100  
99 59.6 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 45.458 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 85 Resp: 60704  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.7 50.1

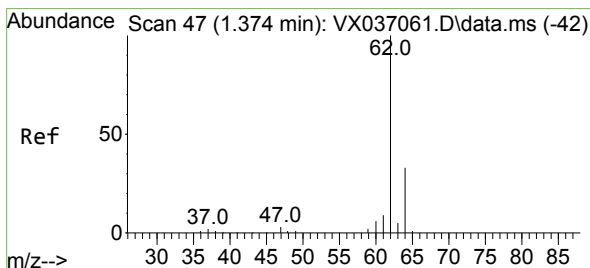
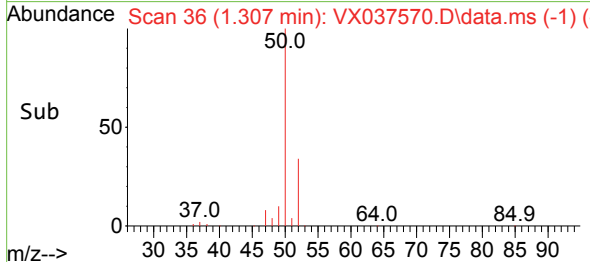
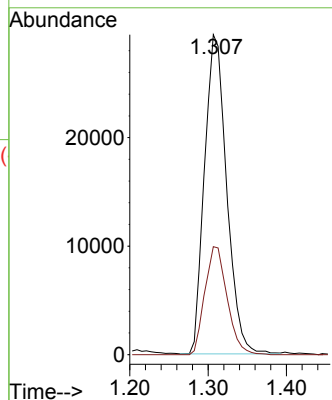
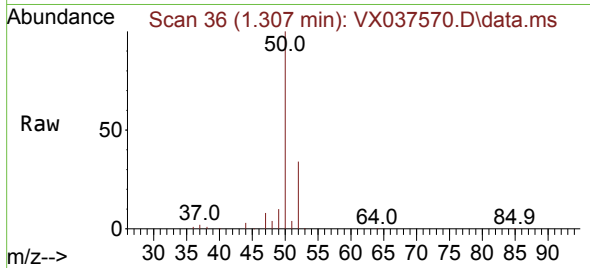




#3  
Chloromethane  
Concen: 49.591 ug/l  
RT: 1.307 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

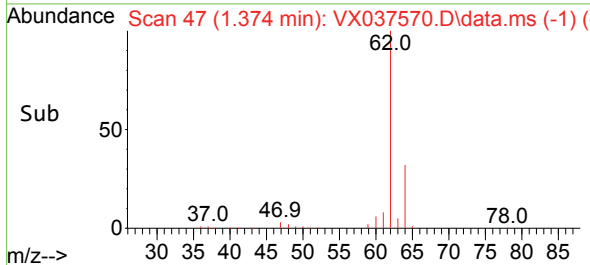
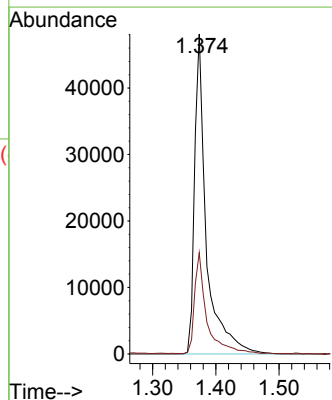
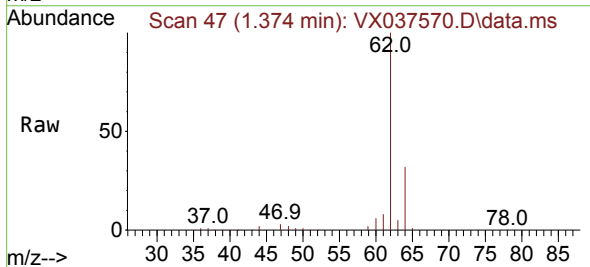
Instrument :  
MSVOA\_X  
ClientSampleId :

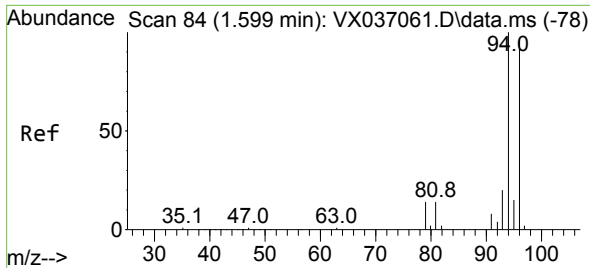
Tgt Ion: 50 Resp: 57936  
Ion Ratio Lower Upper  
50 100  
52 33.8 25.5 38.3



#4  
Vinyl Chloride  
Concen: 49.075 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

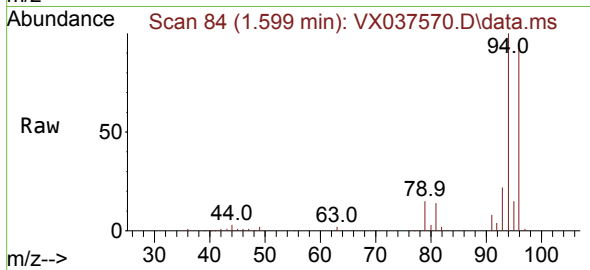
Tgt Ion: 62 Resp: 62406  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.4 38.0



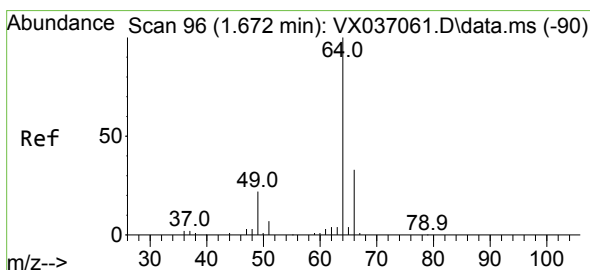
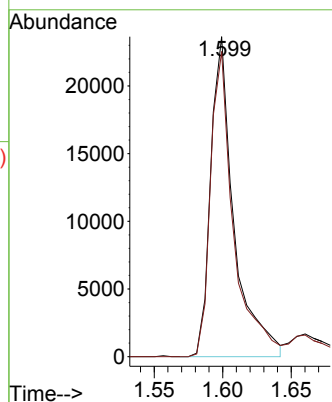
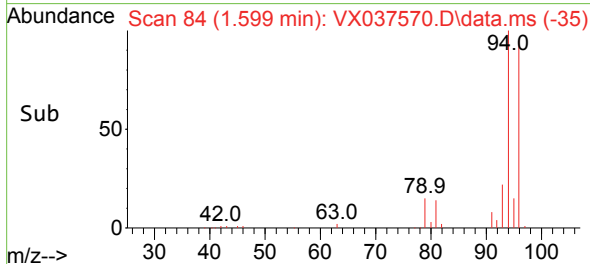


#5  
 Bromomethane  
 Concen: 43.994 ug/l  
 RT: 1.599 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :

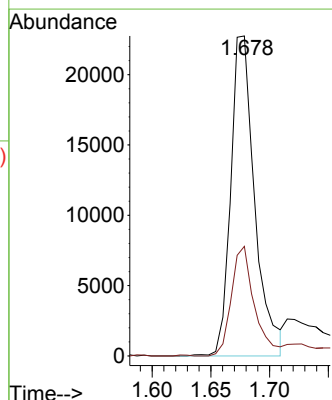
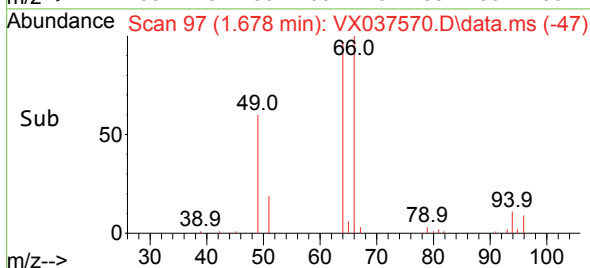
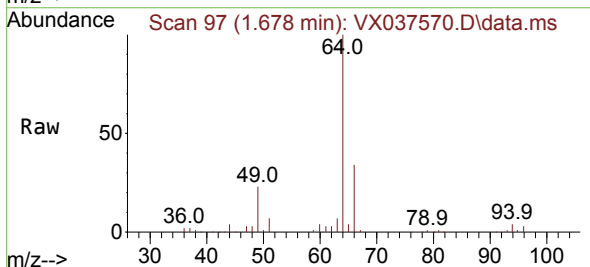


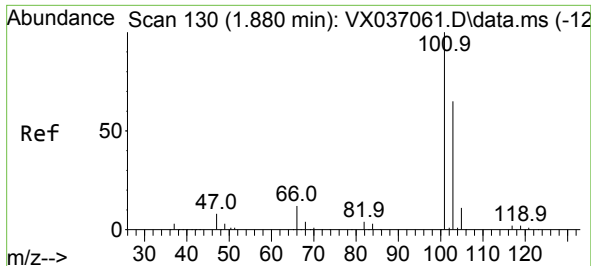
Tgt Ion: 94 Resp: 27867  
 Ion Ratio Lower Upper  
 94 100  
 96 95.3 74.6 111.8



#6  
 Chloroethane  
 Concen: 43.192 ug/l  
 RT: 1.678 min Scan# 97  
 Delta R.T. 0.006 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

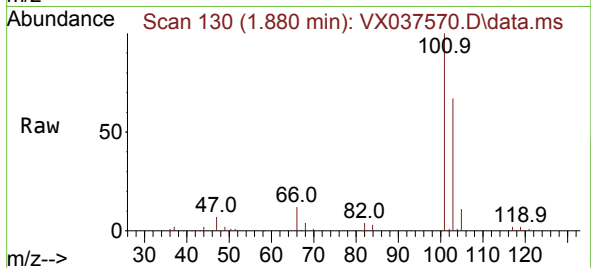
Tgt Ion: 64 Resp: 32321  
 Ion Ratio Lower Upper  
 64 100  
 66 33.9 25.1 37.7



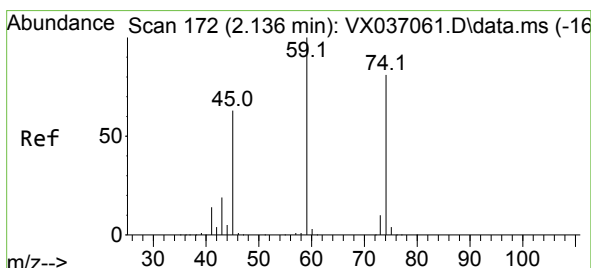
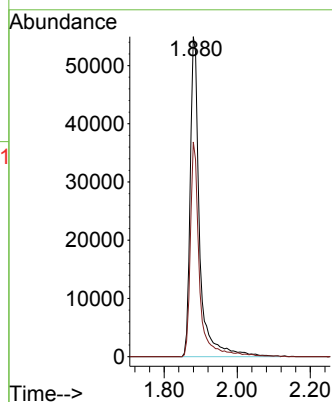
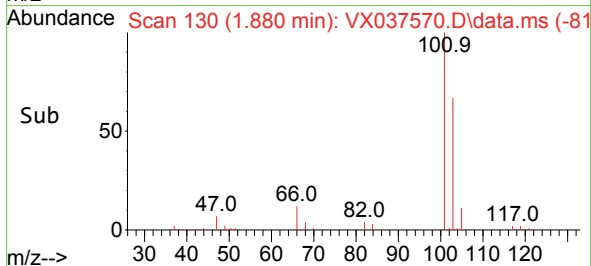


#7  
 Trichlorofluoromethane  
 Concen: 47.146 ug/l  
 RT: 1.880 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :

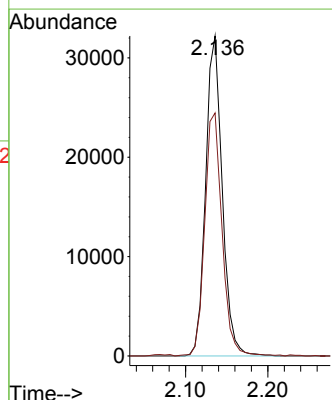
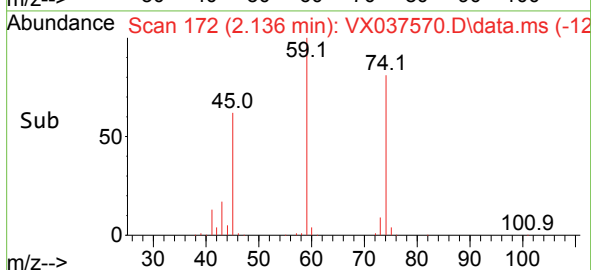
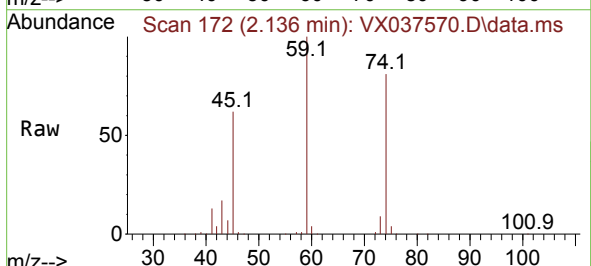


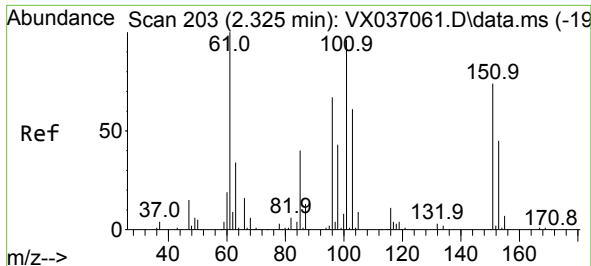
Tgt Ion:101 Resp: 98208  
 Ion Ratio Lower Upper  
 101 100  
 103 67.1 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 56.008 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

Tgt Ion: 74 Resp: 45138  
 Ion Ratio Lower Upper  
 74 100  
 45 79.3 53.3 159.8

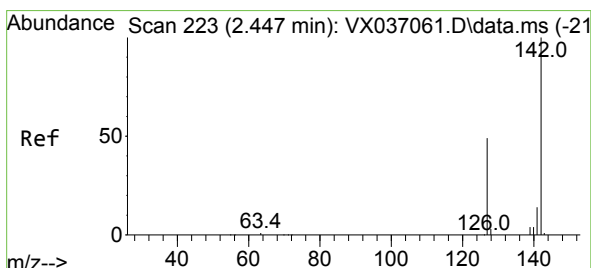
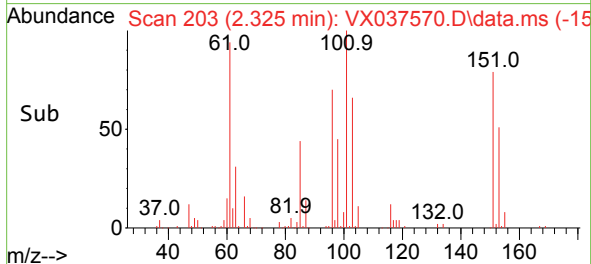
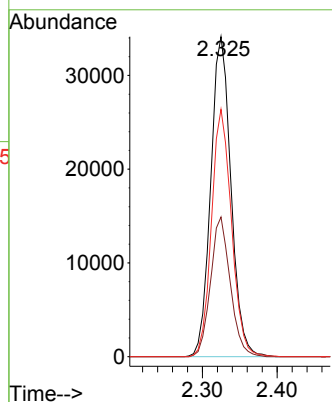
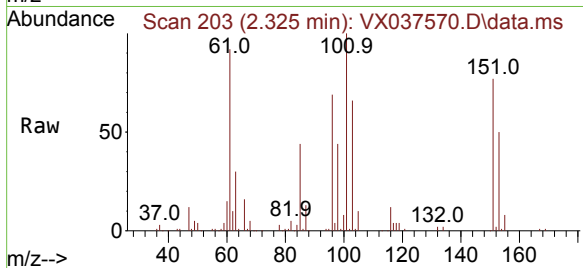




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.890 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

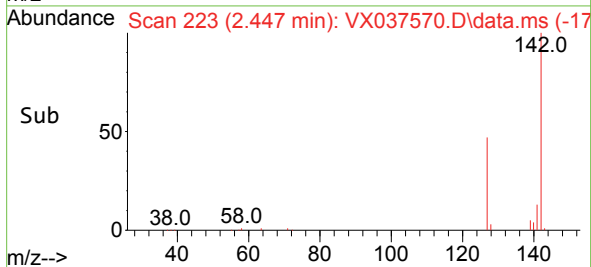
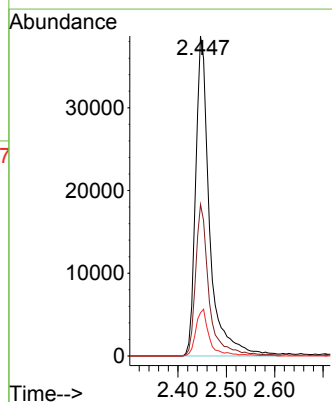
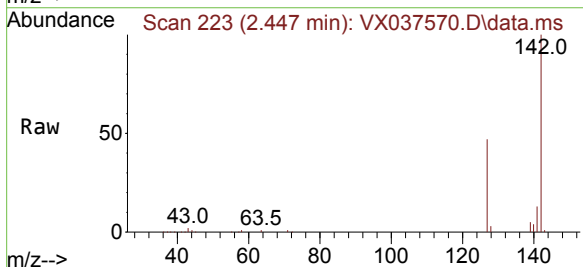
Instrument :  
MSVOA\_X  
ClientSampleId :

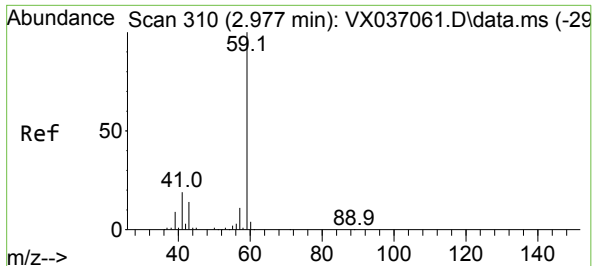
Tgt Ion:101 Resp: 64273  
Ion Ratio Lower Upper  
101 100  
85 42.5 37.0 55.6  
151 76.5 58.6 87.8



#10  
Methyl Iodide  
Concen: 52.663 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion:142 Resp: 77781  
Ion Ratio Lower Upper  
142 100  
127 45.8 41.6 62.4  
141 14.3 11.6 17.4

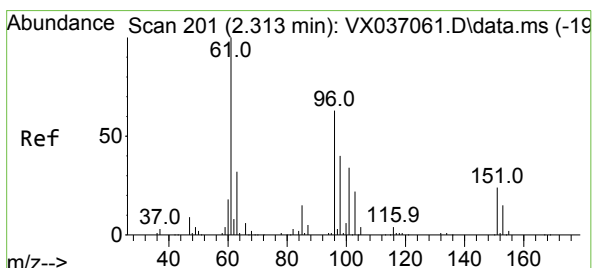
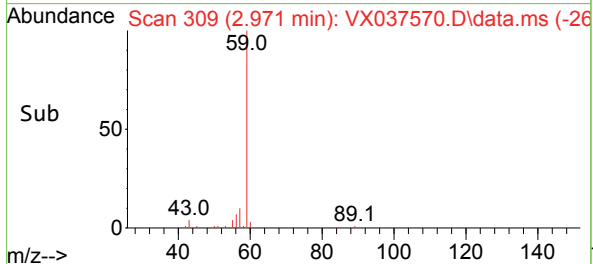
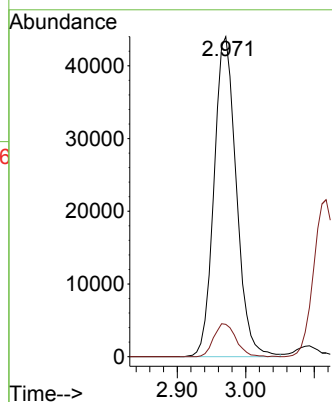
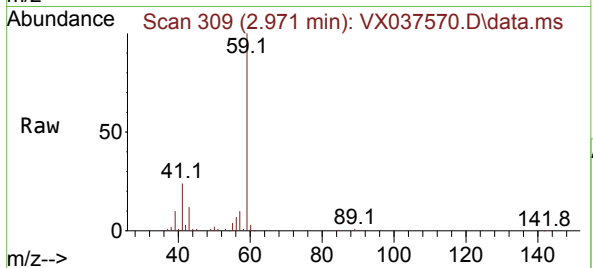




#11  
Tert butyl alcohol  
Concen: 255.773 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. -0.006 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

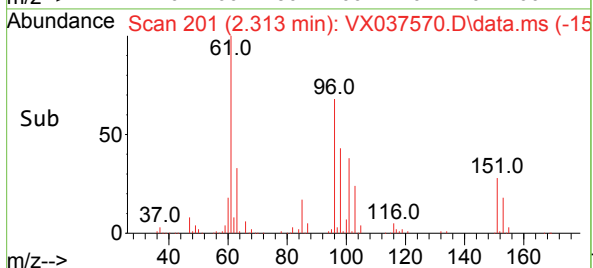
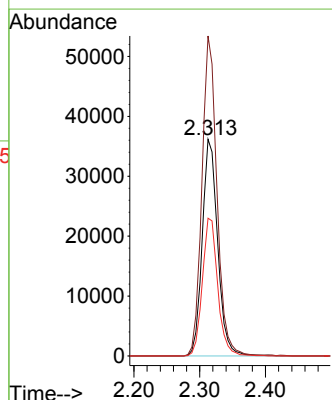
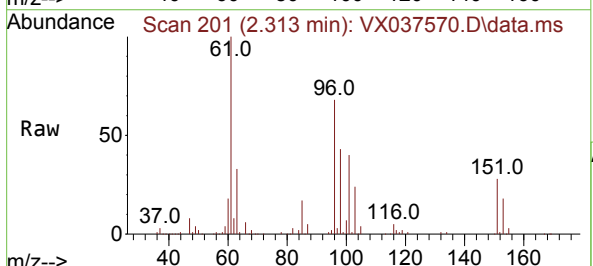
Instrument :  
MSVOA\_X  
ClientSampleId :

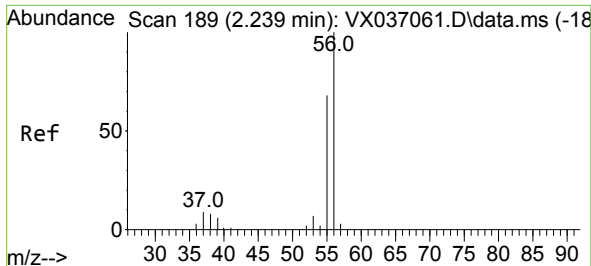
Tgt Ion: 59 Resp: 99438  
Ion Ratio Lower Upper  
59 100  
57 10.3 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 49.812 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 96 Resp: 58947  
Ion Ratio Lower Upper  
96 100  
61 147.7 144.6 216.8  
98 63.6 50.4 75.6

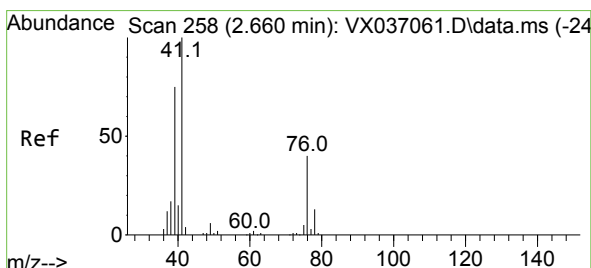
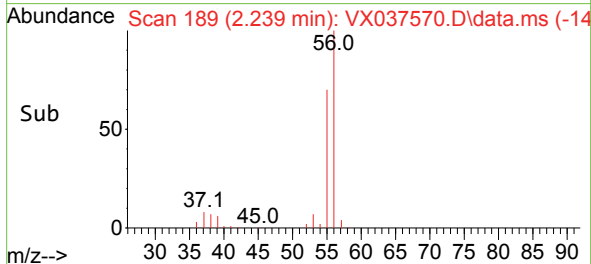
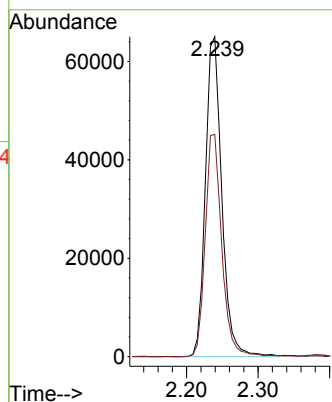
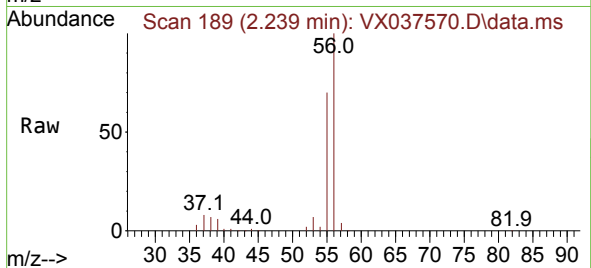




#13  
Acrolein  
Concen: 350.595 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

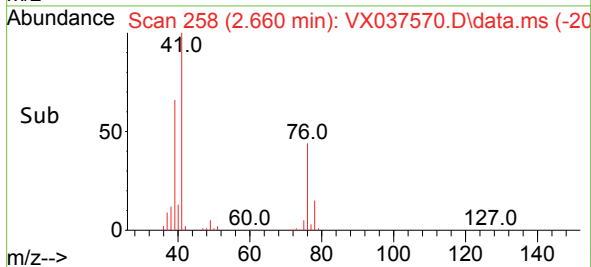
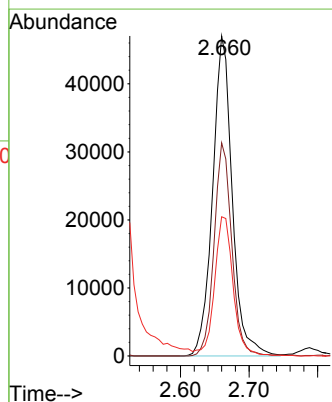
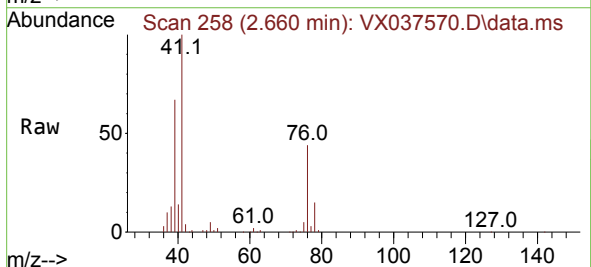
Instrument :  
MSVOA\_X  
ClientSampleId :

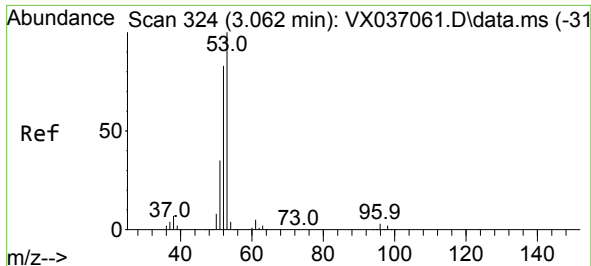
Tgt Ion: 56 Resp: 103691  
Ion Ratio Lower Upper  
56 100  
55 70.4 57.1 85.7



#14  
Allyl chloride  
Concen: 51.148 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

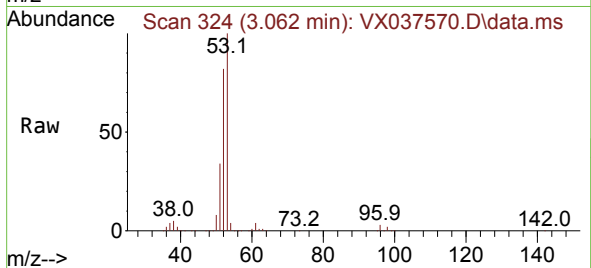
Tgt Ion: 41 Resp: 93687  
Ion Ratio Lower Upper  
41 100  
39 60.1 55.8 83.6  
76 41.3 24.3 36.5



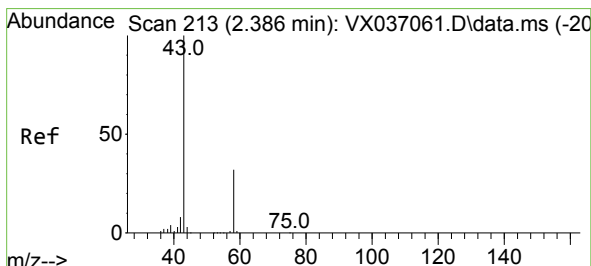
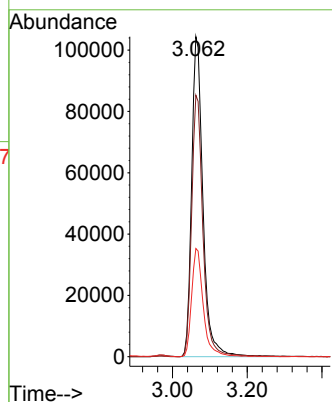
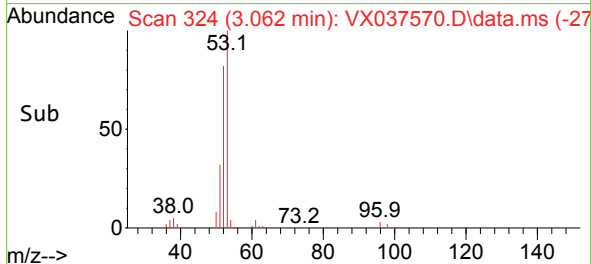


#15  
Acrylonitrile  
Concen: 316.298 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Instrument :  
MSVOA\_X  
ClientSampleId :

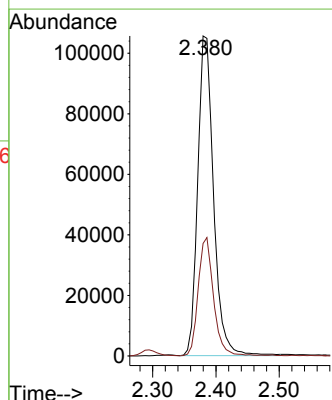
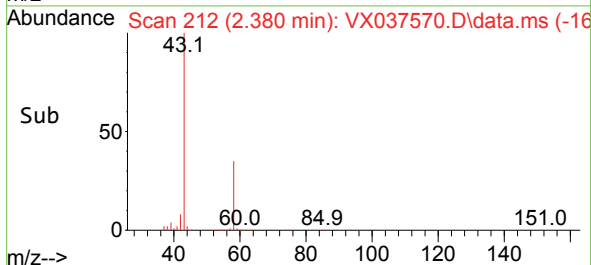
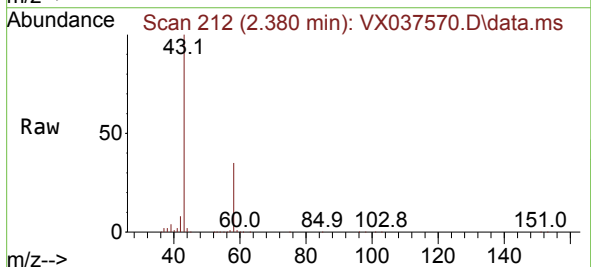


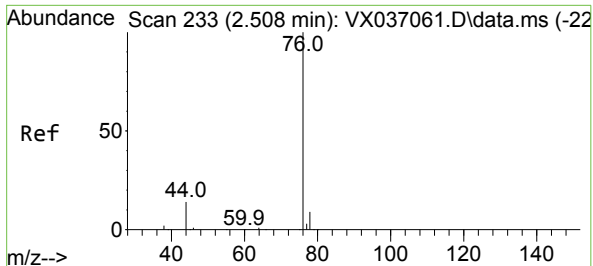
Tgt Ion: 53 Resp: 219483  
Ion Ratio Lower Upper  
53 100  
52 81.4 66.0 99.0  
51 34.8 29.8 44.6



#16  
Acetone  
Concen: 284.727 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

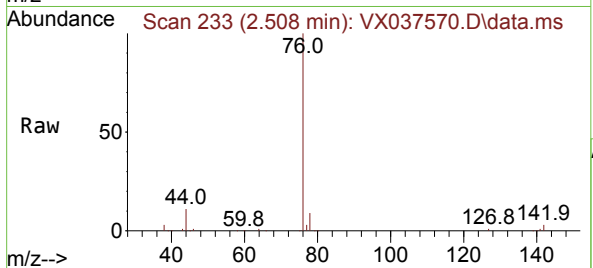
Tgt Ion: 43 Resp: 184608  
Ion Ratio Lower Upper  
43 100  
58 35.1 21.9 32.9#



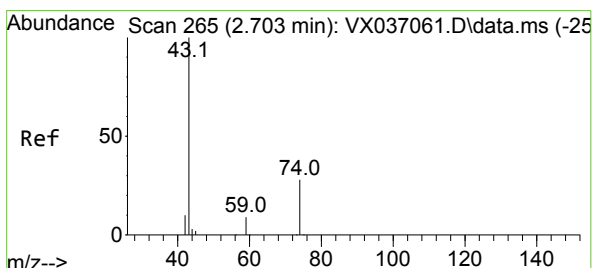
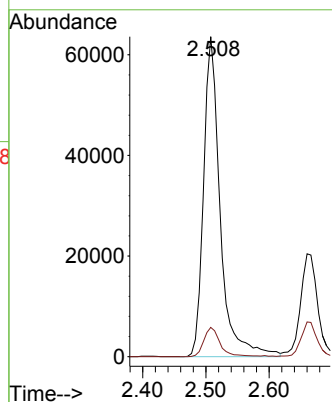
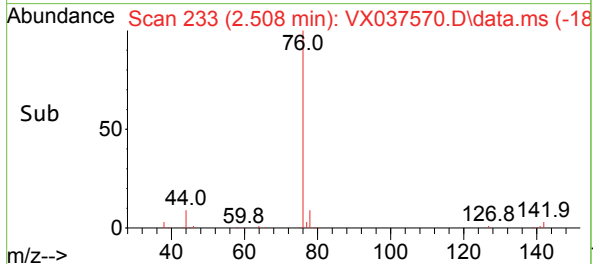


#17  
Carbon Disulfide  
Concen: 38.656 ug/l  
RT: 2.508 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Instrument :  
MSVOA\_X  
ClientSampleId :

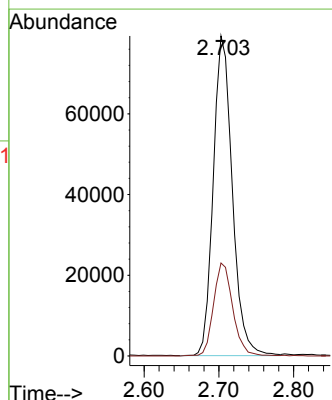
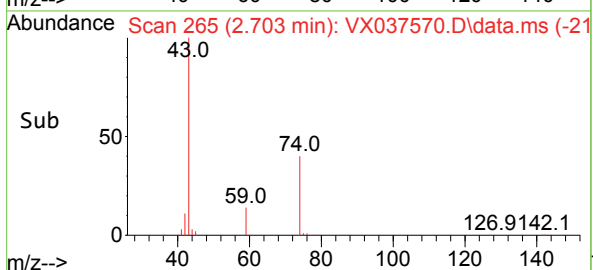
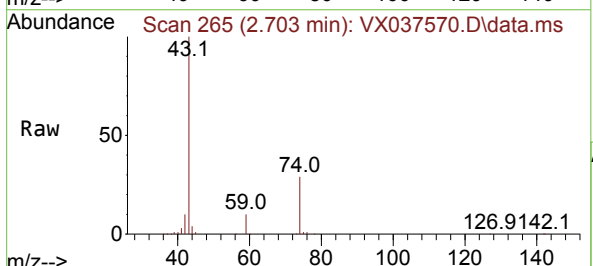


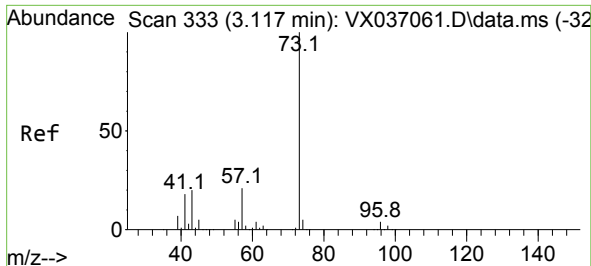
Tgt Ion: 76 Resp: 116359  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 57.624 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 43 Resp: 140673  
Ion Ratio Lower Upper  
43 100  
74 29.4 17.8 26.8#

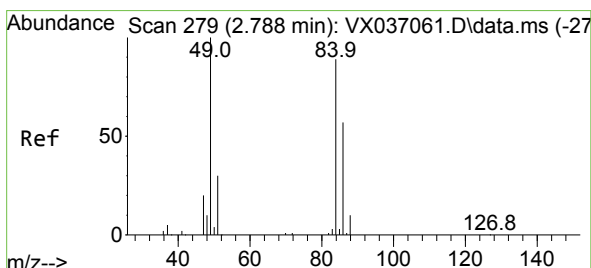
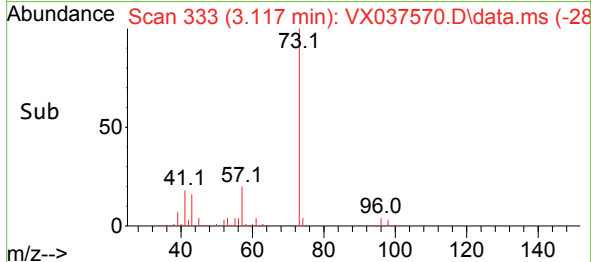
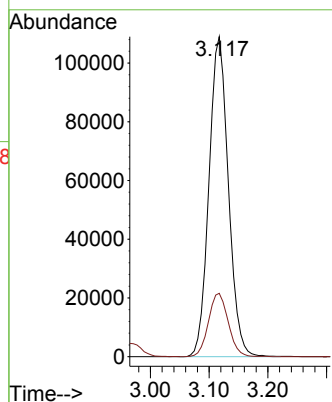
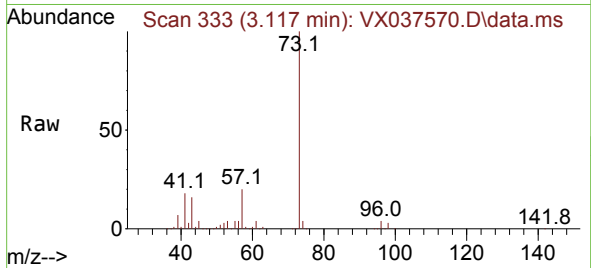




#19  
Methyl tert-butyl Ether  
Concen: 55.562 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

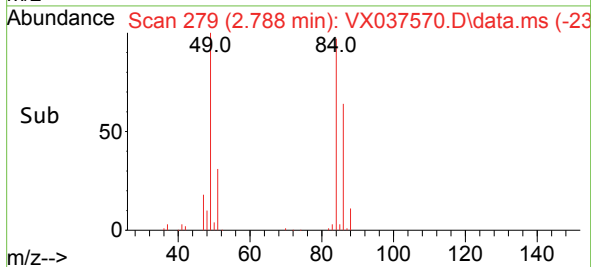
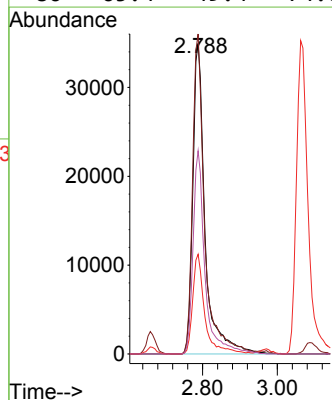
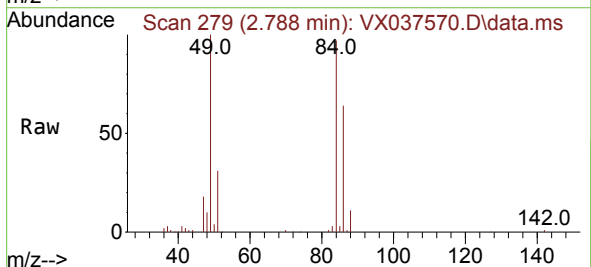
Instrument :  
MSVOA\_X  
ClientSampleId :

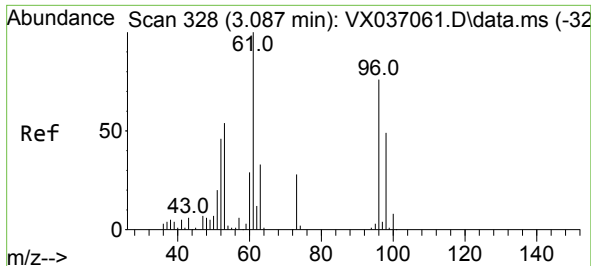
Tgt Ion: 73 Resp: 249370  
Ion Ratio Lower Upper  
73 100  
57 19.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 54.953 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 84 Resp: 79679  
Ion Ratio Lower Upper  
84 100  
49 103.0 103.6 155.4#  
51 32.1 33.8 50.6#  
86 65.4 49.4 74.0

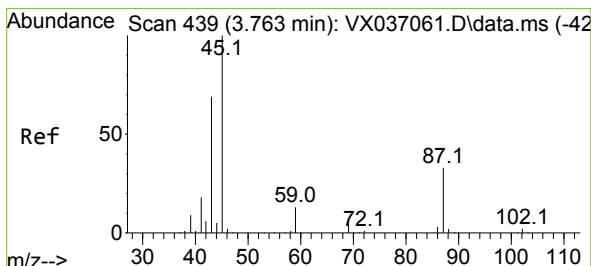
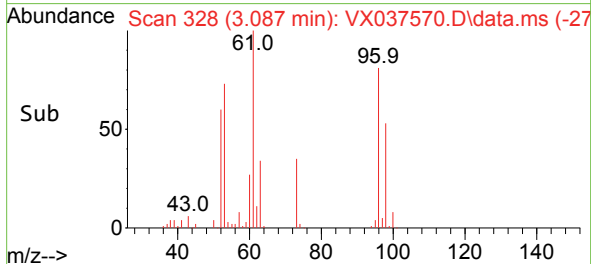
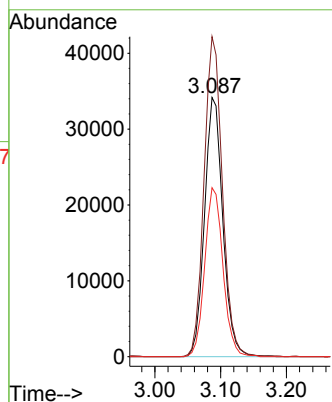
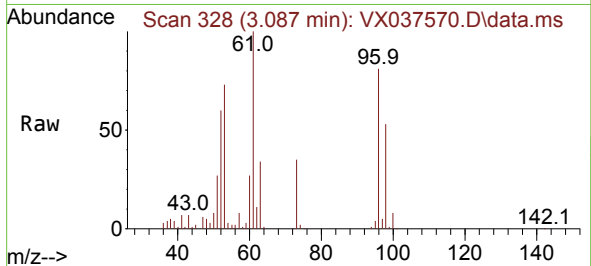




#21  
trans-1,2-Dichloroethene  
Concen: 49.158 ug/l  
RT: 3.087 min Scan# 312  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

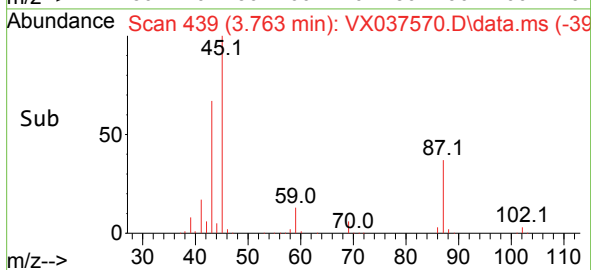
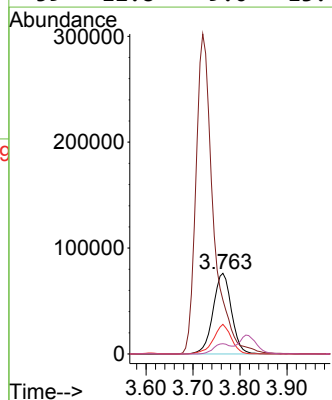
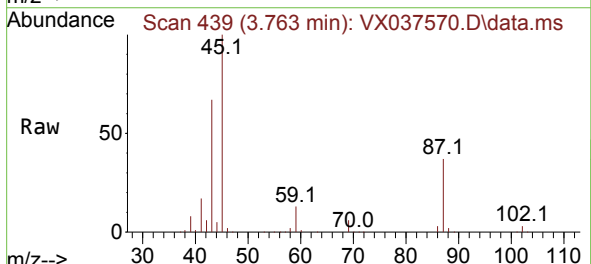
Instrument :  
MSVOA\_X  
ClientSampleId :

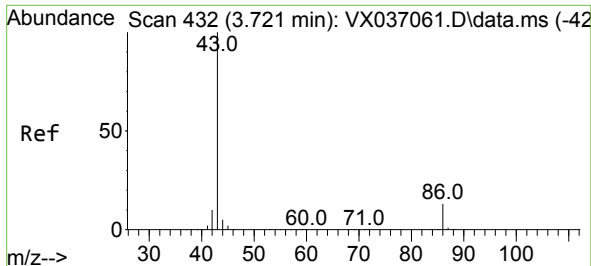
Tgt Ion: 96 Resp: 66129  
Ion Ratio Lower Upper  
96 100  
61 123.5 119.2 178.8  
98 65.2 48.7 73.1



#22  
Diisopropyl ether  
Concen: 55.267 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 45 Resp: 207728  
Ion Ratio Lower Upper  
45 100  
43 66.6 69.7 104.5#  
87 36.7 20.8 31.2#  
59 12.8 9.0 13.4

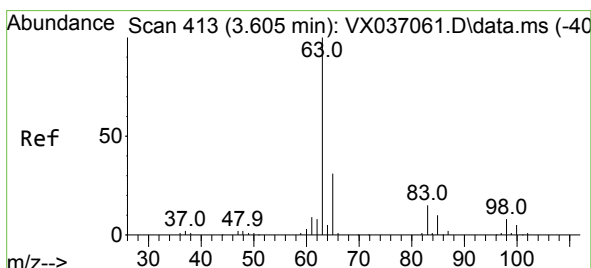
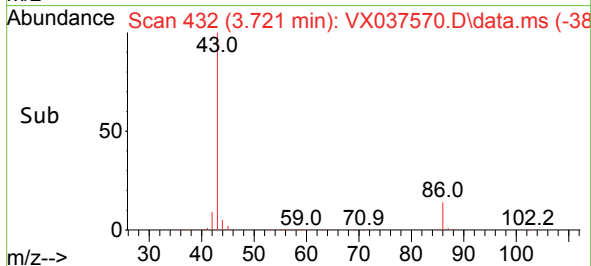
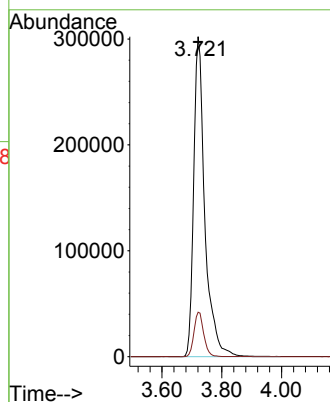
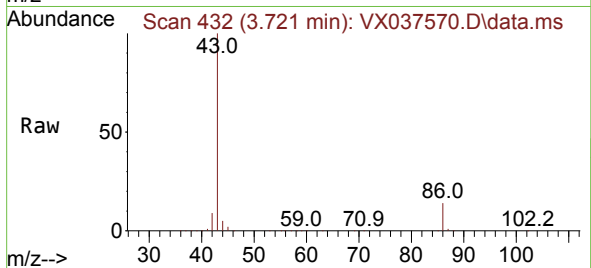




#23  
 Vinyl Acetate  
 Concen: 271.843 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

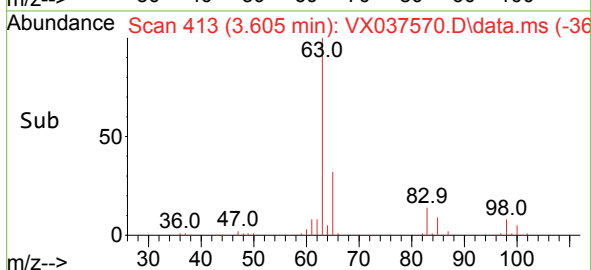
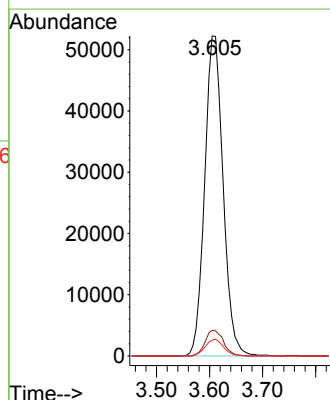
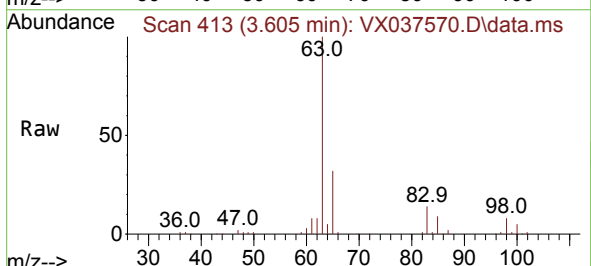
Instrument :  
 MSVOA\_X  
 ClientSampleId :

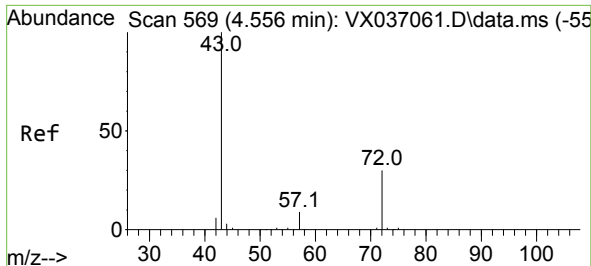
Tgt Ion: 43 Resp: 782992  
 Ion Ratio Lower Upper  
 43 100  
 86 13.9 7.8 11.8#



#24  
 1,1-Dichloroethane  
 Concen: 53.450 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

Tgt Ion: 63 Resp: 125984  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.3 9.8  
 100 4.9 2.1 6.5

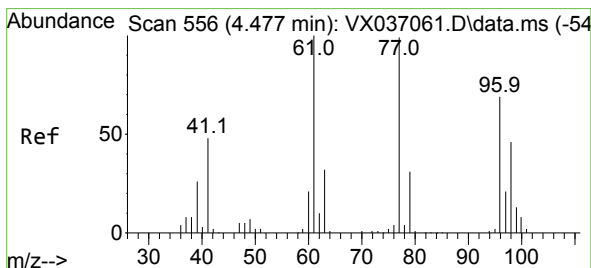
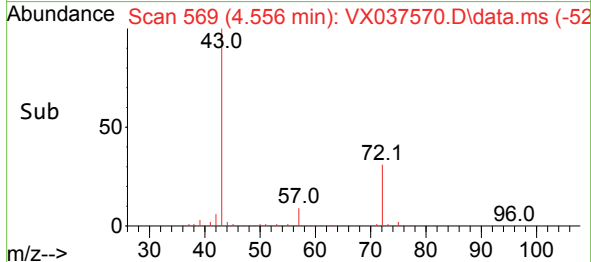
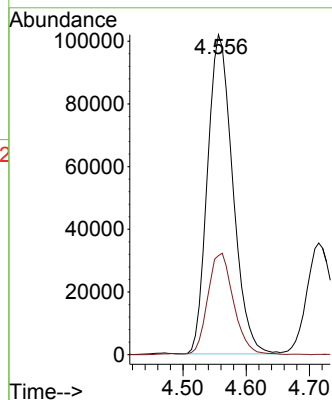
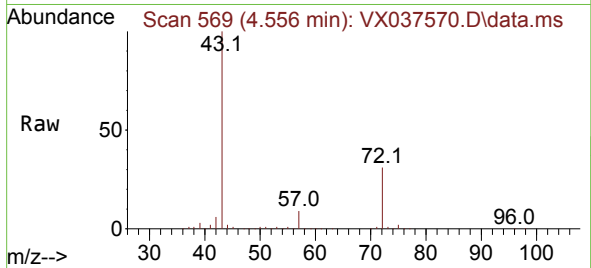




#25  
2-Butanone  
Concen: 289.613 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

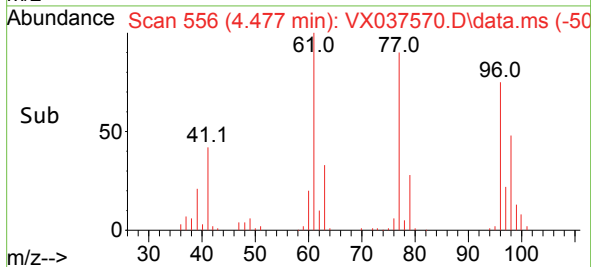
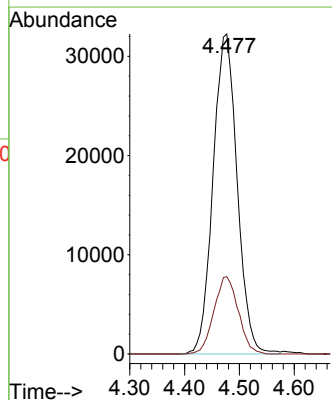
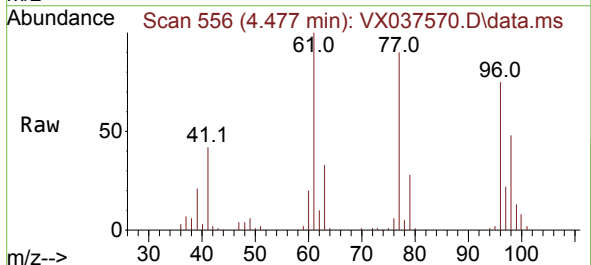
Instrument :  
MSVOA\_X  
ClientSampleId :

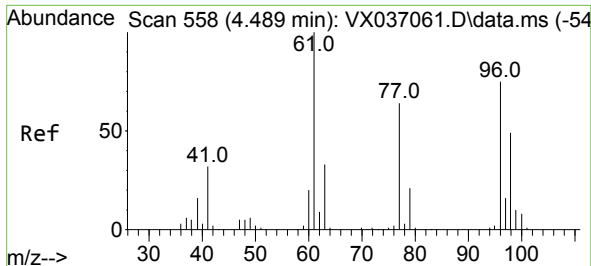
Tgt Ion: 43 Resp: 282734  
Ion Ratio Lower Upper  
43 100  
72 30.9 19.4 29.2#



#26  
2,2-Dichloropropane  
Concen: 46.822 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 77 Resp: 98560  
Ion Ratio Lower Upper  
77 100  
97 24.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 54.634 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

ClientSampleId :

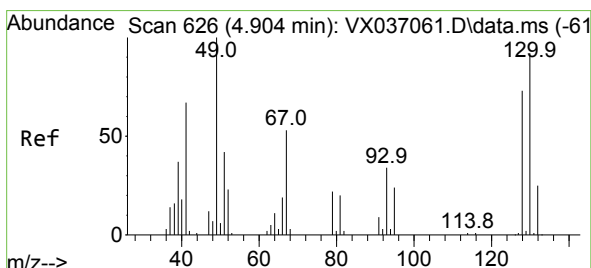
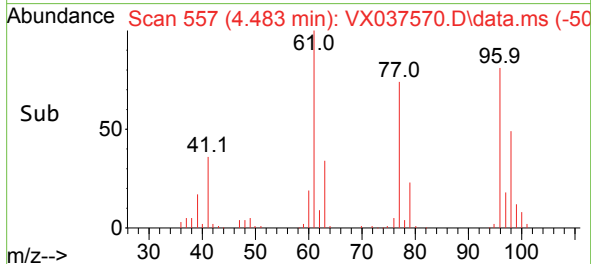
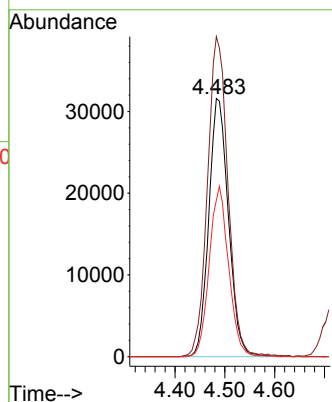
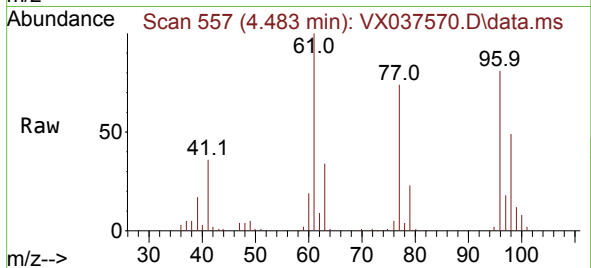
Tgt Ion: 96 Resp: 86644

Ion Ratio Lower Upper

96 100

61 129.1 0.0 312.2

98 64.7 0.0 129.0



#28

Bromochloromethane

Concen: 54.899 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

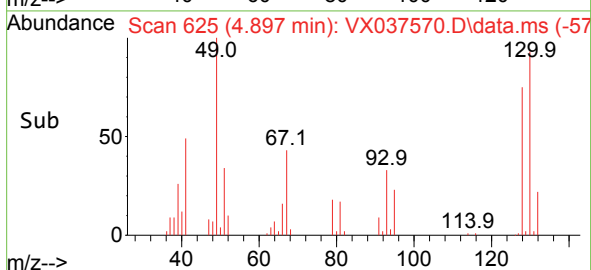
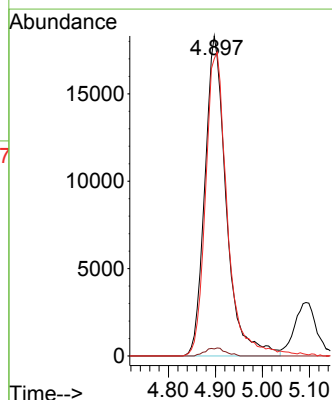
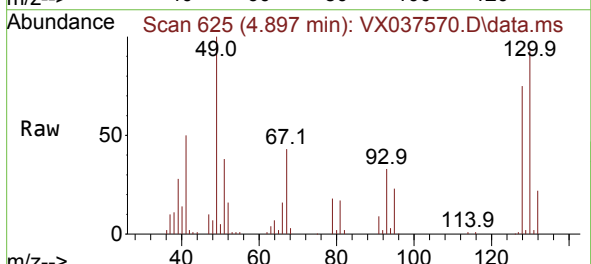
Tgt Ion: 49 Resp: 57805

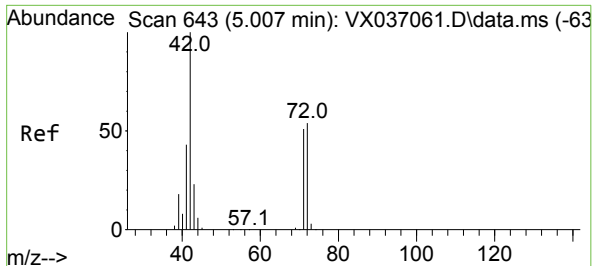
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 96.6 57.5 86.3#





#29

Tetrahydrofuran

Concen: 281.825 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

ClientSampleId :

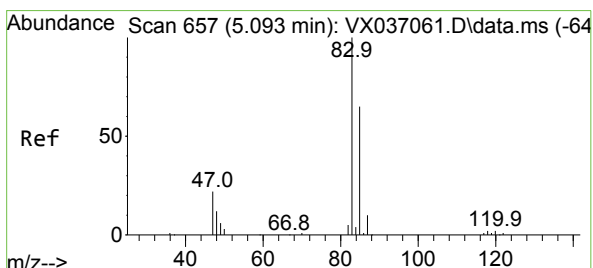
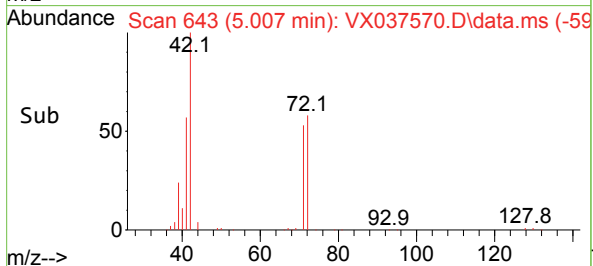
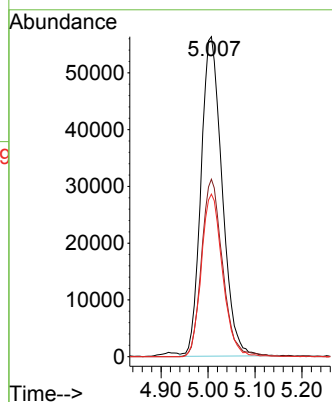
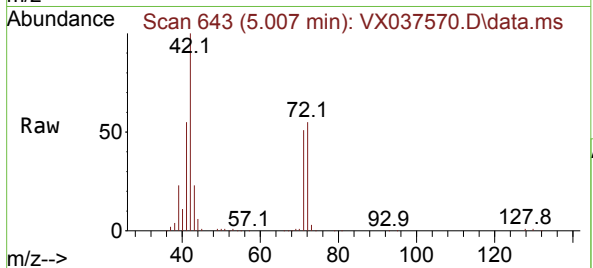
Tgt Ion: 42 Resp: 175459

Ion Ratio Lower Upper

42 100

72 55.5 34.2 51.4#

71 51.1 32.2 48.2#



#30

Chloroform

Concen: 53.336 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037570.D

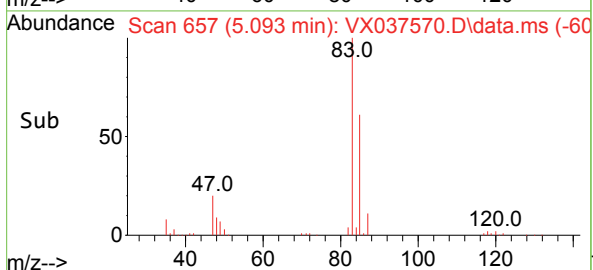
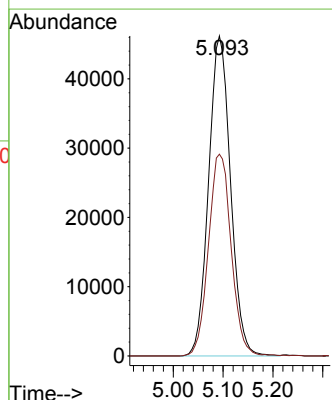
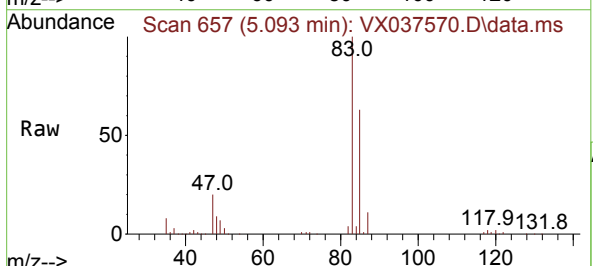
Acq: 07 Sep 2023 10:45

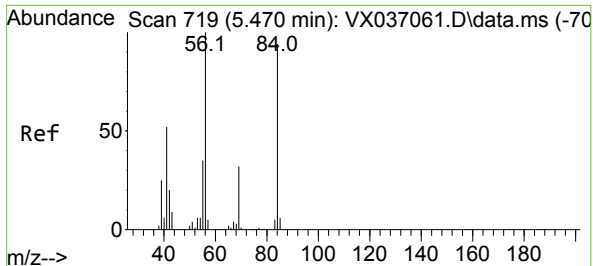
Tgt Ion: 83 Resp: 141122

Ion Ratio Lower Upper

83 100

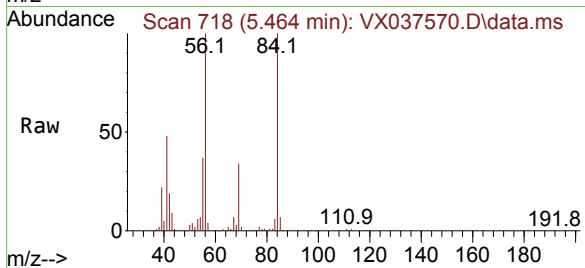
85 63.1 50.3 75.5



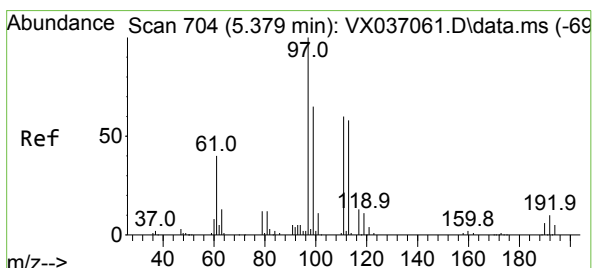
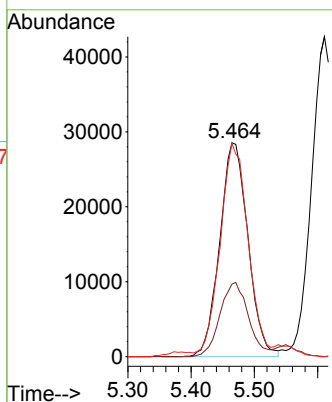
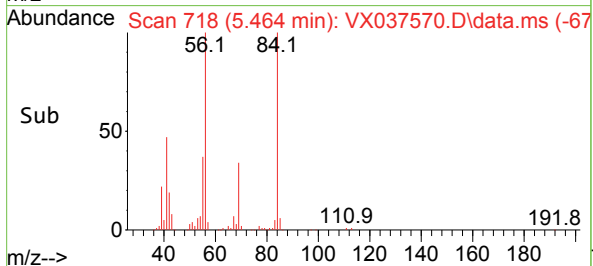


#31  
Cyclohexane  
Concen: 47.593 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Instrument :  
MSVOA\_X  
ClientSampleId :

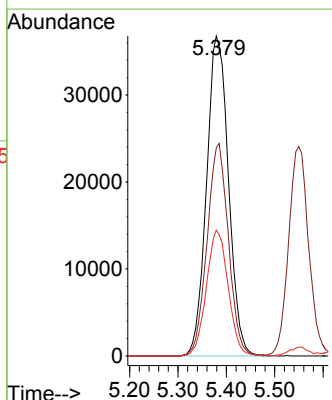
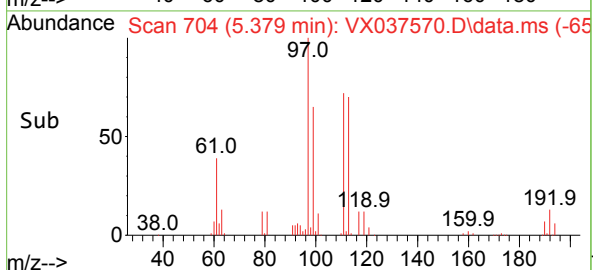
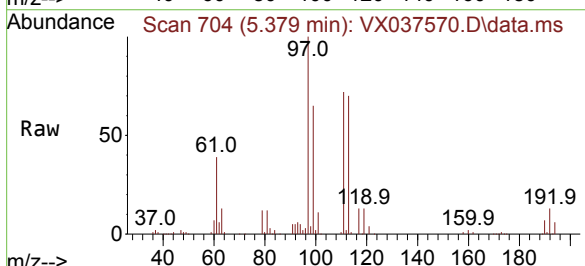


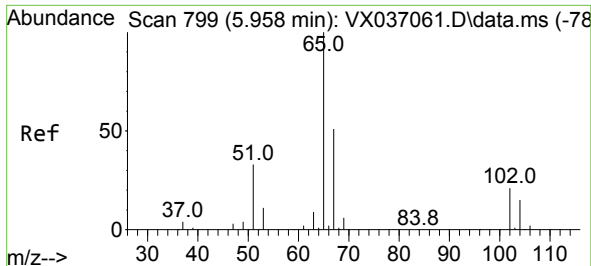
Tgt Ion: 56 Resp: 88691  
Ion Ratio Lower Upper  
56 100  
69 34.0 23.4 35.2  
84 97.7 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 48.887 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 97 Resp: 115914  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.1 76.7  
61 39.0 36.4 54.6

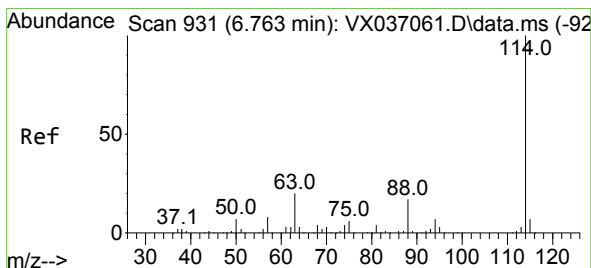
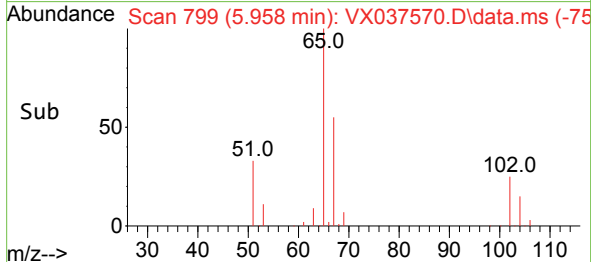
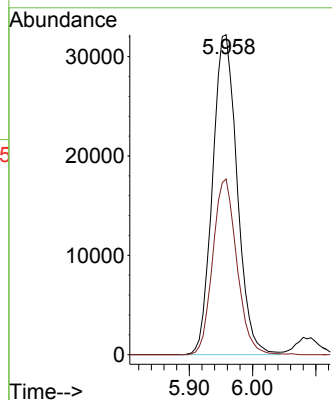
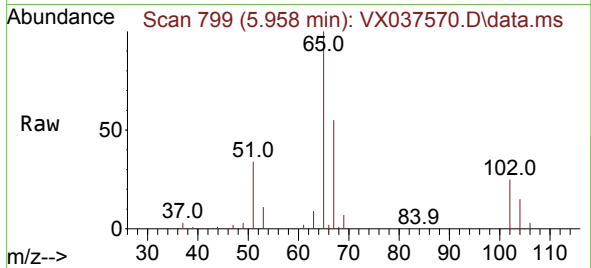




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.472 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

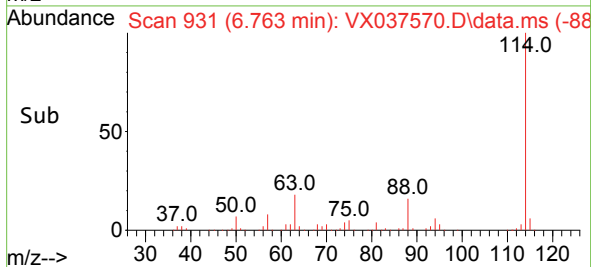
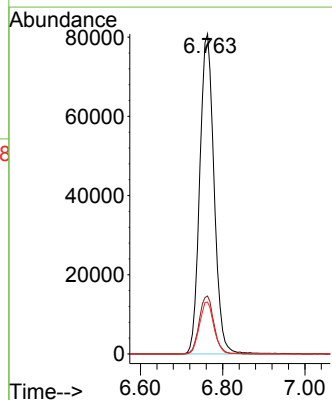
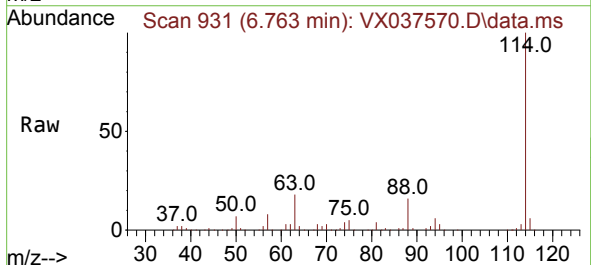
Instrument :  
 MSVOA\_X  
 ClientSampleId :

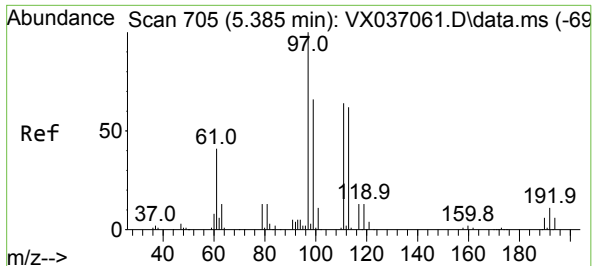
Tgt Ion: 65 Resp: 86964  
 Ion Ratio Lower Upper  
 65 100  
 67 53.8 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

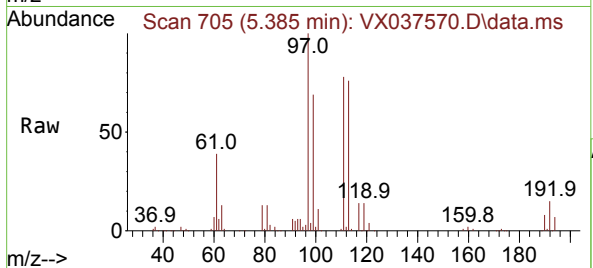
Tgt Ion: 114 Resp: 194864  
 Ion Ratio Lower Upper  
 114 100  
 63 18.1 0.0 45.0  
 88 16.2 0.0 36.6



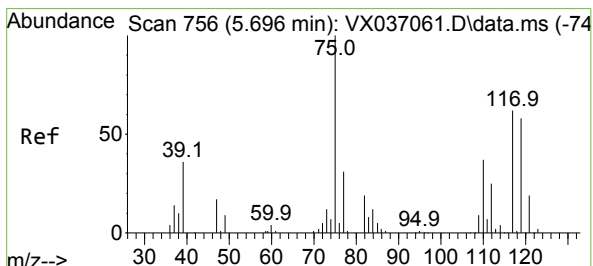
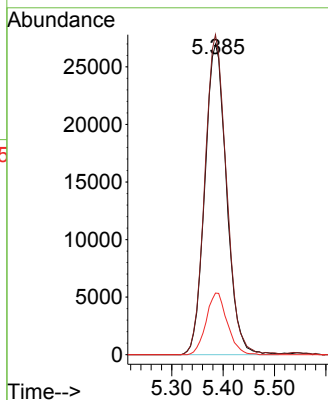
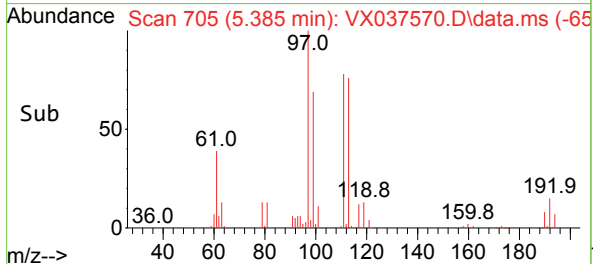


#35  
Dibromofluoromethane  
Concen: 61.270 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

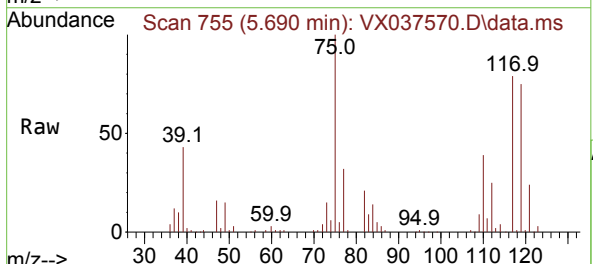
Instrument :  
MSVOA\_X  
ClientSampleId :



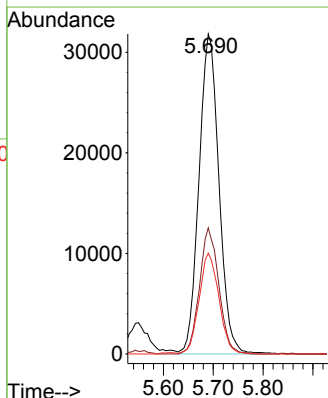
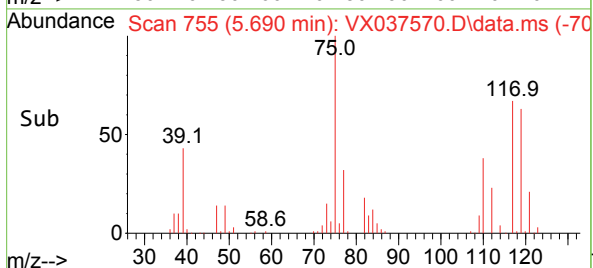
Tgt Ion:113 Resp: 79071  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.9 124.3  
192 19.3 13.3 19.9

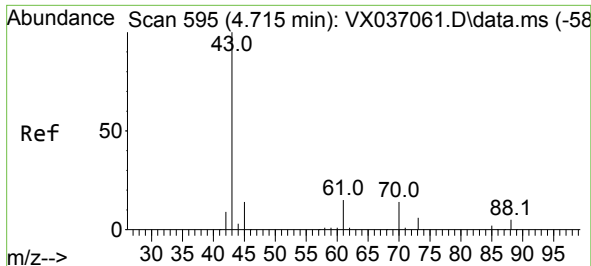


#36  
1,1-Dichloropropene  
Concen: 48.292 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45



Tgt Ion: 75 Resp: 88544  
Ion Ratio Lower Upper  
75 100  
110 38.1 17.0 50.9  
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 55.773 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

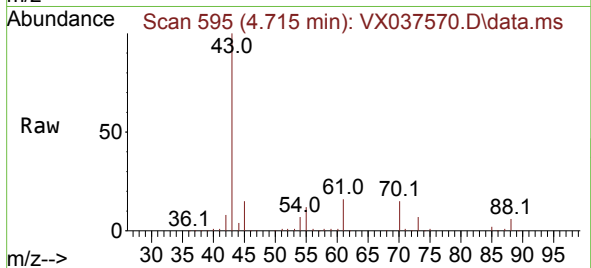
Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

ClientSampleId :



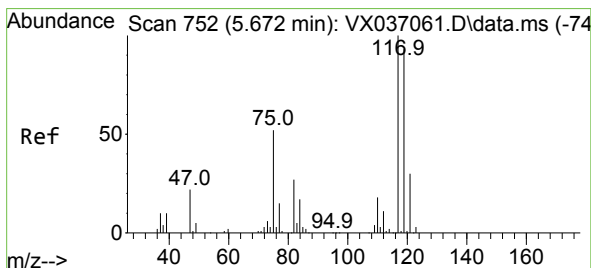
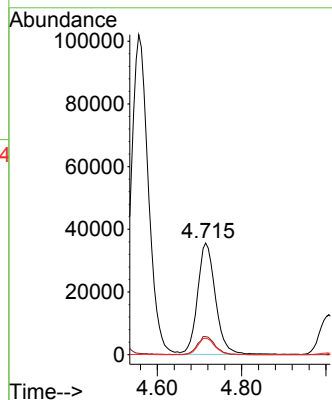
Tgt Ion: 43 Resp: 104459

Ion Ratio Lower Upper

43 100

61 16.4 10.6 16.0#

70 14.3 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 49.010 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

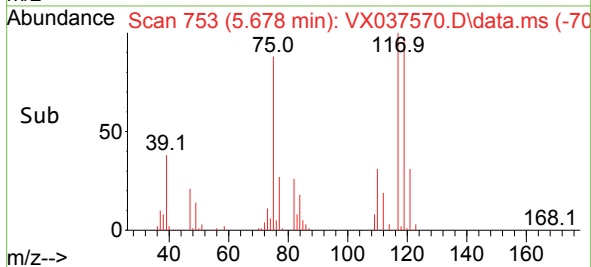
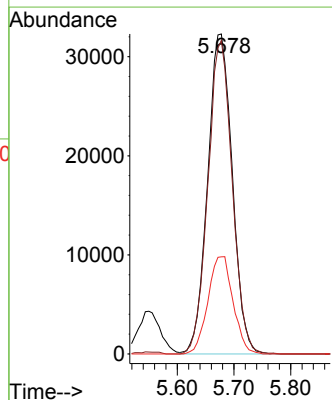
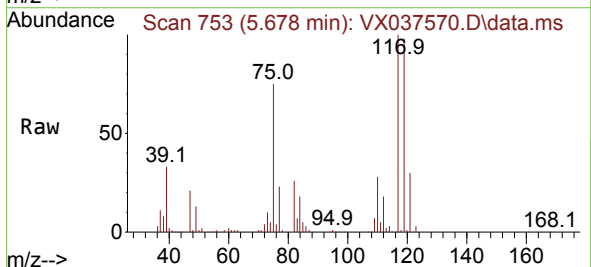
Tgt Ion: 117 Resp: 97612

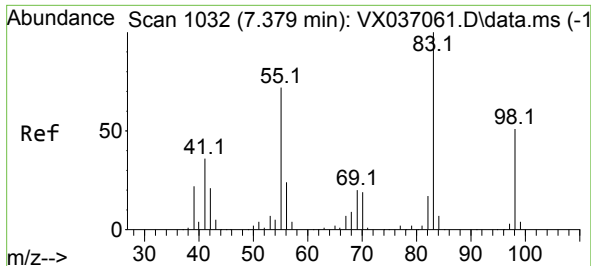
Ion Ratio Lower Upper

117 100

119 97.9 78.2 117.2

121 30.3 24.4 36.6

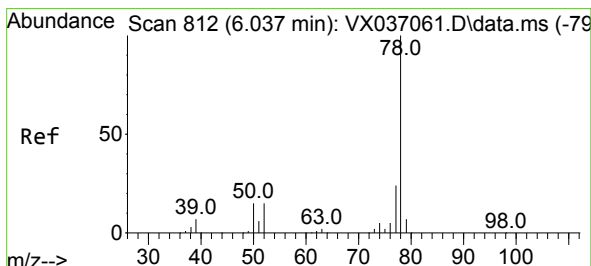
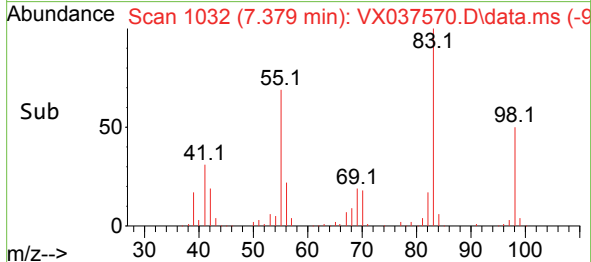
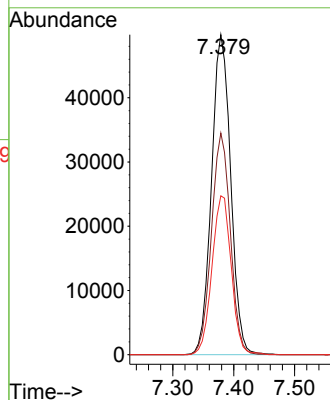
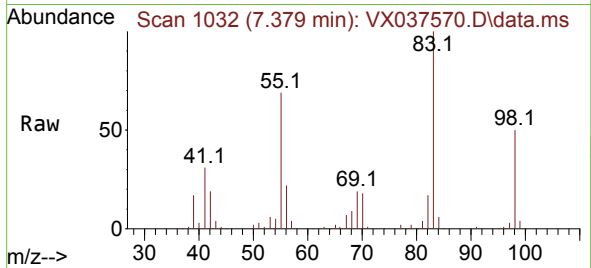




#39  
Methylcyclohexane  
Concen: 56.598 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

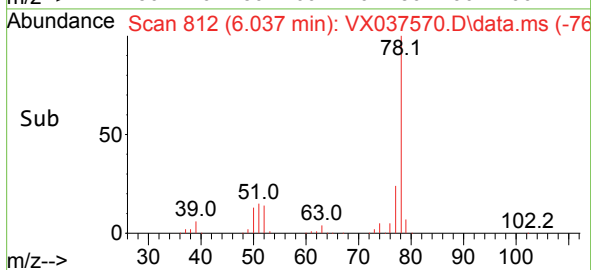
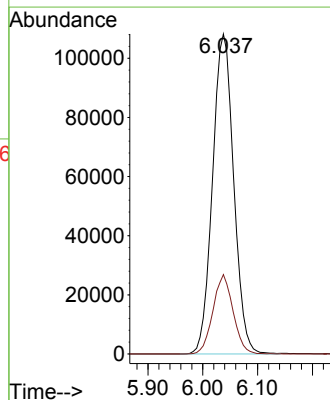
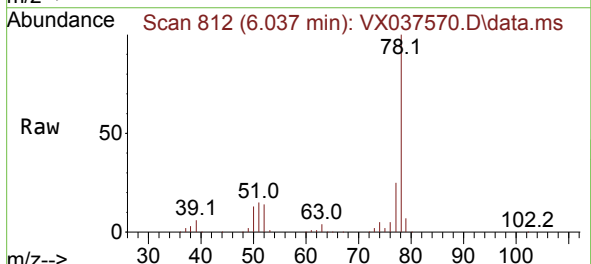
Instrument :  
MSVOA\_X  
ClientSampleId :

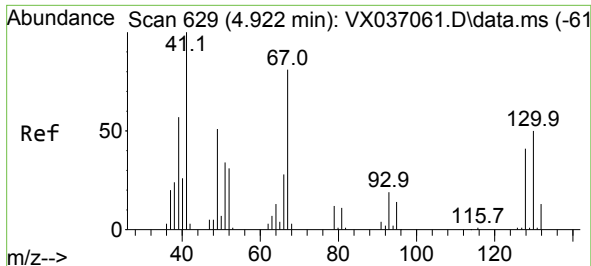
Tgt Ion: 83 Resp: 109028  
Ion Ratio Lower Upper  
83 100  
55 69.2 64.6 97.0  
98 49.6 36.7 55.1



#40  
Benzene  
Concen: 55.112 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

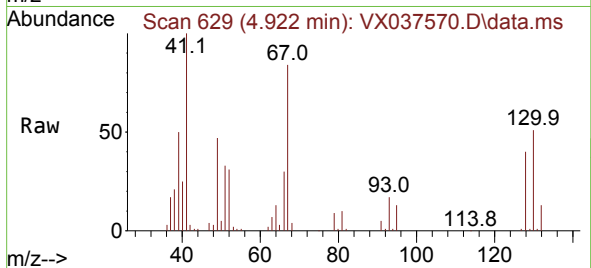
Tgt Ion: 78 Resp: 289805  
Ion Ratio Lower Upper  
78 100  
77 24.8 19.3 28.9



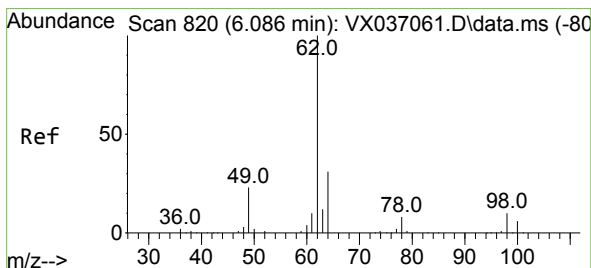
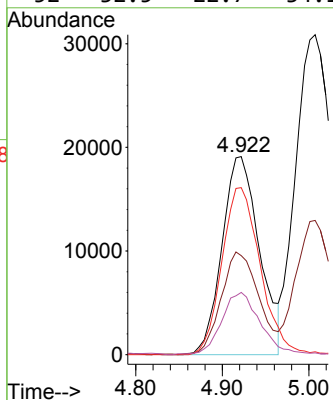
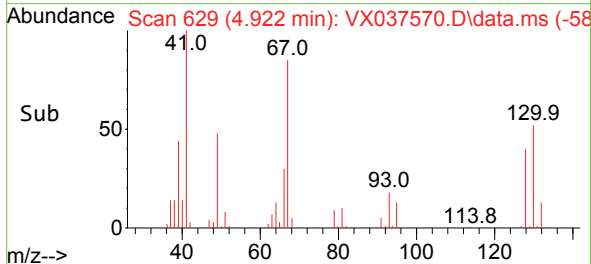


#41  
Methacrylonitrile  
Concen: 59.084 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Instrument :  
MSVOA\_X  
ClientSampleId :

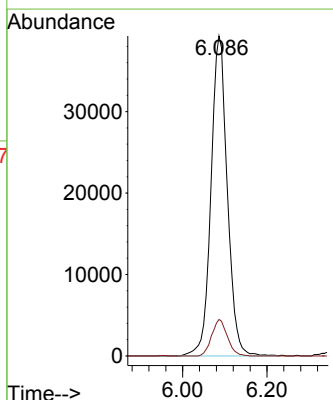
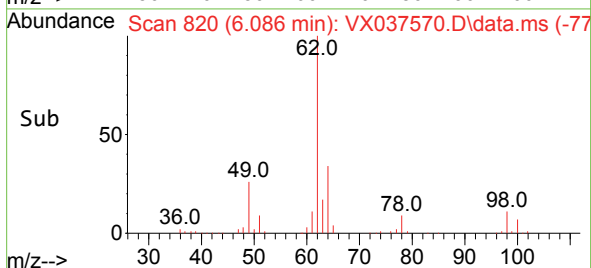
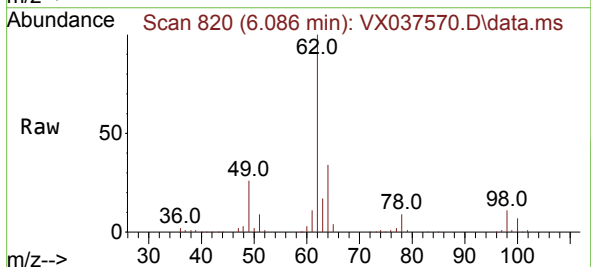


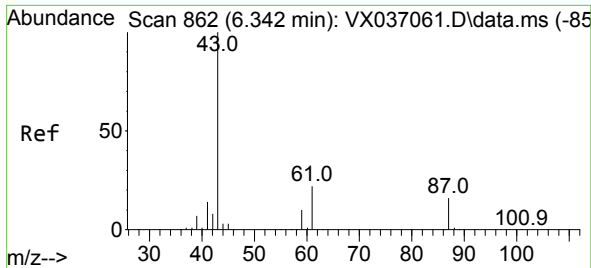
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 57527 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.4  | 45.2  | 67.8  |
| 67       | 86.5  | 52.6  | 78.8# |
| 52       | 32.5  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 51.188 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 105558 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.9  | 0.0   | 16.0   |

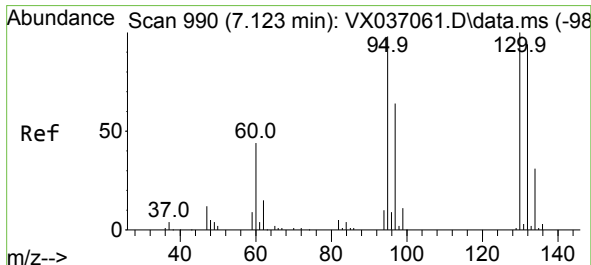
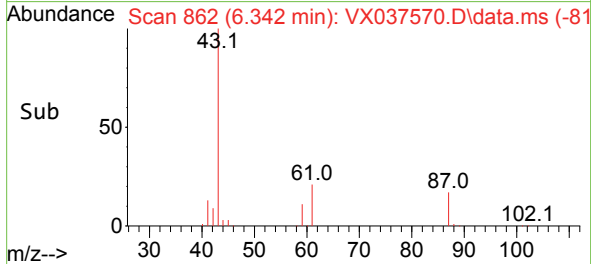
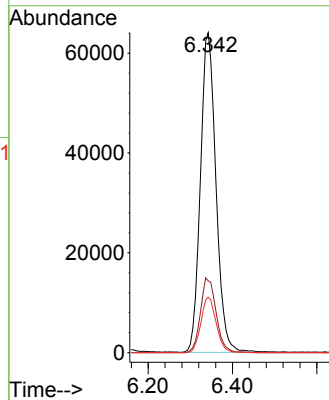
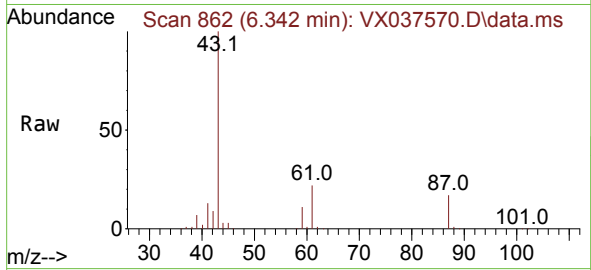




#43  
Isopropyl Acetate  
Concen: 55.323 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

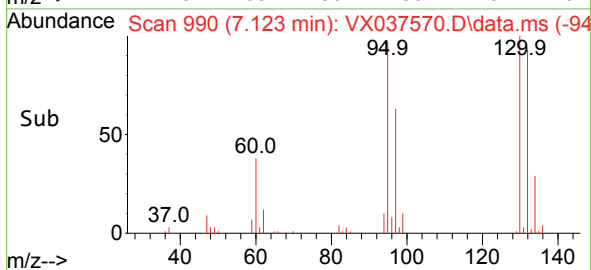
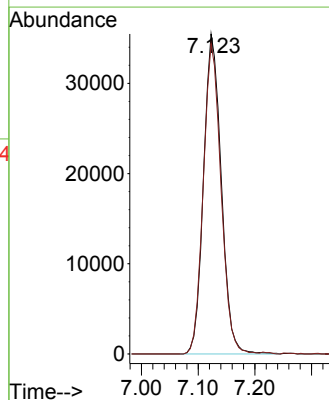
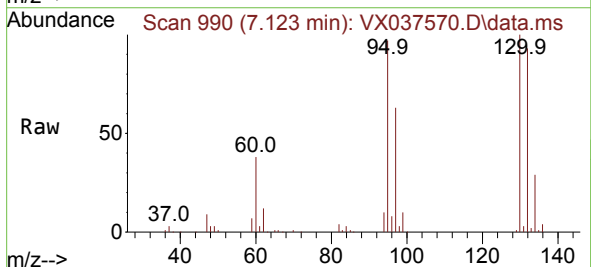
Instrument :  
MSVOA\_X  
ClientSampleId :

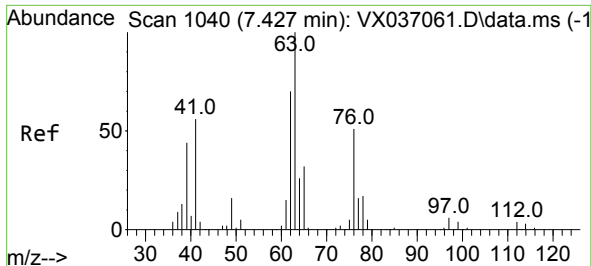
Tgt Ion: 43 Resp: 164503  
Ion Ratio Lower Upper  
43 100  
61 23.5 15.2 22.8#  
87 17.1 9.8 14.6#



#44  
Trichloroethene  
Concen: 51.620 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion:130 Resp: 76969  
Ion Ratio Lower Upper  
130 100  
95 97.0 0.0 204.4

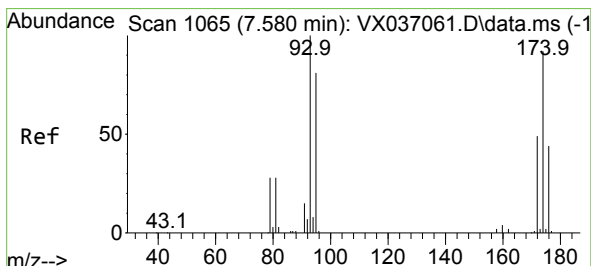
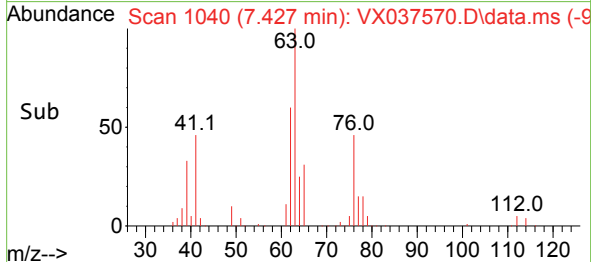
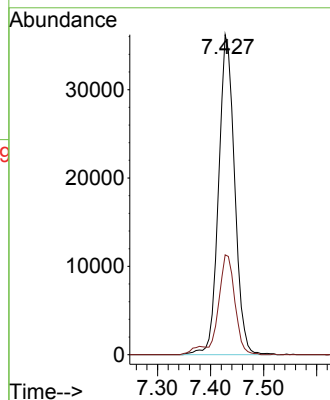
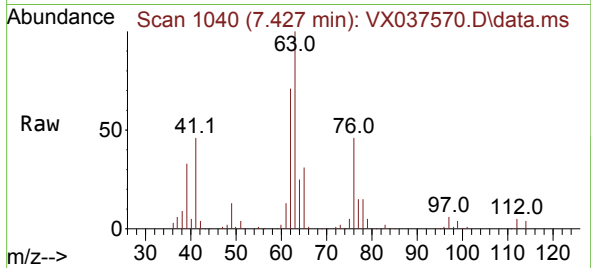




#45  
1,2-Dichloropropane  
Concen: 58.685 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

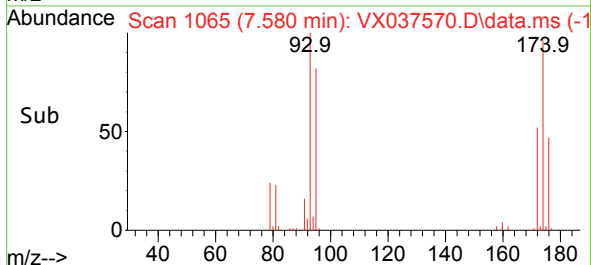
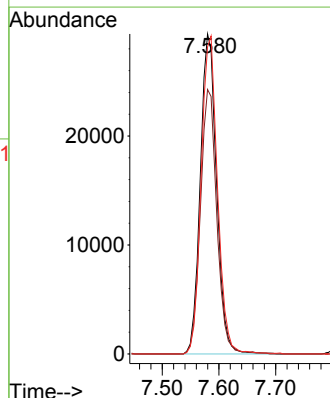
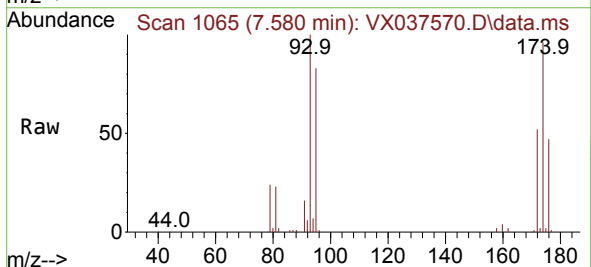
Instrument :  
MSVOA\_X  
ClientSampleId :

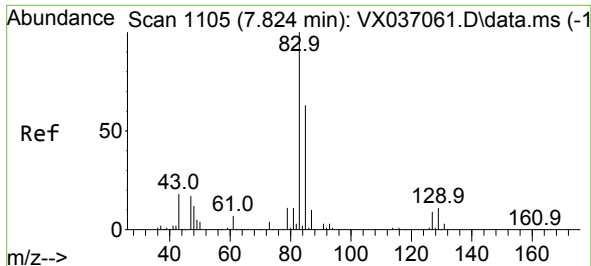
Tgt Ion: 63 Resp: 76090  
Ion Ratio Lower Upper  
63 100  
65 31.2 24.3 36.5



#46  
Dibromomethane  
Concen: 57.353 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 93 Resp: 58582  
Ion Ratio Lower Upper  
93 100  
95 83.3 66.6 100.0  
174 99.8 69.4 104.0

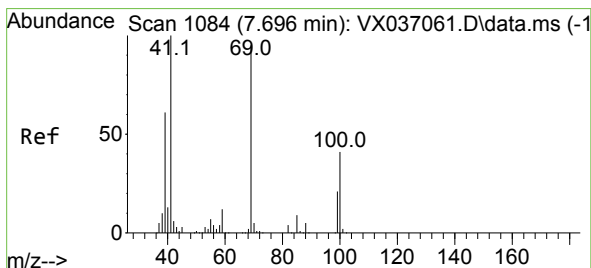
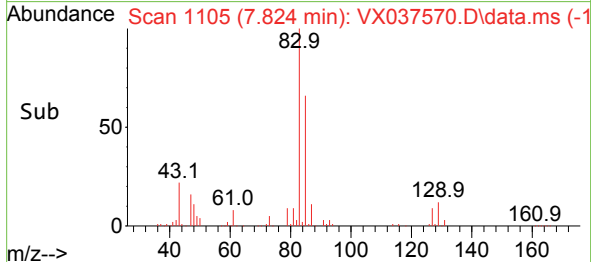
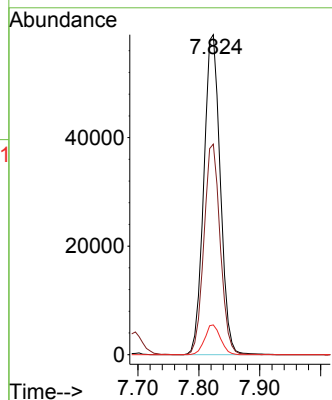
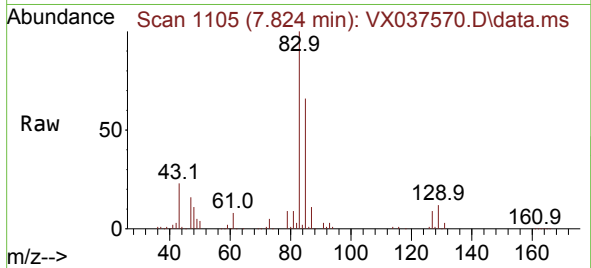




#47  
Bromodichloromethane  
Concen: 56.578 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

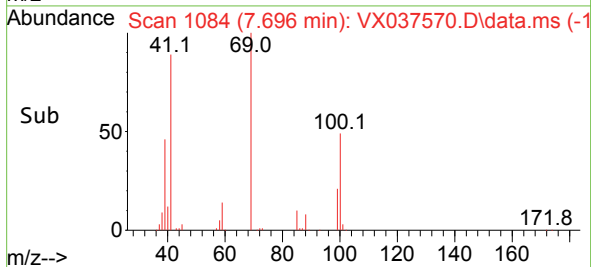
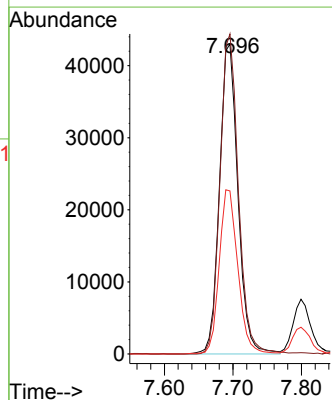
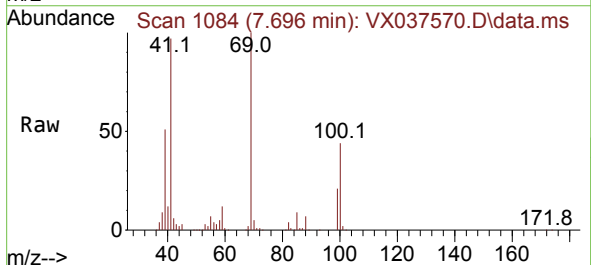
Instrument :  
MSVOA\_X  
ClientSampleId :

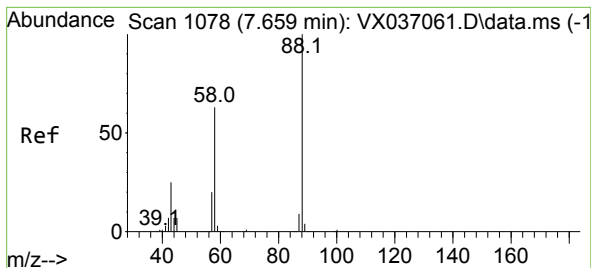
Tgt Ion: 83 Resp: 110691  
Ion Ratio Lower Upper  
83 100  
85 65.8 49.8 74.6  
127 9.3 7.1 10.7



#48  
Methyl methacrylate  
Concen: 55.311 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 41 Resp: 80207  
Ion Ratio Lower Upper  
41 100  
69 102.8 59.2 88.8#  
39 53.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1266.827 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

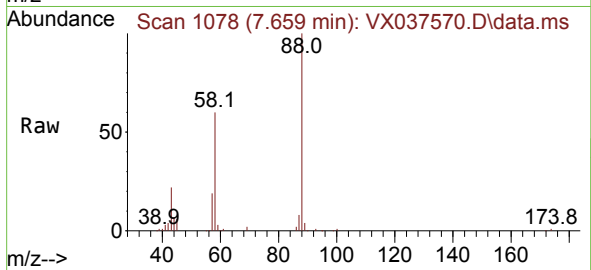
Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

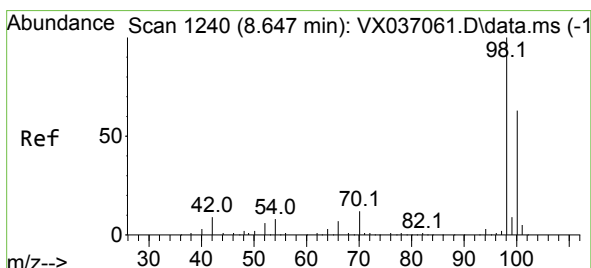
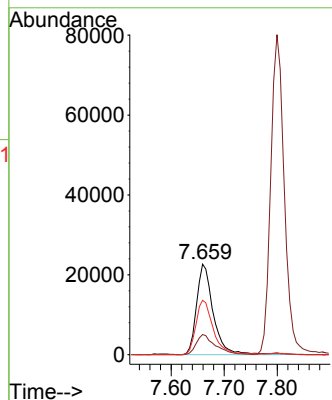
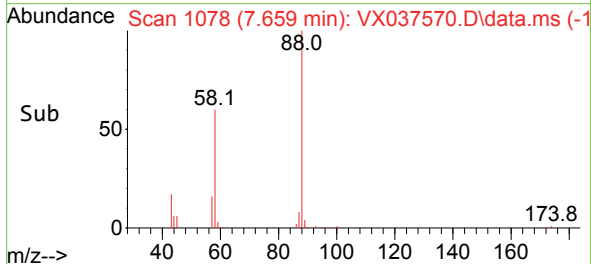
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 49475 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 25.6  | 0.0   | 0.0#  |
| 58       | 62.8  | 60.1  | 90.1  |



#50

Toluene-d8

Concen: 56.198 ug/l

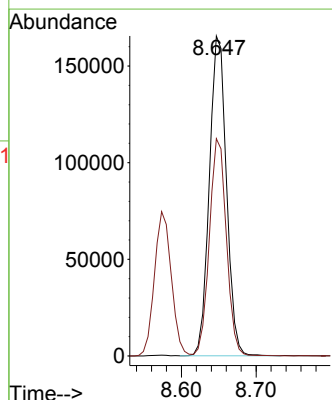
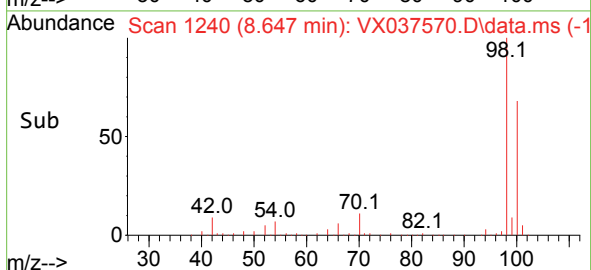
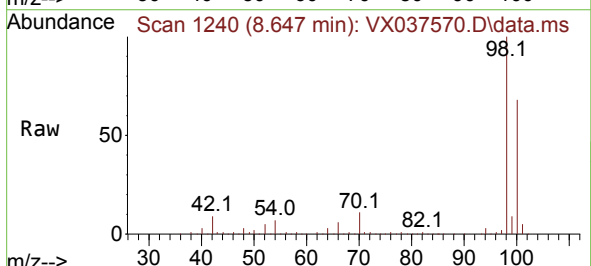
RT: 8.647 min Scan# 1240

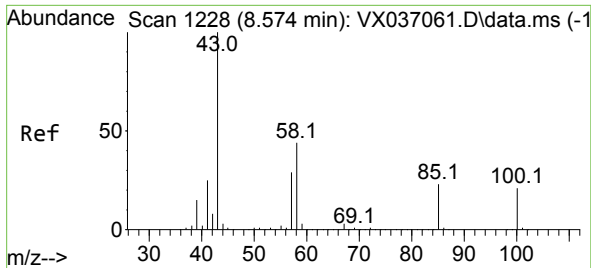
Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 263077 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 67.5  | 53.1  | 79.7   |

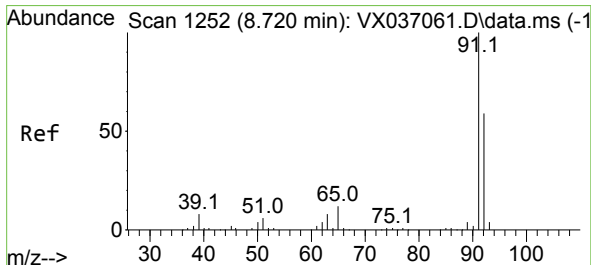
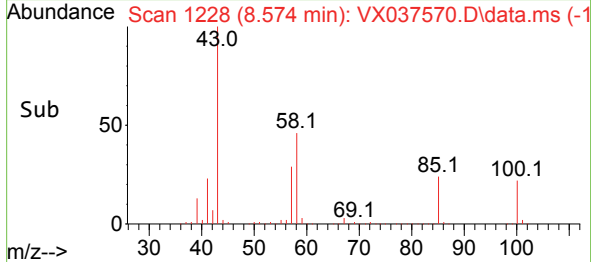
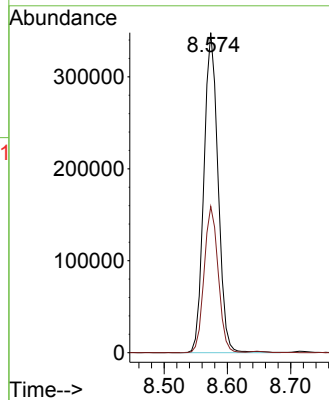
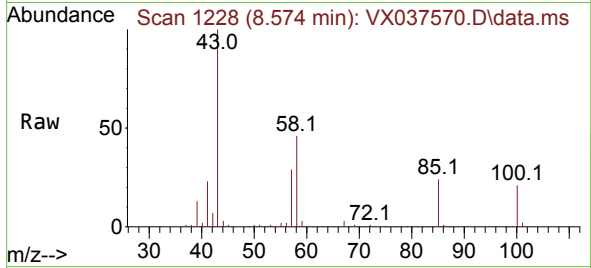




#51  
4-Methyl-2-Pentanone  
Concen: 301.315 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

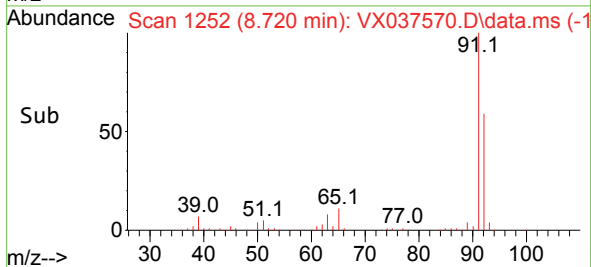
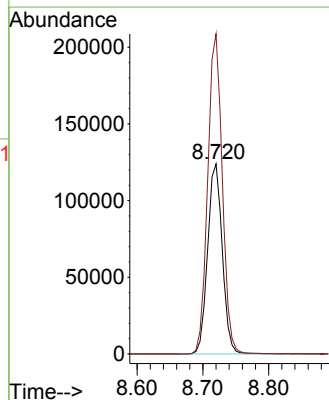
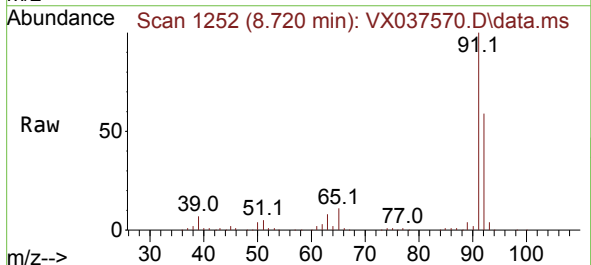
Instrument :  
MSVOA\_X  
ClientSampleId :

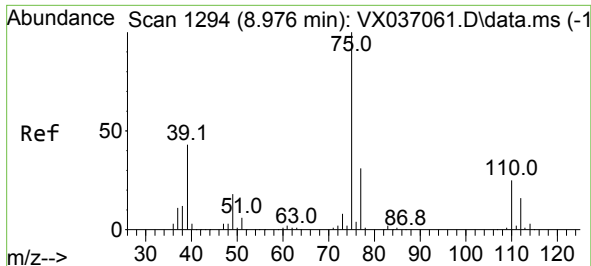
Tgt Ion: 43 Resp: 544054  
Ion Ratio Lower Upper  
43 100  
58 45.3 30.4 45.6



#52  
Toluene  
Concen: 55.207 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 92 Resp: 191809  
Ion Ratio Lower Upper  
92 100  
91 168.0 134.2 201.2

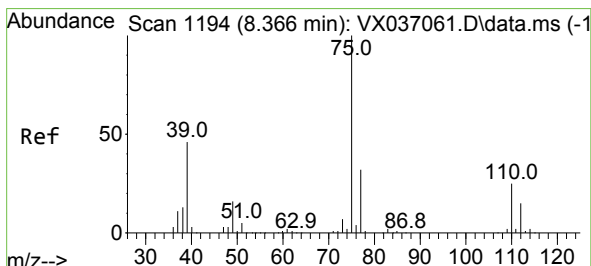
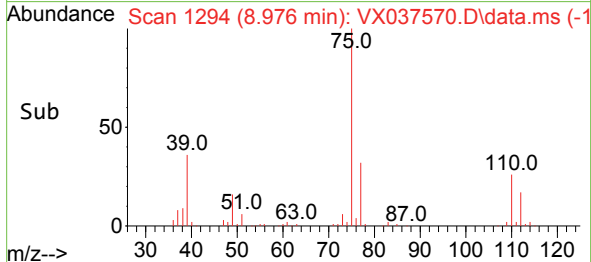
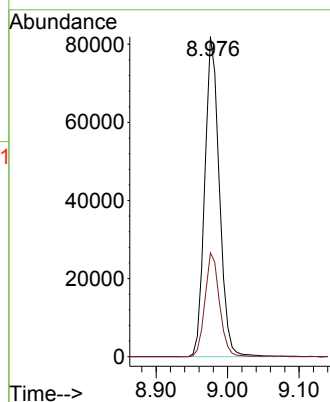
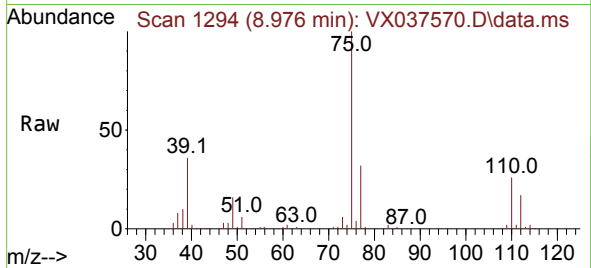




#53  
 t-1,3-Dichloropropene  
 Concen: 55.809 ug/l  
 RT: 8.976 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

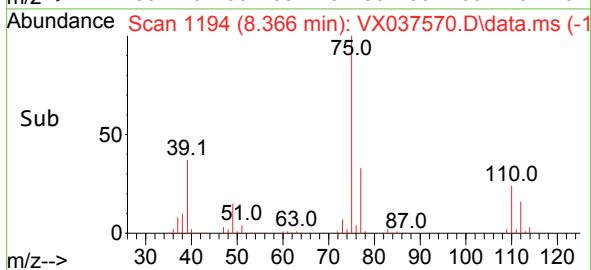
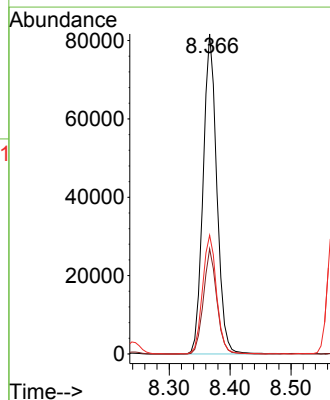
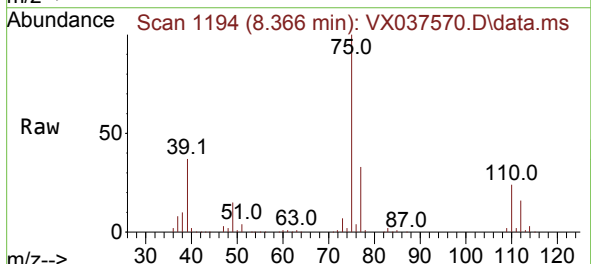
Instrument :  
 MSVOA\_X  
 ClientSampleId :

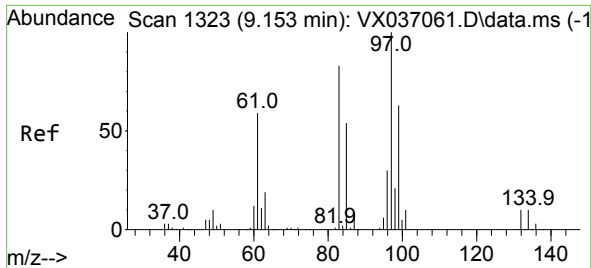
Tgt Ion: 75 Resp: 116257  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 56.819 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

Tgt Ion: 75 Resp: 127905  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 25.3 37.9  
 39 37.0 46.7 70.1#

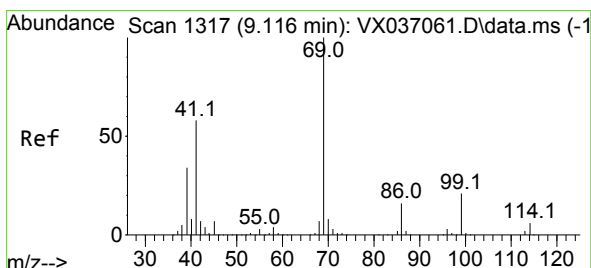
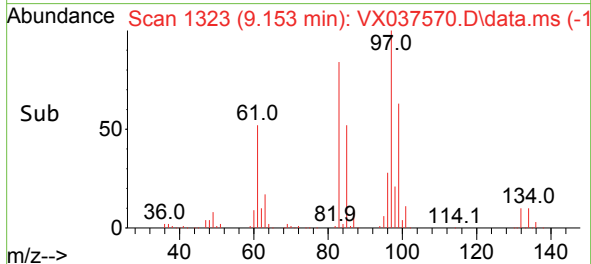
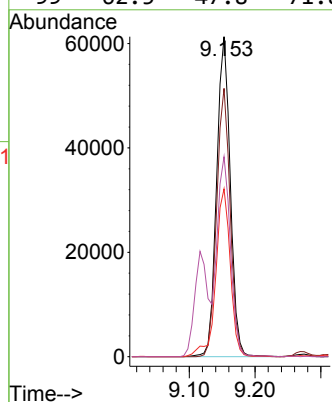
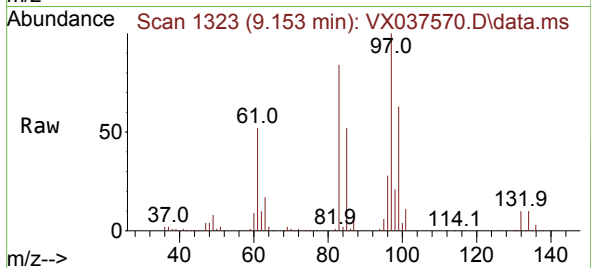




#55  
 1,1,2-Trichloroethane  
 Concen: 62.693 ug/l  
 RT: 9.153 min Scan# 1323  
 Delta R.T. 0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

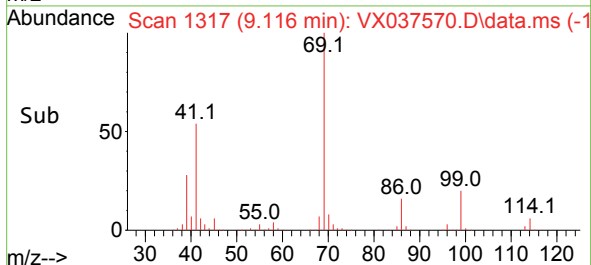
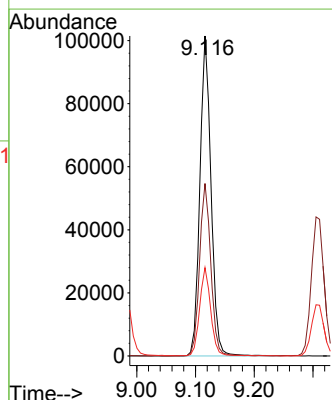
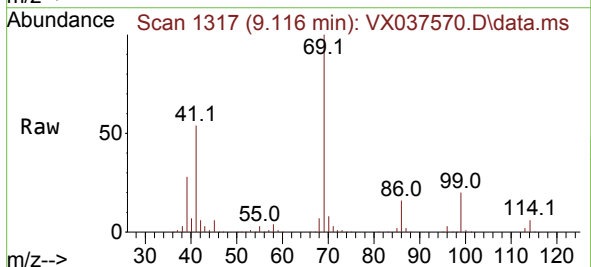
Instrument :  
 MSVOA\_X  
 ClientSampleId :

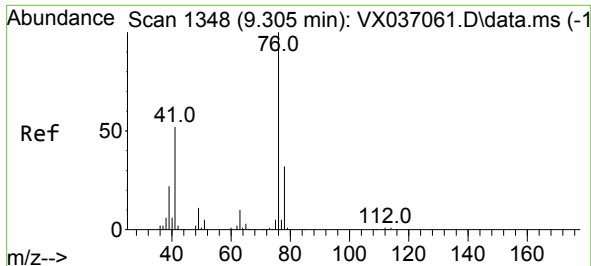
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 88696 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.9  | 65.8  | 98.8  |
| 85       | 52.4  | 41.6  | 62.4  |
| 99       | 62.5  | 47.8  | 71.8  |



#56  
 Ethyl methacrylate  
 Concen: 60.260 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX037570.D  
 Acq: 07 Sep 2023 10:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 133537 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 54.6  | 56.8  | 85.2#  |
| 39       | 27.4  | 32.0  | 48.0#  |





#57

1,3-Dichloropropane

Concen: 60.613 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

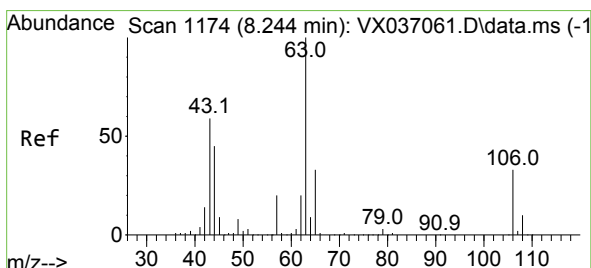
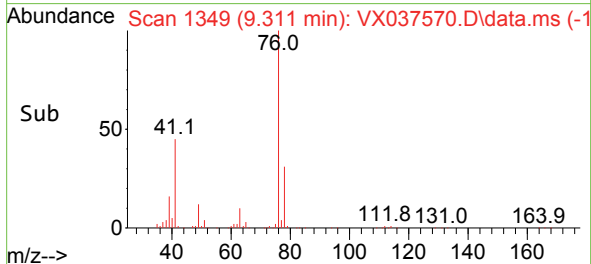
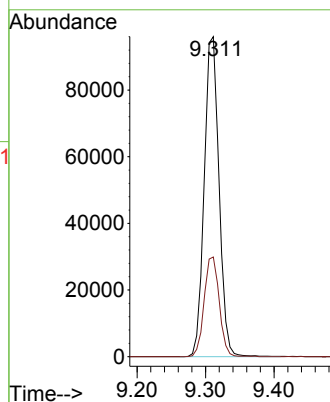
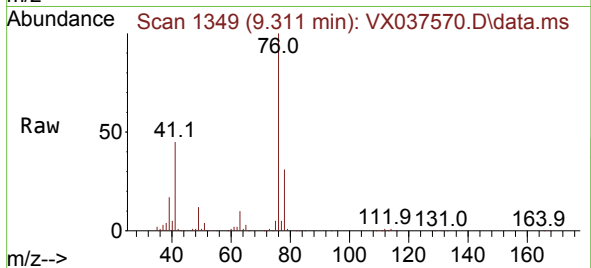
ClientSampleId :

Tgt Ion: 76 Resp: 144558

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 274.550 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037570.D

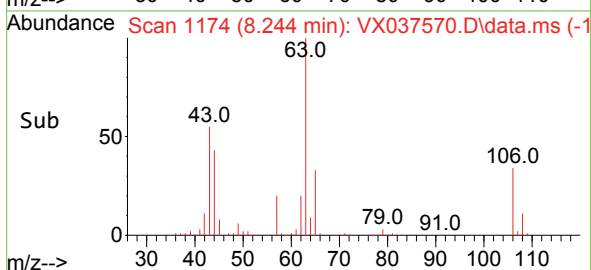
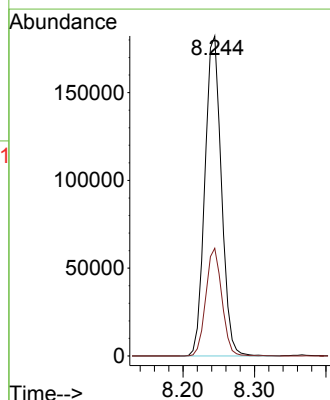
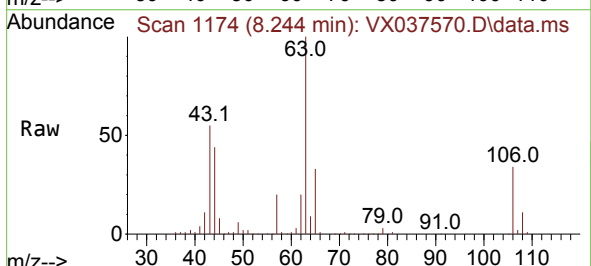
Acq: 07 Sep 2023 10:45

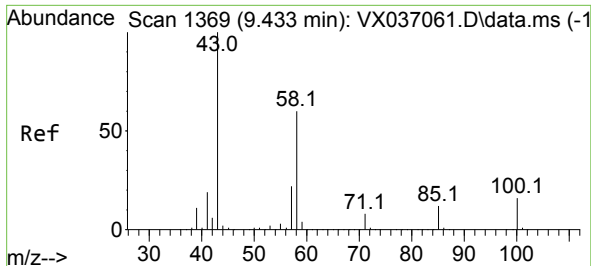
Tgt Ion: 63 Resp: 291971

Ion Ratio Lower Upper

63 100

106 32.8 22.5 33.7

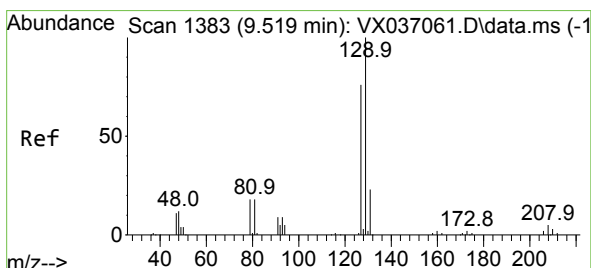
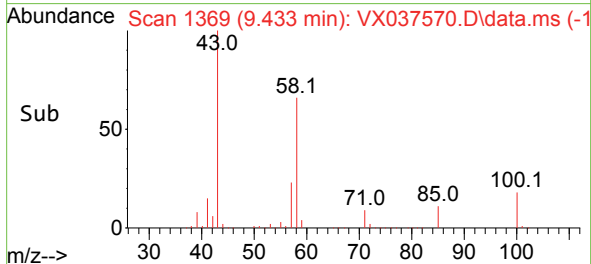
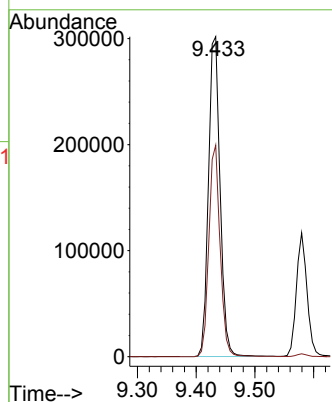
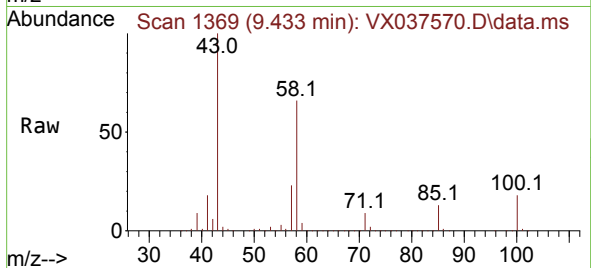




#59  
2-Hexanone  
Concen: 301.353 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

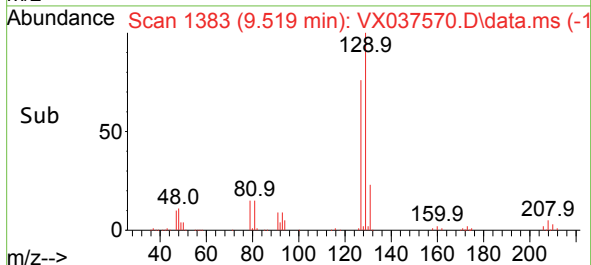
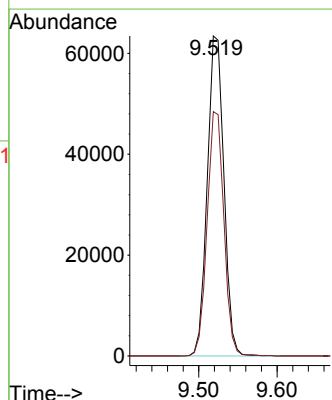
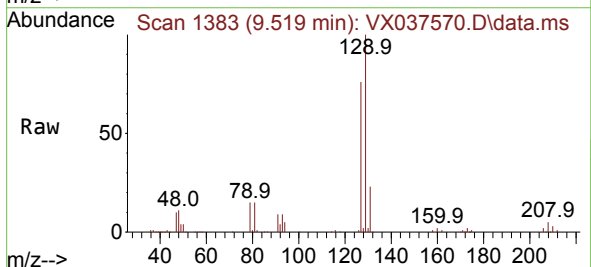
Instrument :  
MSVOA\_X  
ClientSampleId :

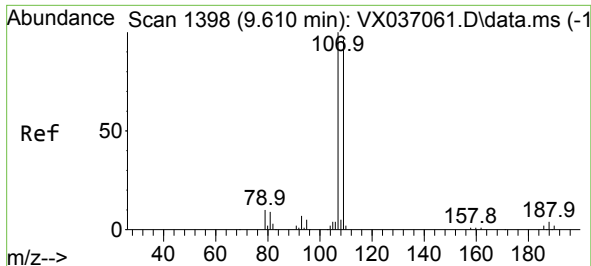
Tgt Ion: 43 Resp: 414881  
Ion Ratio Lower Upper  
43 100  
58 64.1 26.2 78.5



#60  
Dibromochloromethane  
Concen: 62.011 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion:129 Resp: 93406  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.8 116.4

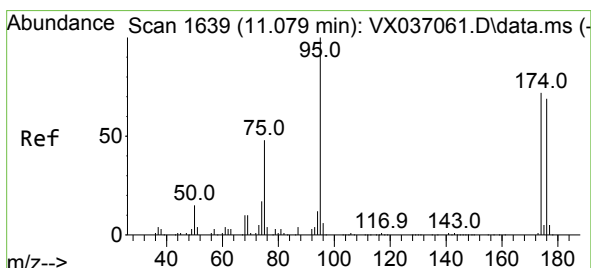
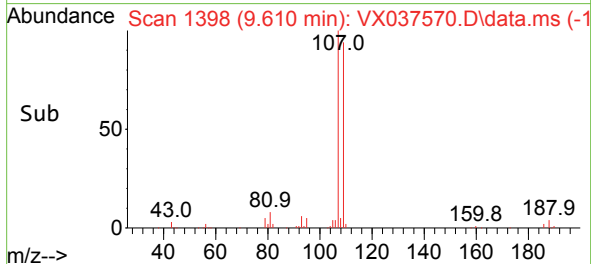
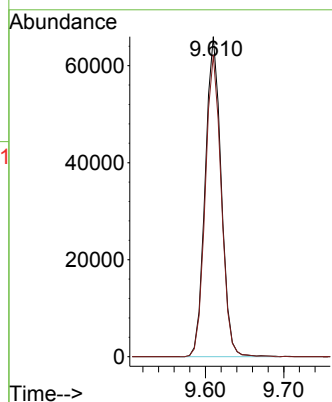
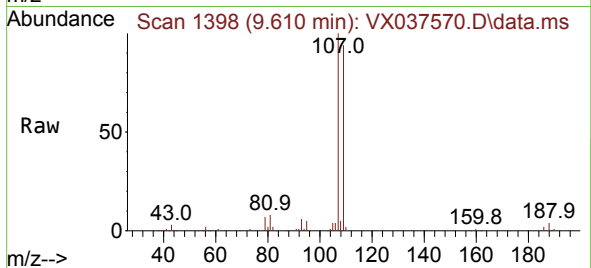




#61  
1,2-Dibromoethane  
Concen: 60.260 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

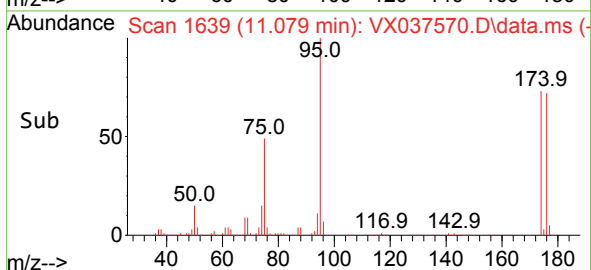
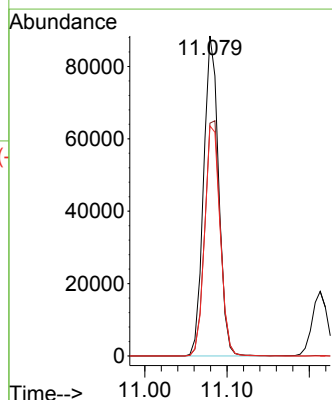
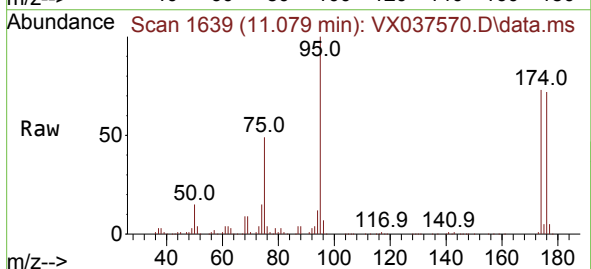
Instrument :  
MSVOA\_X  
ClientSampleId :

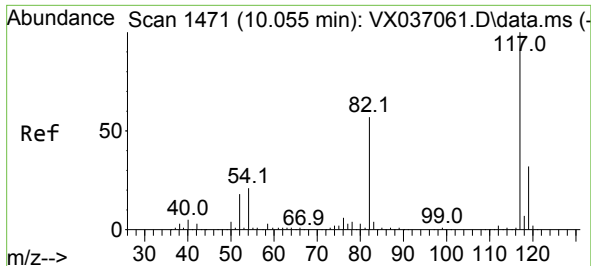
Tgt Ion:107 Resp: 93341  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 61.143 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

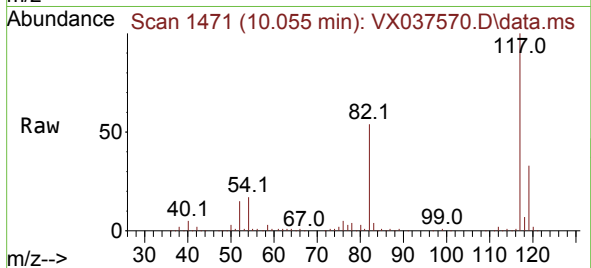
Tgt Ion: 95 Resp: 112483  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 135.6  
176 74.0 0.0 131.0



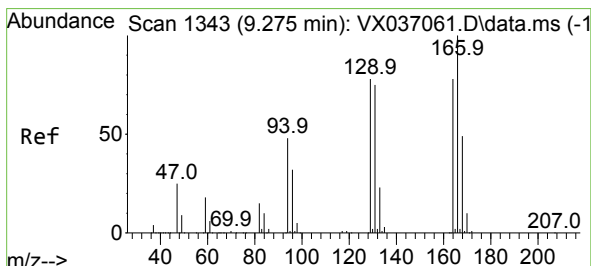
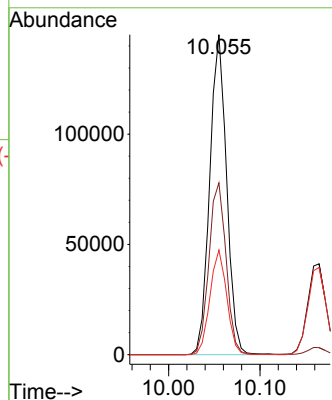
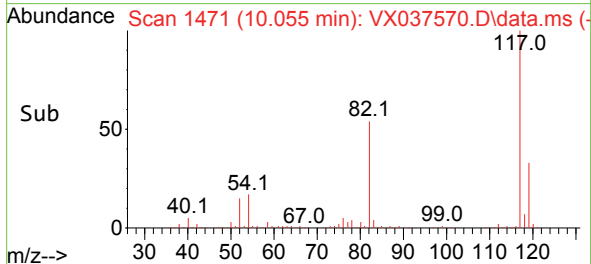


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Instrument :  
MSVOA\_X  
ClientSampleId :

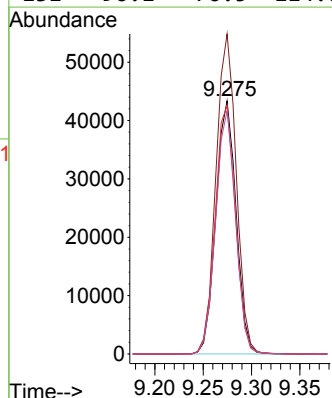
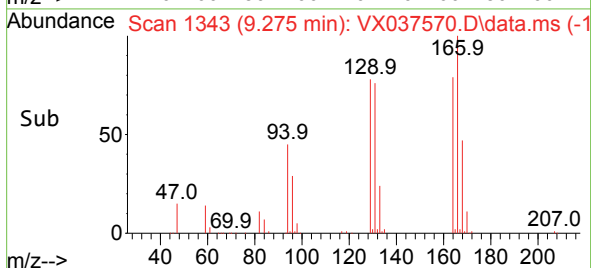
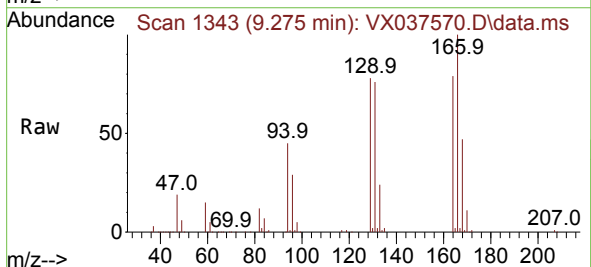


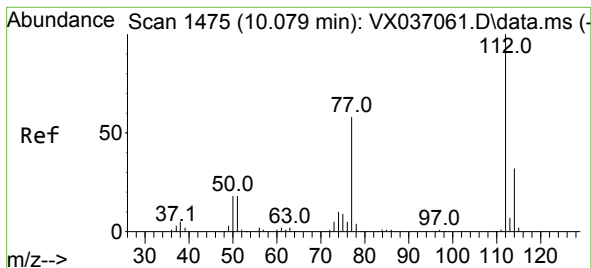
Tgt Ion:117 Resp: 185552  
Ion Ratio Lower Upper  
117 100  
82 53.7 46.2 69.4  
119 32.7 25.5 38.3



#64  
Tetrachloroethene  
Concen: 46.407 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion:164 Resp: 62817  
Ion Ratio Lower Upper  
164 100  
166 126.5 102.7 154.1  
129 98.2 80.4 120.6  
131 96.1 76.5 114.7

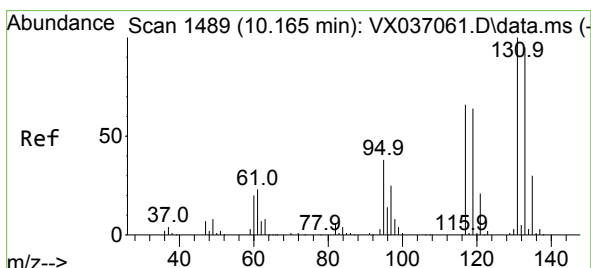
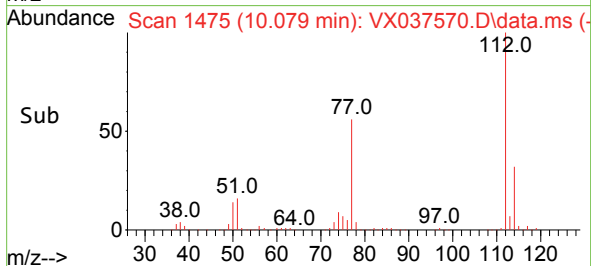
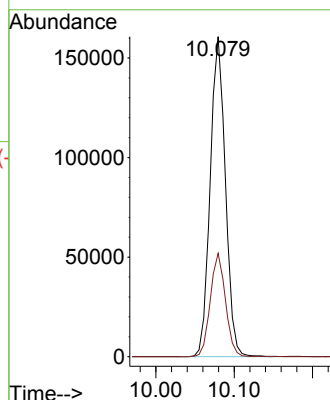
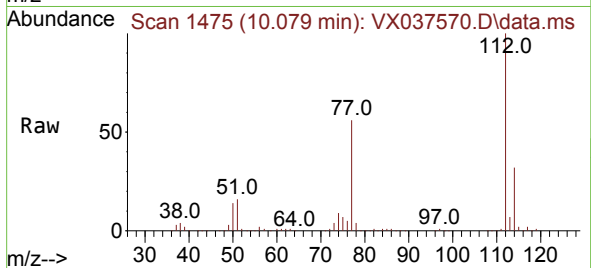




#65  
Chlorobenzene  
Concen: 55.084 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

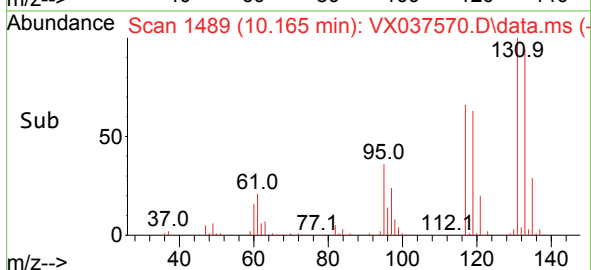
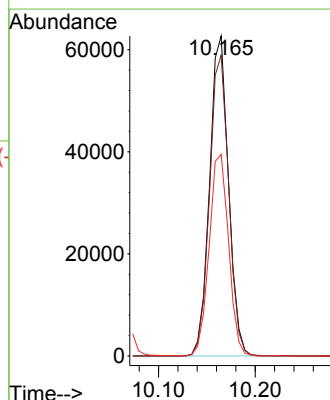
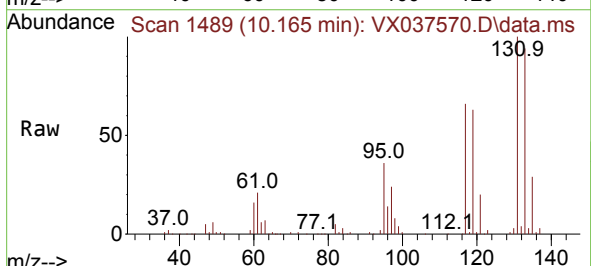
Instrument :  
MSVOA\_X  
ClientSampleId :

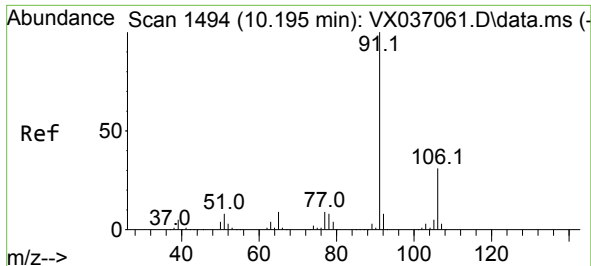
Tgt Ion:112 Resp: 216023  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 58.925 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion:131 Resp: 85289  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.1 141.4  
119 64.8 32.2 96.6





#67

Ethyl Benzene

Concen: 53.167 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

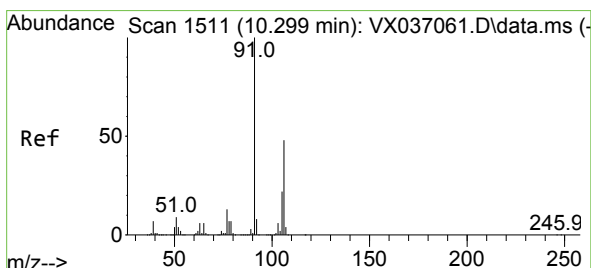
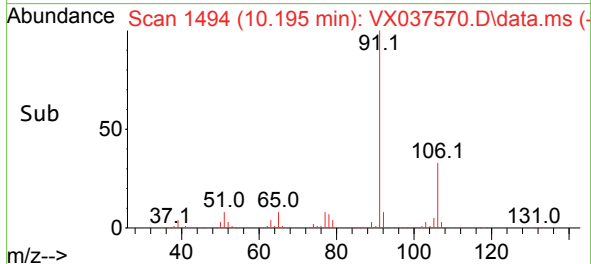
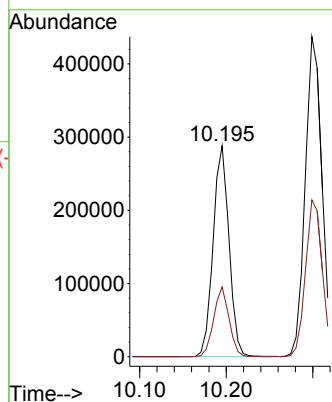
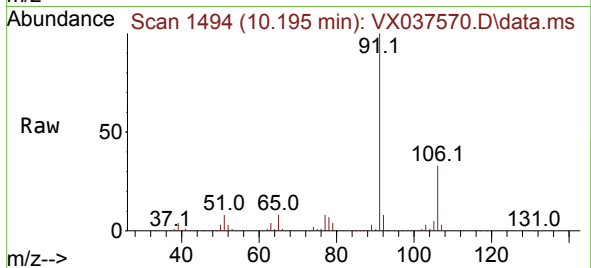
ClientSampleId :

Tgt Ion: 91 Resp: 366891

Ion Ratio Lower Upper

91 100

106 33.1 24.9 37.3



#68

m/p-Xylenes

Concen: 108.549 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037570.D

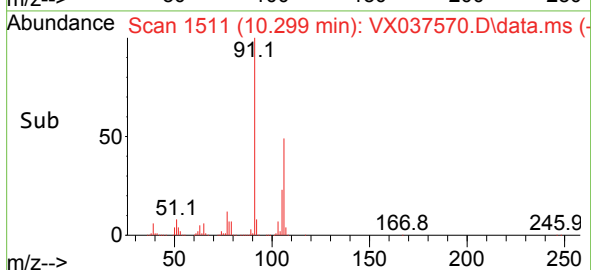
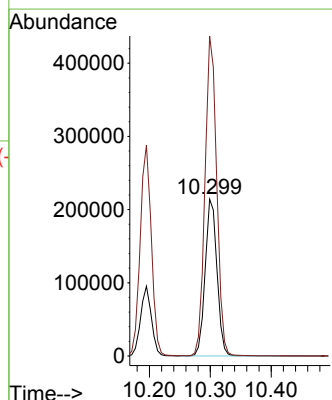
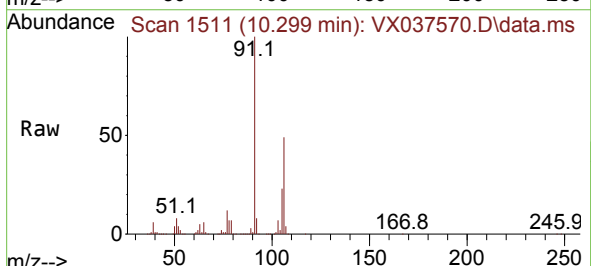
Acq: 07 Sep 2023 10:45

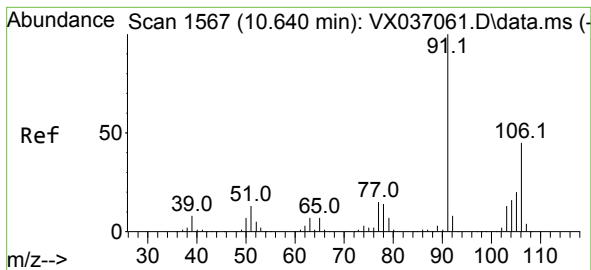
Tgt Ion: 106 Resp: 289271

Ion Ratio Lower Upper

106 100

91 202.7 165.5 248.3





#69

o-Xylene

Concen: 56.387 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

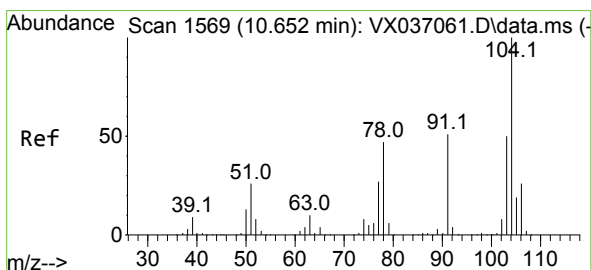
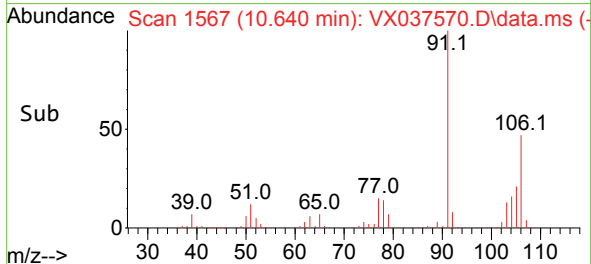
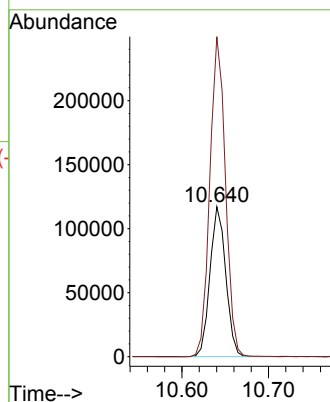
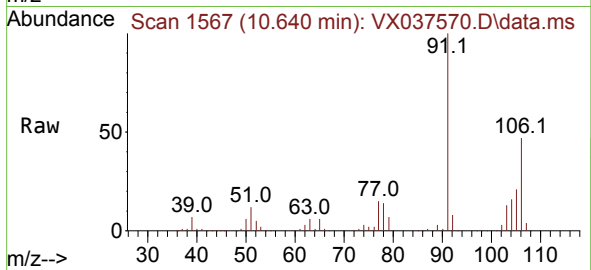
ClientSampleId :

Tgt Ion:106 Resp: 148254

Ion Ratio Lower Upper

106 100

91 211.3 108.9 326.8



#70

Styrene

Concen: 58.025 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

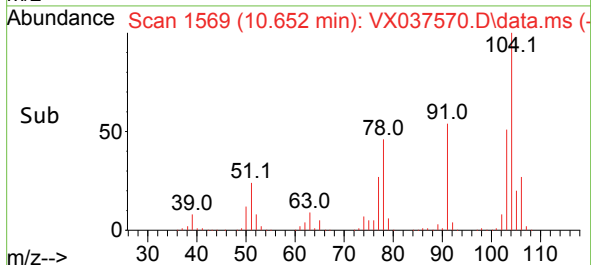
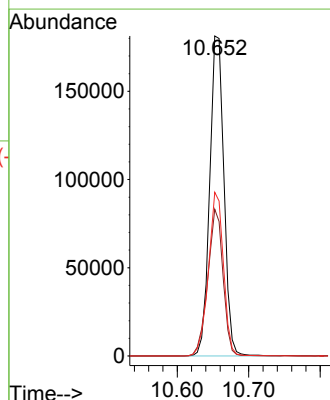
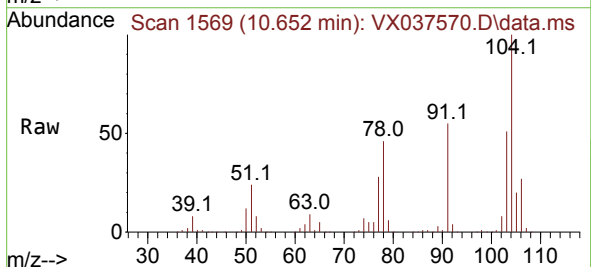
Tgt Ion:104 Resp: 251304

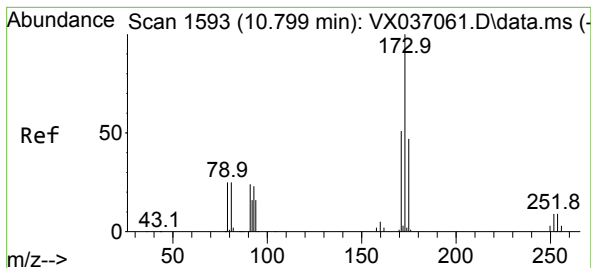
Ion Ratio Lower Upper

104 100

78 49.0 43.6 65.4

103 54.1 43.6 65.4





#71

Bromoform

Concen: 63.337 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

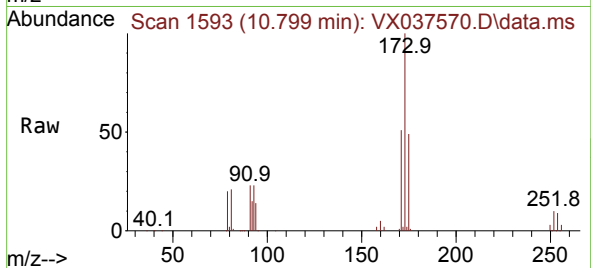
Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

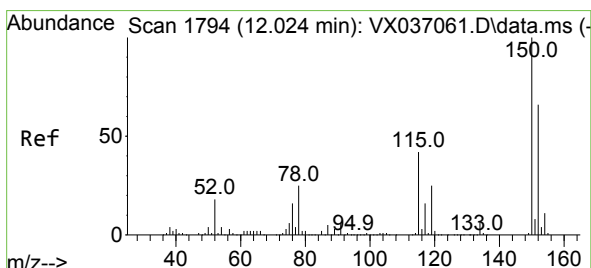
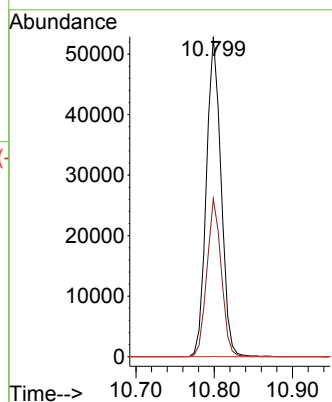
Instrument :

MSVOA\_X

ClientSampleId :



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 68574     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 48.4  | 24.1 72.4 |
| 254         | 0.0   | 0.0 0.0#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

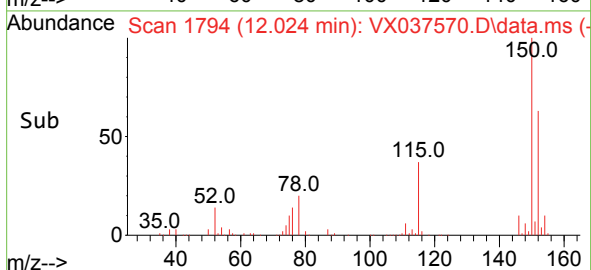
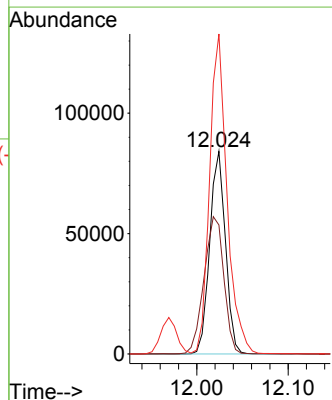
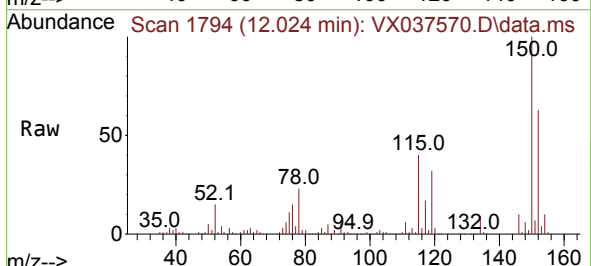
RT: 12.024 min Scan# 1794

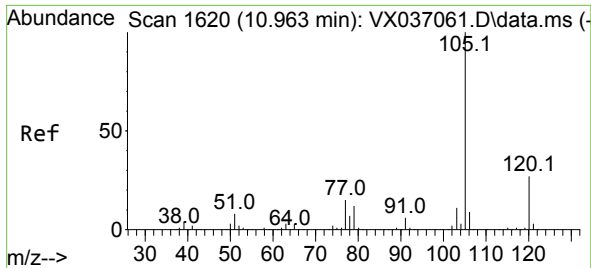
Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 100351     |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 85.2  | 43.3 129.9 |
| 150         | 174.8 | 0.0 345.0  |

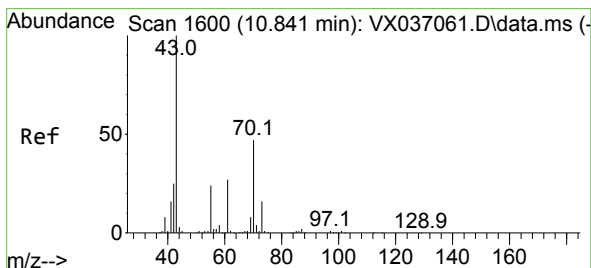
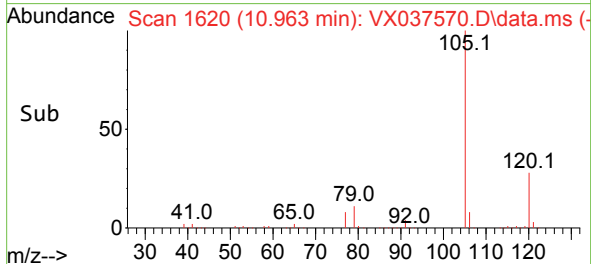
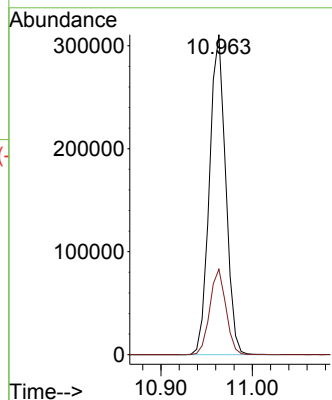
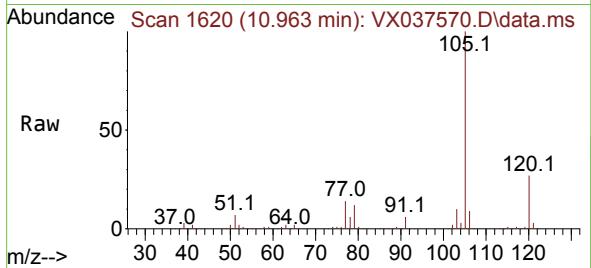




#73  
Isopropylbenzene  
Concen: 52.336 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

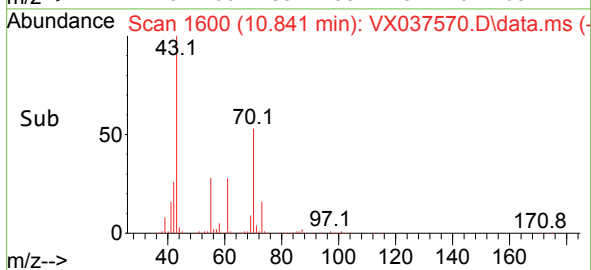
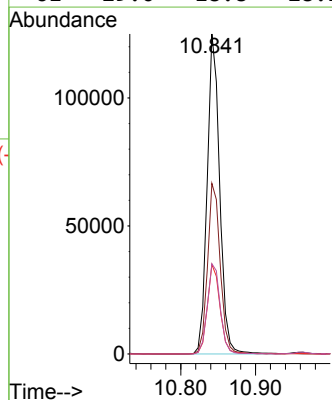
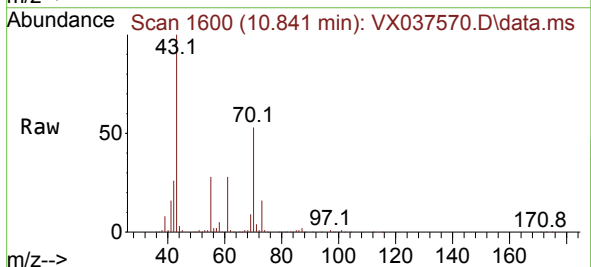
Instrument :  
MSVOA\_X  
ClientSampleId :

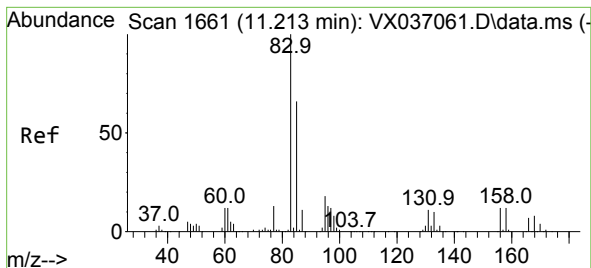
Tgt Ion:105 Resp: 381743  
Ion Ratio Lower Upper  
105 100  
120 26.5 12.9 38.6



#74  
N-ethyl acetate  
Concen: 51.236 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 43 Resp: 145212  
Ion Ratio Lower Upper  
43 100  
70 54.1 32.9 49.3#  
55 28.4 19.3 28.9  
61 29.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 58.717 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

ClientSampleId :

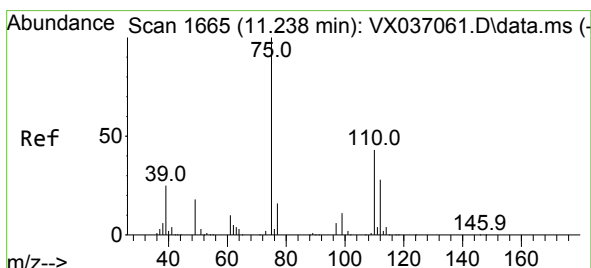
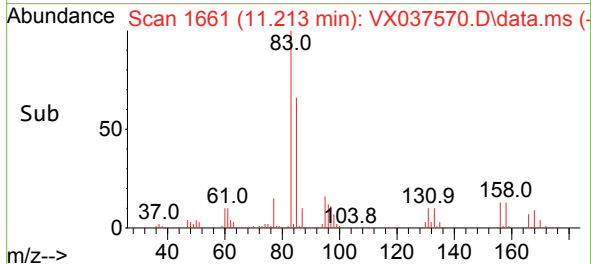
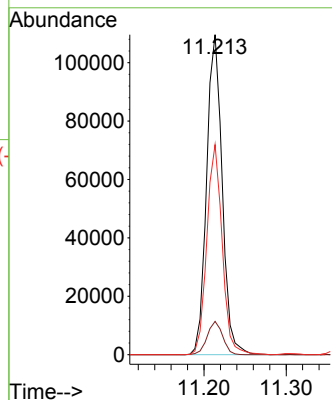
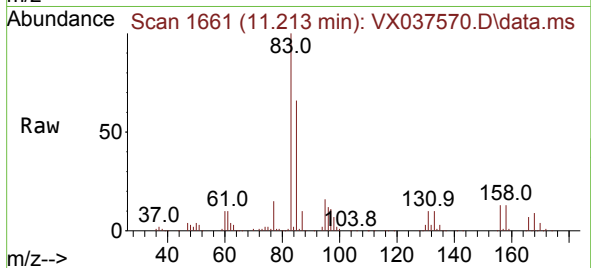
Tgt Ion: 83 Resp: 144236

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

85 64.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 73.785 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037570.D

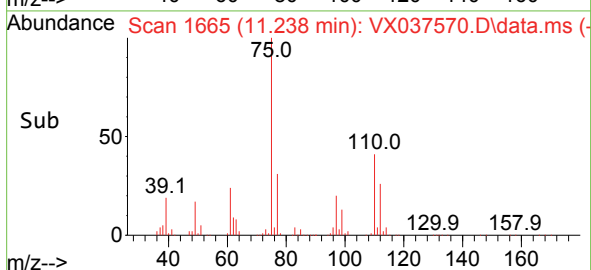
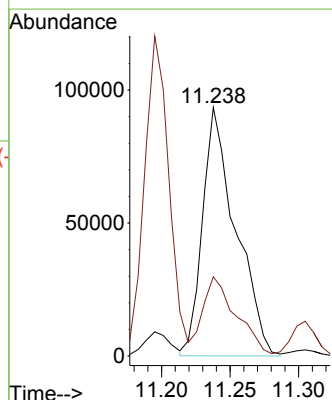
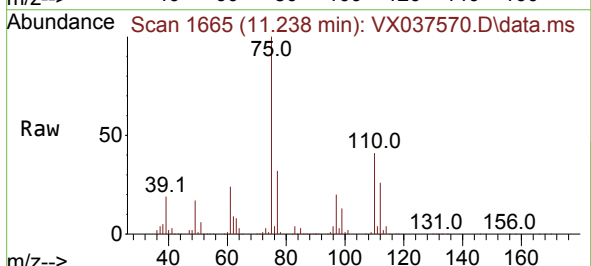
Acq: 07 Sep 2023 10:45

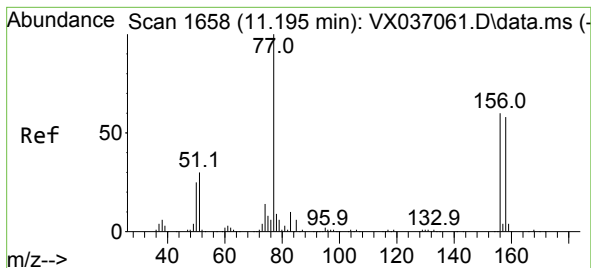
Tgt Ion: 75 Resp: 157689

Ion Ratio Lower Upper

75 100

77 32.3 19.1 57.5





#77

Bromobenzene

Concen: 53.822 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

ClientSampleId :

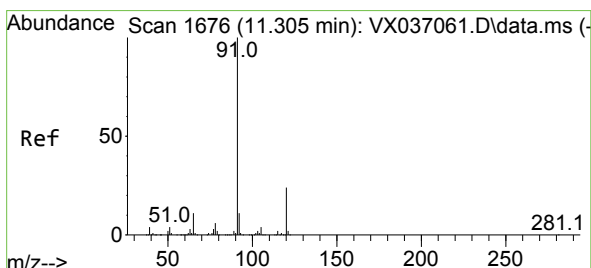
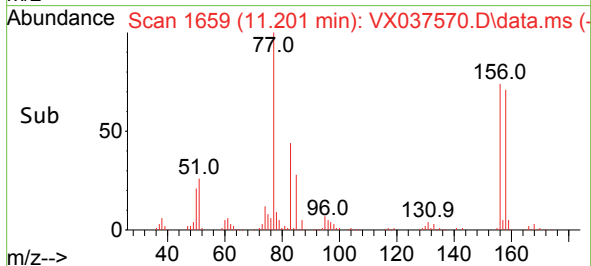
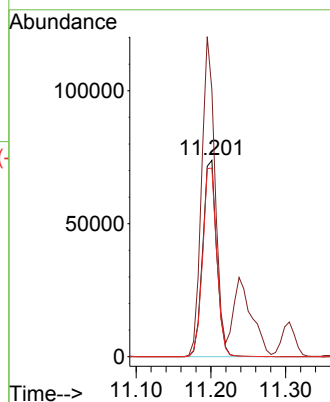
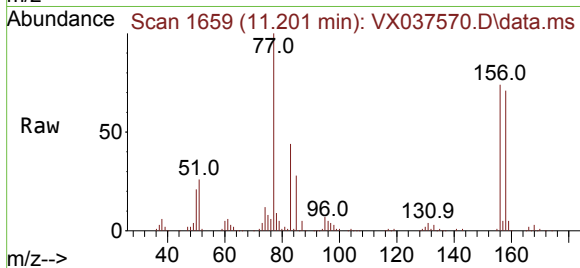
Tgt Ion:156 Resp: 95878

Ion Ratio Lower Upper

156 100

77 156.5 88.4 265.3

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 52.913 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037570.D

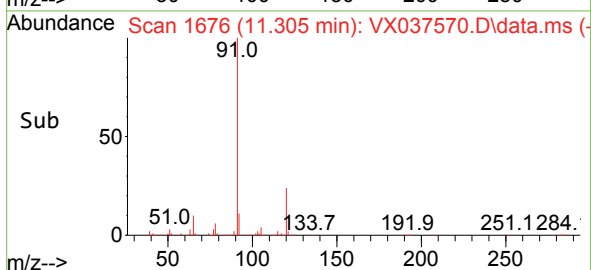
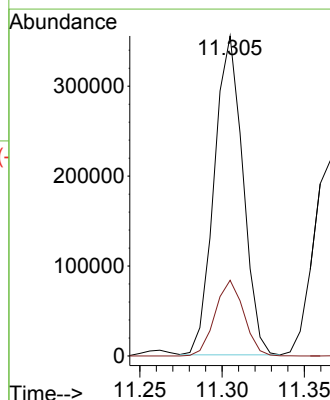
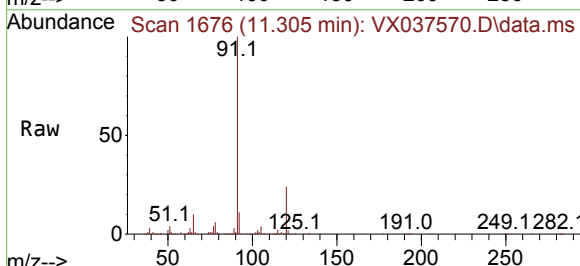
Acq: 07 Sep 2023 10:45

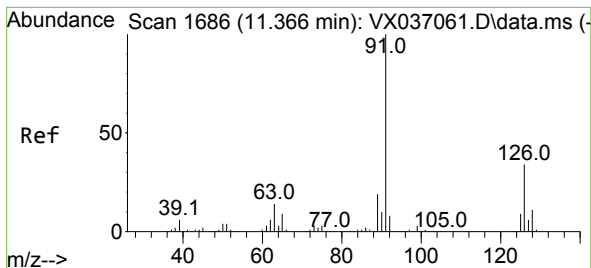
Tgt Ion: 91 Resp: 429762

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.260 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

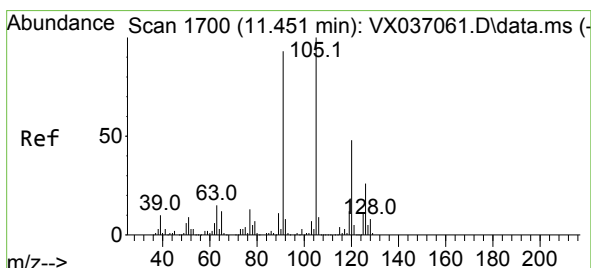
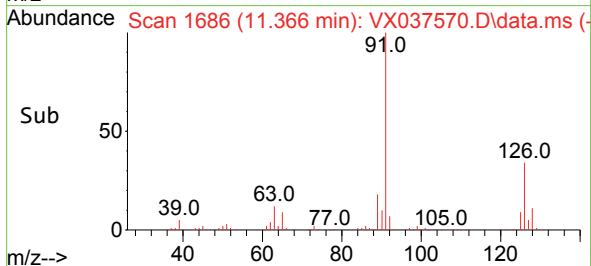
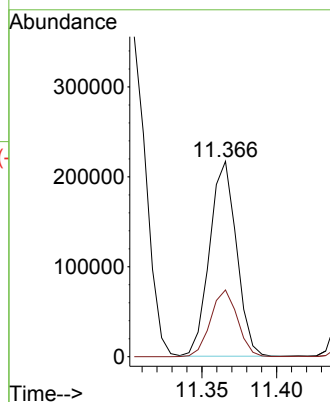
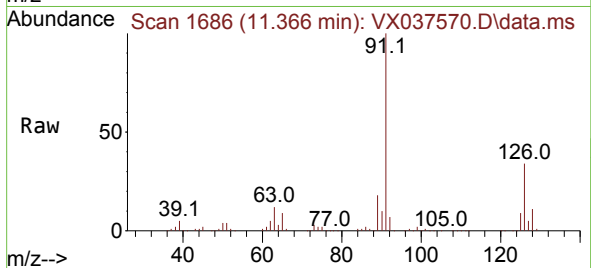
ClientSampleId :

Tgt Ion: 91 Resp: 271244

Ion Ratio Lower Upper

91 100

126 34.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 54.221 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037570.D

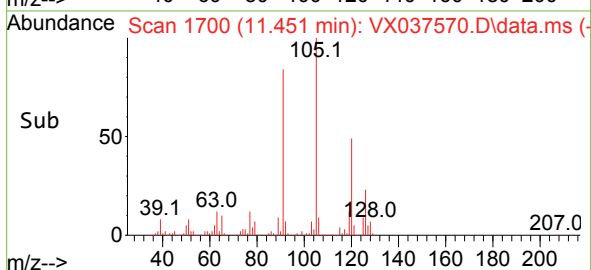
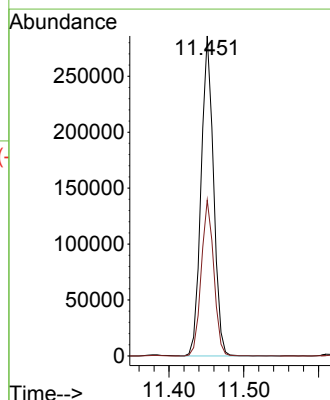
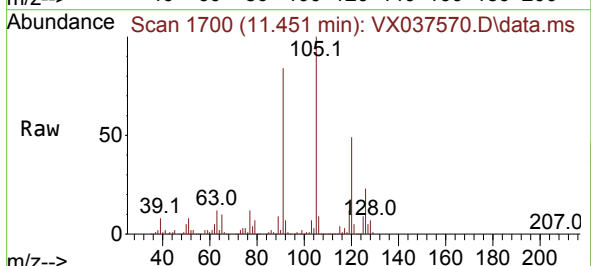
Acq: 07 Sep 2023 10:45

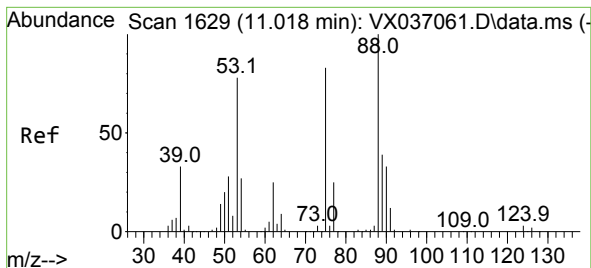
Tgt Ion: 105 Resp: 329906

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3

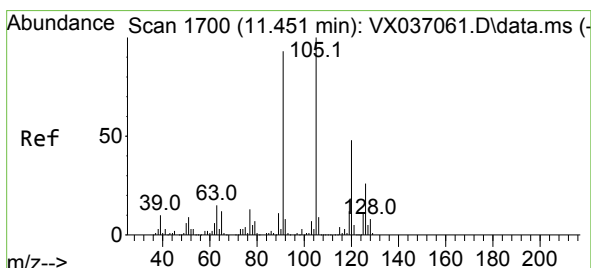
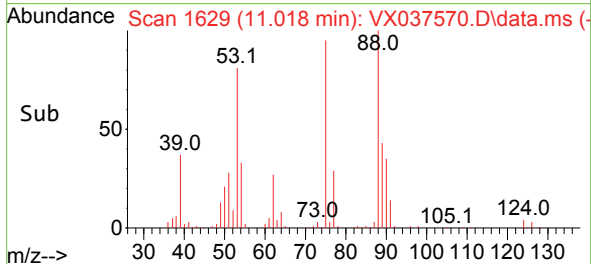
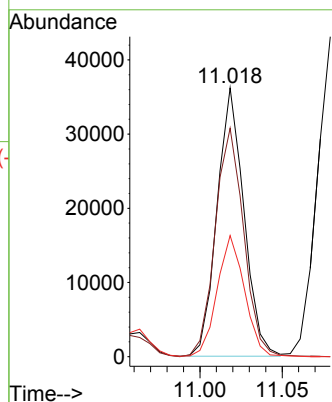
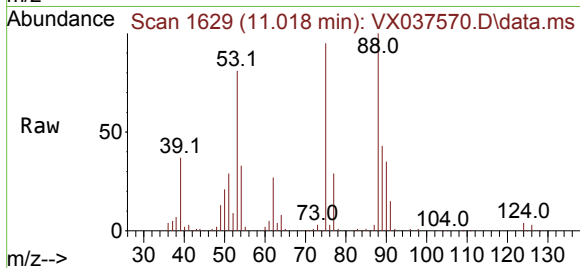




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.651 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

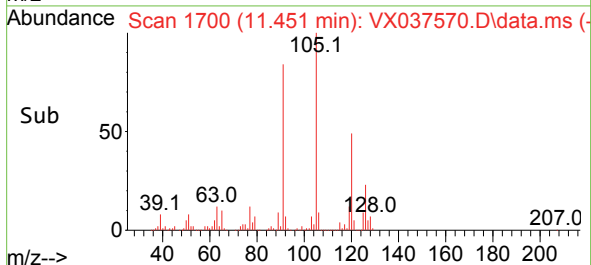
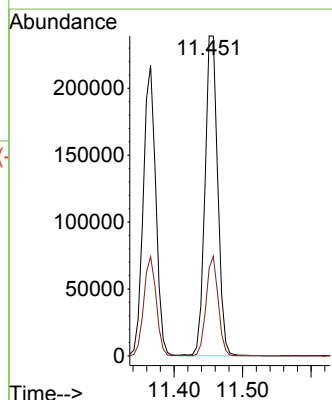
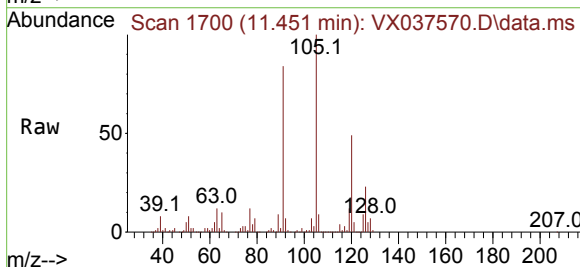
Instrument :  
MSVOA\_X  
ClientSampleId :

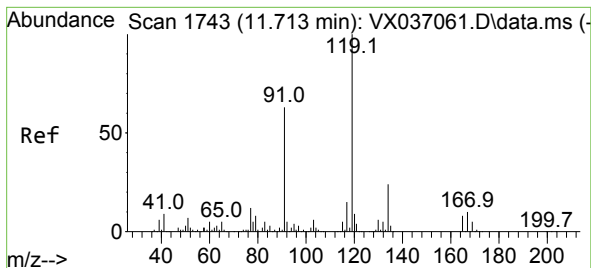
Tgt Ion: 75 Resp: 41052  
Ion Ratio Lower Upper  
75 100  
53 90.3 90.5 135.7#  
89 46.1 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 51.675 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

Tgt Ion: 91 Resp: 309604  
Ion Ratio Lower Upper  
91 100  
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 58.475 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

ClientSampleId :

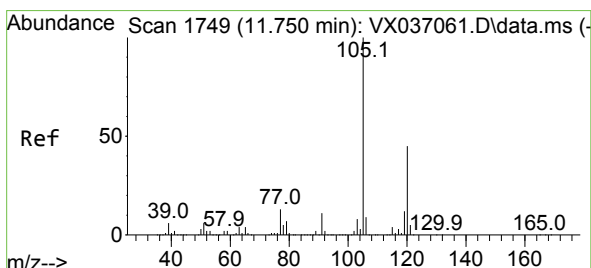
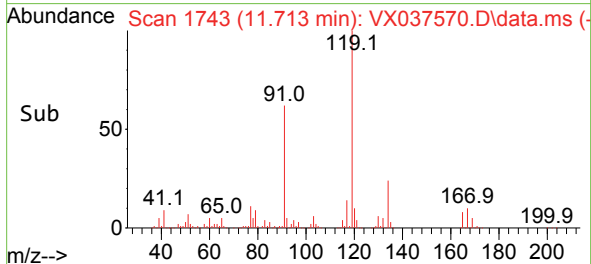
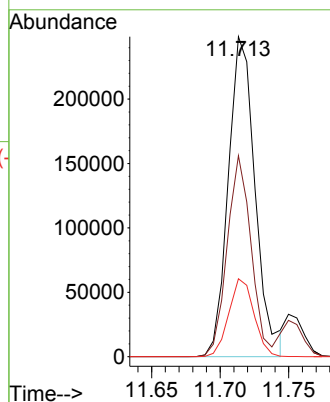
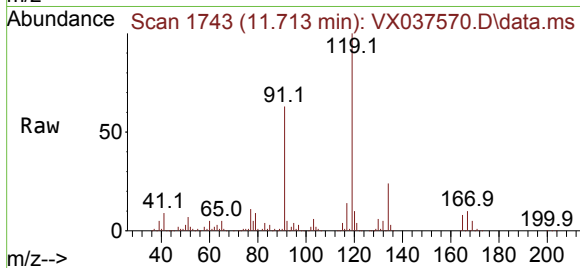
Tgt Ion:119 Resp: 339315

Ion Ratio Lower Upper

119 100

91 56.0 31.2 93.6

134 23.0 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 54.329 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037570.D

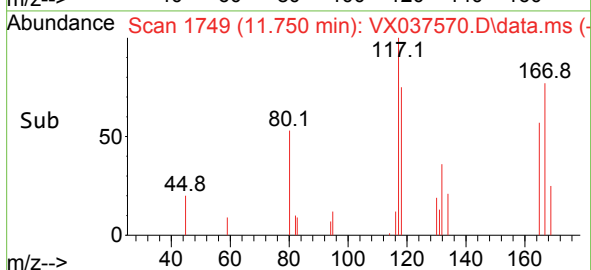
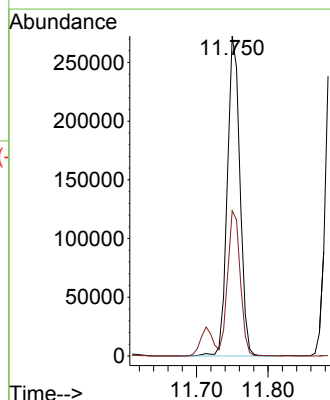
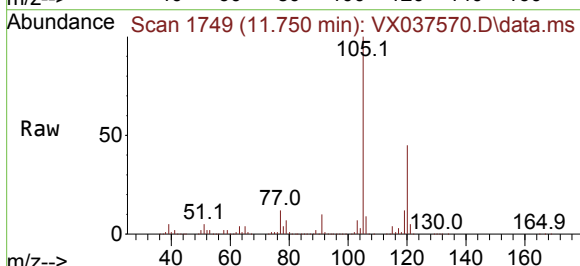
Acq: 07 Sep 2023 10:45

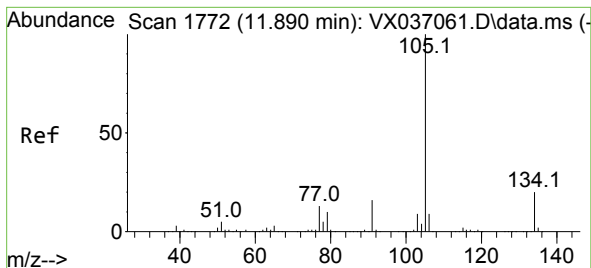
Tgt Ion:105 Resp: 334085

Ion Ratio Lower Upper

105 100

120 45.1 21.2 63.6





#85

sec-Butylbenzene

Concen: 59.497 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

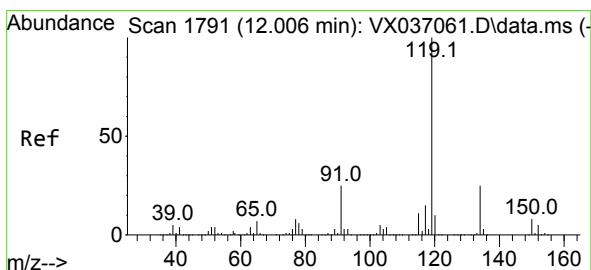
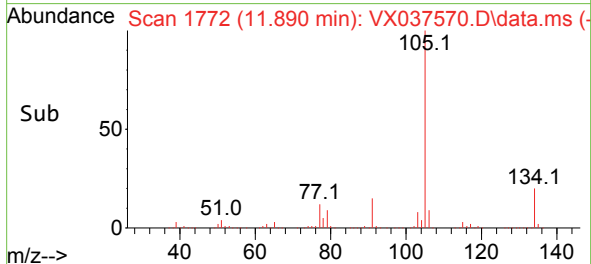
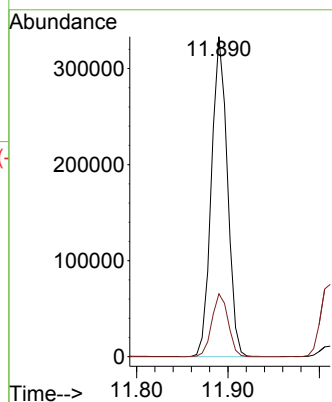
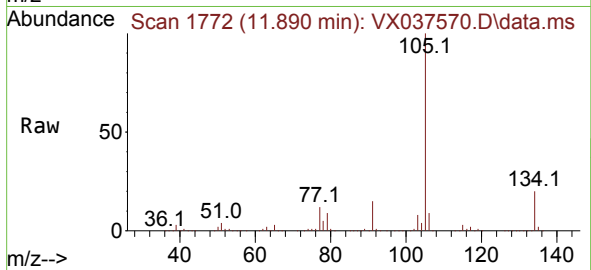
ClientSampleId :

Tgt Ion:105 Resp: 403261

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 59.071 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

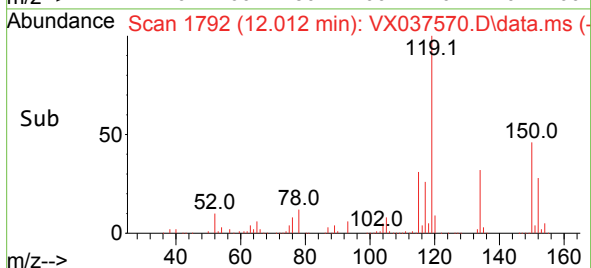
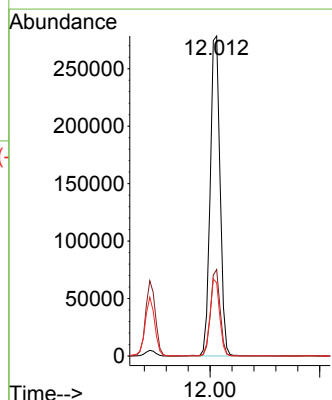
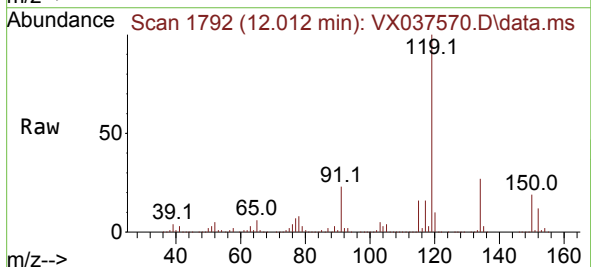
Tgt Ion:119 Resp: 344661

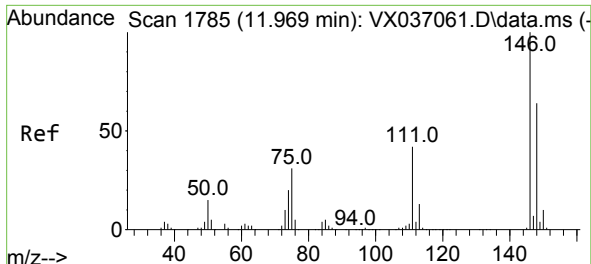
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.3

91 23.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.232 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

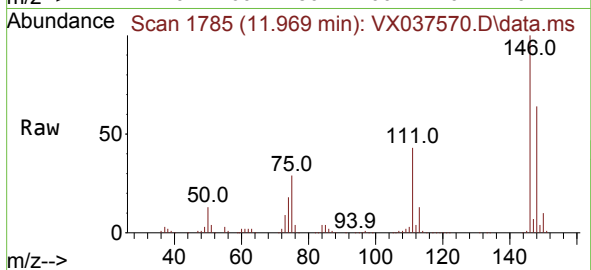
Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

ClientSampleId :



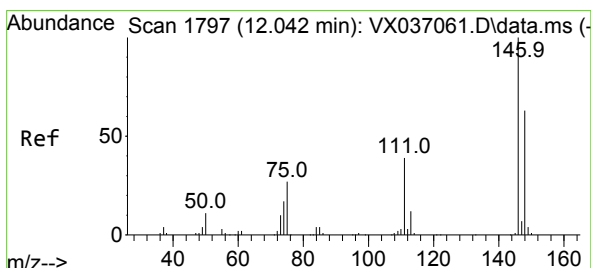
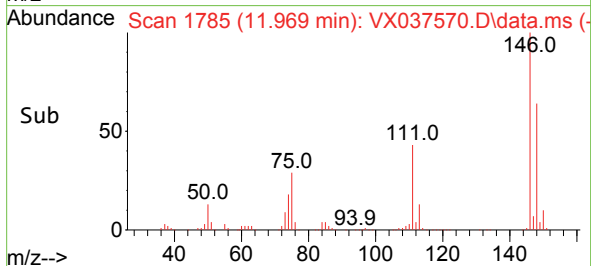
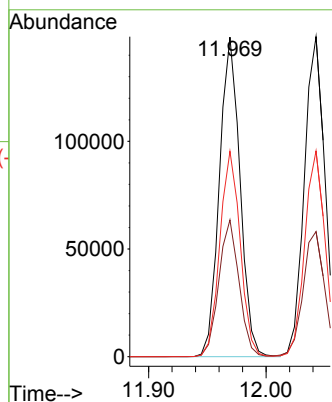
Tgt Ion:146 Resp: 180873

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.1

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 52.963 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

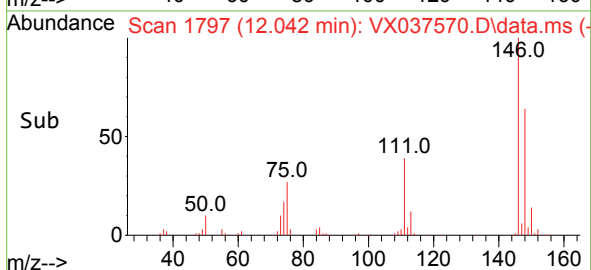
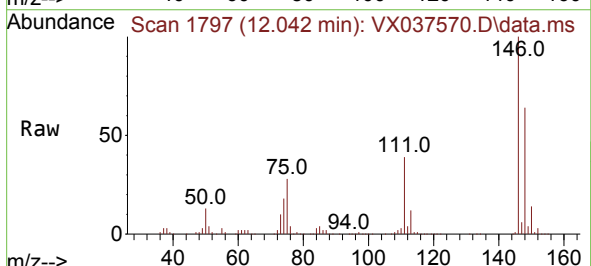
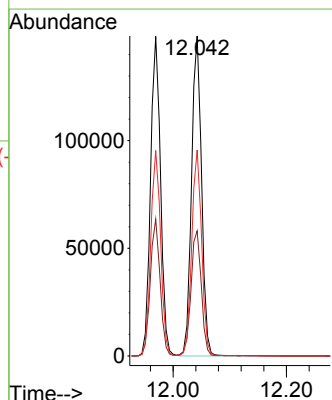
Tgt Ion:146 Resp: 182496

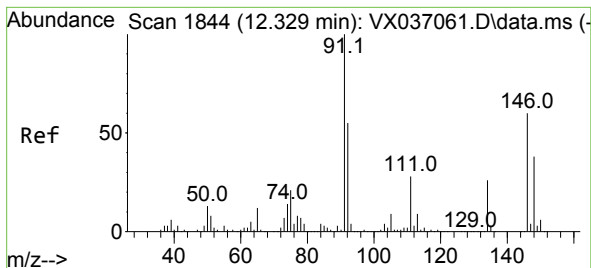
Ion Ratio Lower Upper

146 100

111 40.3 21.3 63.7

148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 59.349 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

ClientSampleId :

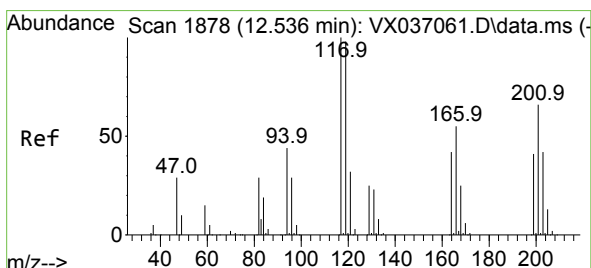
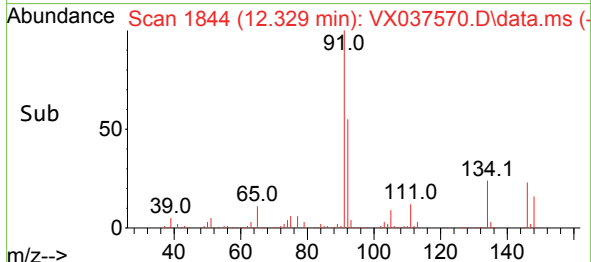
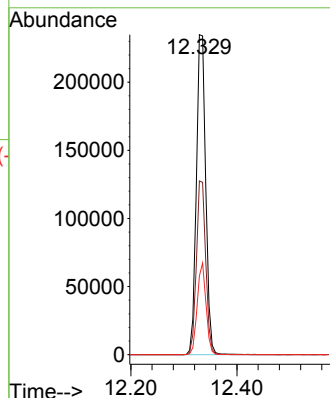
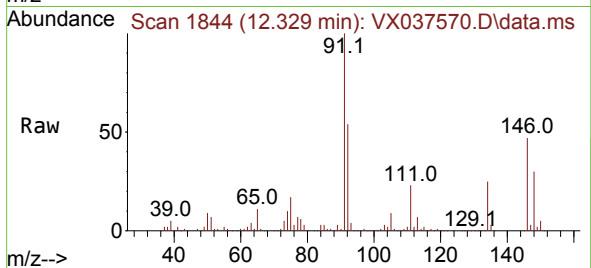
Tgt Ion: 91 Resp: 287097

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.0

134 27.0 12.6 37.8



#90

Hexachloroethane

Concen: 61.199 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX037570.D

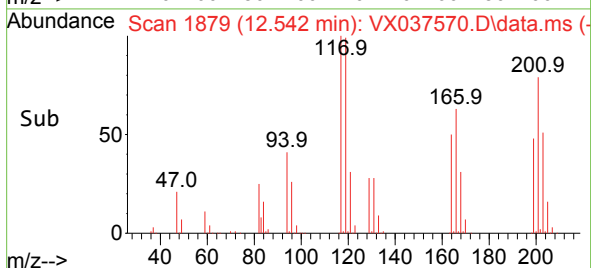
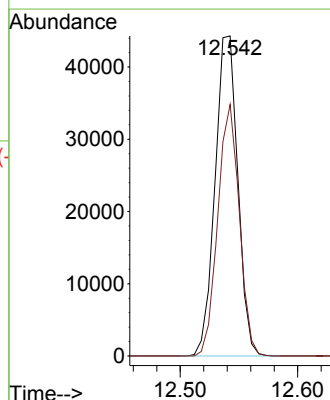
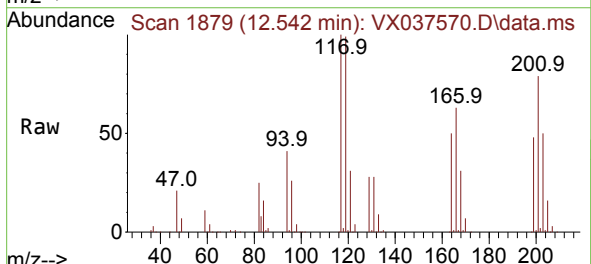
Acq: 07 Sep 2023 10:45

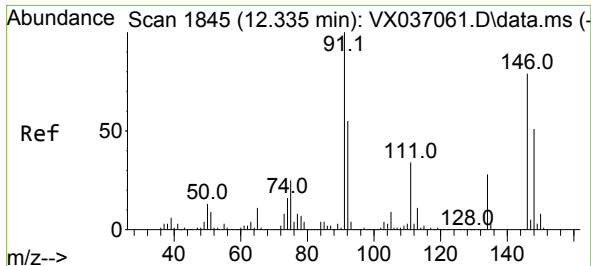
Tgt Ion: 117 Resp: 59600

Ion Ratio Lower Upper

117 100

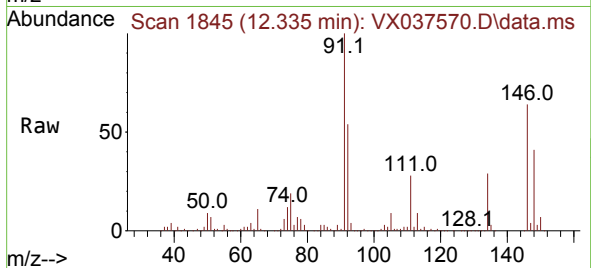
201 74.3 32.9 98.6



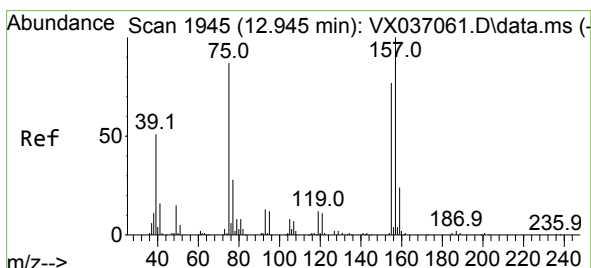
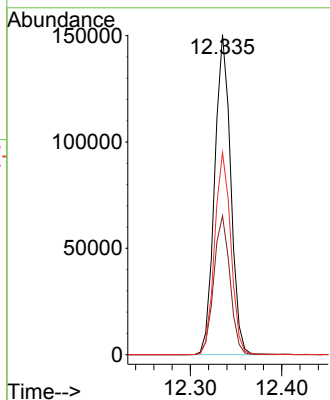
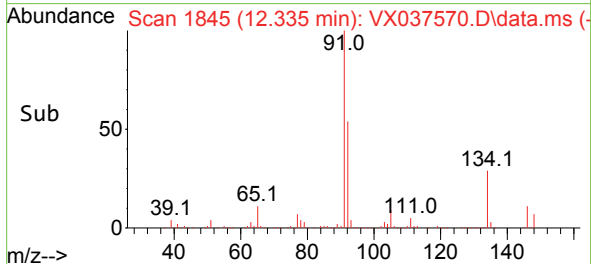


#91  
1,2-Dichlorobenzene  
Concen: 56.293 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

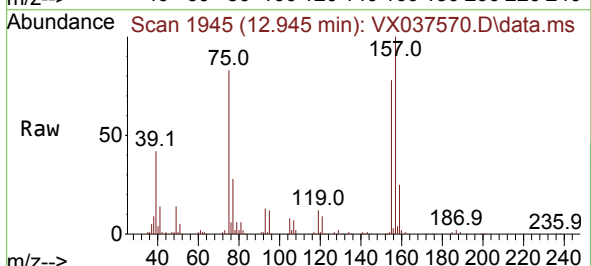
Instrument :  
MSVOA\_X  
ClientSampleId :



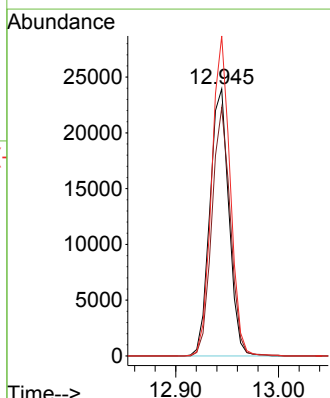
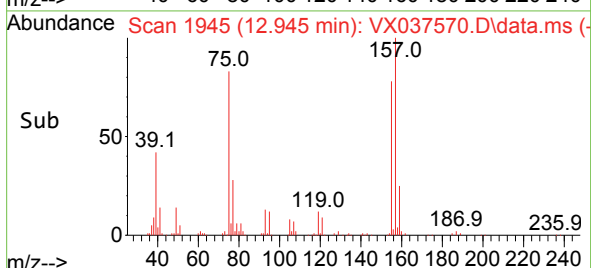
Tgt Ion:146 Resp: 183844  
Ion Ratio Lower Upper  
146 100  
111 43.5 22.4 67.0  
148 63.6 31.6 95.0

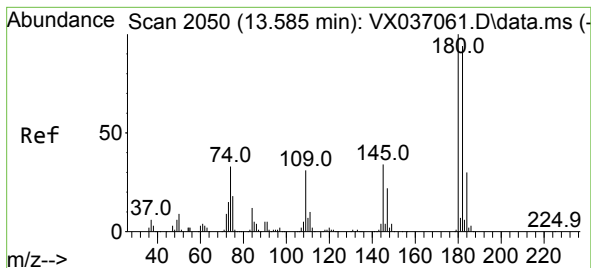


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.864 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45



Tgt Ion: 75 Resp: 30744  
Ion Ratio Lower Upper  
75 100  
155 90.4 36.1 108.5  
157 116.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 58.077 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

Instrument :

MSVOA\_X

ClientSampleId :

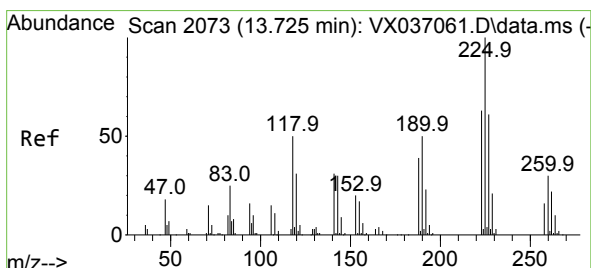
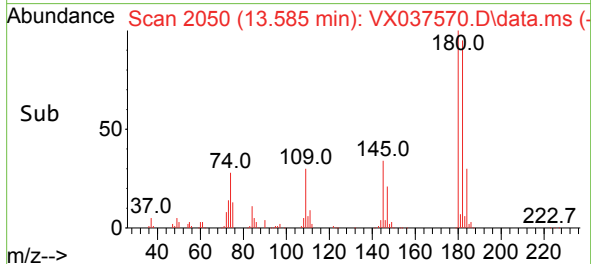
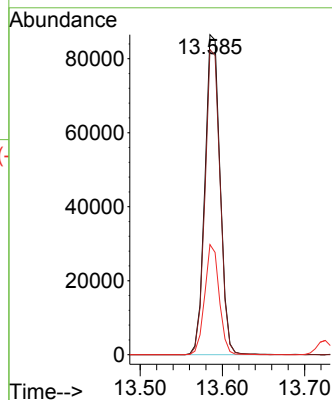
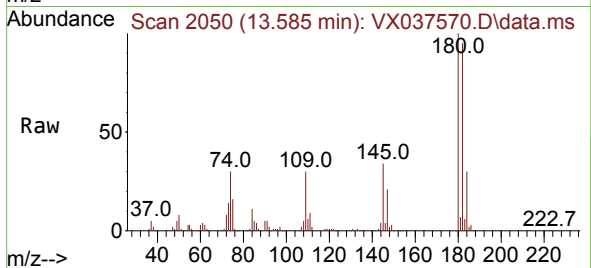
Tgt Ion:180 Resp: 110979

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.8

145 32.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 65.209 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037570.D

Acq: 07 Sep 2023 10:45

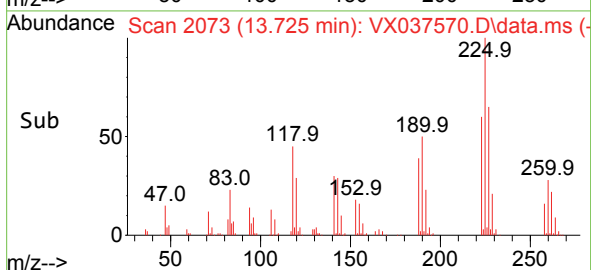
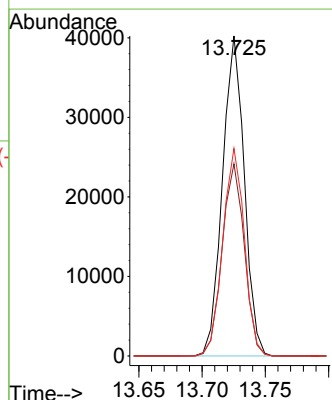
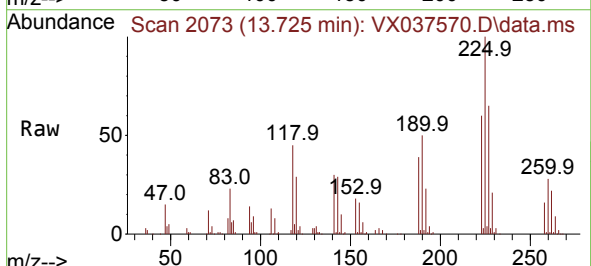
Tgt Ion:225 Resp: 48139

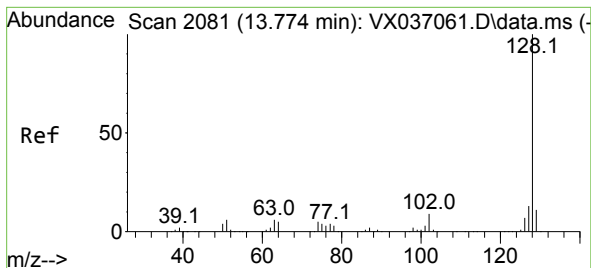
Ion Ratio Lower Upper

225 100

223 60.9 31.1 93.2

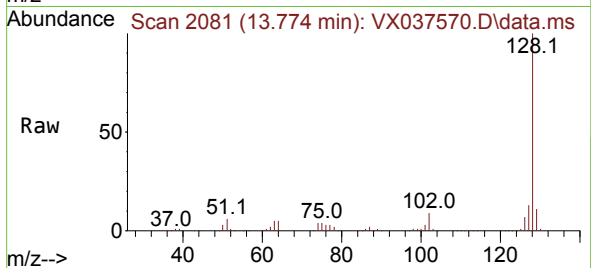
227 64.4 32.5 97.5



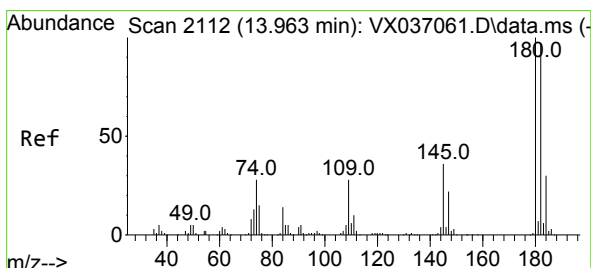
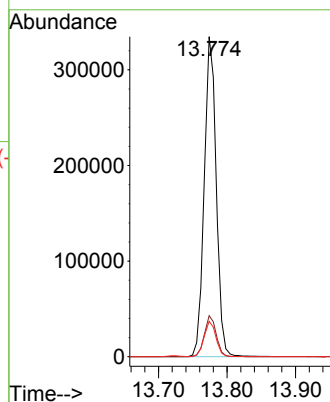
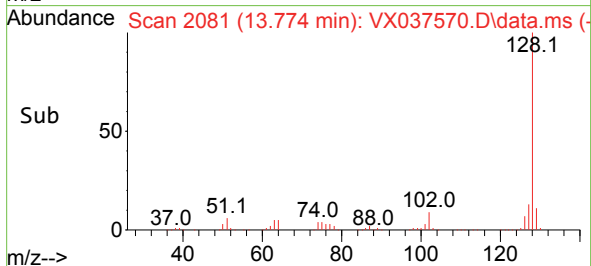


#95  
Naphthalene  
Concen: 48.806 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45

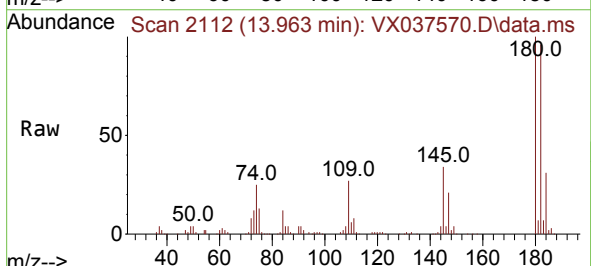
Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 408538  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.3 15.5  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 60.566 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX037570.D  
Acq: 07 Sep 2023 10:45



Tgt Ion:180 Resp: 114985  
Ion Ratio Lower Upper  
180 100  
182 94.2 46.9 140.6  
145 35.0 17.8 53.5

