

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092922\  
 Data File : VX031762.D  
 Acq On : 29 Sep 2022 09:07  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 30 04:26:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 27 01:44:18 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 78704    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 115976   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 138035   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 114821   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 75661    | 45.295   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 90.580%  |
| 35) Dibromofluoromethane     | 5.379  | 113   | 68961    | 49.904   | ug/l   | -0.01    |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 99.800%  |
| 50) Toluene-d8               | 8.647  | 98    | 253519   | 50.604   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 101.200% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 101182   | 55.104   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 110.200% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 45330    | 47.325   | ug/l   | 97       |
| 3) Chloromethane             | 1.288  | 50    | 42426    | 50.183   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.368  | 62    | 58599    | 44.454   | ug/l   | 98       |
| 5) Bromomethane              | 1.611  | 94    | 50912    | 42.145   | ug/l   | 99       |
| 6) Chloroethane              | 1.685  | 64    | 65504    | 41.564   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 139470   | 42.869   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.130  | 74    | 45251    | 48.844   | ug/l   | 76       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 58580    | 55.994   | ug/l   | 92       |
| 10) Methyl Iodide            | 2.447  | 142   | 48634    | 47.426   | ug/l   | 97       |
| 11) Tert butyl alcohol       | 2.995  | 59    | 56588    | 265.535  | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 49471    | 62.258   | ug/l   | 83       |
| 13) Acrolein                 | 2.239  | 56    | 22478    | 222.088  | ug/l   | 100      |
| 14) Allyl chloride           | 2.660  | 41    | 67754    | 49.223   | ug/l # | 93       |
| 15) Acrylonitrile            | 3.062  | 53    | 136719   | 235.834  | ug/l   | 99       |
| 16) Acetone                  | 2.386  | 43    | 113978   | 298.368  | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.508  | 76    | 94524    | 54.011   | ug/l   | 100      |
| 18) Methyl Acetate           | 2.703  | 43    | 70818    | 47.178   | ug/l # | 87       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 192766   | 51.884   | ug/l   | 95       |
| 20) Methylene Chloride       | 2.788  | 84    | 59865    | 56.906   | ug/l # | 82       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 57233    | 49.485   | ug/l   | 91       |
| 22) Diisopropyl ether        | 3.757  | 45    | 165835   | 46.812   | ug/l # | 94       |
| 23) Vinyl Acetate            | 3.721  | 43    | 668176   | 238.491  | ug/l # | 89       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 102749   | 50.309   | ug/l   | 98       |
| 25) 2-Butanone               | 4.556  | 43    | 184738   | 231.695  | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 90945    | 54.863   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 74538    | 52.622   | ug/l   | 85       |
| 28) Bromochloromethane       | 4.891  | 49    | 42455    | 44.437   | ug/l # | 67       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 114024   | 227.645  | ug/l # | 81       |
| 30) Chloroform               | 5.086  | 83    | 129993   | 51.739   | ug/l   | 96       |
| 31) Cyclohexane              | 5.470  | 56    | 78666    | 49.529   | ug/l   | 85       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 115690   | 55.595   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 85669    | 53.982   | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.714  | 43    | 73751    | 46.073   | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 102256   | 57.174   | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.379  | 83    | 100099   | 55.359   | ug/l   | 90       |
| 40) Benzene                  | 6.037  | 78    | 251558   | 51.611   | ug/l   | 98       |

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 Data File : VX031762.D  
 Acq On : 29 Sep 2022 09:07  
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 30 04:26:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 27 01:44:18 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 39119    | 48.027   | ug/l # | 91       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 94169    | 49.956   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 120767   | 47.935   | ug/l # | 93       |
| 44) Trichloroethene           | 7.123  | 130  | 78219    | 56.816   | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 60633    | 51.257   | ug/l   | 94       |
| 46) Dibromomethane            | 7.580  | 93   | 51799    | 54.525   | ug/l   | 92       |
| 47) Bromodichloromethane      | 7.818  | 83   | 98124    | 57.238   | ug/l   | 95       |
| 48) Methyl methacrylate       | 7.690  | 41   | 57316    | 51.730   | ug/l # | 86       |
| 49) 1,4-Dioxane               | 7.696  | 88   | 31463    | 1174.471 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 390304   | 244.752  | ug/l   | 92       |
| 52) Toluene                   | 8.714  | 92   | 181436   | 55.844   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 100656   | 50.807   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 104891   | 58.876   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 76093    | 54.397   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 101283   | 56.591   | ug/l   | 87       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 119586   | 53.981   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 238570   | 270.707  | ug/l # | 87       |
| 59) 2-Hexanone                | 9.433  | 43   | 296699   | 249.366  | ug/l   | 90       |
| 60) Dibromochloromethane      | 9.518  | 129  | 87450    | 53.433   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 83791    | 59.009   | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 83507    | 56.599   | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 210317   | 54.691   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 82486    | 59.614   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 358405   | 54.787   | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.299 | 106  | 302892   | 115.236  | ug/l   | 93       |
| 69) o-Xylene                  | 10.640 | 106  | 148461   | 57.786   | ug/l   | 92       |
| 70) Styrene                   | 10.652 | 104  | 250067   | 59.796   | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 62323    | 52.308   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 391949   | 52.784   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 112981   | 46.906   | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 112452   | 47.661   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 119041   | 57.188   | ug/l   | 88       |
| 77) Bromobenzene              | 11.201 | 156  | 101669   | 53.859   | ug/l   | 87       |
| 78) n-propylbenzene           | 11.305 | 91   | 440642   | 53.327   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 262651   | 51.475   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 348791   | 55.412   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 29043    | 47.621   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 315655   | 53.548   | ug/l   | 95       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 339401   | 55.914   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 342599   | 54.987   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 427917   | 55.471   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 381835   | 57.399   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 202265   | 55.271   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 210067   | 54.840   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 304039   | 55.949   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 59504    | 55.782   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 204381   | 55.769   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 24194    | 51.174   | ug/l   | 75       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 125590   | 58.601   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 48724    | 58.304   | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 416622   | 58.198   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 125659   | 57.131   | ug/l   | 99       |

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

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Sep 30 04:26:59 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 27 01:44:18 2022  
Response via : Initial Calibration

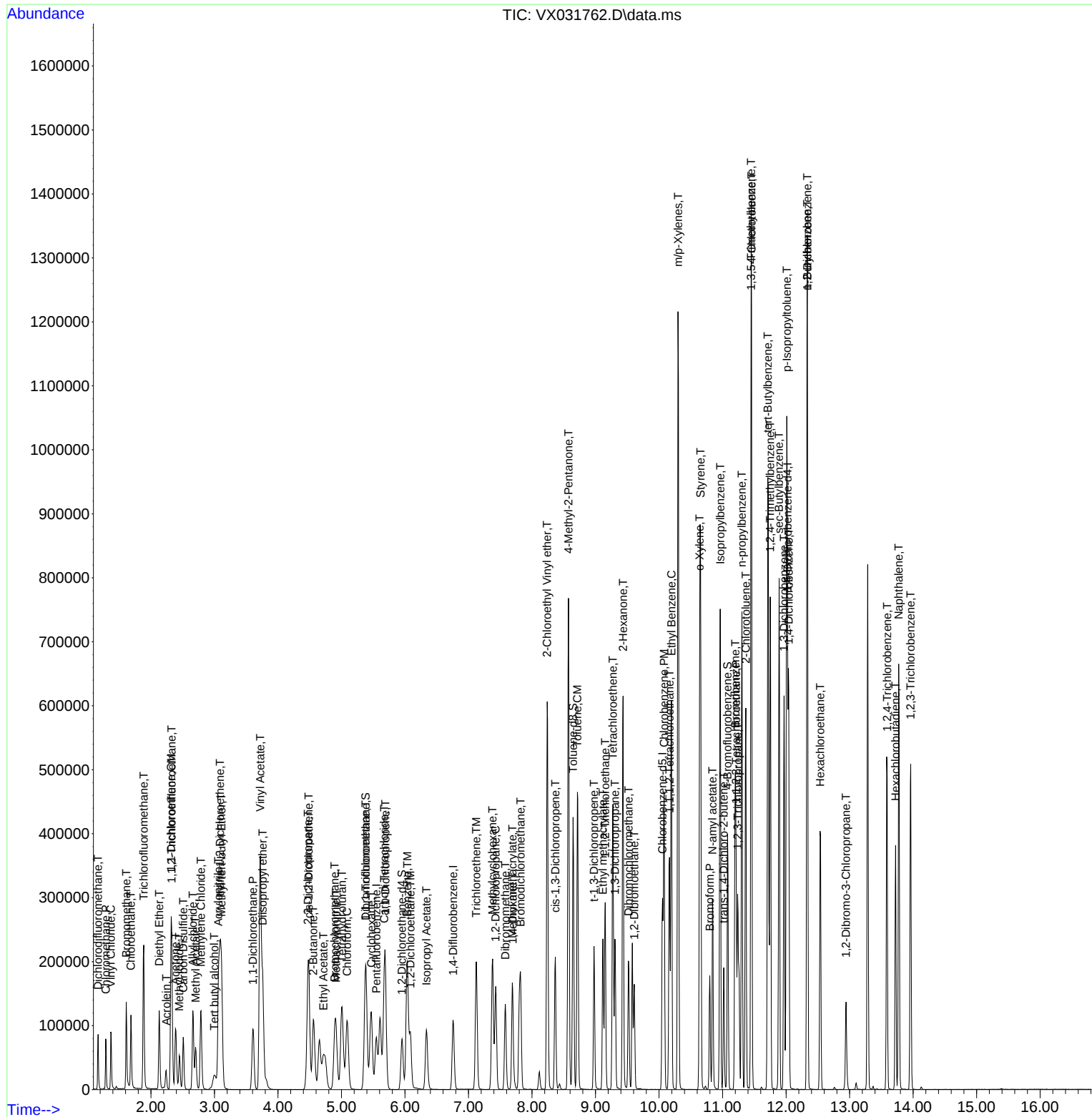
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

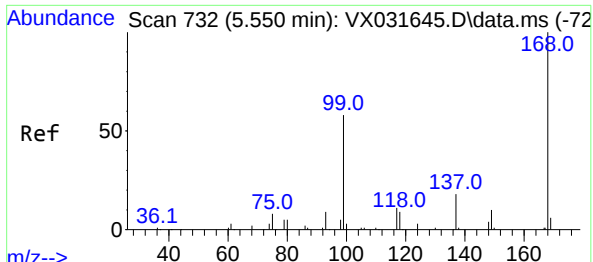
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092922\  
 Data File : VX031762.D  
 Acq On : 29 Sep 2022 09:07  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 30 04:26:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 27 01:44:18 2022  
 Response via : Initial Calibration

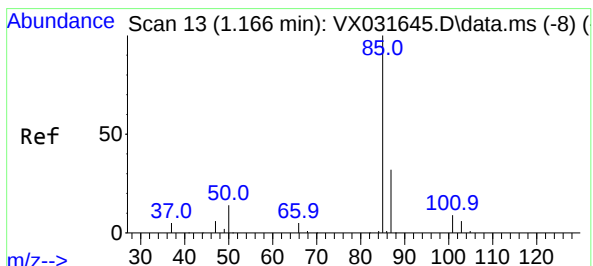
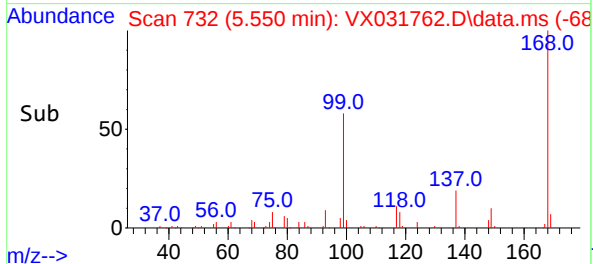
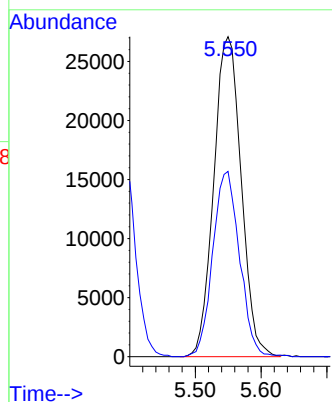
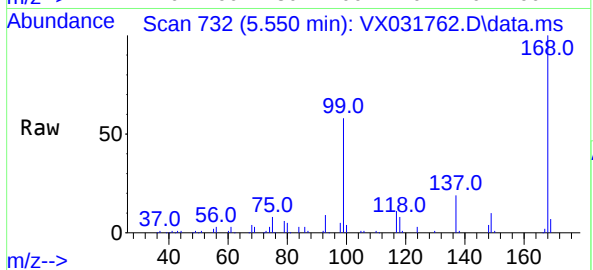




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

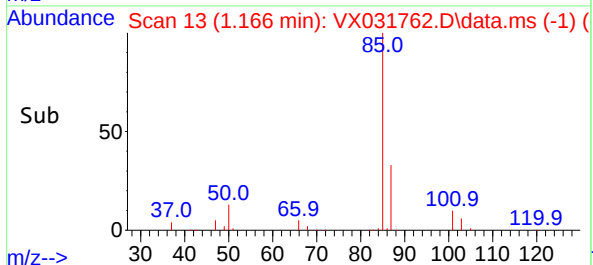
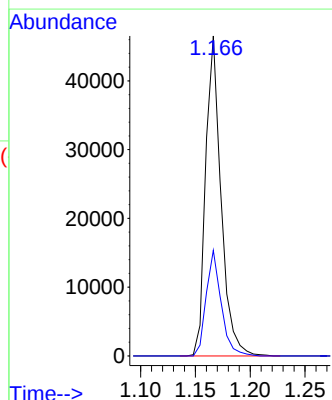
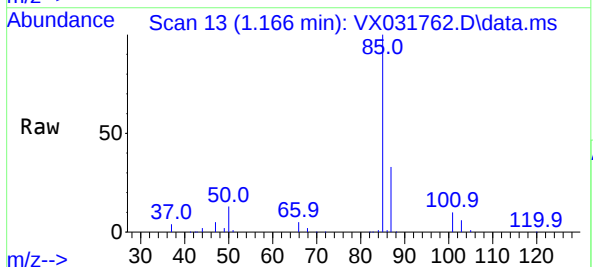
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:168 Resp: 78704  
Ion Ratio Lower Upper  
168 100  
99 57.9 48.8 73.2

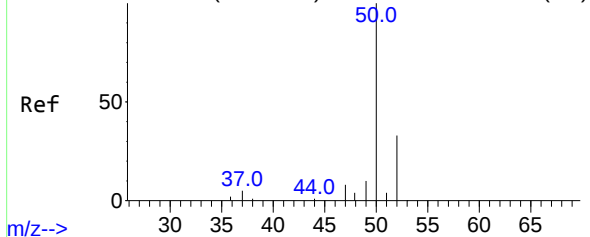


#2  
Dichlorodifluoromethane  
Concen: 47.325 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 85 Resp: 45330  
Ion Ratio Lower Upper  
85 100  
87 33.0 15.8 47.4



Abundance Scan 33 (1.288 min): VX031645.D\data.ms (-29)



#3

Chloromethane

Concen: 50.183 ug/l

RT: 1.288 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

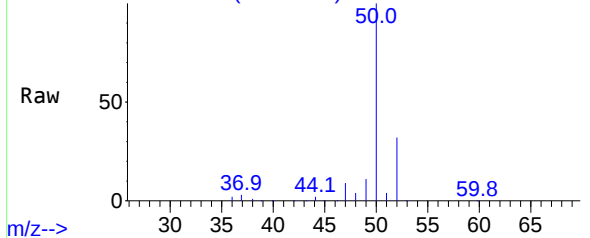
Tgt Ion: 50 Resp: 42426

Ion Ratio Lower Upper

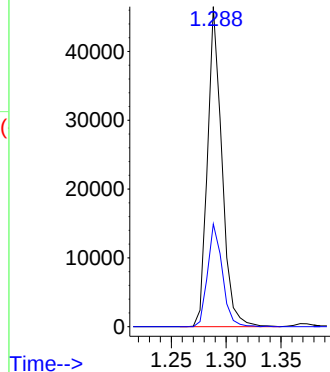
50 100

52 32.1 26.9 40.3

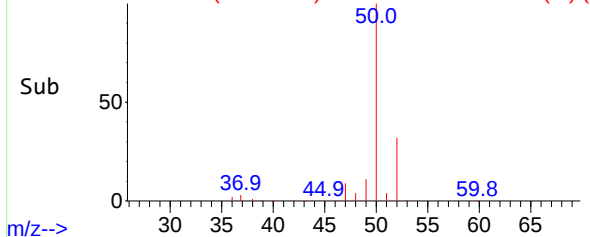
Abundance Scan 33 (1.288 min): VX031762.D\data.ms



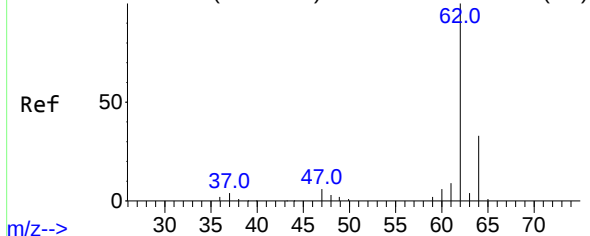
Abundance



Abundance Scan 33 (1.288 min): VX031762.D\data.ms (-1)



Abundance Scan 47 (1.374 min): VX031645.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 44.454 ug/l

RT: 1.368 min Scan# 46

Delta R.T. -0.006 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

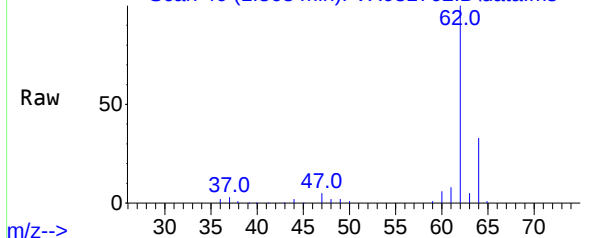
Tgt Ion: 62 Resp: 58599

Ion Ratio Lower Upper

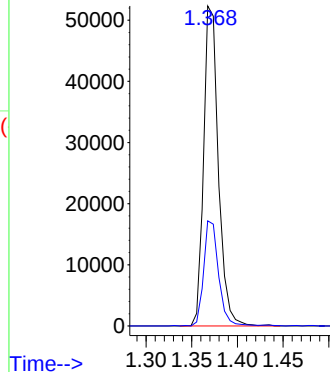
62 100

64 32.9 25.3 37.9

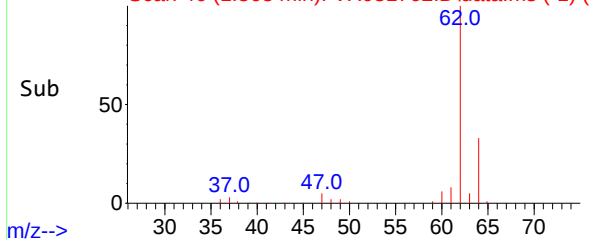
Abundance Scan 46 (1.368 min): VX031762.D\data.ms

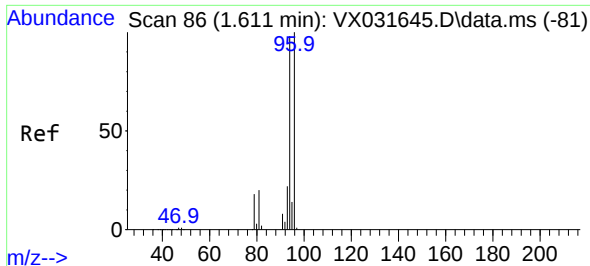


Abundance



Abundance Scan 46 (1.368 min): VX031762.D\data.ms (-1)

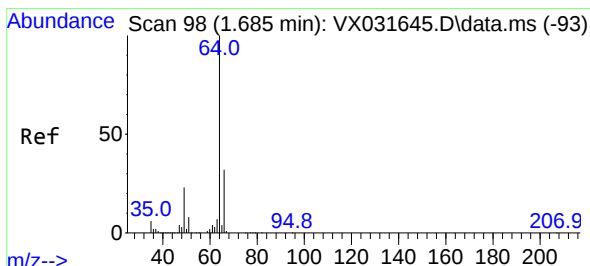
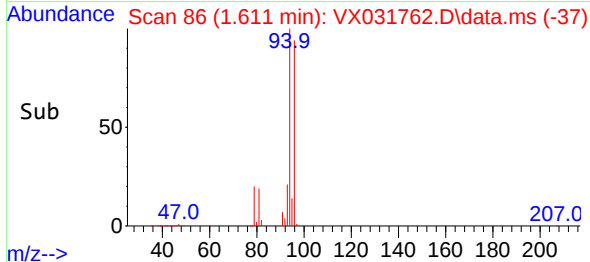
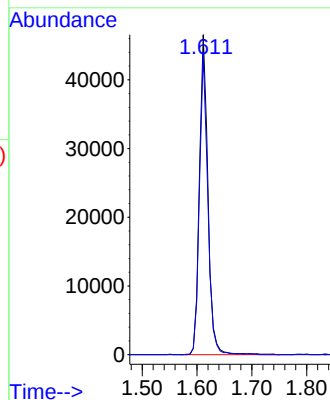
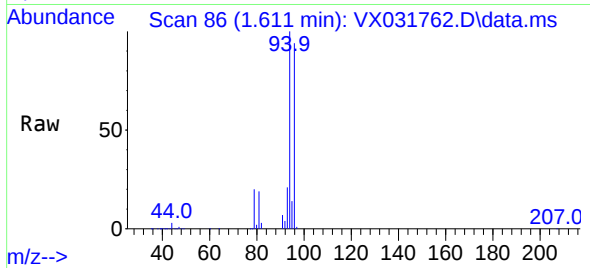




#5  
Bromomethane  
Concen: 42.145 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

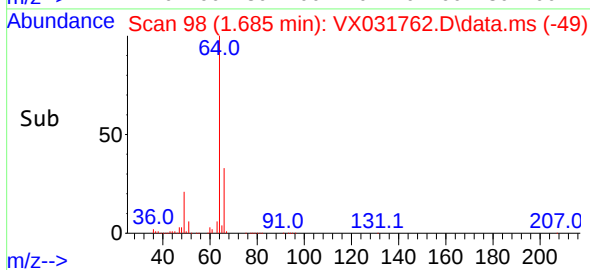
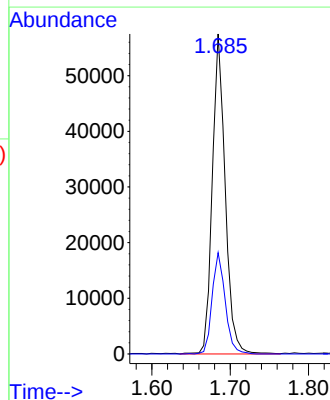
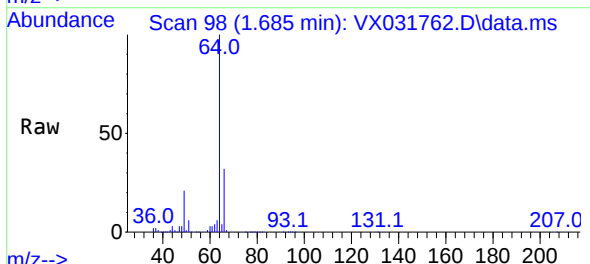
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

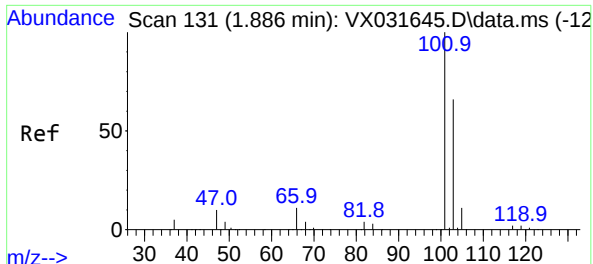
Tgt Ion: 94 Resp: 50912  
Ion Ratio Lower Upper  
94 100  
96 94.0 74.4 111.6



#6  
Chloroethane  
Concen: 41.564 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 64 Resp: 65504  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.0 37.4

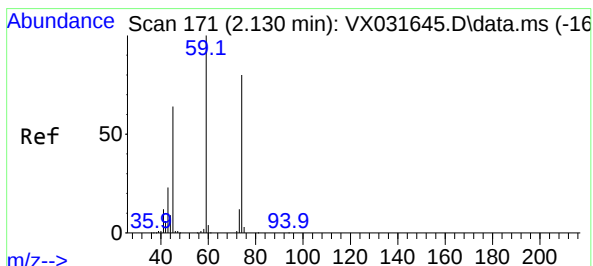
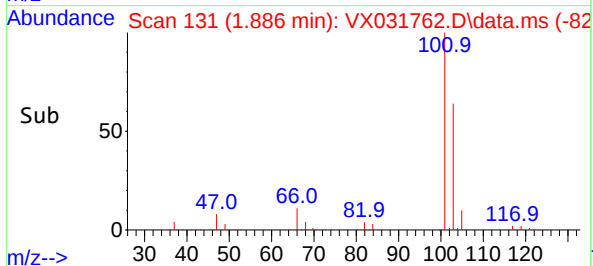
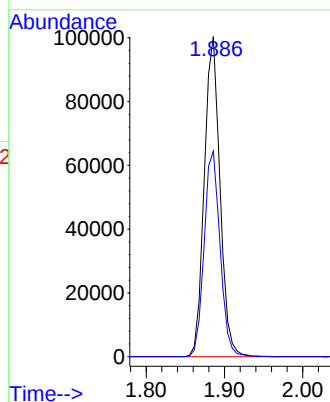
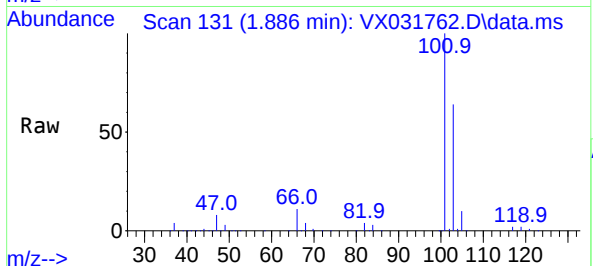




#7  
 Trichlorofluoromethane  
 Concen: 42.869 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX031762.D  
 Acq: 29 Sep 2022 09:07

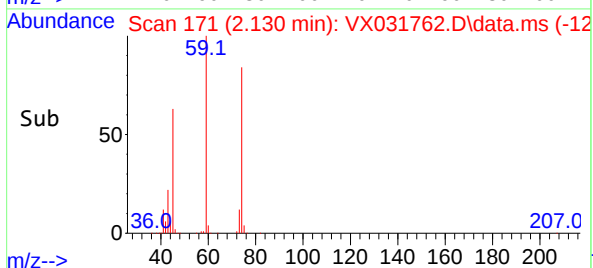
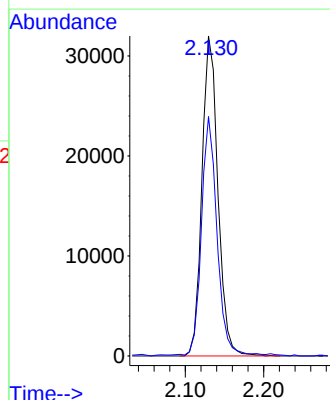
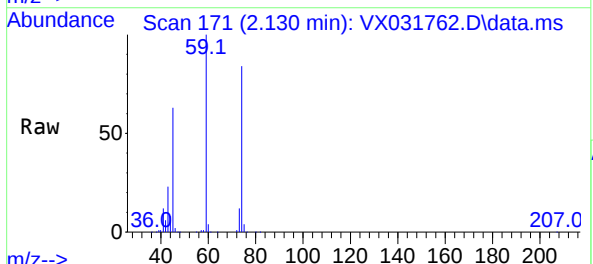
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

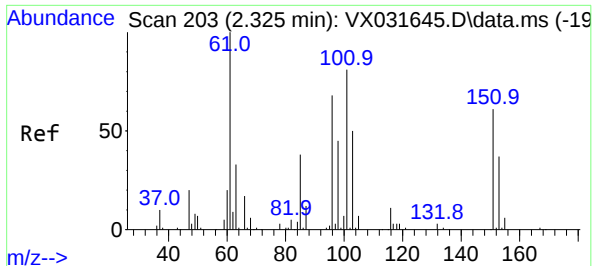
Tgt Ion:101 Resp: 139470  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 51.8 77.6



#8  
 Diethyl Ether  
 Concen: 48.844 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX031762.D  
 Acq: 29 Sep 2022 09:07

Tgt Ion: 74 Resp: 45251  
 Ion Ratio Lower Upper  
 74 100  
 45 73.8 48.5 145.6

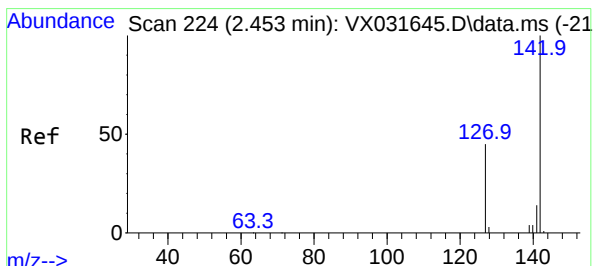
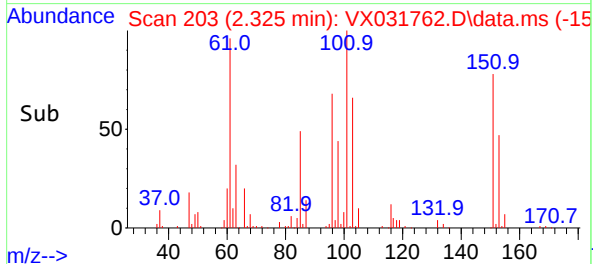
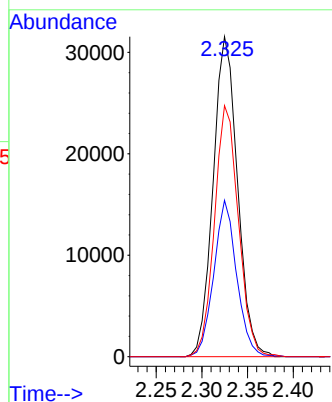
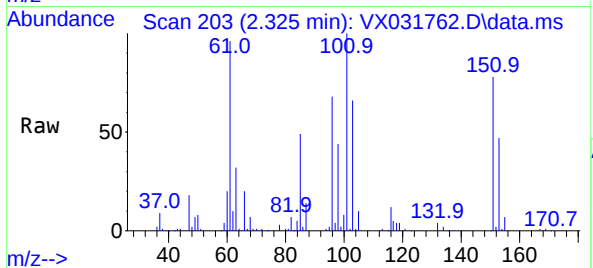




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 55.994 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

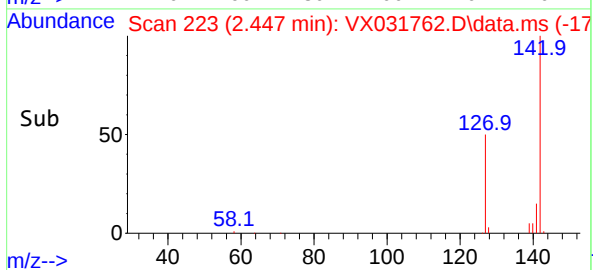
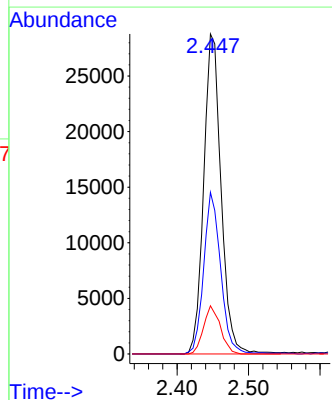
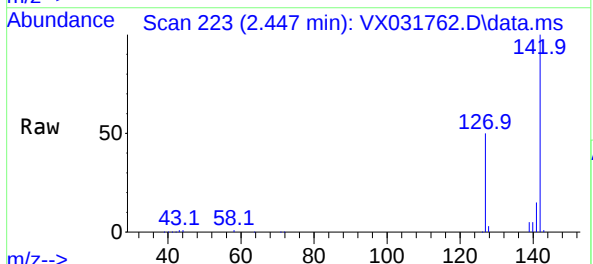
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

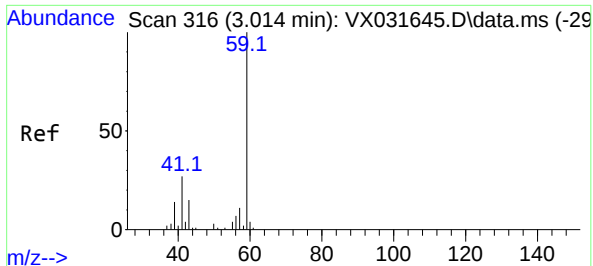
Tgt Ion:101 Resp: 58580  
Ion Ratio Lower Upper  
101 100  
85 45.9 38.6 57.8  
151 77.1 54.0 81.0



#10  
Methyl Iodide  
Concen: 47.426 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion:142 Resp: 48634  
Ion Ratio Lower Upper  
142 100  
127 49.5 37.4 56.0  
141 14.6 11.6 17.4

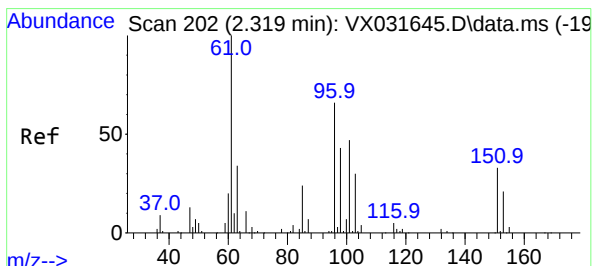
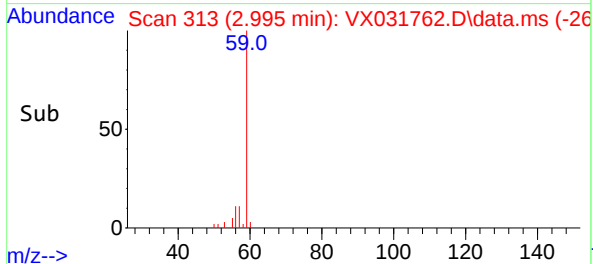
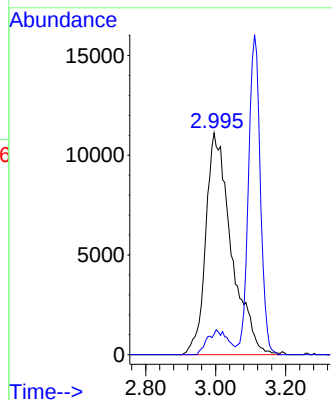
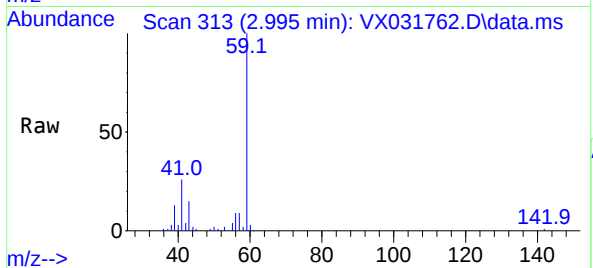




#11  
Tert butyl alcohol  
Concen: 265.535 ug/l  
RT: 2.995 min Scan# 316  
Delta R.T. 0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

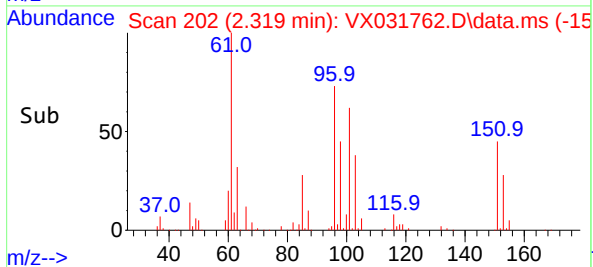
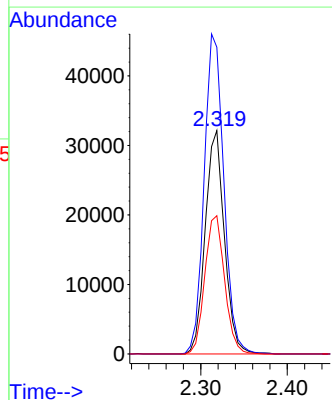
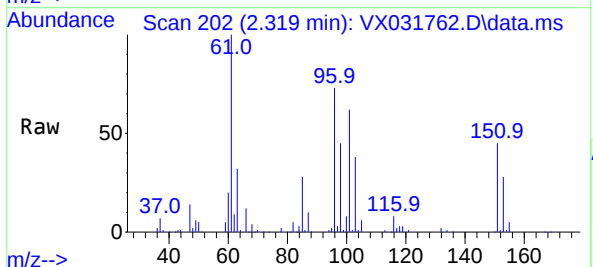
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

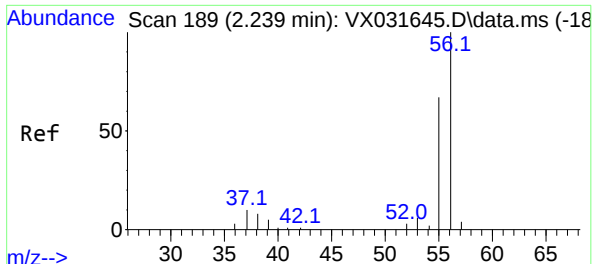
Tgt Ion: 59 Resp: 56588  
Ion Ratio Lower Upper  
59 100  
57 8.8 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 62.258 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 96 Resp: 49471  
Ion Ratio Lower Upper  
96 100  
61 137.4 135.3 202.9  
98 61.9 49.4 74.2

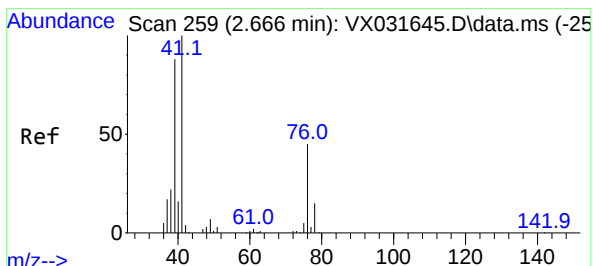
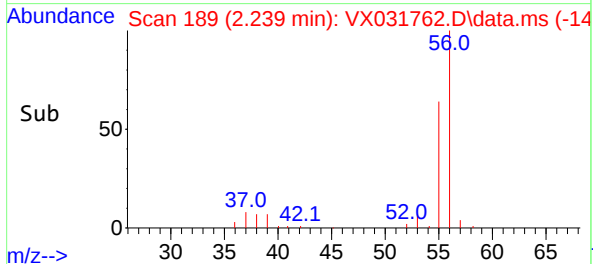
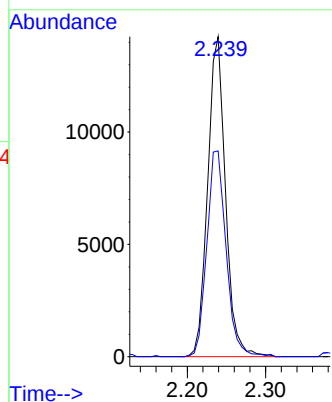
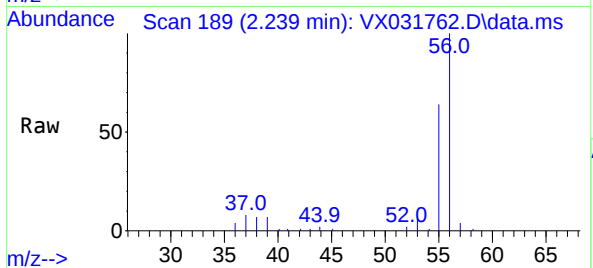




#13  
Acrolein  
Concen: 222.088 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

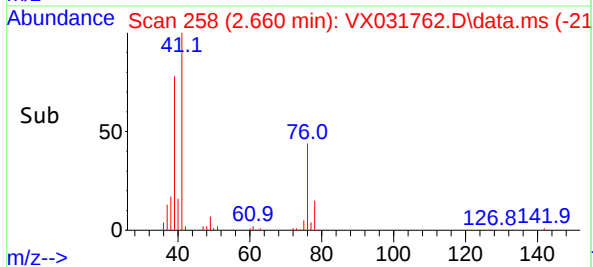
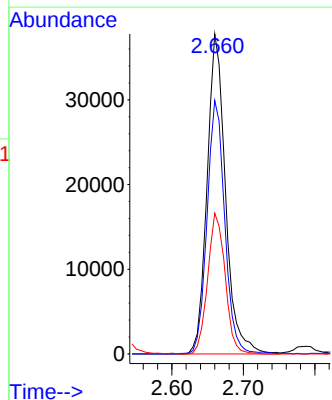
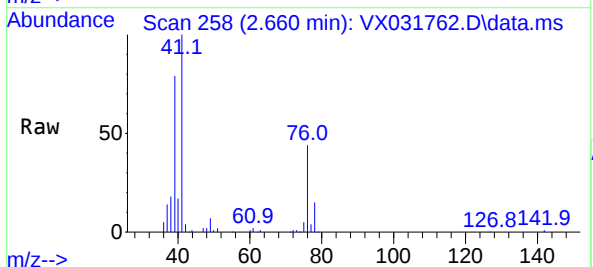
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

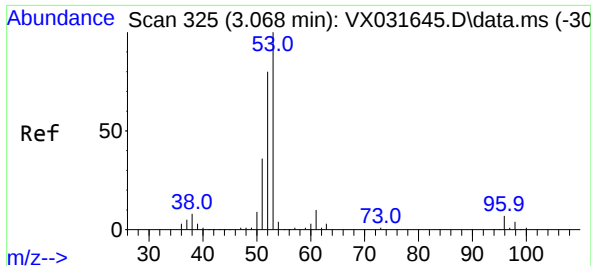
Tgt Ion: 56 Resp: 22478  
Ion Ratio Lower Upper  
56 100  
55 69.6 56.0 84.0



#14  
Allyl chloride  
Concen: 49.223 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 41 Resp: 67754  
Ion Ratio Lower Upper  
41 100  
39 76.3 58.2 87.4  
76 41.6 26.9 40.3#

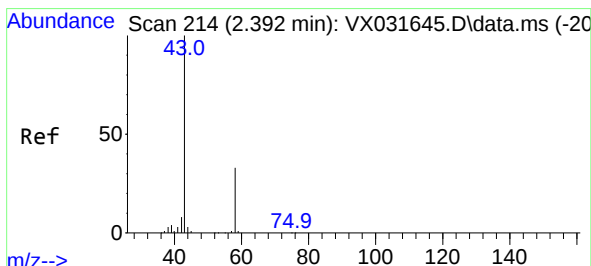
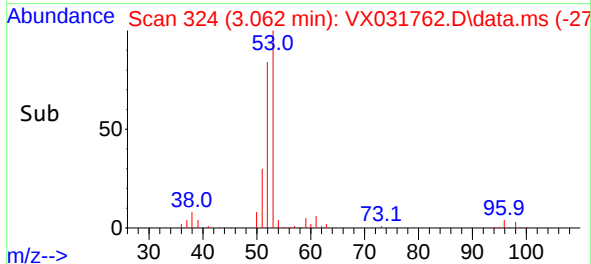
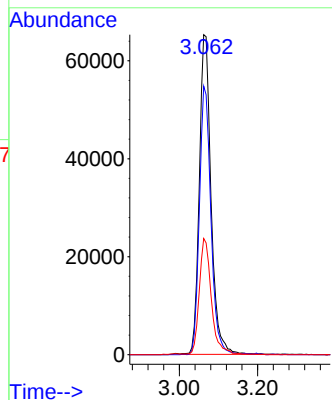
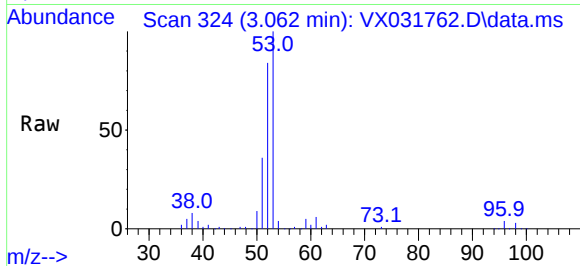




#15  
Acrylonitrile  
Concen: 235.834 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

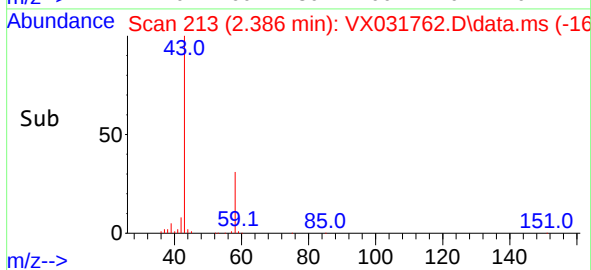
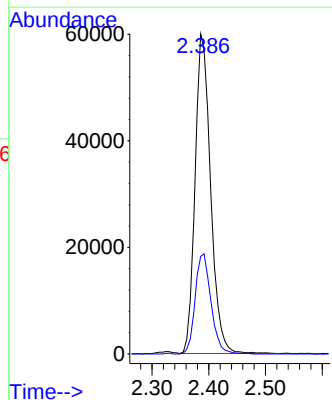
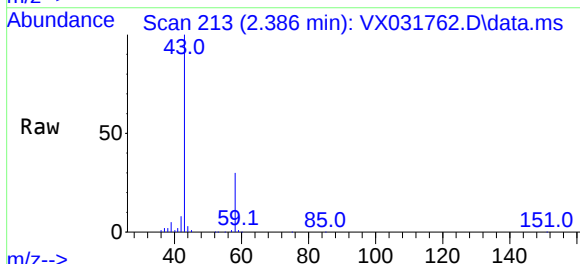
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

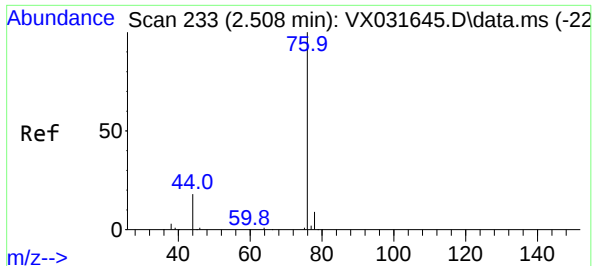
Tgt Ion: 53 Resp: 136719  
Ion Ratio Lower Upper  
53 100  
52 82.3 66.9 100.3  
51 36.8 30.0 45.0



#16  
Acetone  
Concen: 298.368 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 43 Resp: 113978  
Ion Ratio Lower Upper  
43 100  
58 30.5 23.8 35.8

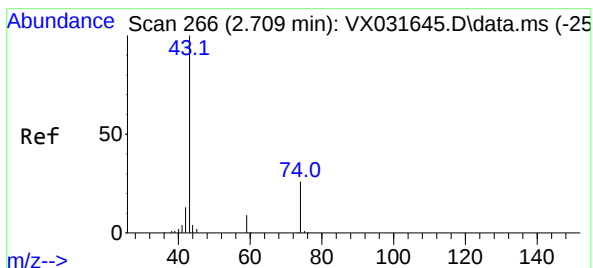
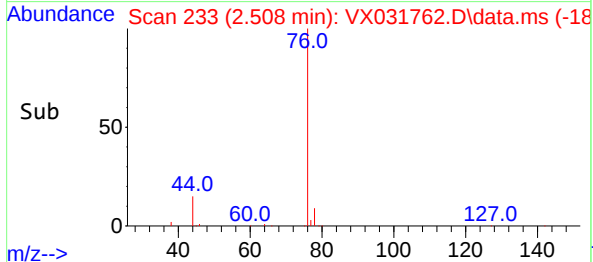
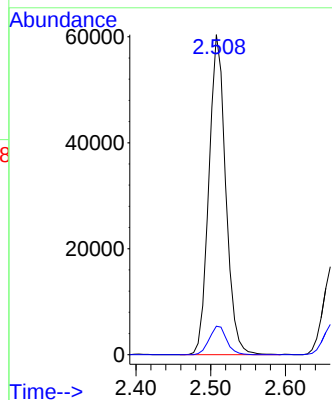
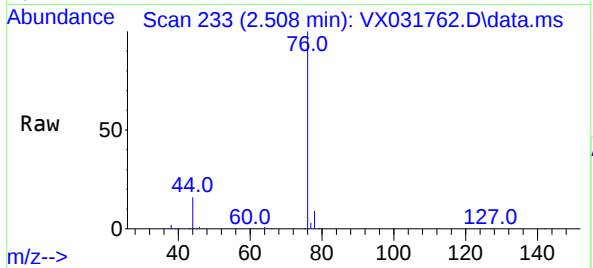




#17  
Carbon Disulfide  
Concen: 54.011 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

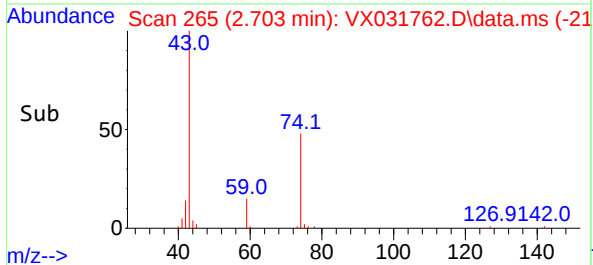
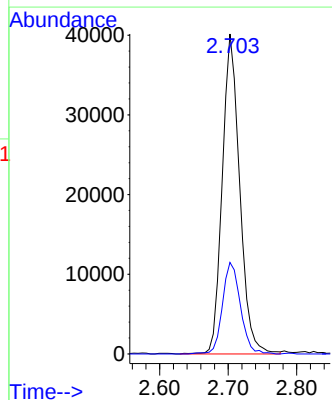
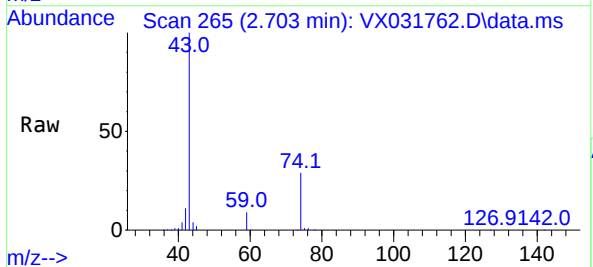
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

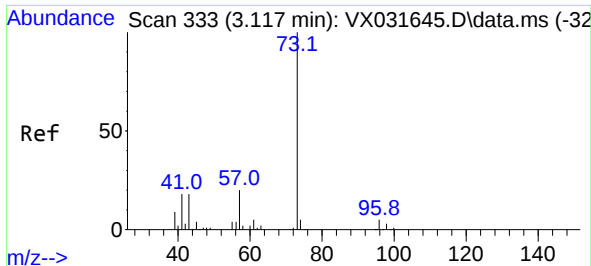
Tgt Ion: 76 Resp: 94524  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 47.178 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 43 Resp: 70818  
Ion Ratio Lower Upper  
43 100  
74 29.4 18.6 27.8#

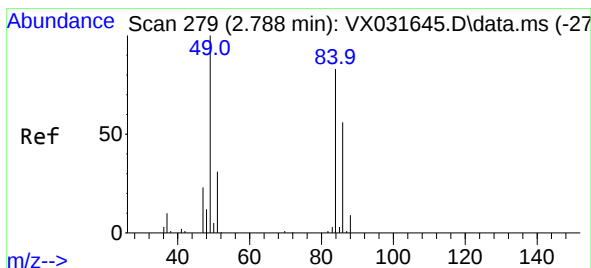
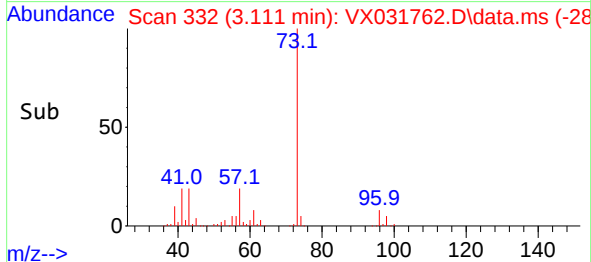
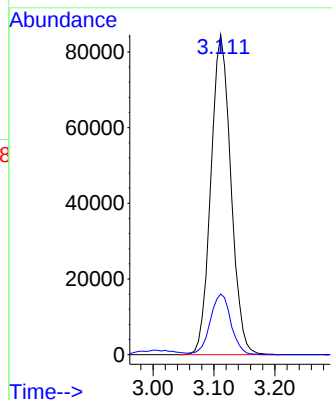
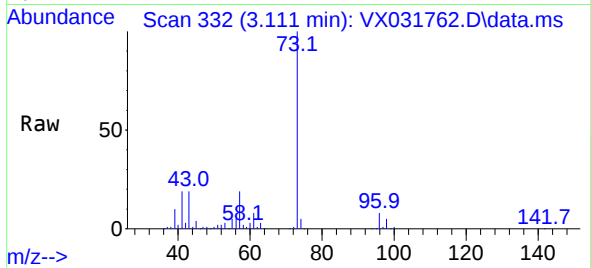




#19  
Methyl tert-butyl Ether  
Concen: 51.884 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

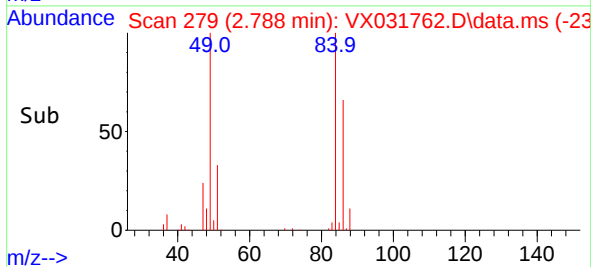
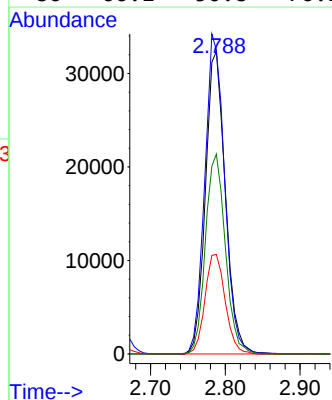
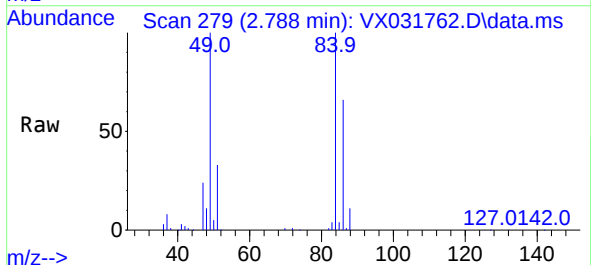
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

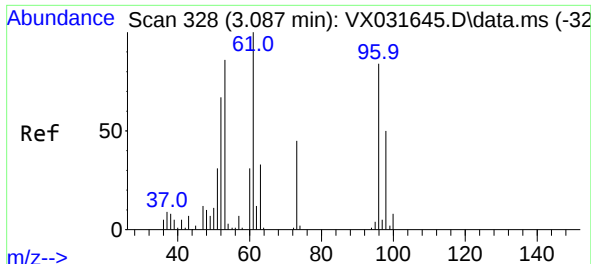
Tgt Ion: 73 Resp: 192766  
Ion Ratio Lower Upper  
73 100  
57 19.0 17.2 25.8



#20  
Methylene Chloride  
Concen: 56.906 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 84 Resp: 59865  
Ion Ratio Lower Upper  
84 100  
49 100.4 105.9 158.9#  
51 32.9 32.2 48.2  
86 66.1 50.8 76.2

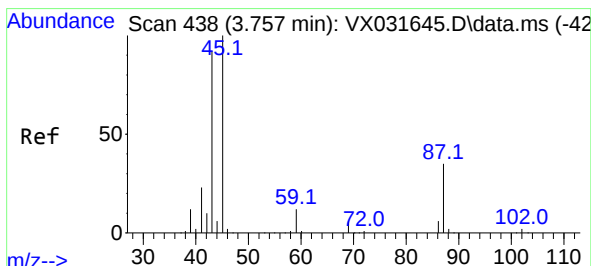
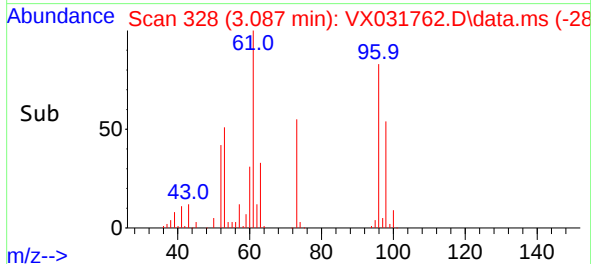
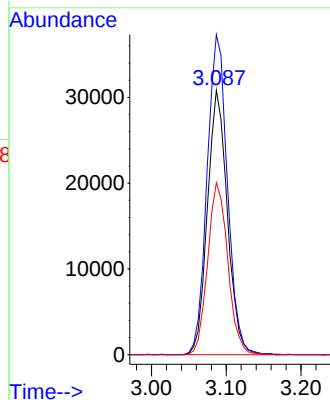
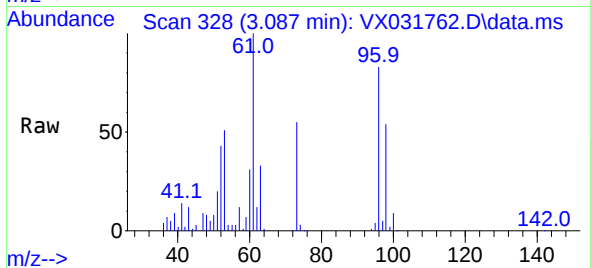




#21  
trans-1,2-Dichloroethene  
Concen: 49.485 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

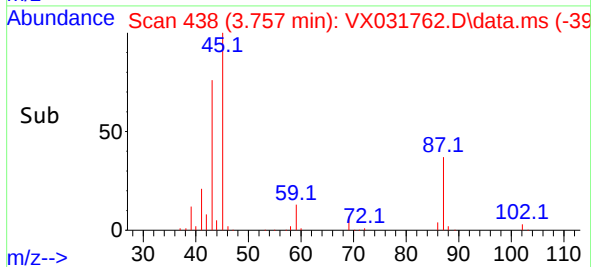
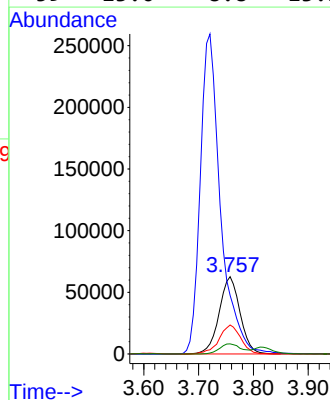
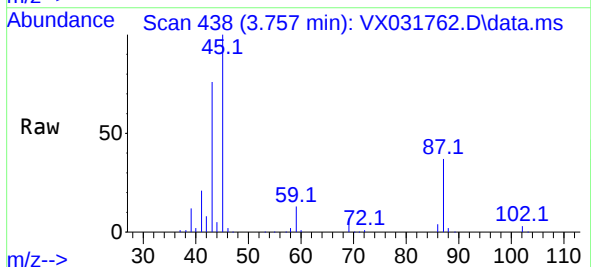
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

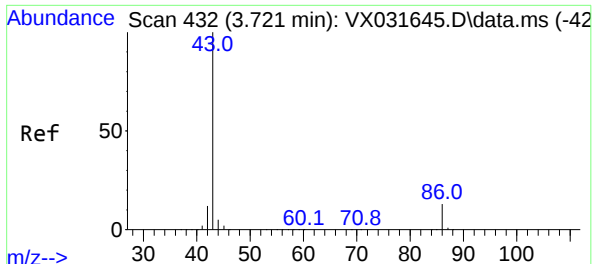
Tgt Ion: 96 Resp: 57233  
Ion Ratio Lower Upper  
96 100  
61 121.0 106.7 160.1  
98 65.0 48.7 73.1



#22  
Diisopropyl ether  
Concen: 46.812 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.007 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 45 Resp: 165835  
Ion Ratio Lower Upper  
45 100  
43 75.5 59.0 88.6  
87 37.5 22.6 33.8#  
59 13.0 8.8 13.2

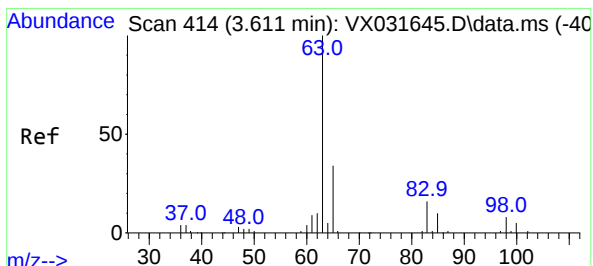
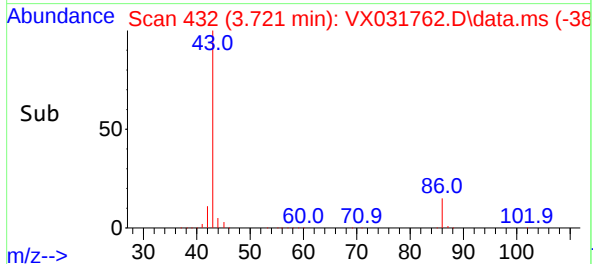
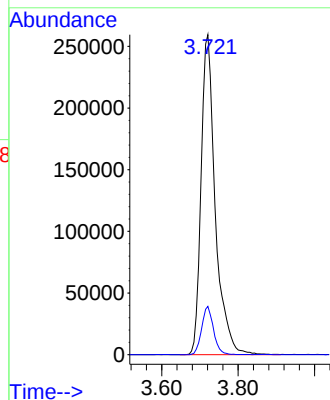
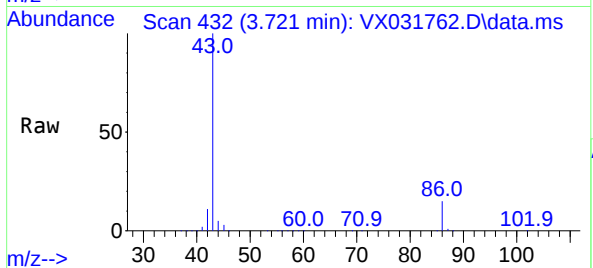




#23  
 Vinyl Acetate  
 Concen: 238.491 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX031762.D  
 Acq: 29 Sep 2022 09:07

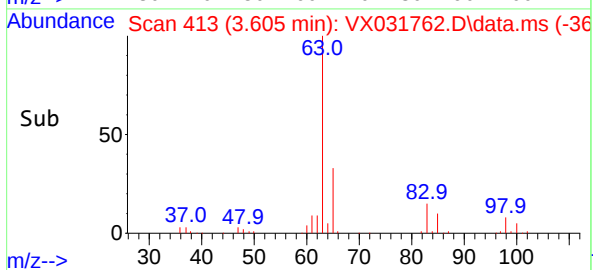
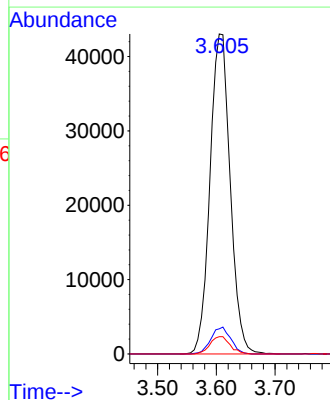
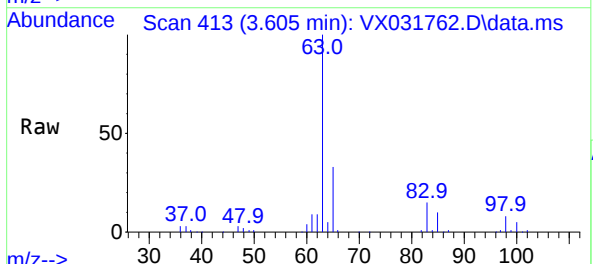
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

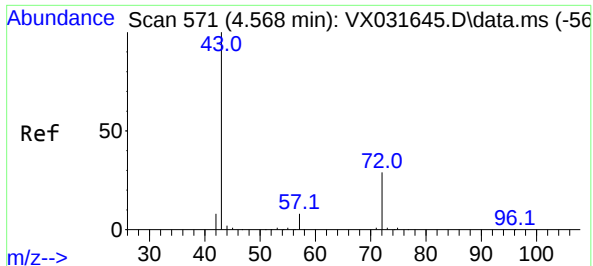
Tgt Ion: 43 Resp: 668176  
 Ion Ratio Lower Upper  
 43 100  
 86 15.1 8.7 13.1#



#24  
 1,1-Dichloroethane  
 Concen: 50.309 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX031762.D  
 Acq: 29 Sep 2022 09:07

Tgt Ion: 63 Resp: 102749  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.5 10.4  
 100 5.4 2.4 7.2

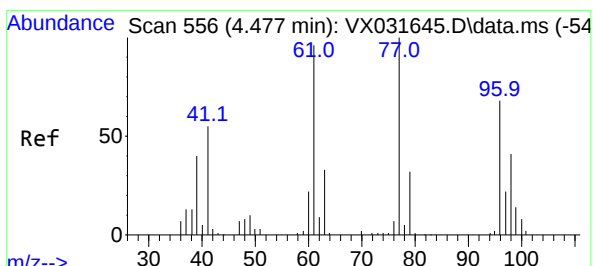
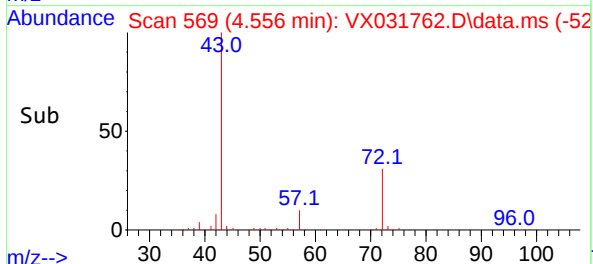
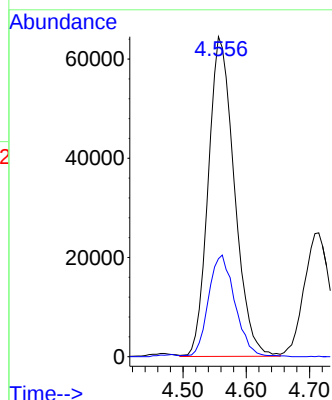
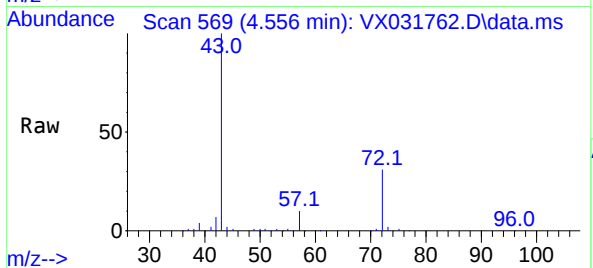




#25  
2-Butanone  
Concen: 231.695 ug/l  
RT: 4.556 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

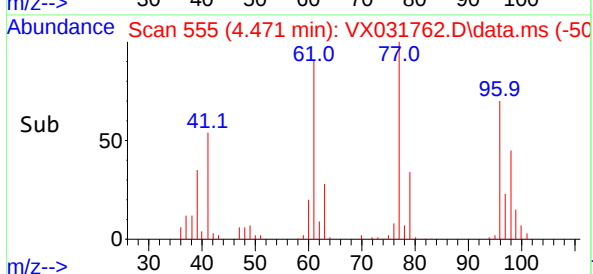
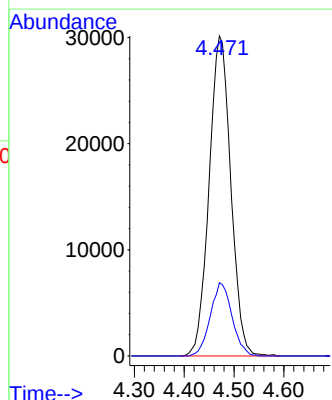
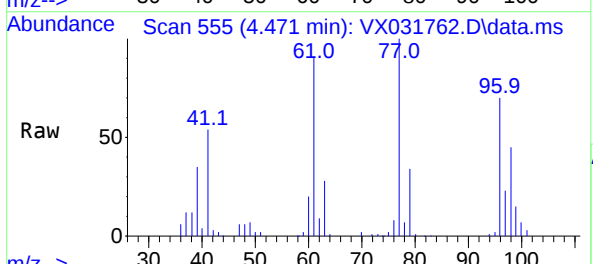
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

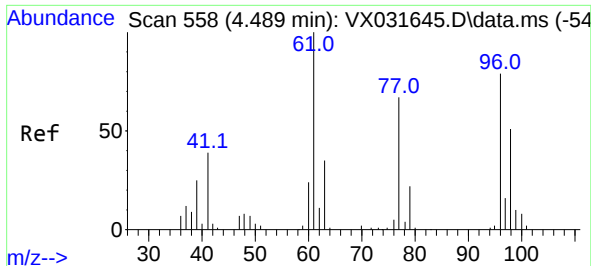
Tgt Ion: 43 Resp: 184738  
Ion Ratio Lower Upper  
43 100  
72 30.5 21.1 31.7



#26  
2,2-Dichloropropane  
Concen: 54.863 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 77 Resp: 90945  
Ion Ratio Lower Upper  
77 100  
97 22.9 10.9 32.6

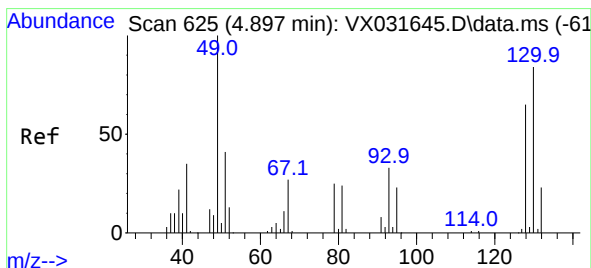
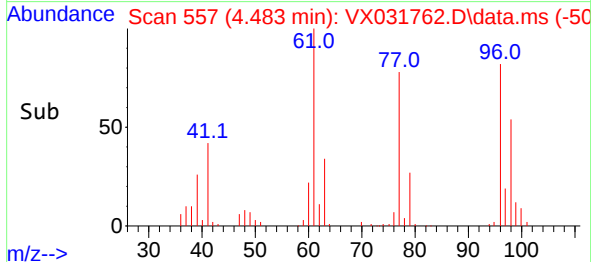
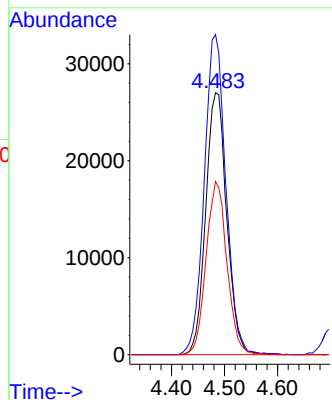
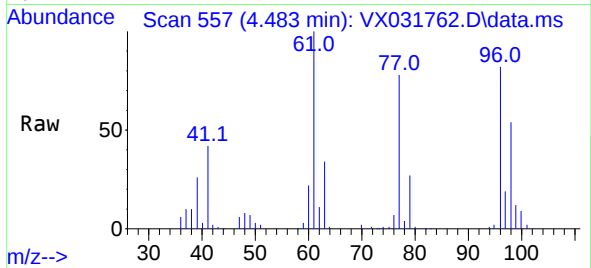




#27  
 cis-1,2-Dichloroethene  
 Concen: 52.622 ug/l  
 RT: 4.483 min Scan# 51  
 Delta R.T. -0.006 min  
 Lab File: VX031762.D  
 Acq: 29 Sep 2022 09:07

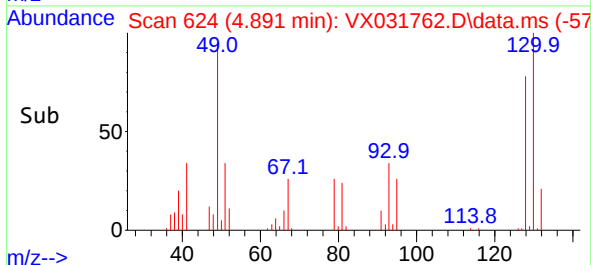
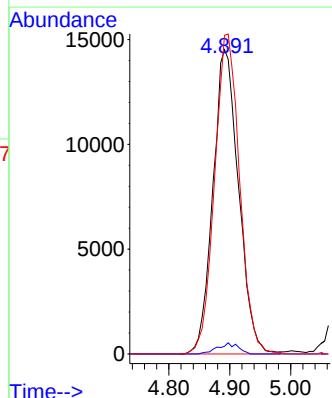
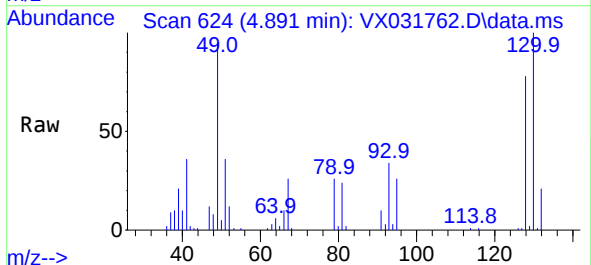
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

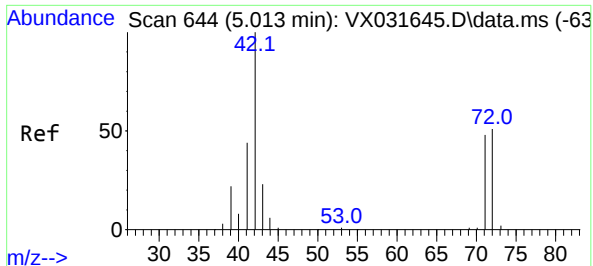
Tgt Ion: 96 Resp: 74538  
 Ion Ratio Lower Upper  
 96 100  
 61 125.3 0.0 305.2  
 98 65.4 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 44.437 ug/l  
 RT: 4.891 min Scan# 624  
 Delta R.T. -0.013 min  
 Lab File: VX031762.D  
 Acq: 29 Sep 2022 09:07

Tgt Ion: 49 Resp: 42455  
 Ion Ratio Lower Upper  
 49 100  
 129 2.9 0.0 3.6  
 130 102.5 59.0 88.4#

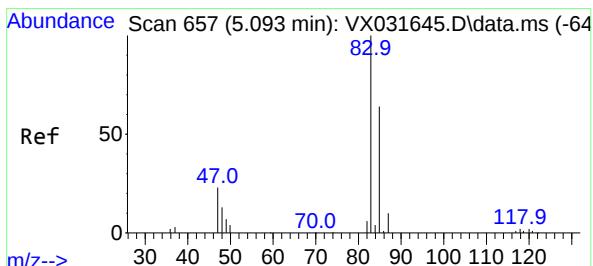
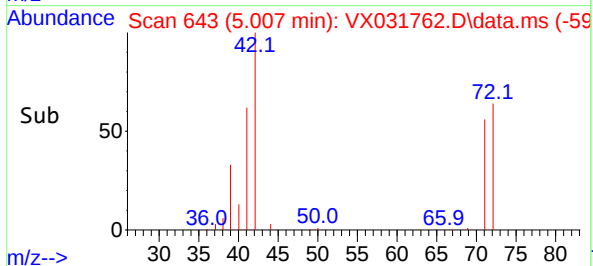
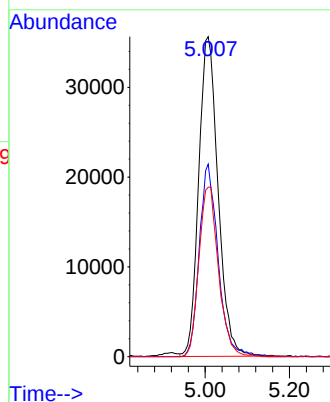
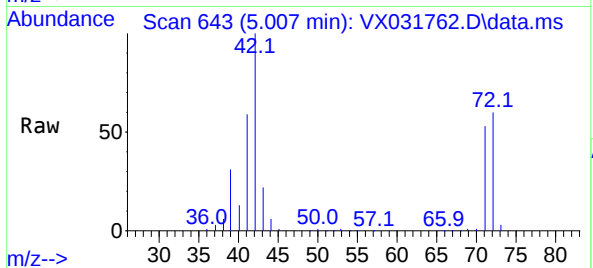




#29  
Tetrahydrofuran  
Concen: 227.645 ug/l  
RT: 5.007 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

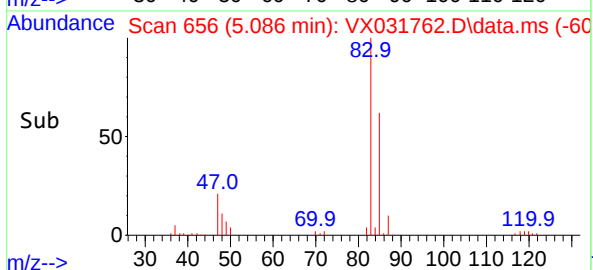
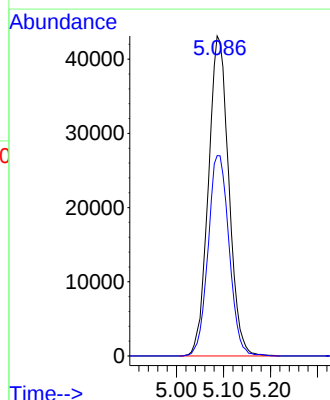
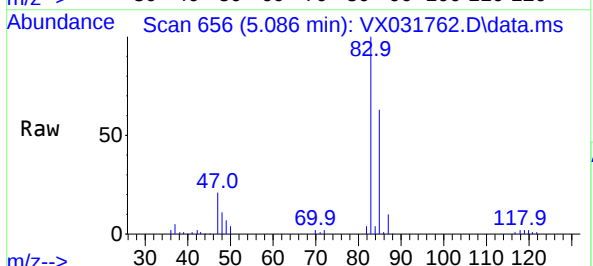
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

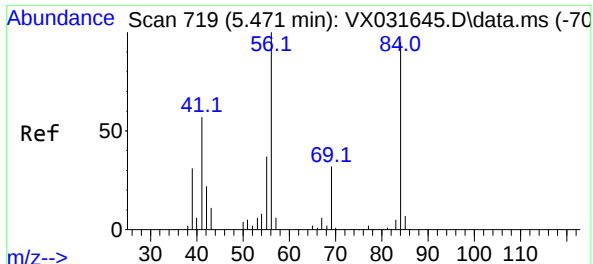
Tgt Ion: 42 Resp: 114024  
Ion Ratio Lower Upper  
42 100  
72 58.3 36.4 54.6#  
71 53.6 33.5 50.3#



#30  
Chloroform  
Concen: 51.739 ug/l  
RT: 5.086 min Scan# 656  
Delta R.T. -0.013 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

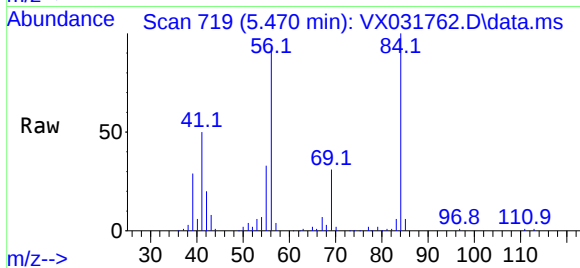
Tgt Ion: 83 Resp: 129993  
Ion Ratio Lower Upper  
83 100  
85 62.6 52.8 79.2



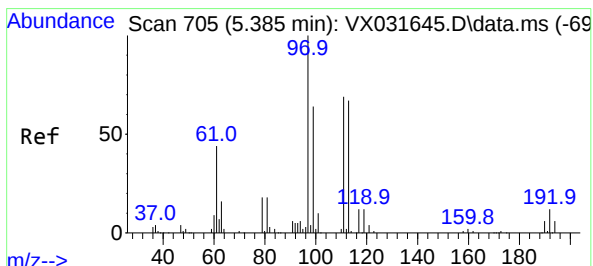
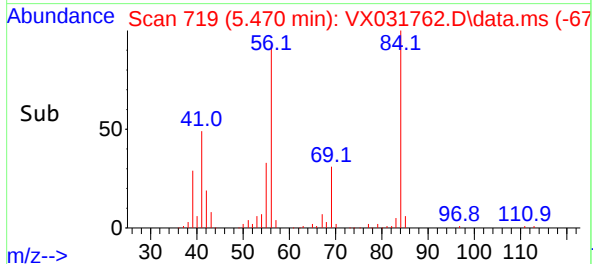
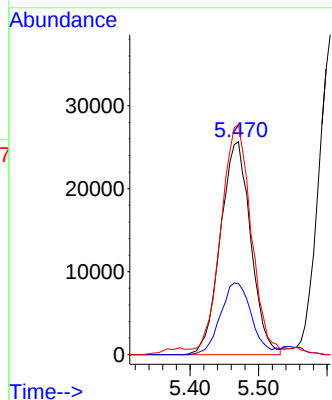


#31  
Cyclohexane  
Concen: 49.529 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.001 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

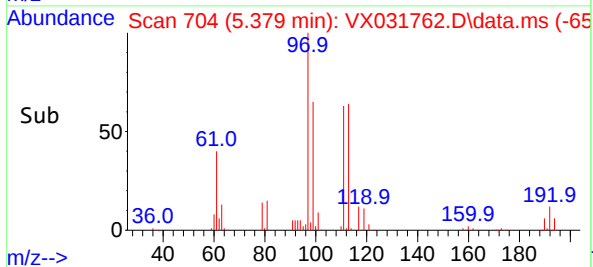
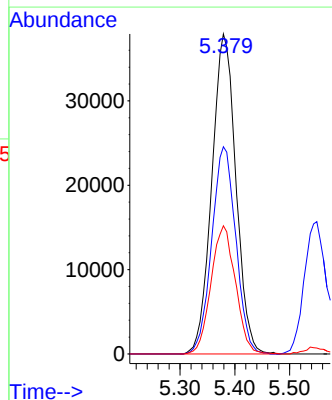
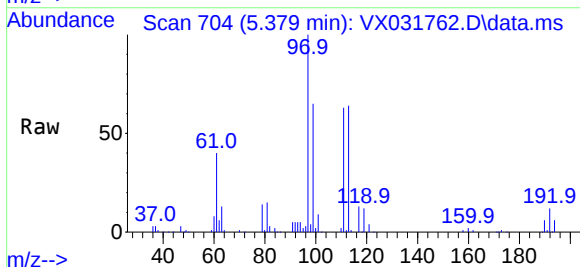


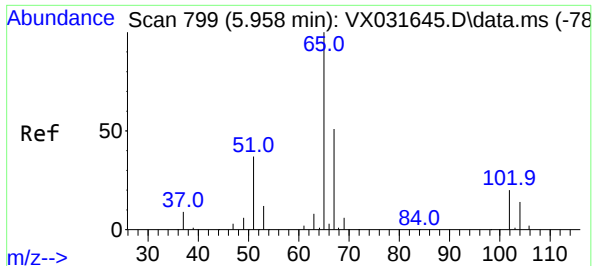
Tgt Ion: 56 Resp: 78666  
Ion Ratio Lower Upper  
56 100  
69 33.5 25.1 37.7  
84 105.1 70.2 105.4



#32  
1,1,1-Trichloroethane  
Concen: 55.595 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 97 Resp: 115690  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.3 76.9  
61 40.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.295 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

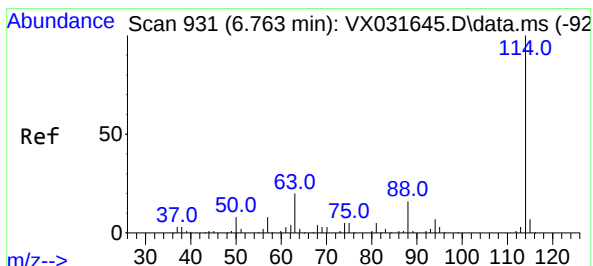
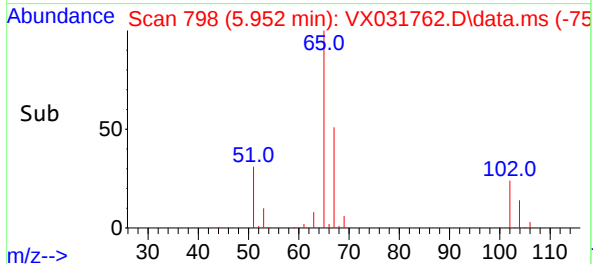
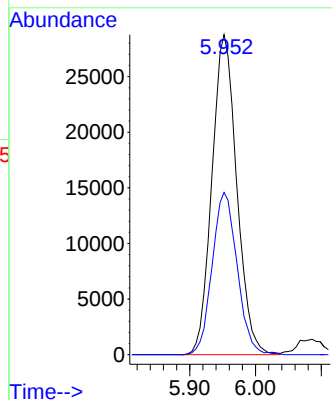
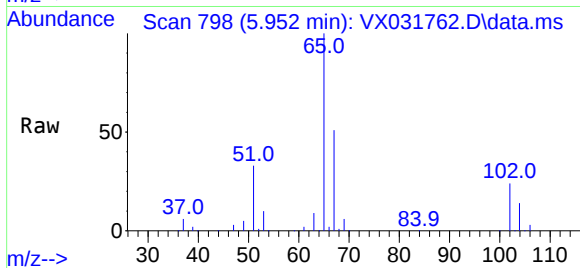
VSTDCCC050

Tgt Ion: 65 Resp: 75661

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

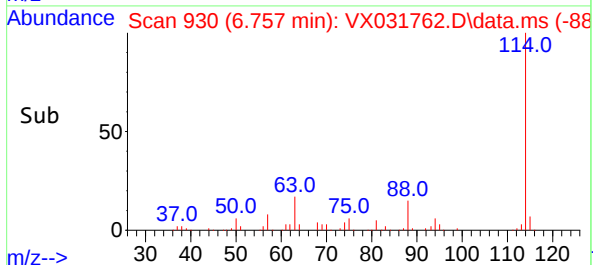
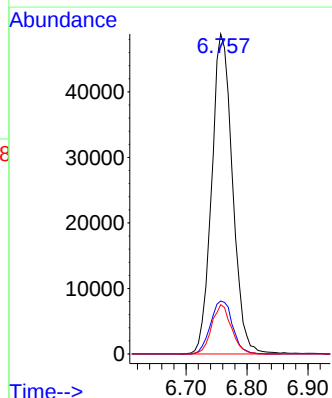
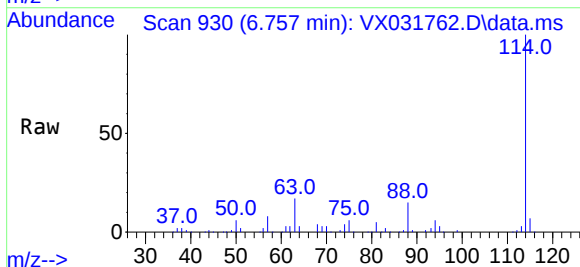
Tgt Ion: 114 Resp: 115976

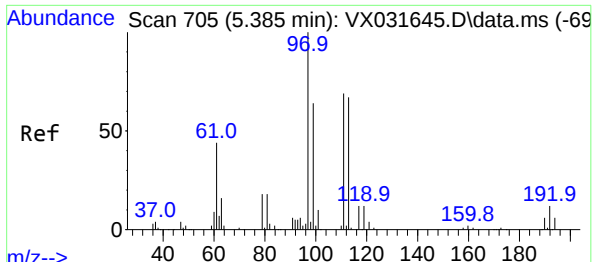
Ion Ratio Lower Upper

114 100

63 16.5 0.0 42.6

88 15.4 0.0 33.0

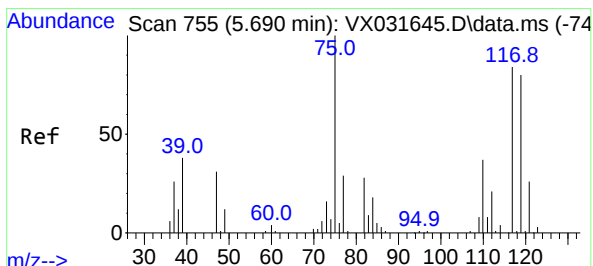
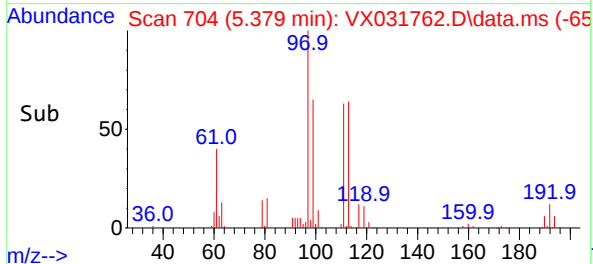
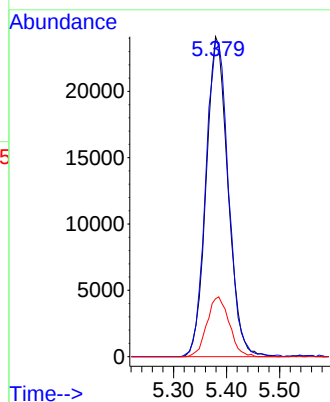
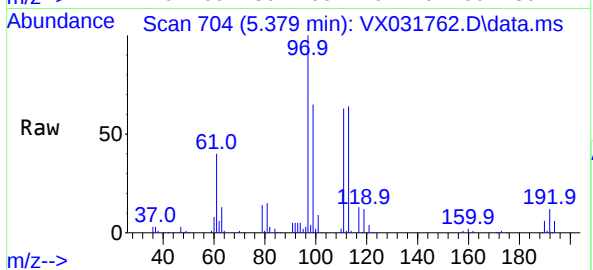




#35  
Dibromofluoromethane  
Concen: 49.904 ug/l  
RT: 5.379 min Scan# 705  
Delta R.T. -0.012 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

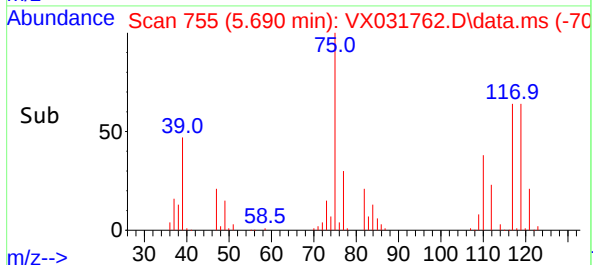
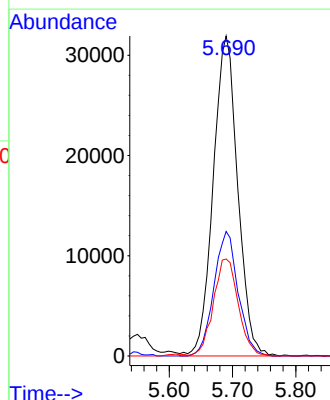
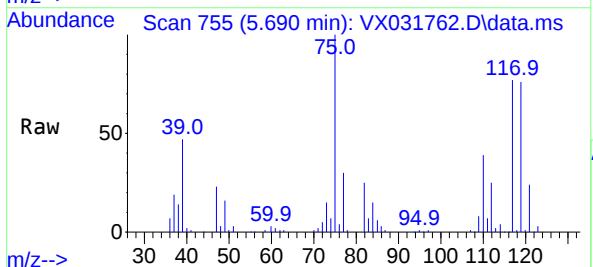
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

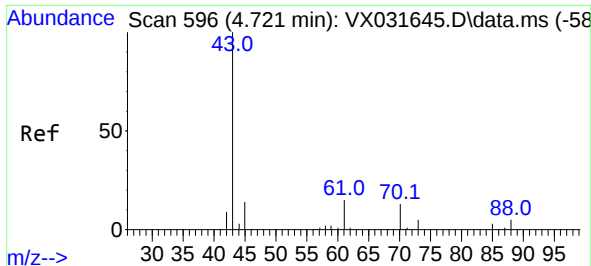
Tgt Ion:113 Resp: 68961  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.4 123.6  
192 19.0 14.1 21.1



#36  
1,1-Dichloropropene  
Concen: 53.982 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 75 Resp: 85669  
Ion Ratio Lower Upper  
75 100  
110 38.5 17.5 52.5  
77 30.8 24.9 37.3





#37

Ethyl Acetate

Concen: 46.073 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.007 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

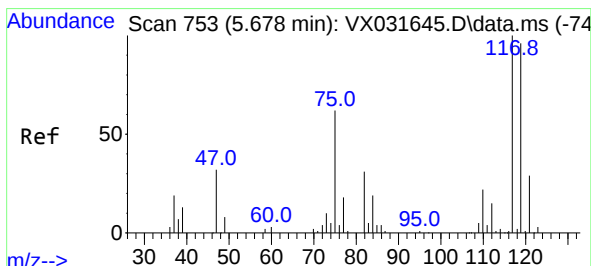
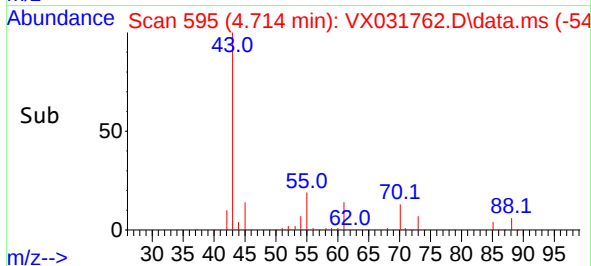
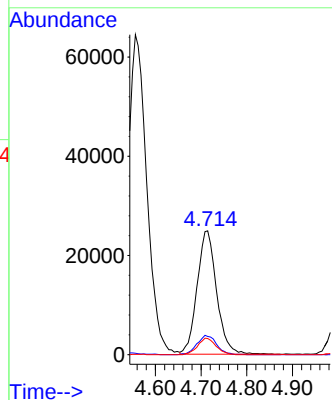
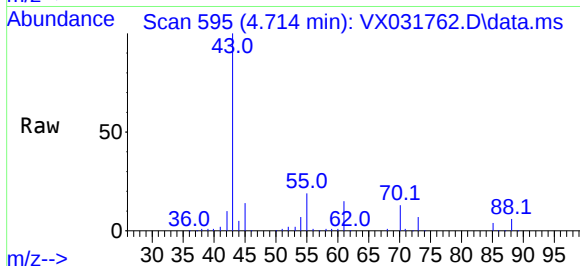
Tgt Ion: 43 Resp: 73751

Ion Ratio Lower Upper

43 100

61 15.7 11.1 16.7

70 12.6 8.6 13.0



#38

Carbon Tetrachloride

Concen: 57.174 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

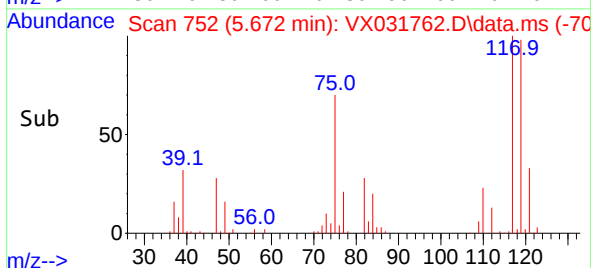
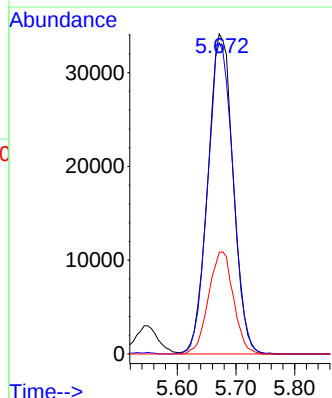
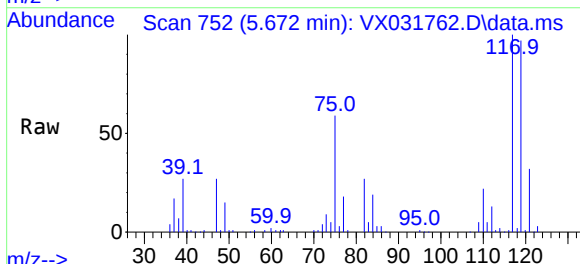
Tgt Ion: 117 Resp: 102256

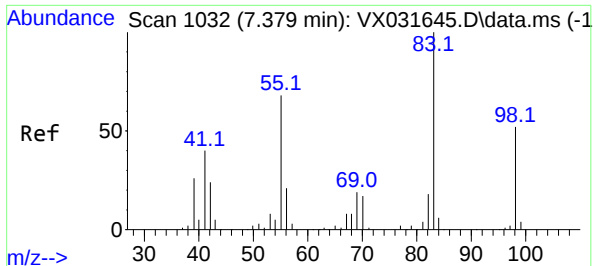
Ion Ratio Lower Upper

117 100

119 97.2 74.6 112.0

121 31.8 25.3 37.9





#39

Methylcyclohexane

Concen: 55.359 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

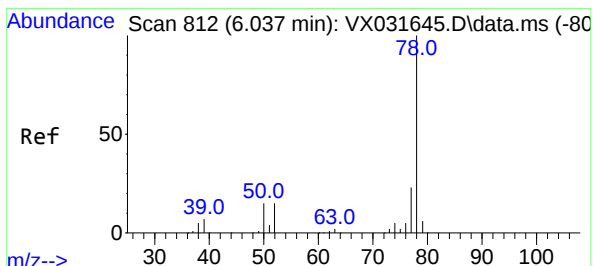
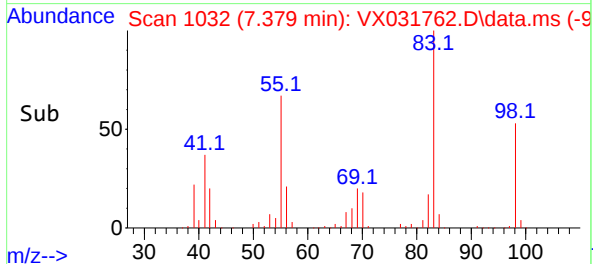
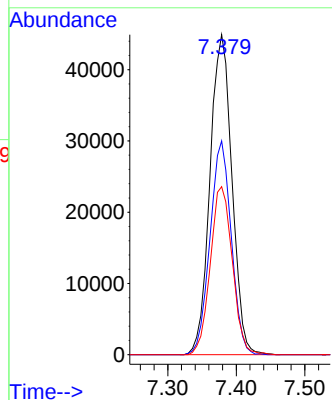
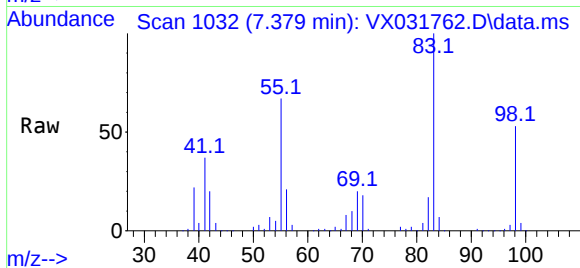
Tgt Ion: 83 Resp: 100099

Ion Ratio Lower Upper

83 100

55 66.8 61.0 91.4

98 52.5 37.7 56.5



#40

Benzene

Concen: 51.611 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX031762.D

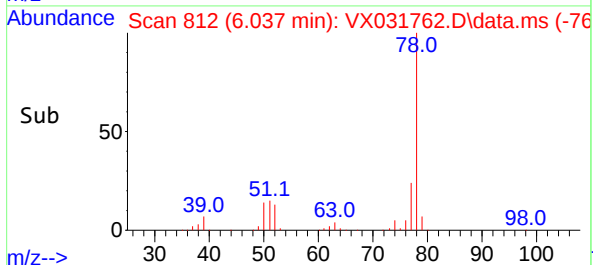
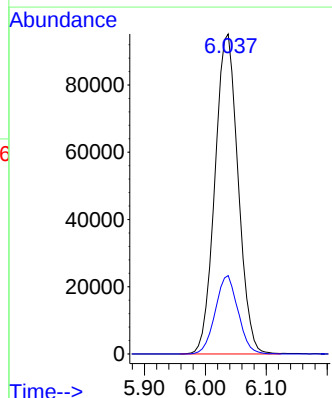
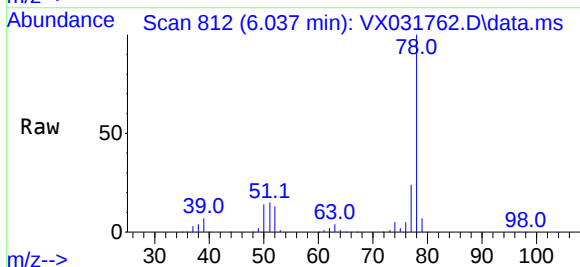
Acq: 29 Sep 2022 09:07

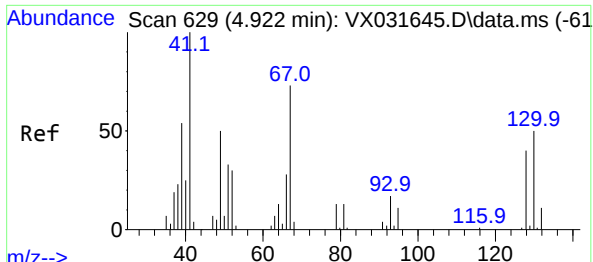
Tgt Ion: 78 Resp: 251558

Ion Ratio Lower Upper

78 100

77 24.5 18.7 28.1



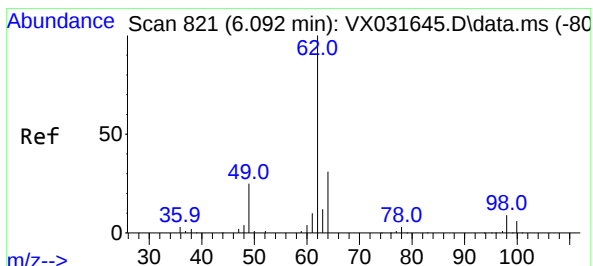
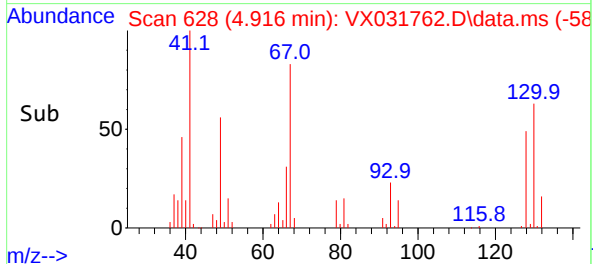
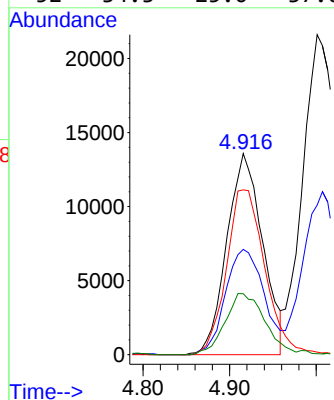
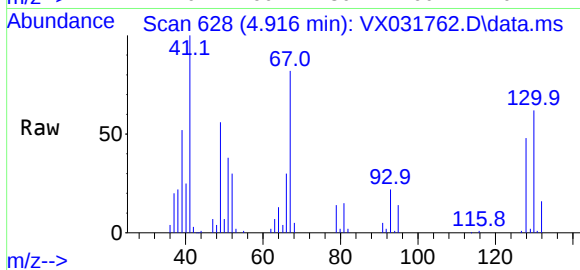


#41  
Methacrylonitrile  
Concen: 48.027 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 39119

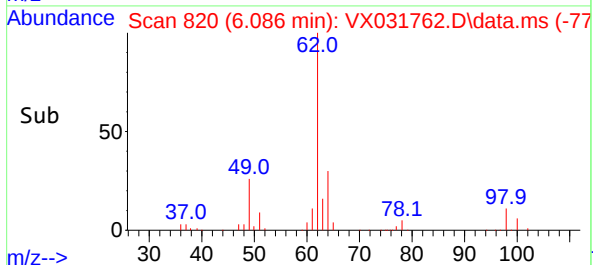
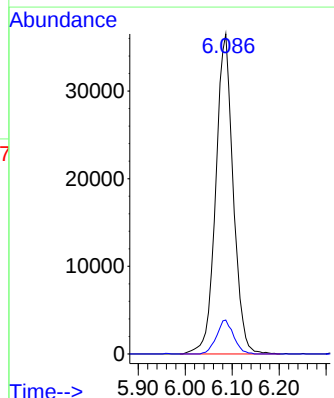
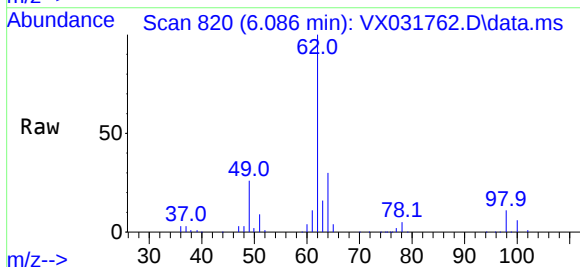
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.3  | 45.0  | 67.6  |
| 67  | 88.1  | 58.2  | 87.4  |
| 52  | 34.3  | 25.0  | 37.6  |

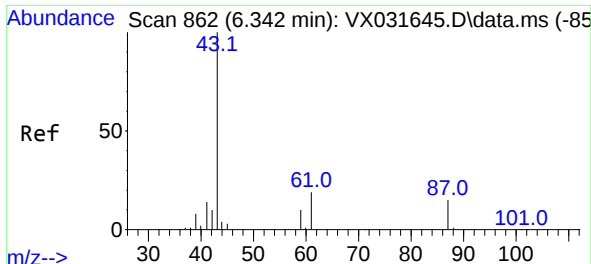


#42  
1,2-Dichloroethane  
Concen: 49.956 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 62 Resp: 94169

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.4  | 0.0   | 17.8  |





#43

Isopropyl Acetate

Concen: 47.935 ug/l

RT: 6.336 min Scan# 8

Delta R.T. -0.006 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

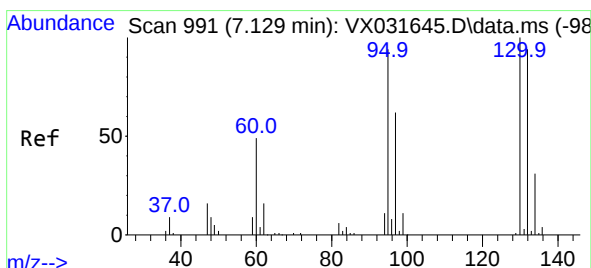
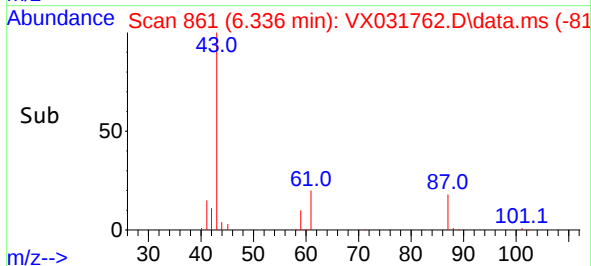
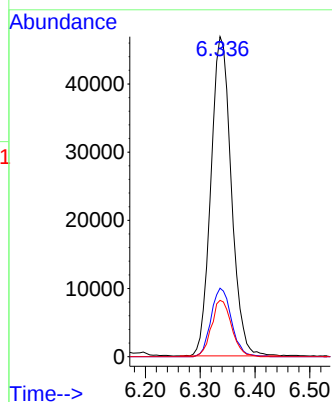
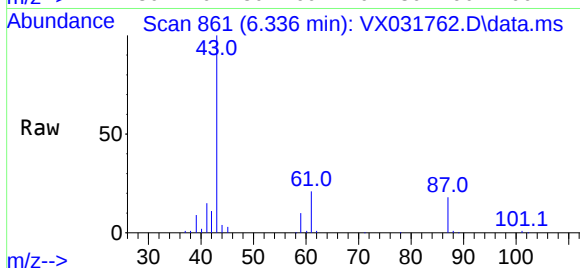
Tgt Ion: 43 Resp: 120767

Ion Ratio Lower Upper

43 100

61 21.5 15.3 22.9

87 17.4 10.6 15.8#



#44

Trichloroethene

Concen: 56.816 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX031762.D

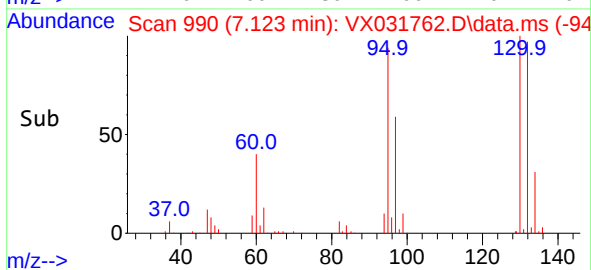
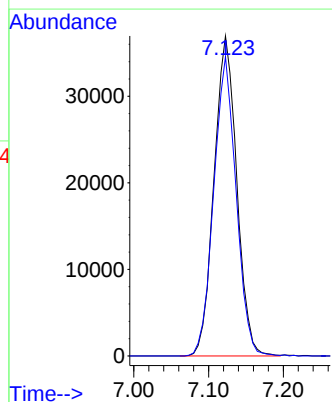
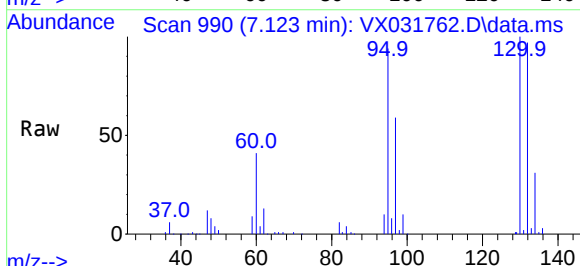
Acq: 29 Sep 2022 09:07

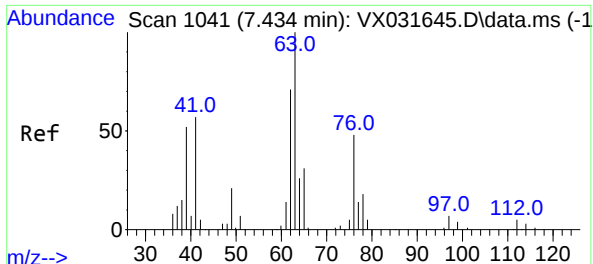
Tgt Ion:130 Resp: 78219

Ion Ratio Lower Upper

130 100

95 93.5 0.0 206.8





#45

1,2-Dichloropropane

Concen: 51.257 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

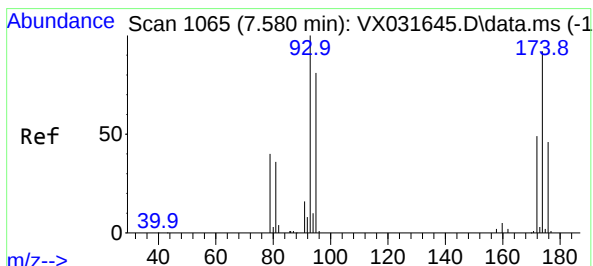
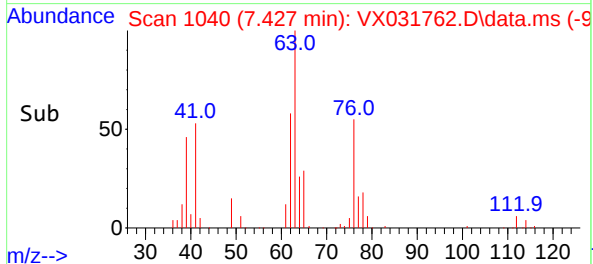
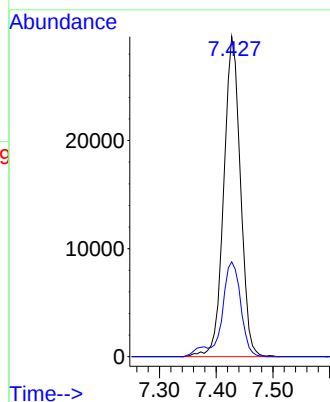
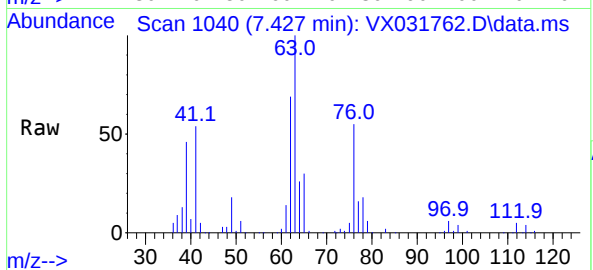
VSTDCCC050

Tgt Ion: 63 Resp: 60633

Ion Ratio Lower Upper

63 100

65 29.6 26.6 39.8



#46

Dibromomethane

Concen: 54.525 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

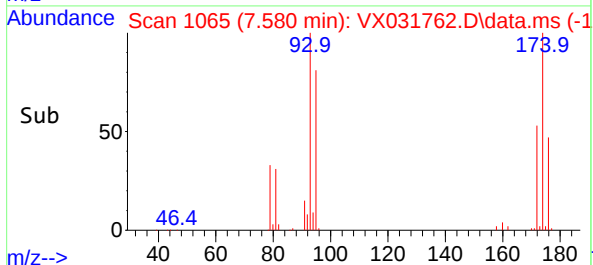
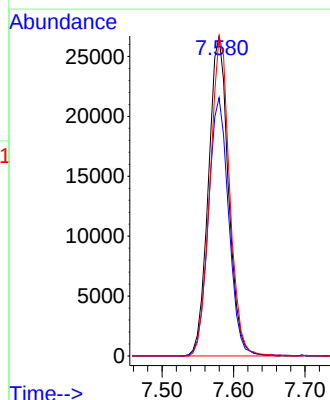
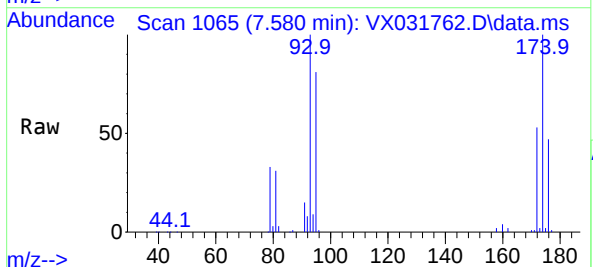
Tgt Ion: 93 Resp: 51799

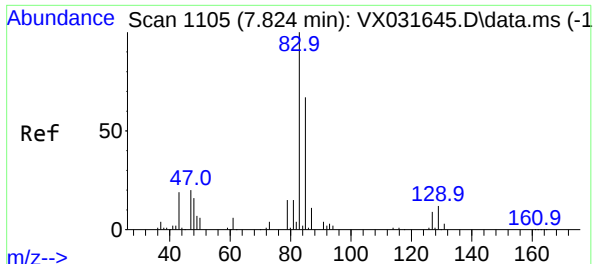
Ion Ratio Lower Upper

93 100

95 81.6 65.5 98.3

174 97.9 67.6 101.4

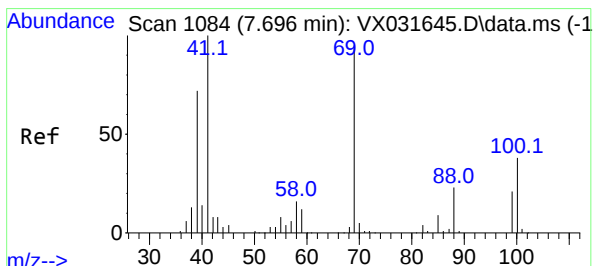
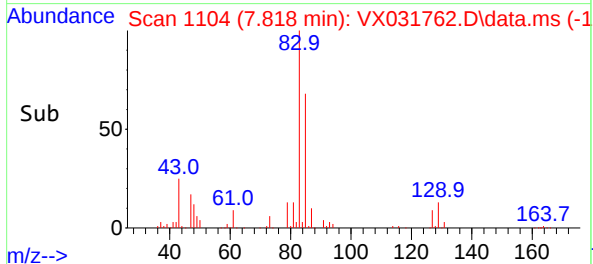
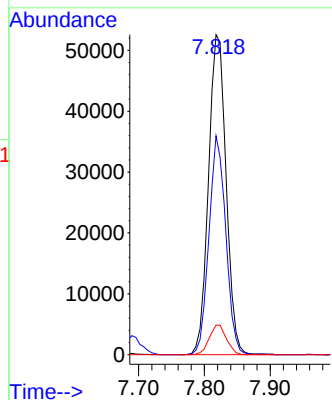
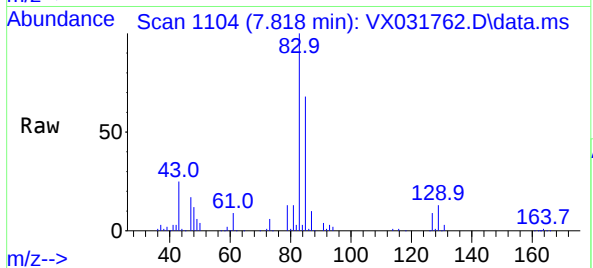




#47  
Bromodichloromethane  
Concen: 57.238 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

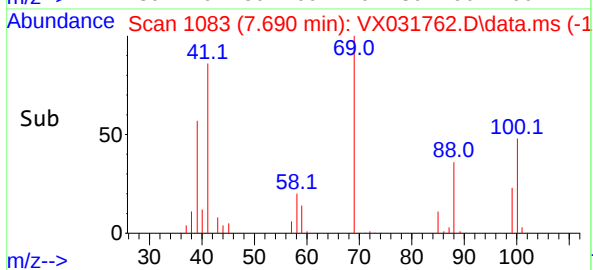
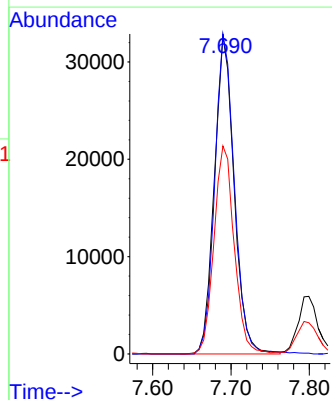
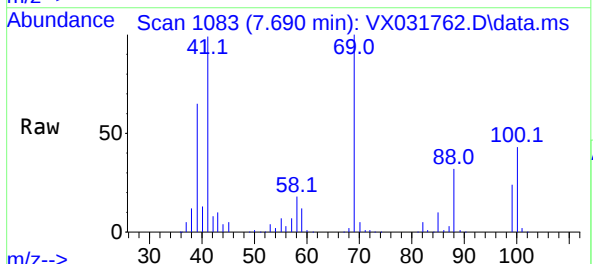
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

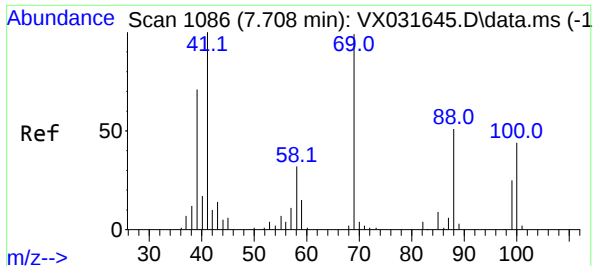
Tgt Ion: 83 Resp: 98124  
Ion Ratio Lower Upper  
83 100  
85 68.4 51.0 76.6  
127 9.2 7.0 10.6



#48  
Methyl methacrylate  
Concen: 51.730 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 41 Resp: 57316  
Ion Ratio Lower Upper  
41 100  
69 100.1 64.6 96.8#  
39 66.9 51.4 77.0





#49

1,4-Dioxane

Concen: 1174.471 ug/l

RT: 7.696 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

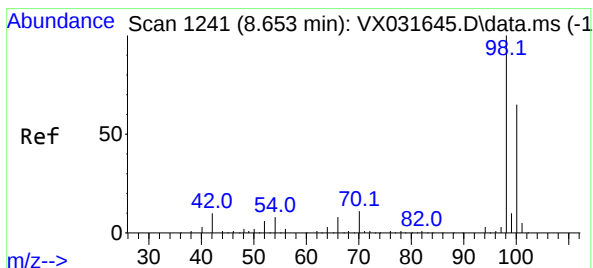
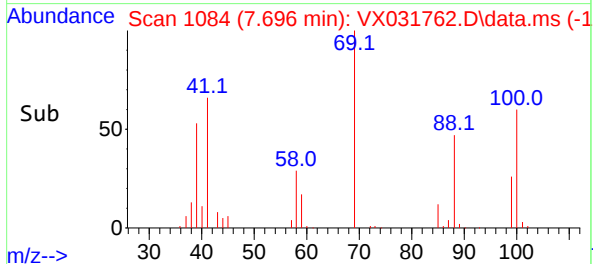
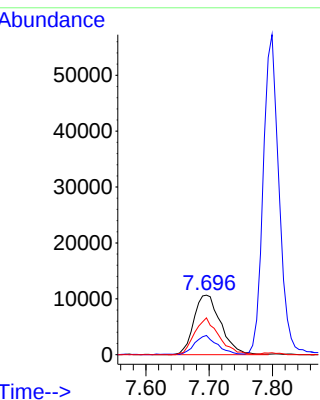
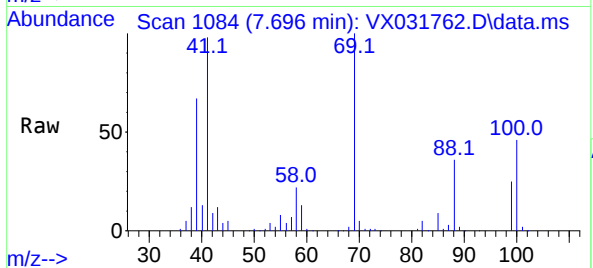
Tgt Ion: 88 Resp: 31463

Ion Ratio Lower Upper

88 100

43 26.3 27.1 40.7#

58 55.7 53.9 80.9



#50

Toluene-d8

Concen: 50.604 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031762.D

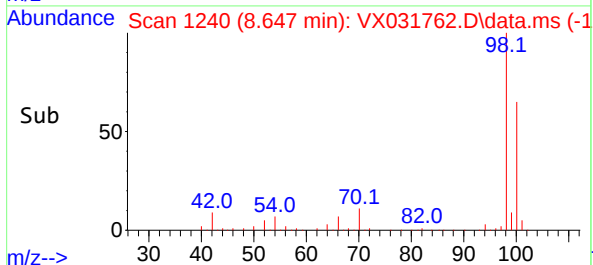
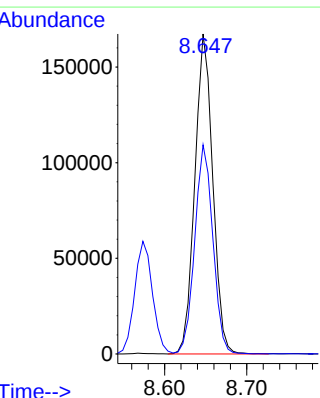
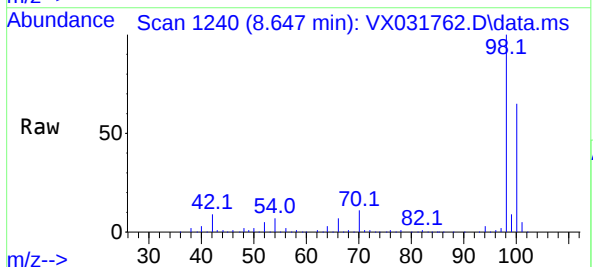
Acq: 29 Sep 2022 09:07

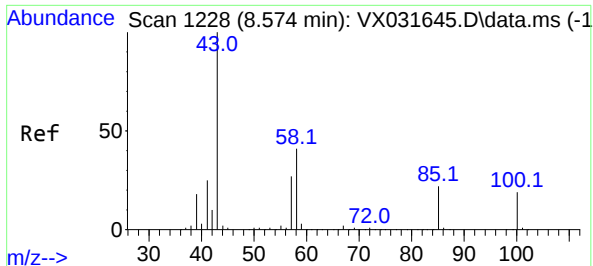
Tgt Ion: 98 Resp: 253519

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7

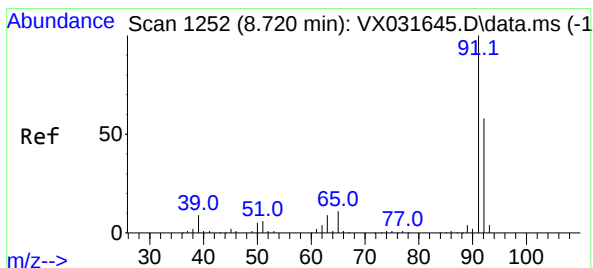
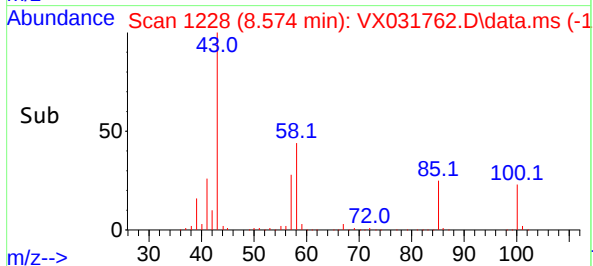
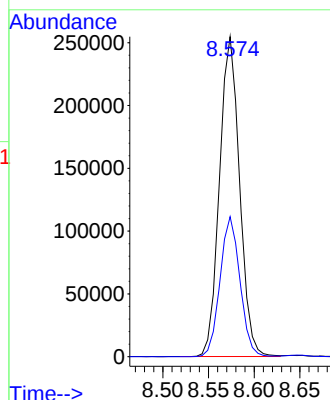
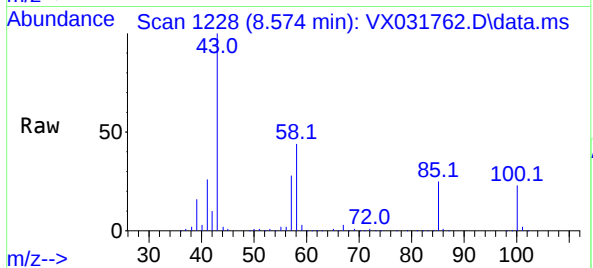




#51  
4-Methyl-2-Pentanone  
Concen: 244.752 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

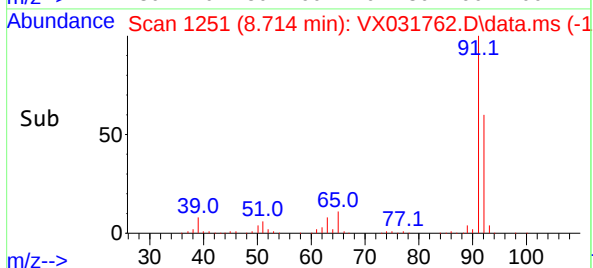
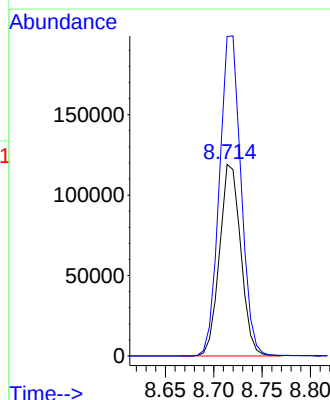
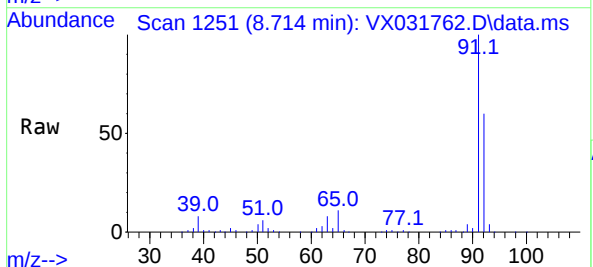
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

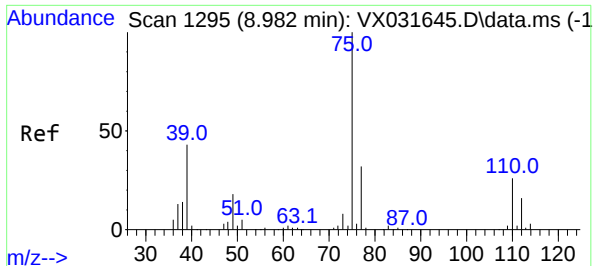
Tgt Ion: 43 Resp: 390304  
Ion Ratio Lower Upper  
43 100  
58 43.3 30.6 46.0



#52  
Toluene  
Concen: 55.844 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 92 Resp: 181436  
Ion Ratio Lower Upper  
92 100  
91 170.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 50.807 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

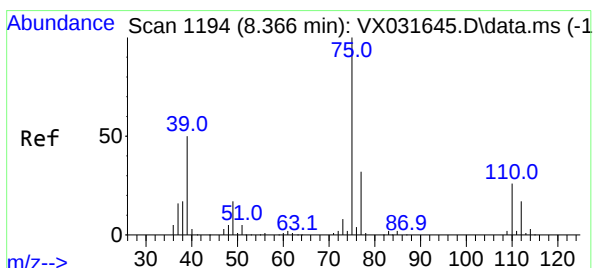
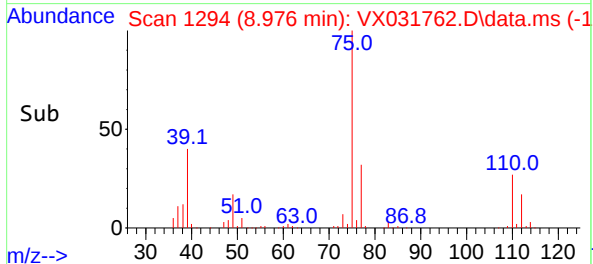
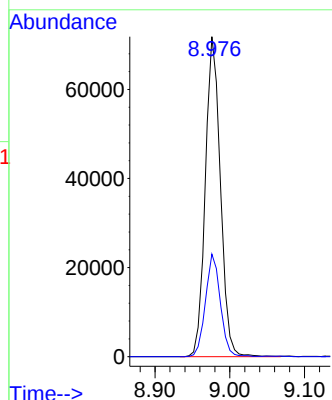
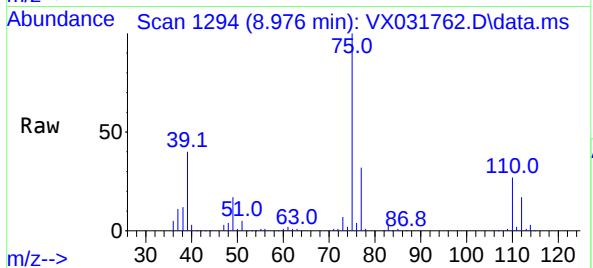
VSTDCCC050

Tgt Ion: 75 Resp: 100656

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 58.876 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

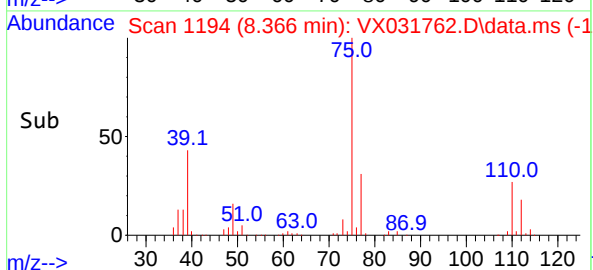
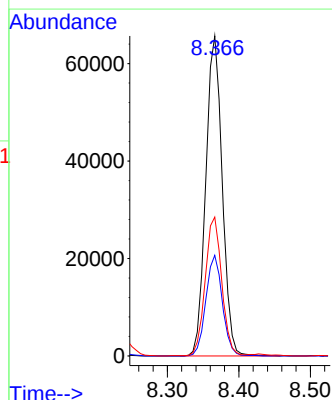
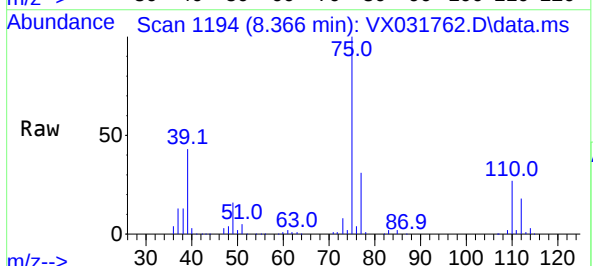
Tgt Ion: 75 Resp: 104891

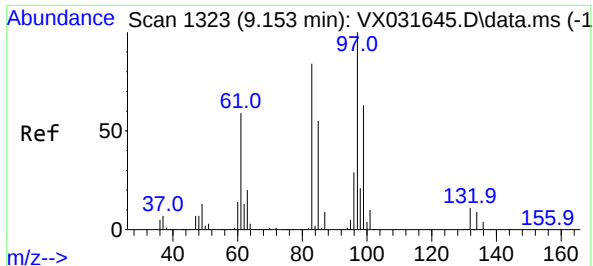
Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

39 43.3 43.7 65.5#



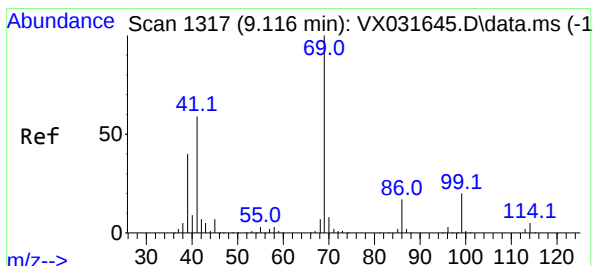
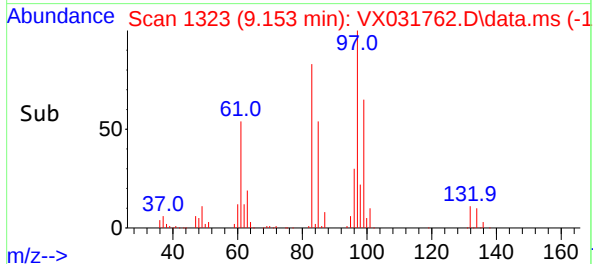
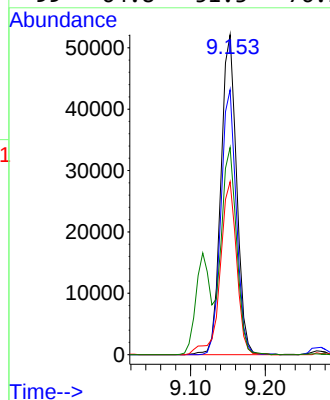
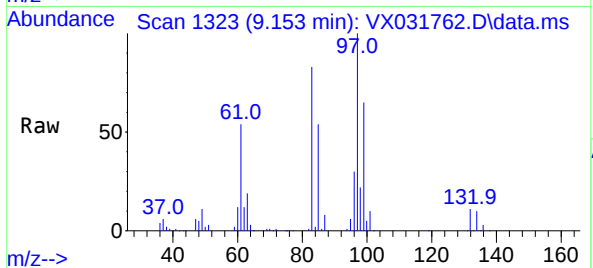


#55  
1,1,2-Trichloroethane  
Concen: 54.397 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 76093

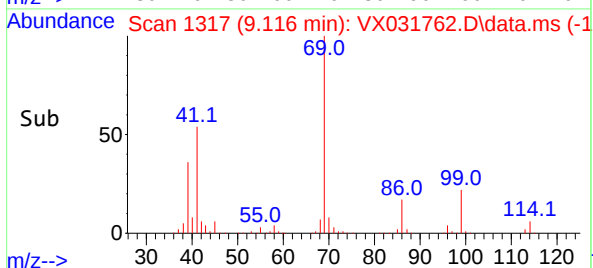
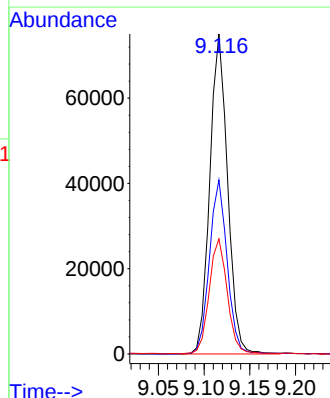
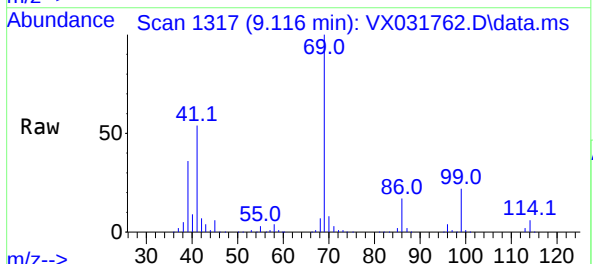
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.8  | 69.0  | 103.6 |
| 85  | 54.1  | 44.1  | 66.1  |
| 99  | 64.8  | 51.3  | 76.9  |

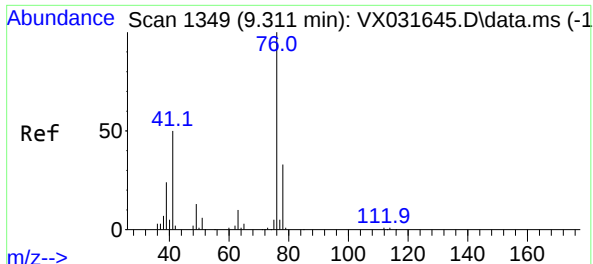


#56  
Ethyl methacrylate  
Concen: 56.591 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 69 Resp: 101283

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.7  | 54.2  | 81.4  |
| 39  | 36.9  | 34.2  | 51.2  |

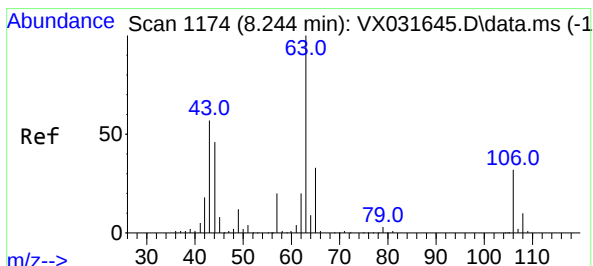
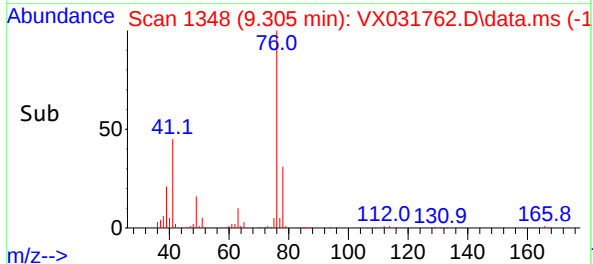
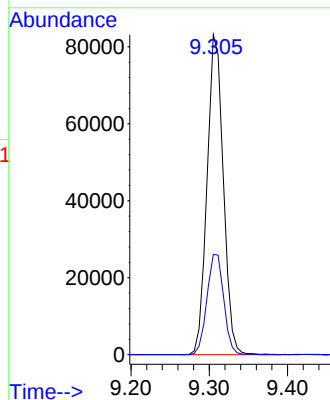
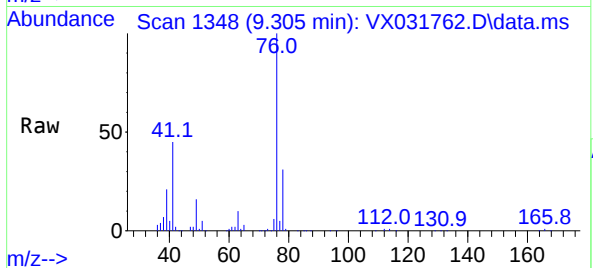




#57  
1,3-Dichloropropane  
Concen: 53.981 ug/l  
RT: 9.305 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

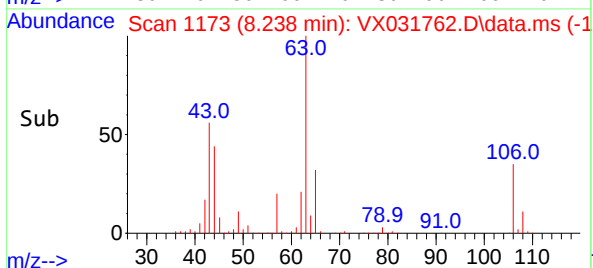
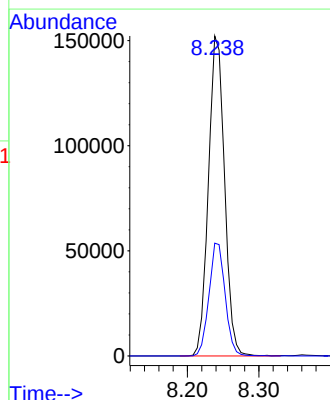
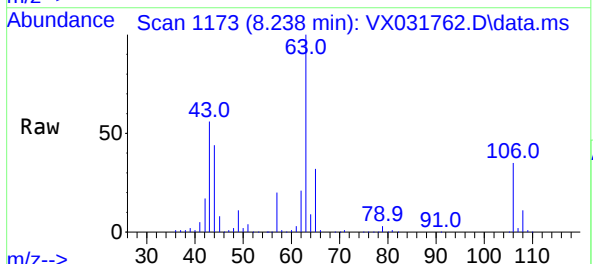
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

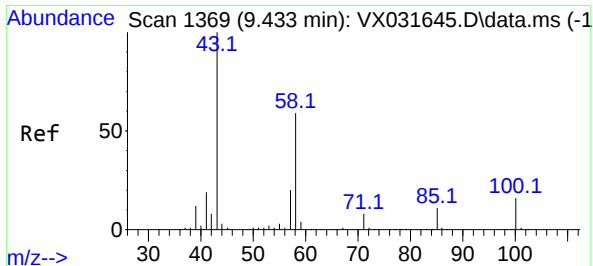
Tgt Ion: 76 Resp: 119586  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.5 38.3



#58  
2-Chloroethyl Vinyl ether  
Concen: 270.707 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 63 Resp: 238570  
Ion Ratio Lower Upper  
63 100  
106 35.3 22.6 34.0#





#59

2-Hexanone

Concen: 249.366 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

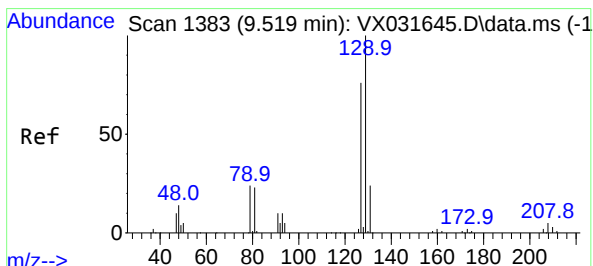
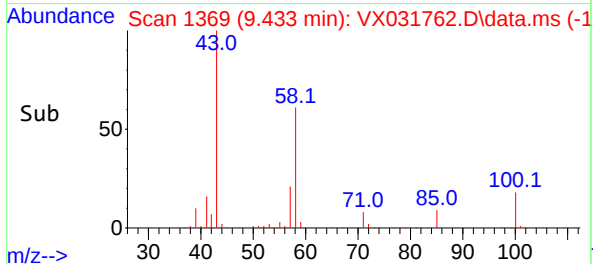
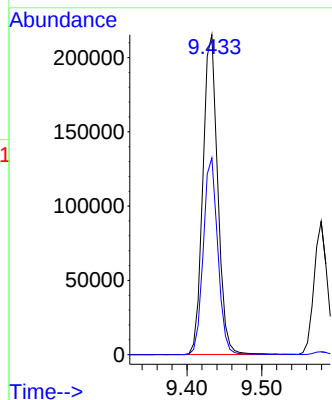
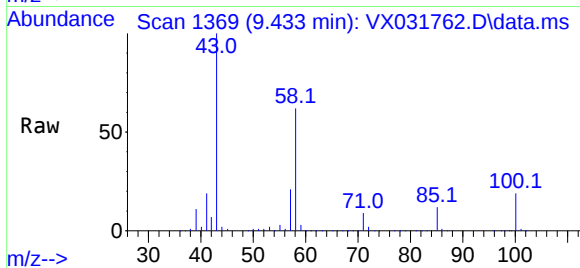
VSTDCCC050

Tgt Ion: 43 Resp: 296699

Ion Ratio Lower Upper

43 100

58 60.2 26.7 80.0



#60

Dibromochloromethane

Concen: 53.433 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VX031762.D

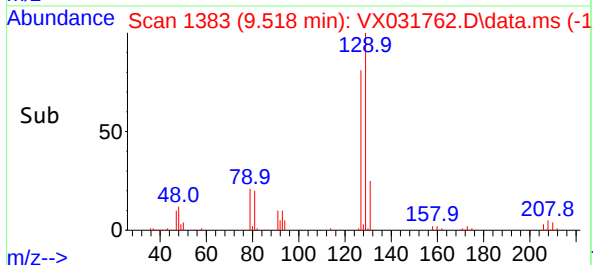
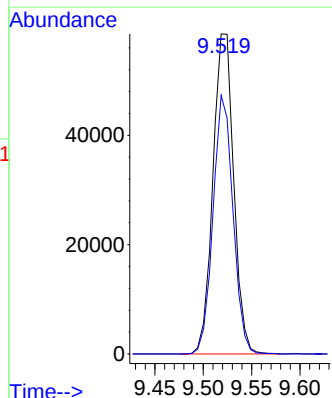
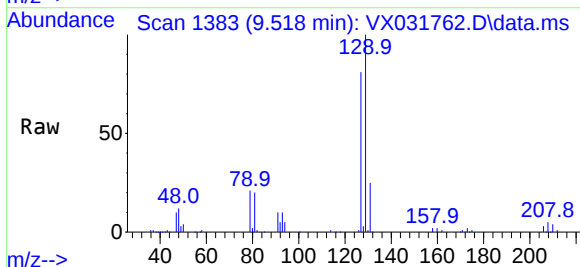
Acq: 29 Sep 2022 09:07

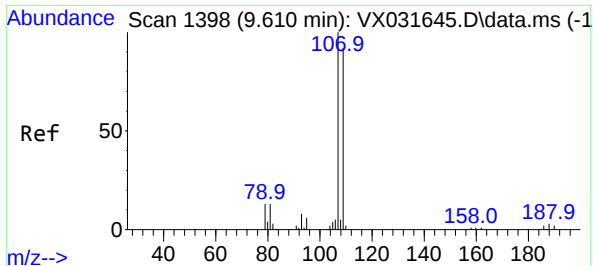
Tgt Ion: 129 Resp: 87450

Ion Ratio Lower Upper

129 100

127 77.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 59.009 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

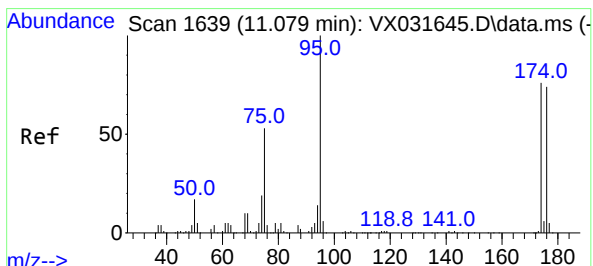
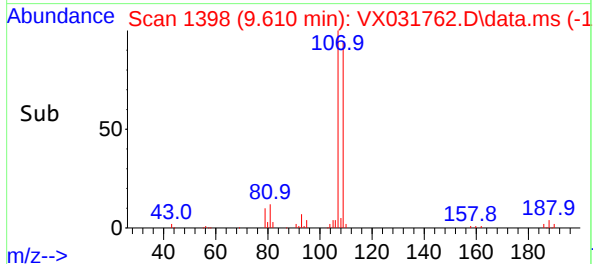
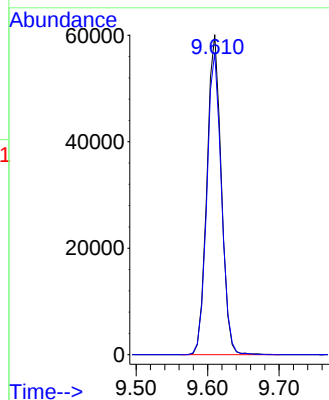
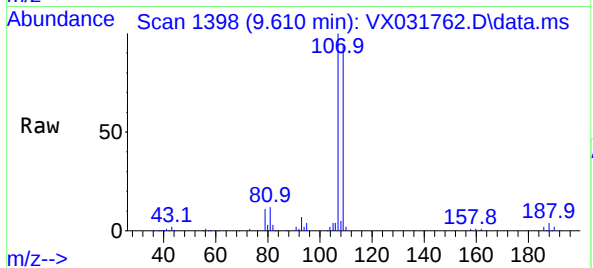
VSTDCCC050

Tgt Ion:107 Resp: 83791

Ion Ratio Lower Upper

107 100

109 95.6 74.2 111.4



#62

4-Bromofluorobenzene

Concen: 55.104 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

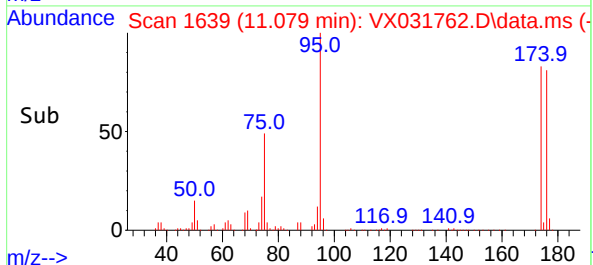
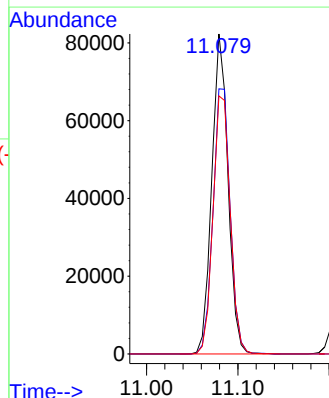
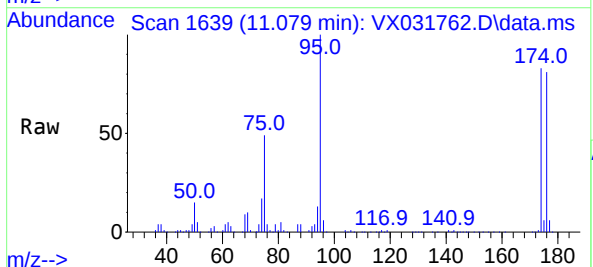
Tgt Ion: 95 Resp: 101182

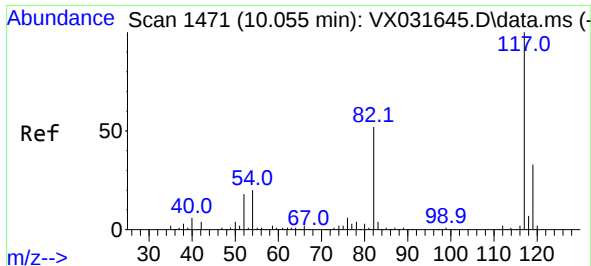
Ion Ratio Lower Upper

95 100

174 88.0 0.0 153.2

176 85.8 0.0 144.0

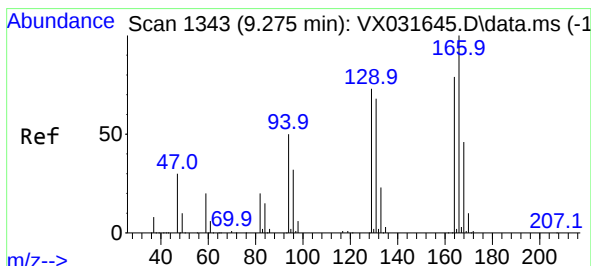
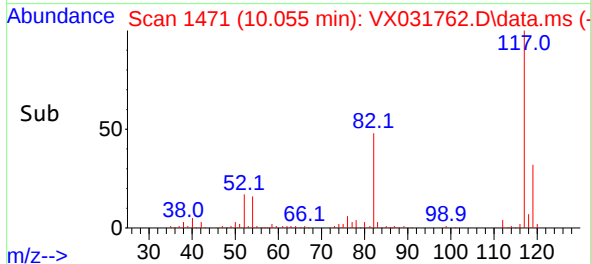
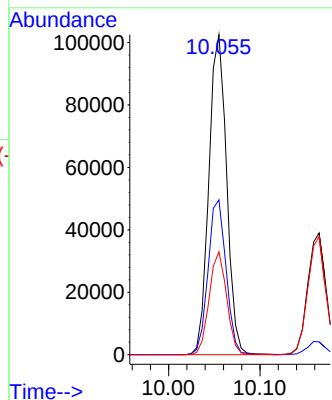
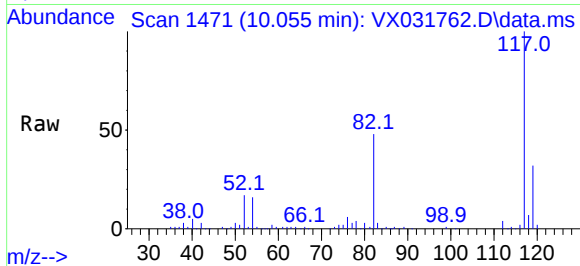




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

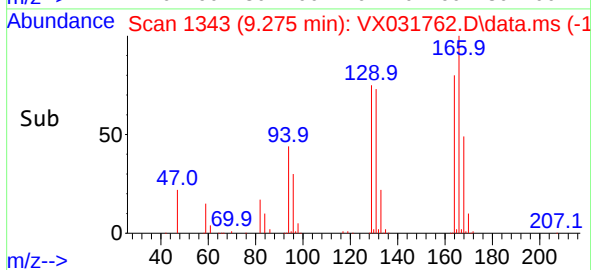
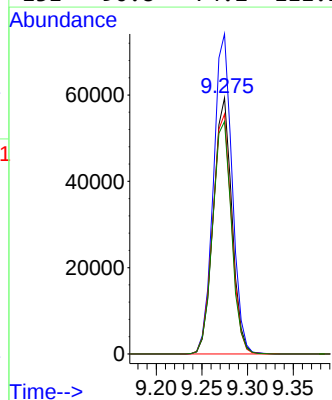
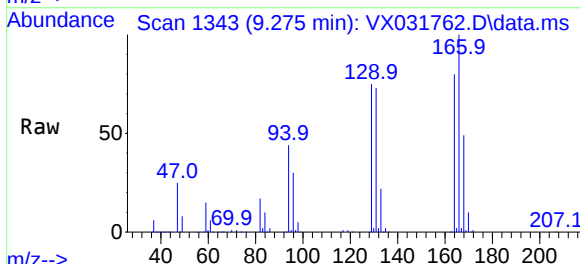
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

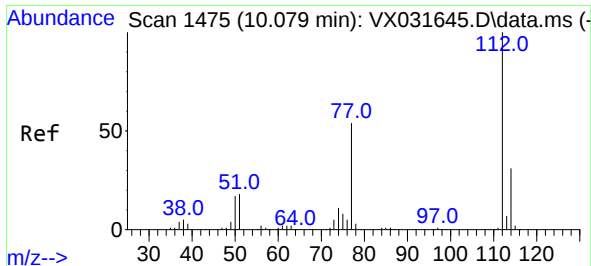
Tgt Ion:117 Resp: 138035  
Ion Ratio Lower Upper  
117 100  
82 48.4 46.8 70.2  
119 32.1 26.4 39.6



#64  
Tetrachloroethene  
Concen: 56.599 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion:164 Resp: 83507  
Ion Ratio Lower Upper  
164 100  
166 125.0 99.0 148.4  
129 93.7 78.0 117.0  
131 90.8 74.2 111.2

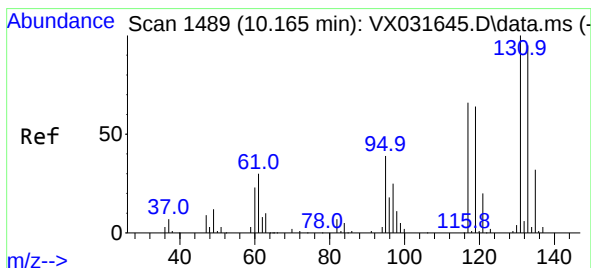
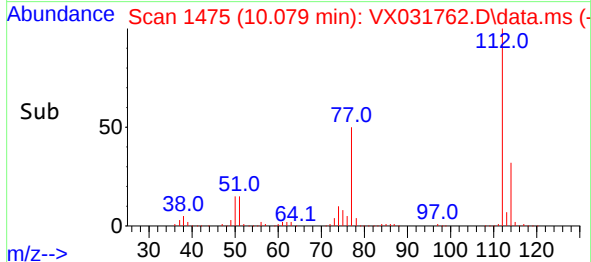
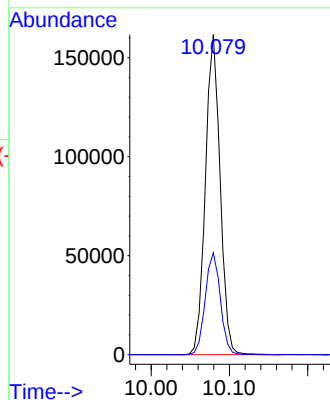
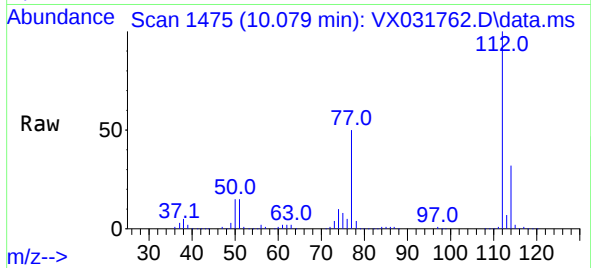




#65  
Chlorobenzene  
Concen: 54.691 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

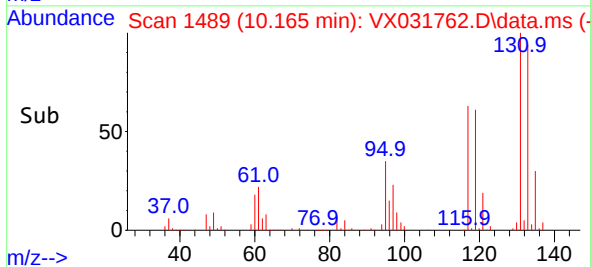
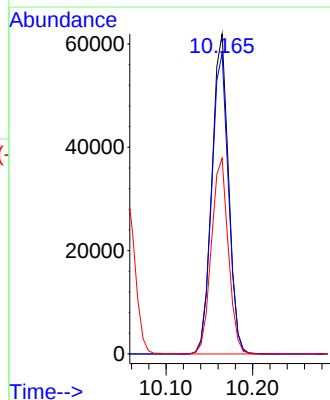
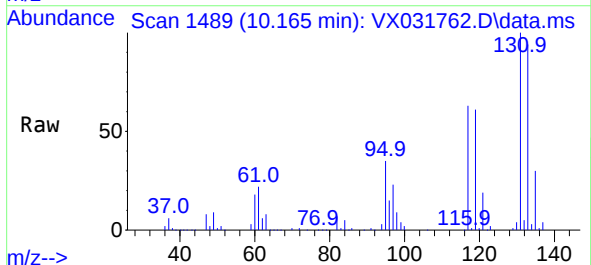
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

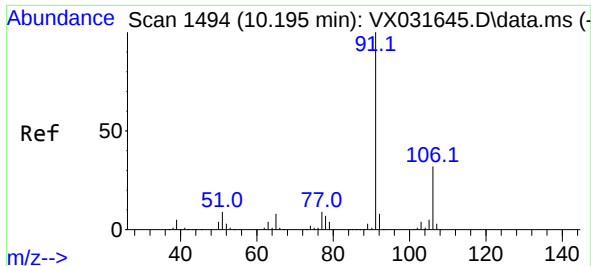
Tgt Ion:112 Resp: 210317  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 59.614 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion:131 Resp: 82486  
Ion Ratio Lower Upper  
131 100  
133 95.0 46.6 139.7  
119 62.4 31.9 95.9





#67

Ethyl Benzene

Concen: 54.787 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

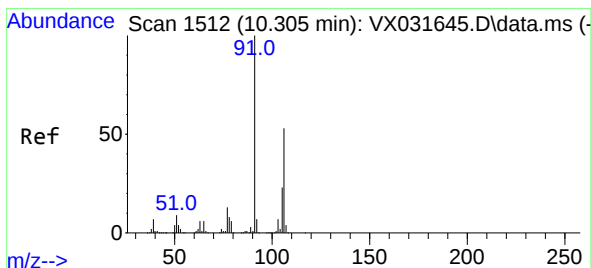
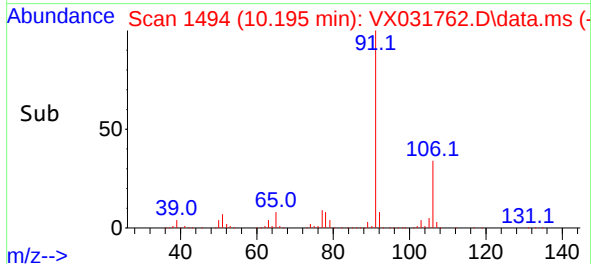
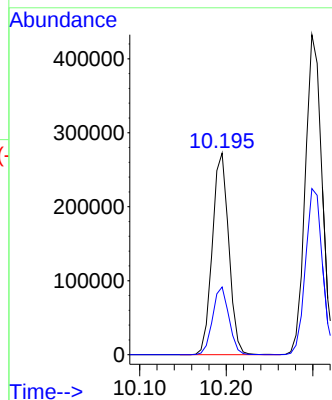
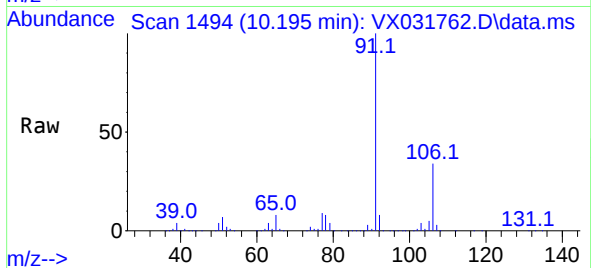
VSTDCCC050

Tgt Ion: 91 Resp: 358405

Ion Ratio Lower Upper

91 100

106 33.6 25.2 37.8



#68

m/p-Xylenes

Concen: 115.236 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX031762.D

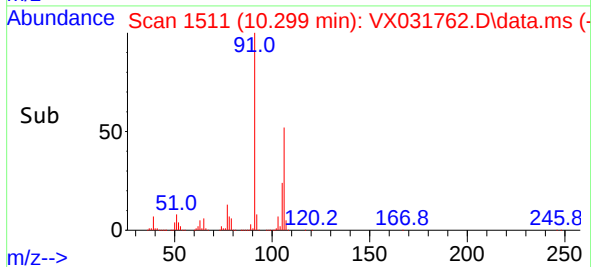
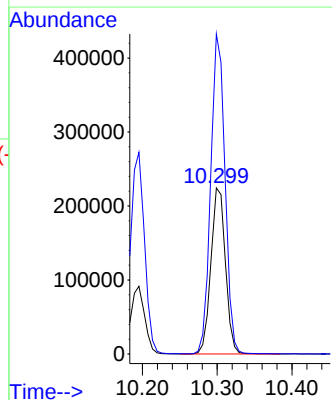
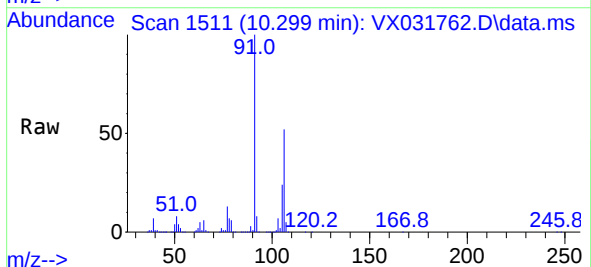
Acq: 29 Sep 2022 09:07

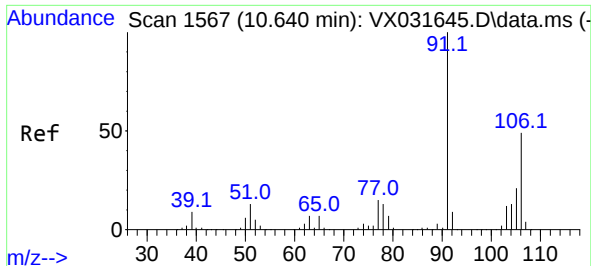
Tgt Ion: 106 Resp: 302892

Ion Ratio Lower Upper

106 100

91 190.2 161.0 241.4

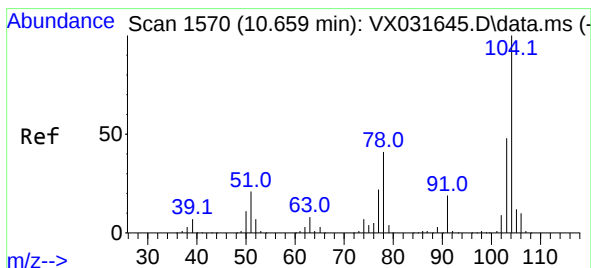
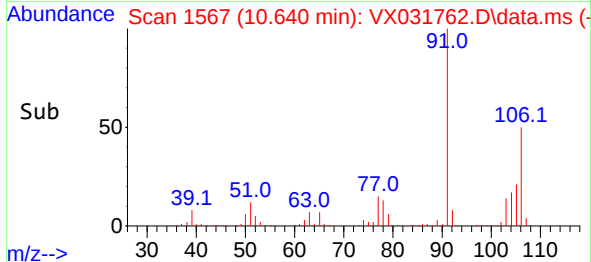
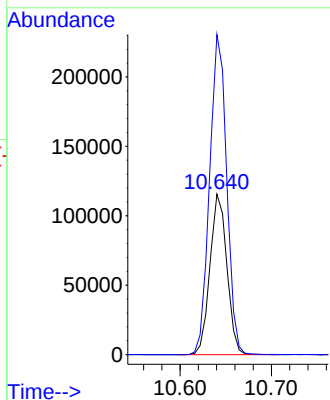
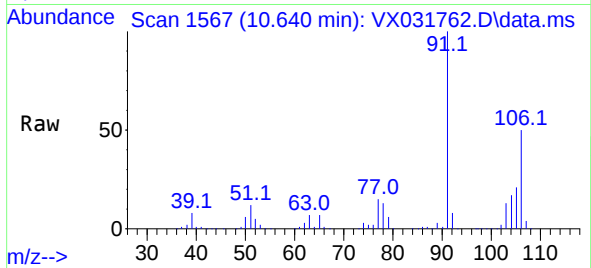




#69  
o-Xylene  
Concen: 57.786 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

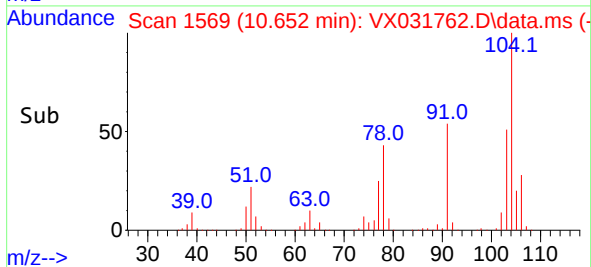
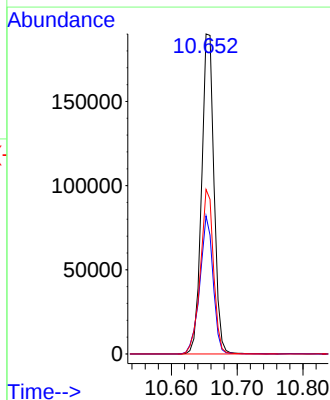
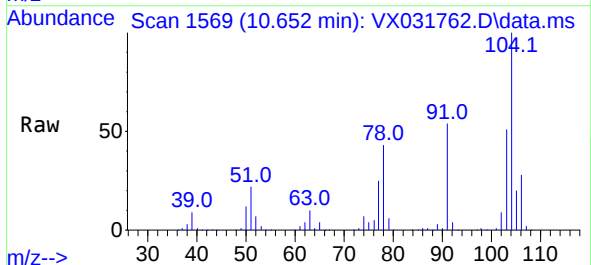
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 148461  
Ion Ratio Lower Upper  
106 100  
91 201.4 107.2 321.6



#70  
Styrene  
Concen: 59.796 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.007 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion:104 Resp: 250067  
Ion Ratio Lower Upper  
104 100  
78 45.8 41.4 62.2  
103 54.2 43.8 65.8

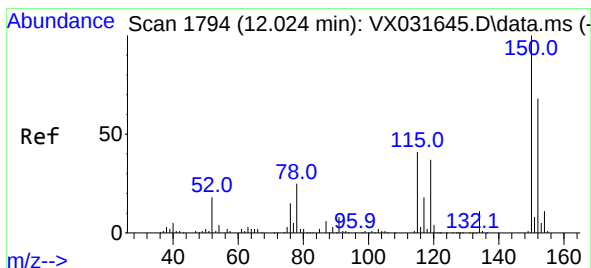
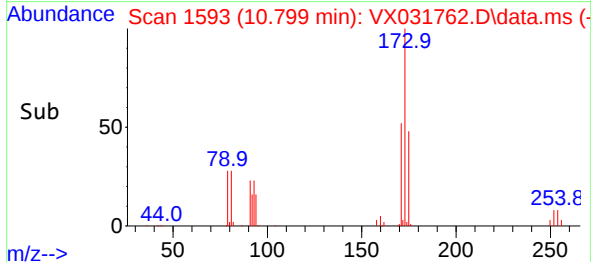
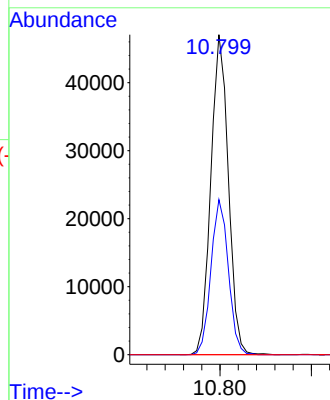
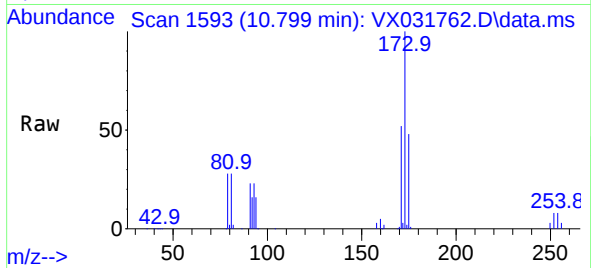




#71  
Bromoform  
Concen: 52.308 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

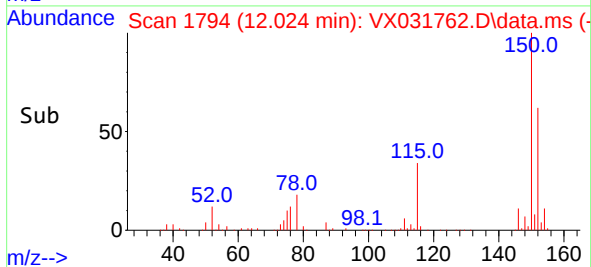
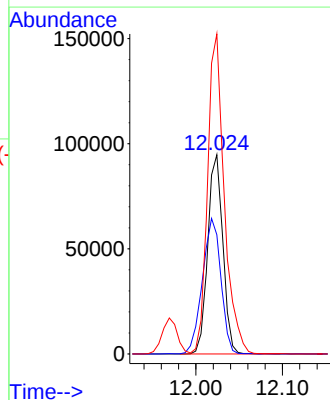
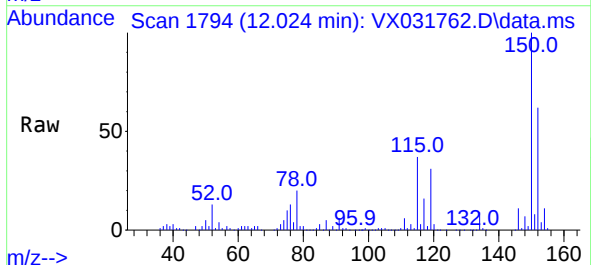
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

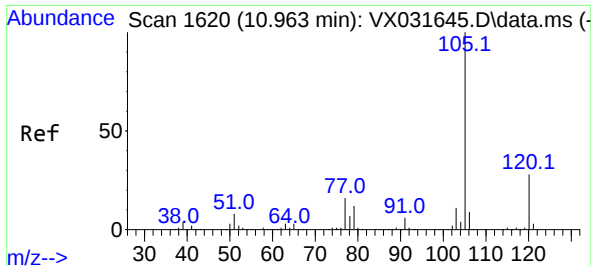
Tgt Ion:173 Resp: 62323  
Ion Ratio Lower Upper  
173 100  
175 48.2 24.0 72.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion:152 Resp: 114821  
Ion Ratio Lower Upper  
152 100  
115 83.4 43.4 130.1  
150 177.7 0.0 346.8

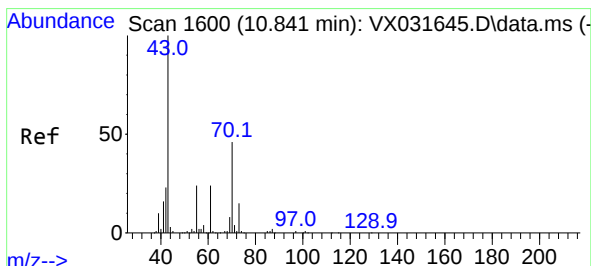
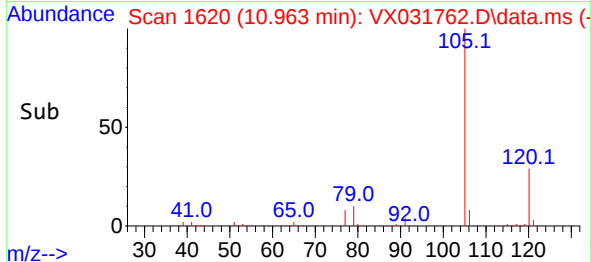
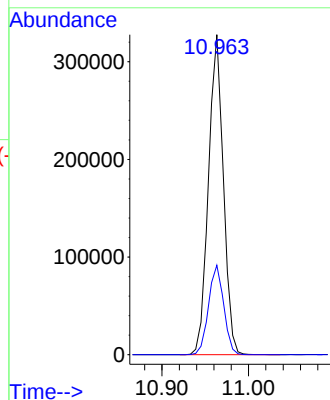
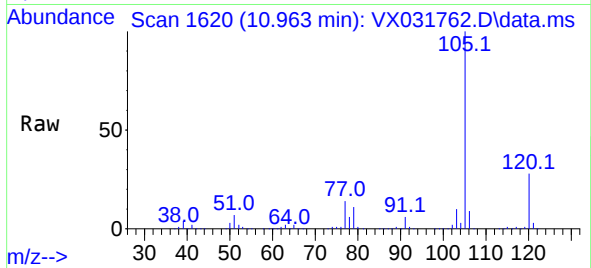




#73  
Isopropylbenzene  
Concen: 52.784 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

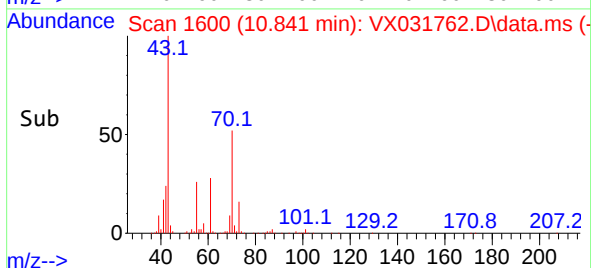
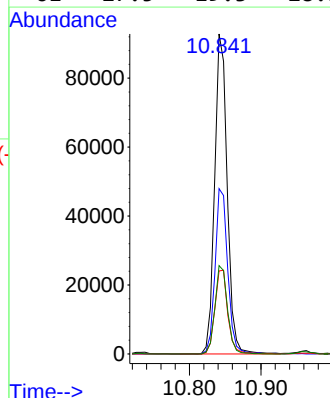
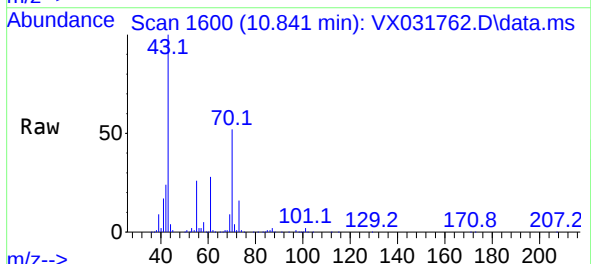
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

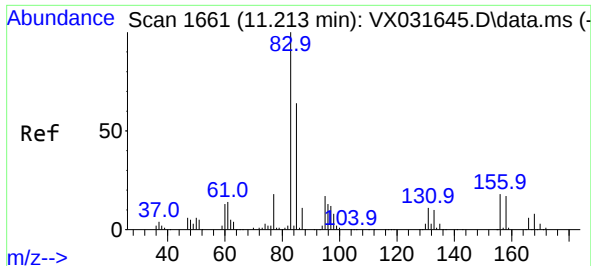
Tgt Ion:105 Resp: 391949  
Ion Ratio Lower Upper  
105 100  
120 28.3 13.7 41.0



#74  
N-ethyl acetate  
Concen: 46.906 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.001 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 43 Resp: 112981  
Ion Ratio Lower Upper  
43 100  
70 52.1 33.4 50.2#  
55 27.1 18.2 27.2  
61 27.5 19.3 28.9

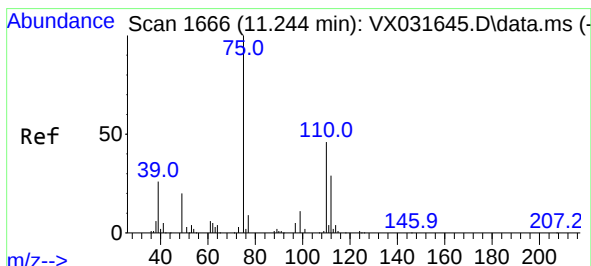
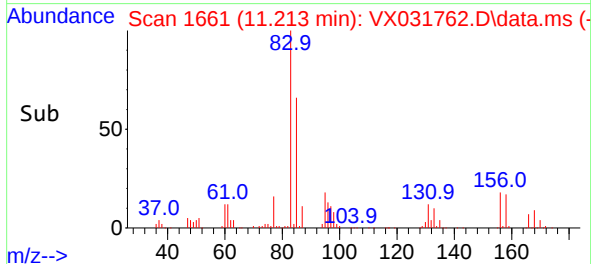
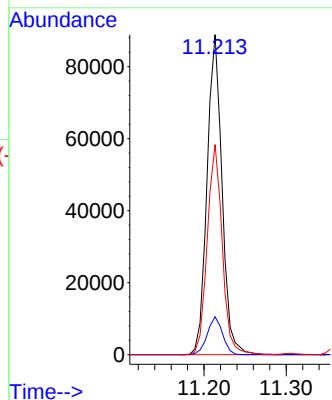
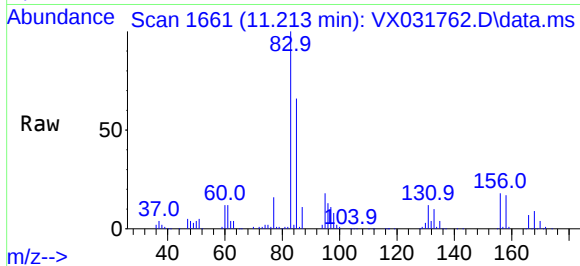




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.661 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

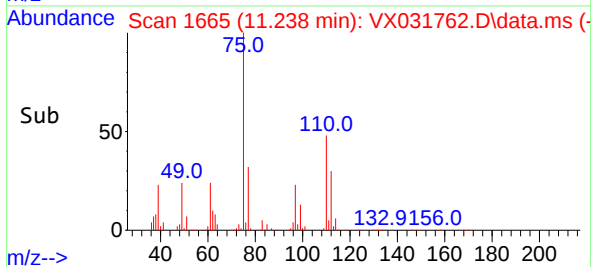
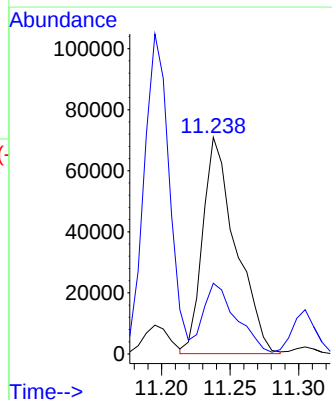
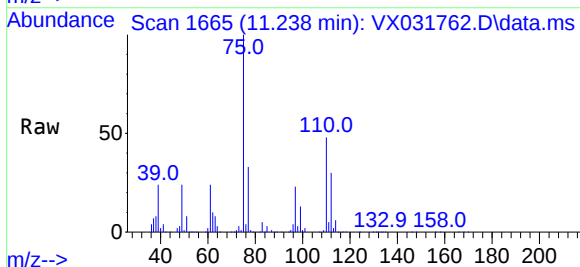
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

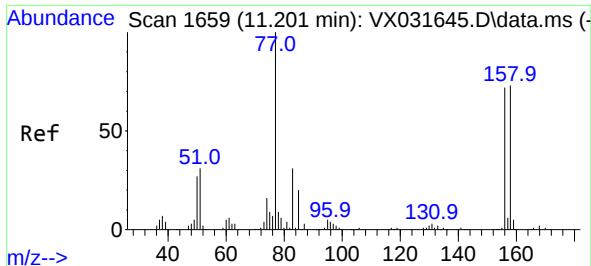
Tgt Ion: 83 Resp: 112452  
Ion Ratio Lower Upper  
83 100  
131 12.1 5.1 15.4  
85 65.6 32.6 97.8



#76  
1,2,3-Trichloropropane  
Concen: 57.188 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 75 Resp: 119041  
Ion Ratio Lower Upper  
75 100  
77 32.9 20.3 60.9

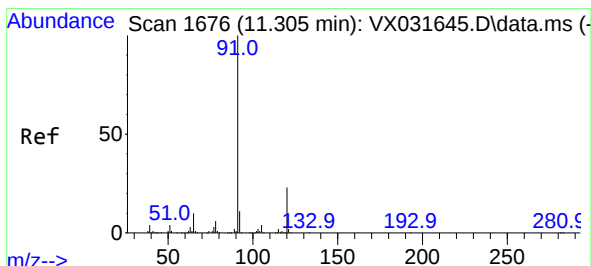
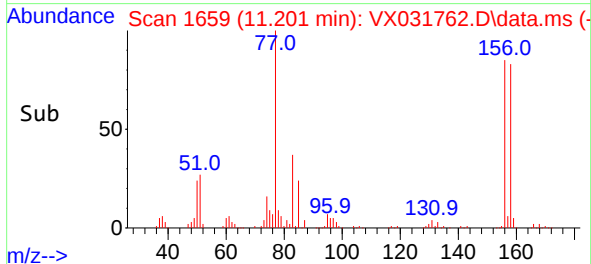
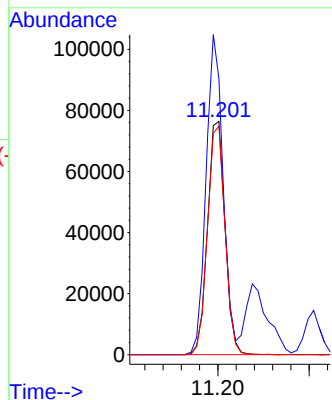
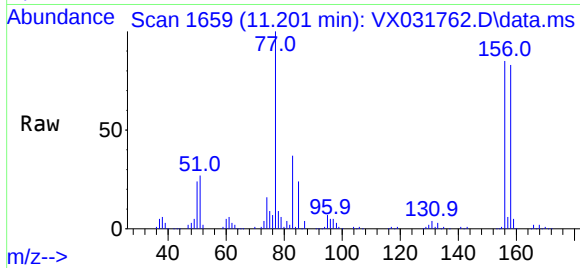




#77  
Bromobenzene  
Concen: 53.859 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

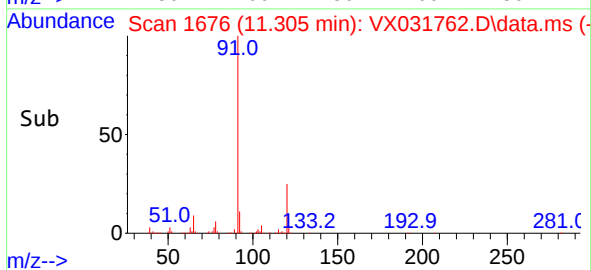
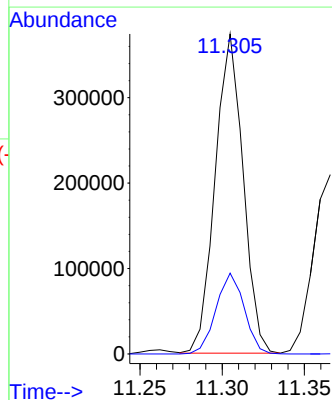
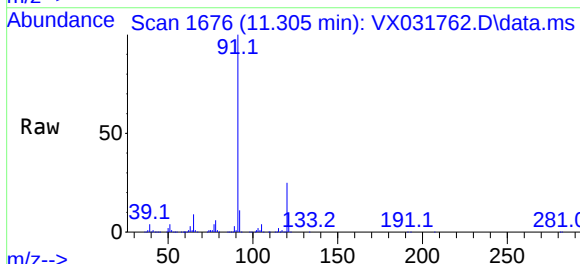
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

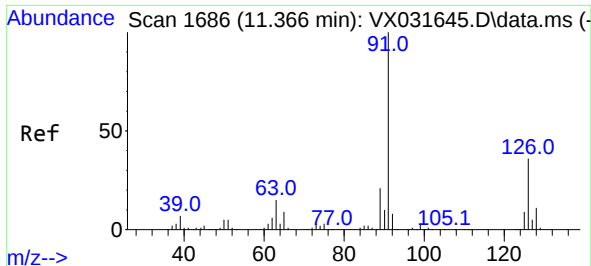
Tgt Ion:156 Resp: 101669  
Ion Ratio Lower Upper  
156 100  
77 131.6 79.5 238.6  
158 97.4 48.4 145.3



#78  
n-propylbenzene  
Concen: 53.327 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 91 Resp: 440642  
Ion Ratio Lower Upper  
91 100  
120 25.6 11.8 35.4

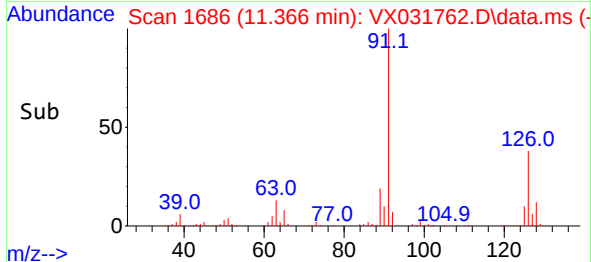
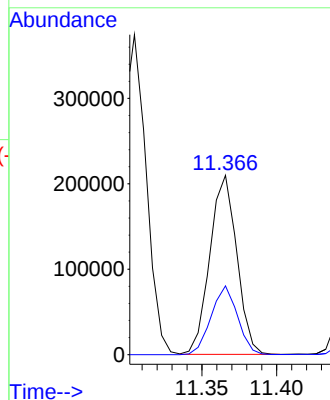
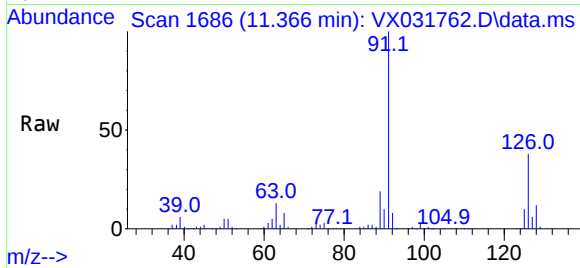




#79  
2-Chlorotoluene  
Concen: 51.475 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

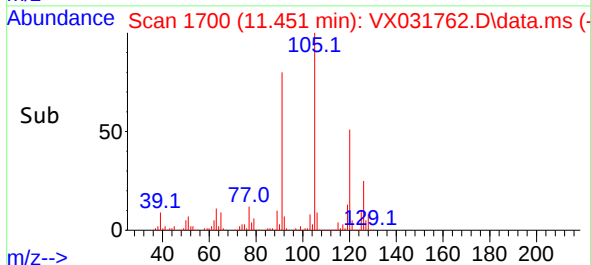
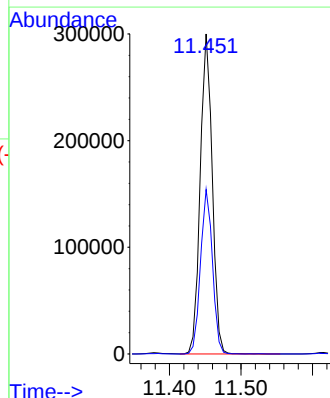
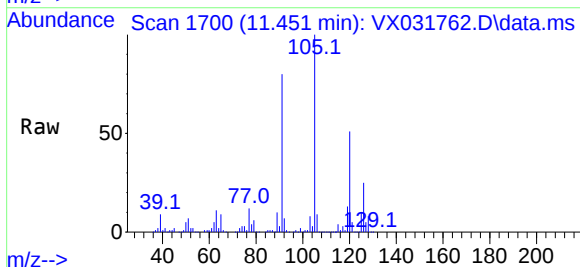
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

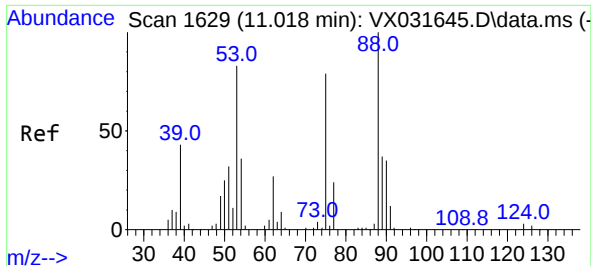
Tgt Ion: 91 Resp: 262651  
Ion Ratio Lower Upper  
91 100  
126 37.7 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 55.412 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 105 Resp: 348791  
Ion Ratio Lower Upper  
105 100  
120 51.1 24.5 73.5

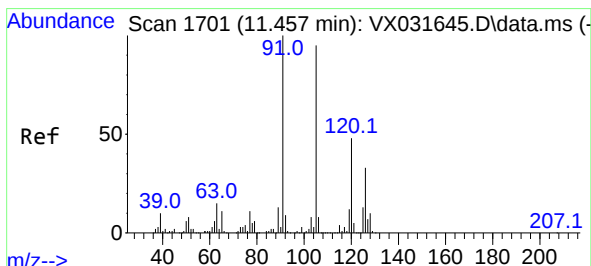
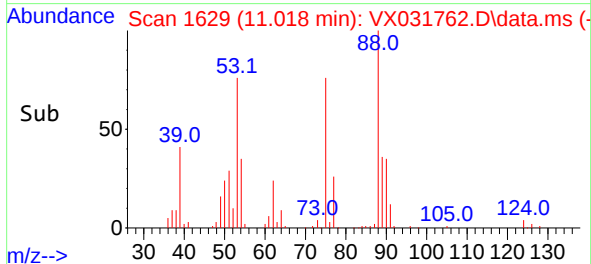
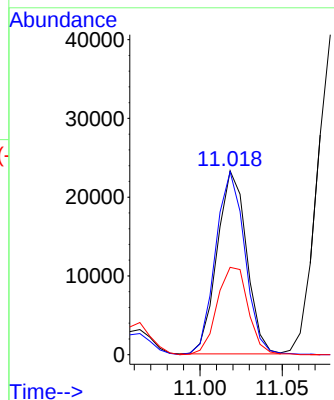
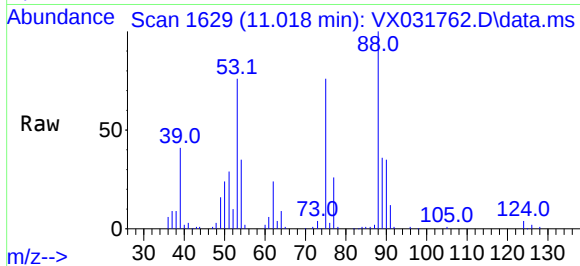




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.621 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

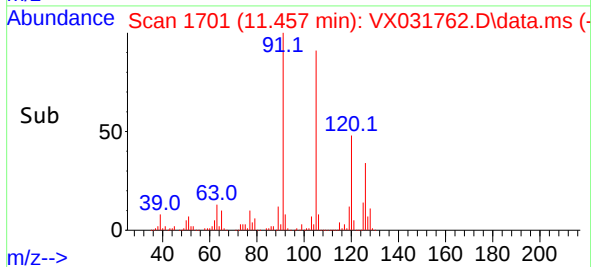
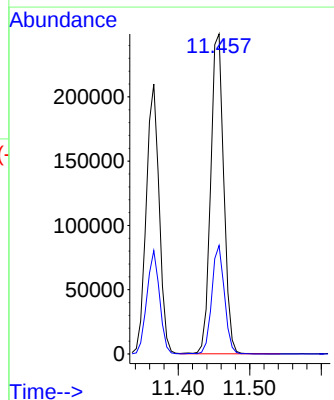
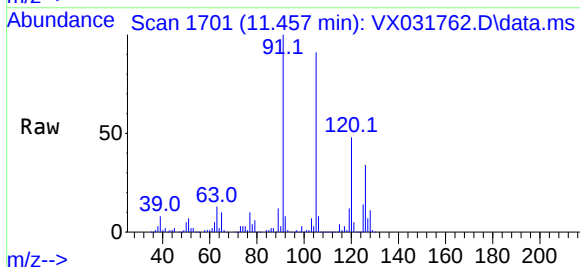
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

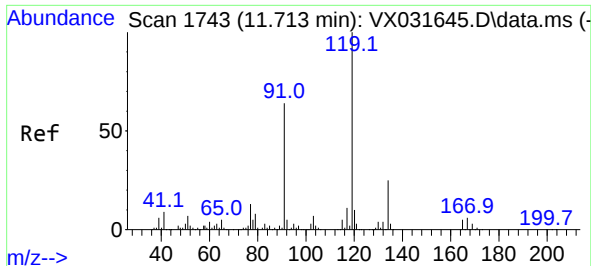
Tgt Ion: 75 Resp: 29043  
Ion Ratio Lower Upper  
75 100  
53 99.9 77.6 116.4  
89 50.5 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 53.548 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 91 Resp: 315655  
Ion Ratio Lower Upper  
91 100  
126 32.9 15.1 45.3

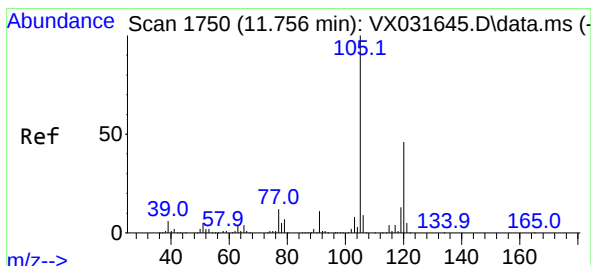
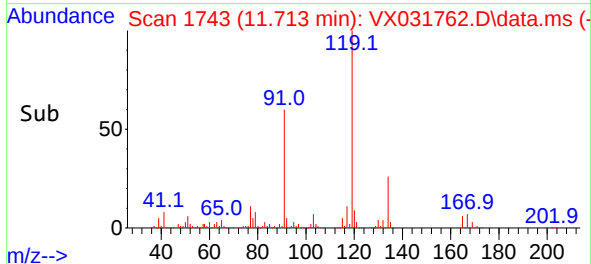
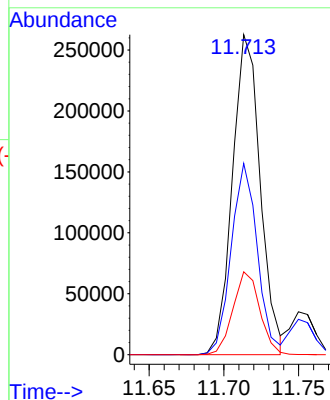
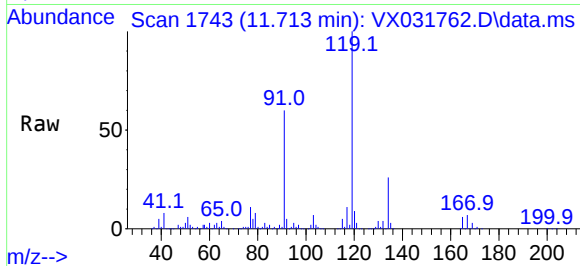




#83  
tert-Butylbenzene  
Concen: 55.914 ug/l  
RT: 11.713 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

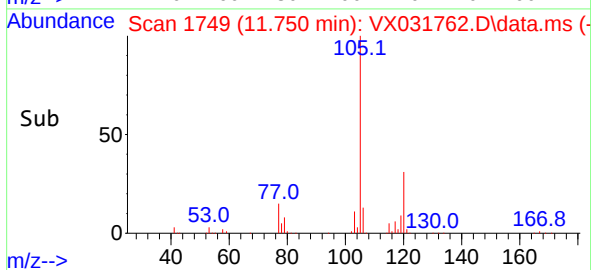
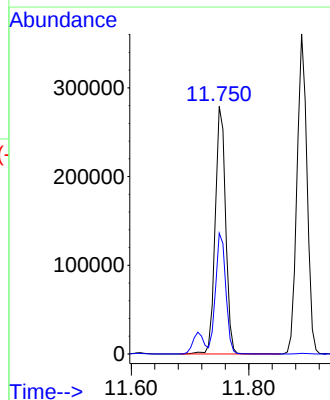
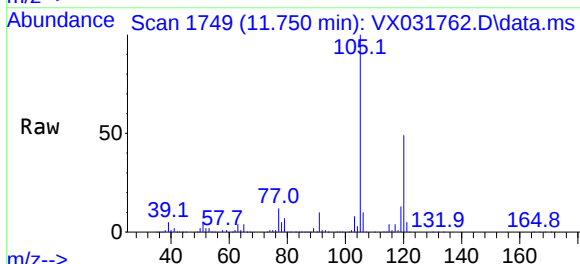
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

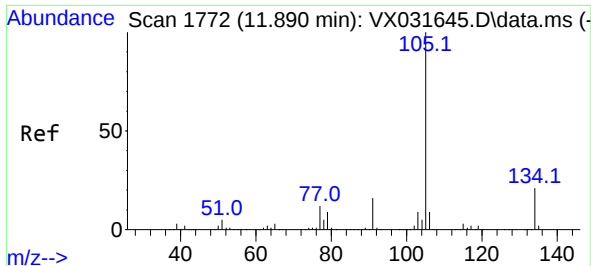
Tgt Ion:119 Resp: 339401  
Ion Ratio Lower Upper  
119 100  
91 56.4 29.2 87.6  
134 25.0 11.6 34.8



#84  
1,2,4-Trimethylbenzene  
Concen: 54.987 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion:105 Resp: 342599  
Ion Ratio Lower Upper  
105 100  
120 47.7 22.6 67.8

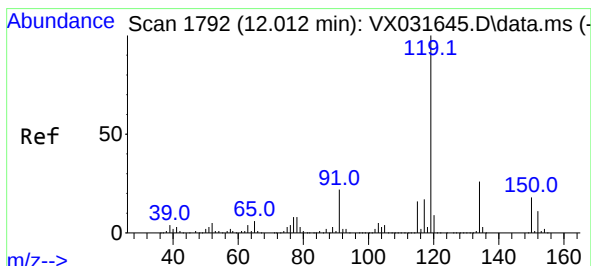
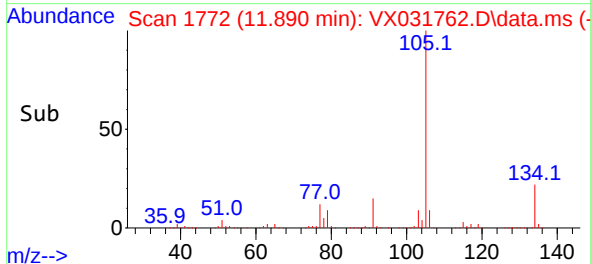
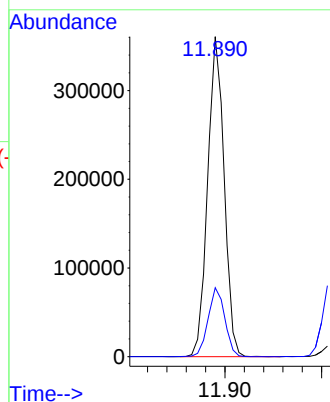
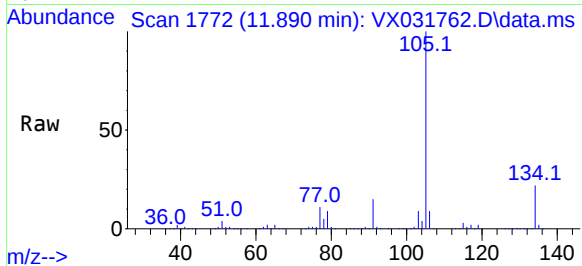




#85  
 sec-Butylbenzene  
 Concen: 55.471 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX031762.D  
 Acq: 29 Sep 2022 09:07

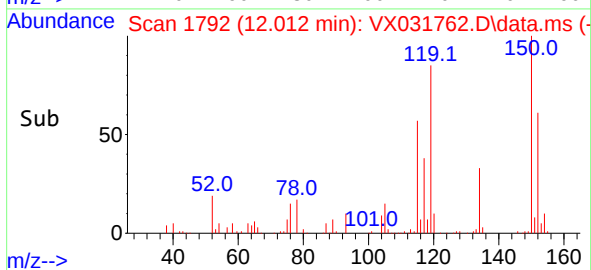
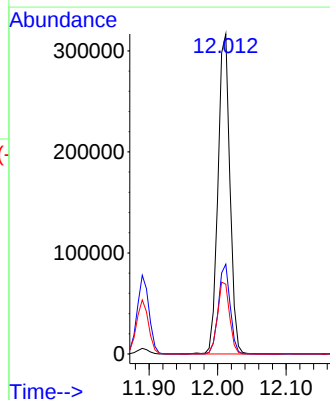
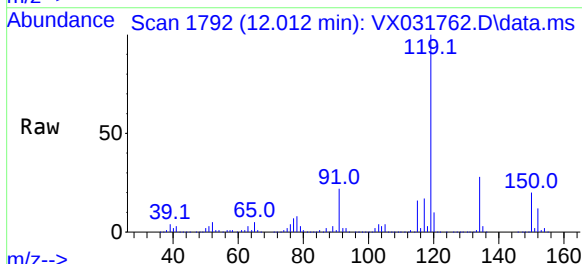
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

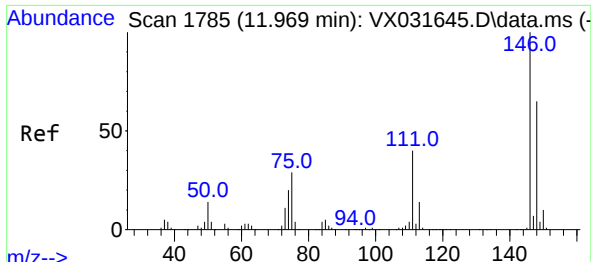
Tgt Ion:105 Resp: 427917  
 Ion Ratio Lower Upper  
 105 100  
 134 21.9 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 57.399 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX031762.D  
 Acq: 29 Sep 2022 09:07

Tgt Ion:119 Resp: 381835  
 Ion Ratio Lower Upper  
 119 100  
 134 27.5 13.4 40.2  
 91 22.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 55.271 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

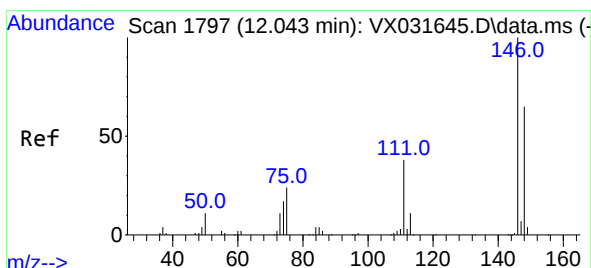
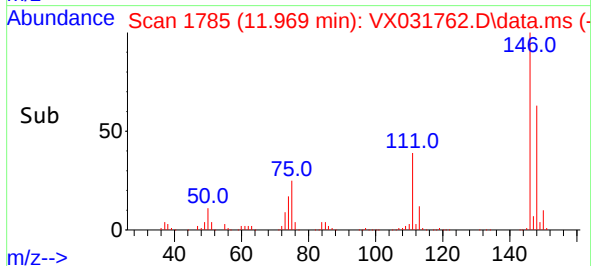
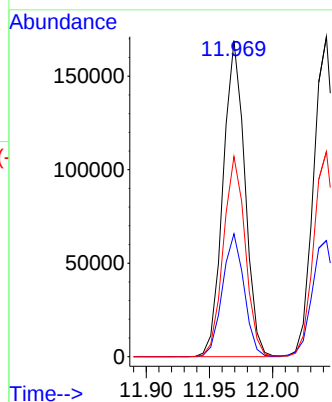
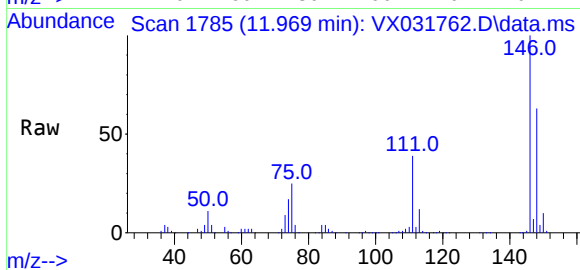
Tgt Ion:146 Resp: 202265

Ion Ratio Lower Upper

146 100

111 38.6 19.8 59.4

148 63.7 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 54.840 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX031762.D

Acq: 29 Sep 2022 09:07

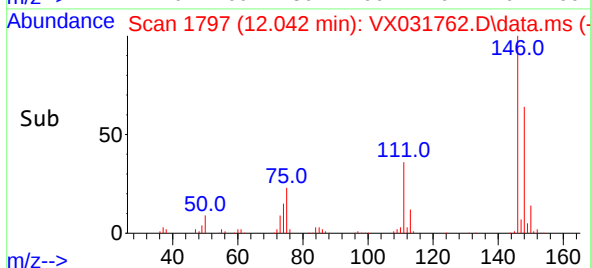
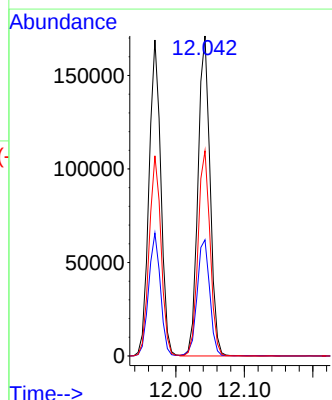
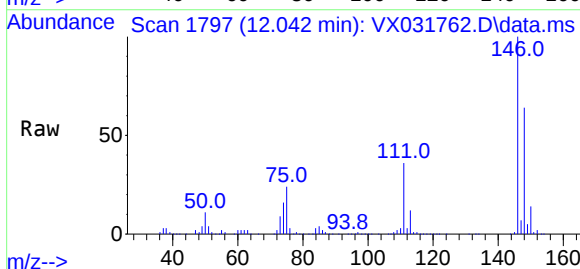
Tgt Ion:146 Resp: 210067

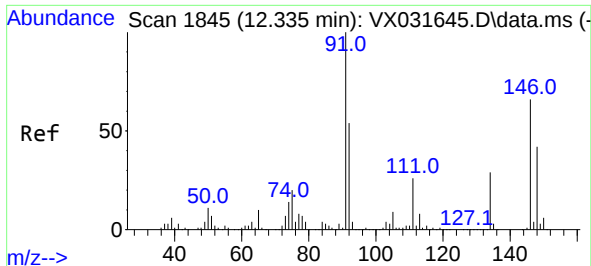
Ion Ratio Lower Upper

146 100

111 37.7 20.5 61.5

148 63.9 32.0 96.2

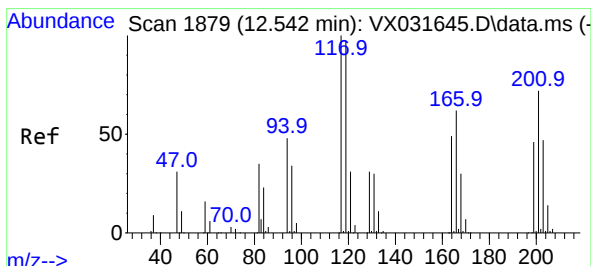
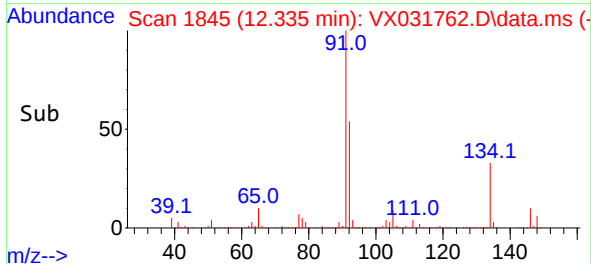
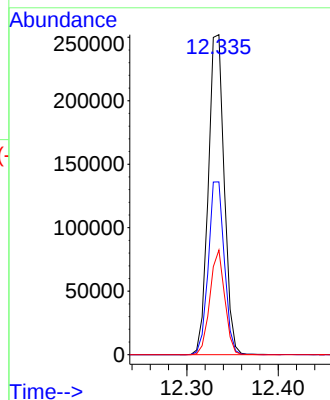
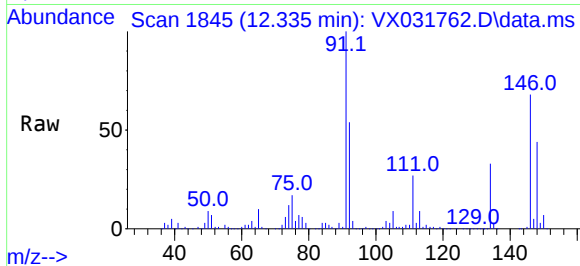




#89  
n-Butylbenzene  
Concen: 55.949 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

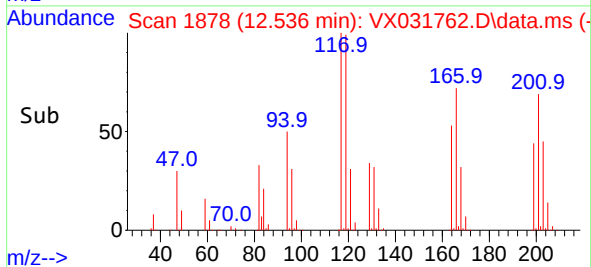
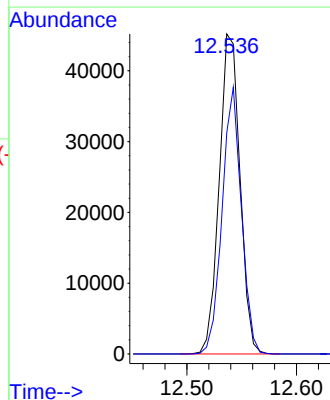
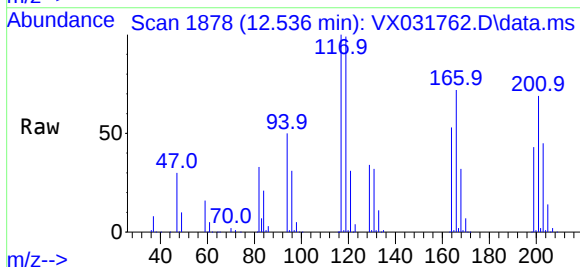
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

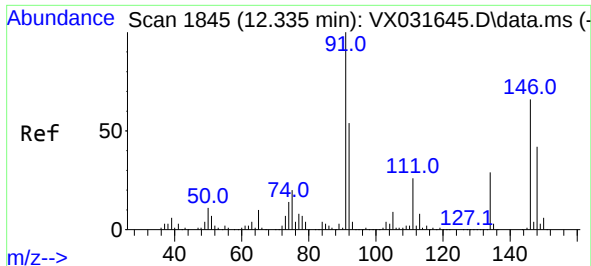
Tgt Ion: 91 Resp: 304039  
Ion Ratio Lower Upper  
91 100  
92 54.1 27.0 81.0  
134 30.4 13.3 39.9



#90  
Hexachloroethane  
Concen: 55.782 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.006 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 117 Resp: 59504  
Ion Ratio Lower Upper  
117 100  
201 77.4 34.8 104.4

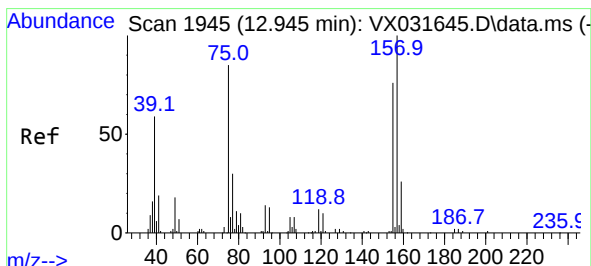
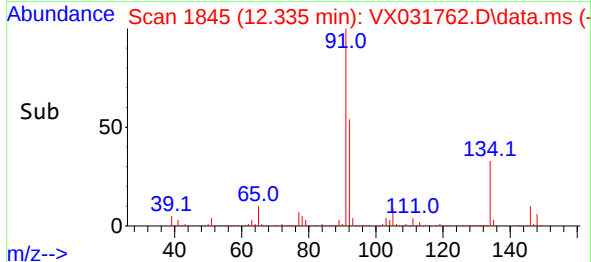
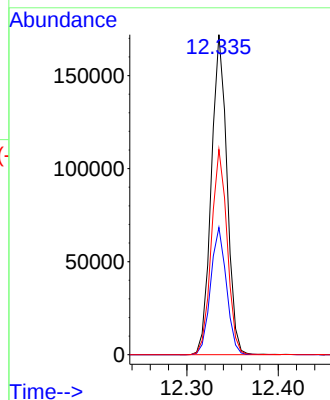
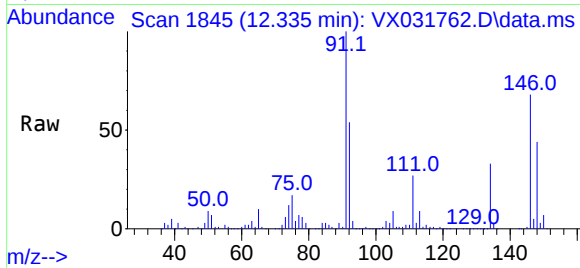




#91  
1,2-Dichlorobenzene  
Concen: 55.769 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

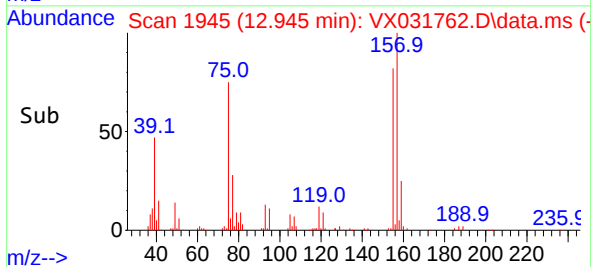
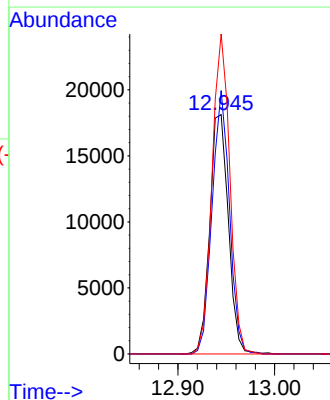
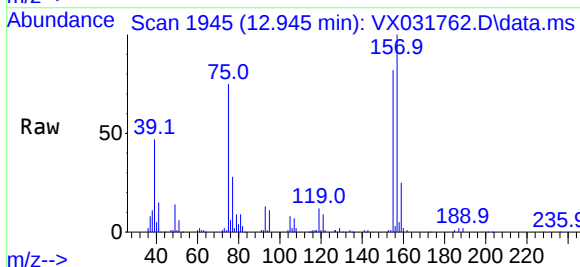
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

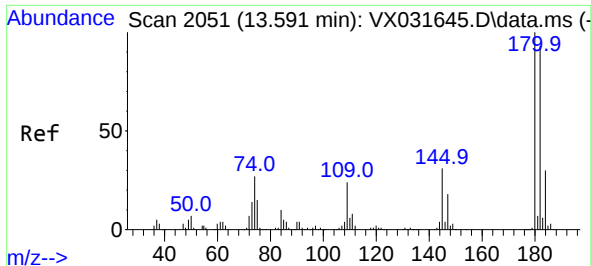
Tgt Ion:146 Resp: 204381  
Ion Ratio Lower Upper  
146 100  
111 40.2 20.6 61.8  
148 64.5 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.174 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion: 75 Resp: 24194  
Ion Ratio Lower Upper  
75 100  
155 102.5 40.3 120.8  
157 127.7 51.5 154.5

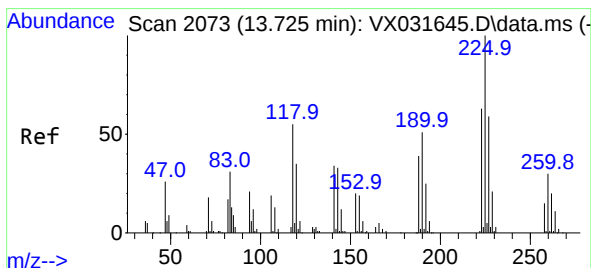
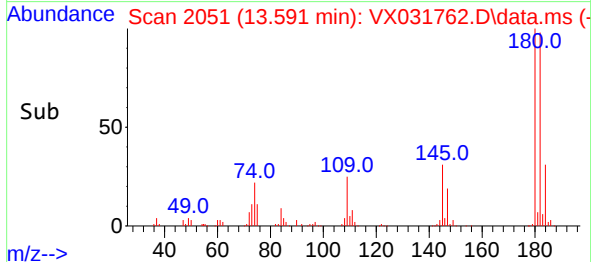
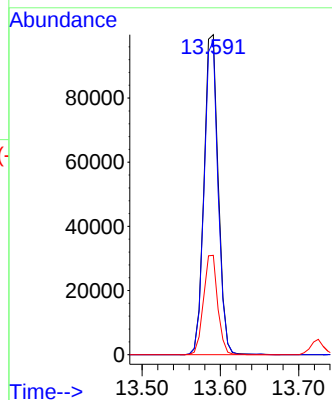
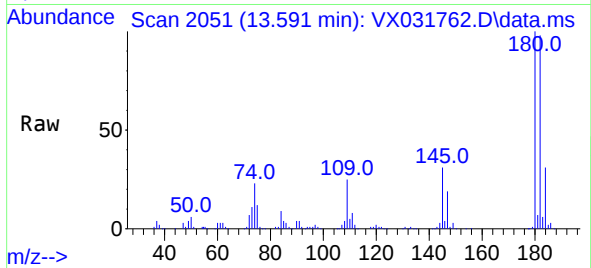




#93  
1,2,4-Trichlorobenzene  
Concen: 58.601 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

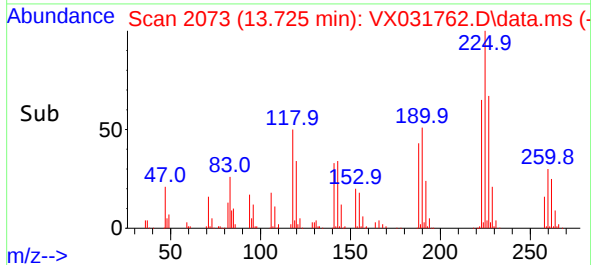
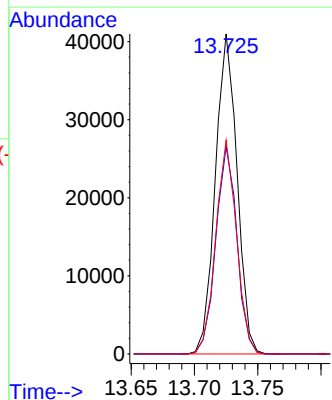
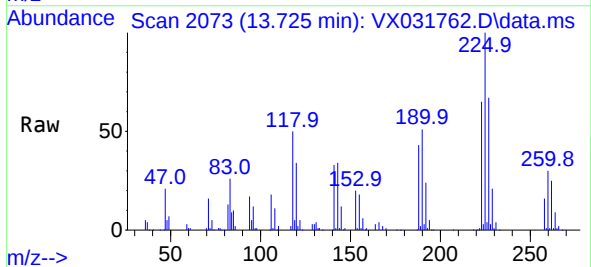
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

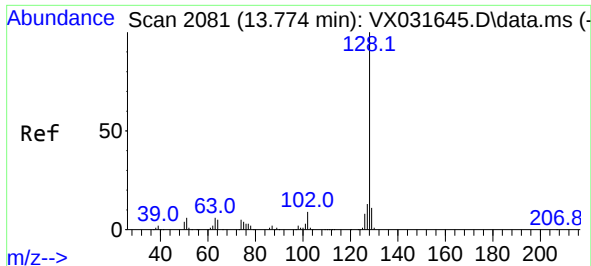
Tgt Ion:180 Resp: 125590  
Ion Ratio Lower Upper  
180 100  
182 96.1 46.9 140.6  
145 31.0 16.7 50.1



#94  
Hexachlorobutadiene  
Concen: 58.304 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion:225 Resp: 48724  
Ion Ratio Lower Upper  
225 100  
223 63.0 30.8 92.4  
227 64.1 32.3 96.9



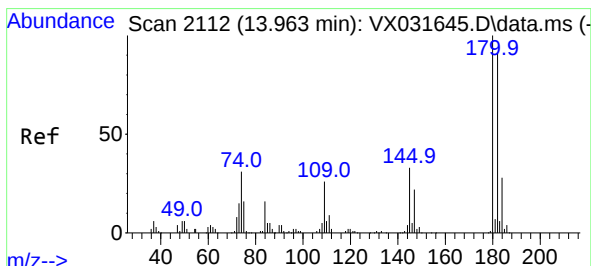
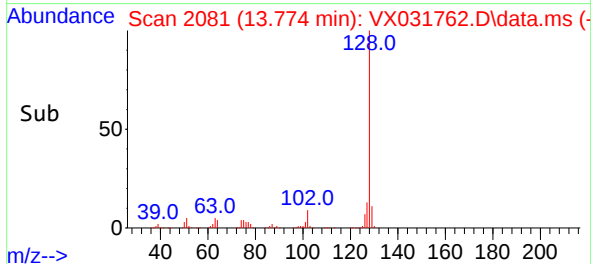
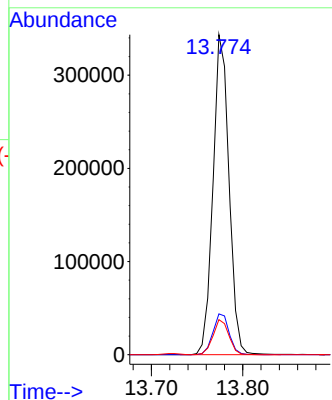
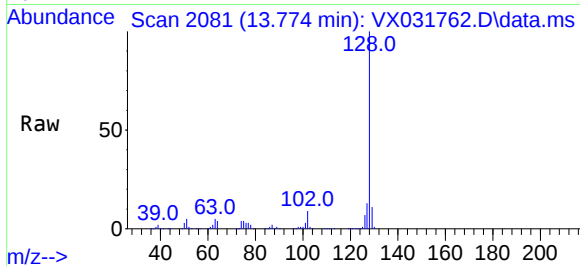


#95  
Naphthalene  
Concen: 58.198 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 416622

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.9  | 10.4  | 15.6  |
| 129 | 10.9  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 57.131 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX031762.D  
Acq: 29 Sep 2022 09:07

Tgt Ion:180 Resp: 125659

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.0  | 47.9  | 143.8 |
| 145 | 33.5  | 17.6  | 52.8  |

