

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082823\  
 Data File : VX037307.D  
 Acq On : 28 Aug 2023 20:14  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 29 01:04:32 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   | 123959   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763     | 114   | 221280   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 209656   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 109682   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 97943    | 54.806   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | =      | 109.620% |
| 35) Dibromofluoromethane     | 5.385     | 113   | 84746    | 57.828   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =      | 115.660% |
| 50) Toluene-d8               | 8.647     | 98    | 296518   | 55.780   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | =      | 111.560% |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 121464   | 58.143   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =      | 116.280% |
| Target Compounds             |           |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167     | 85    | 81323    | 56.477   | ug/l   | 98       |
| 3) Chloromethane             | 1.301     | 50    | 85339    | 67.744   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374     | 62    | 83957    | 61.228   | ug/l   | 99       |
| 5) Bromomethane              | 1.599     | 94    | 37640    | 55.108   | ug/l   | 99       |
| 6) Chloroethane              | 1.673     | 64    | 45601    | 56.514   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.880     | 101   | 125534   | 55.888   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136     | 74    | 52245    | 60.120   | ug/l   | 78       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325     | 101   | 68740    | 52.459   | ug/l   | 97       |
| 10) Methyl Iodide            | 2.447     | 142   | 97503    | 61.223   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 2.965     | 59    | 119664   | 285.451  | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.313     | 96    | 72840    | 57.083   | ug/l   | 86       |
| 13) Acrolein                 | 2.233     | 56    | 68027    | 213.310  | ug/l   | 96       |
| 14) Allyl chloride           | 2.660     | 41    | 110990   | 56.195   | ug/l # | 88       |
| 15) Acrylonitrile            | 3.063     | 53    | 232250   | 310.396  | ug/l   | 99       |
| 16) Acetone                  | 2.380     | 43    | 189431   | 270.954  | ug/l # | 88       |
| 17) Carbon Disulfide         | 2.508     | 76    | 176041   | 54.237   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703     | 43    | 153345   | 58.254   | ug/l # | 87       |
| 19) Methyl tert-butyl Ether  | 3.117     | 73    | 285257   | 58.943   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788     | 84    | 92100    | 58.908   | ug/l # | 83       |
| 21) trans-1,2-Dichloroethene | 3.087     | 96    | 82776    | 57.065   | ug/l   | 89       |
| 22) Diisopropyl ether        | 3.757     | 45    | 238633   | 58.879   | ug/l # | 92       |
| 23) Vinyl Acetate            | 3.721     | 43    | 915706   | 294.837  | ug/l # | 89       |
| 24) 1,1-Dichloroethane       | 3.605     | 63    | 150437   | 59.191   | ug/l   | 96       |
| 25) 2-Butanone               | 4.556     | 43    | 303261   | 288.086  | ug/l # | 85       |
| 26) 2,2-Dichloropropane      | 4.477     | 77    | 106540   | 46.939   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.489     | 96    | 100383   | 58.701   | ug/l   | 86       |
| 28) Bromochloromethane       | 4.898     | 49    | 63936    | 56.313   | ug/l # | 72       |
| 29) Tetrahydrofuran          | 5.007     | 42    | 194462   | 289.670  | ug/l # | 82       |
| 30) Chloroform               | 5.093     | 83    | 165792   | 58.111   | ug/l   | 96       |
| 31) Cyclohexane              | 5.471     | 56    | 111722   | 55.599   | ug/l   | 87       |
| 32) 1,1,1-Trichloroethane    | 5.379     | 97    | 143516   | 56.134   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 5.690     | 75    | 109428   | 52.558   | ug/l   | 96       |
| 37) Ethyl Acetate            | 4.715     | 43    | 118325   | 55.634   | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 5.678     | 117   | 122601   | 54.208   | ug/l   | 95       |
| 39) Methylcyclohexane        | 7.379     | 83    | 128459   | 58.724   | ug/l   | 91       |
| 40) Benzene                  | 6.038     | 78    | 348350   | 58.337   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082823\  
 Data File : VX037307.D  
 Acq On : 28 Aug 2023 20:14  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 29 01:04:32 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   | 62505    | 56.533   | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 129109   | 55.135   | ug/l   | 94       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 190763   | 56.495   | ug/l # | 90       |
| 44) Trichloroethene           | 7.129  | 130  | 92650    | 54.719   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 86768    | 58.932   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 67117    | 57.865   | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.824  | 83   | 128308   | 57.754   | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.696  | 41   | 93744    | 56.928   | ug/l # | 84       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 55505    | 1251.564 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 601348   | 293.288  | ug/l   | 89       |
| 52) Toluene                   | 8.720  | 92   | 228106   | 57.816   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 135782   | 57.401   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 145680   | 56.989   | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 95881    | 59.681   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 152145   | 60.461   | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 159236   | 58.796   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 355960   | 294.763  | ug/l   | 93       |
| 59) 2-Hexanone                | 9.433  | 43   | 469049   | 300.027  | ug/l   | 86       |
| 60) Dibromochloromethane      | 9.519  | 129  | 106059   | 62.005   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 104439   | 59.375   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 73820    | 48.265   | ug/l   | 98       |
| 65) Chlorobenzene             | 10.080 | 112  | 248282   | 56.031   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 95843    | 58.604   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 435810   | 55.894   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 344654   | 114.463  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 173020   | 58.241   | ug/l   | 98       |
| 70) Styrene                   | 10.653 | 104  | 288146   | 58.883   | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 77398    | 63.268   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 437014   | 54.817   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.842 | 43   | 172224   | 55.597   | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 157174   | 58.541   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 169992   | 72.775   | ug/l   | 91       |
| 77) Bromobenzene              | 11.195 | 156  | 110078   | 56.536   | ug/l   | 91       |
| 78) n-propylbenzene           | 11.305 | 91   | 493547   | 55.597   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 312330   | 55.056   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 382551   | 57.524   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 45129    | 53.962   | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 358733   | 54.781   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 377993   | 59.599   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 387444   | 57.646   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 449442   | 60.669   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 387334   | 60.737   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 205661   | 56.419   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 207828   | 55.183   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 314898   | 59.558   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 70741    | 66.460   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 210332   | 58.925   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 36472    | 58.463   | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 123579   | 59.169   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 49403    | 61.228   | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 458831   | 50.152   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 125468   | 60.465   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082823\  
Data File : VX037307.D  
Acq On : 28 Aug 2023 20:14  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Aug 29 01:04:32 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

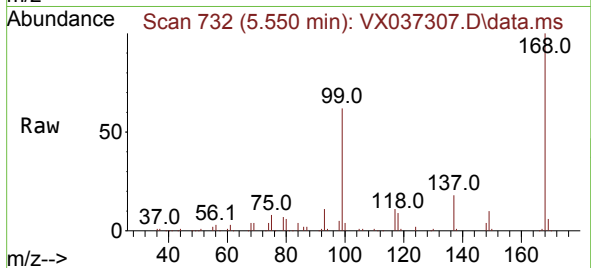
(#) = qualifier out of range (m) = manual integration (+) = signals summed



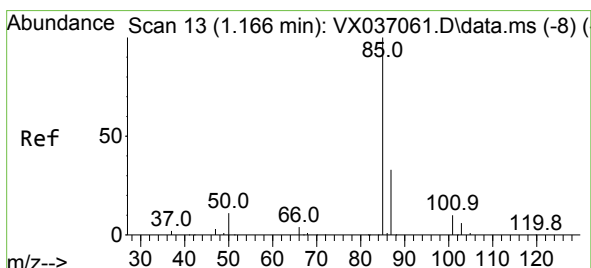
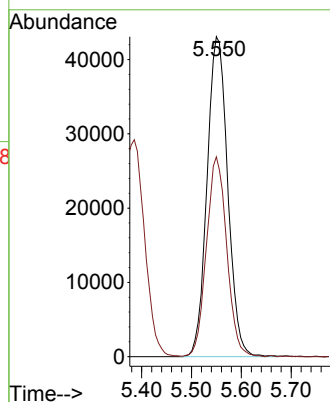
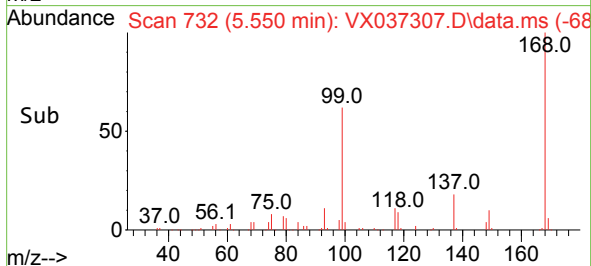


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

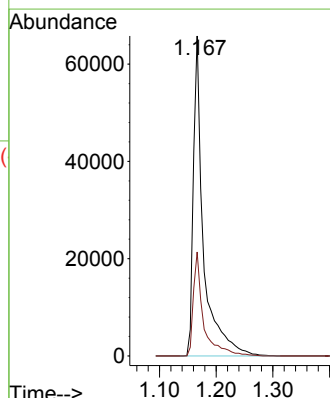
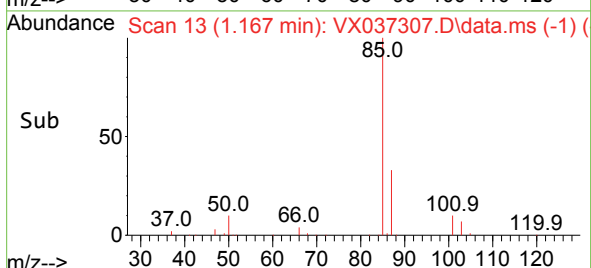
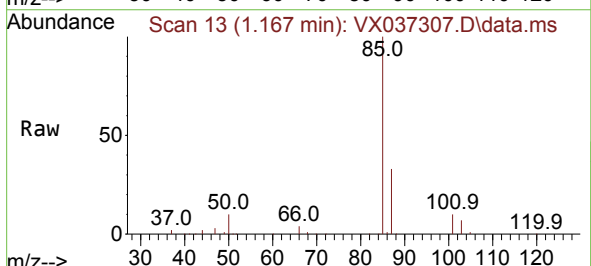


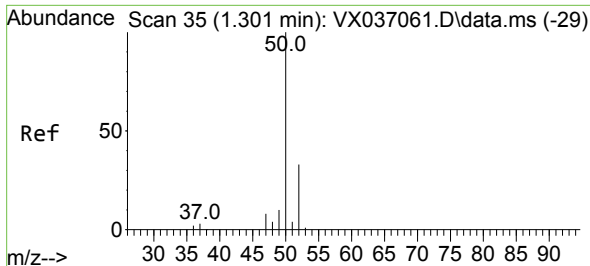
Tgt Ion:168 Resp: 123959  
Ion Ratio Lower Upper  
168 100  
99 62.3 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 56.477 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 85 Resp: 81323  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.7 50.1

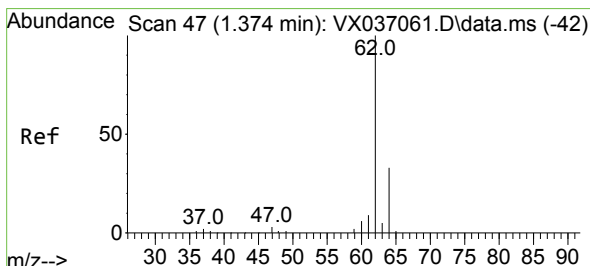
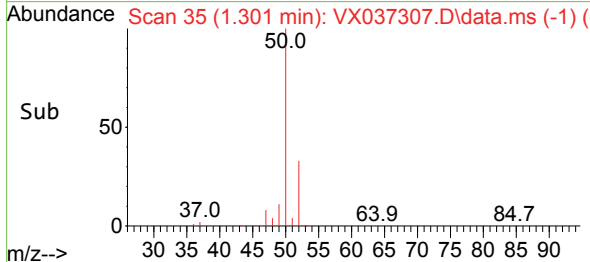
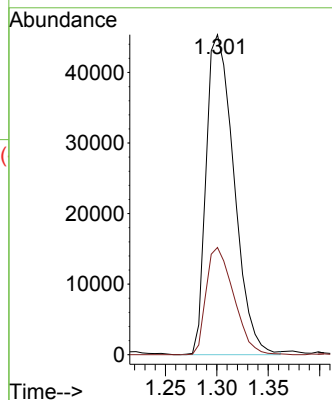
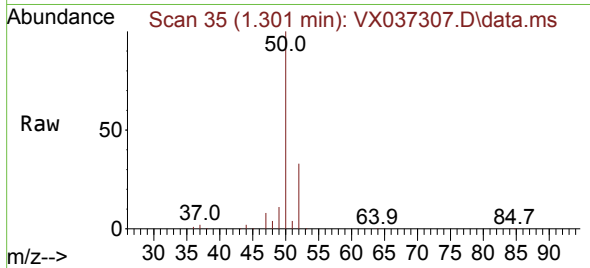




#3  
Chloromethane  
Concen: 67.744 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

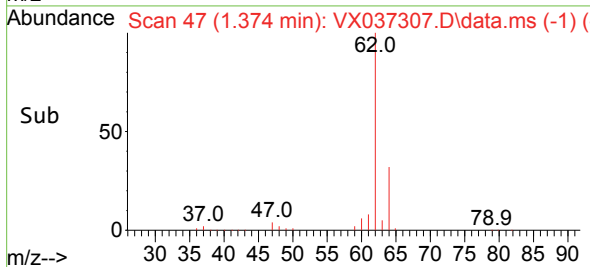
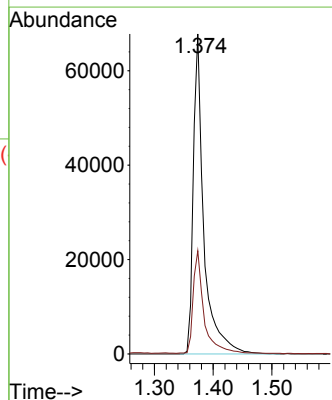
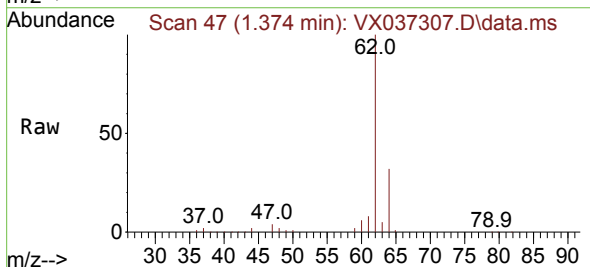
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

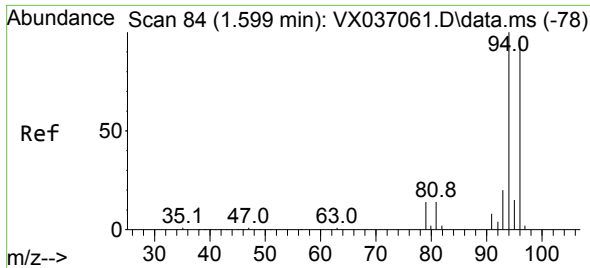
Tgt Ion: 50 Resp: 85339  
Ion Ratio Lower Upper  
50 100  
52 33.5 25.5 38.3



#4  
Vinyl Chloride  
Concen: 61.228 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 62 Resp: 83957  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.4 38.0

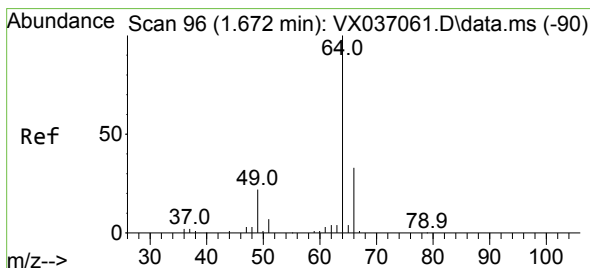
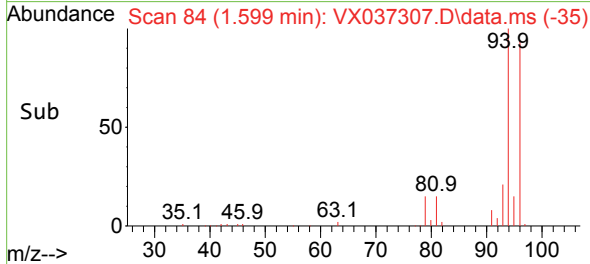
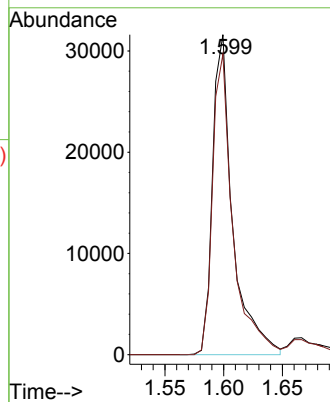
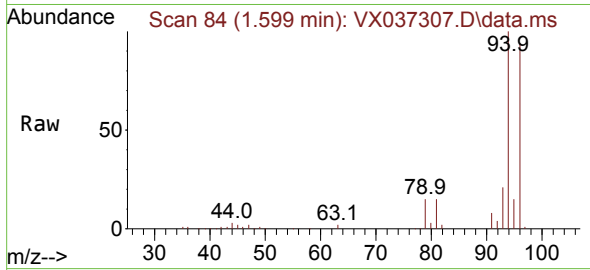




#5  
Bromomethane  
Concen: 55.108 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

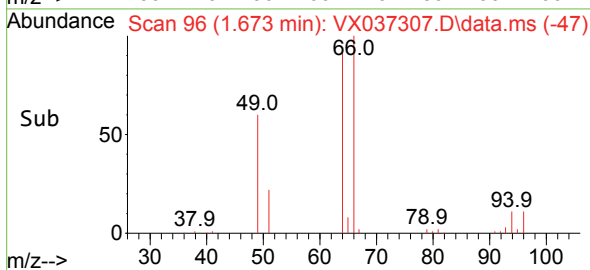
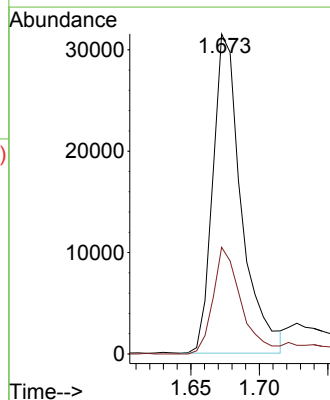
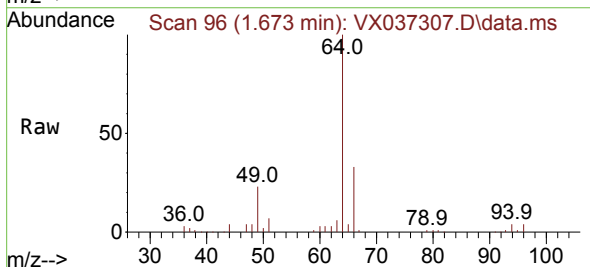
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

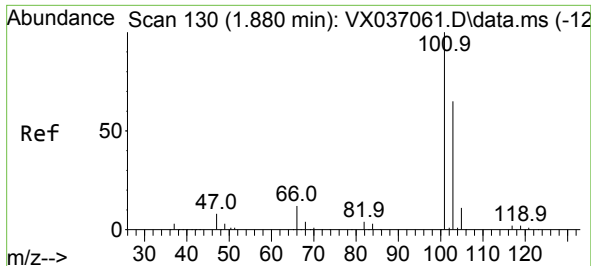
Tgt Ion: 94 Resp: 37640  
Ion Ratio Lower Upper  
94 100  
96 93.9 74.6 111.8



#6  
Chloroethane  
Concen: 56.514 ug/l  
RT: 1.673 min Scan# 96  
Delta R.T. 0.001 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 64 Resp: 45601  
Ion Ratio Lower Upper  
64 100  
66 33.4 25.1 37.7

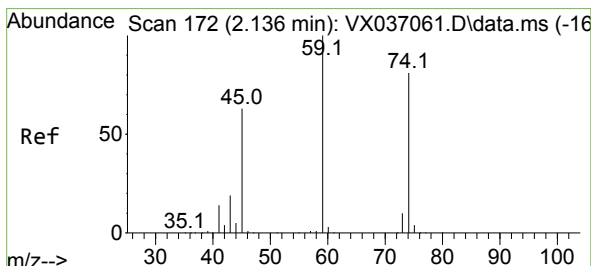
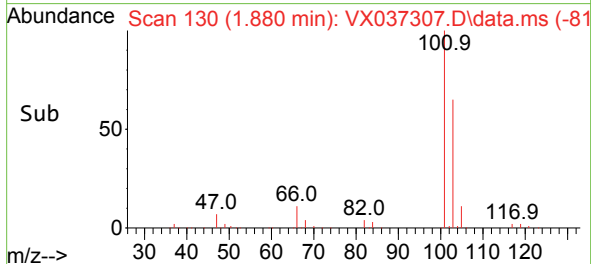
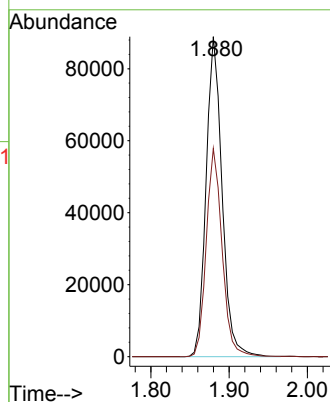
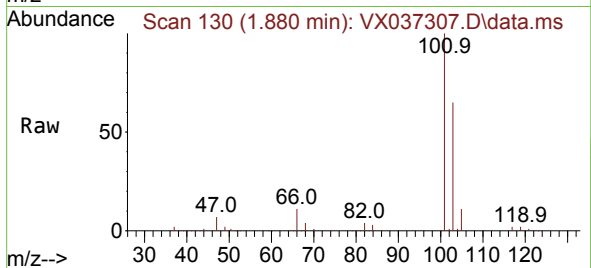




#7  
 Trichlorofluoromethane  
 Concen: 55.888 ug/l  
 RT: 1.880 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

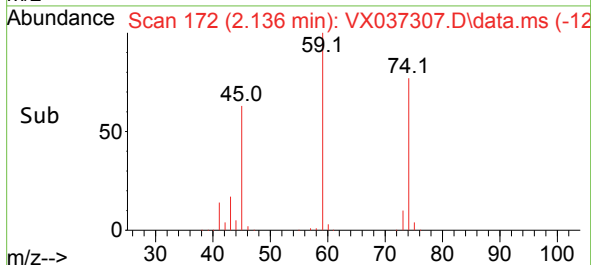
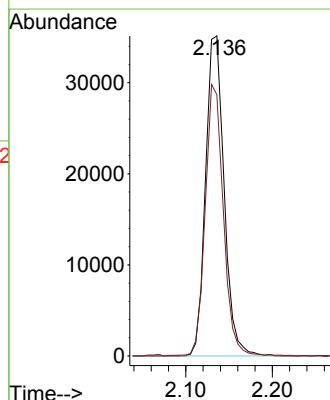
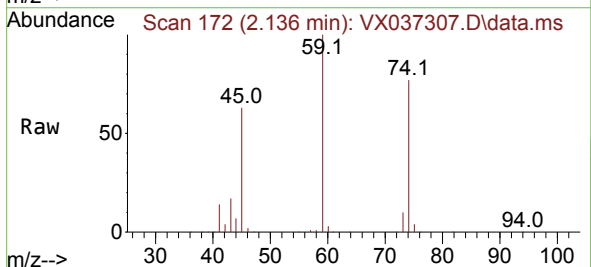
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

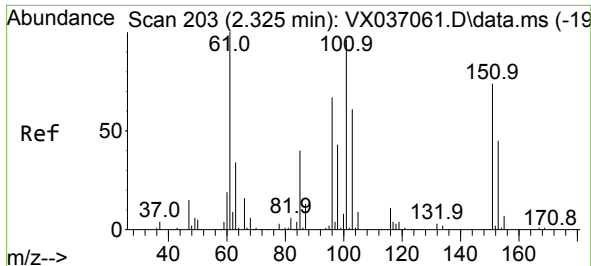
Tgt Ion:101 Resp: 125534  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 60.120 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

Tgt Ion: 74 Resp: 52245  
 Ion Ratio Lower Upper  
 74 100  
 45 83.3 53.3 159.8

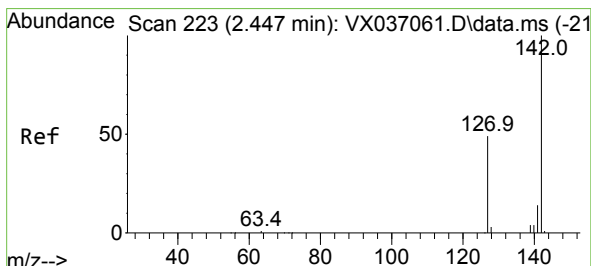
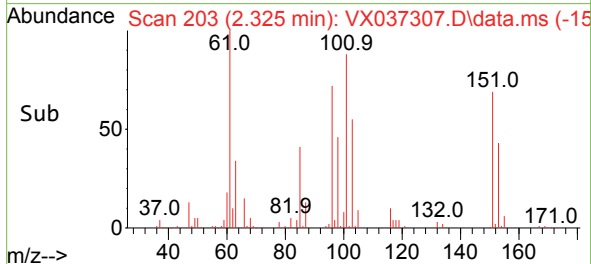
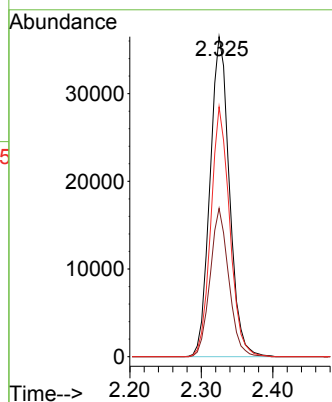
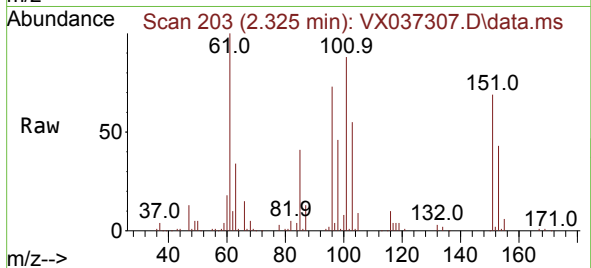




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.459 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

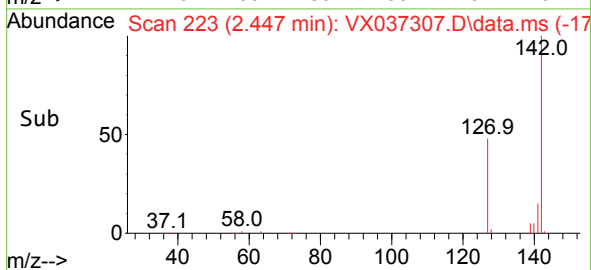
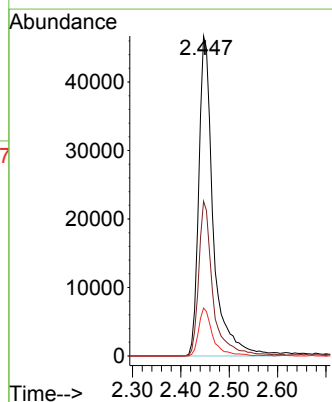
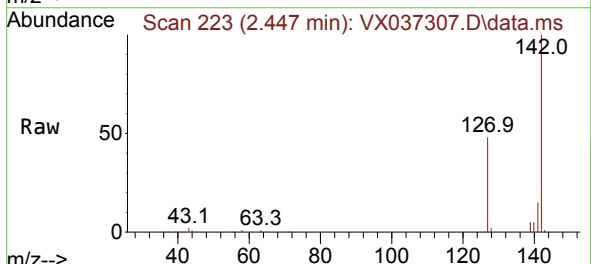
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

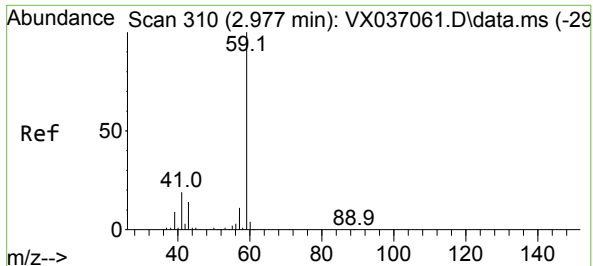
Tgt Ion:101 Resp: 68740  
Ion Ratio Lower Upper  
101 100  
85 44.6 37.0 55.6  
151 76.1 58.6 87.8



#10  
Methyl Iodide  
Concen: 61.223 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion:142 Resp: 97503  
Ion Ratio Lower Upper  
142 100  
127 47.6 41.6 62.4  
141 14.6 11.6 17.4

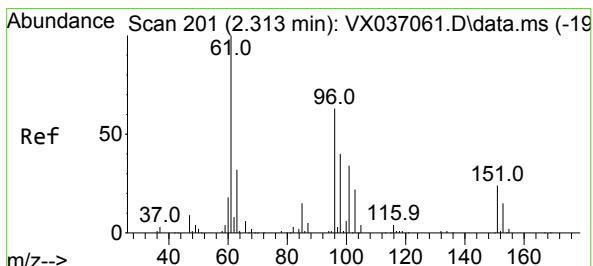
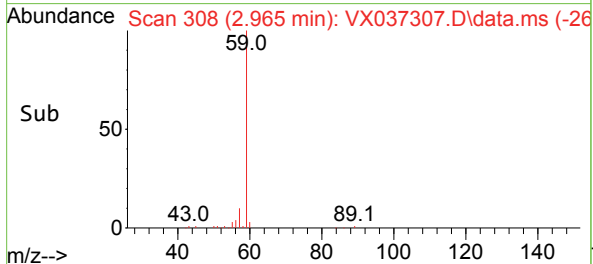
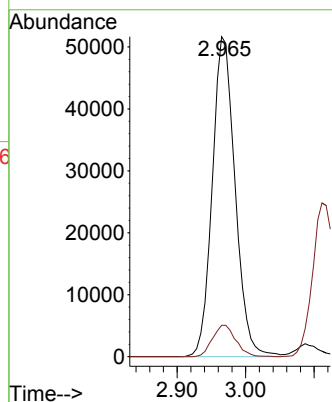
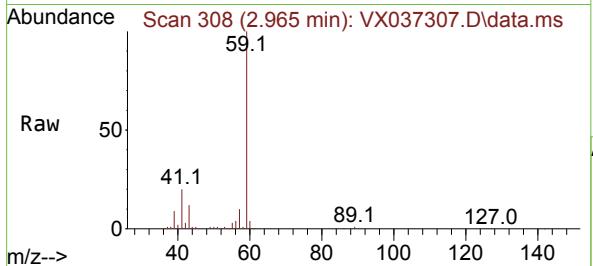




#11  
Tert butyl alcohol  
Concen: 285.451 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.012 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

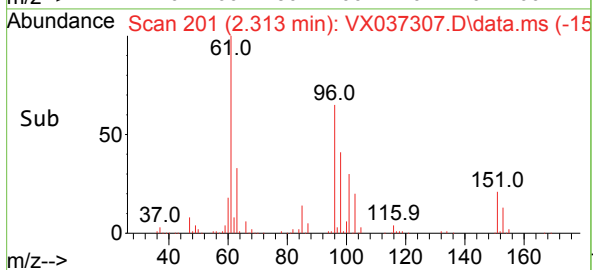
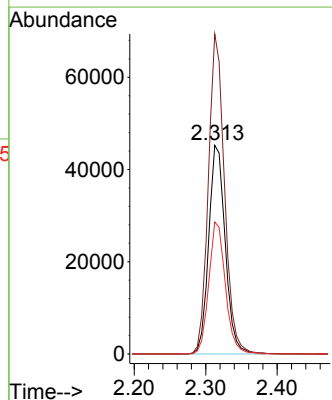
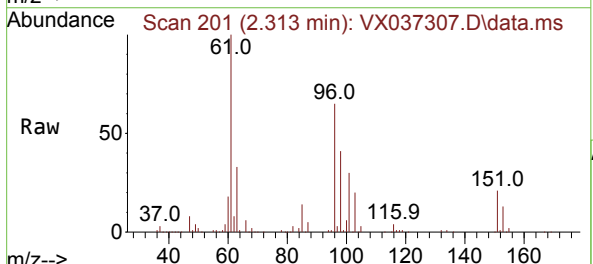
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

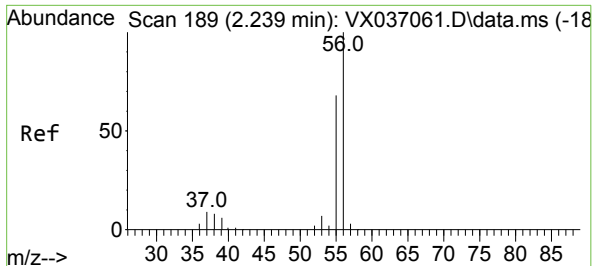
Tgt Ion: 59 Resp: 119664  
Ion Ratio Lower Upper  
59 100  
57 10.1 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 57.083 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 96 Resp: 72840  
Ion Ratio Lower Upper  
96 100  
61 153.3 144.6 216.8  
98 63.2 50.4 75.6

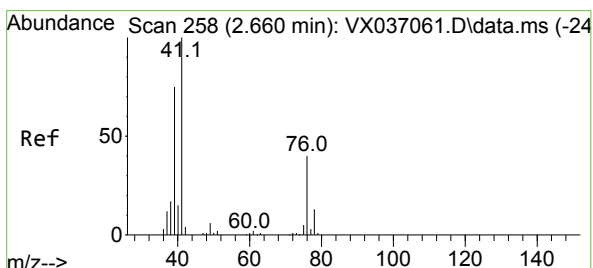
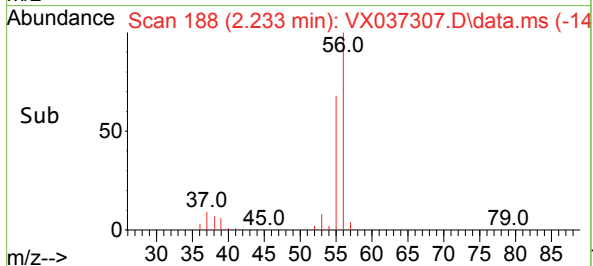
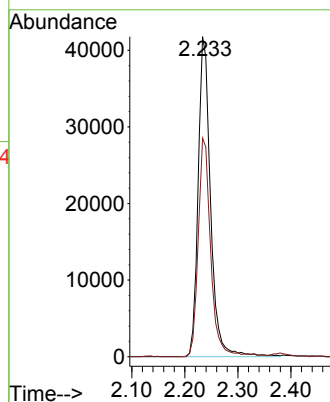
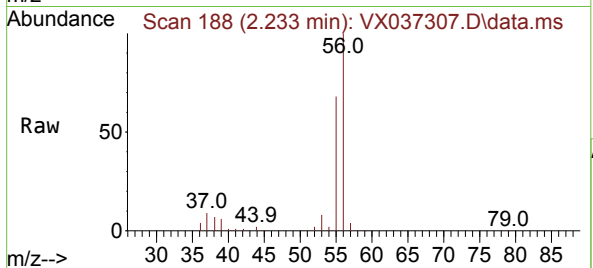




#13  
Acrolein  
Concen: 213.310 ug/l  
RT: 2.233 min Scan# 189  
Delta R.T. -0.006 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

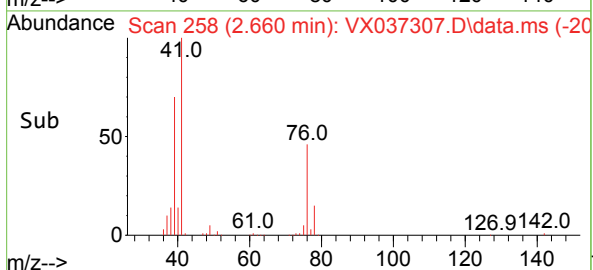
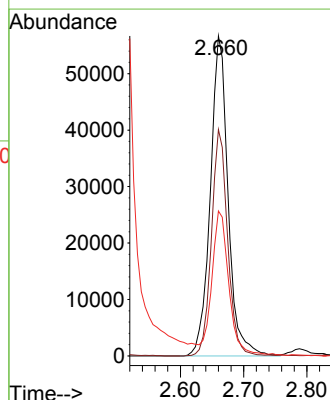
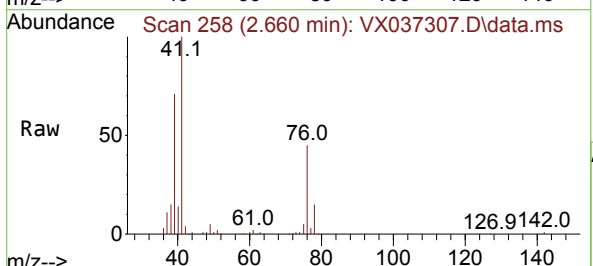
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

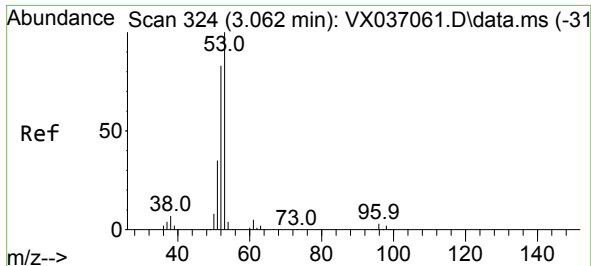
Tgt Ion: 56 Resp: 68027  
Ion Ratio Lower Upper  
56 100  
55 68.4 57.1 85.7



#14  
Allyl chloride  
Concen: 56.195 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 41 Resp: 110990  
Ion Ratio Lower Upper  
41 100  
39 64.4 55.8 83.6  
76 43.1 24.3 36.5

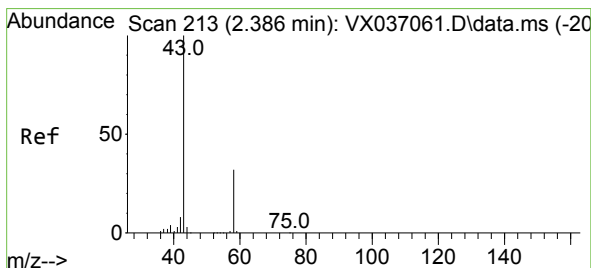
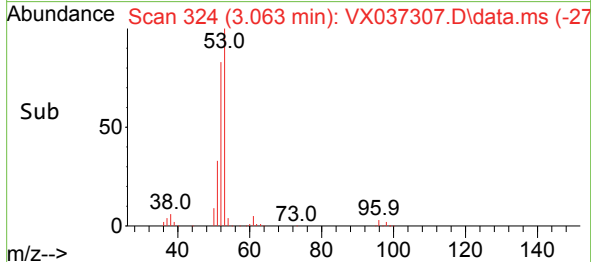
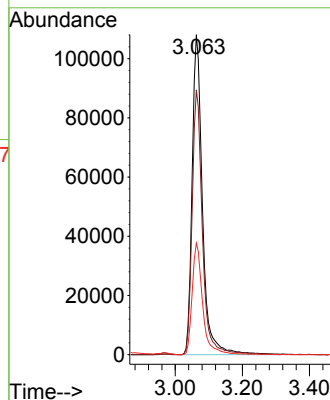
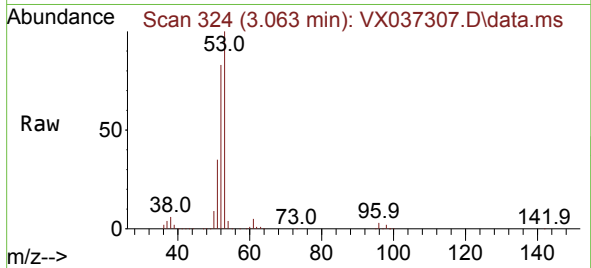




#15  
Acrylonitrile  
Concen: 310.396 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

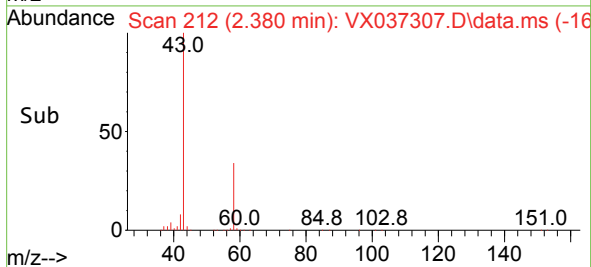
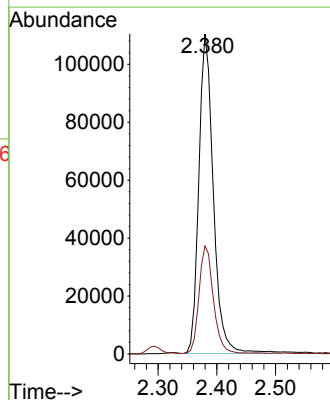
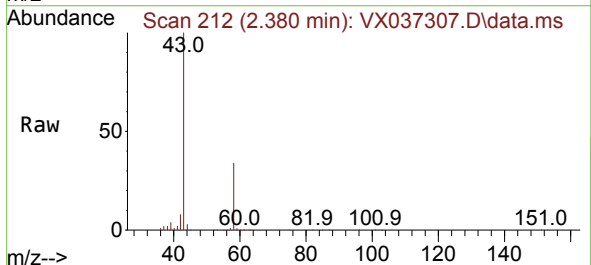
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

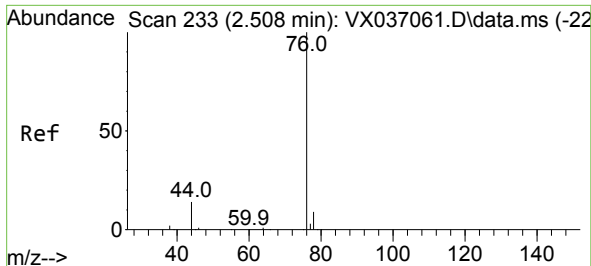
Tgt Ion: 53 Resp: 232250  
Ion Ratio Lower Upper  
53 100  
52 81.9 66.0 99.0  
51 35.5 29.8 44.6



#16  
Acetone  
Concen: 270.954 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 43 Resp: 189431  
Ion Ratio Lower Upper  
43 100  
58 33.6 21.9 32.9#

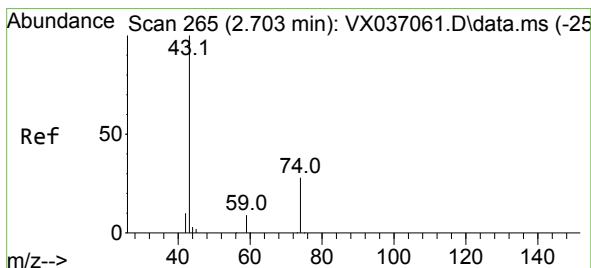
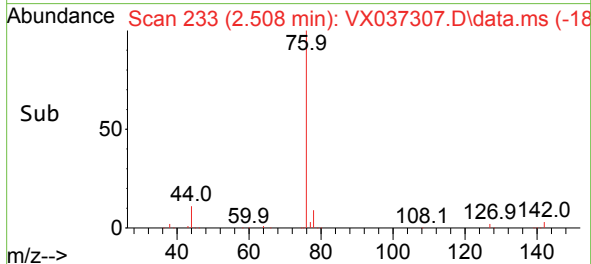
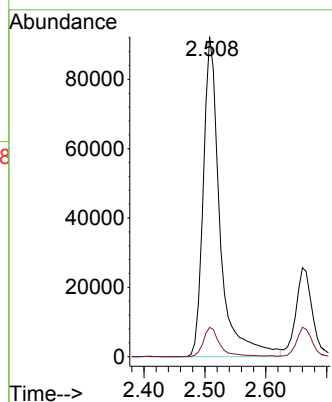
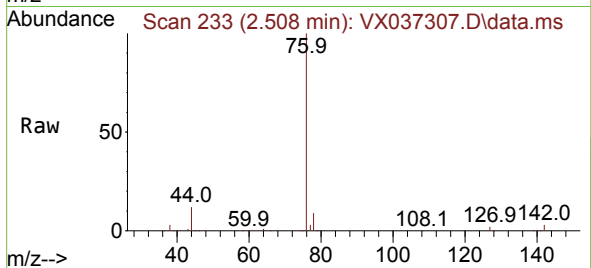




#17  
Carbon Disulfide  
Concen: 54.237 ug/l  
RT: 2.508 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

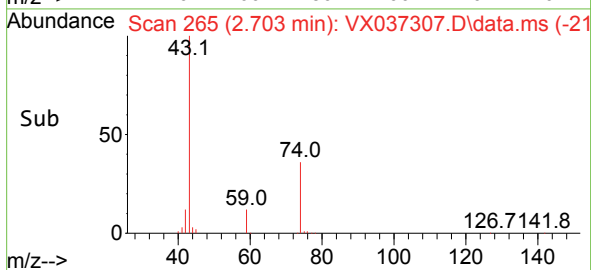
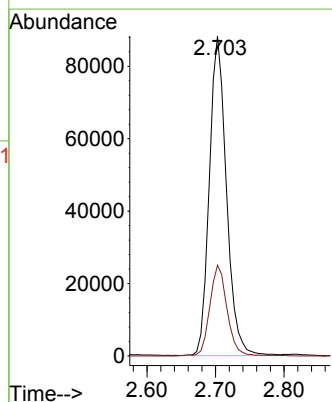
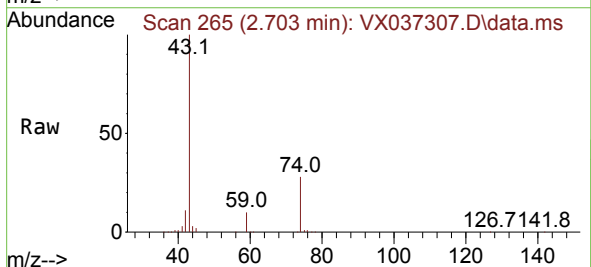
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

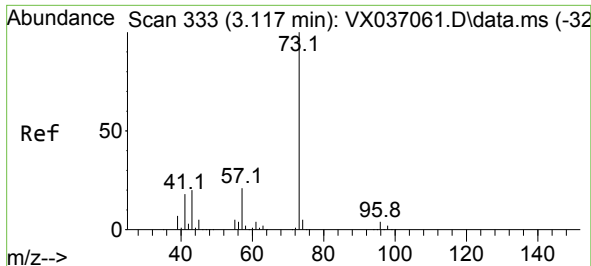
Tgt Ion: 76 Resp: 176041  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.6



#18  
Methyl Acetate  
Concen: 58.254 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 43 Resp: 153345  
Ion Ratio Lower Upper  
43 100  
74 28.7 17.8 26.8#

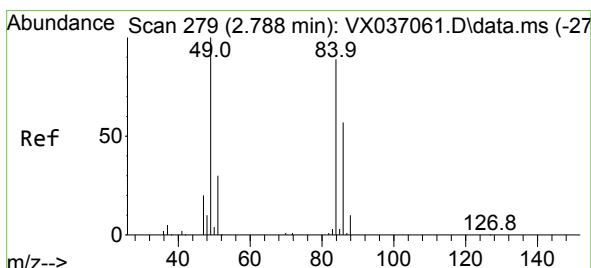
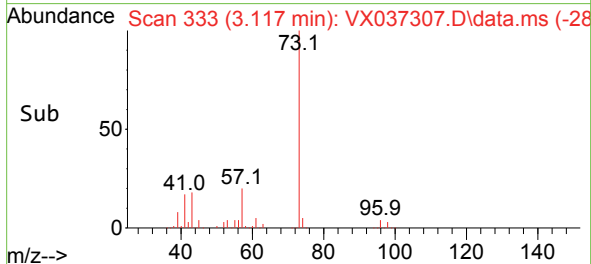
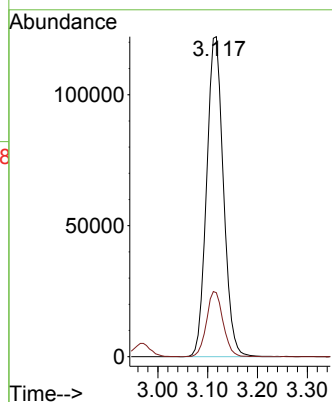
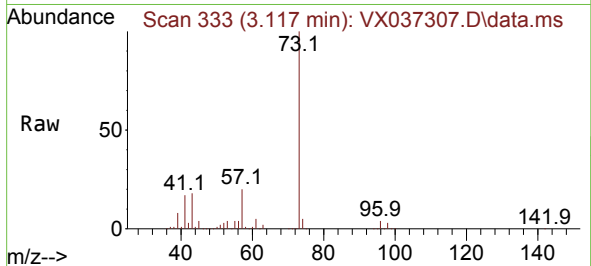




#19  
Methyl tert-butyl Ether  
Concen: 58.943 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

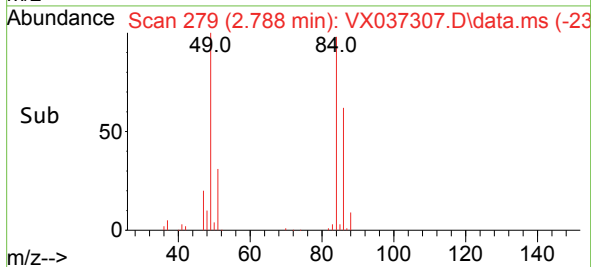
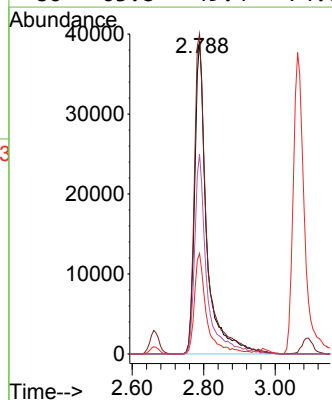
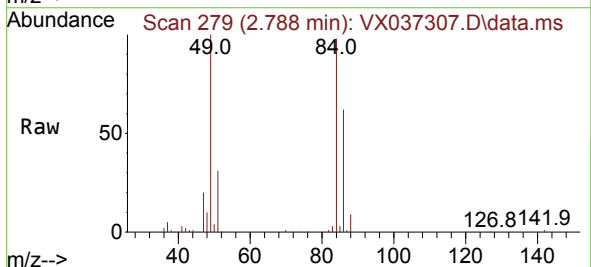
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

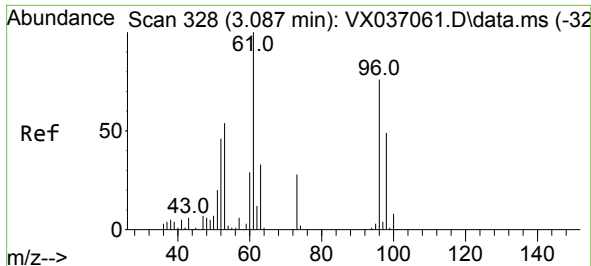
Tgt Ion: 73 Resp: 285257  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 58.908 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 84 Resp: 92100  
Ion Ratio Lower Upper  
84 100  
49 102.3 103.6 155.4#  
51 32.1 33.8 50.6#  
86 63.8 49.4 74.0

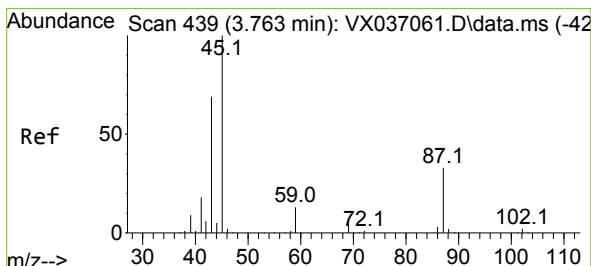
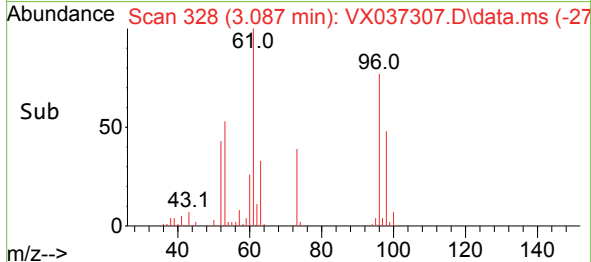
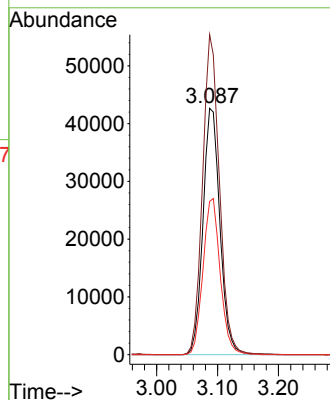
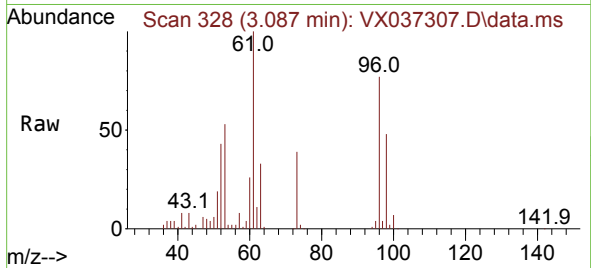




#21  
trans-1,2-Dichloroethene  
Concen: 57.065 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

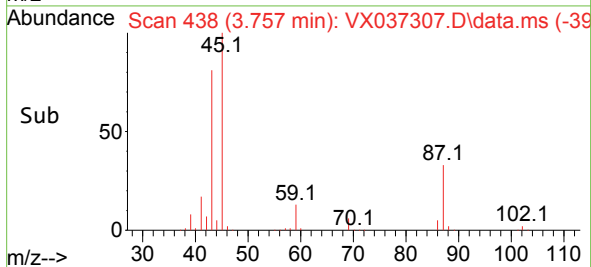
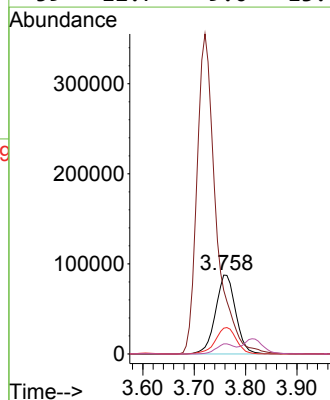
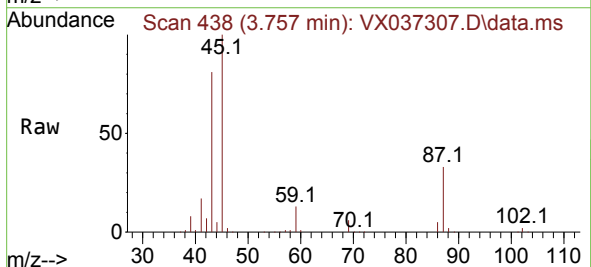
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

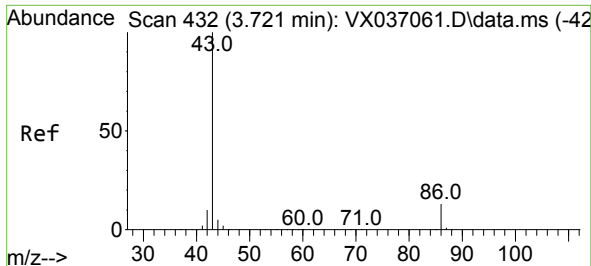
Tgt Ion: 96 Resp: 82776  
Ion Ratio Lower Upper  
96 100  
61 129.9 119.2 178.8  
98 62.2 48.7 73.1



#22  
Diisopropyl ether  
Concen: 58.879 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 45 Resp: 238633  
Ion Ratio Lower Upper  
45 100  
43 80.4 69.7 104.5  
87 32.7 20.8 31.2#  
59 12.7 9.0 13.4

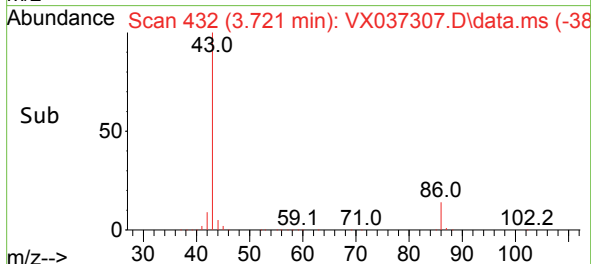
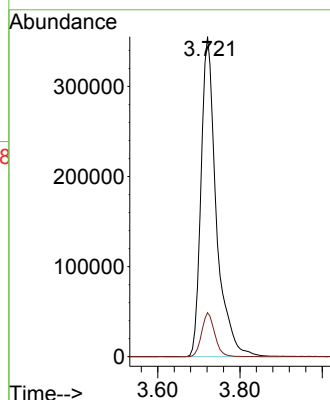
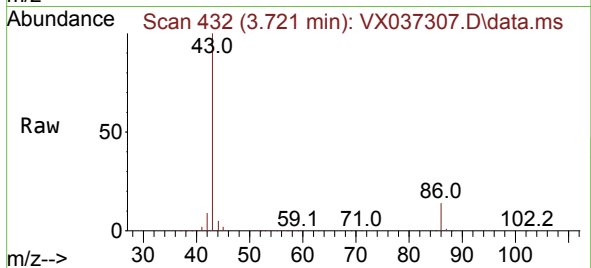




#23  
 Vinyl Acetate  
 Concen: 294.837 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

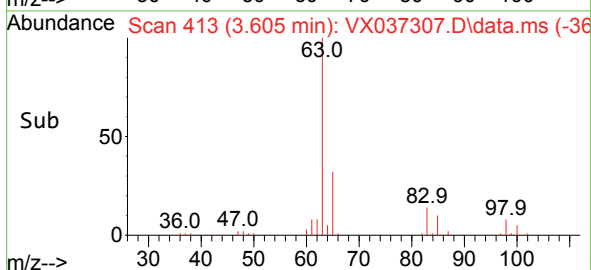
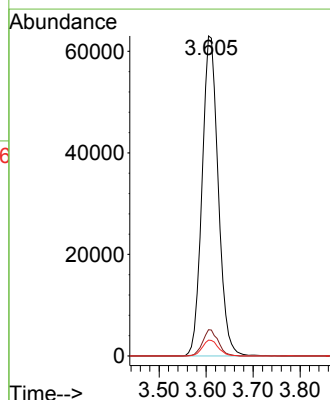
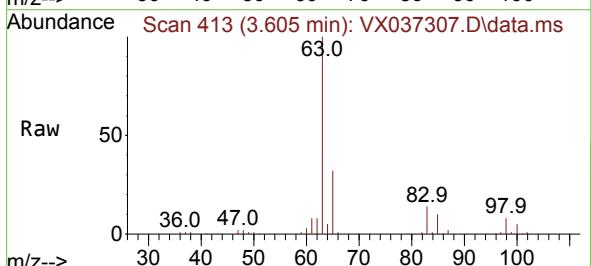
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

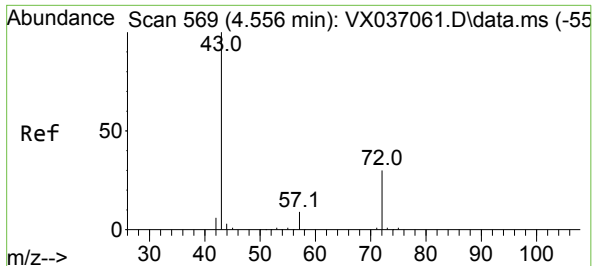
Tgt Ion: 43 Resp: 915706  
 Ion Ratio Lower Upper  
 43 100  
 86 13.7 7.8 11.8#



#24  
 1,1-Dichloroethane  
 Concen: 59.191 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

Tgt Ion: 63 Resp: 150437  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.3 9.8  
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 288.086 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

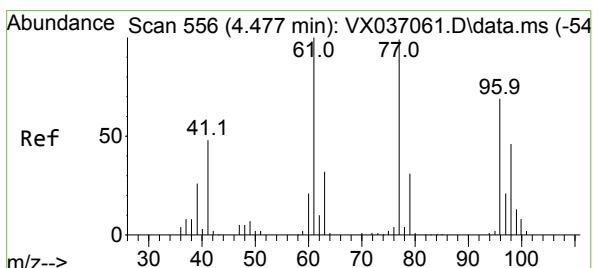
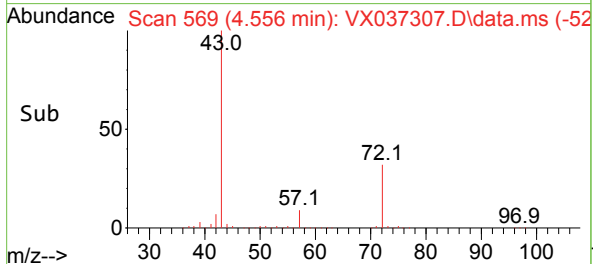
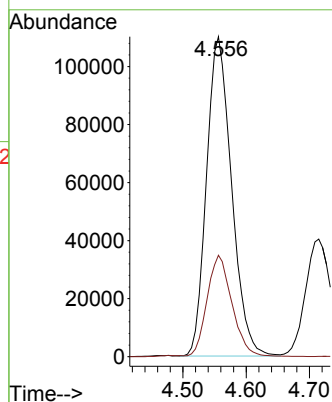
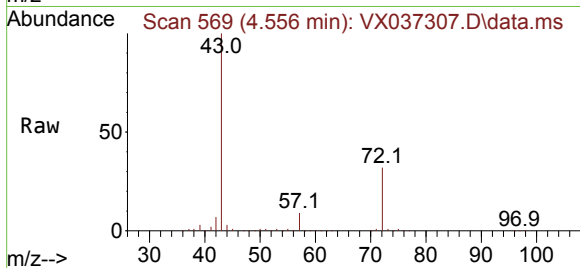
VSTDCCC050EC

Tgt Ion: 43 Resp: 303261

Ion Ratio Lower Upper

43 100

72 31.6 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 46.939 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX037307.D

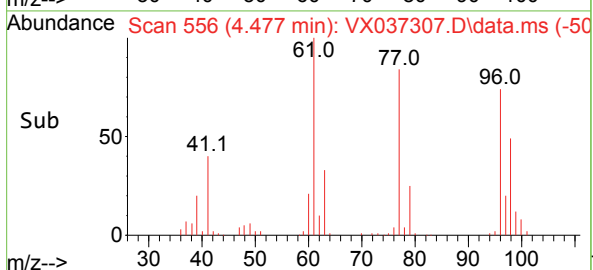
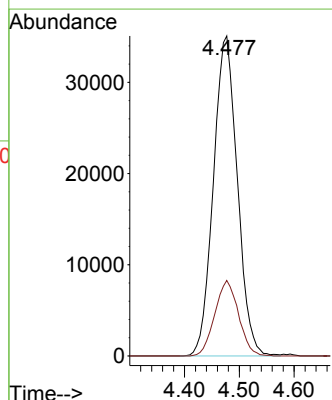
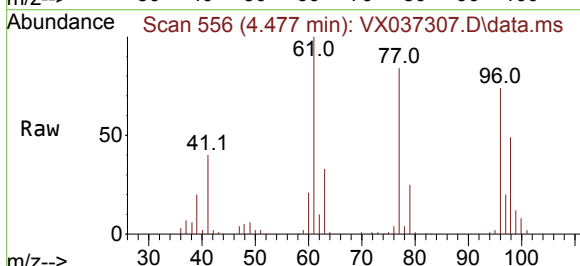
Acq: 28 Aug 2023 20:14

Tgt Ion: 77 Resp: 106540

Ion Ratio Lower Upper

77 100

97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 58.701 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

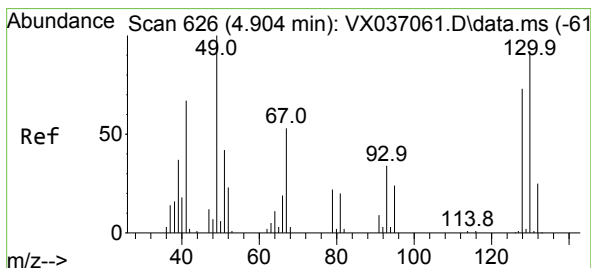
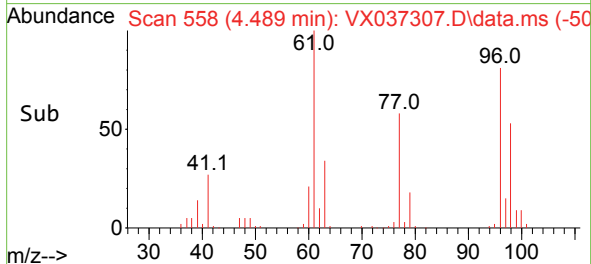
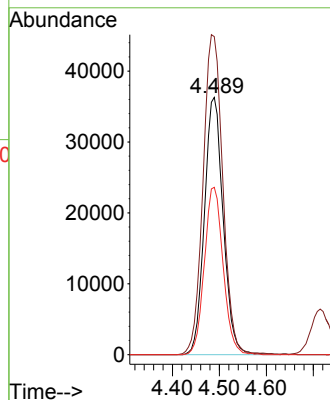
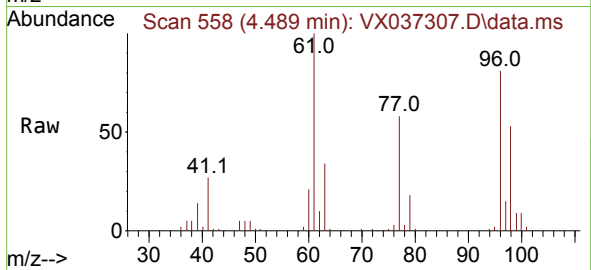
Tgt Ion: 96 Resp: 100383

Ion Ratio Lower Upper

96 100

61 131.4 0.0 312.2

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 56.313 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

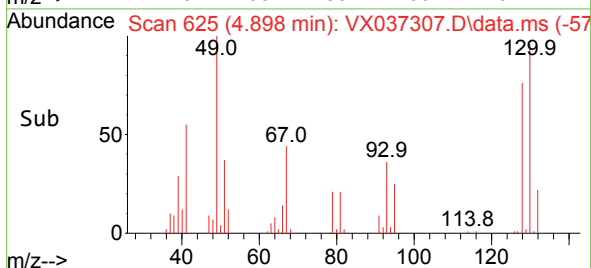
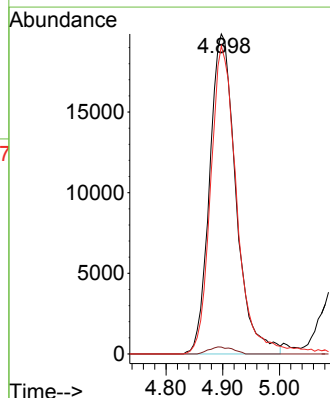
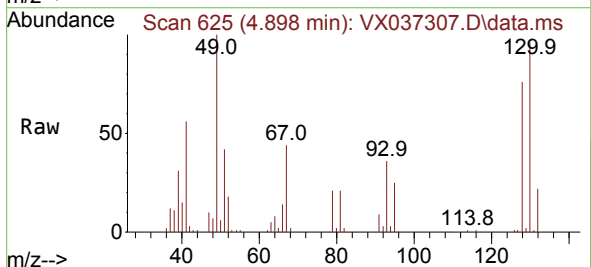
Tgt Ion: 49 Resp: 63936

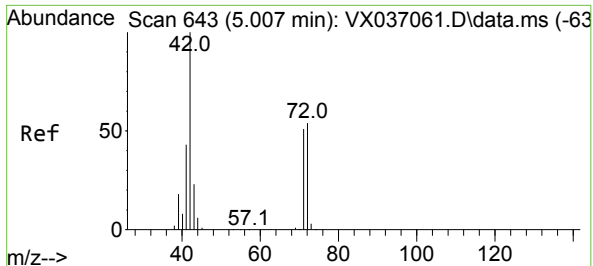
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 96.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 289.670 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

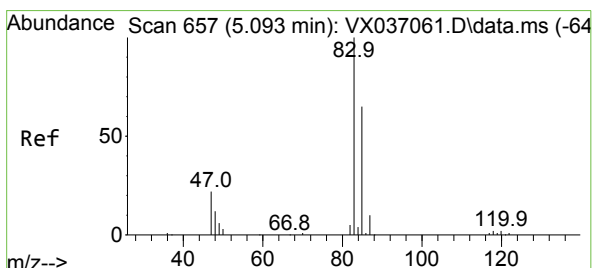
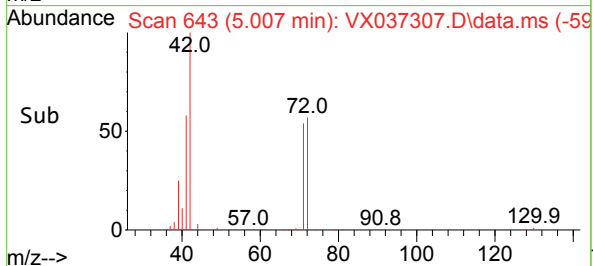
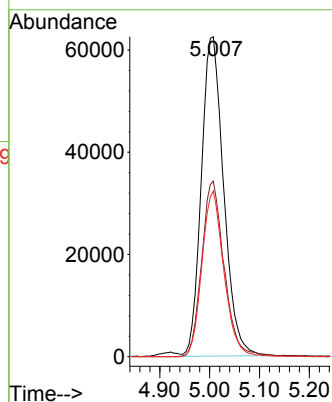
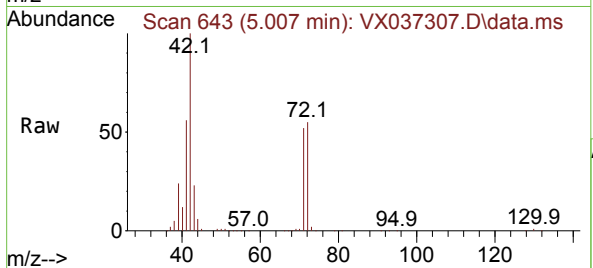
Tgt Ion: 42 Resp: 194462

Ion Ratio Lower Upper

42 100

72 55.3 34.2 51.4#

71 50.9 32.2 48.2#



#30

Chloroform

Concen: 58.111 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037307.D

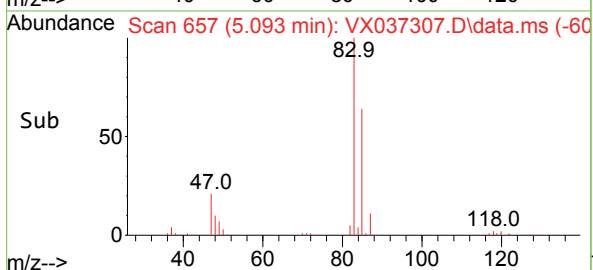
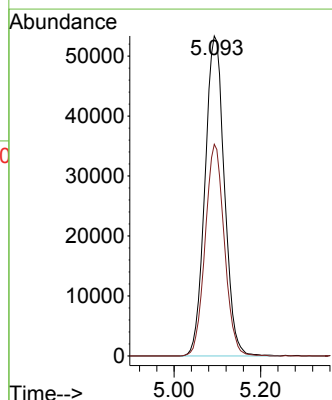
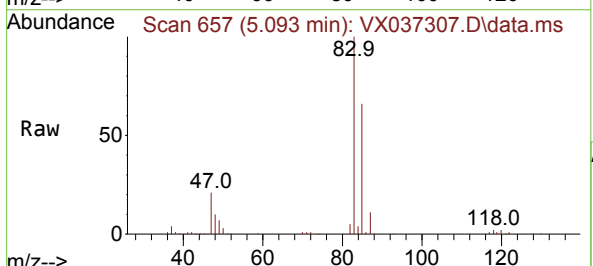
Acq: 28 Aug 2023 20:14

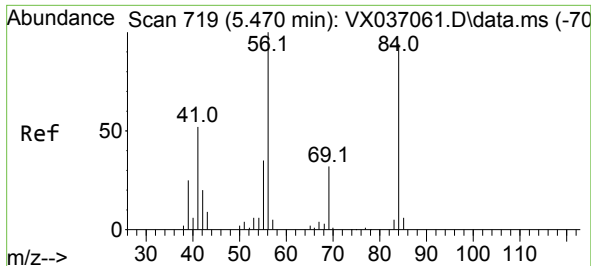
Tgt Ion: 83 Resp: 165792

Ion Ratio Lower Upper

83 100

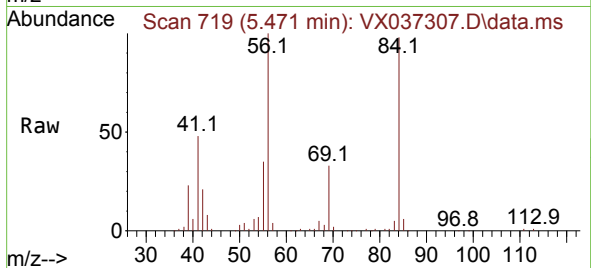
85 66.1 50.3 75.5



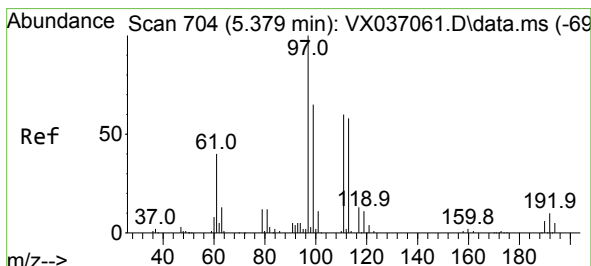
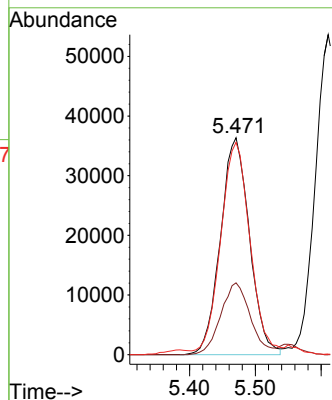
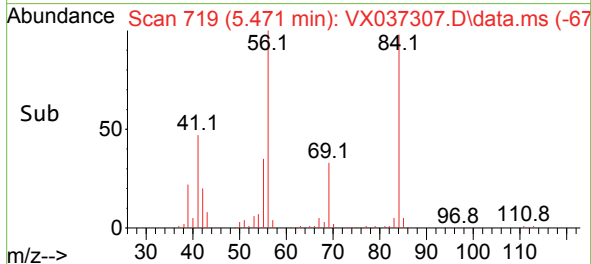


#31  
Cyclohexane  
Concen: 55.599 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

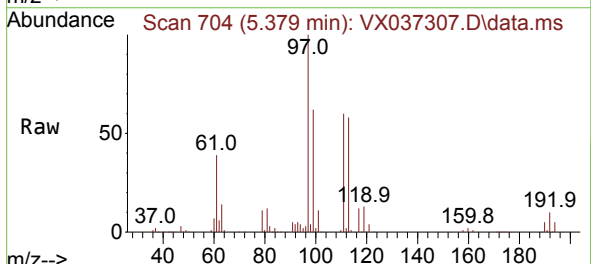
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



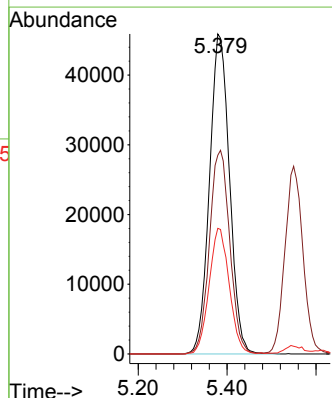
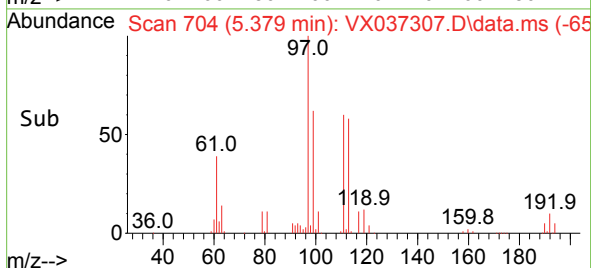
Tgt Ion: 56 Resp: 111722  
Ion Ratio Lower Upper  
56 100  
69 33.1 23.4 35.2  
84 95.7 65.9 98.9

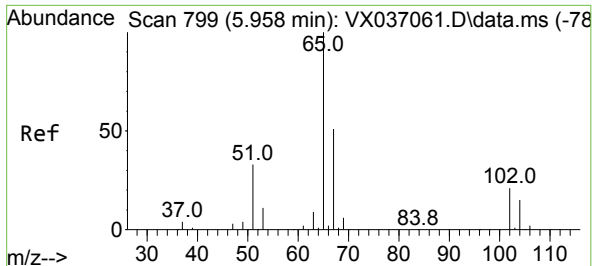


#32  
1,1,1-Trichloroethane  
Concen: 56.134 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14



Tgt Ion: 97 Resp: 143516  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.1 76.7  
61 39.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 54.806 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

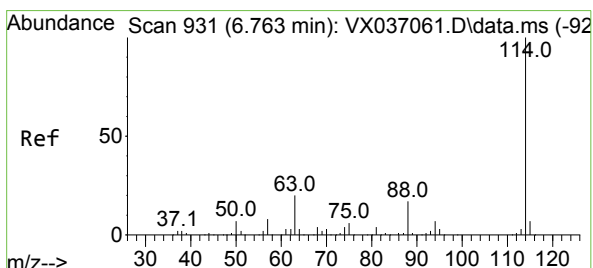
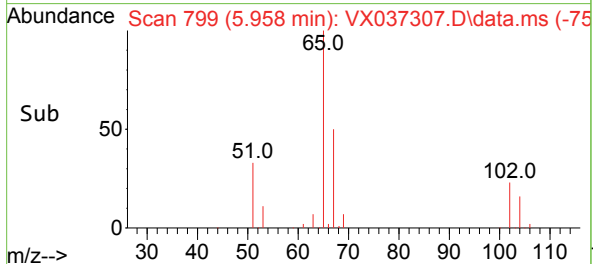
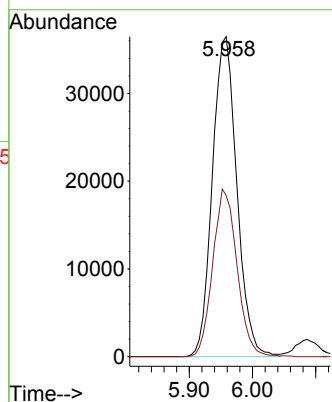
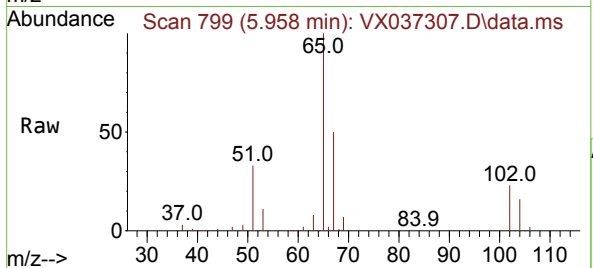
VSTDCCC050EC

Tgt Ion: 65 Resp: 97943

Ion Ratio Lower Upper

65 100

67 52.0 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: VX037307.D

Acq: 28 Aug 2023 20:14

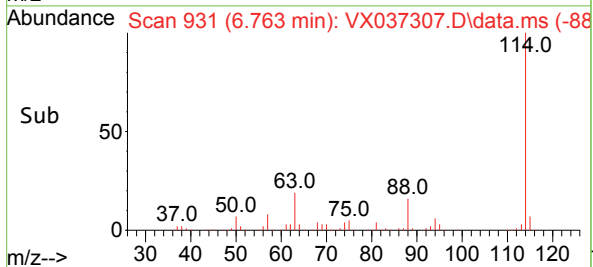
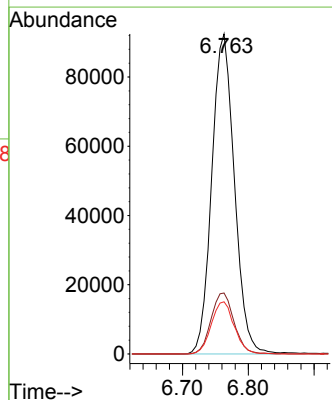
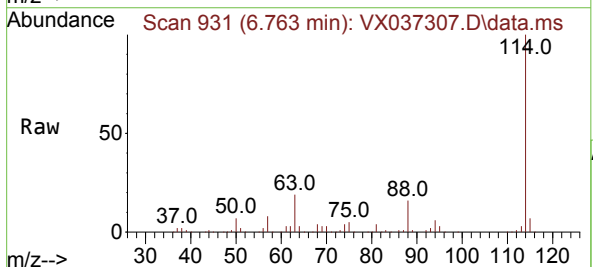
Tgt Ion: 114 Resp: 221280

Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 16.3 0.0 36.6

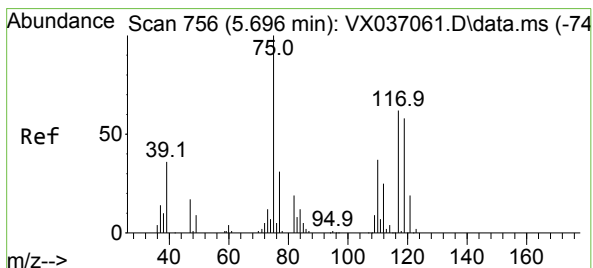
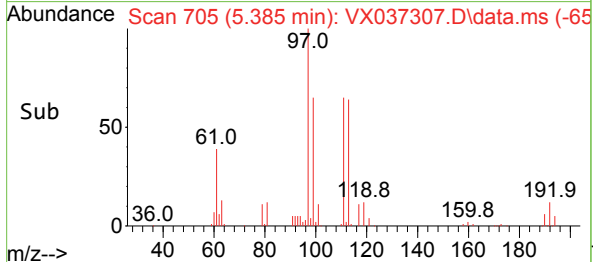
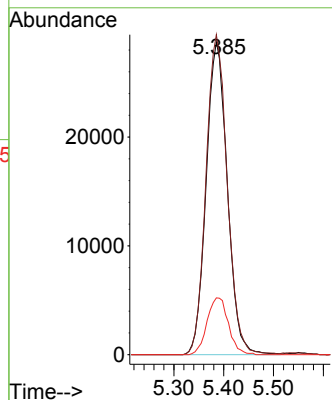
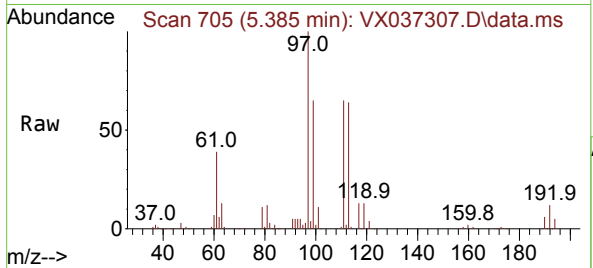




#35  
Dibromofluoromethane  
Concen: 57.828 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

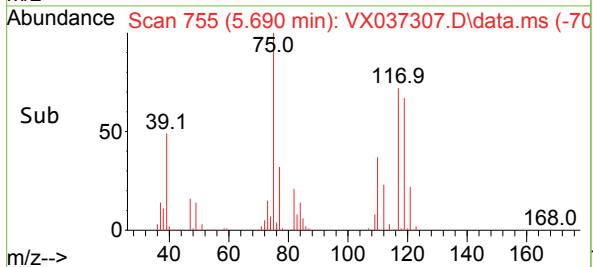
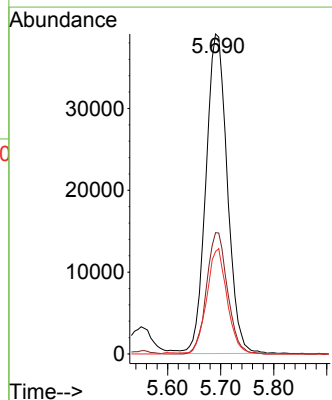
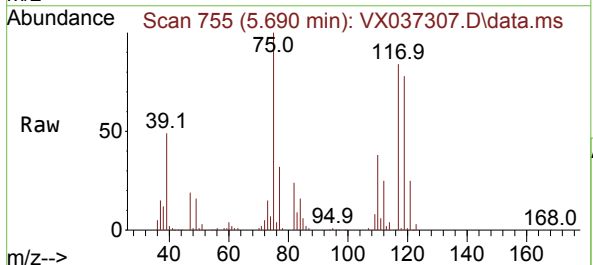
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

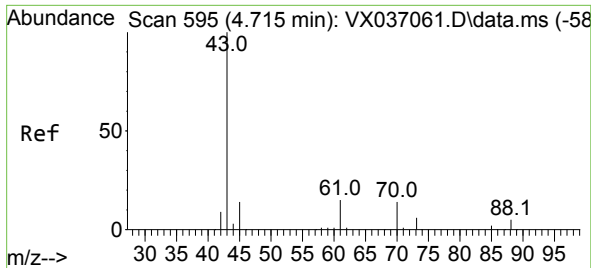
Tgt Ion:113 Resp: 84746  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.9 124.3  
192 18.4 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 52.558 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 75 Resp: 109428  
Ion Ratio Lower Upper  
75 100  
110 37.3 17.0 50.9  
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 55.634 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

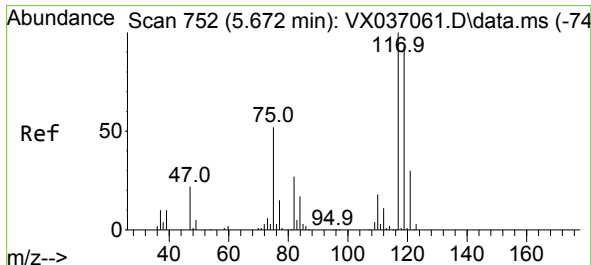
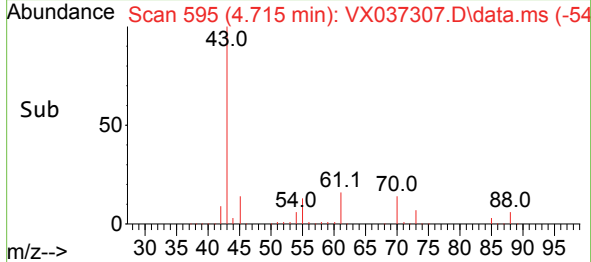
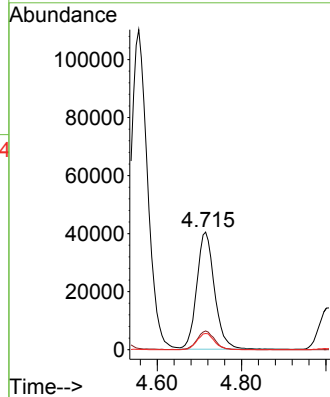
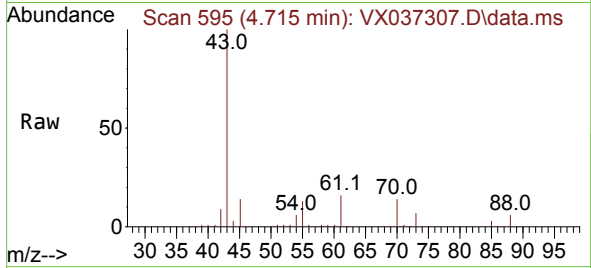
Tgt Ion: 43 Resp: 118325

Ion Ratio Lower Upper

43 100

61 15.3 10.6 16.0

70 13.6 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 54.208 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

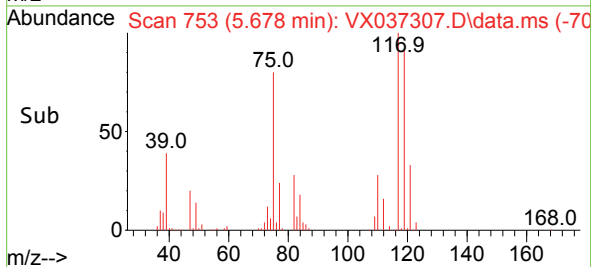
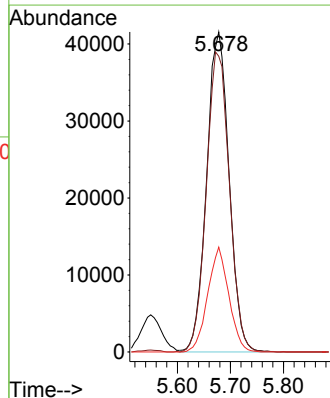
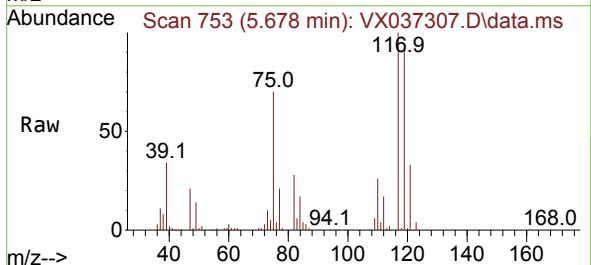
Tgt Ion: 117 Resp: 122601

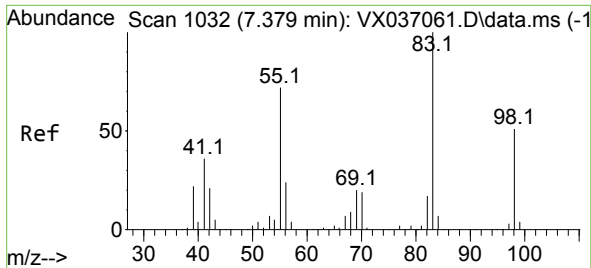
Ion Ratio Lower Upper

117 100

119 92.4 78.2 117.2

121 32.8 24.4 36.6

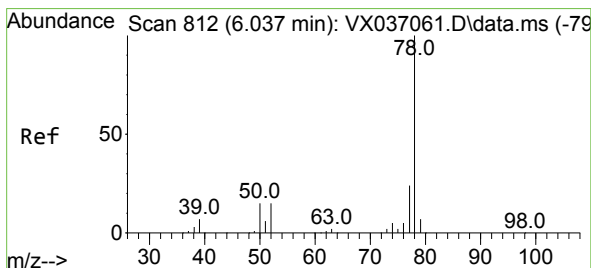
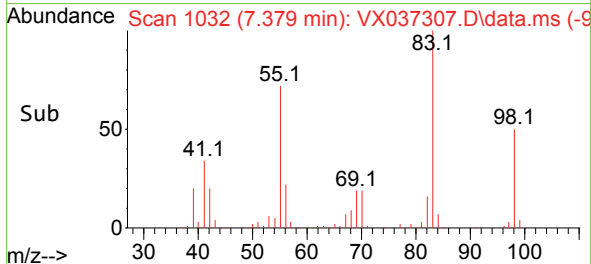
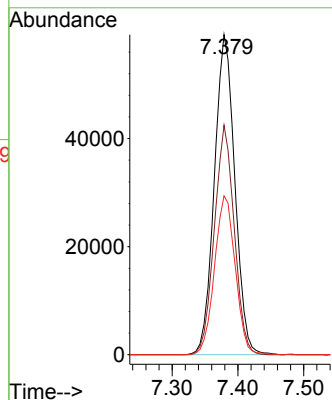
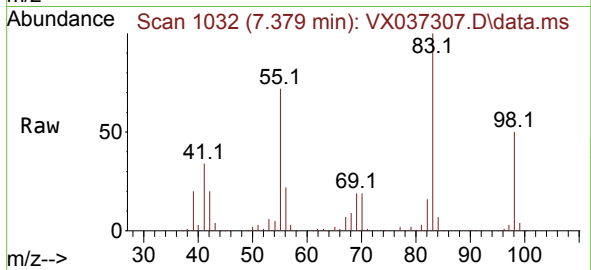




#39  
Methylcyclohexane  
Concen: 58.724 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

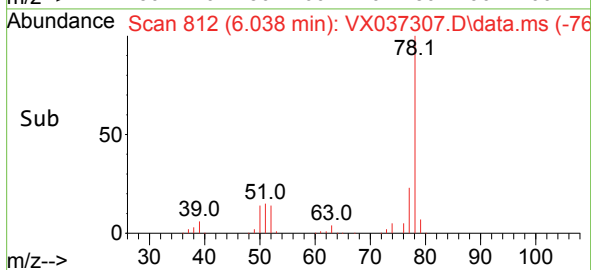
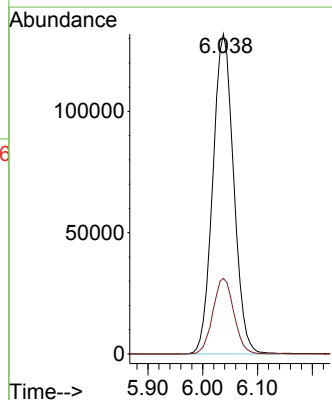
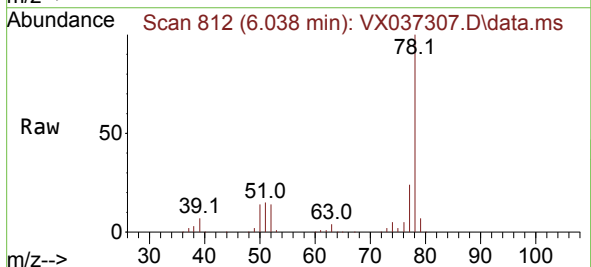
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 128459  
Ion Ratio Lower Upper  
83 100  
55 71.7 64.6 97.0  
98 49.6 36.7 55.1



#40  
Benzene  
Concen: 58.337 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 78 Resp: 348350  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.3 28.9

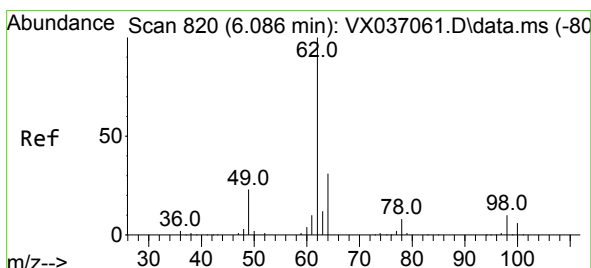
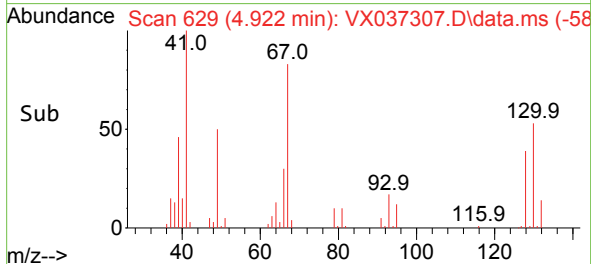
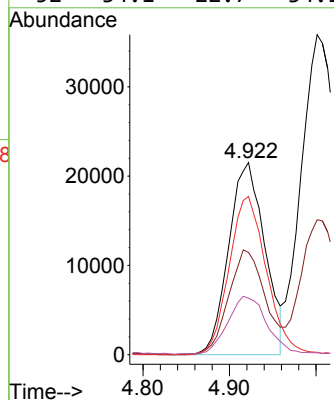
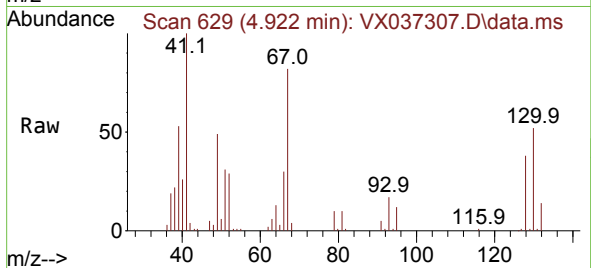




#41  
Methacrylonitrile  
Concen: 56.533 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

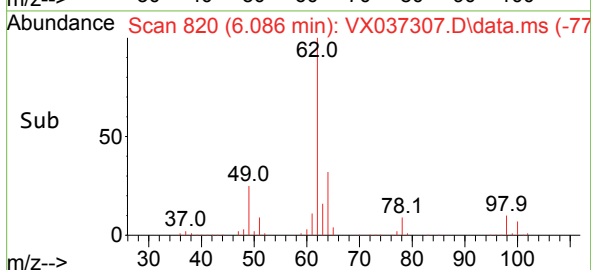
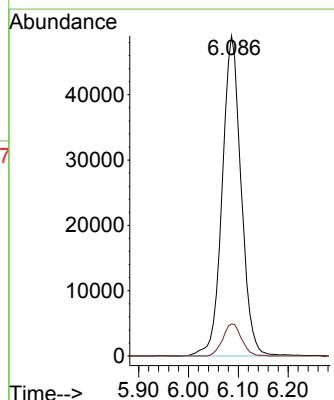
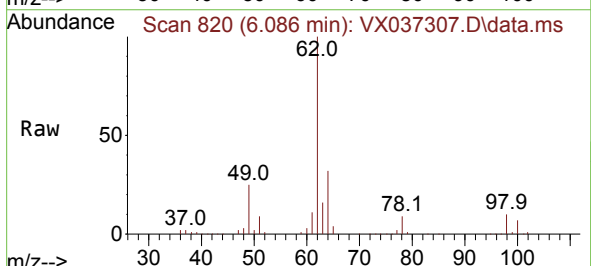
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

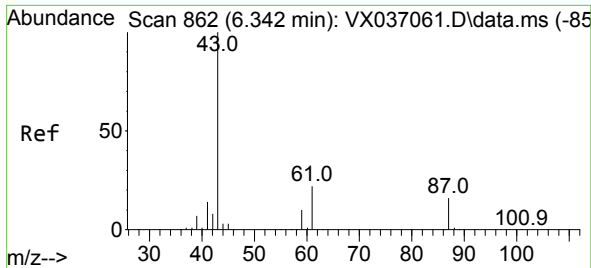
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 62505 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.4  | 45.2  | 67.8  |
| 67       | 85.6  | 52.6  | 78.8  |
| 52       | 34.1  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 55.135 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 129109 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.0  | 0.0   | 16.0   |





#43

Isopropyl Acetate

Concen: 56.495 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

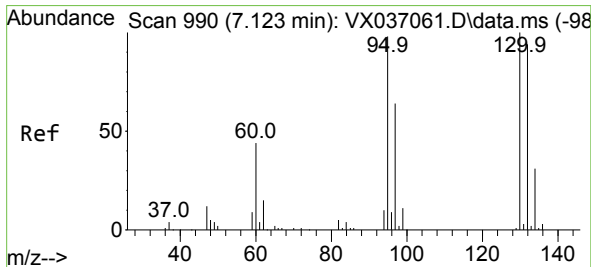
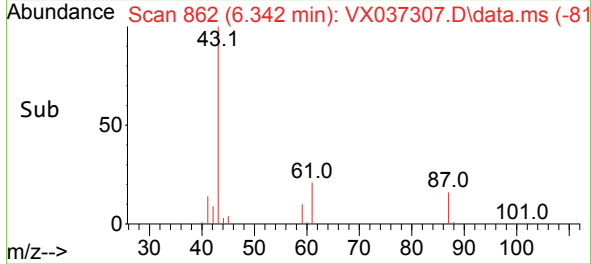
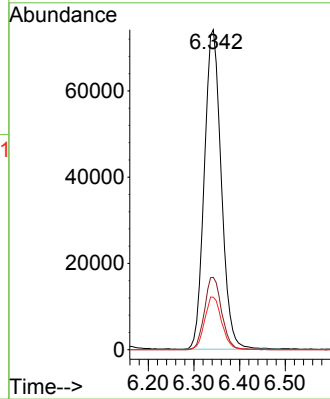
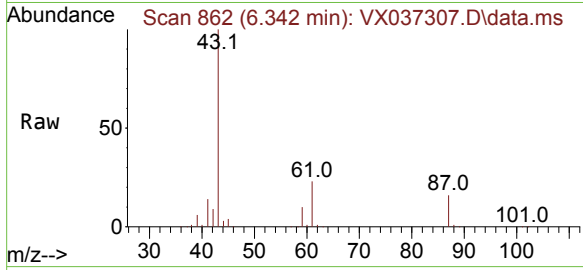
Tgt Ion: 43 Resp: 190763

Ion Ratio Lower Upper

43 100

61 23.0 15.2 22.8#

87 16.5 9.8 14.6#



#44

Trichloroethene

Concen: 54.719 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037307.D

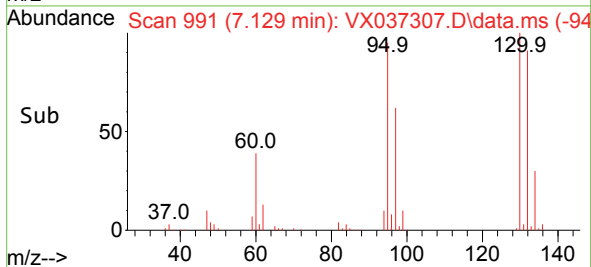
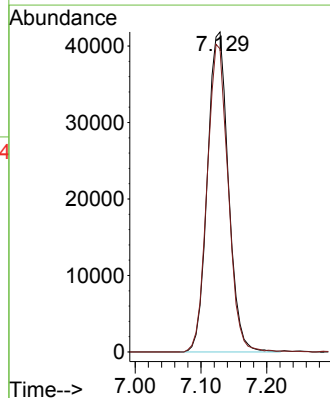
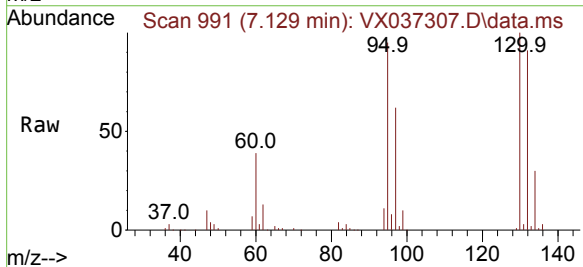
Acq: 28 Aug 2023 20:14

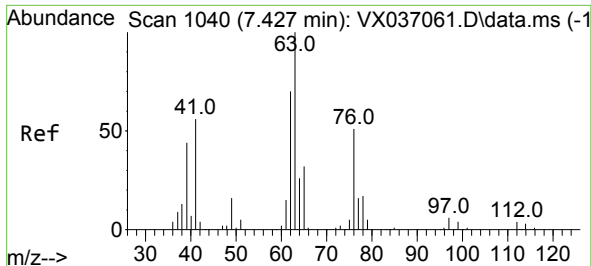
Tgt Ion:130 Resp: 92650

Ion Ratio Lower Upper

130 100

95 94.7 0.0 204.4

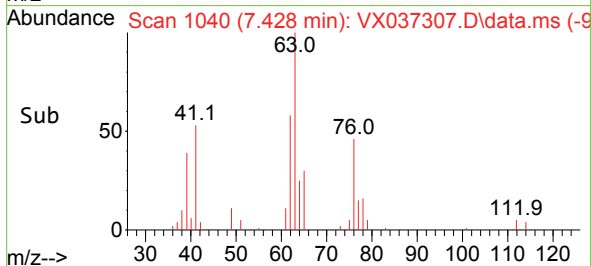
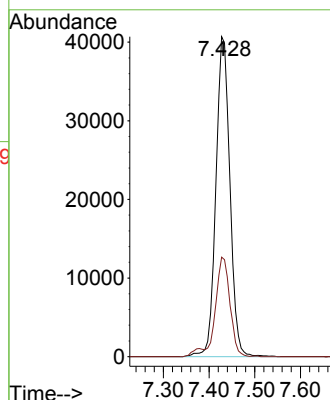
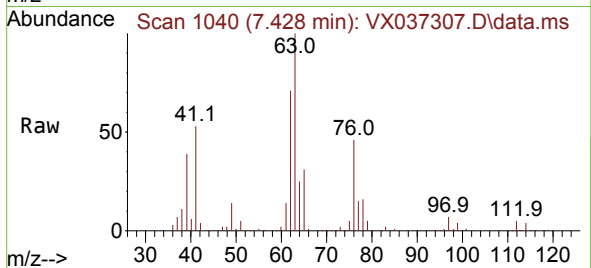




#45  
1,2-Dichloropropane  
Concen: 58.932 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

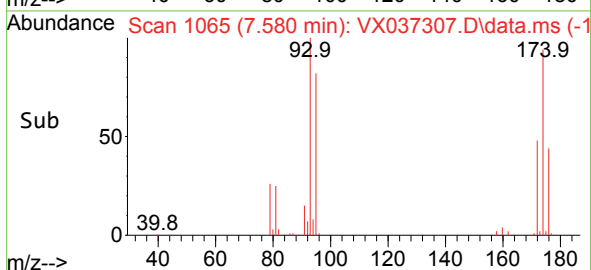
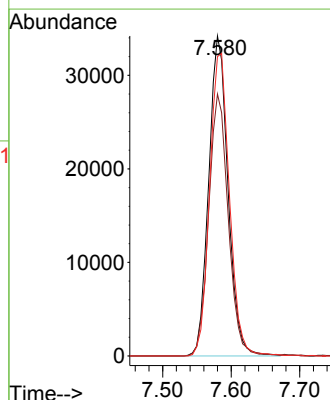
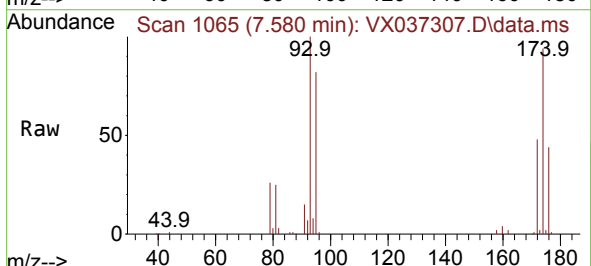
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 63 Resp: 86768  
Ion Ratio Lower Upper  
63 100  
65 31.1 24.3 36.5



#46  
Dibromomethane  
Concen: 57.865 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 93 Resp: 67117  
Ion Ratio Lower Upper  
93 100  
95 82.7 66.6 100.0  
174 97.2 69.4 104.0

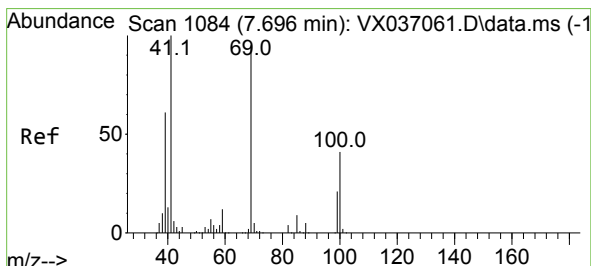
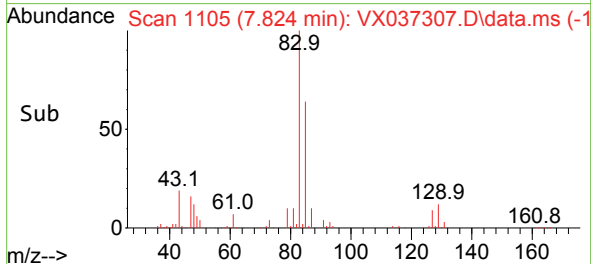
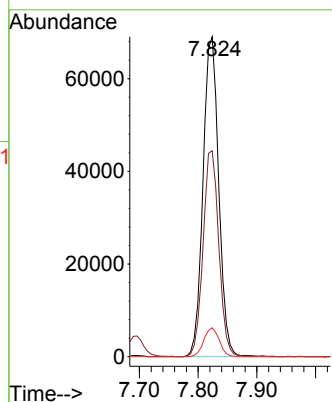
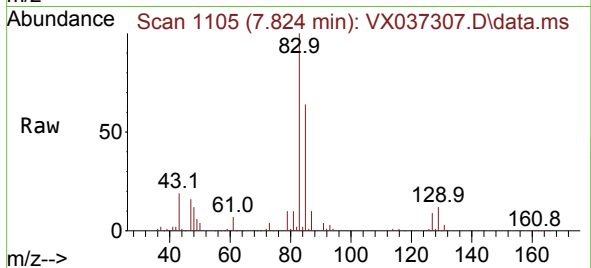




#47  
Bromodichloromethane  
Concen: 57.754 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

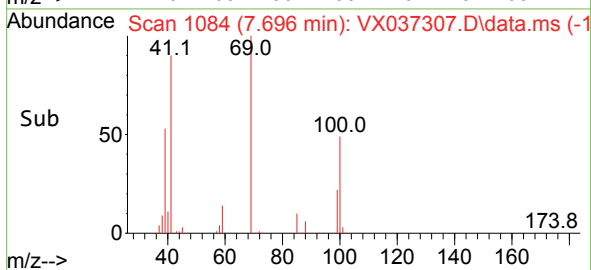
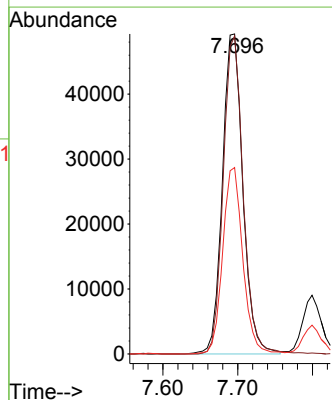
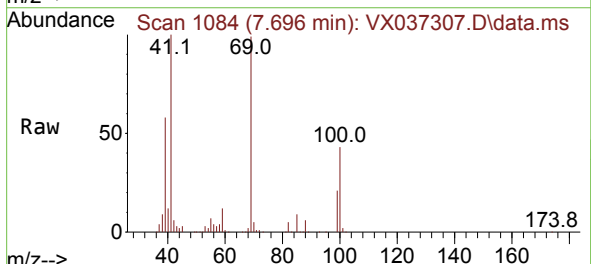
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

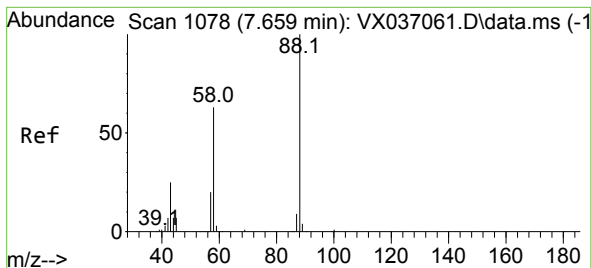
Tgt Ion: 83 Resp: 128308  
Ion Ratio Lower Upper  
83 100  
85 64.4 49.8 74.6  
127 9.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 56.928 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 41 Resp: 93744  
Ion Ratio Lower Upper  
41 100  
69 97.0 59.2 88.8#  
39 57.4 47.7 71.5





#49

1,4-Dioxane

Concen: 1251.564 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

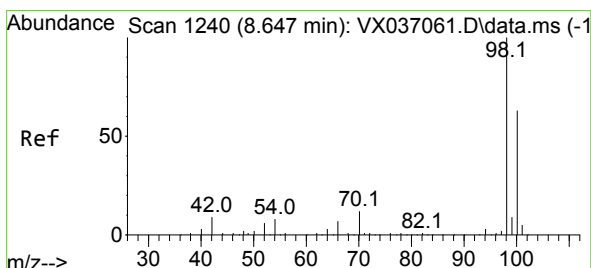
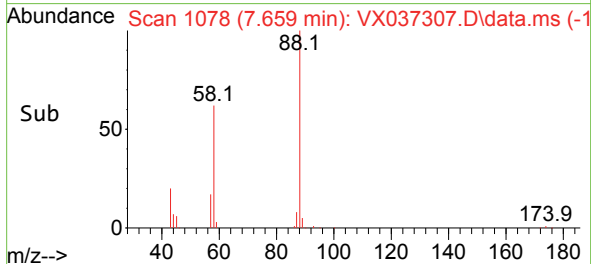
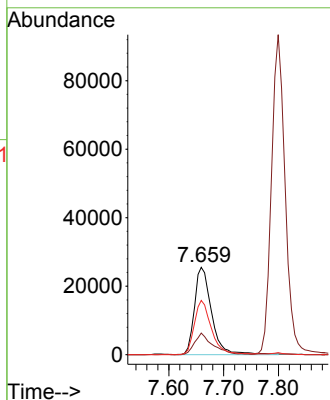
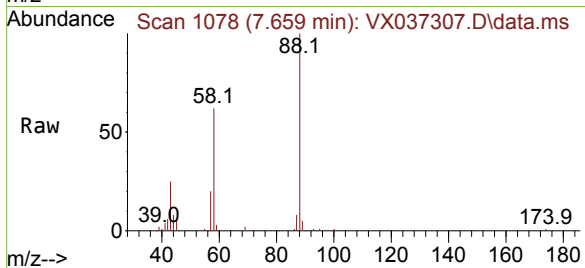
Tgt Ion: 88 Resp: 55505

Ion Ratio Lower Upper

88 100

43 26.5 0.0 0.0#

58 62.6 60.1 90.1



#50

Toluene-d8

Concen: 55.780 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037307.D

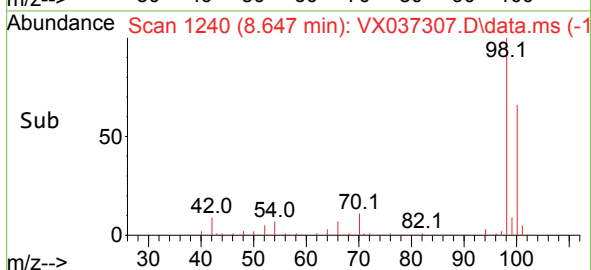
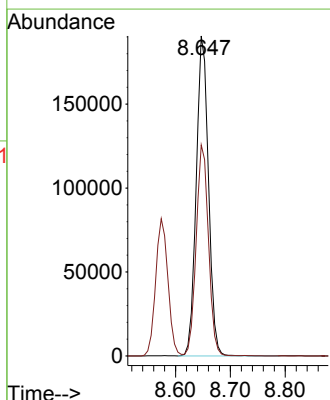
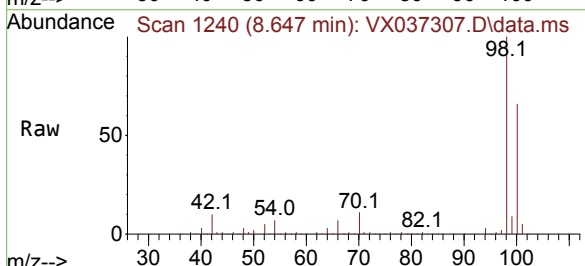
Acq: 28 Aug 2023 20:14

Tgt Ion: 98 Resp: 296518

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 293.288 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

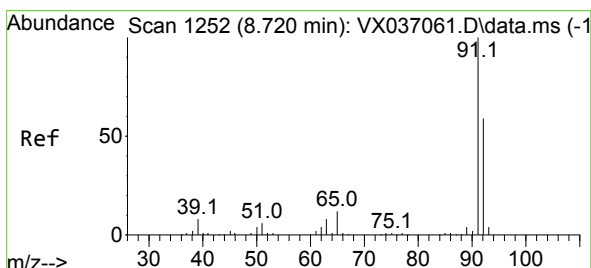
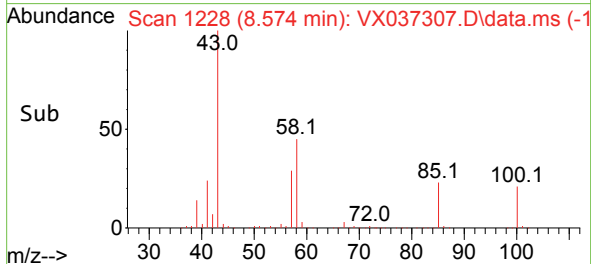
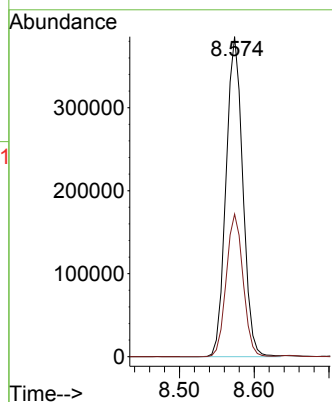
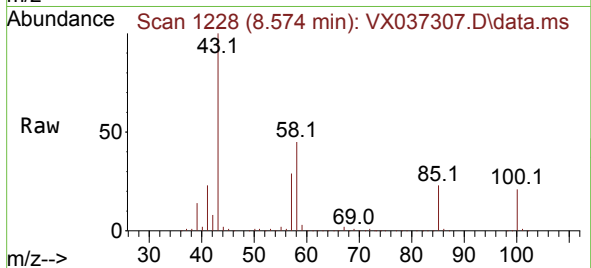
VSTDCCC050EC

Tgt Ion: 43 Resp: 601348

Ion Ratio Lower Upper

43 100

58 44.7 30.4 45.6



#52

Toluene

Concen: 57.816 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX037307.D

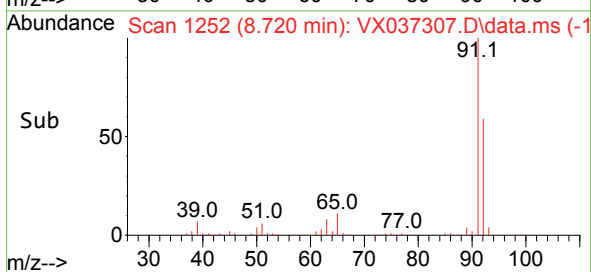
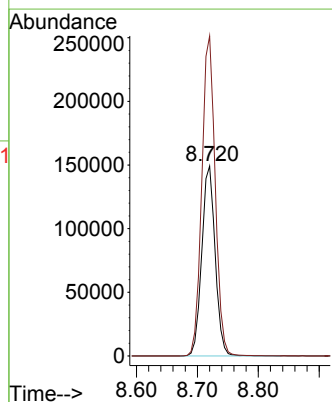
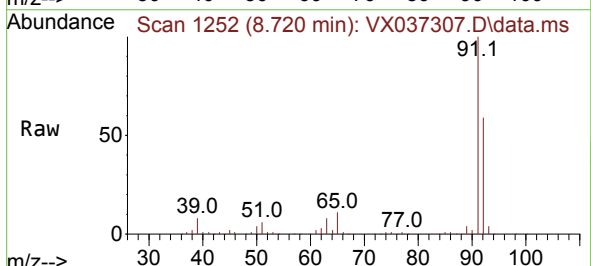
Acq: 28 Aug 2023 20:14

Tgt Ion: 92 Resp: 228106

Ion Ratio Lower Upper

92 100

91 169.0 134.2 201.2

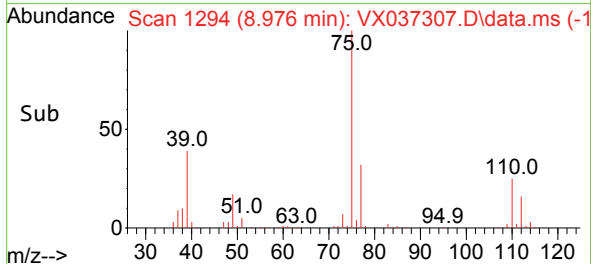
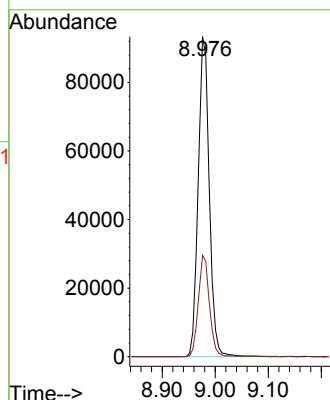
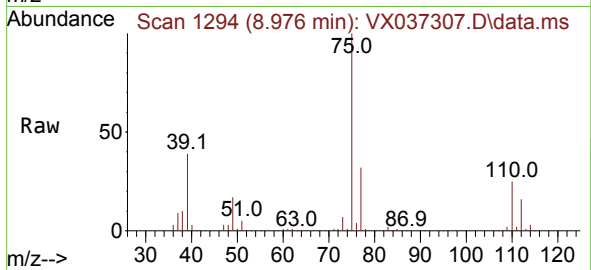




#53  
 t-1,3-Dichloropropene  
 Concen: 57.401 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

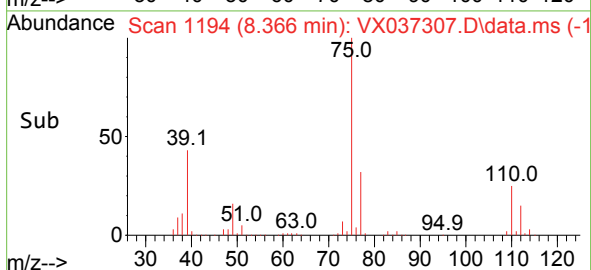
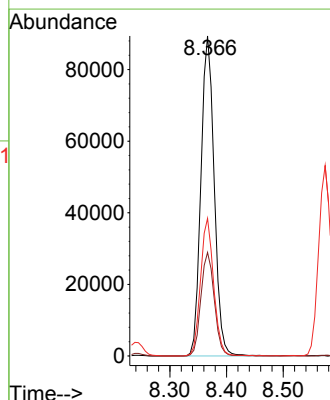
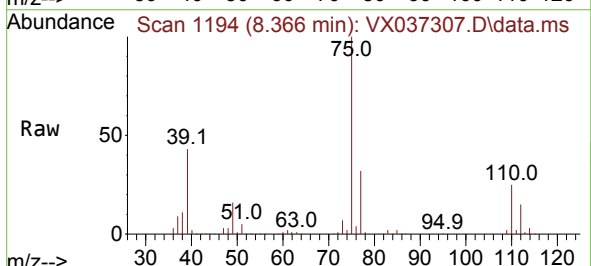
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

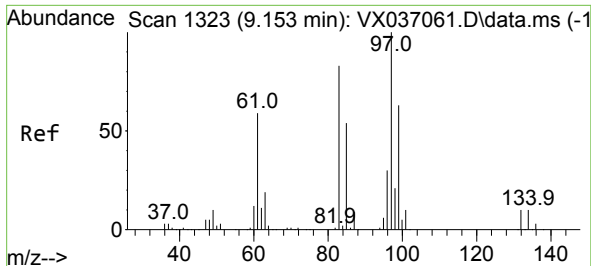
Tgt Ion: 75 Resp: 135782  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 56.989 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

Tgt Ion: 75 Resp: 145680  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 25.3 37.9  
 39 43.0 46.7 70.1#

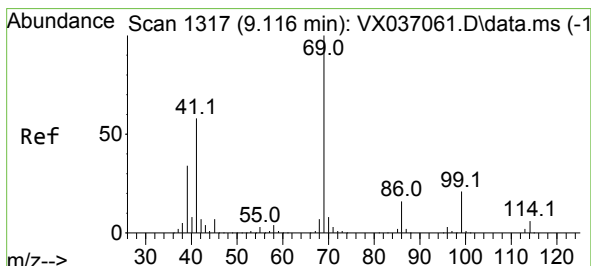
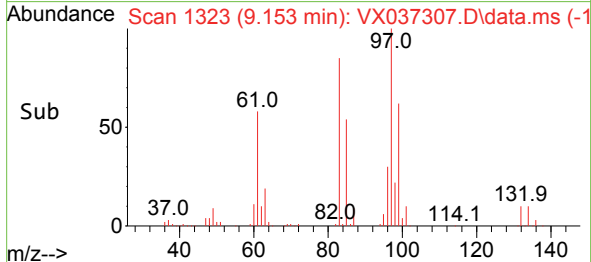
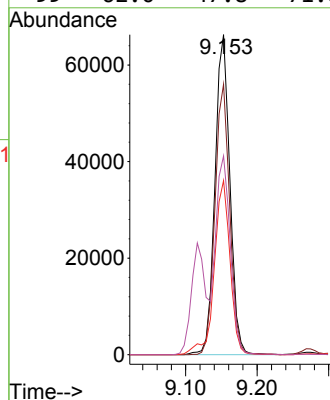
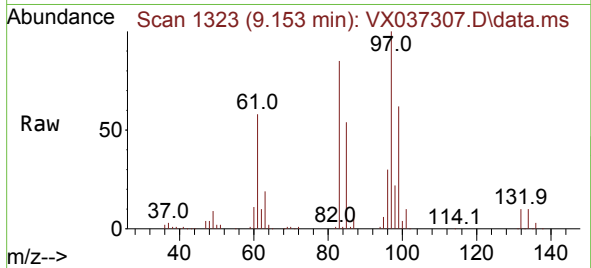




#55  
 1,1,2-Trichloroethane  
 Concen: 59.681 ug/l  
 RT: 9.153 min Scan# 1323  
 Delta R.T. 0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

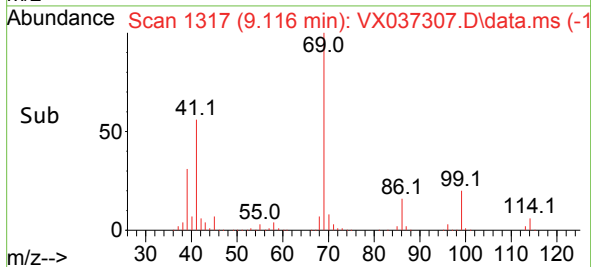
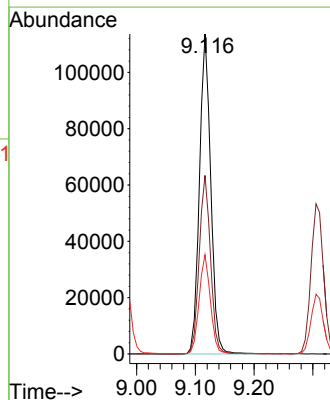
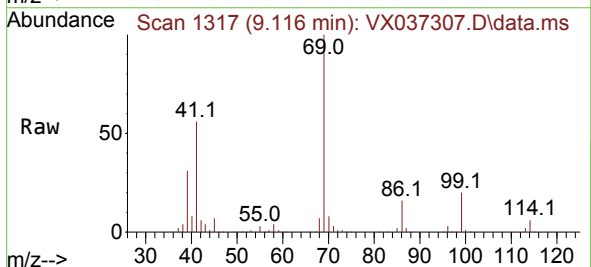
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

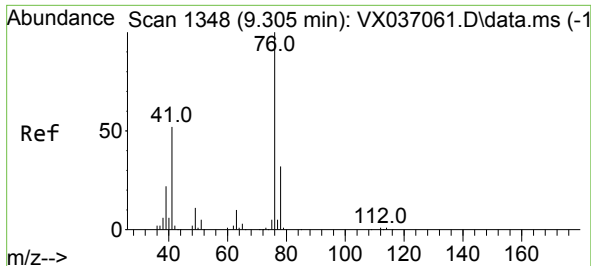
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 95881 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.5     | 65.8 98.8   |
| 85 54.4     | 41.6 62.4   |
| 99 62.0     | 47.8 71.8   |



#56  
 Ethyl methacrylate  
 Concen: 60.461 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 152145 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 56.1     | 56.8 85.2#   |
| 39 31.2     | 32.0 48.0#   |





#57

1,3-Dichloropropane

Concen: 58.796 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

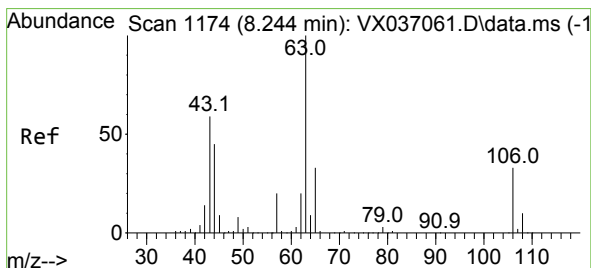
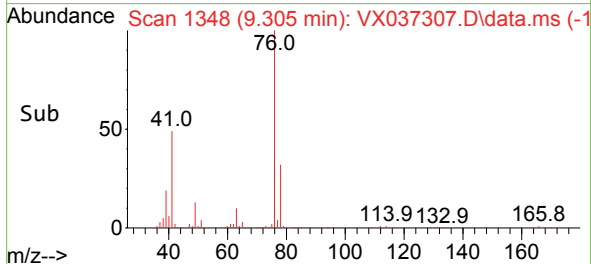
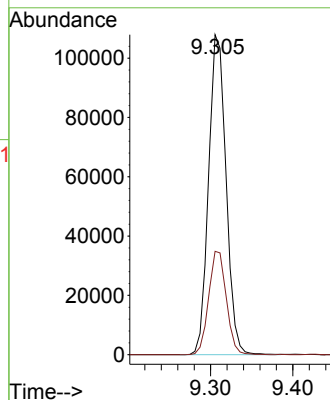
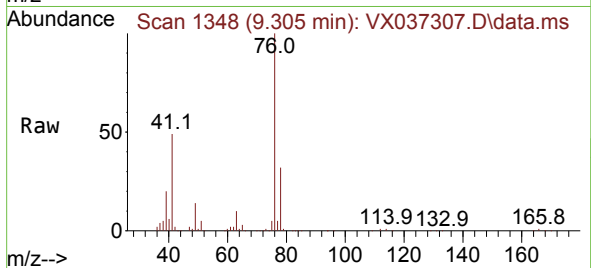
VSTDCCC050EC

Tgt Ion: 76 Resp: 159236

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 294.763 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037307.D

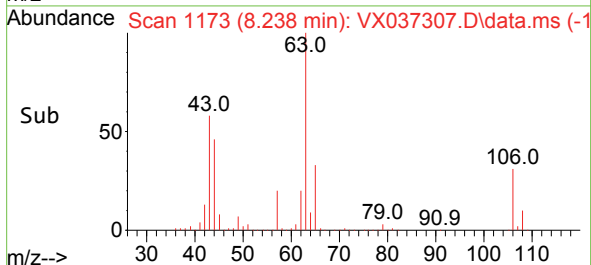
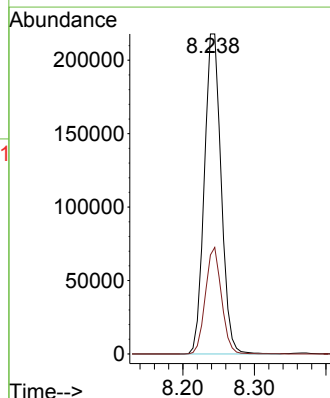
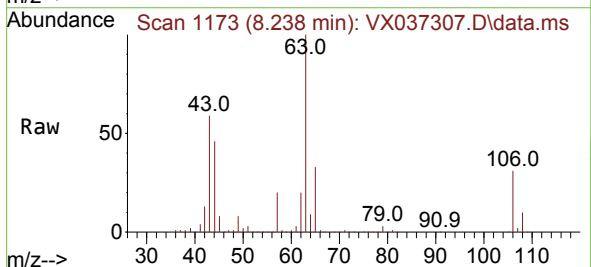
Acq: 28 Aug 2023 20:14

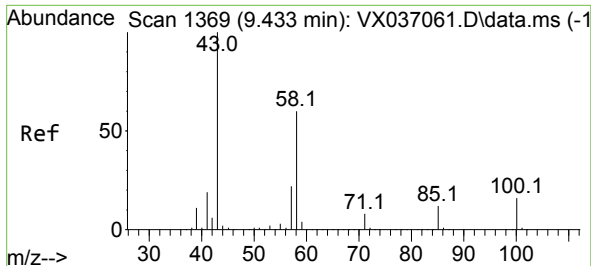
Tgt Ion: 63 Resp: 355960

Ion Ratio Lower Upper

63 100

106 31.9 22.5 33.7

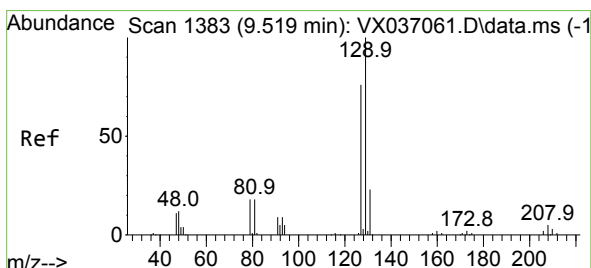
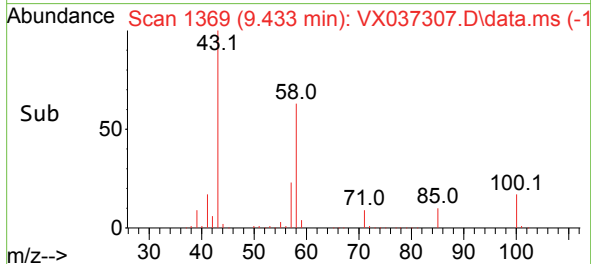
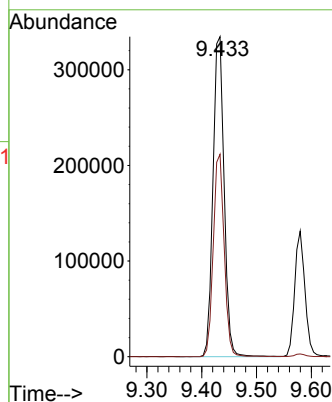
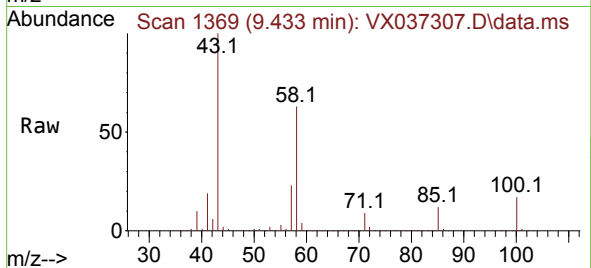




#59  
2-Hexanone  
Concen: 300.027 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

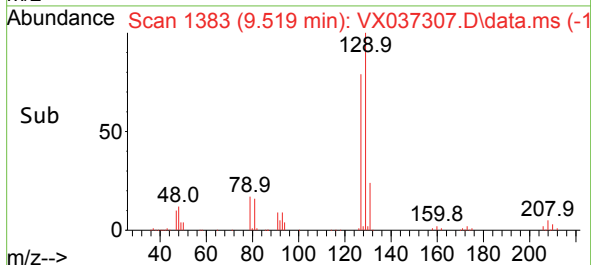
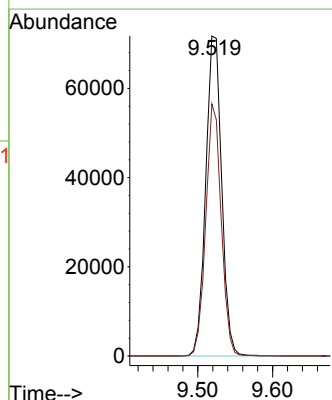
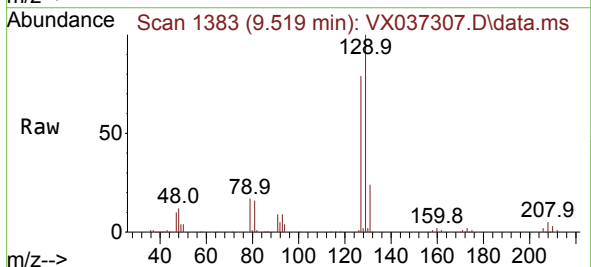
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

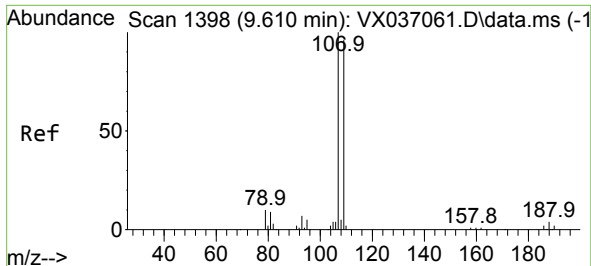
Tgt Ion: 43 Resp: 469049  
Ion Ratio Lower Upper  
43 100  
58 62.1 26.2 78.5



#60  
Dibromochloromethane  
Concen: 62.005 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 129 Resp: 106059  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.8 116.4

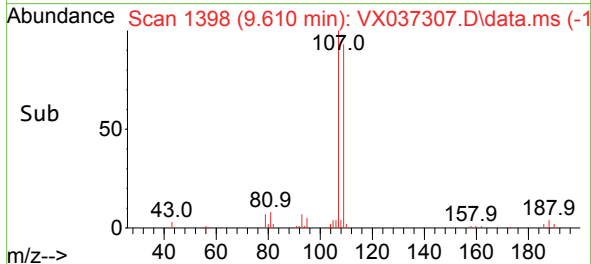
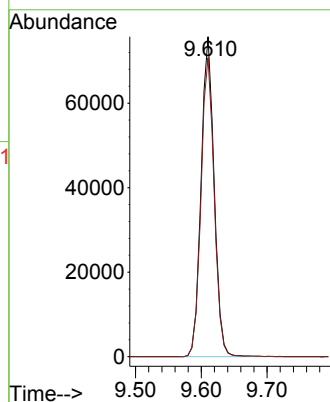
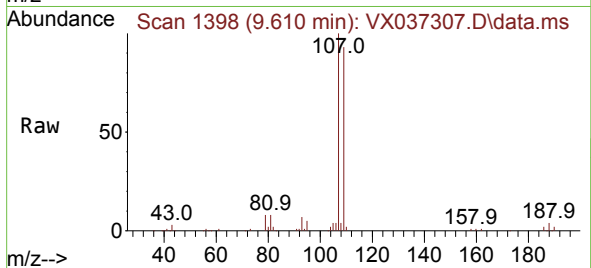




#61  
1,2-Dibromoethane  
Concen: 59.375 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

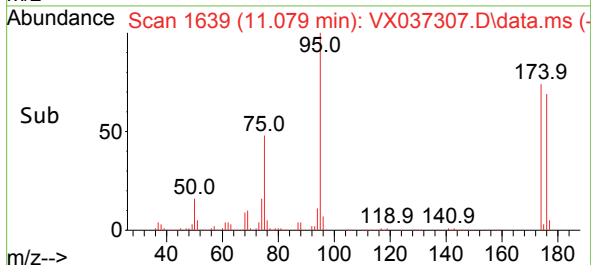
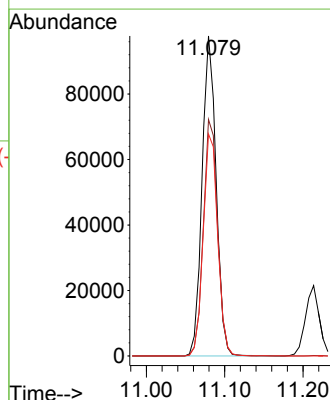
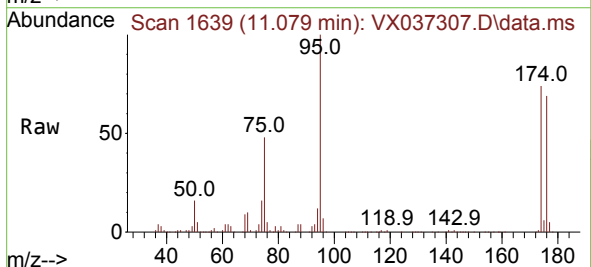
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

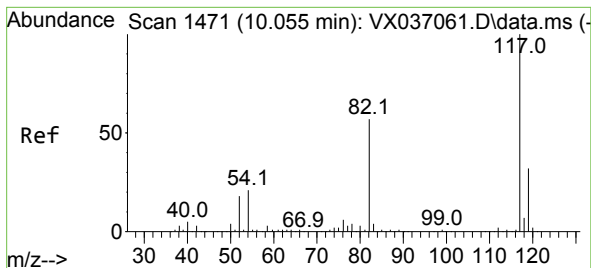
Tgt Ion:107 Resp: 104439  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 58.143 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 95 Resp: 121464  
Ion Ratio Lower Upper  
95 100  
174 75.0 0.0 135.6  
176 71.5 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: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

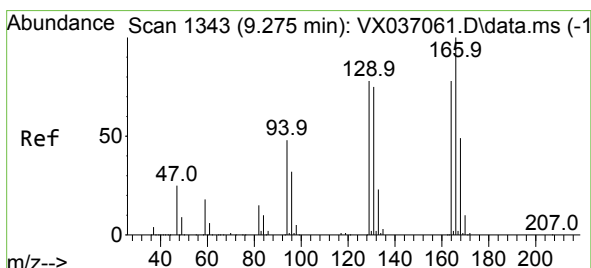
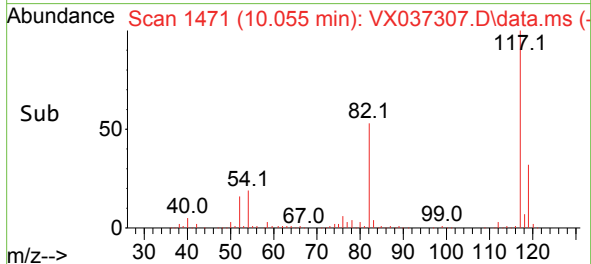
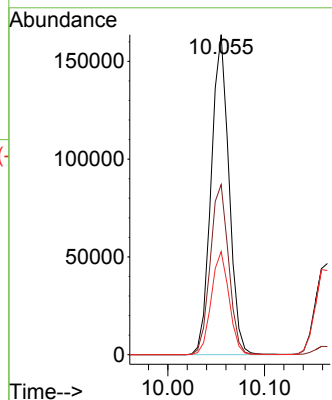
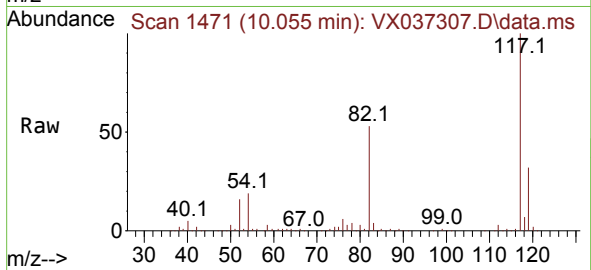
Tgt Ion:117 Resp: 209656

Ion Ratio Lower Upper

117 100

82 53.2 46.2 69.4

119 32.2 25.5 38.3



#64

Tetrachloroethene

Concen: 48.265 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Tgt Ion:164 Resp: 73820

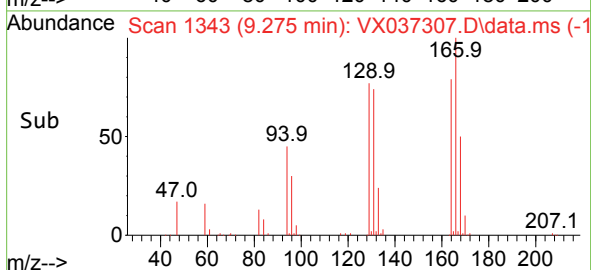
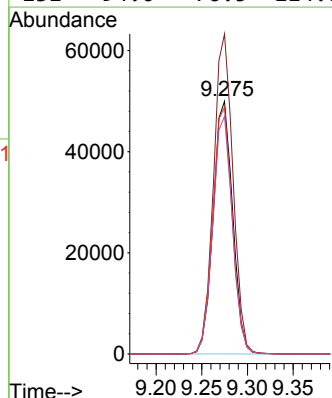
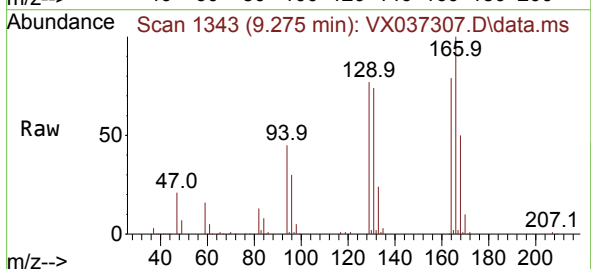
Ion Ratio Lower Upper

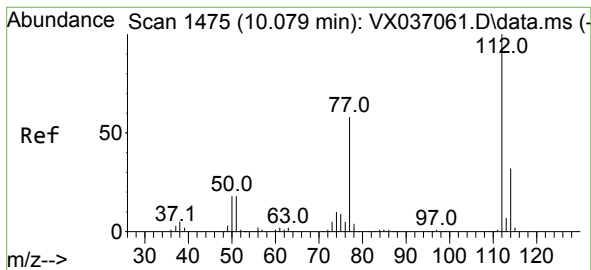
164 100

166 126.6 102.7 154.1

129 97.6 80.4 120.6

131 94.0 76.5 114.7

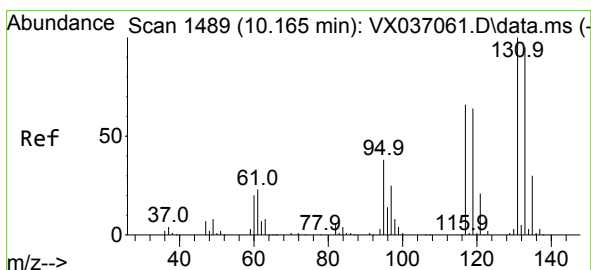
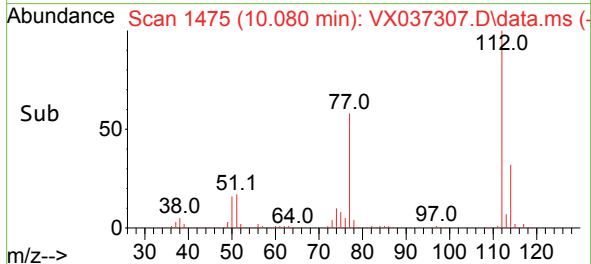
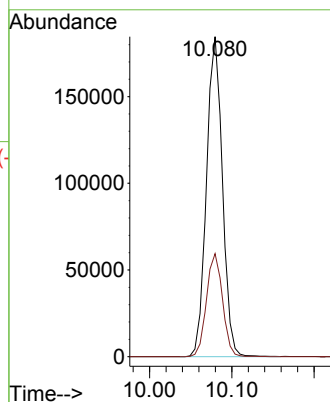
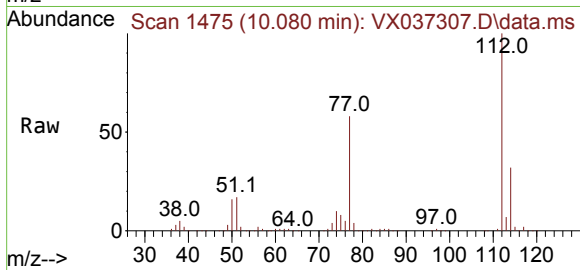




#65  
Chlorobenzene  
Concen: 56.031 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

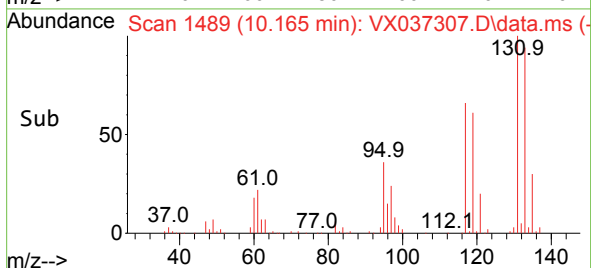
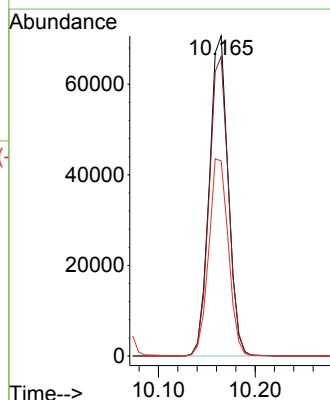
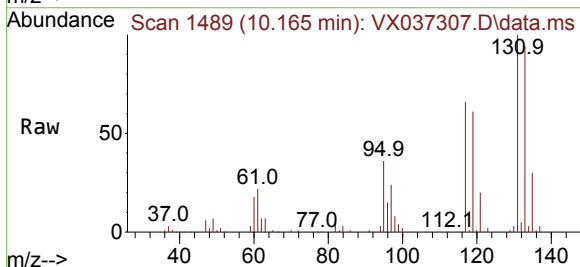
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

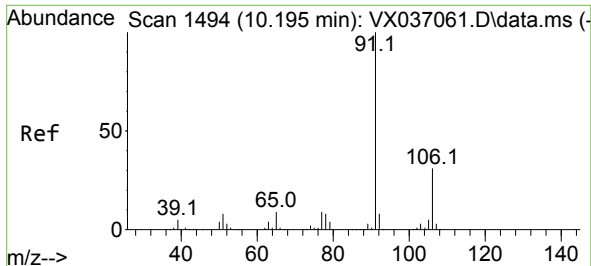
Tgt Ion:112 Resp: 248282  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 58.604 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion:131 Resp: 95843  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.1 141.4  
119 64.0 32.2 96.6





#67

Ethyl Benzene

Concen: 55.894 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

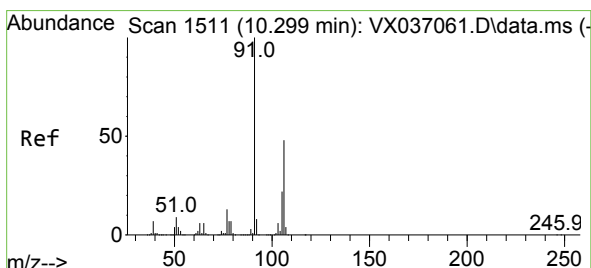
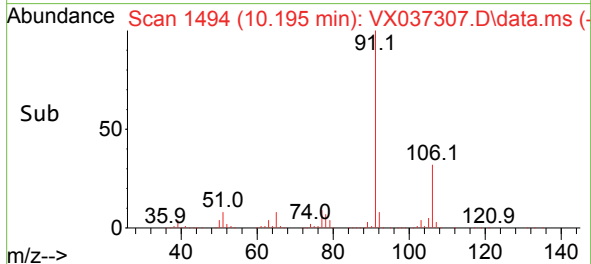
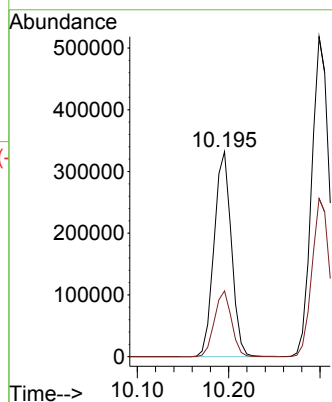
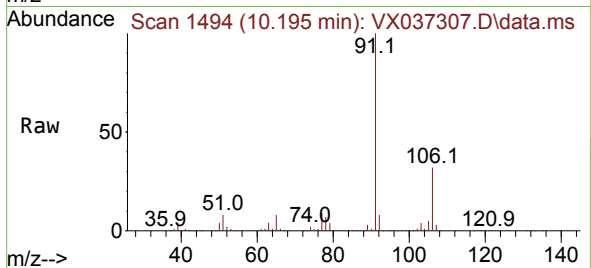
VSTDCCC050EC

Tgt Ion: 91 Resp: 435810

Ion Ratio Lower Upper

91 100

106 32.1 24.9 37.3



#68

m/p-Xylenes

Concen: 114.463 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037307.D

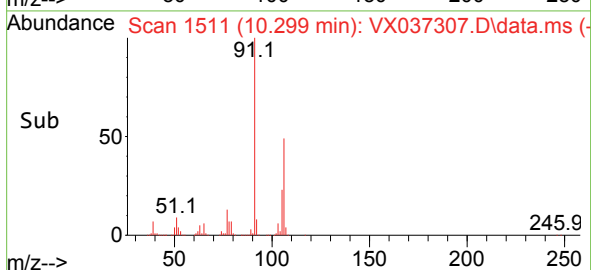
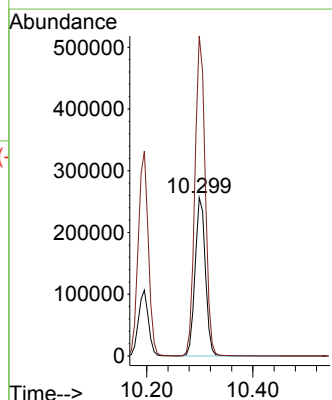
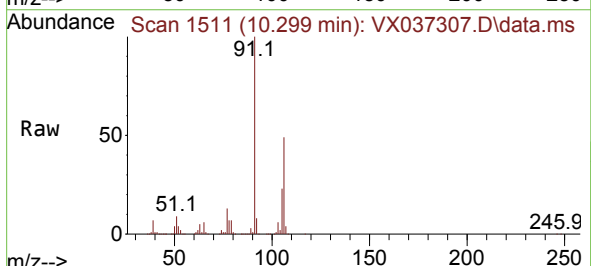
Acq: 28 Aug 2023 20:14

Tgt Ion: 106 Resp: 344654

Ion Ratio Lower Upper

106 100

91 201.9 165.5 248.3





#69

o-Xylene

Concen: 58.241 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

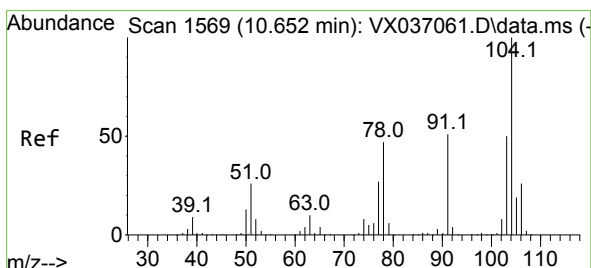
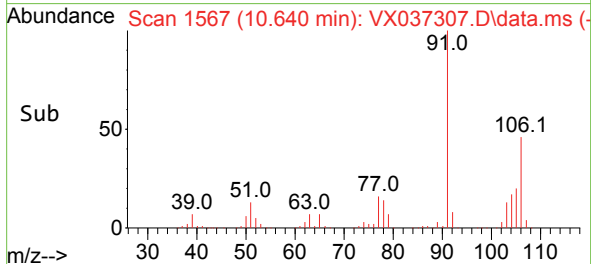
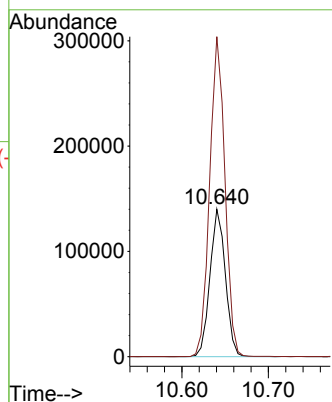
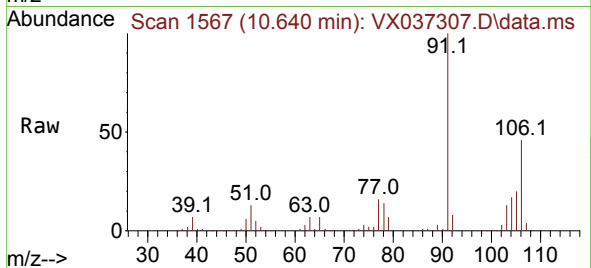
VSTDCCC050EC

Tgt Ion:106 Resp: 173020

Ion Ratio Lower Upper

106 100

91 215.2 108.9 326.8



#70

Styrene

Concen: 58.883 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

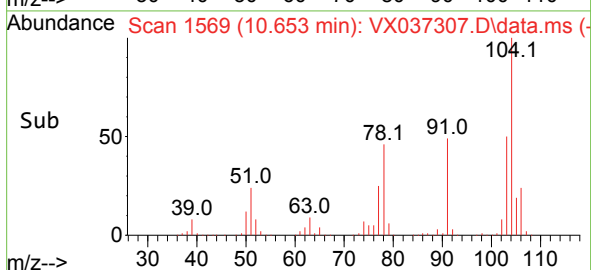
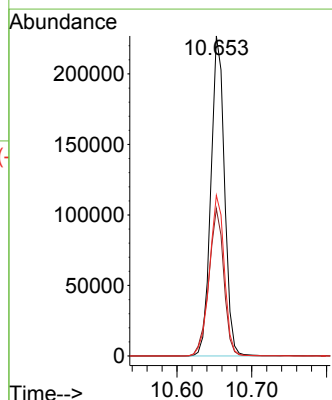
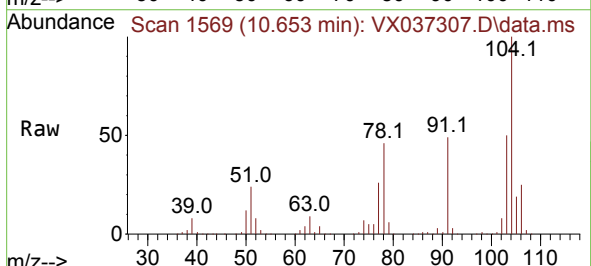
Tgt Ion:104 Resp: 288146

Ion Ratio Lower Upper

104 100

78 50.4 43.6 65.4

103 54.9 43.6 65.4





#71

Bromoform

Concen: 63.268 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

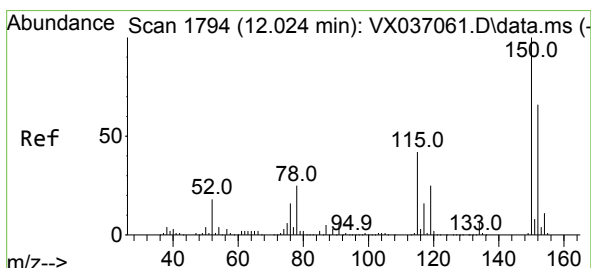
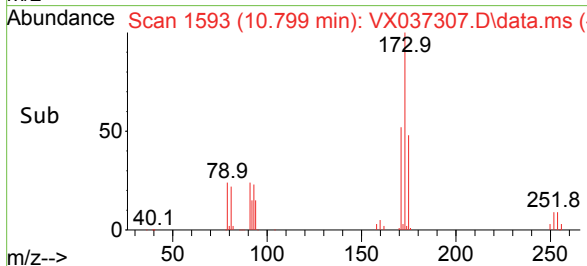
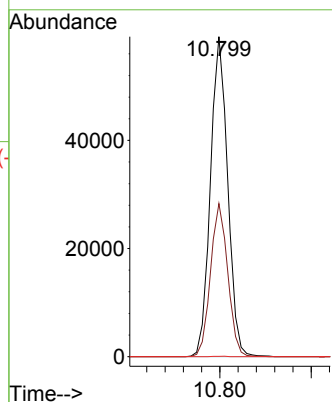
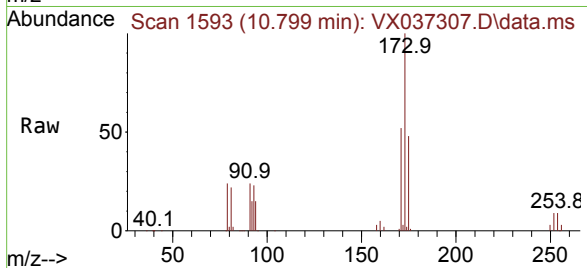
Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 77398     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 47.9  | 24.1 72.4 |
| 254         | 0.1   | 0.0 0.0#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

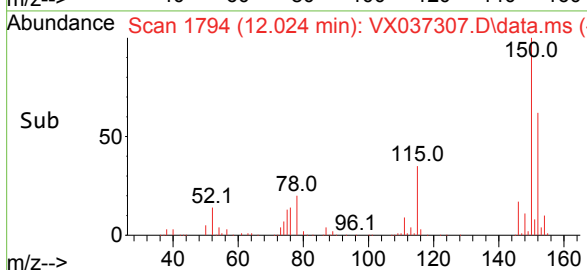
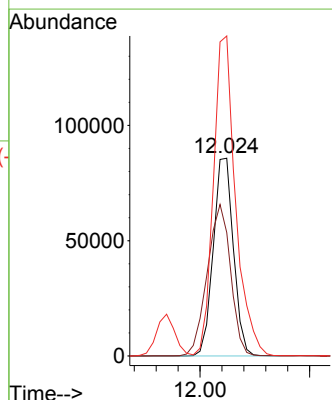
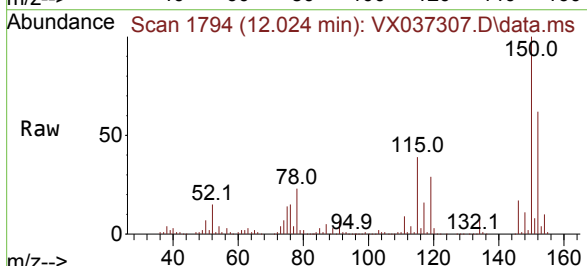
RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 109682     |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 88.9  | 43.3 129.9 |
| 150         | 177.9 | 0.0 345.0  |

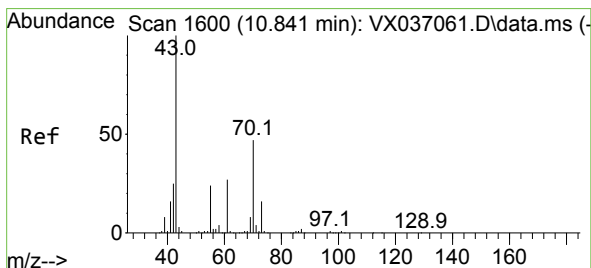
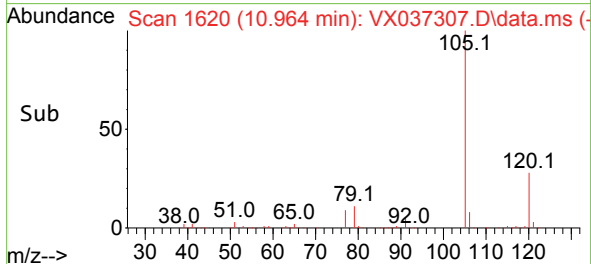
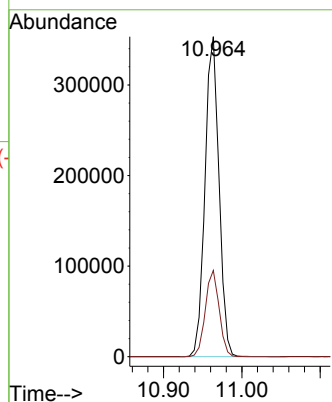
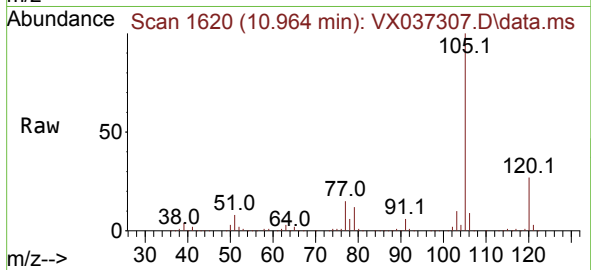




#73  
Isopropylbenzene  
Concen: 54.817 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

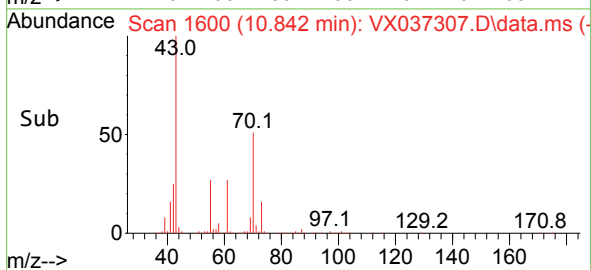
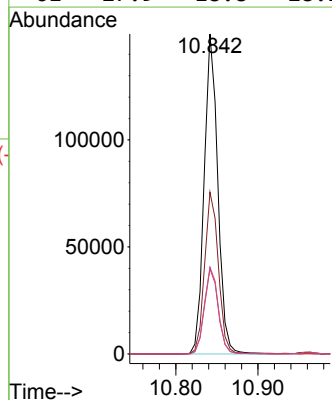
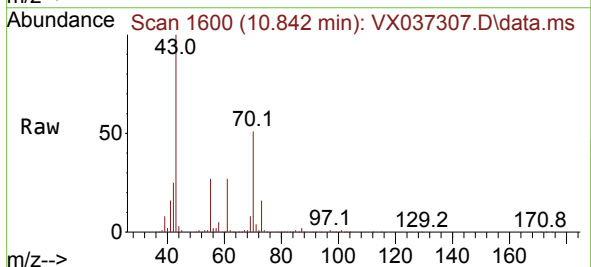
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:105 Resp: 437014  
Ion Ratio Lower Upper  
105 100  
120 26.6 12.9 38.6



#74  
N-ethyl acetate  
Concen: 55.597 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 43 Resp: 172224  
Ion Ratio Lower Upper  
43 100  
70 51.4 32.9 49.3#  
55 27.1 19.3 28.9  
61 27.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 58.541 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

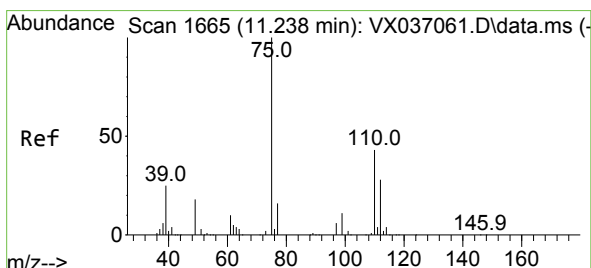
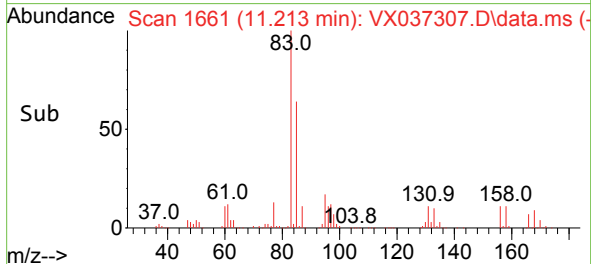
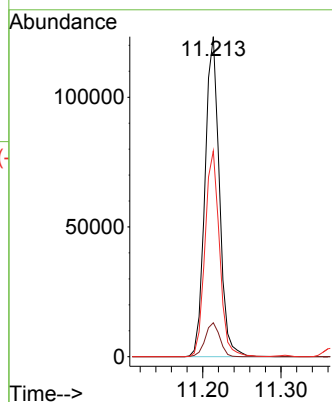
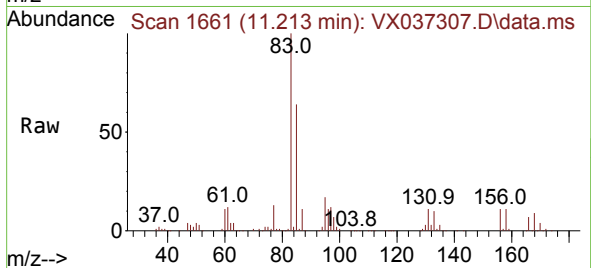
Tgt Ion: 83 Resp: 157174

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.8

85 64.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 72.775 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037307.D

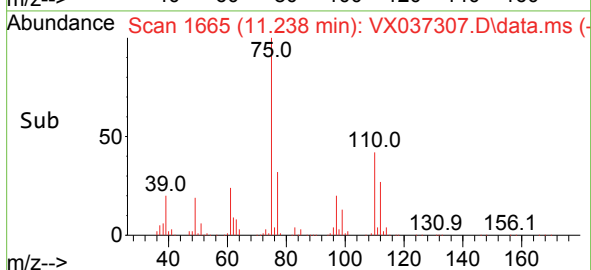
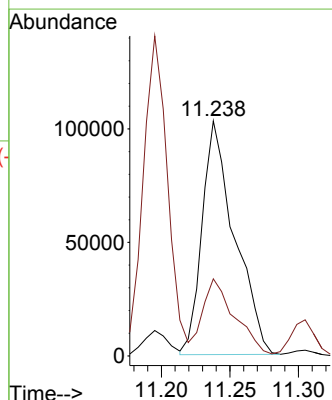
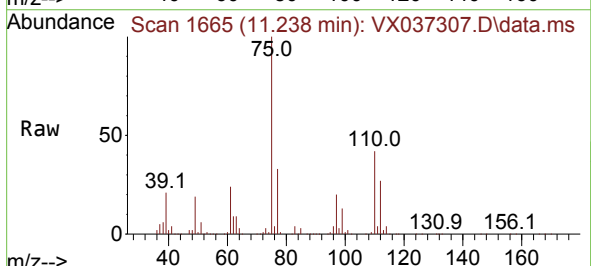
Acq: 28 Aug 2023 20:14

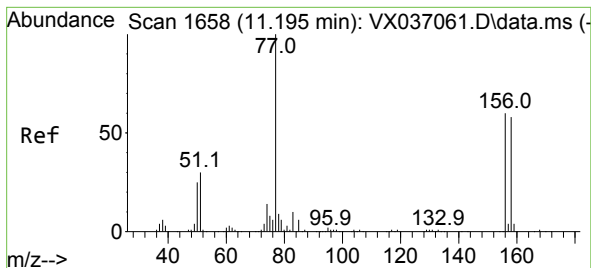
Tgt Ion: 75 Resp: 169992

Ion Ratio Lower Upper

75 100

77 32.9 19.1 57.5





#77

Bromobenzene

Concen: 56.536 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

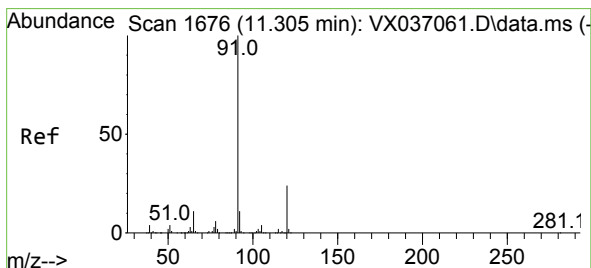
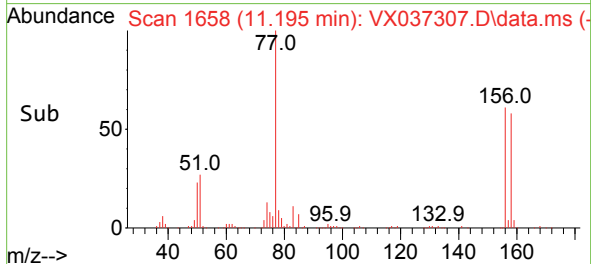
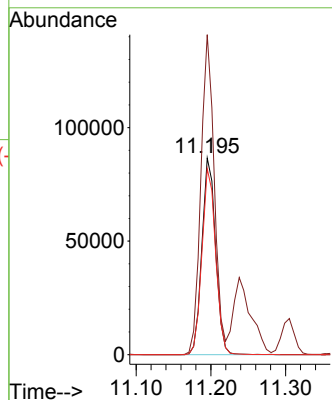
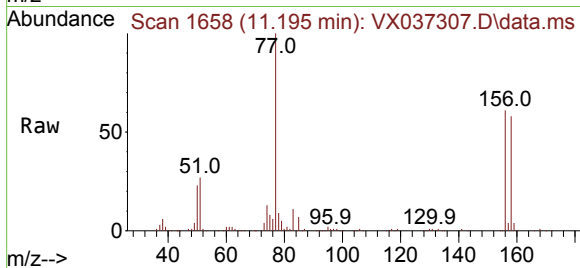
Tgt Ion:156 Resp: 110078

Ion Ratio Lower Upper

156 100

77 159.3 88.4 265.3

158 94.9 48.0 144.0



#78

n-propylbenzene

Concen: 55.597 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037307.D

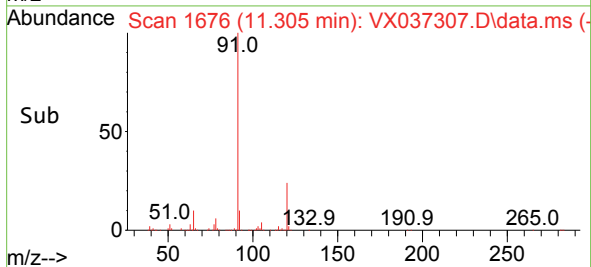
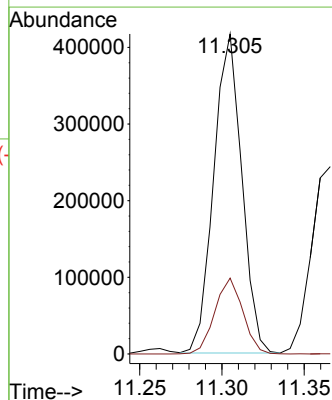
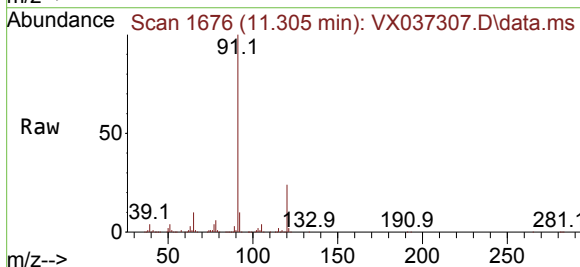
Acq: 28 Aug 2023 20:14

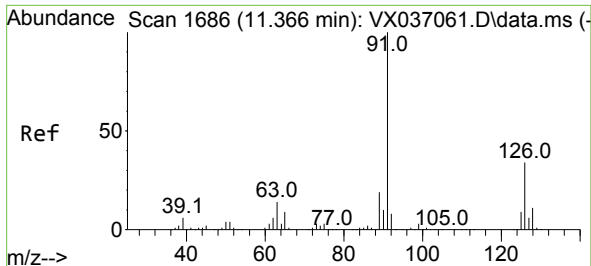
Tgt Ion: 91 Resp: 493547

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 55.056 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

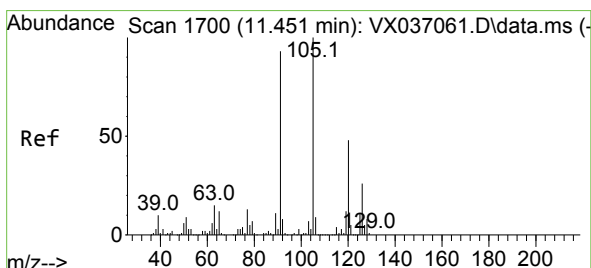
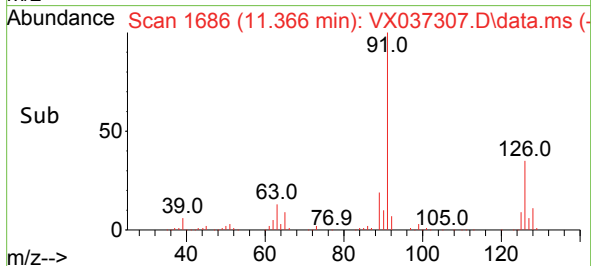
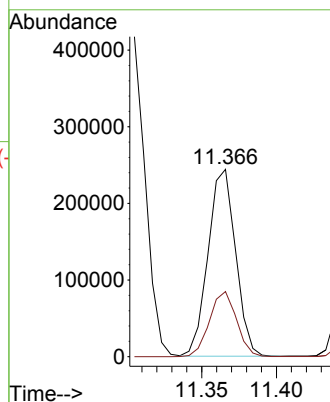
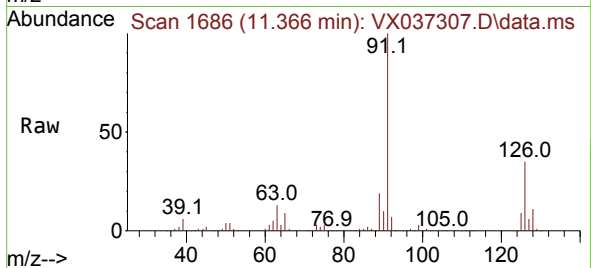
VSTDCCC050EC

Tgt Ion: 91 Resp: 312330

Ion Ratio Lower Upper

91 100

126 34.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 57.524 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037307.D

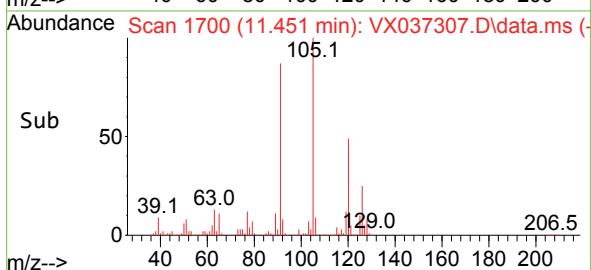
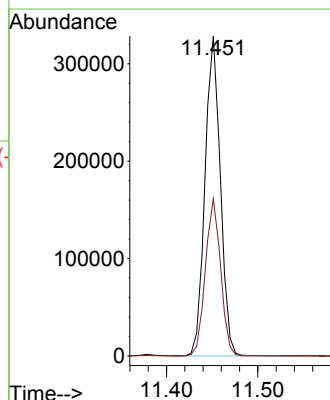
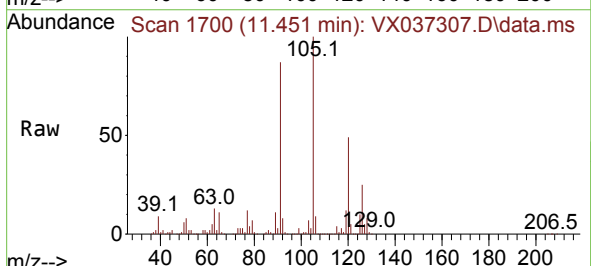
Acq: 28 Aug 2023 20:14

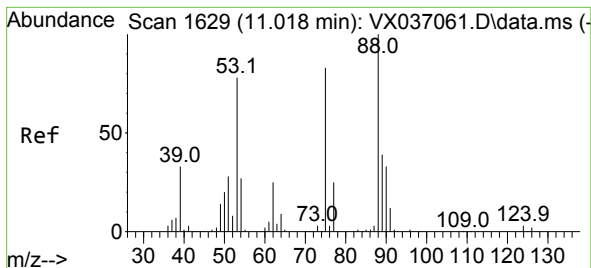
Tgt Ion: 105 Resp: 382551

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3

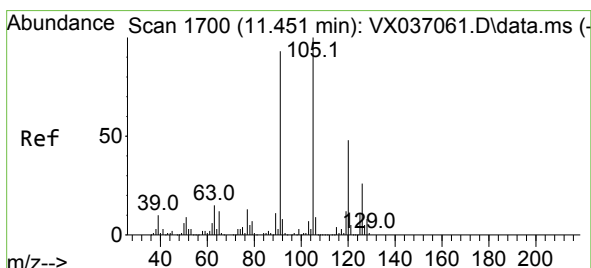
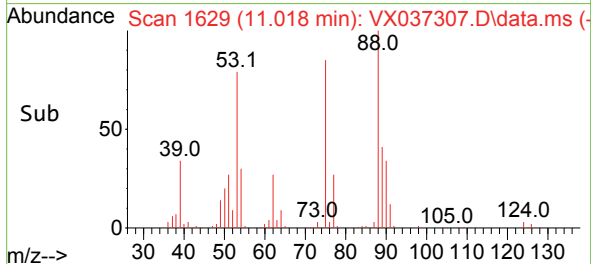
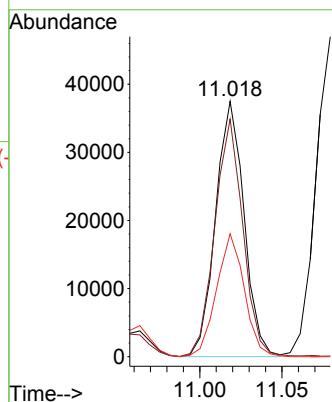
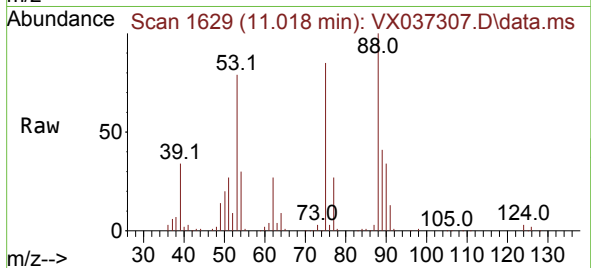




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.962 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

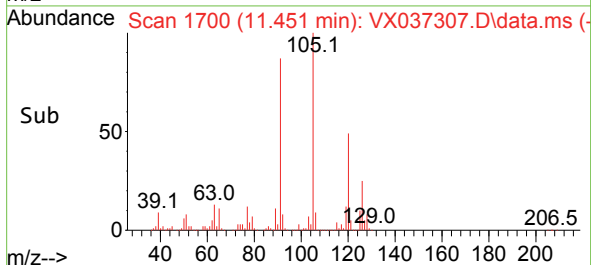
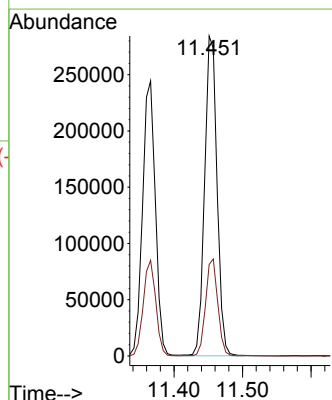
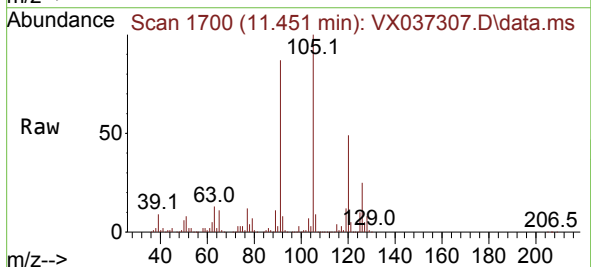
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

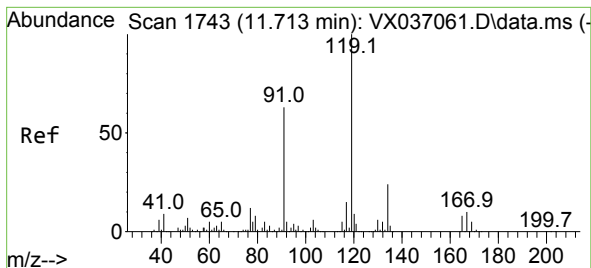
Tgt Ion: 75 Resp: 45129  
Ion Ratio Lower Upper  
75 100  
53 92.1 90.5 135.7  
89 47.0 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 54.781 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion: 91 Resp: 358733  
Ion Ratio Lower Upper  
91 100  
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 59.599 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

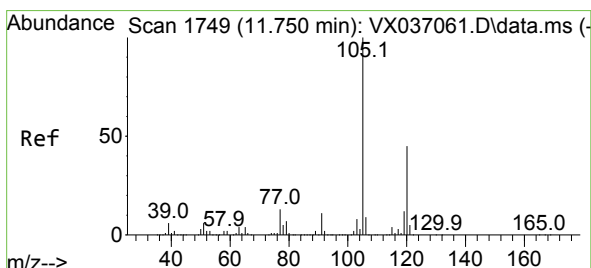
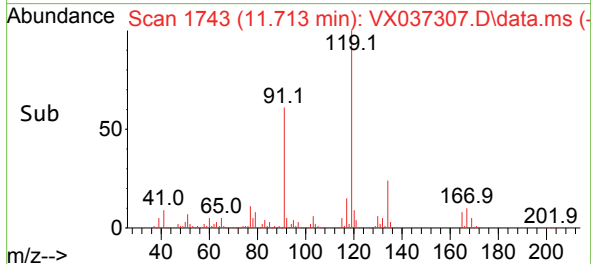
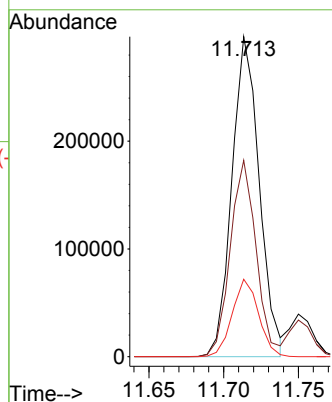
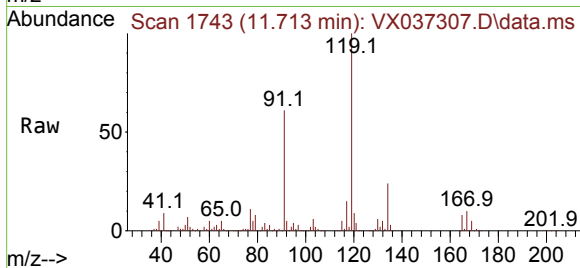
Tgt Ion:119 Resp: 377993

Ion Ratio Lower Upper

119 100

91 58.1 31.2 93.6

134 23.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 57.646 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037307.D

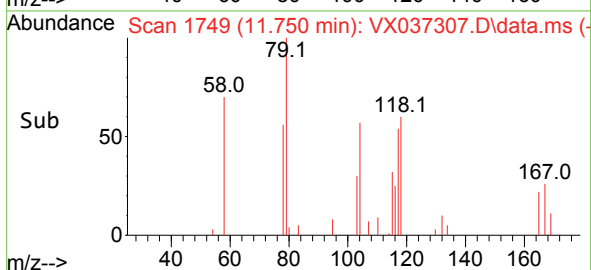
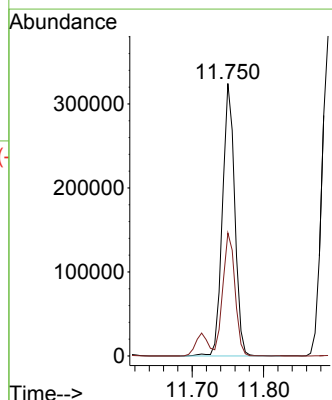
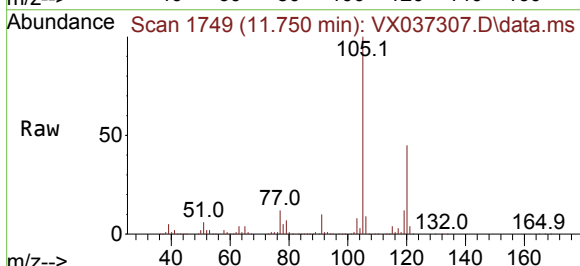
Acq: 28 Aug 2023 20:14

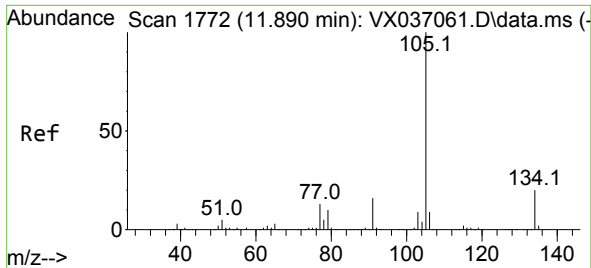
Tgt Ion:105 Resp: 387444

Ion Ratio Lower Upper

105 100

120 44.4 21.2 63.6

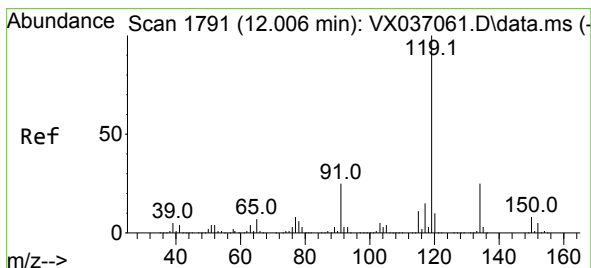
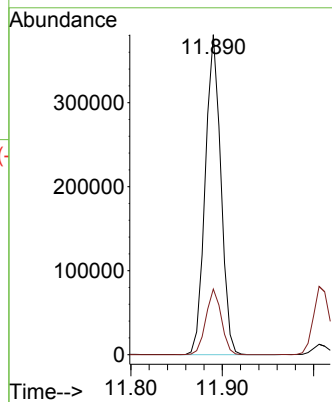
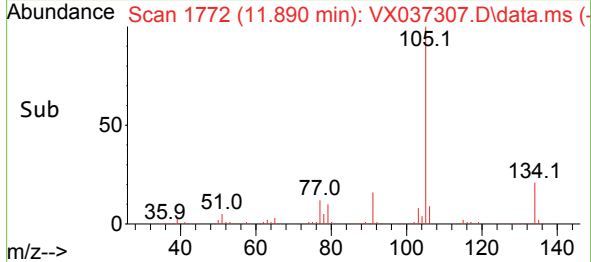
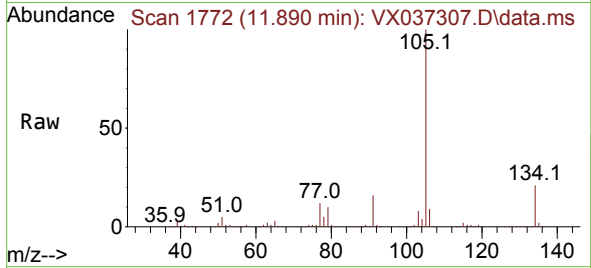




#85  
 sec-Butylbenzene  
 Concen: 60.669 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

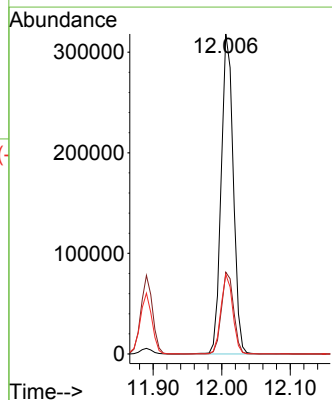
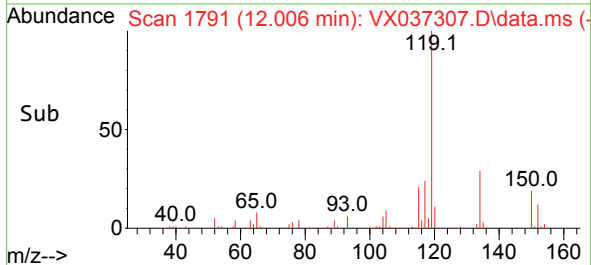
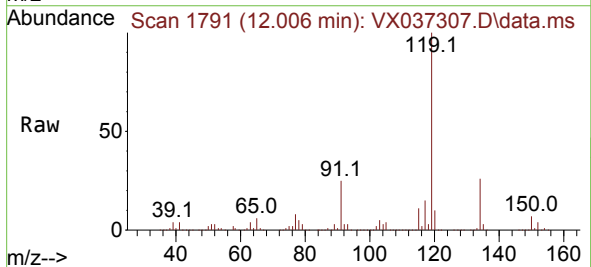
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

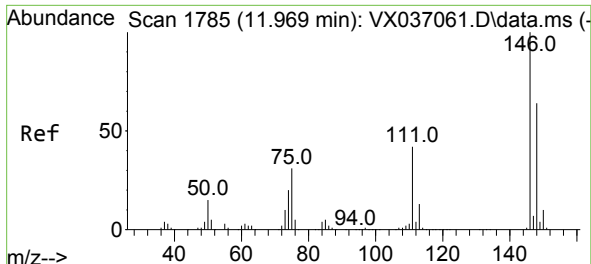
Tgt Ion:105 Resp: 449442  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 60.737 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

Tgt Ion:119 Resp: 387334  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.8 38.3  
 91 24.2 13.1 39.3

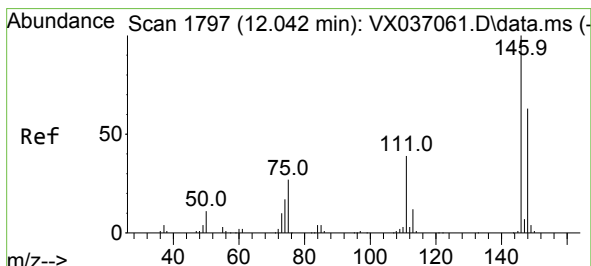
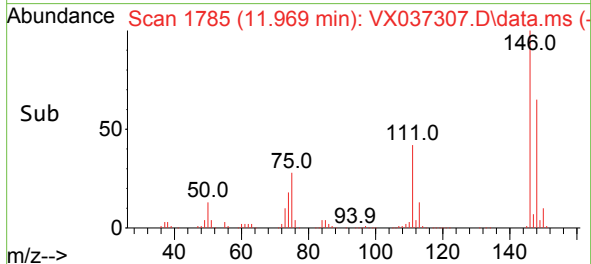
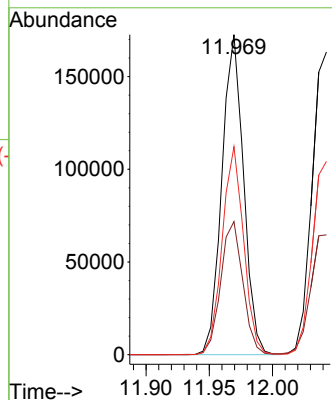
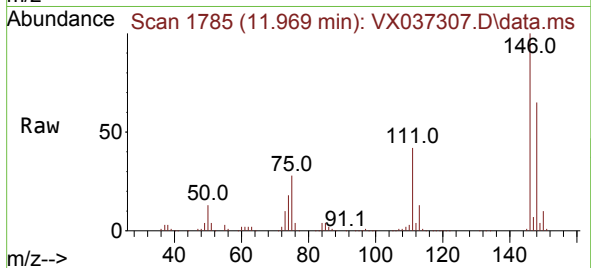




#87  
1,3-Dichlorobenzene  
Concen: 56.419 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

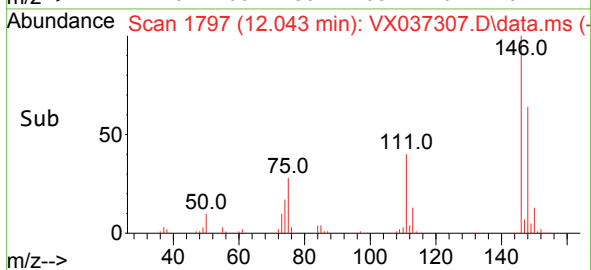
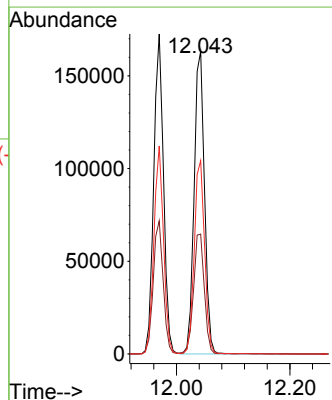
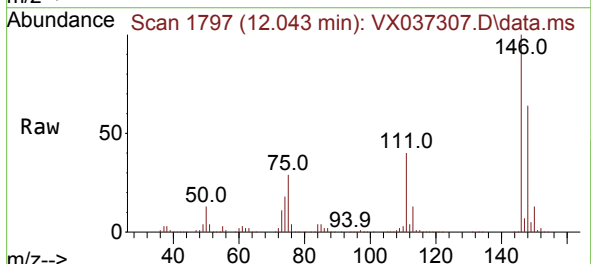
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 205661  
Ion Ratio Lower Upper  
146 100  
111 42.6 22.1 66.1  
148 64.1 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 55.183 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX037307.D  
Acq: 28 Aug 2023 20:14

Tgt Ion:146 Resp: 207828  
Ion Ratio Lower Upper  
146 100  
111 41.2 21.3 63.7  
148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 59.558 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

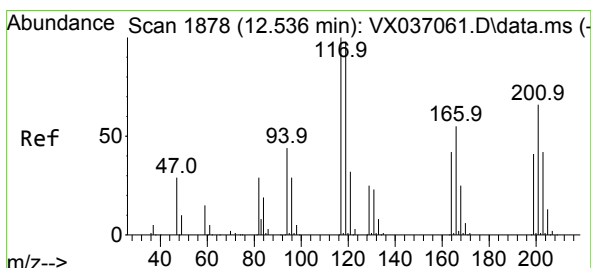
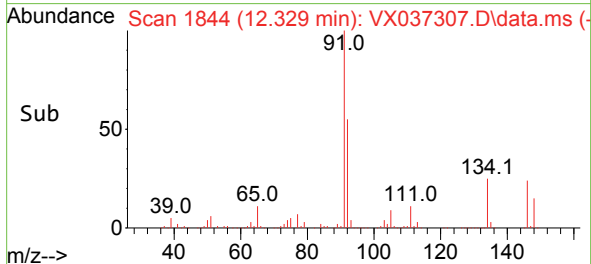
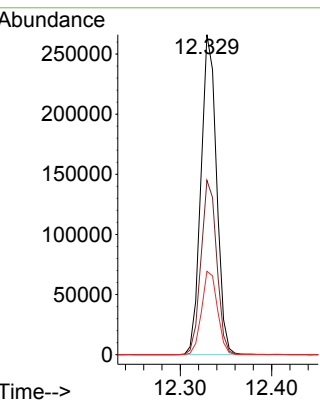
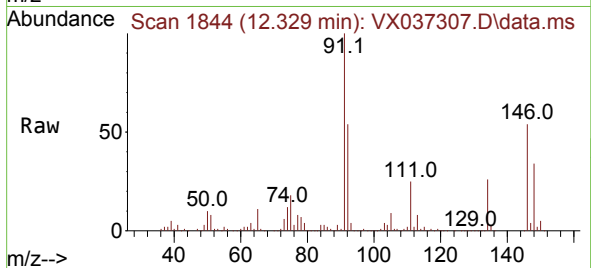
Tgt Ion: 91 Resp: 314898

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.0

134 26.5 12.6 37.8



#90

Hexachloroethane

Concen: 66.460 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037307.D

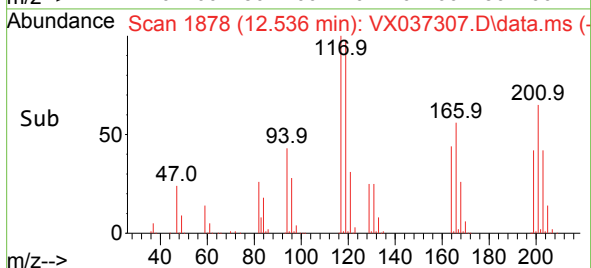
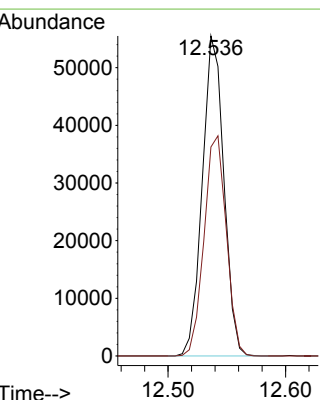
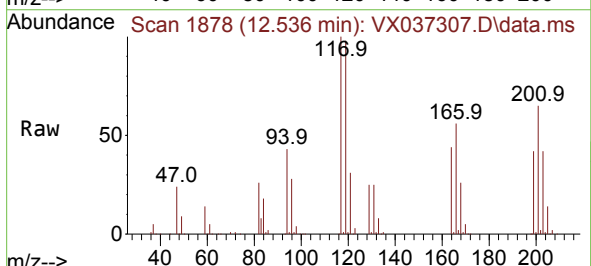
Acq: 28 Aug 2023 20:14

Tgt Ion: 117 Resp: 70741

Ion Ratio Lower Upper

117 100

201 71.1 32.9 98.6

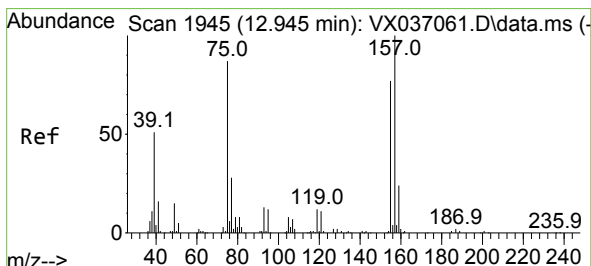
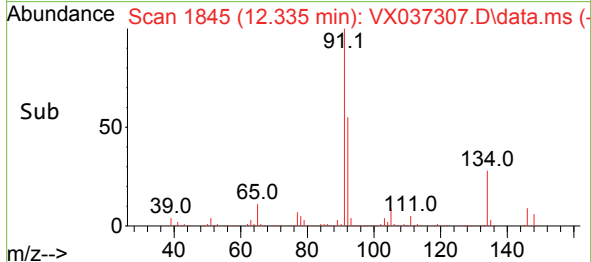
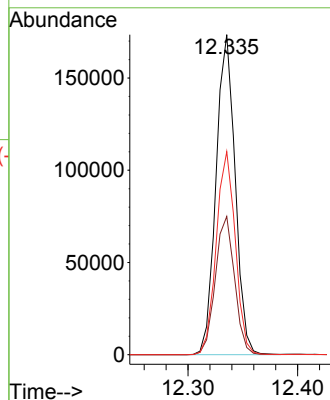
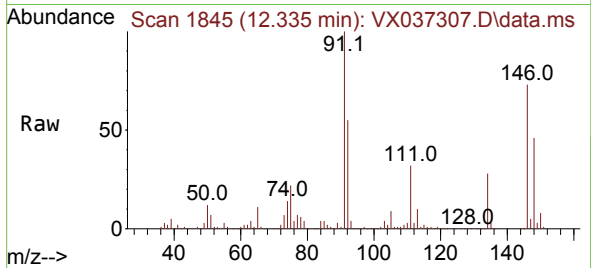




#91  
 1,2-Dichlorobenzene  
 Concen: 58.925 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

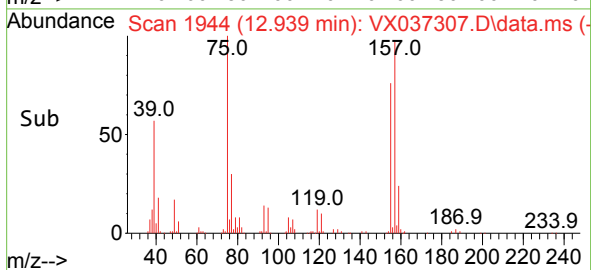
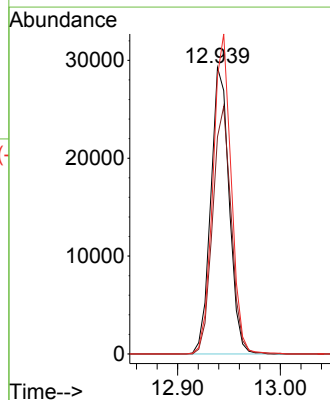
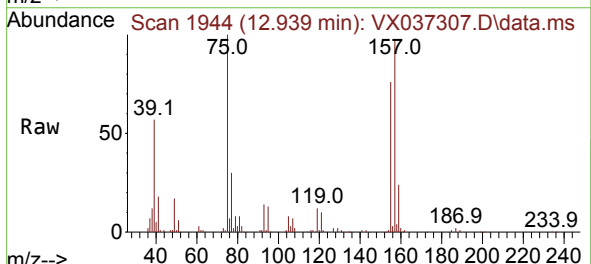
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 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

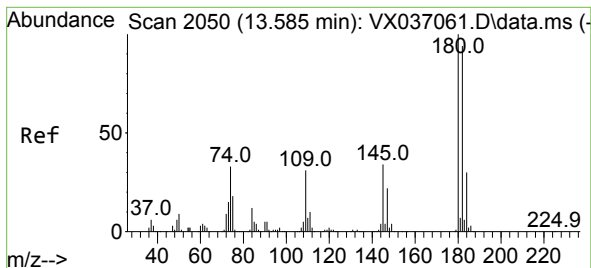
Tgt Ion:146 Resp: 210332  
 Ion Ratio Lower Upper  
 146 100  
 111 43.7 22.4 67.0  
 148 63.3 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 58.463 ug/l  
 RT: 12.939 min Scan# 1944  
 Delta R.T. -0.006 min  
 Lab File: VX037307.D  
 Acq: 28 Aug 2023 20:14

Tgt Ion: 75 Resp: 36472  
 Ion Ratio Lower Upper  
 75 100  
 155 86.6 36.1 108.5  
 157 110.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 59.169 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

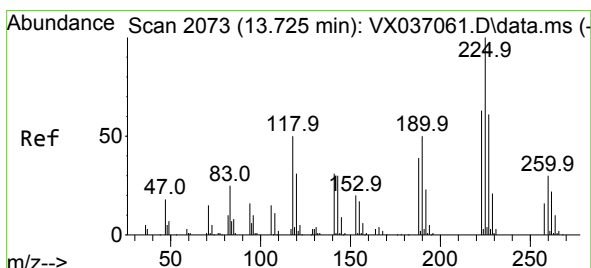
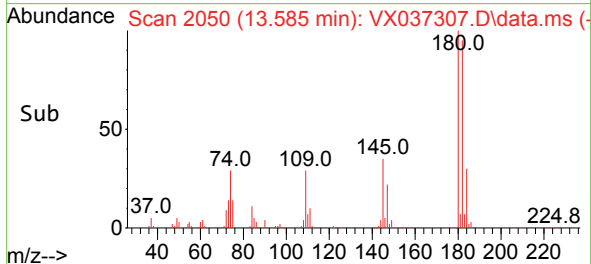
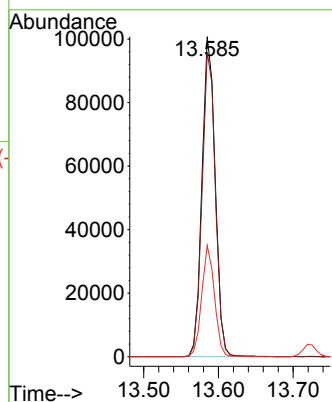
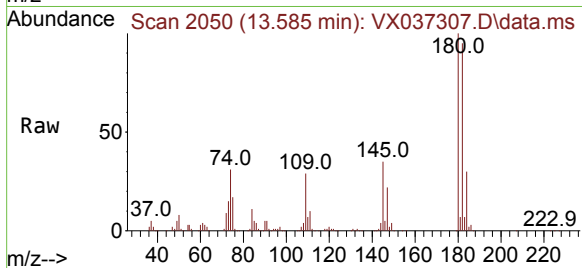
Tgt Ion:180 Resp: 123579

Ion Ratio Lower Upper

180 100

182 95.3 48.3 144.8

145 33.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 61.228 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

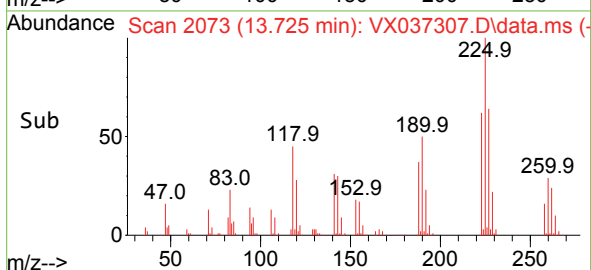
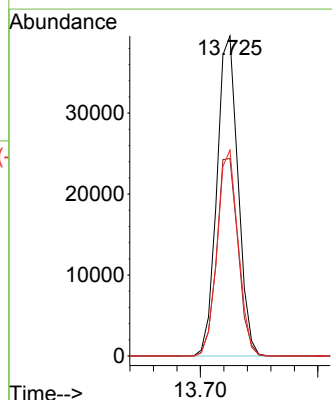
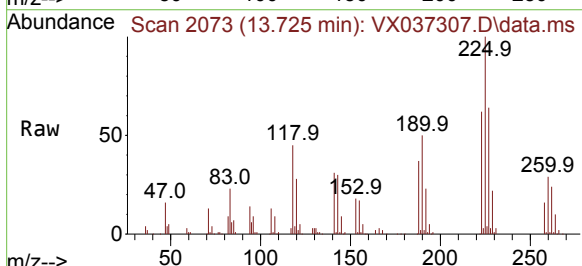
Tgt Ion:225 Resp: 49403

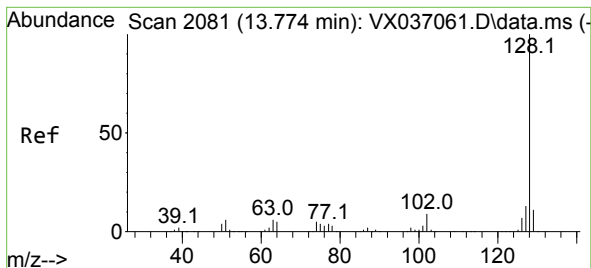
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.2

227 63.5 32.5 97.5





#95

Naphthalene

Concen: 50.152 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

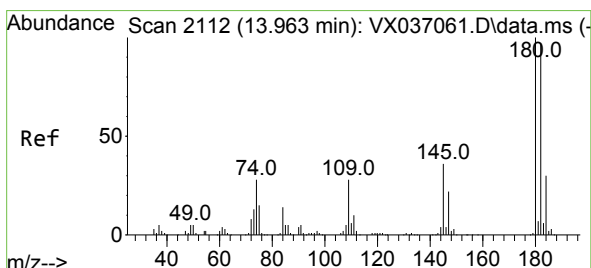
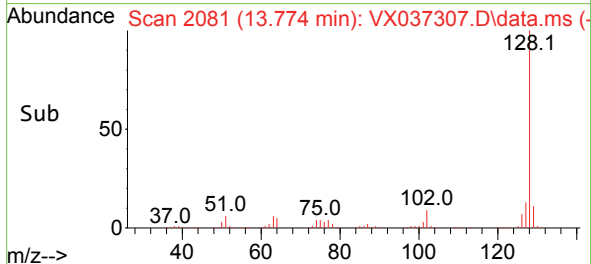
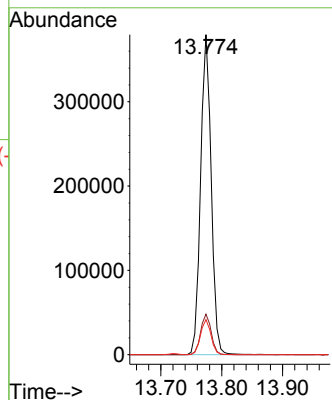
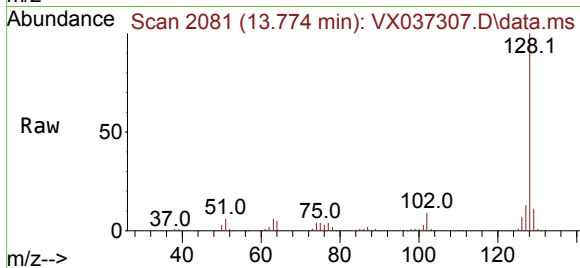
Tgt Ion:128 Resp: 458831

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 60.465 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037307.D

Acq: 28 Aug 2023 20:14

Tgt Ion:180 Resp: 125468

Ion Ratio Lower Upper

180 100

182 95.8 46.9 140.6

145 35.6 17.8 53.5

