

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080824\  
 Data File : VX042984.D  
 Acq On : 09 Aug 2024 09:52  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Aug 09 14:57:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 07 02:55:22 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                        |        |       |          |          |        |           |
| Internal Standards           |        |       |          |          |        |           |
| 1) Pentafluorobenzene        | 5.550  | 168   | 175619   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 325069   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 288592   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 133932   | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds  |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 162344   | 67.337   | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 134.680%# |
| 35) Dibromofluoromethane     | 5.391  | 113   | 123192   | 57.960   | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 115.920%  |
| 50) Toluene-d8               | 8.647  | 98    | 393792   | 52.189   | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 104.380%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 140495   | 51.816   | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 103.640%  |
| Target Compounds             |        |       |          |          |        | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 88249    | 46.620   | ug/l   | 99        |
| 3) Chloromethane             | 1.301  | 50    | 124972   | 60.592   | ug/l   | 98        |
| 4) Vinyl Chloride            | 1.374  | 62    | 113210   | 57.851   | ug/l   | 98        |
| 5) Bromomethane              | 1.599  | 94    | 72580    | 61.283   | ug/l   | 99        |
| 6) Chloroethane              | 1.666  | 64    | 63654    | 57.097   | ug/l   | 96        |
| 7) Trichlorofluoromethane    | 1.868  | 101   | 127963   | 42.047   | ug/l   | 99        |
| 8) Diethyl Ether             | 2.136  | 74    | 70528    | 63.005   | ug/l   | 92        |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 74696    | 39.038   | ug/l   | 96        |
| 10) Methyl Iodide            | 2.441  | 142   | 138066   | 69.783   | ug/l   | 94        |
| 11) Tert butyl alcohol       | 3.002  | 59    | 155396   | 324.050  | ug/l # | 91        |
| 12) 1,1-Dichloroethene       | 2.307  | 96    | 97659    | 50.451   | ug/l   | 93        |
| 13) Acrolein                 | 2.239  | 56    | 157941   | 334.138  | ug/l   | 97        |
| 14) Allyl chloride           | 2.660  | 41    | 172888   | 59.110   | ug/l   | 93        |
| 15) Acrylonitrile            | 3.075  | 53    | 404202   | 330.242  | ug/l   | 98        |
| 16) Acetone                  | 2.392  | 43    | 346444   | 331.302  | ug/l   | 92        |
| 17) Carbon Disulfide         | 2.502  | 76    | 218788   | 46.447   | ug/l   | 100       |
| 18) Methyl Acetate           | 2.709  | 43    | 228661   | 68.956   | ug/l   | 100       |
| 19) Methyl tert-butyl Ether  | 3.123  | 73    | 416851   | 63.981   | ug/l   | 99        |
| 20) Methylene Chloride       | 2.788  | 84    | 134514   | 62.600   | ug/l   | 96        |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 105678   | 54.264   | ug/l   | 93        |
| 22) Diisopropyl ether        | 3.770  | 45    | 412653   | 64.222   | ug/l   | 88        |
| 23) Vinyl Acetate            | 3.727  | 43    | 2346595  | 321.780  | ug/l   | 98        |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 224656   | 60.793   | ug/l   | 99        |
| 25) 2-Butanone               | 4.568  | 43    | 557269   | 339.343  | ug/l   | 96        |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 76485    | 33.667   | ug/l   | 89        |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 137713   | 59.627   | ug/l   | 88        |
| 28) Bromochloromethane       | 4.904  | 49    | 86832    | 61.237   | ug/l   | 95        |
| 29) Tetrahydrofuran          | 5.013  | 42    | 364610   | 328.568  | ug/l   | 97        |
| 30) Chloroform               | 5.099  | 83    | 233211   | 60.283   | ug/l   | 99        |
| 31) Cyclohexane              | 5.464  | 56    | 112407   | 37.262   | ug/l   | 98        |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 177495   | 52.118   | ug/l   | 98        |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 118711   | 41.195   | ug/l   | 98        |
| 37) Ethyl Acetate            | 4.721  | 43    | 213546   | 59.227   | ug/l   | 100       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 137670   | 42.321   | ug/l   | 93        |
| 39) Methylcyclohexane        | 7.379  | 83    | 108774   | 31.753   | ug/l   | 97        |
| 40) Benzene                  | 6.038  | 78    | 469901   | 52.541   | ug/l   | 99        |

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 Data File : VX042984.D  
 Acq On : 09 Aug 2024 09:52  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 09 14:57:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 07 02:55:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 112812   | 60.748   | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 184883   | 56.833   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.348  | 43   | 319914   | 59.996   | ug/l   | 99       |
| 44) Trichloroethene           | 7.129  | 130  | 103288   | 45.962   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 122457   | 53.976   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 93360    | 56.029   | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.824  | 83   | 174558   | 56.393   | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.696  | 41   | 158476   | 61.982   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 73455    | 1294.175 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1113117  | 311.647  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 268994   | 49.584   | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 149799   | 52.352   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 163966   | 51.887   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 126763   | 57.478   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 210522   | 59.320   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 206561   | 57.174   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 522419   | 312.332  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 856253   | 309.382  | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.525  | 129  | 134108   | 55.354   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 131103   | 56.265   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 86658    | 43.186   | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 296891   | 48.479   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 113172   | 53.594   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 474820   | 46.094   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 359804   | 91.494   | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 190011   | 48.234   | ug/l   | 100      |
| 70) Styrene                   | 10.653 | 104  | 330879   | 52.232   | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 96031    | 53.451   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 429221   | 44.327   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 270394   | 62.060   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 206921   | 58.332   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 211463   | 70.205   | ug/l   | 92       |
| 77) Bromobenzene              | 11.201 | 156  | 126936   | 51.534   | ug/l   | 92       |
| 78) n-propylbenzene           | 11.305 | 91   | 458409   | 42.619   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 325982   | 47.285   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 370915   | 46.261   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 47487    | 51.262   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 369690   | 47.709   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 353064   | 42.849   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 386356   | 47.865   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 405505   | 41.794   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 344059   | 42.682   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 211652   | 47.479   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 215185   | 47.095   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 276387   | 39.744   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 61867    | 41.957   | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 229551   | 51.424   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 46612    | 59.802   | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 125913   | 46.243   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 41002    | 35.506   | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 538735   | 57.177   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 140571   | 51.287   | ug/l   | 98       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

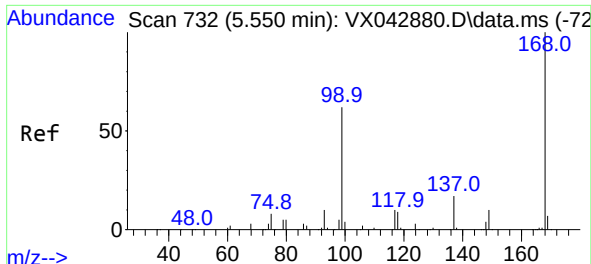
Quant Time: Aug 09 14:57:27 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 07 02:55:22 2024  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 07 02:55:22 2024  
Response via : Initial Calibration

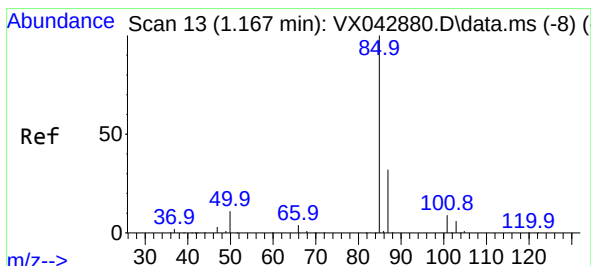
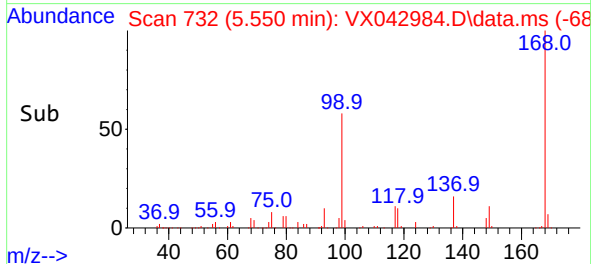
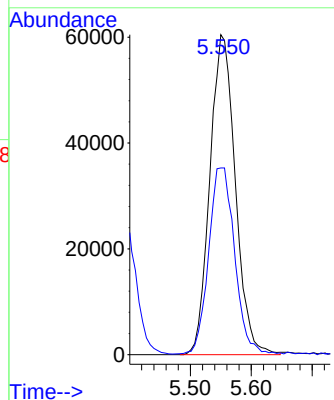
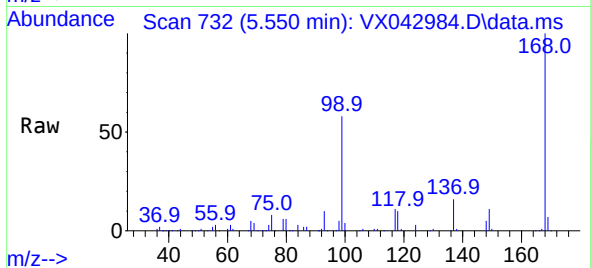




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

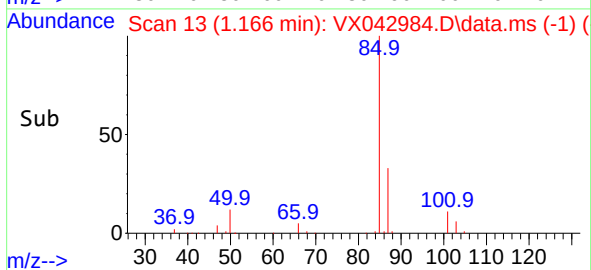
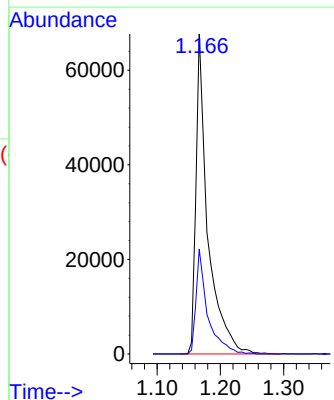
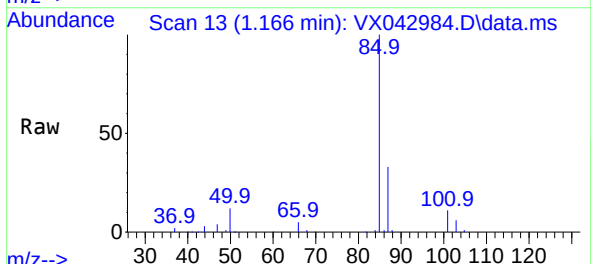
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

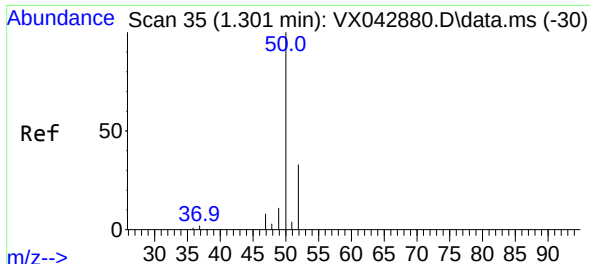
Tgt Ion:168 Resp: 175619  
Ion Ratio Lower Upper  
168 100  
99 58.0 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 46.620 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 85 Resp: 88249  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.7 50.1

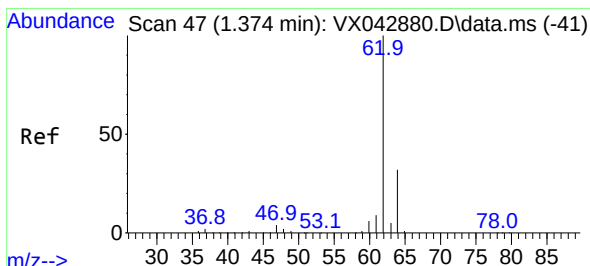
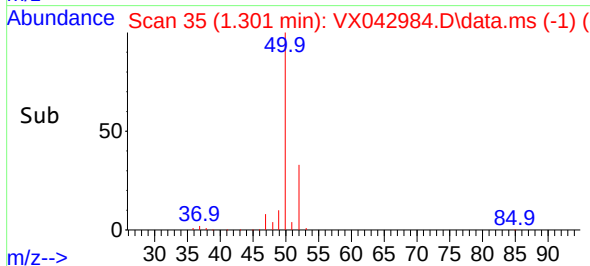
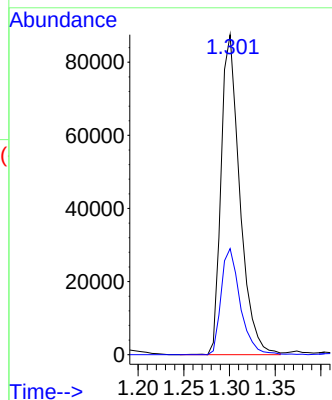
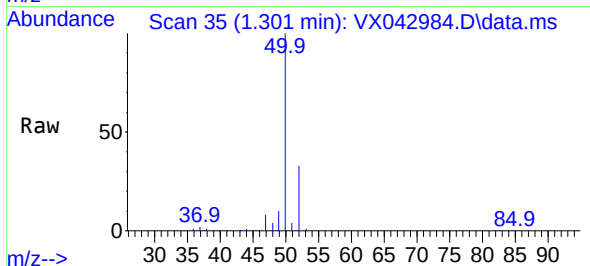




#3  
Chloromethane  
Concen: 60.592 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

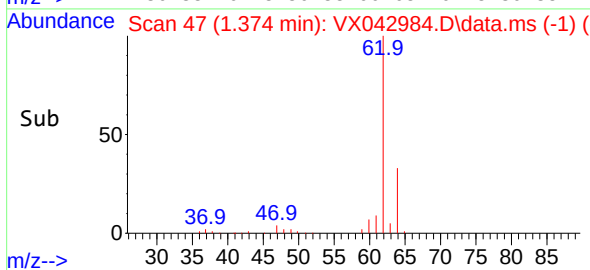
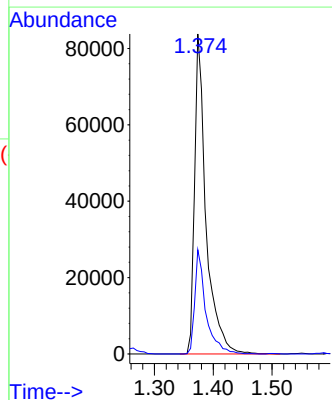
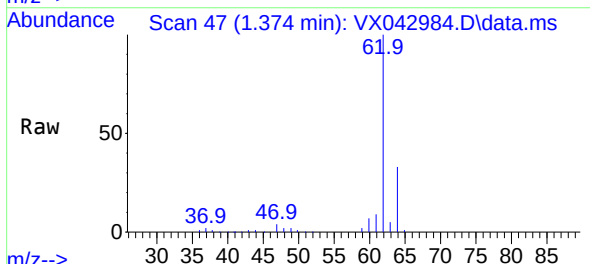
Instrument :  
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ClientSampleId :  
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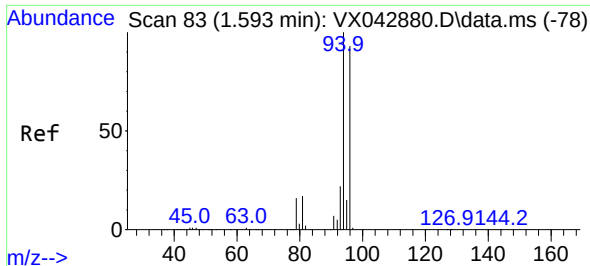
Tgt Ion: 50 Resp: 124972  
Ion Ratio Lower Upper  
50 100  
52 33.1 25.5 38.3



#4  
Vinyl Chloride  
Concen: 57.851 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 62 Resp: 113210  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.4 38.0

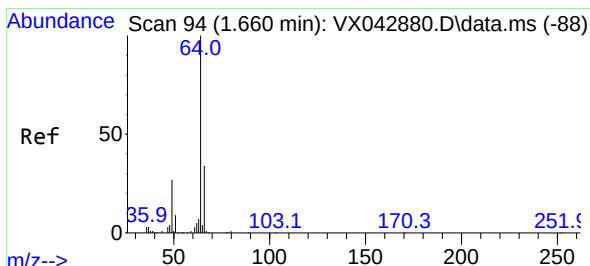
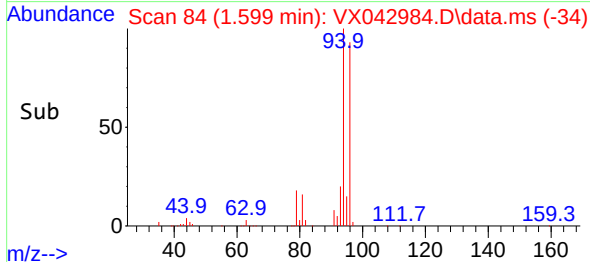
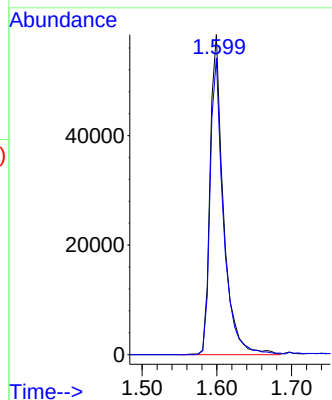
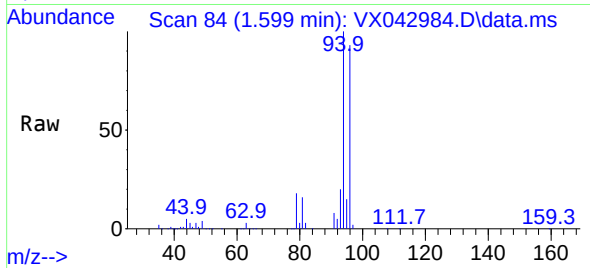




#5  
Bromomethane  
Concen: 61.283 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

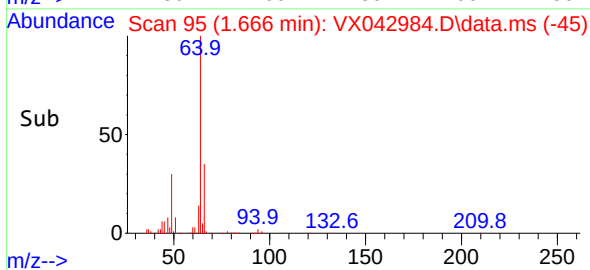
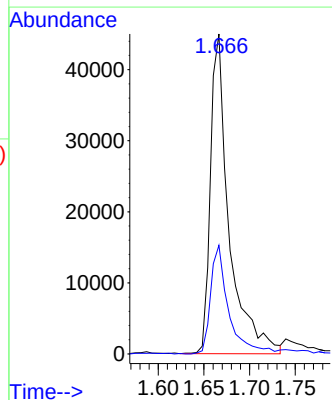
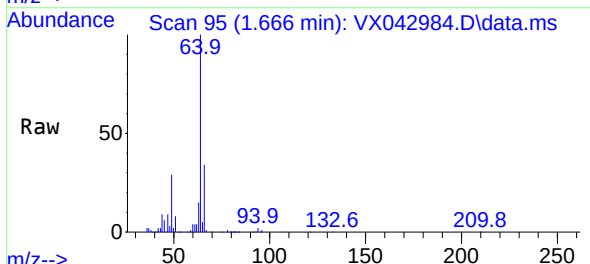
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

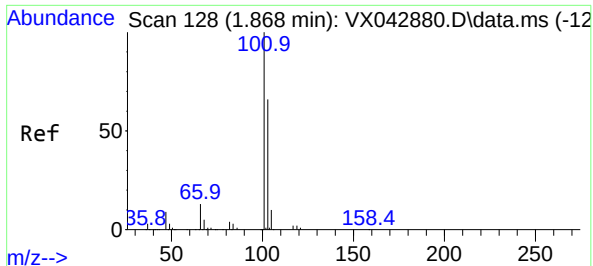
Tgt Ion: 94 Resp: 72580  
Ion Ratio Lower Upper  
94 100  
96 92.6 74.6 111.8



#6  
Chloroethane  
Concen: 57.097 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 64 Resp: 63654  
Ion Ratio Lower Upper  
64 100  
66 33.8 25.1 37.7

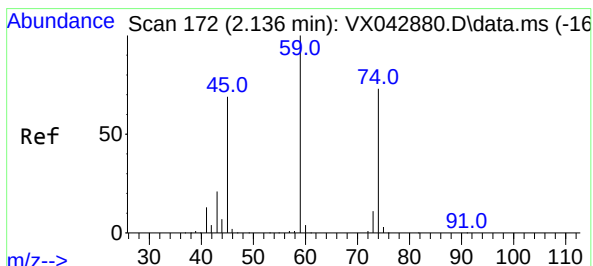
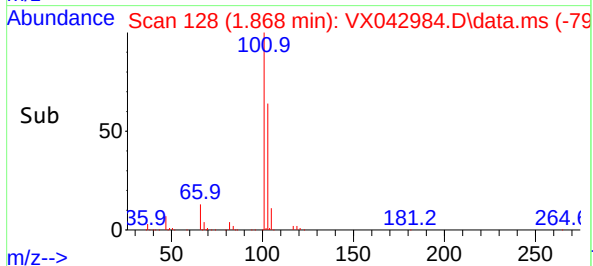
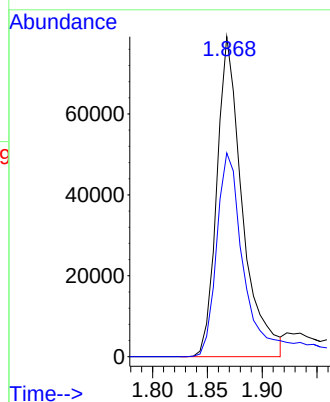
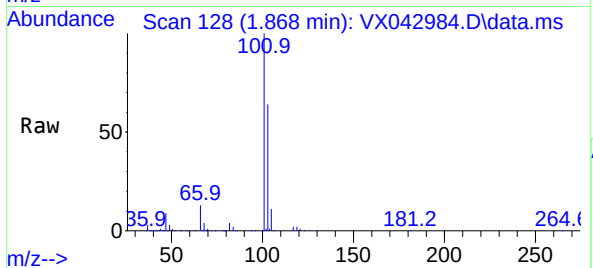




#7  
Trichlorofluoromethane  
Concen: 42.047 ug/l  
RT: 1.868 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

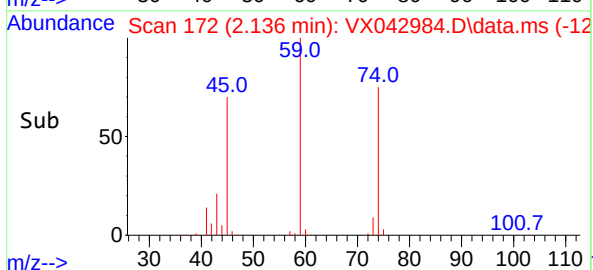
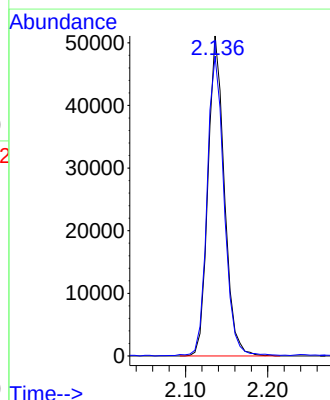
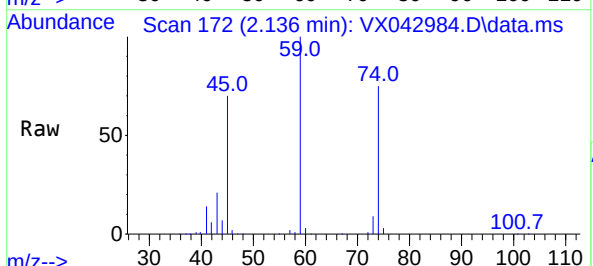
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 127963  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.4 77.2

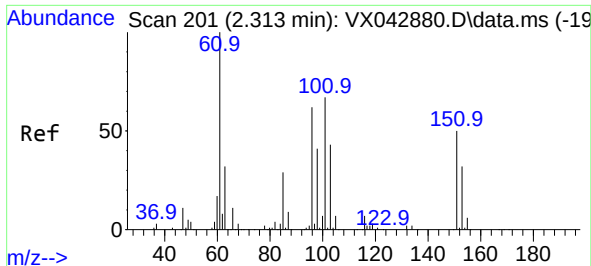


#8  
Diethyl Ether  
Concen: 63.005 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 74 Resp: 70528  
Ion Ratio Lower Upper  
74 100  
45 98.1 53.3 159.8



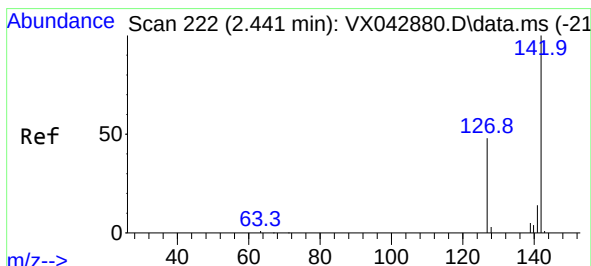
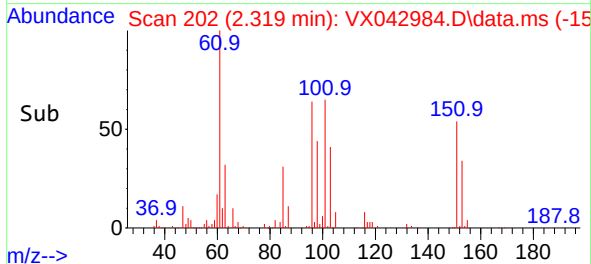
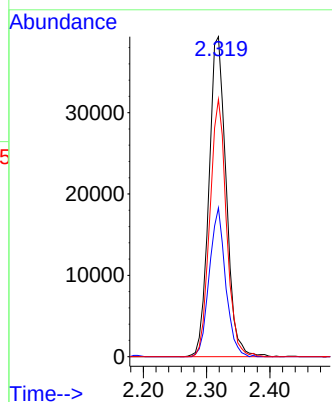
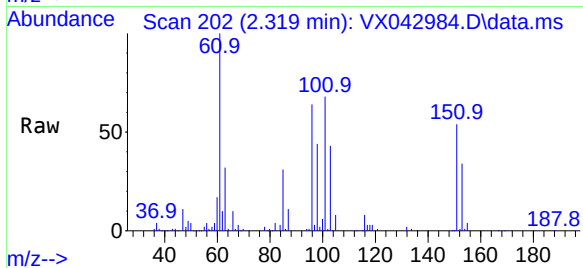




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 39.038 ug/l  
RT: 2.319 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

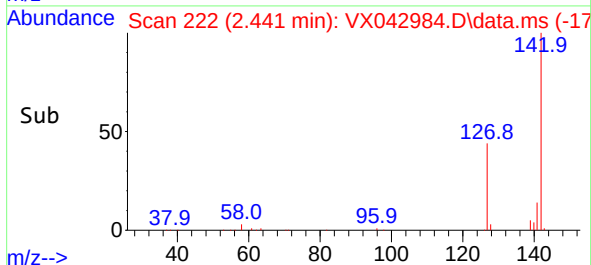
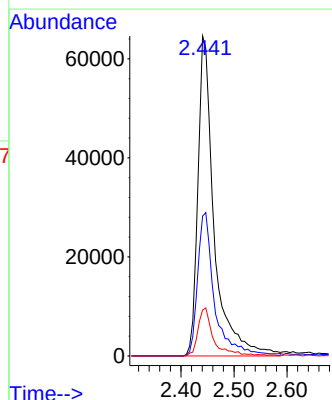
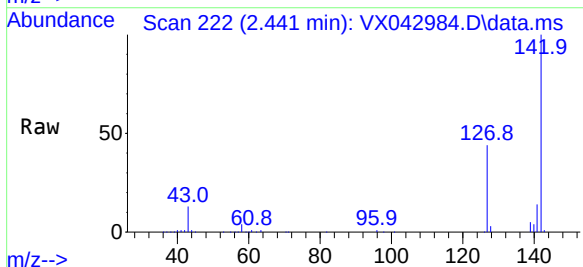
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

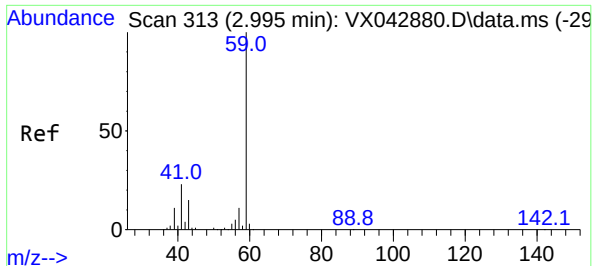
Tgt Ion:101 Resp: 74696  
Ion Ratio Lower Upper  
101 100  
85 43.8 37.0 55.6  
151 77.3 58.6 87.8



#10  
Methyl Iodide  
Concen: 69.783 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion:142 Resp: 138066  
Ion Ratio Lower Upper  
142 100  
127 46.6 41.6 62.4  
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 324.050 ug/l

RT: 3.002 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

Instrument :

MSVOA\_X

ClientSampleId :

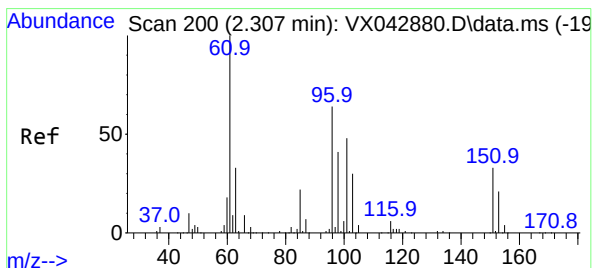
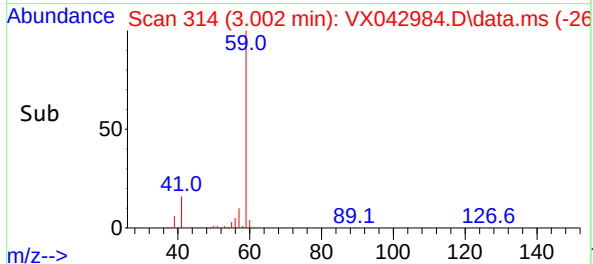
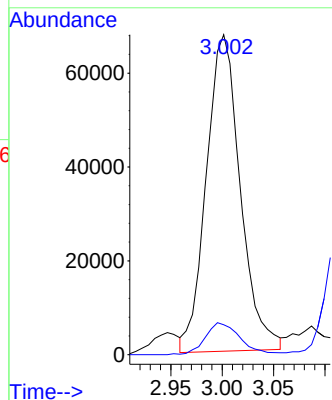
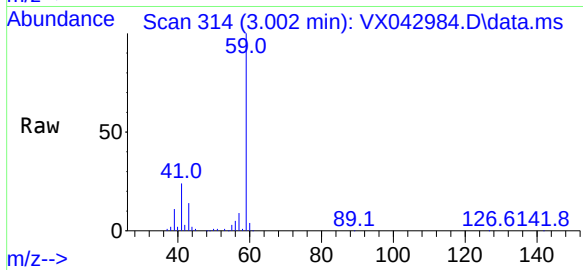
VSTDCCC050EC

Tgt Ion: 59 Resp: 155396

Ion Ratio Lower Upper

59 100

57 10.5 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 50.451 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

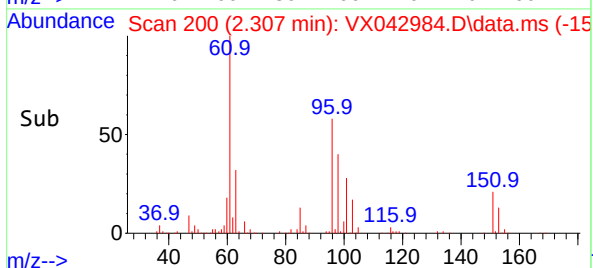
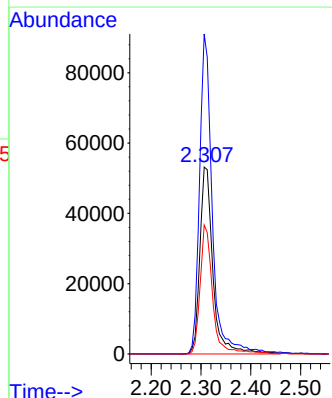
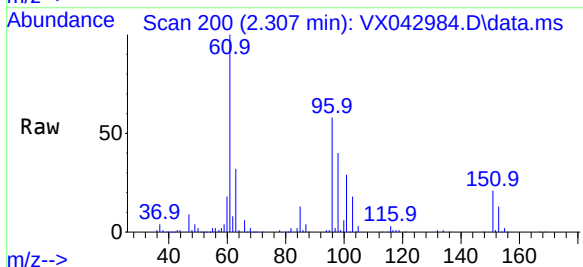
Tgt Ion: 96 Resp: 97659

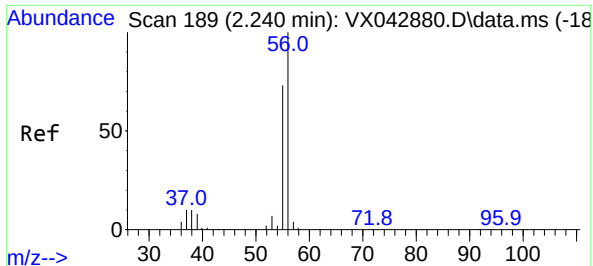
Ion Ratio Lower Upper

96 100

61 171.2 144.6 216.8

98 69.0 50.4 75.6

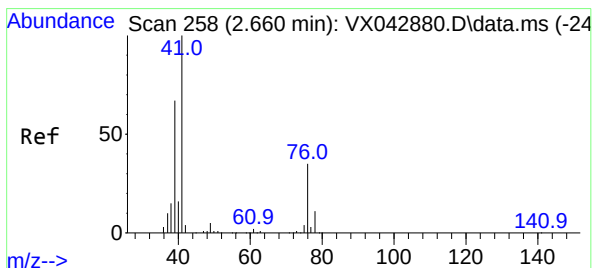
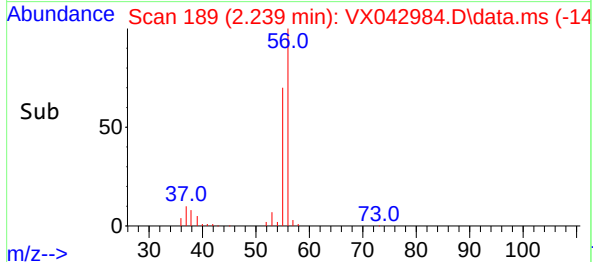
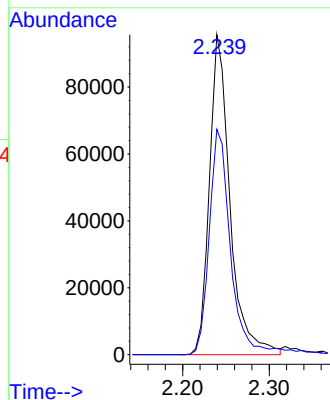
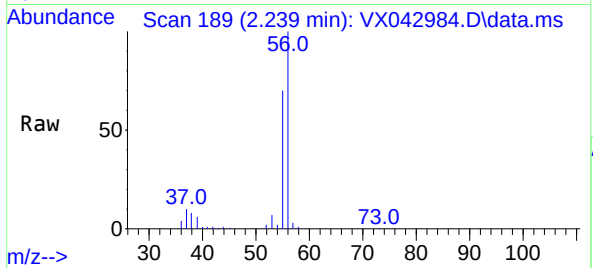




#13  
Acrolein  
Concen: 334.138 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

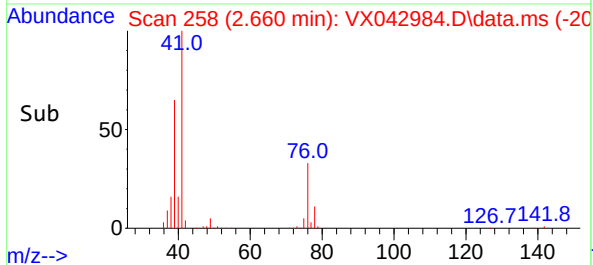
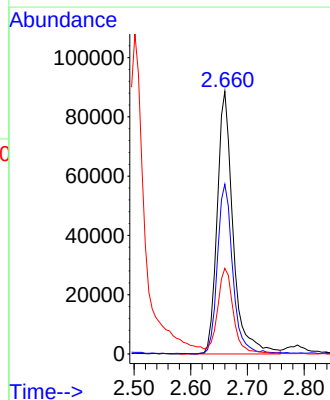
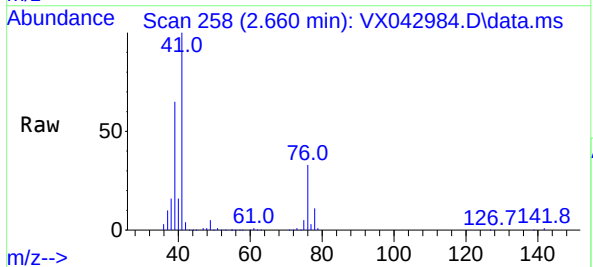
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

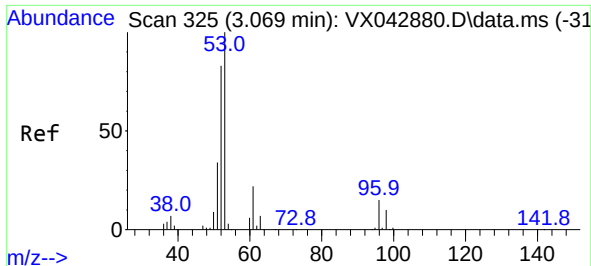
Tgt Ion: 56 Resp: 157941  
Ion Ratio Lower Upper  
56 100  
55 73.9 57.1 85.7



#14  
Allyl chloride  
Concen: 59.110 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 41 Resp: 172888  
Ion Ratio Lower Upper  
41 100  
39 62.8 55.8 83.6  
76 32.2 24.3 36.5

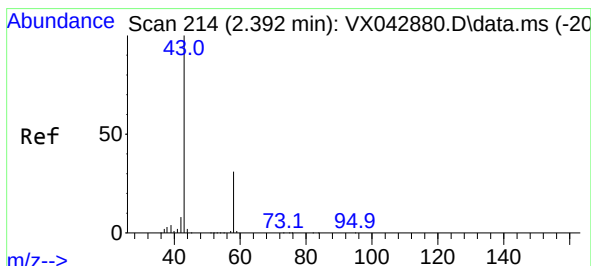
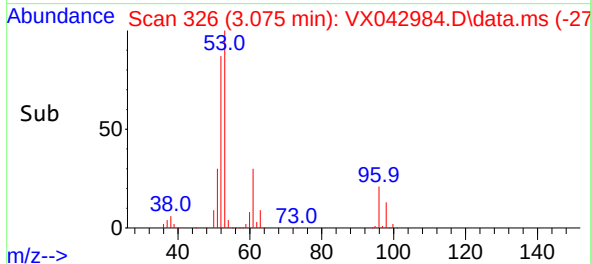
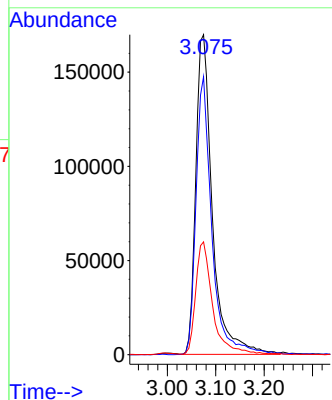
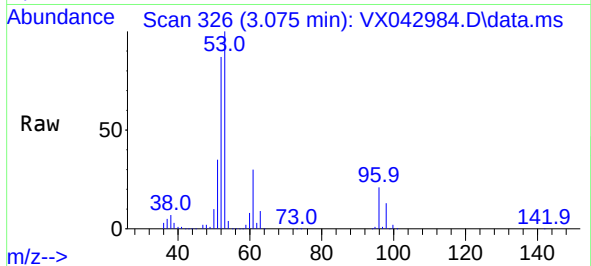




#15  
Acrylonitrile  
Concen: 330.242 ug/l  
RT: 3.075 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

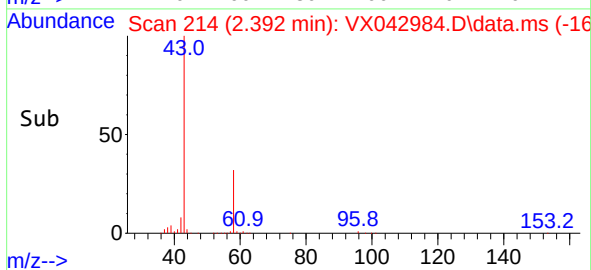
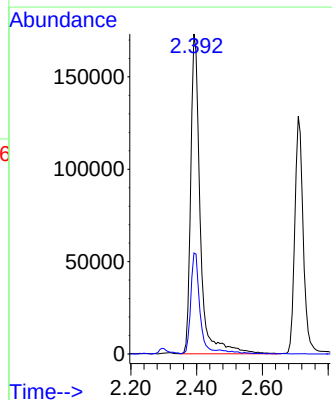
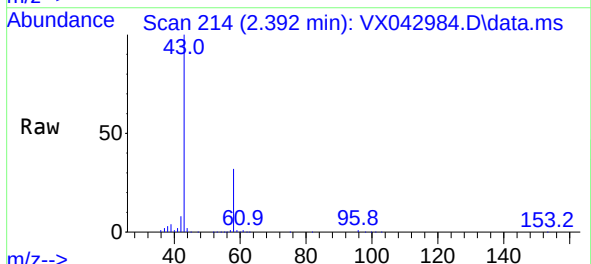
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

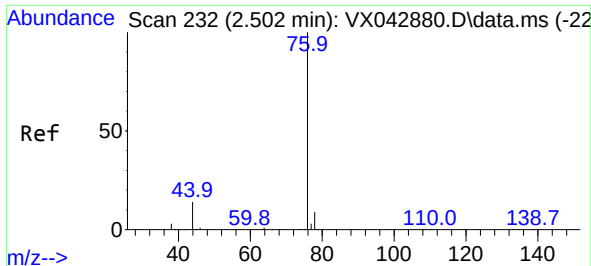
Tgt Ion: 53 Resp: 404202  
Ion Ratio Lower Upper  
53 100  
52 83.6 66.0 99.0  
51 35.9 29.8 44.6



#16  
Acetone  
Concen: 331.302 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 43 Resp: 346444  
Ion Ratio Lower Upper  
43 100  
58 31.5 21.9 32.9

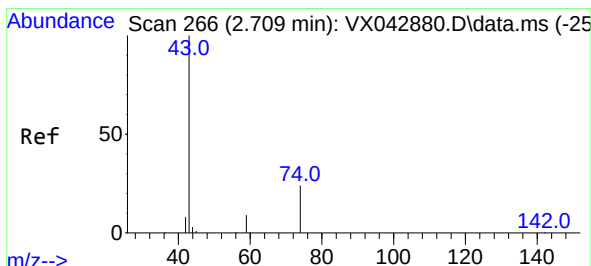
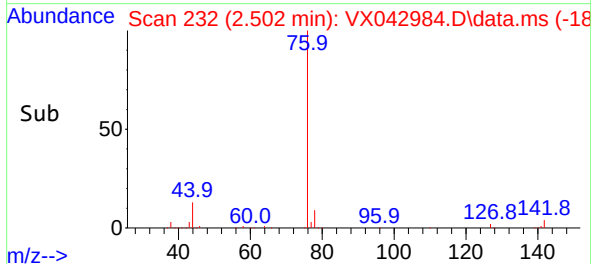
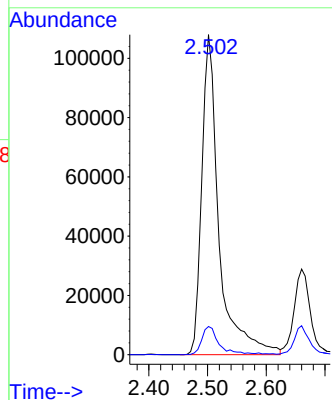
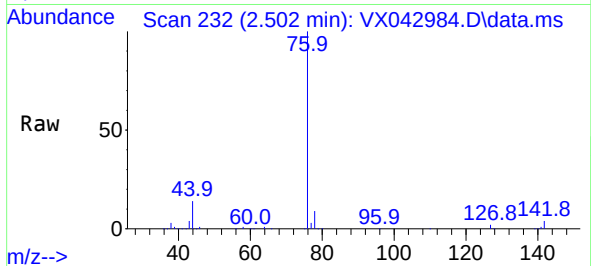




#17  
Carbon Disulfide  
Concen: 46.447 ug/l  
RT: 2.502 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

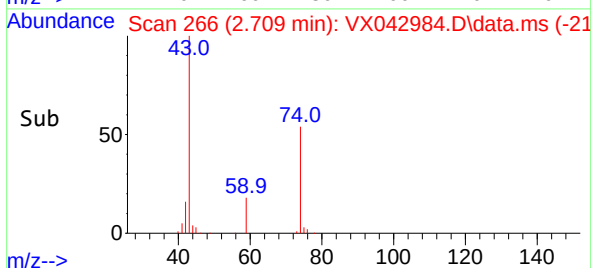
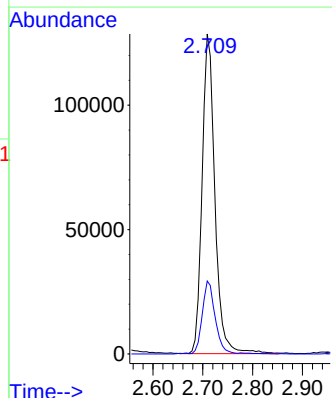
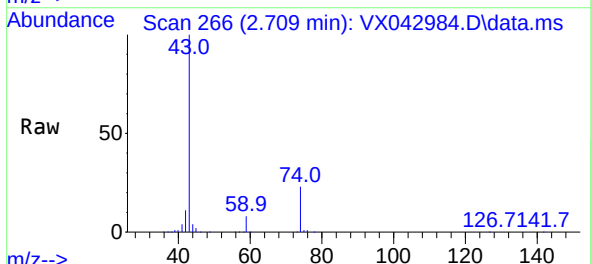
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

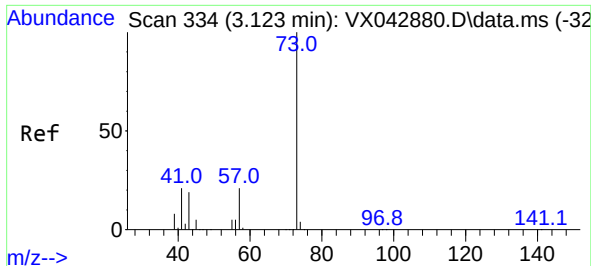
Tgt Ion: 76 Resp: 218788  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.6



#18  
Methyl Acetate  
Concen: 68.956 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 43 Resp: 228661  
Ion Ratio Lower Upper  
43 100  
74 22.5 17.8 26.8

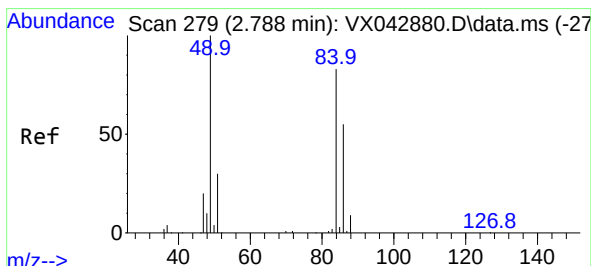
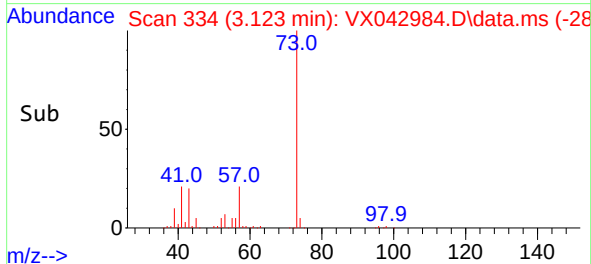
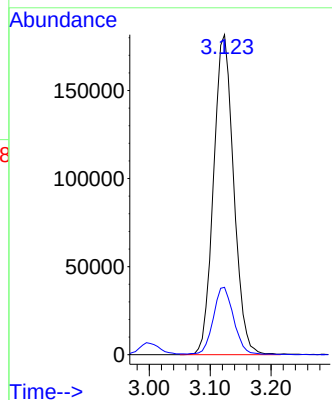
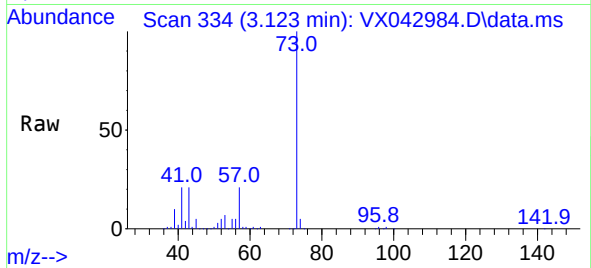




#19  
Methyl tert-butyl Ether  
Concen: 63.981 ug/l  
RT: 3.123 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

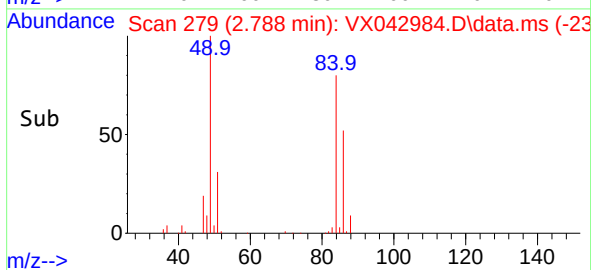
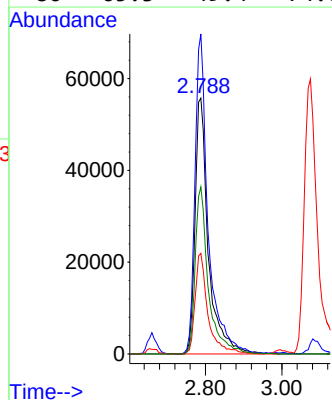
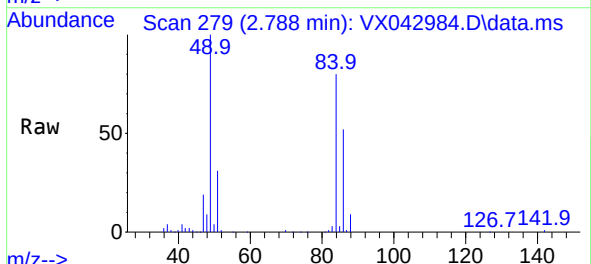
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

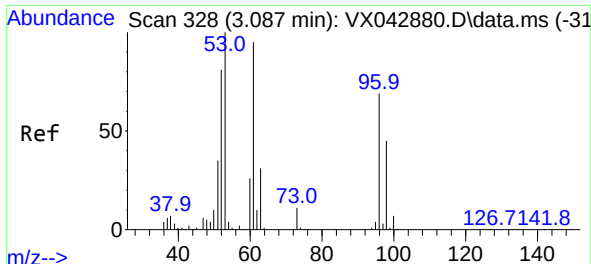
Tgt Ion: 73 Resp: 416851  
Ion Ratio Lower Upper  
73 100  
57 21.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 62.600 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 84 Resp: 134514  
Ion Ratio Lower Upper  
84 100  
49 125.0 103.6 155.4  
51 39.4 33.8 50.6  
86 65.3 49.4 74.0

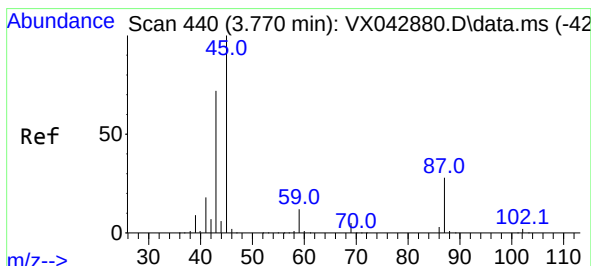
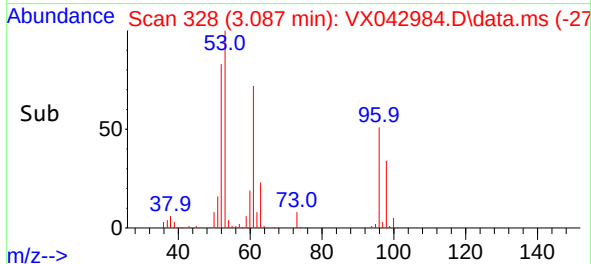
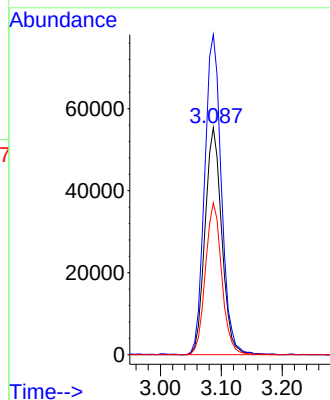
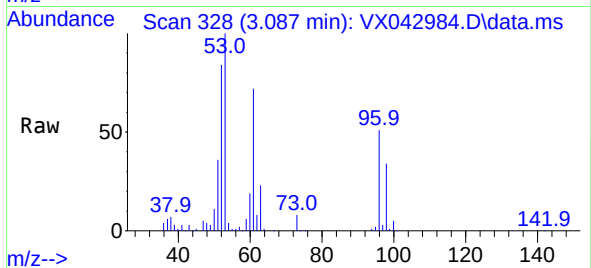




#21  
trans-1,2-Dichloroethene  
Concen: 54.264 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

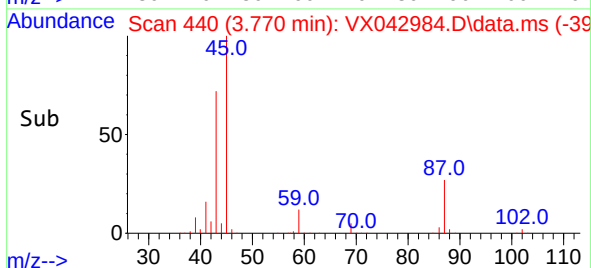
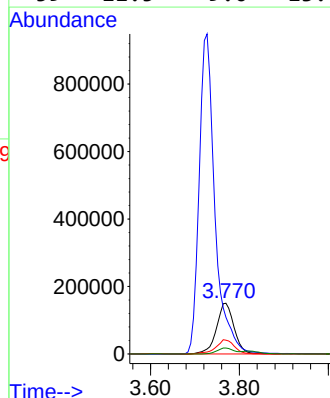
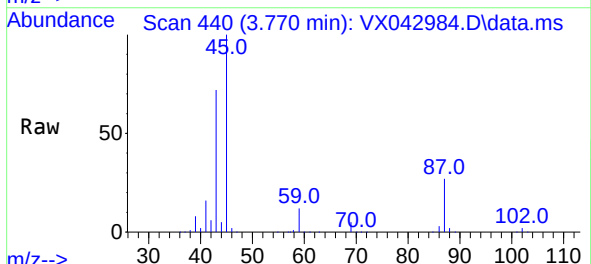
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

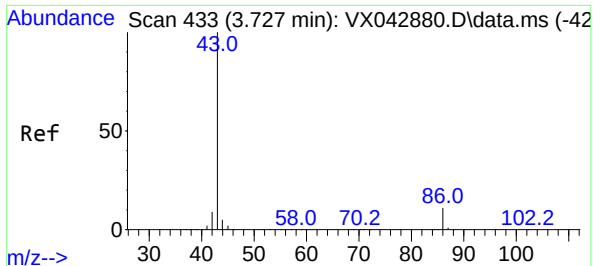
Tgt Ion: 96 Resp: 105678  
Ion Ratio Lower Upper  
96 100  
61 140.8 119.2 178.8  
98 66.8 48.7 73.1



#22  
Diisopropyl ether  
Concen: 64.222 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 45 Resp: 412653  
Ion Ratio Lower Upper  
45 100  
43 72.4 69.7 104.5  
87 27.0 20.8 31.2  
59 11.5 9.0 13.4

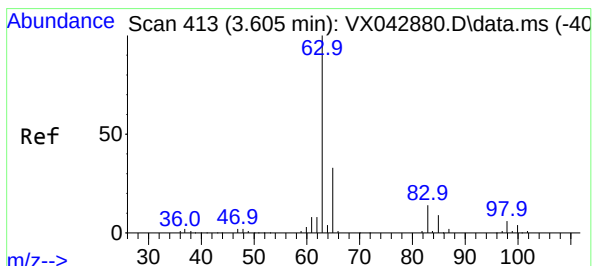
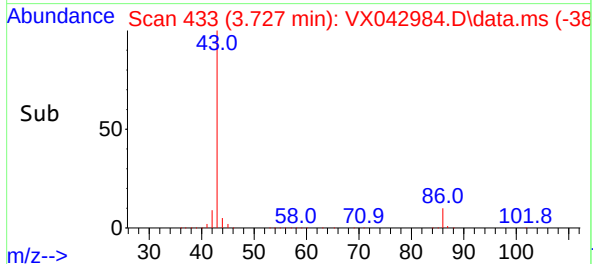
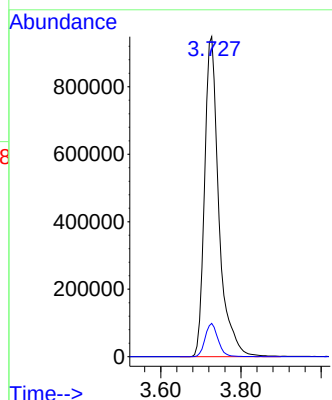
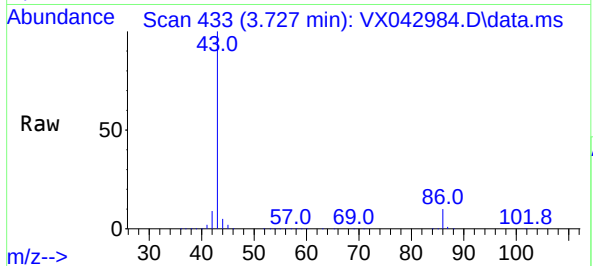




#23  
 Vinyl Acetate  
 Concen: 321.780 ug/l  
 RT: 3.727 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX042984.D  
 Acq: 09 Aug 2024 09:52

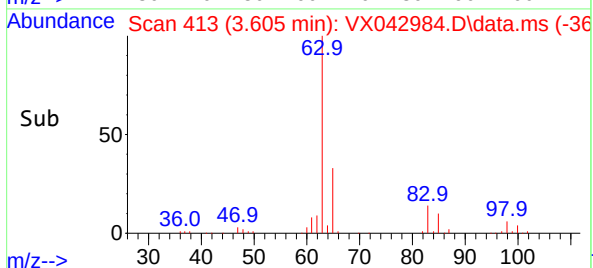
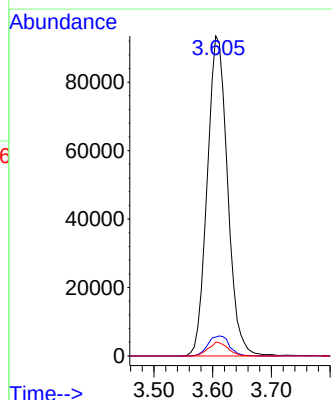
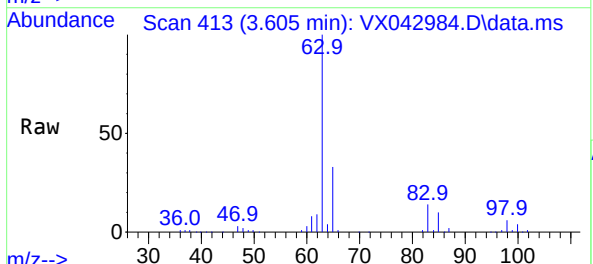
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2346595  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 7.8 11.8

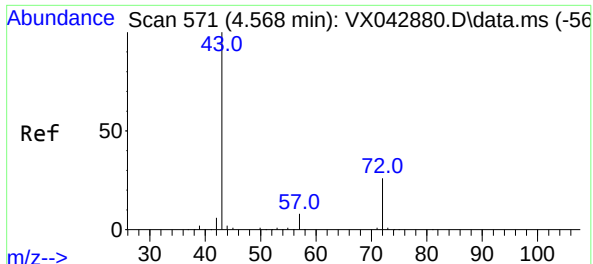


#24  
 1,1-Dichloroethane  
 Concen: 60.793 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX042984.D  
 Acq: 09 Aug 2024 09:52

Tgt Ion: 63 Resp: 224656  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.3 9.8  
 100 4.4 2.1 6.5



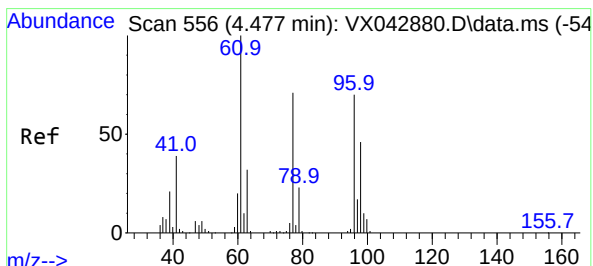
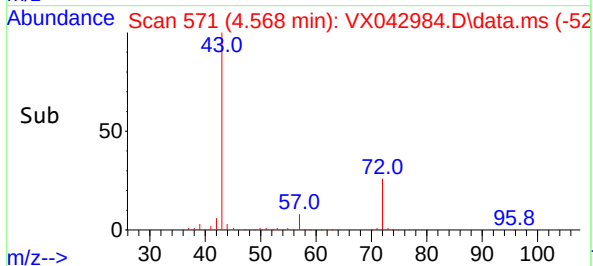
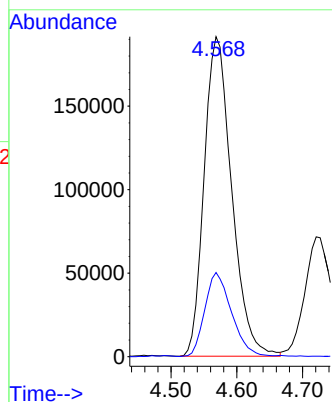
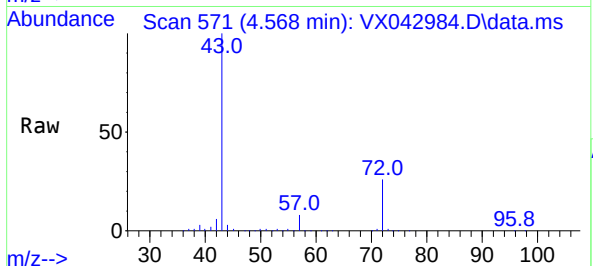




#25  
2-Butanone  
Concen: 339.343 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

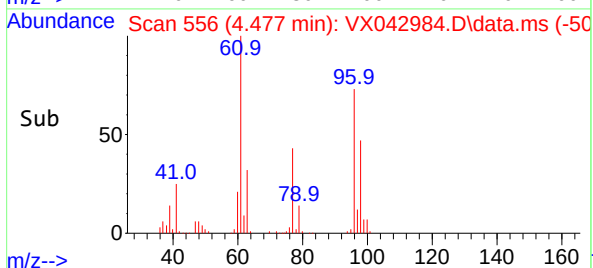
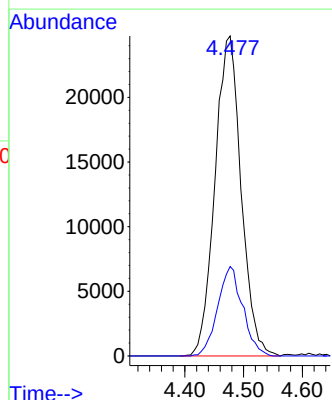
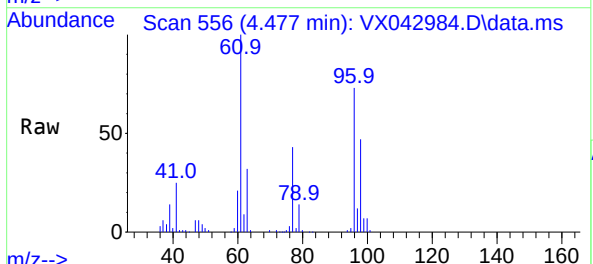
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

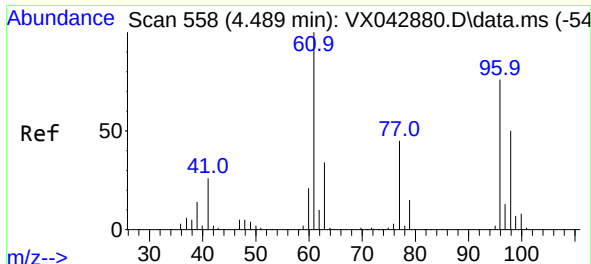
Tgt Ion: 43 Resp: 557269  
Ion Ratio Lower Upper  
43 100  
72 26.2 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 33.667 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 77 Resp: 76485  
Ion Ratio Lower Upper  
77 100  
97 26.7 10.8 32.3



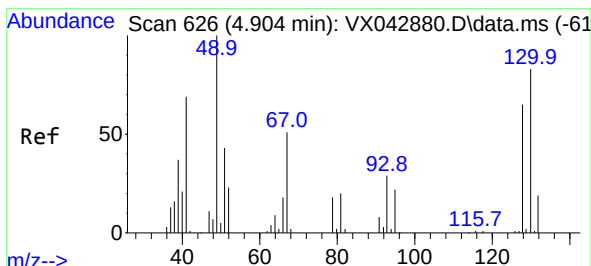
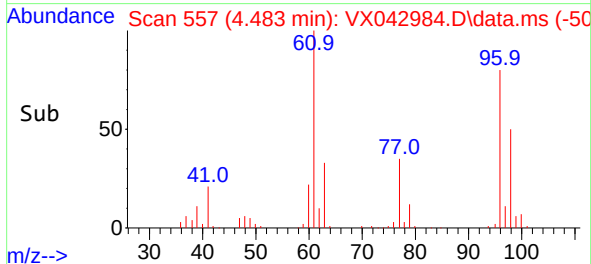
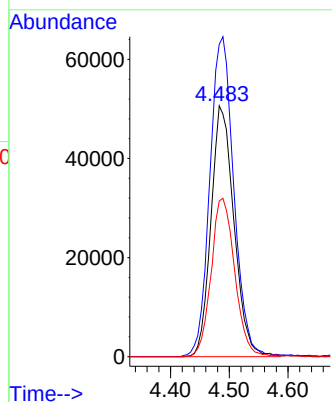
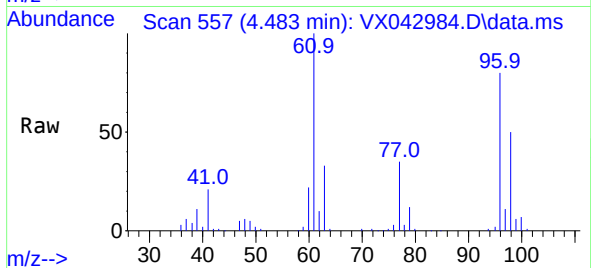


#27  
 cis-1,2-Dichloroethene  
 Concen: 59.627 ug/l  
 RT: 4.483 min Scan# 51  
 Delta R.T. -0.006 min  
 Lab File: VX042984.D  
 Acq: 09 Aug 2024 09:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 137713  

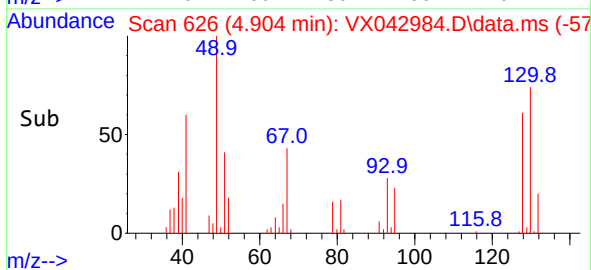
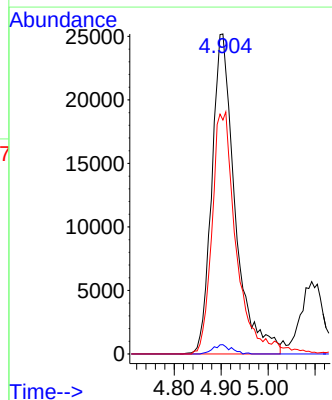
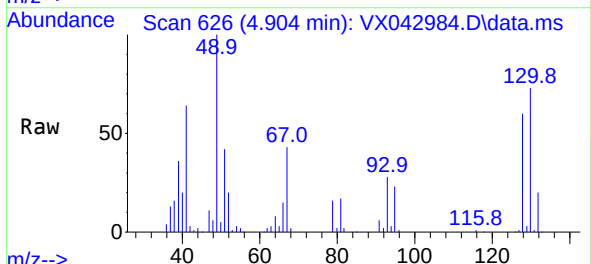
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 133.5 | 0.0   | 312.2 |
| 98  | 64.9  | 0.0   | 129.0 |

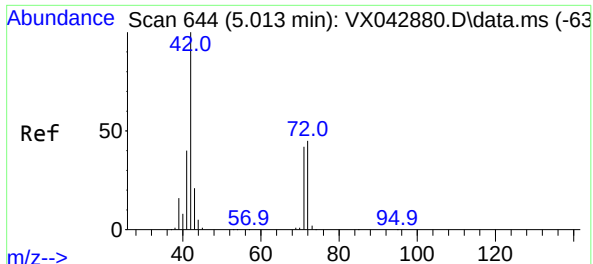


#28  
 Bromochloromethane  
 Concen: 61.237 ug/l  
 RT: 4.904 min Scan# 626  
 Delta R.T. -0.000 min  
 Lab File: VX042984.D  
 Acq: 09 Aug 2024 09:52

Tgt Ion: 49 Resp: 86832  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.3   | 0.0   | 3.8   |
| 130 | 76.5  | 57.5  | 86.3  |

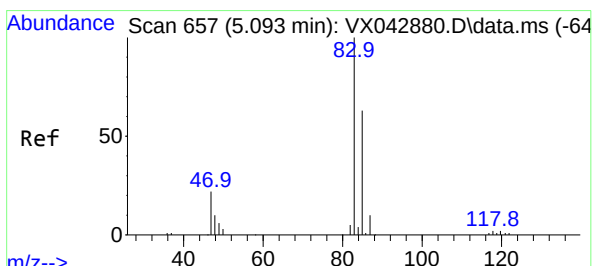
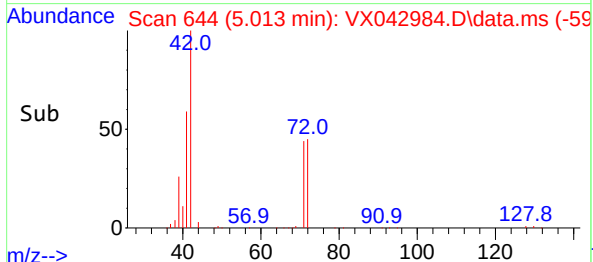
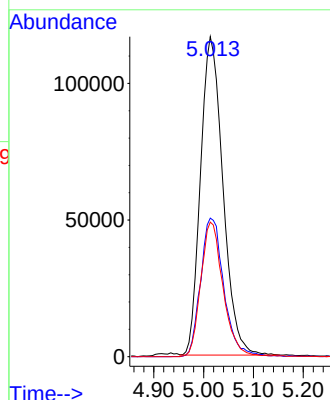
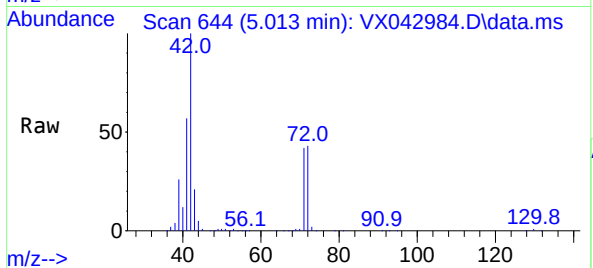




#29  
Tetrahydrofuran  
Concen: 328.568 ug/l  
RT: 5.013 min Scan# 644  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

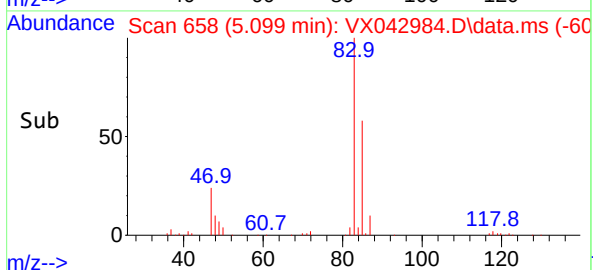
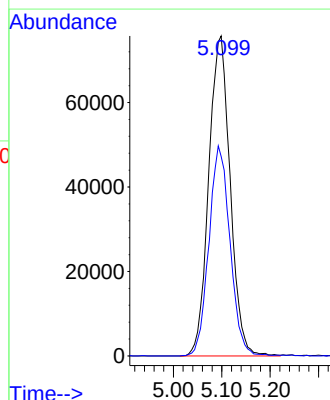
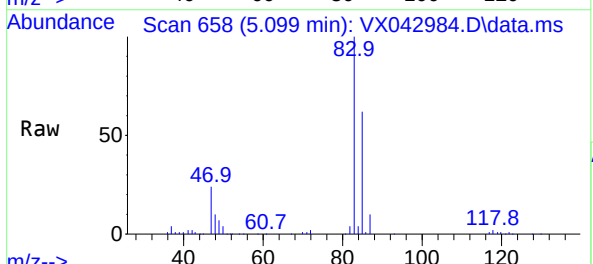
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

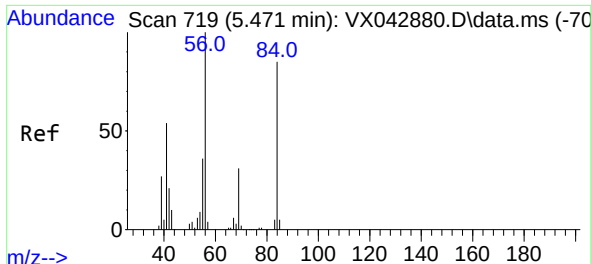
Tgt Ion: 42 Resp: 364610  
Ion Ratio Lower Upper  
42 100  
72 44.9 34.2 51.4  
71 41.9 32.2 48.2



#30  
Chloroform  
Concen: 60.283 ug/l  
RT: 5.099 min Scan# 658  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 83 Resp: 233211  
Ion Ratio Lower Upper  
83 100  
85 62.3 50.3 75.5



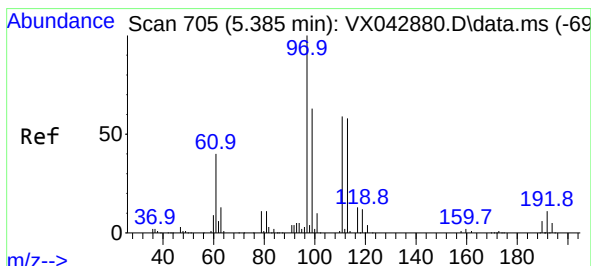
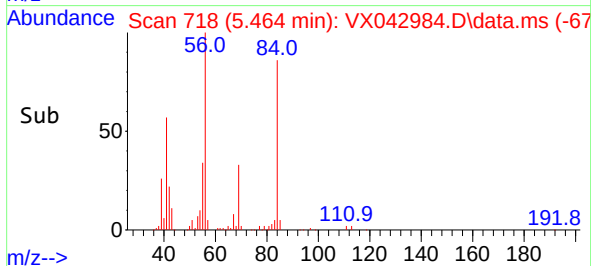
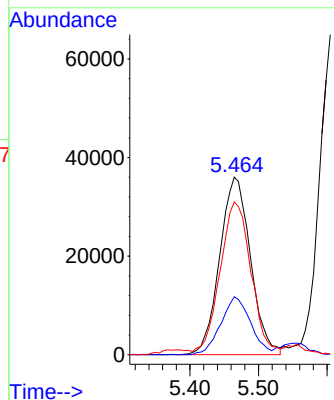
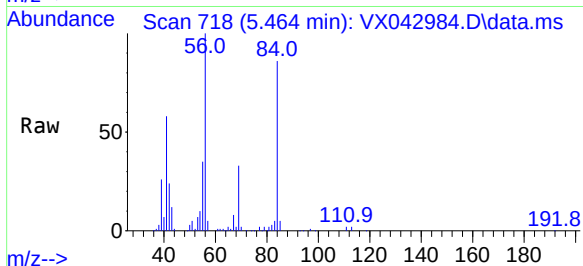


#31  
Cyclohexane  
Concen: 37.262 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 56 Resp: 112407

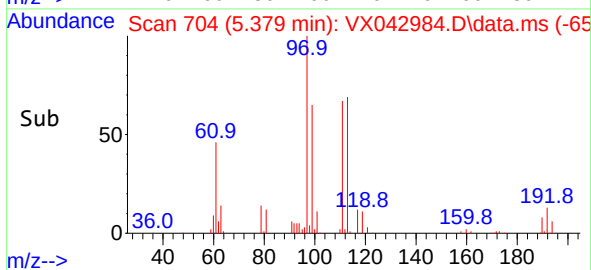
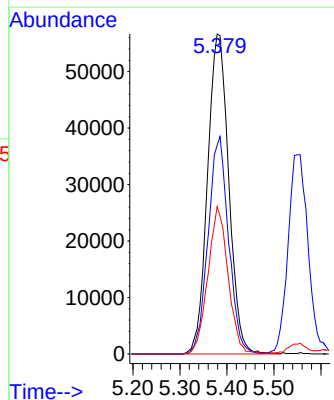
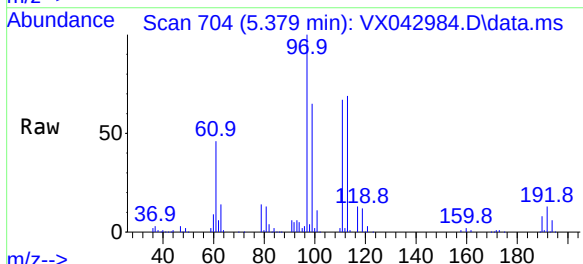
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.6  | 23.4  | 35.2  |
| 84  | 83.3  | 65.9  | 98.9  |

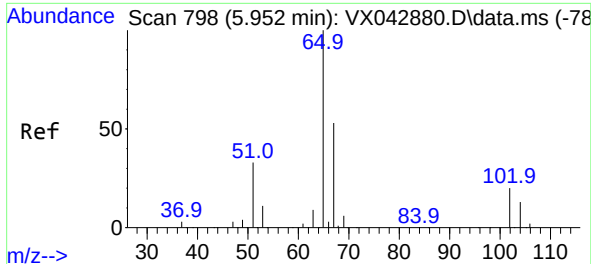


#32  
1,1,1-Trichloroethane  
Concen: 52.118 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 97 Resp: 177495

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 65.4  | 51.1  | 76.7  |
| 61  | 43.9  | 36.4  | 54.6  |

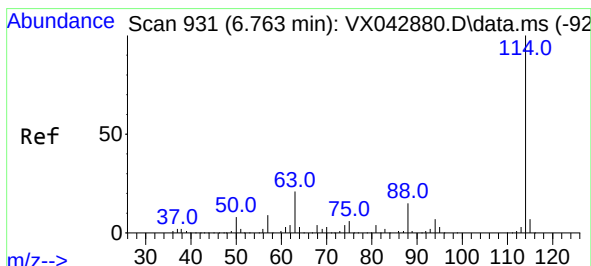
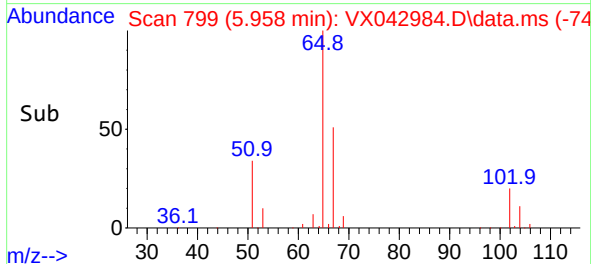
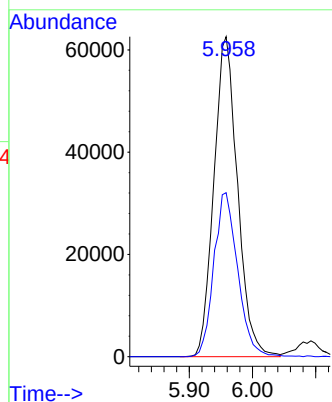
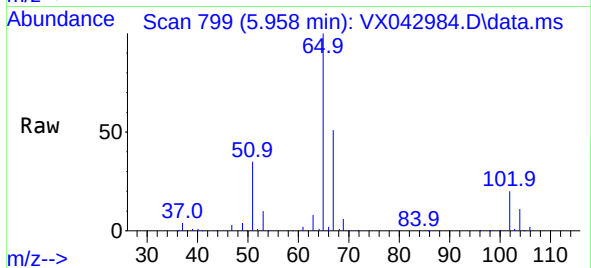




#33  
1,2-Dichloroethane-d4  
Concen: 67.337 ug/l  
RT: 5.958 min Scan# 798  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

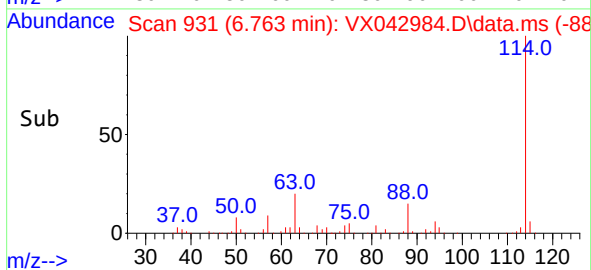
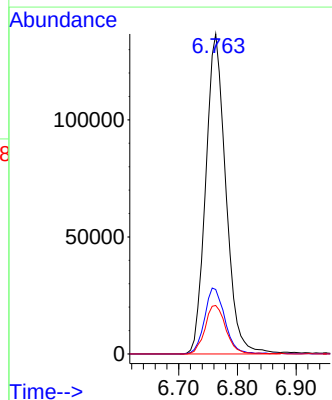
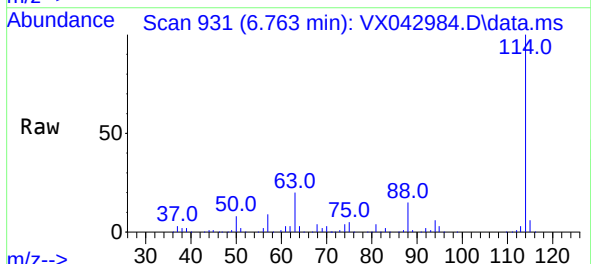
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

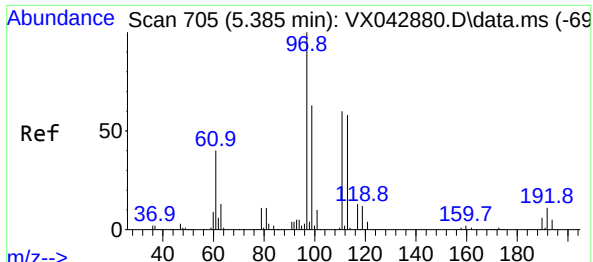
Tgt Ion: 65 Resp: 162344  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 114 Resp: 325069  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 45.0  
88 15.2 0.0 36.6

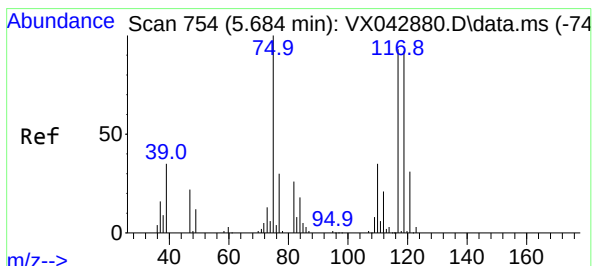
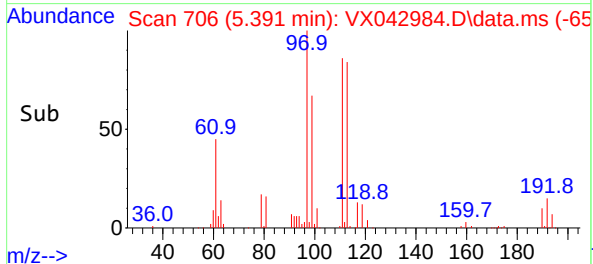
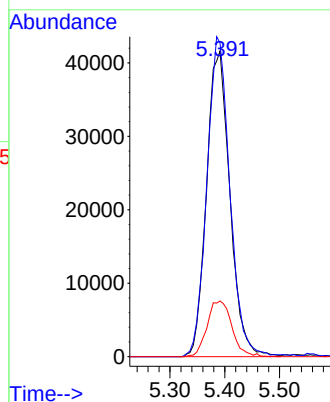
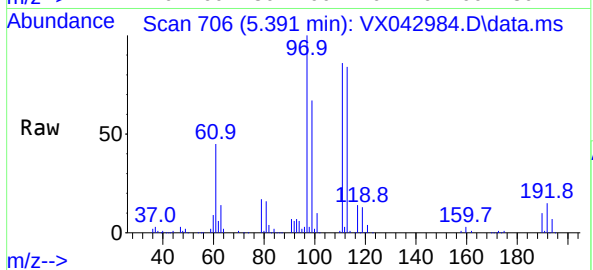




#35  
Dibromofluoromethane  
Concen: 57.960 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

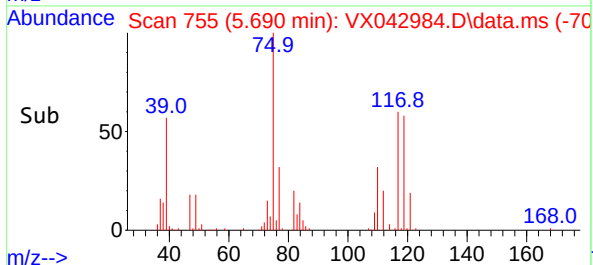
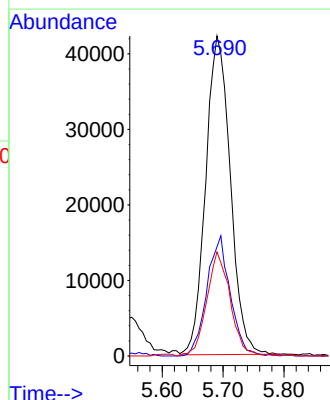
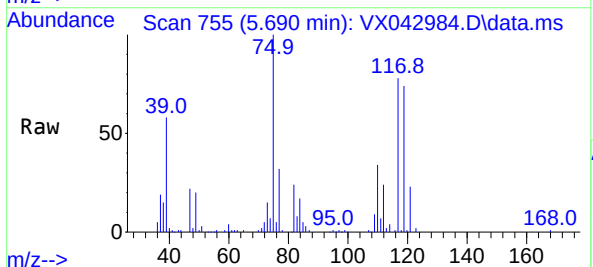
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

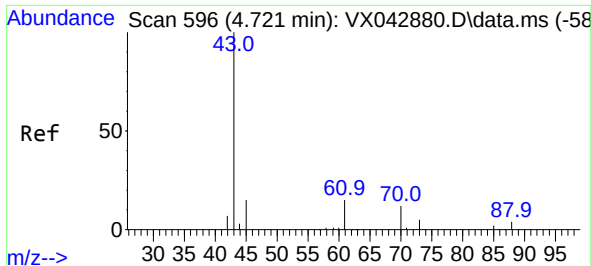
Tgt Ion:113 Resp: 123192  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.9 124.3  
192 19.4 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 41.195 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 75 Resp: 118711  
Ion Ratio Lower Upper  
75 100  
110 35.6 17.0 50.9  
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 59.227 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

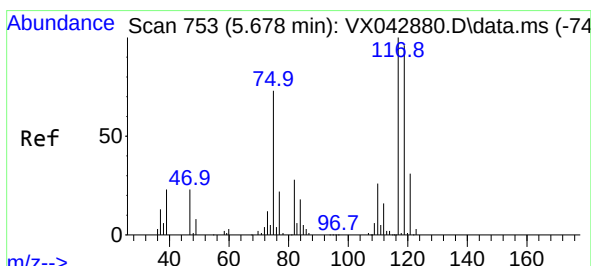
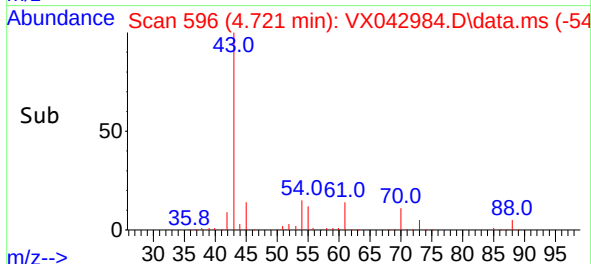
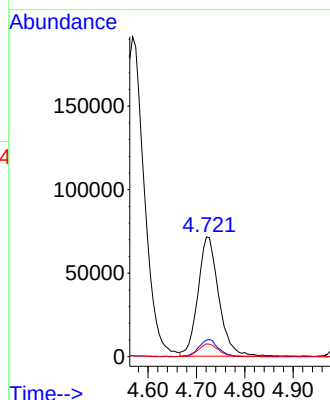
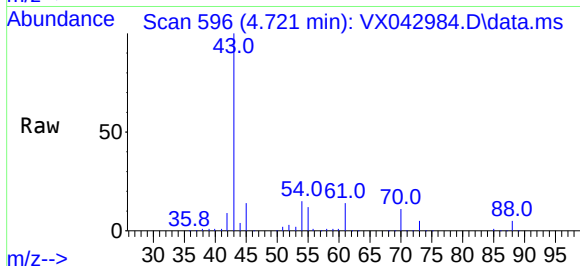
Tgt Ion: 43 Resp: 213546

Ion Ratio Lower Upper

43 100

61 13.3 10.6 16.0

70 10.3 8.3 12.5



#38

Carbon Tetrachloride

Concen: 42.321 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

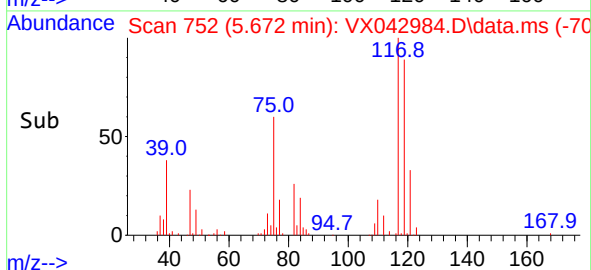
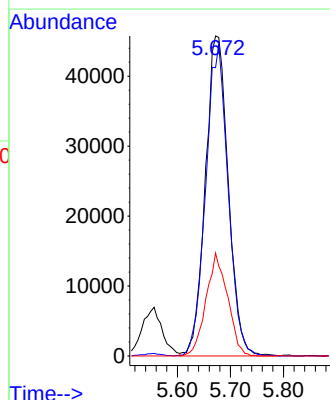
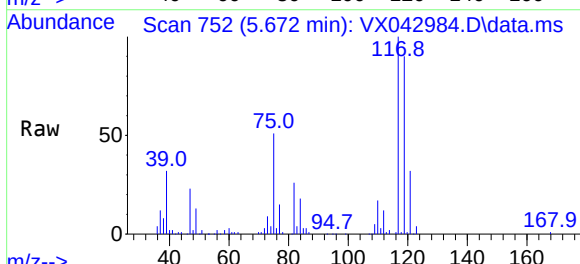
Tgt Ion: 117 Resp: 137670

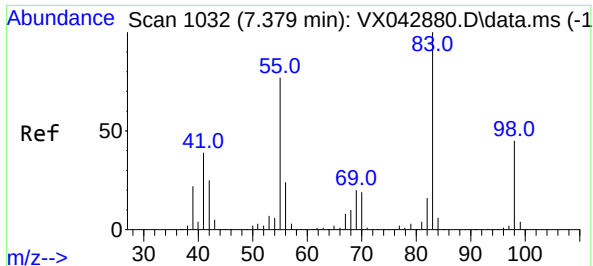
Ion Ratio Lower Upper

117 100

119 90.1 78.2 117.2

121 32.2 24.4 36.6

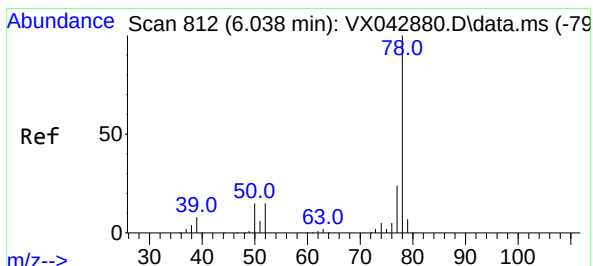
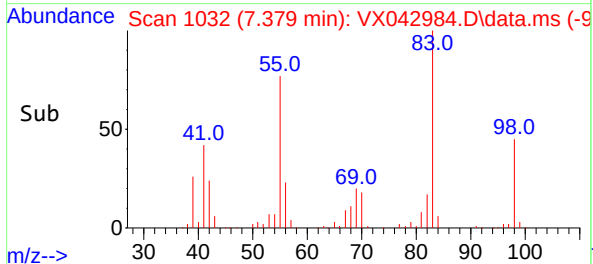
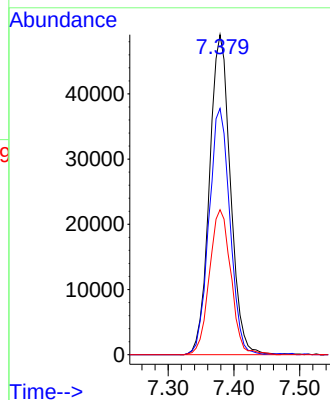
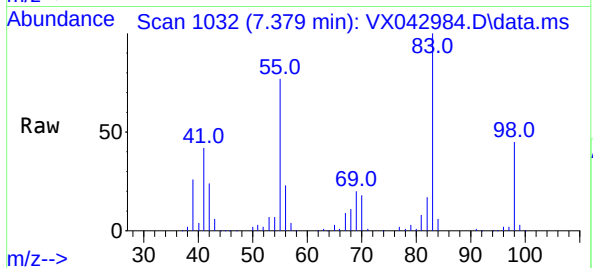




#39  
Methylcyclohexane  
Concen: 31.753 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

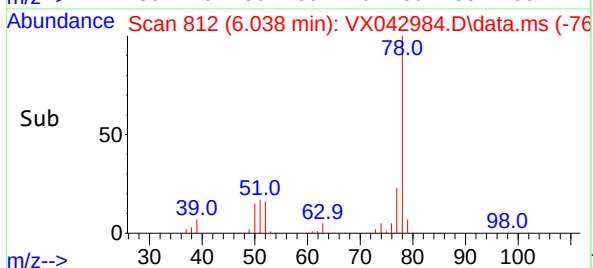
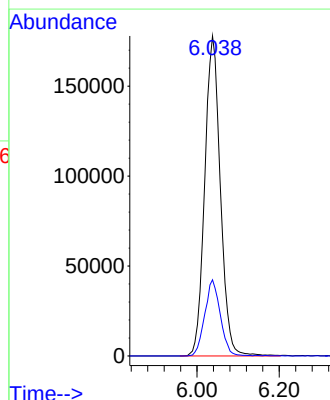
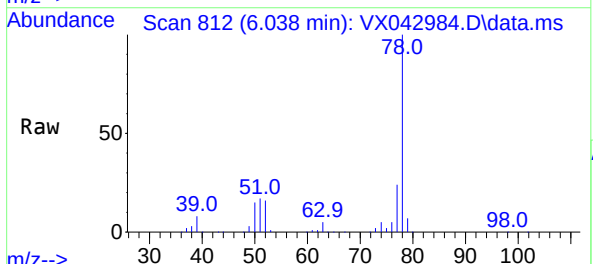
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 108774  
Ion Ratio Lower Upper  
83 100  
55 76.9 64.6 97.0  
98 45.3 36.7 55.1

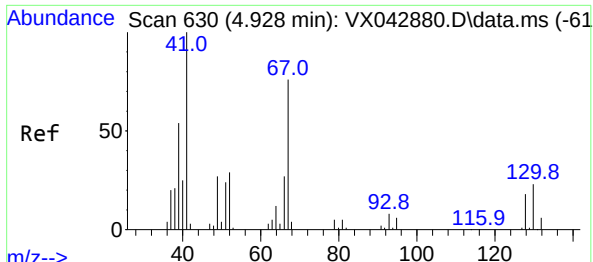


#40  
Benzene  
Concen: 52.541 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 78 Resp: 469901  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.3 28.9





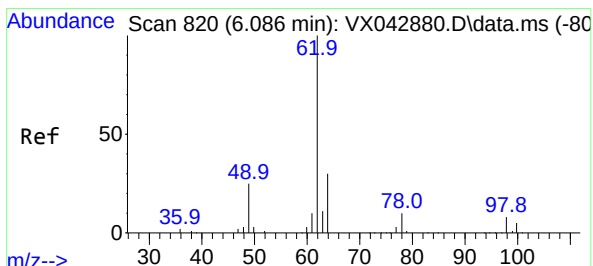
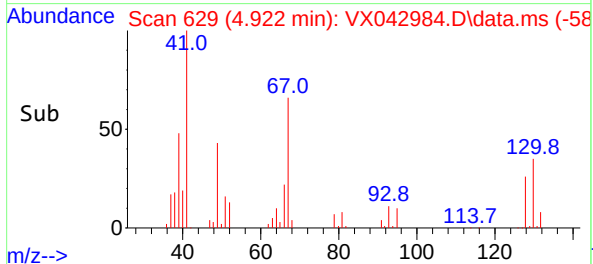
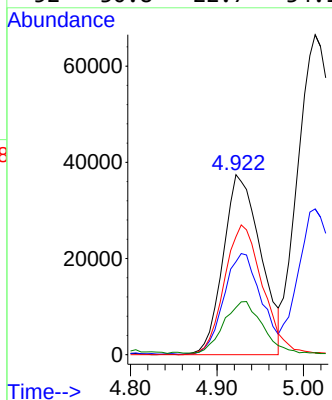
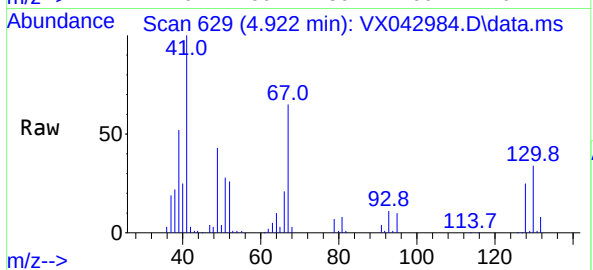


#41  
Methacrylonitrile  
Concen: 60.748 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 112812

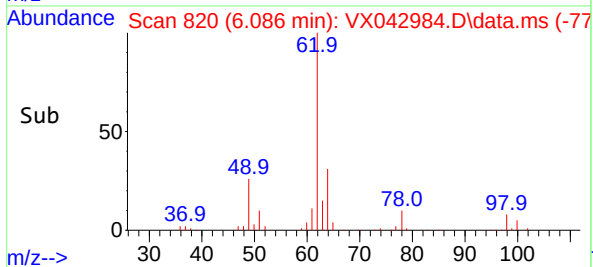
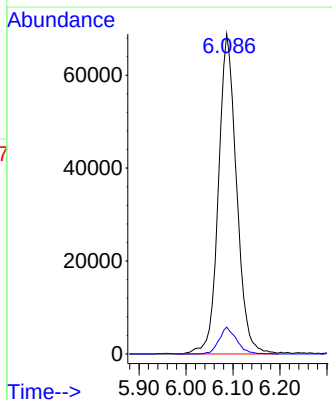
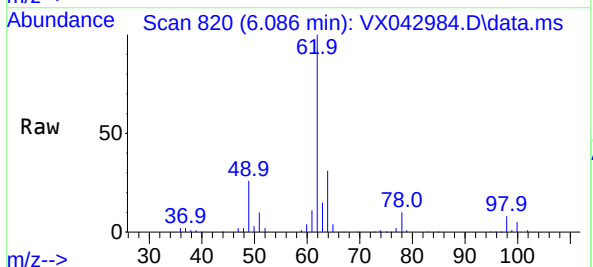
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.5  | 45.2  | 67.8  |
| 67  | 74.4  | 52.6  | 78.8  |
| 52  | 30.8  | 22.7  | 34.1  |

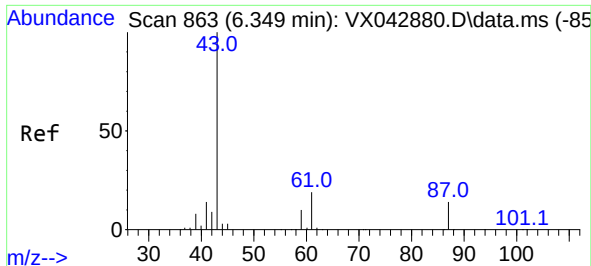


#42  
1,2-Dichloroethane  
Concen: 56.833 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 62 Resp: 184883

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.1   | 0.0   | 16.0  |

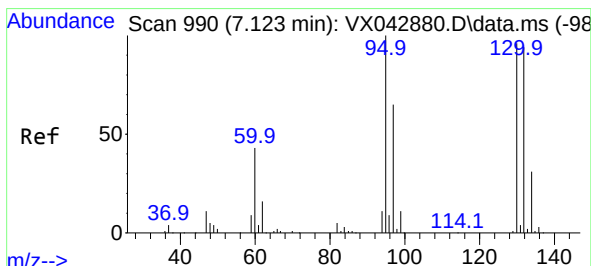
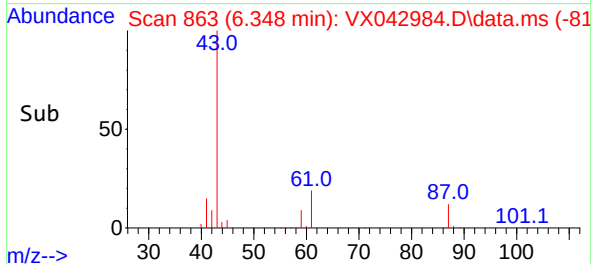
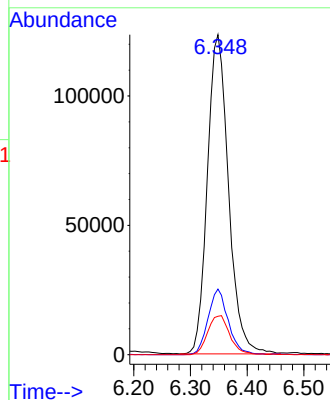
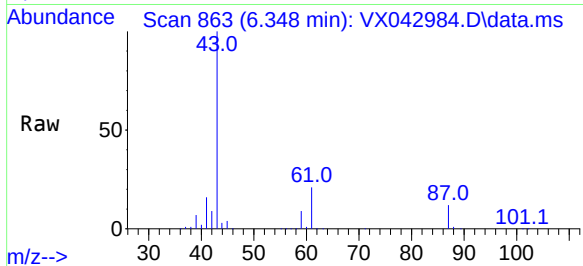




#43  
Isopropyl Acetate  
Concen: 59.996 ug/l  
RT: 6.348 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

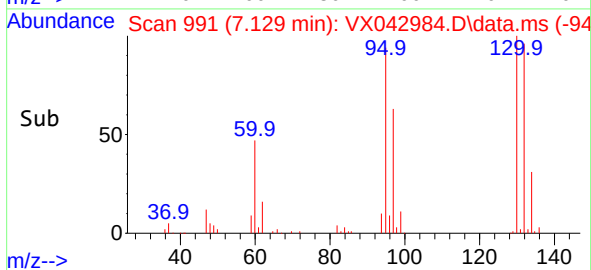
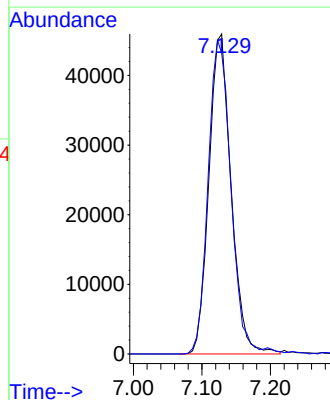
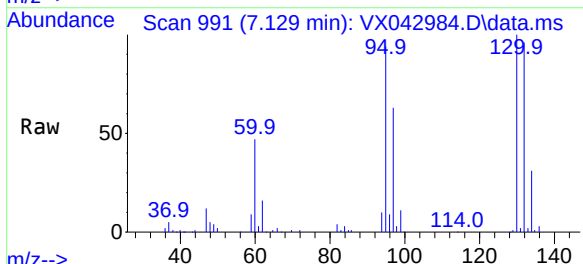
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

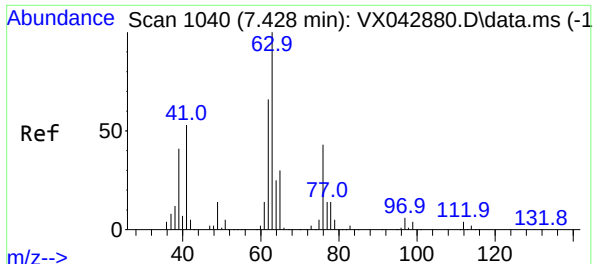
Tgt Ion: 43 Resp: 319914  
Ion Ratio Lower Upper  
43 100  
61 19.6 15.2 22.8  
87 12.8 9.8 14.6



#44  
Trichloroethene  
Concen: 45.962 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion:130 Resp: 103288  
Ion Ratio Lower Upper  
130 100  
95 94.1 0.0 204.4

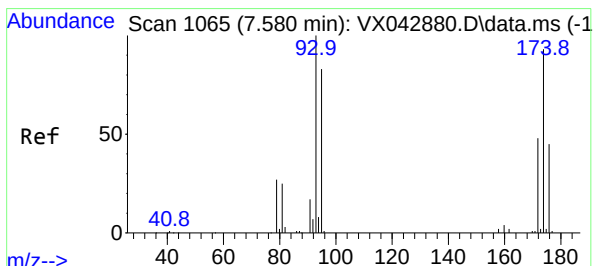
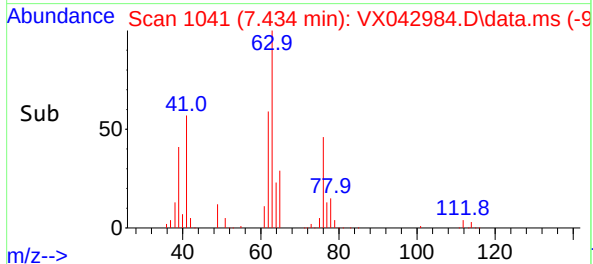
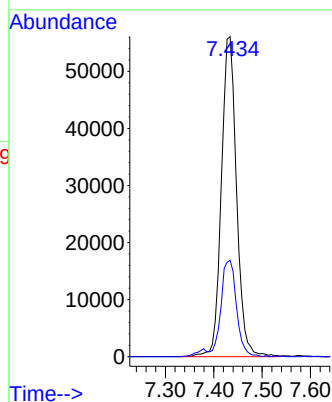
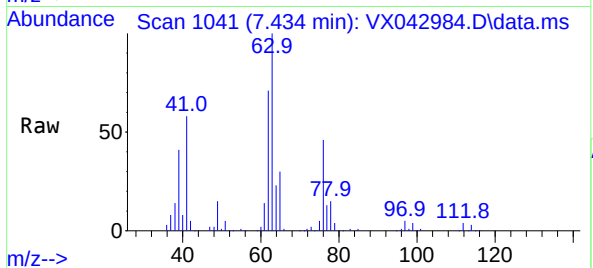




#45  
1,2-Dichloropropane  
Concen: 53.976 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

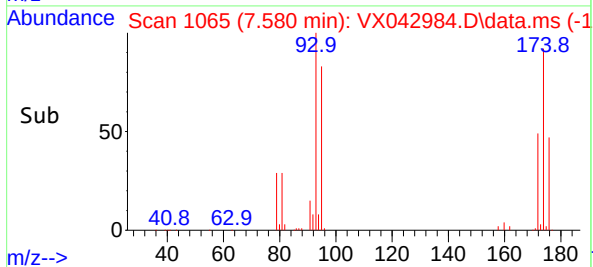
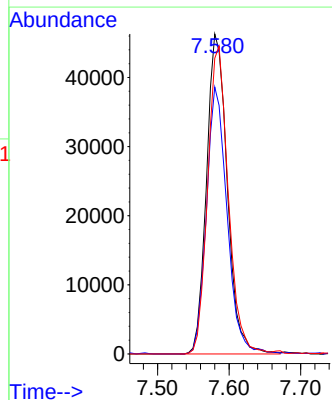
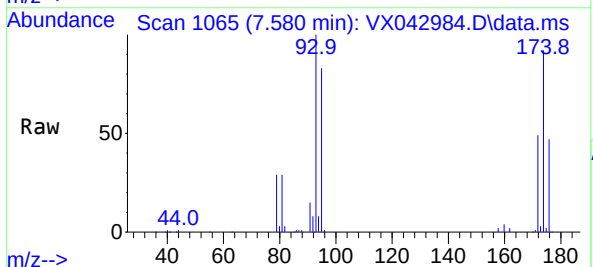
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

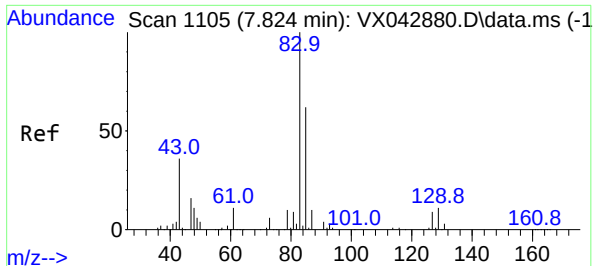
Tgt Ion: 63 Resp: 122457  
Ion Ratio Lower Upper  
63 100  
65 30.1 24.3 36.5



#46  
Dibromomethane  
Concen: 56.029 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 93 Resp: 93360  
Ion Ratio Lower Upper  
93 100  
95 83.2 66.6 100.0  
174 95.6 69.4 104.0

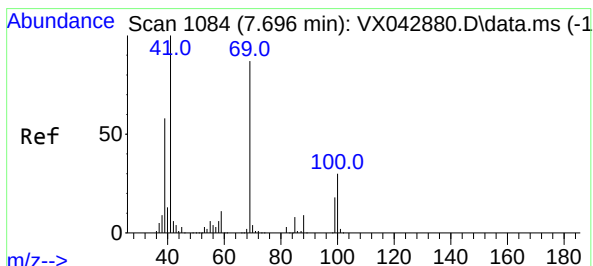
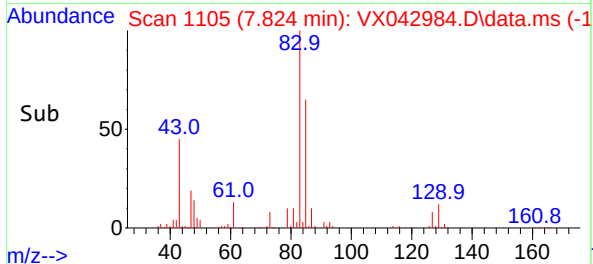
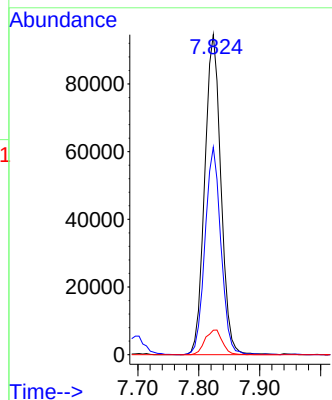
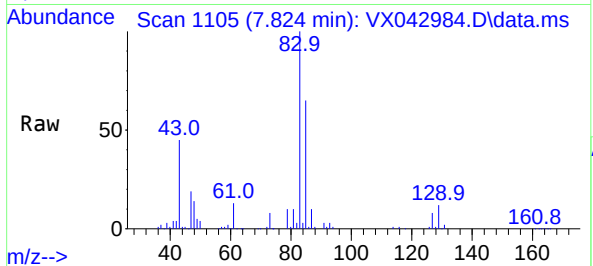




#47  
Bromodichloromethane  
Concen: 56.393 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

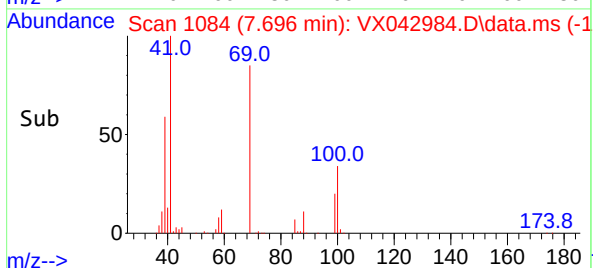
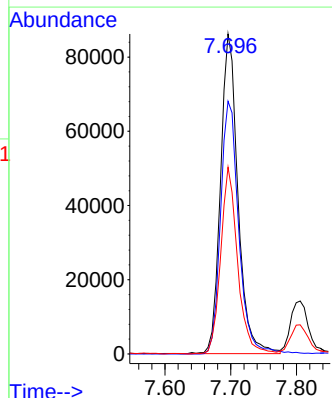
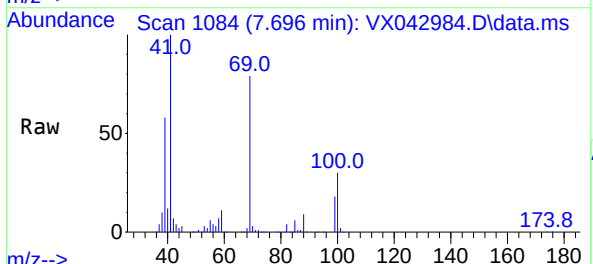
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

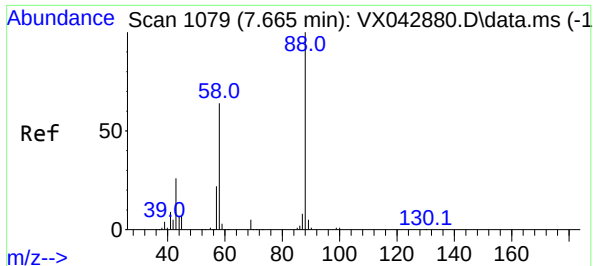
Tgt Ion: 83 Resp: 174558  
Ion Ratio Lower Upper  
83 100  
85 64.9 49.8 74.6  
127 7.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 61.982 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 41 Resp: 158476  
Ion Ratio Lower Upper  
41 100  
69 82.8 59.2 88.8  
39 56.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1294.175 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

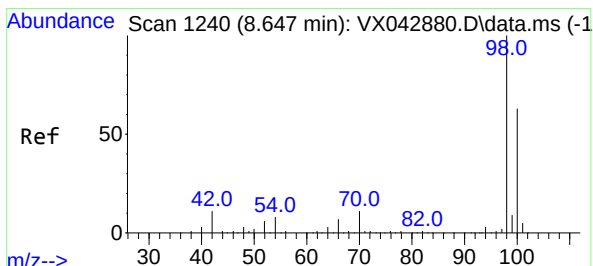
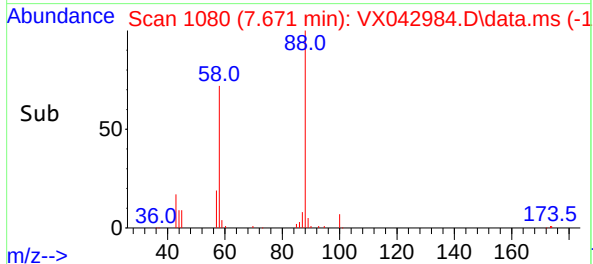
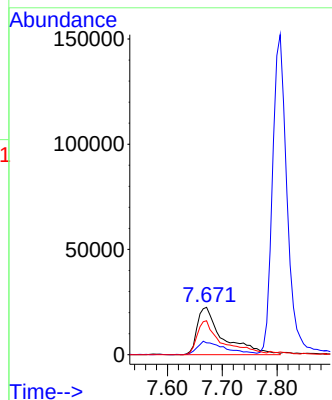
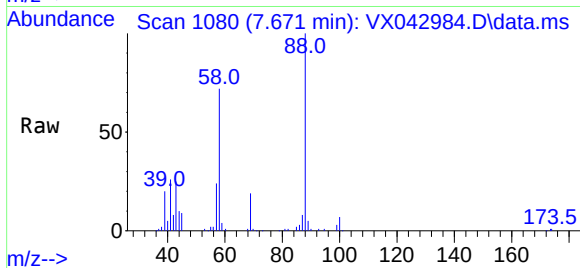
Tgt Ion: 88 Resp: 73455

Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0#

58 68.5 60.1 90.1



#50

Toluene-d8

Concen: 52.189 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX042984.D

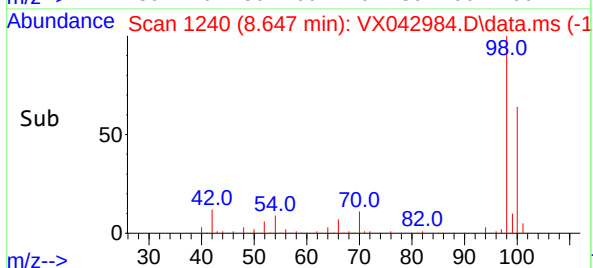
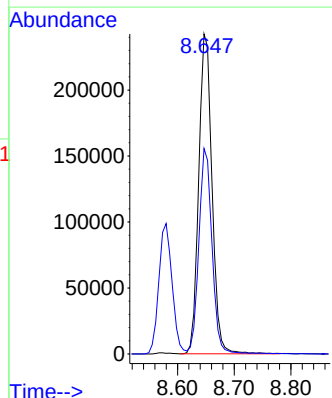
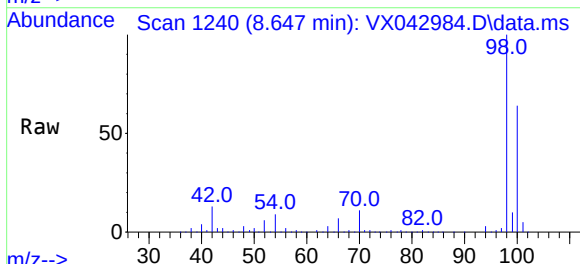
Acq: 09 Aug 2024 09:52

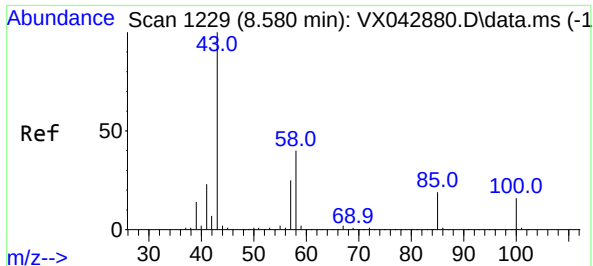
Tgt Ion: 98 Resp: 393792

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 311.647 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

Instrument :

MSVOA\_X

ClientSampleId :

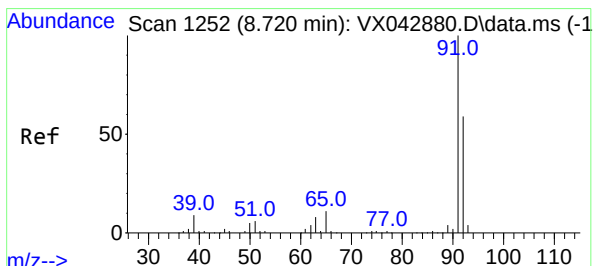
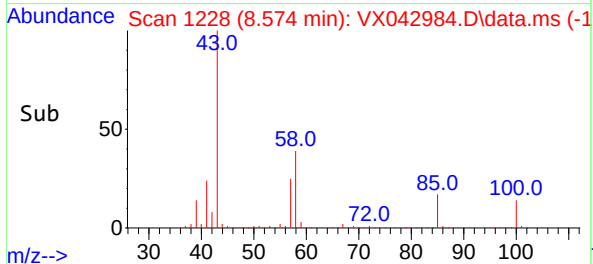
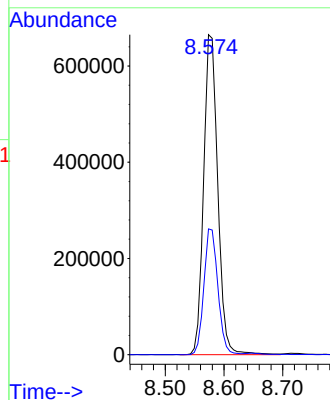
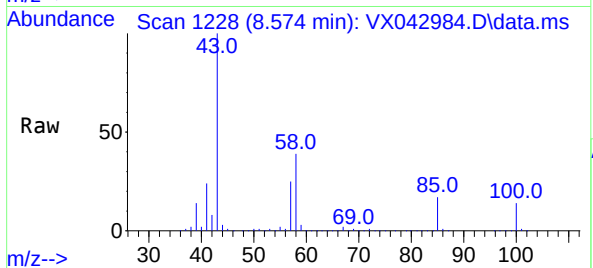
VSTDCCC050EC

Tgt Ion: 43 Resp: 1113117

Ion Ratio Lower Upper

43 100

58 38.9 30.4 45.6



#52

Toluene

Concen: 49.584 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042984.D

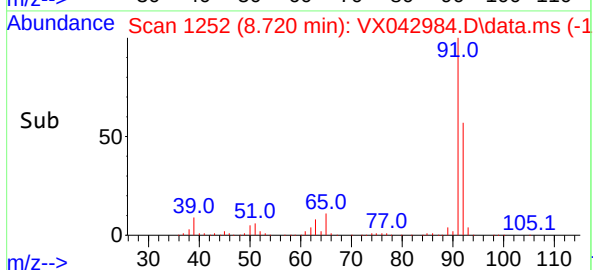
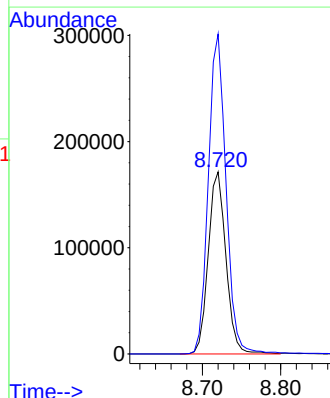
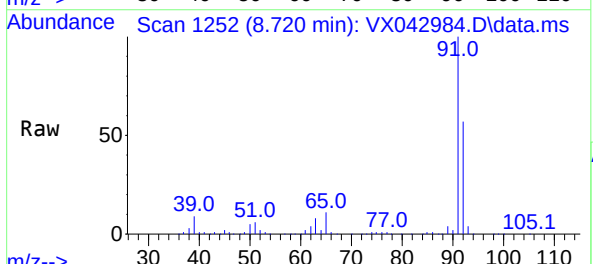
Acq: 09 Aug 2024 09:52

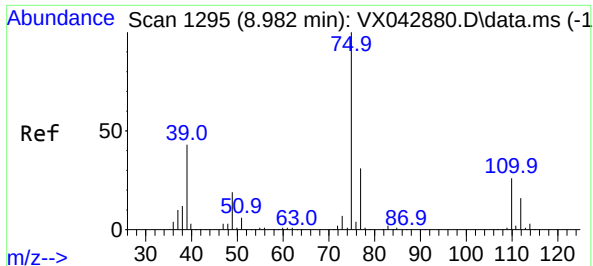
Tgt Ion: 92 Resp: 268994

Ion Ratio Lower Upper

92 100

91 176.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 52.352 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

Instrument :

MSVOA\_X

ClientSampleId :

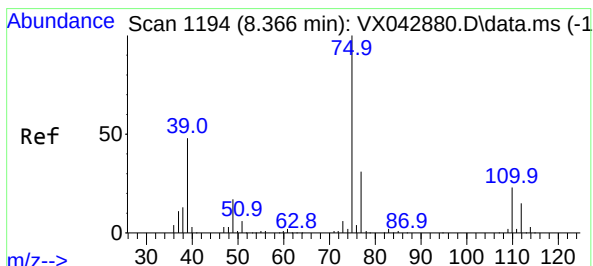
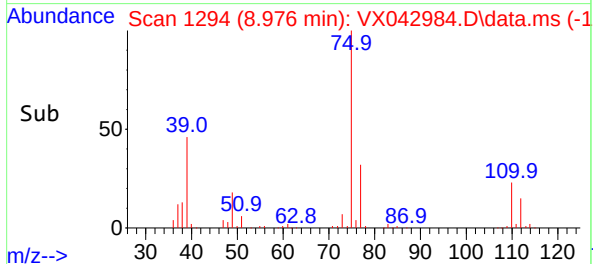
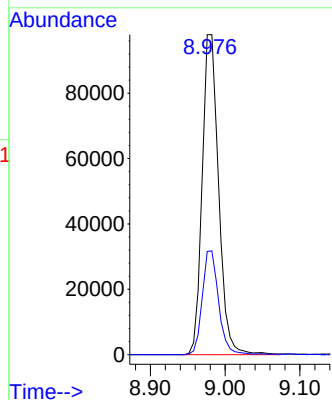
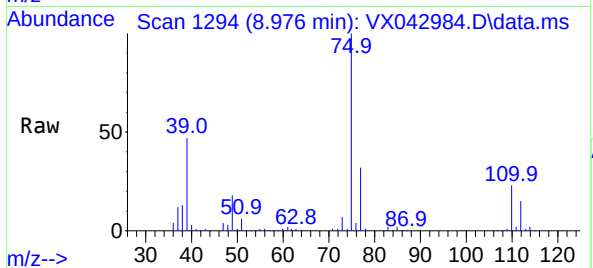
VSTDCCC050EC

Tgt Ion: 75 Resp: 149799

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 51.887 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

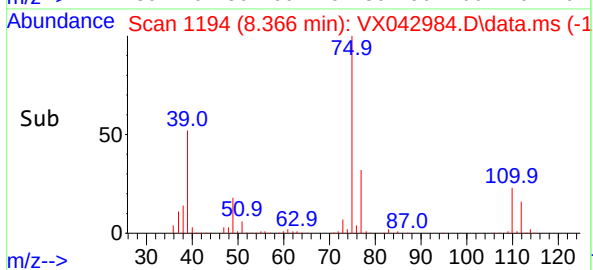
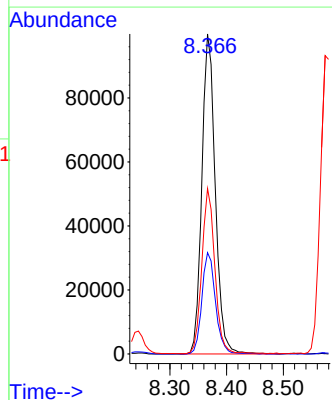
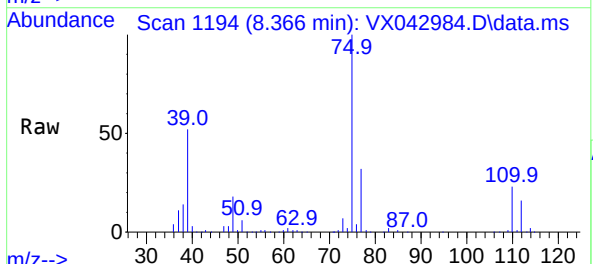
Tgt Ion: 75 Resp: 163966

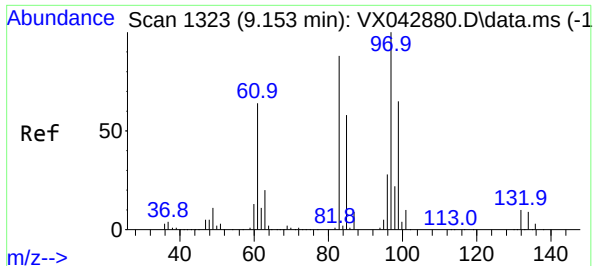
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 51.6 46.7 70.1



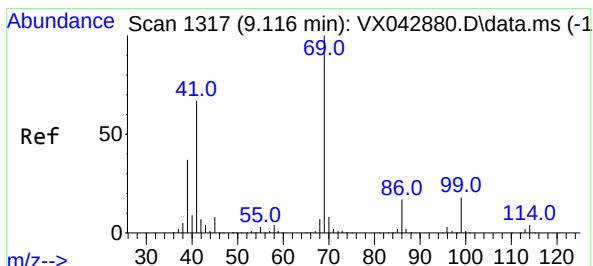
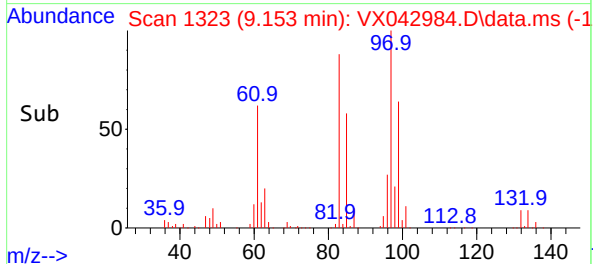
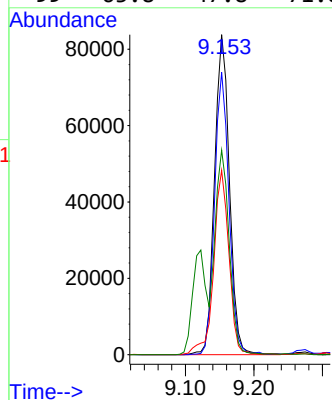
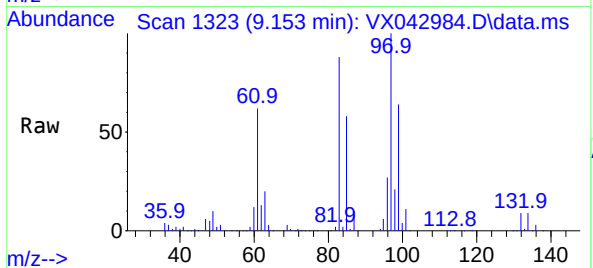


#55  
1,1,2-Trichloroethane  
Concen: 57.478 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 126763

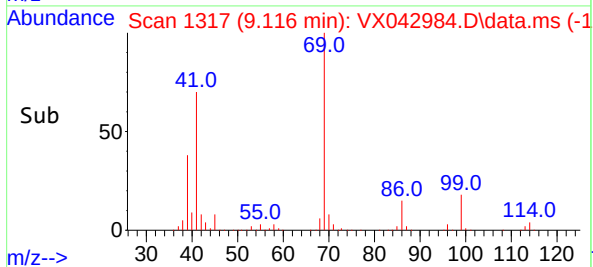
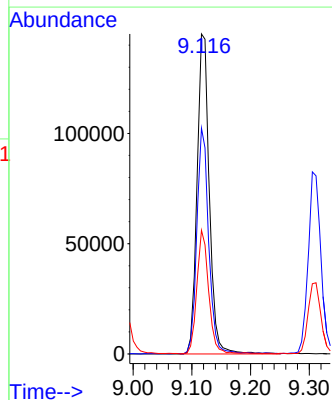
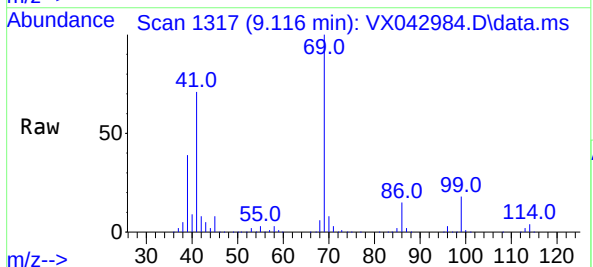
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.3  | 65.8  | 98.8  |
| 85  | 57.6  | 41.6  | 62.4  |
| 99  | 63.8  | 47.8  | 71.8  |



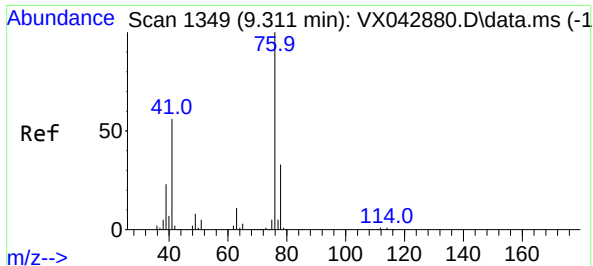
#56  
Ethyl methacrylate  
Concen: 59.320 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 69 Resp: 210522

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.0  | 56.8  | 85.2  |
| 39  | 36.9  | 32.0  | 48.0  |



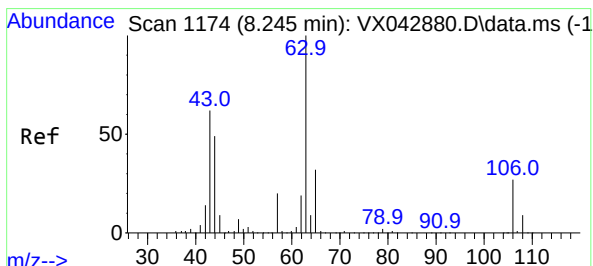
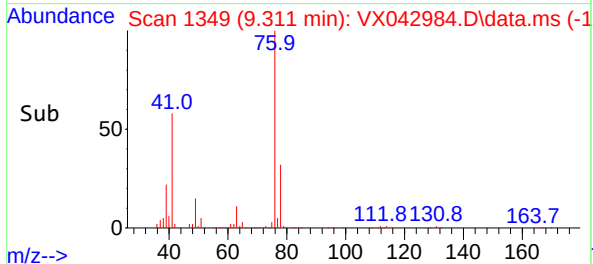
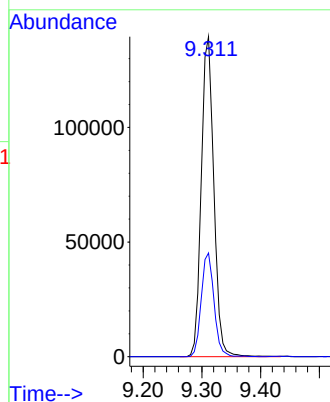
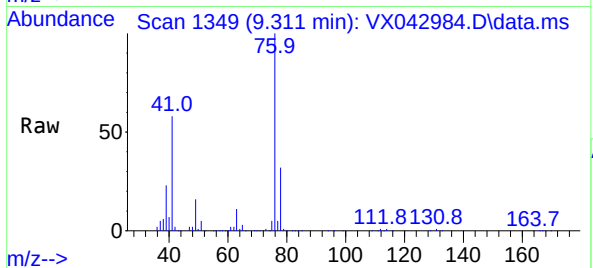




#57  
1,3-Dichloropropane  
Concen: 57.174 ug/l  
RT: 9.311 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

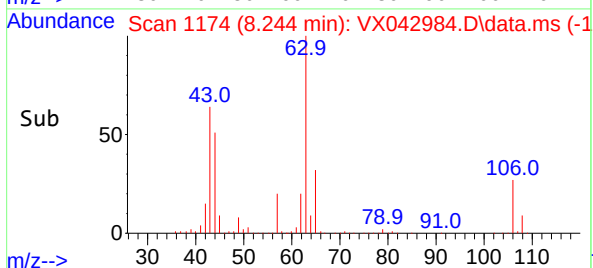
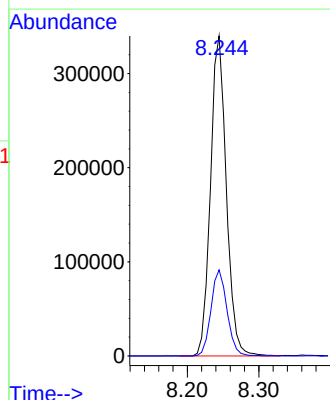
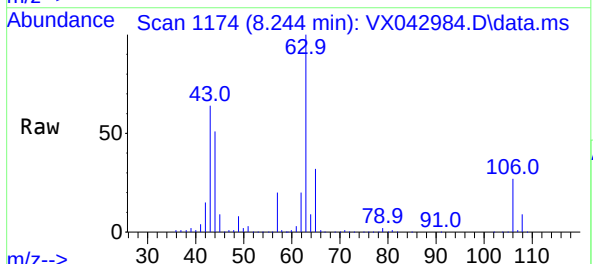
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

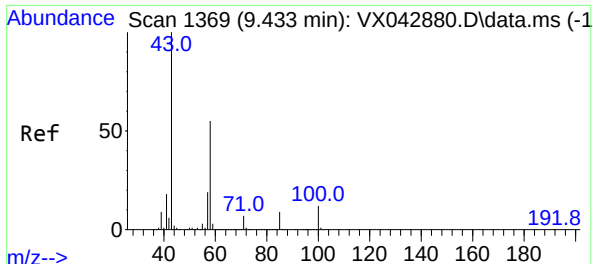
Tgt Ion: 76 Resp: 206561  
Ion Ratio Lower Upper  
76 100  
78 33.0 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 312.332 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 63 Resp: 522419  
Ion Ratio Lower Upper  
63 100  
106 27.2 22.5 33.7





#59

2-Hexanone

Concen: 309.382 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

Instrument :

MSVOA\_X

ClientSampleId :

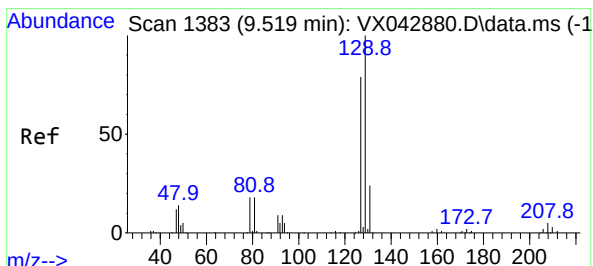
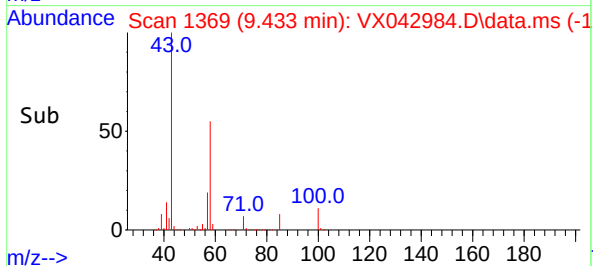
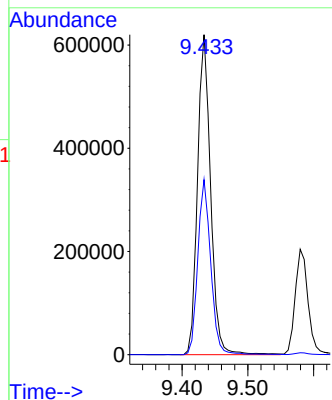
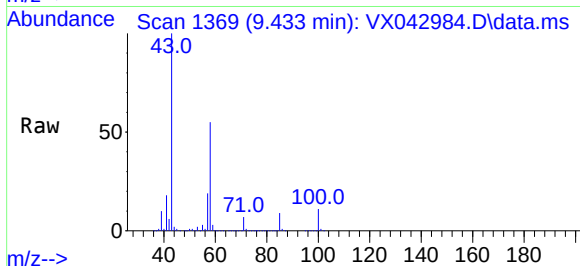
VSTDCCC050EC

Tgt Ion: 43 Resp: 856253

Ion Ratio Lower Upper

43 100

58 54.2 26.2 78.5



#60

Dibromochloromethane

Concen: 55.354 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX042984.D

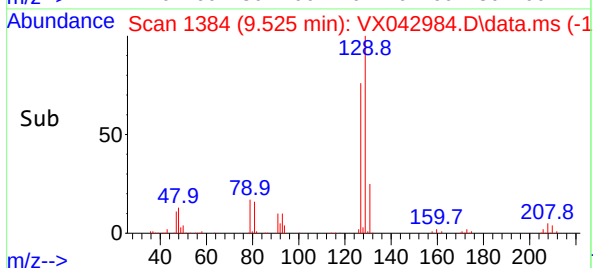
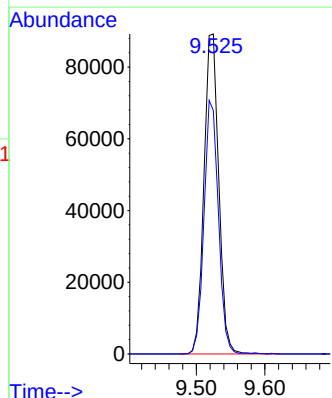
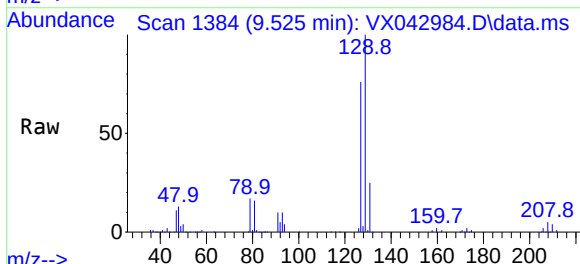
Acq: 09 Aug 2024 09:52

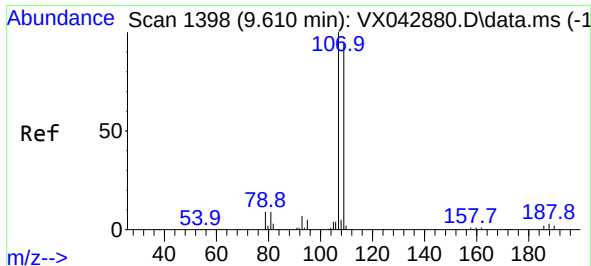
Tgt Ion: 129 Resp: 134108

Ion Ratio Lower Upper

129 100

127 77.3 38.8 116.4

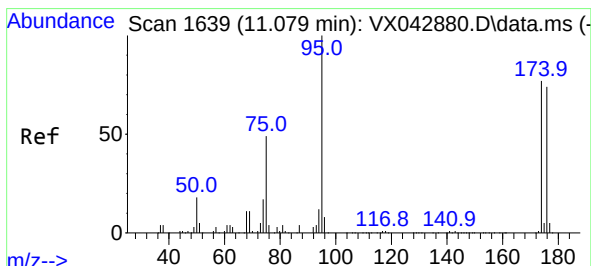
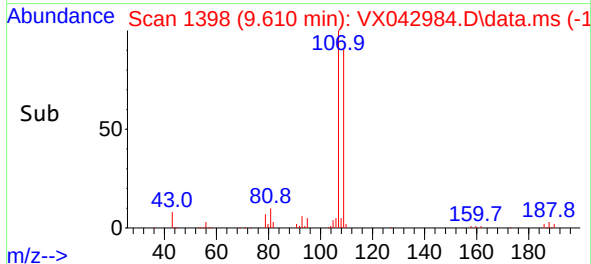
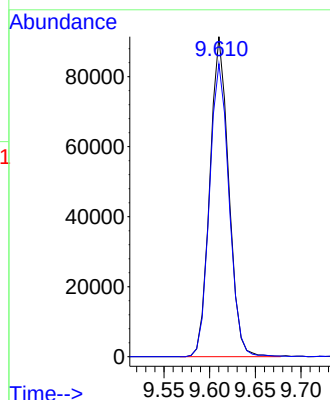
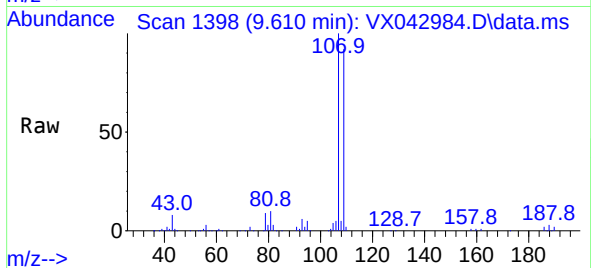




#61  
1,2-Dibromoethane  
Concen: 56.265 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

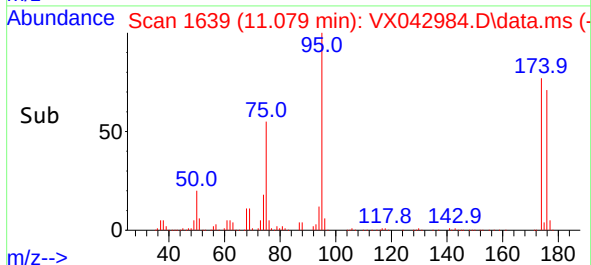
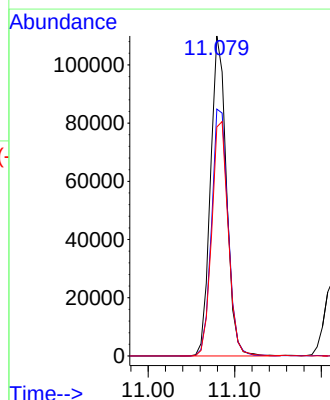
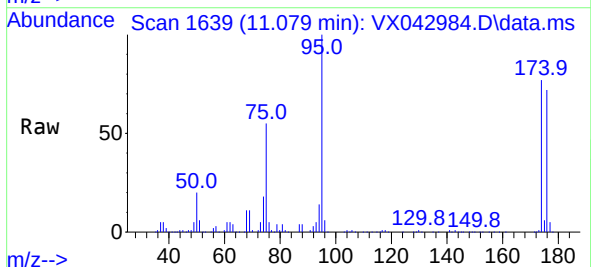
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ClientSampleId :  
VSTDCCC050EC

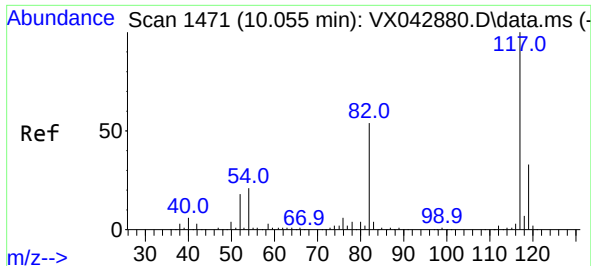
Tgt Ion:107 Resp: 131103  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 51.816 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 95 Resp: 140495  
Ion Ratio Lower Upper  
95 100  
174 79.8 0.0 135.6  
176 75.7 0.0 131.0

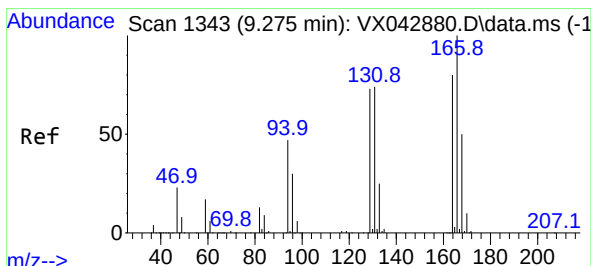
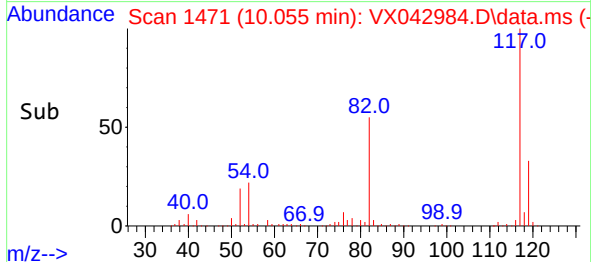
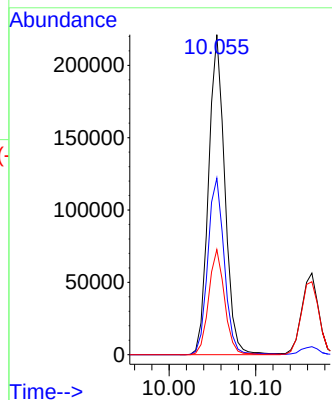
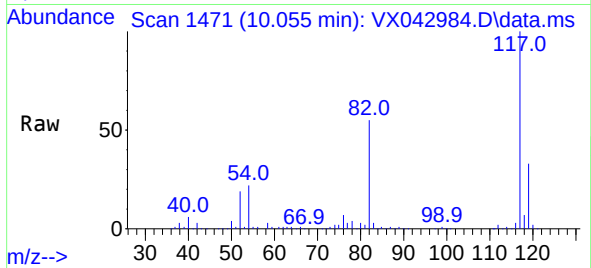




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

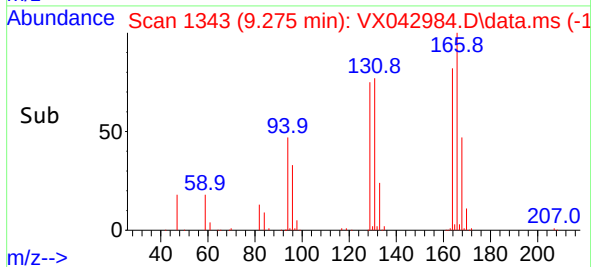
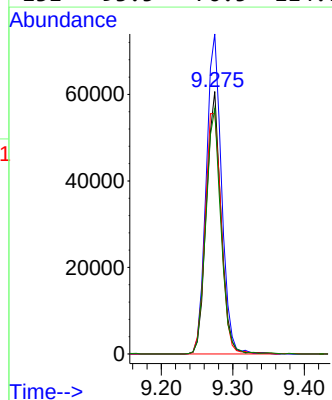
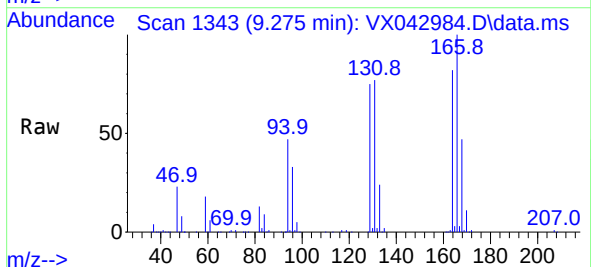
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

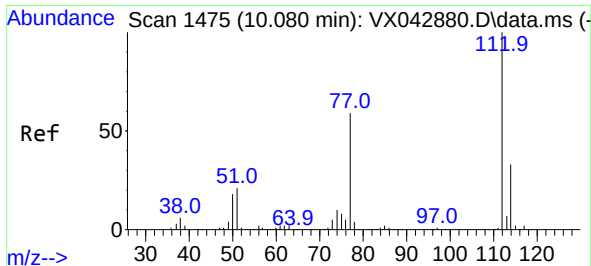
Tgt Ion:117 Resp: 288592  
Ion Ratio Lower Upper  
117 100  
82 55.2 46.2 69.4  
119 32.9 25.5 38.3



#64  
Tetrachloroethene  
Concen: 43.186 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion:164 Resp: 86658  
Ion Ratio Lower Upper  
164 100  
166 122.0 102.7 154.1  
129 91.6 80.4 120.6  
131 93.5 76.5 114.7

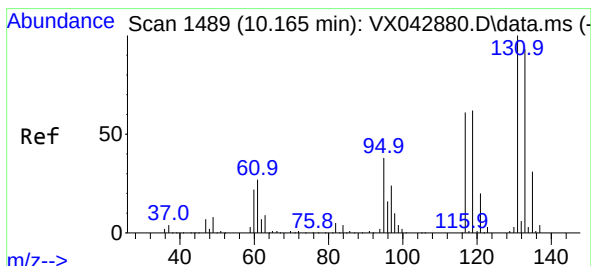
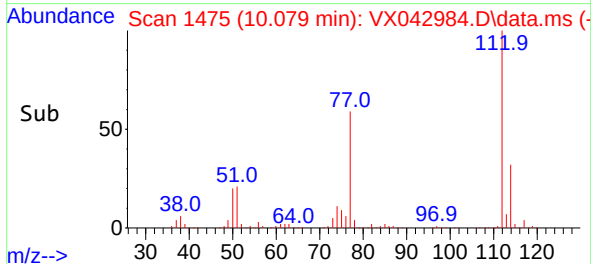
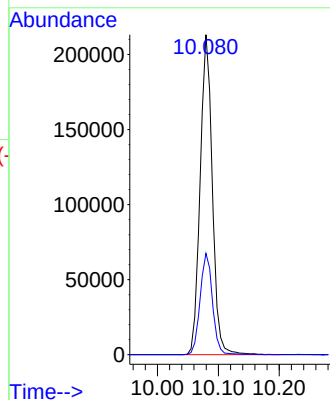
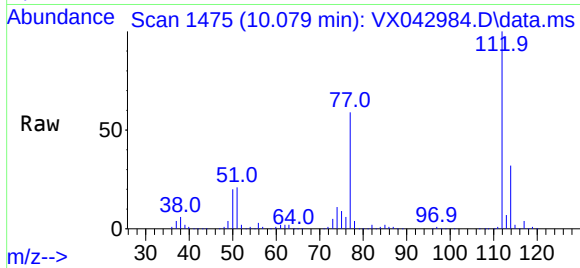




#65  
Chlorobenzene  
Concen: 48.479 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

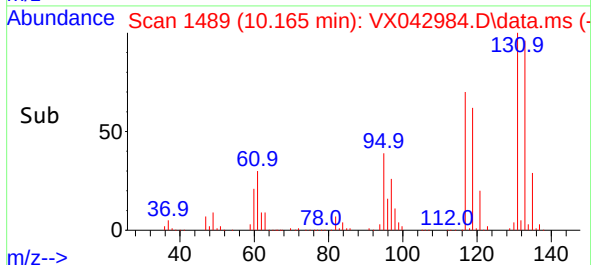
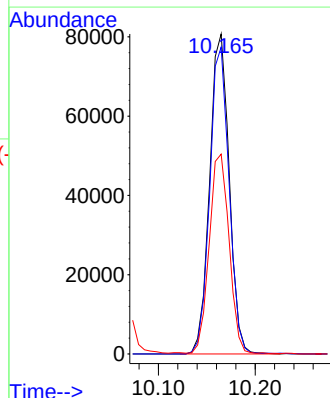
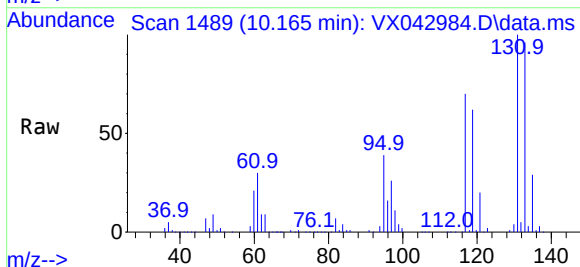
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

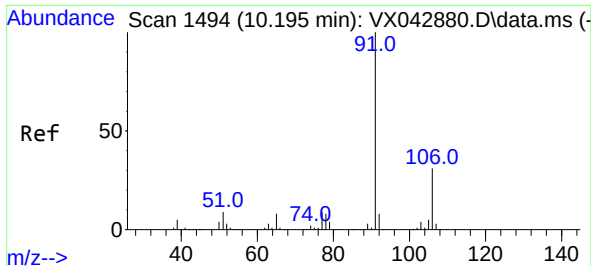
Tgt Ion:112 Resp: 296891  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.594 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion:131 Resp: 113172  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.1 141.4  
119 63.7 32.2 96.6

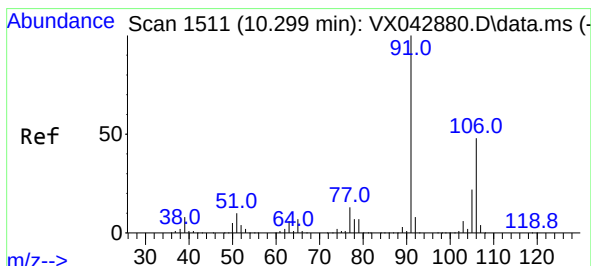
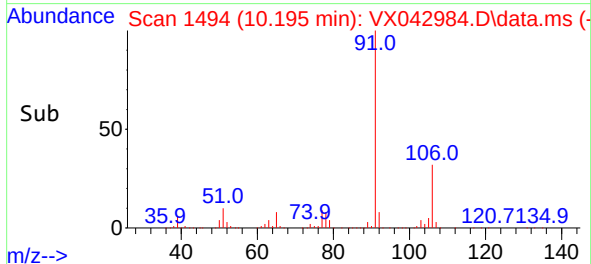
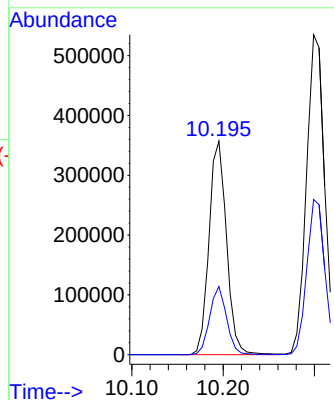
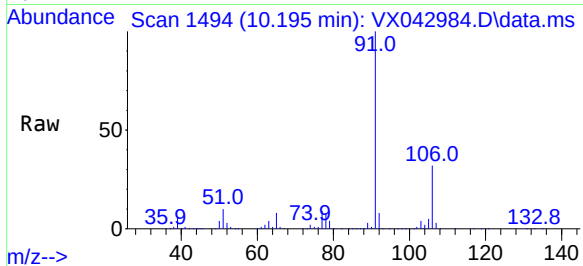




#67  
Ethyl Benzene  
Concen: 46.094 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

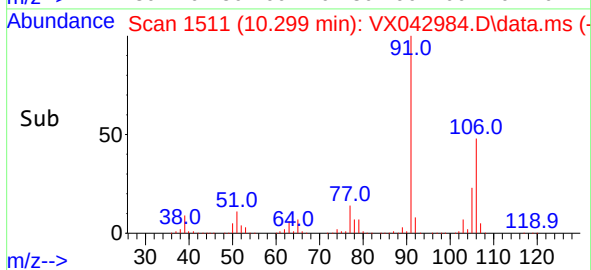
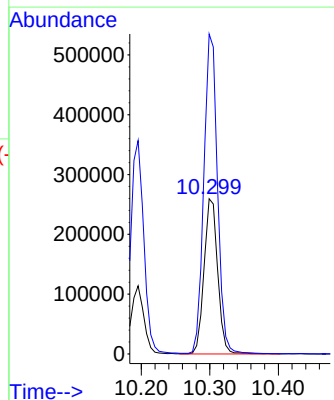
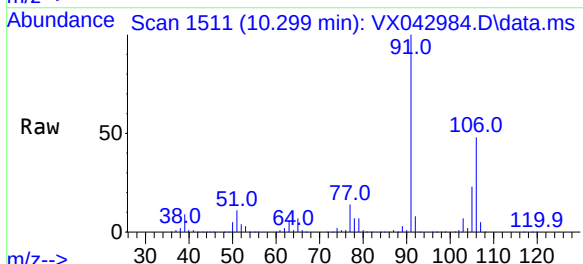
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

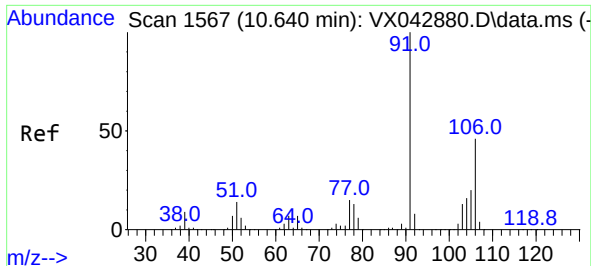
Tgt Ion: 91 Resp: 474820  
Ion Ratio Lower Upper  
91 100  
106 31.9 24.9 37.3



#68  
m/p-Xylenes  
Concen: 91.494 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 106 Resp: 359804  
Ion Ratio Lower Upper  
106 100  
91 206.5 165.5 248.3

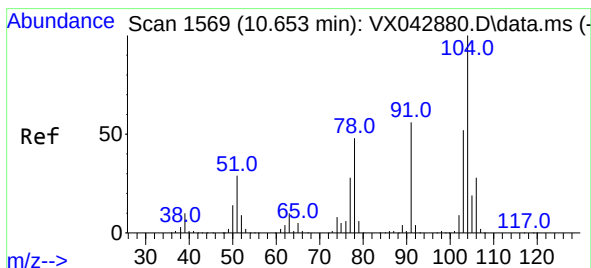
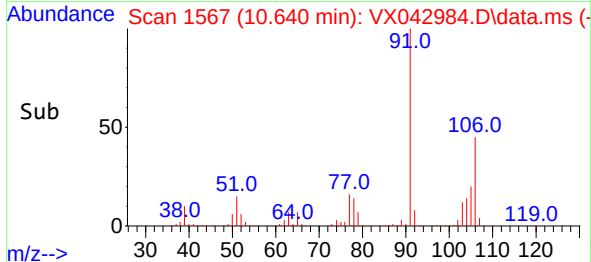
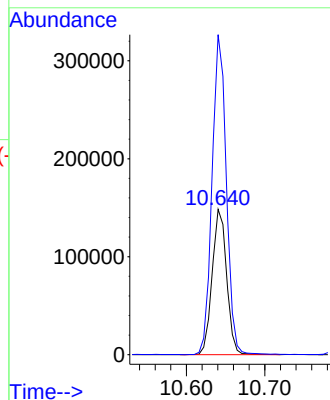
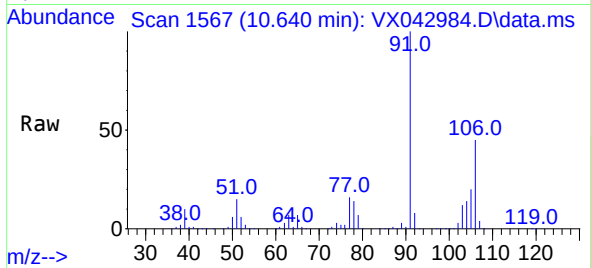




#69  
o-Xylene  
Concen: 48.234 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

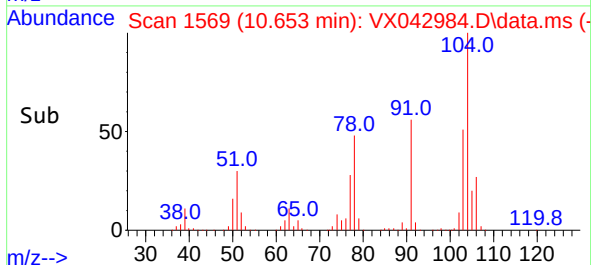
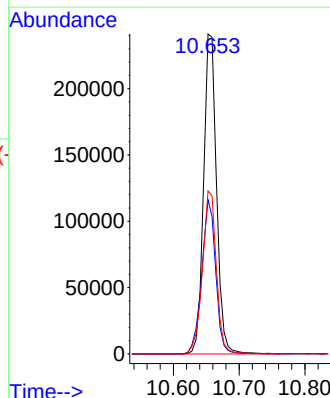
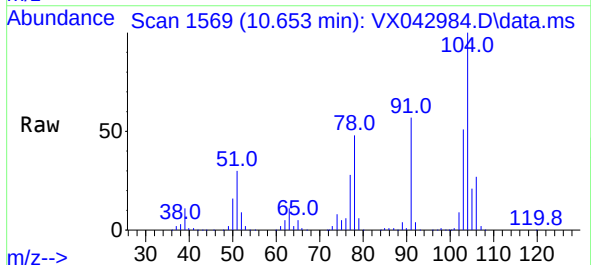
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

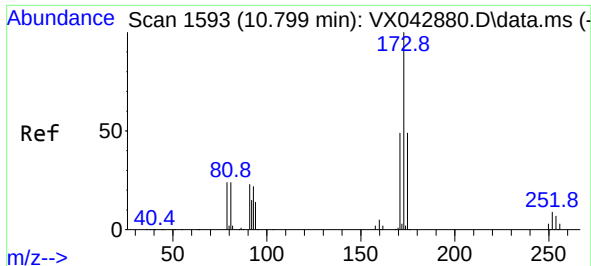
Tgt Ion:106 Resp: 190011  
Ion Ratio Lower Upper  
106 100  
91 217.5 108.9 326.8



#70  
Styrene  
Concen: 52.232 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion:104 Resp: 330879  
Ion Ratio Lower Upper  
104 100  
78 52.0 43.6 65.4  
103 54.9 43.6 65.4

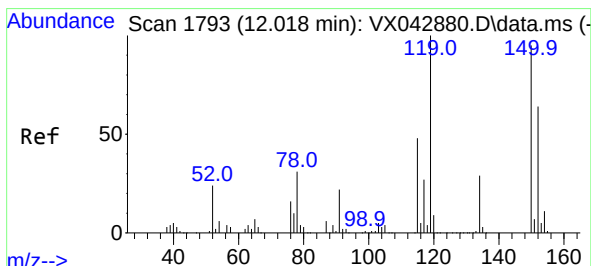
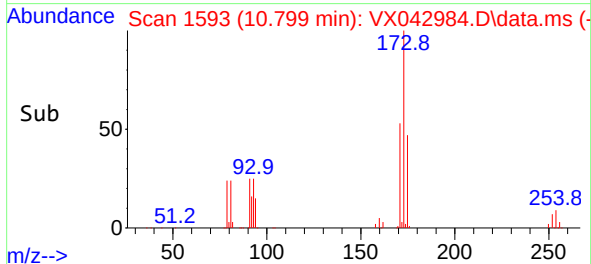
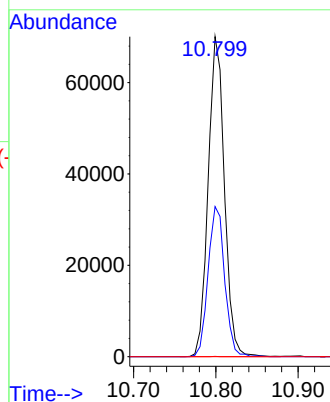
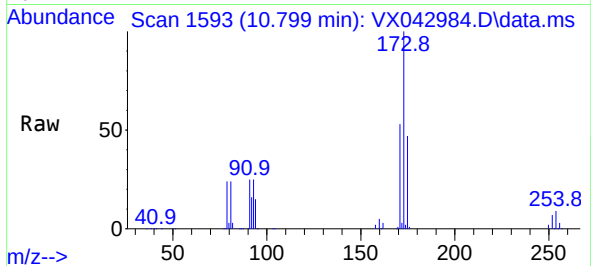




#71  
Bromoform  
Concen: 53.451 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

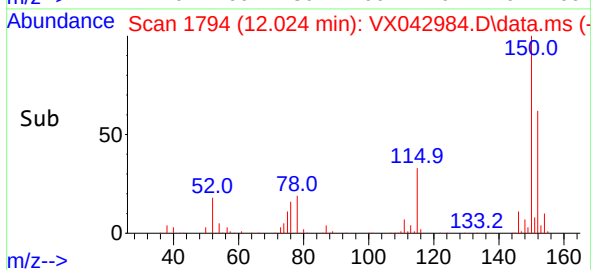
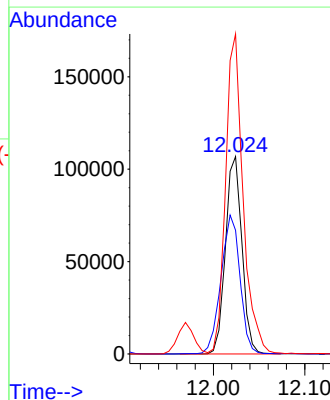
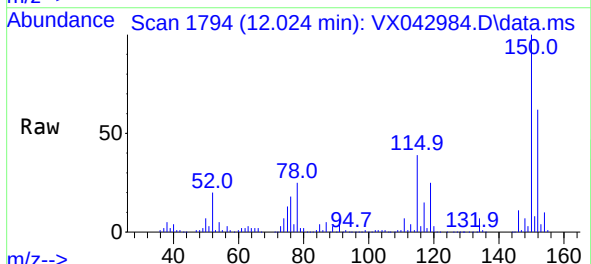
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion   | 173  | Resp | 96031 |
|-----------|------|------|-------|
| Ion Ratio | 100  |      |       |
| Lower     |      |      |       |
| Upper     |      |      |       |
| 175       | 47.8 | 24.1 | 72.4  |
| 254       | 0.0  | 0.0  | 0.0#  |

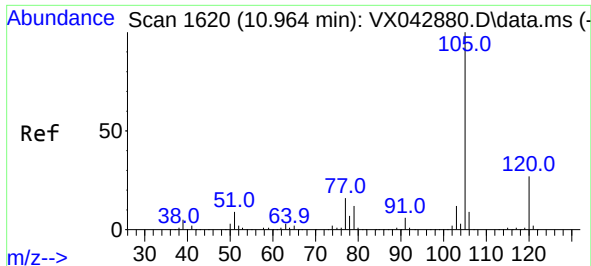


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

| Tgt Ion                                    | 152   | Resp | 133932 |
|--------------------------------------------|-------|------|--------|
| Ion Ratio <td>100</td> <td></td> <td></td> | 100   |      |        |
| Lower                                      |       |      |        |
| Upper                                      |       |      |        |
| 115                                        | 81.6  | 43.3 | 129.9  |
| 150                                        | 172.0 | 0.0  | 345.0  |



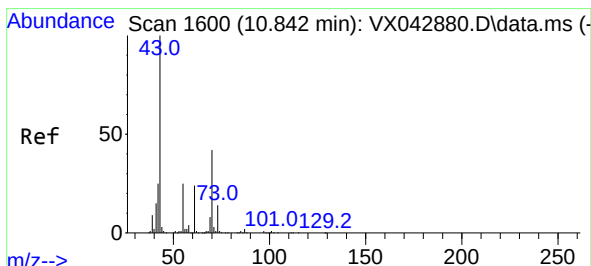
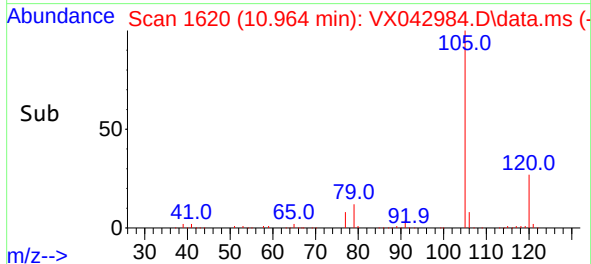
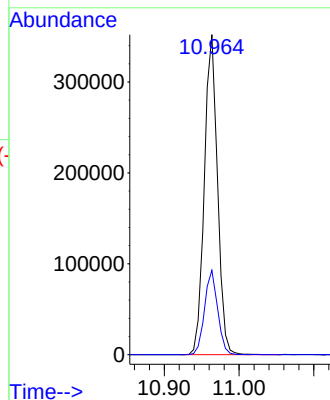
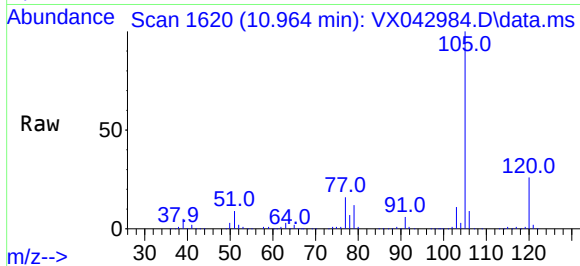




#73  
Isopropylbenzene  
Concen: 44.327 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

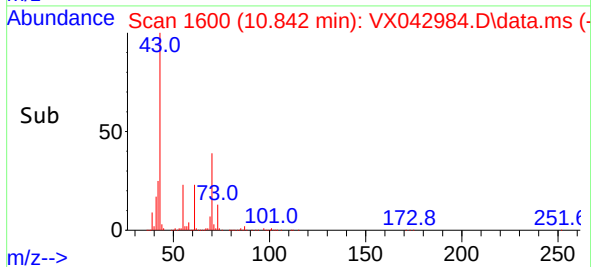
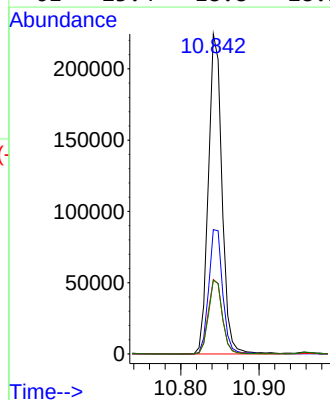
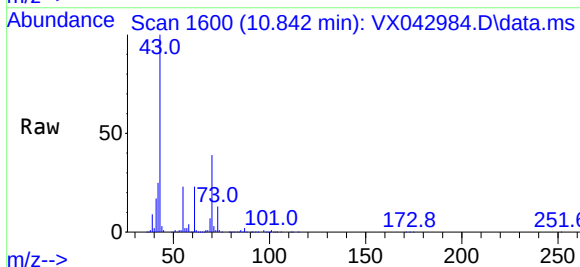
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

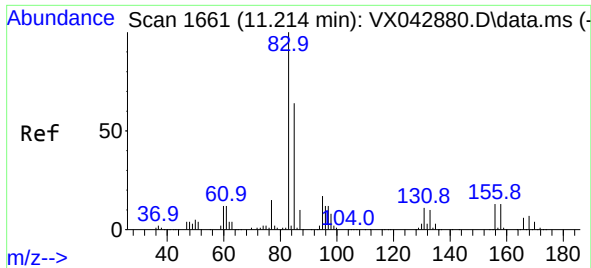
Tgt Ion:105 Resp: 429221  
Ion Ratio Lower Upper  
105 100  
120 26.3 12.9 38.6



#74  
N-ethyl acetate  
Concen: 62.060 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 43 Resp: 270394  
Ion Ratio Lower Upper  
43 100  
70 39.9 32.9 49.3  
55 24.0 19.3 28.9  
61 23.4 18.8 28.2

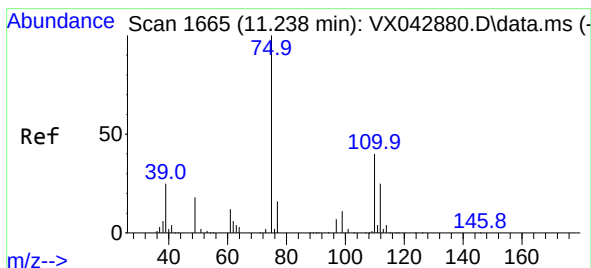
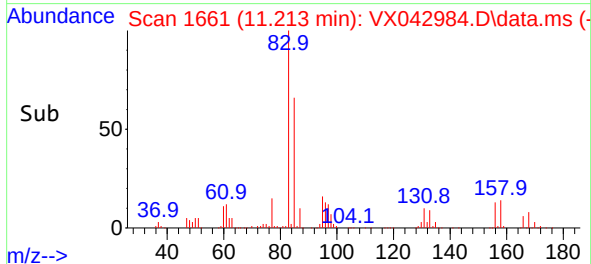
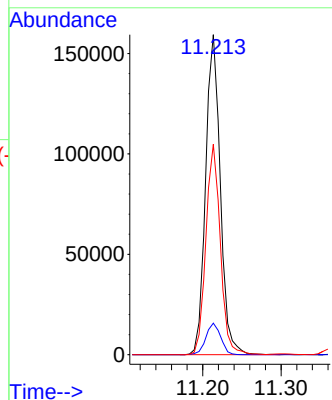
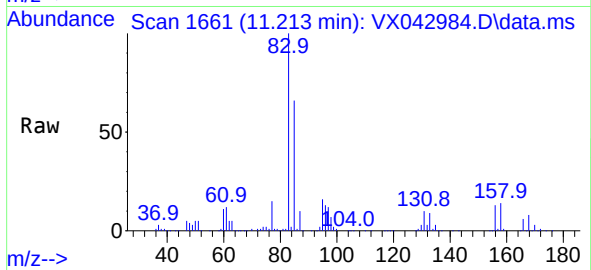




#75  
1,1,2,2-Tetrachloroethane  
Concen: 58.332 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

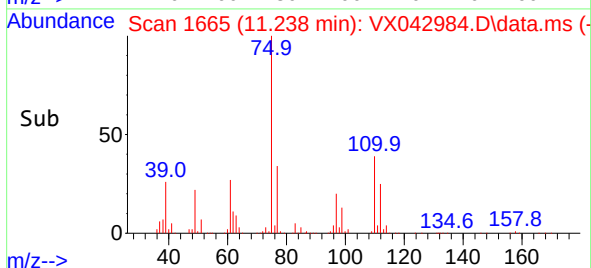
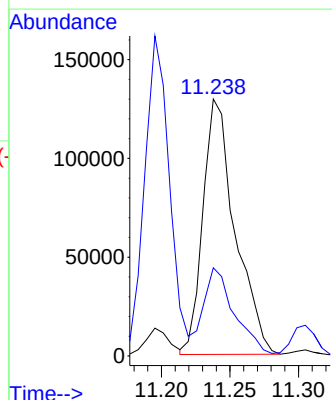
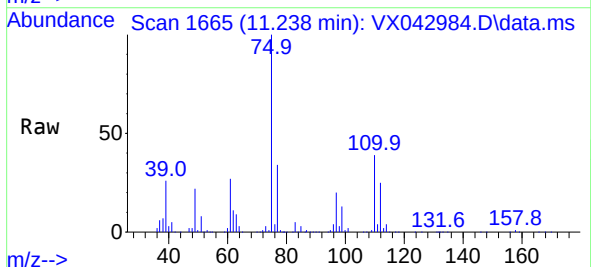
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

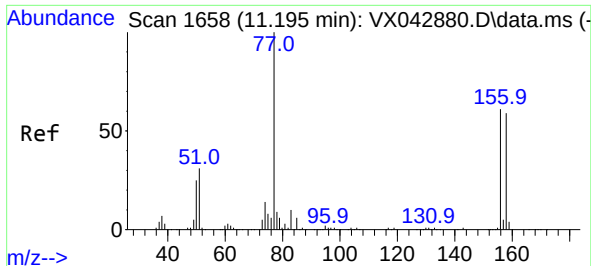
Tgt Ion: 83 Resp: 206921  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.3 15.8  
85 64.7 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 70.205 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 75 Resp: 211463  
Ion Ratio Lower Upper  
75 100  
77 33.6 19.1 57.5

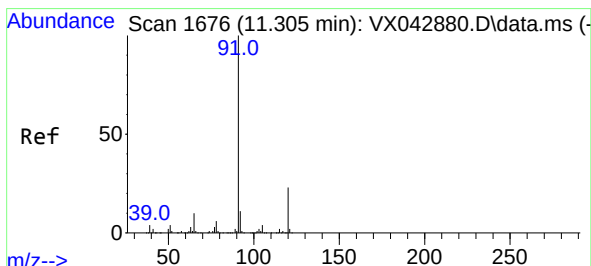
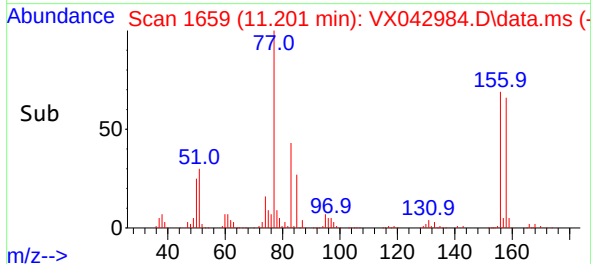
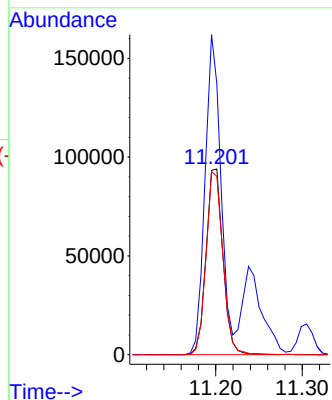
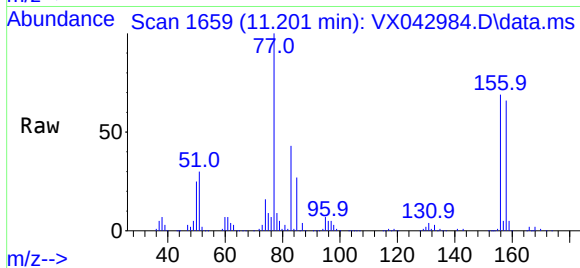




#77  
Bromobenzene  
Concen: 51.534 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

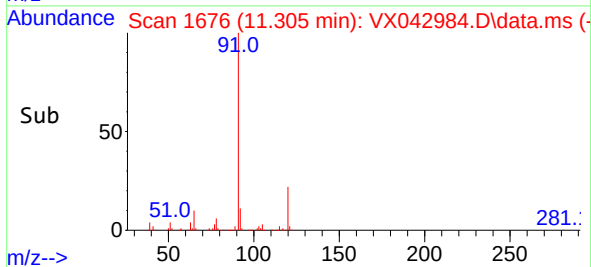
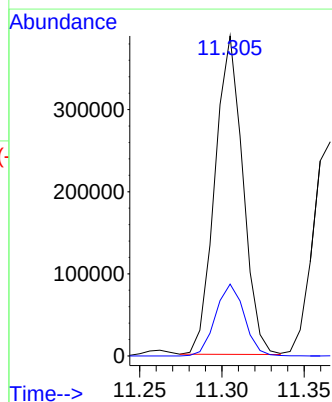
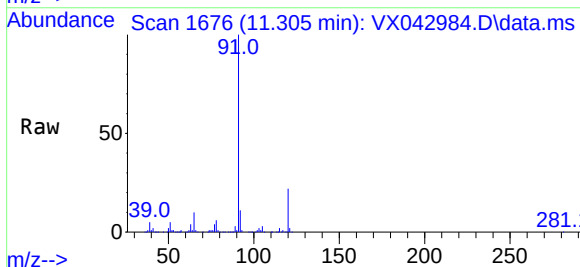
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

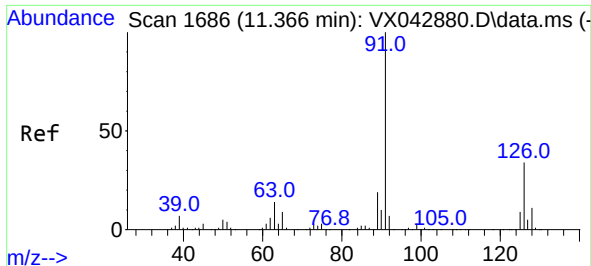
Tgt Ion:156 Resp: 126936  
Ion Ratio Lower Upper  
156 100  
77 161.5 88.4 265.3  
158 98.5 48.0 144.0



#78  
n-propylbenzene  
Concen: 42.619 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 91 Resp: 458409  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.5 34.4

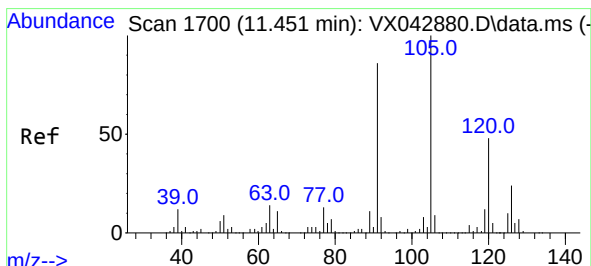
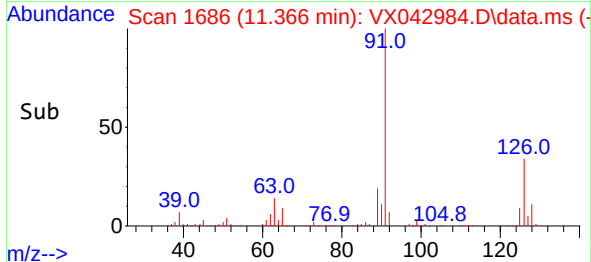
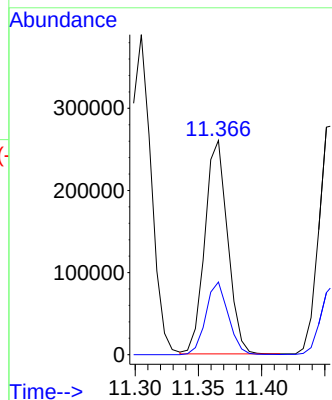
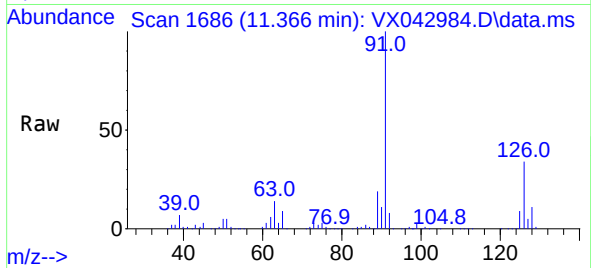




#79  
2-Chlorotoluene  
Concen: 47.285 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

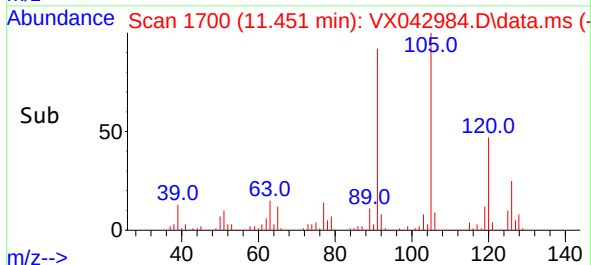
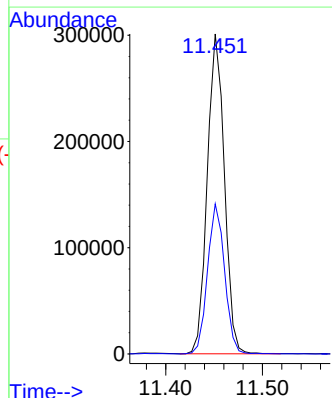
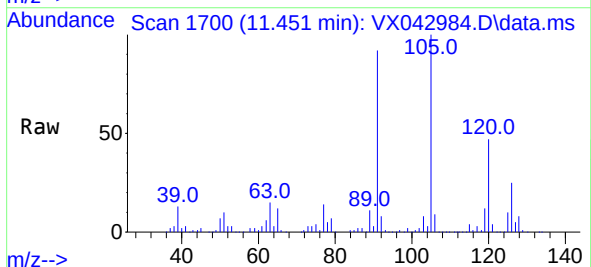
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

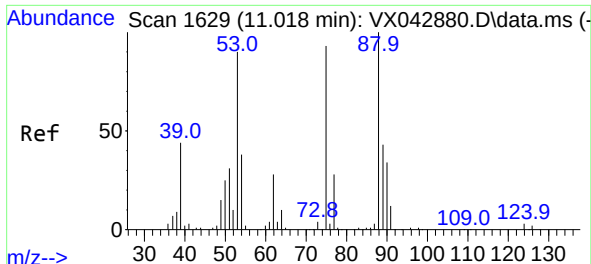
Tgt Ion: 91 Resp: 325982  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 46.261 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 105 Resp: 370915  
Ion Ratio Lower Upper  
105 100  
120 47.1 24.1 72.3

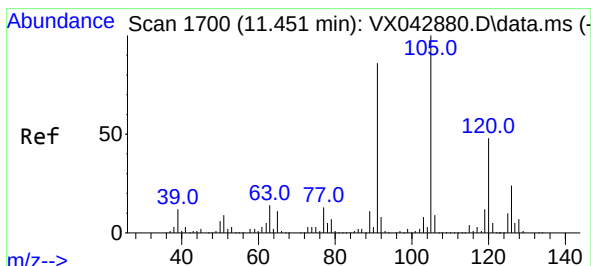
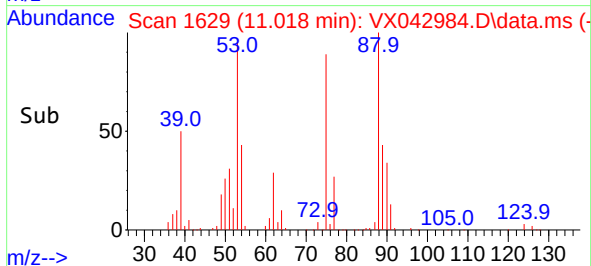
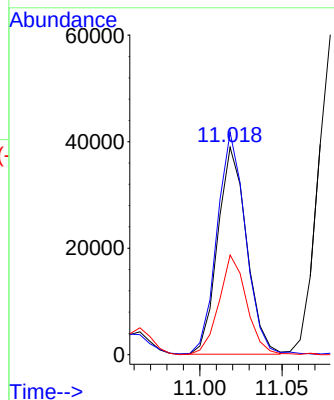
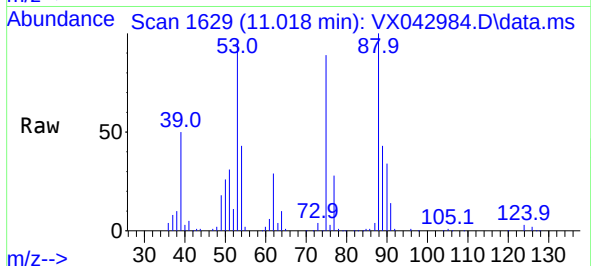




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.262 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

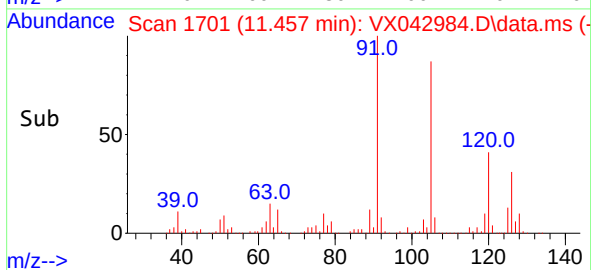
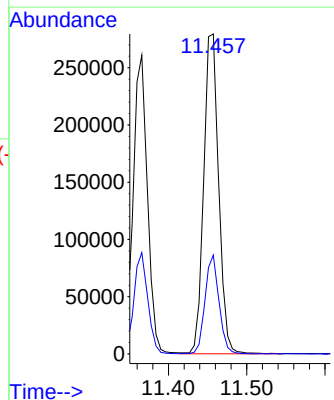
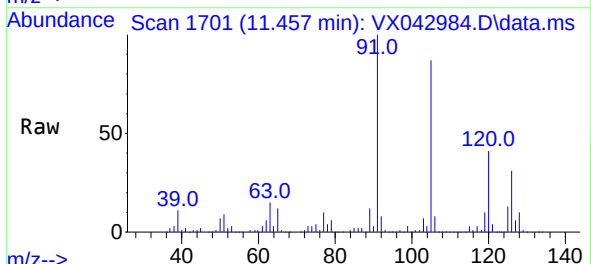
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

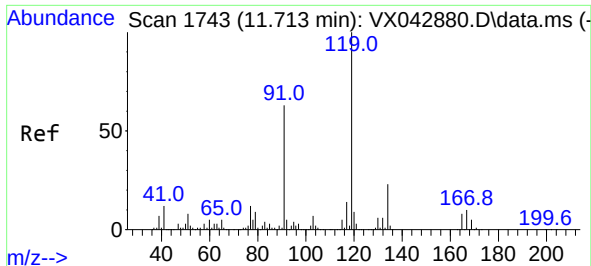
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 47487 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 106.1 | 90.5  | 135.7 |
| 89       | 46.5  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 47.709 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 369690 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 28.7  | 14.2  | 42.6   |

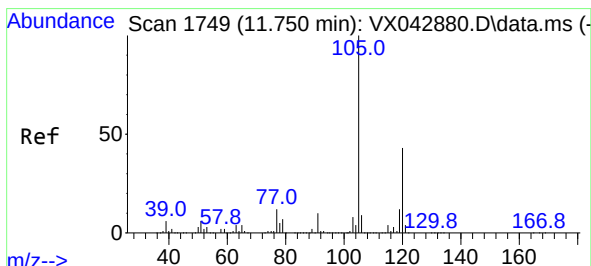
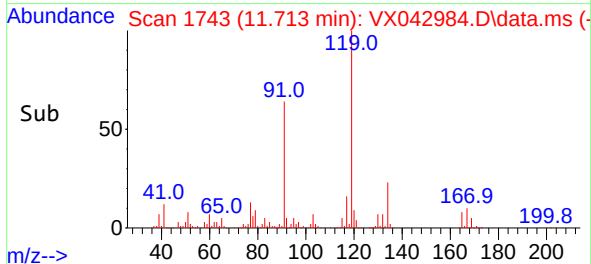
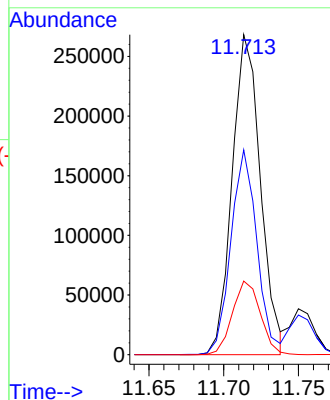
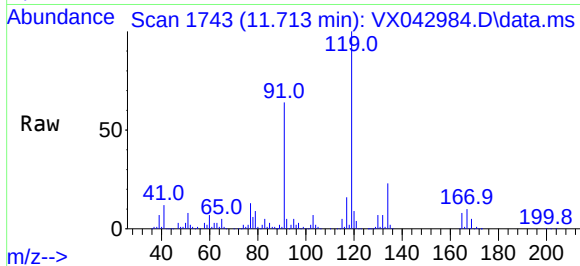




#83  
tert-Butylbenzene  
Concen: 42.849 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

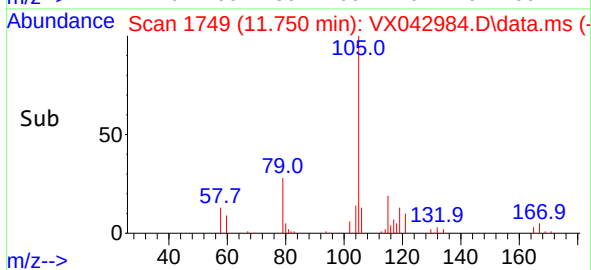
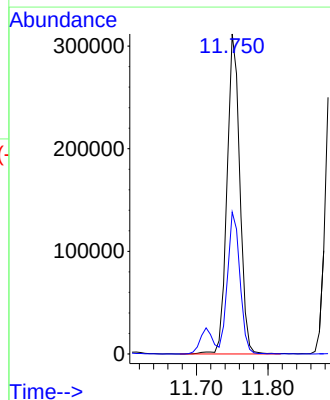
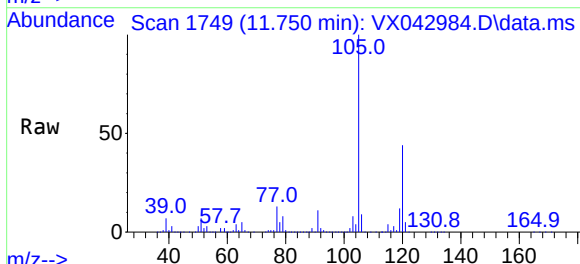
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

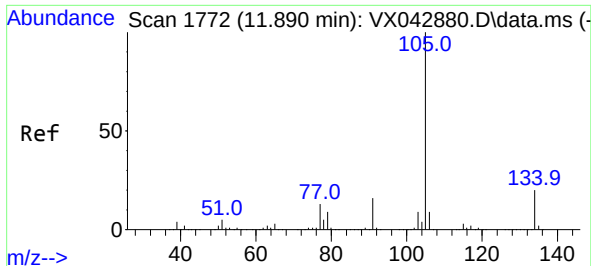
Tgt Ion:119 Resp: 353064  
Ion Ratio Lower Upper  
119 100  
91 59.0 31.2 93.6  
134 22.7 11.7 35.0



#84  
1,2,4-Trimethylbenzene  
Concen: 47.865 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion:105 Resp: 386356  
Ion Ratio Lower Upper  
105 100  
120 42.9 21.2 63.6

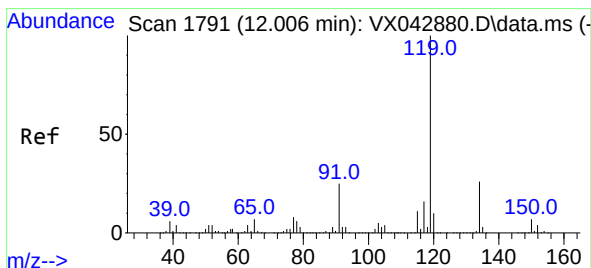
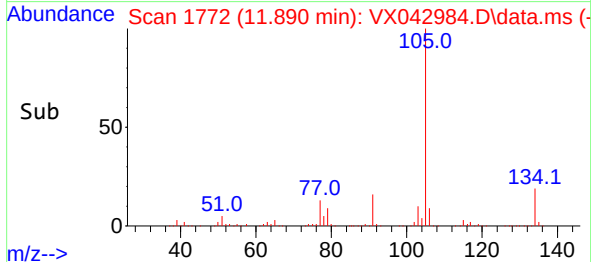
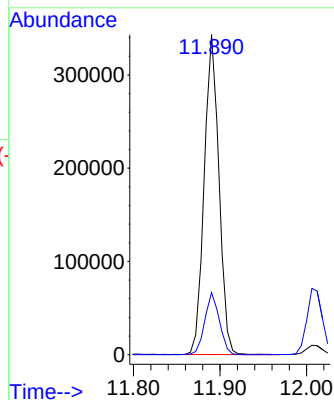
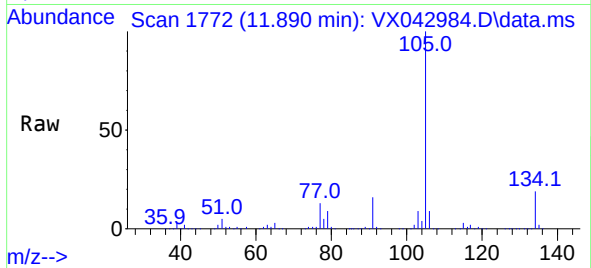




#85  
sec-Butylbenzene  
Concen: 41.794 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

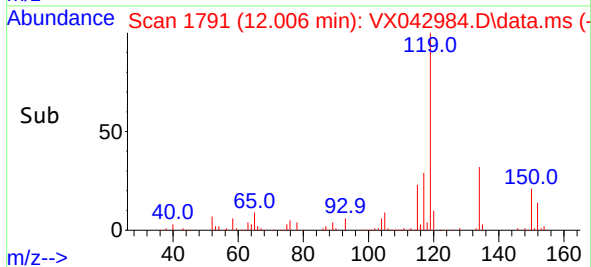
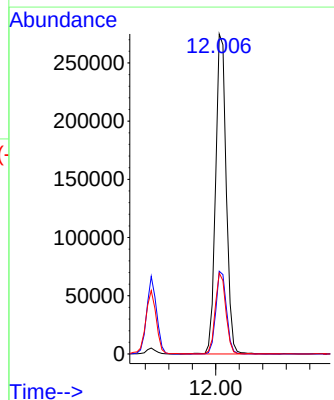
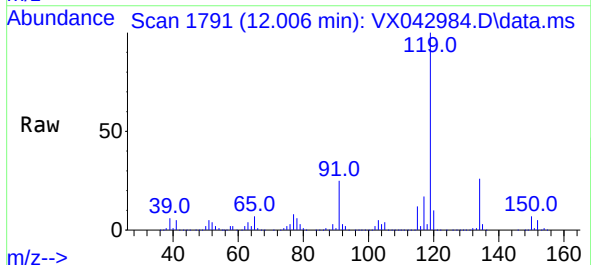
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

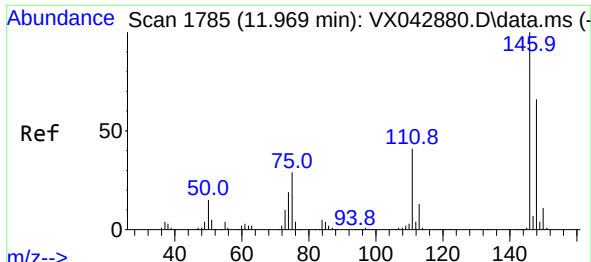
Tgt Ion:105 Resp: 405505  
Ion Ratio Lower Upper  
105 100  
134 19.2 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 42.682 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion:119 Resp: 344059  
Ion Ratio Lower Upper  
119 100  
134 25.8 12.8 38.3  
91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.479 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

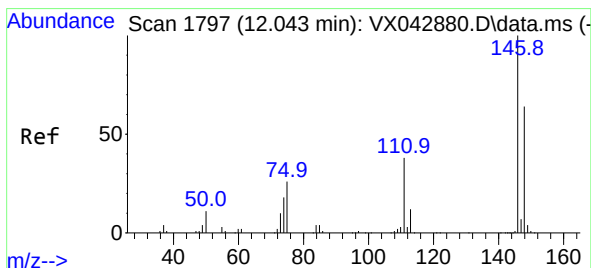
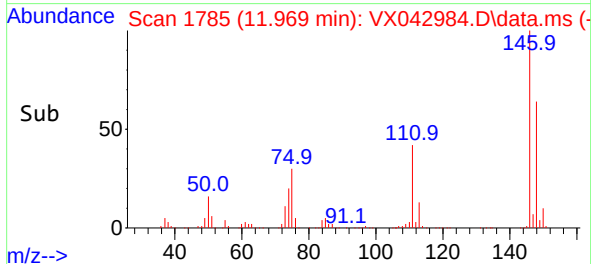
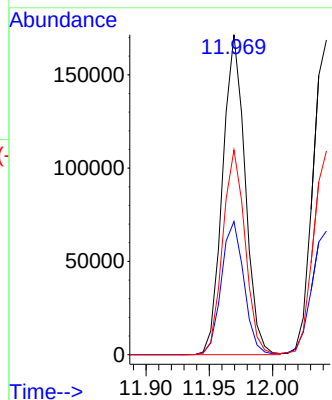
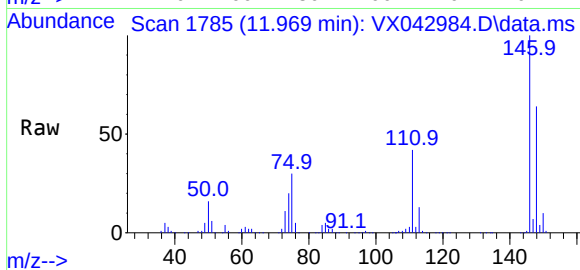
Tgt Ion:146 Resp: 211652

Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.1

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.095 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042984.D

Acq: 09 Aug 2024 09:52

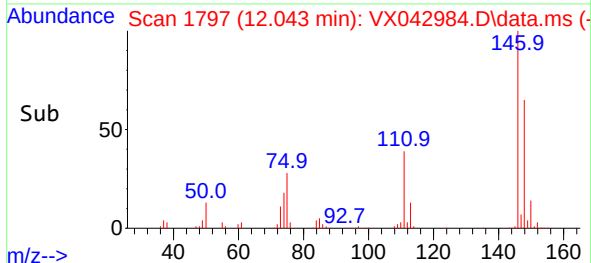
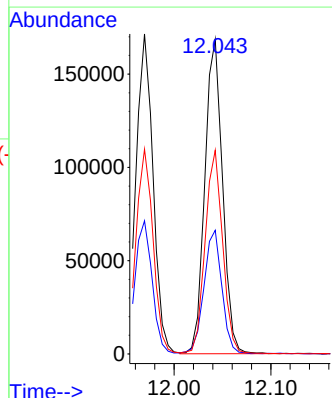
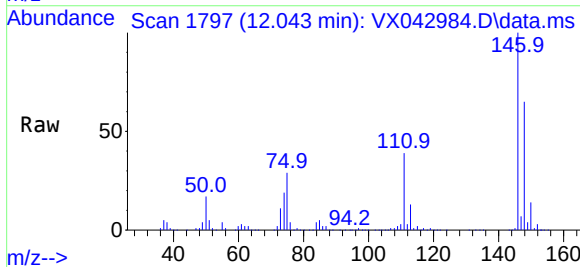
Tgt Ion:146 Resp: 215185

Ion Ratio Lower Upper

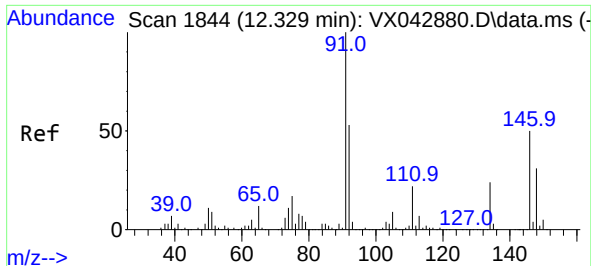
146 100

111 39.8 21.3 63.7

148 64.4 31.8 95.4



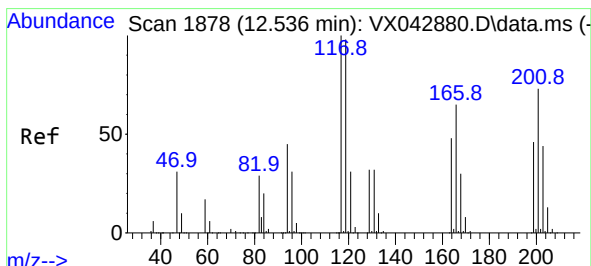
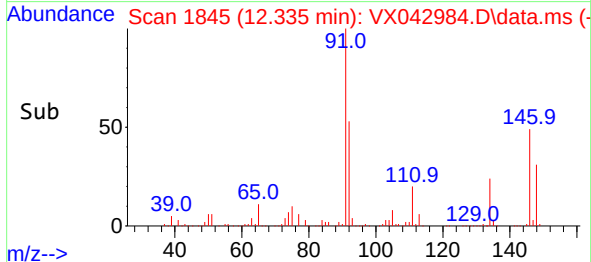
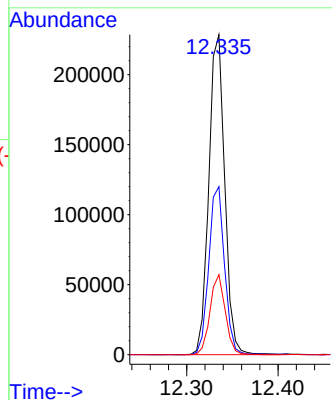
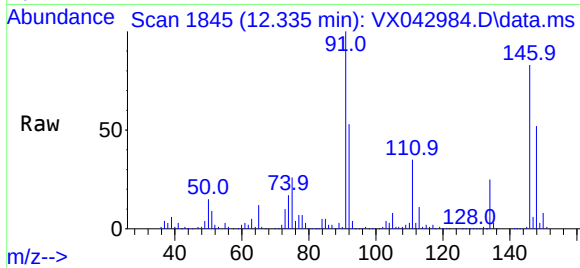




#89  
n-Butylbenzene  
Concen: 39.744 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

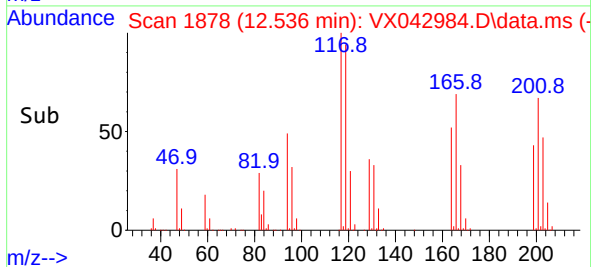
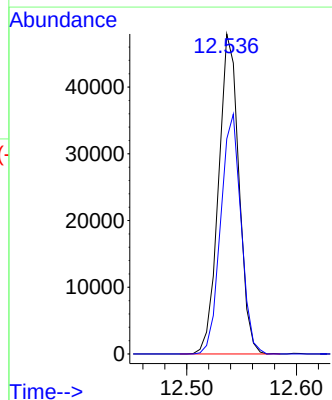
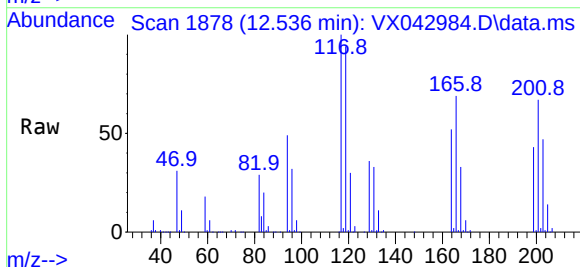
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

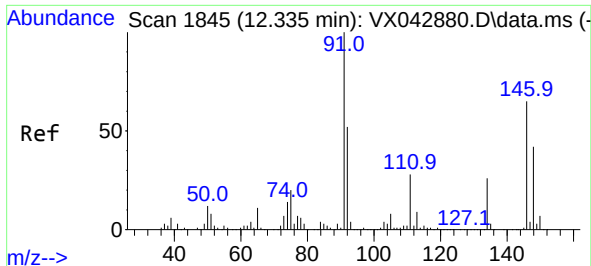
Tgt Ion: 91 Resp: 276387  
Ion Ratio Lower Upper  
91 100  
92 52.2 27.4 82.0  
134 24.0 12.6 37.8



#90  
Hexachloroethane  
Concen: 41.957 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 117 Resp: 61867  
Ion Ratio Lower Upper  
117 100  
201 74.9 32.9 98.6

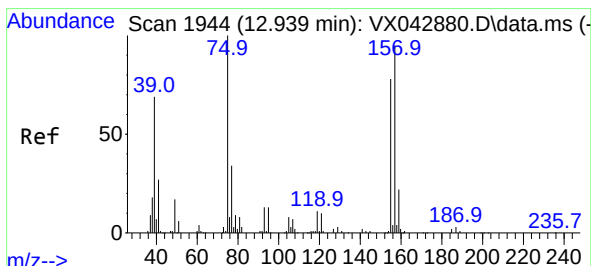
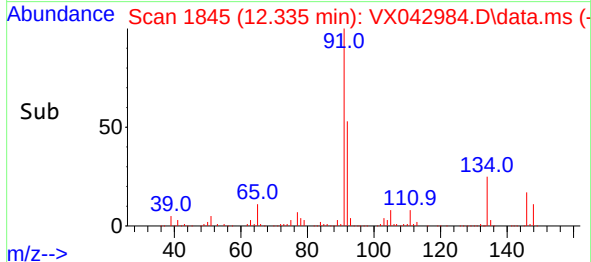
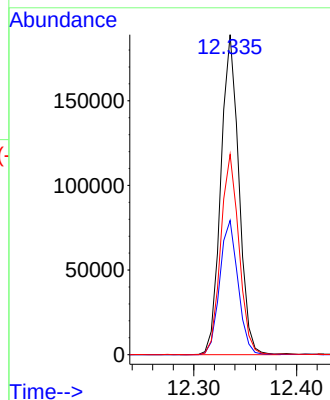
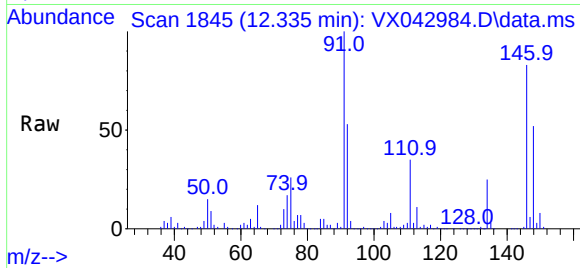




#91  
1,2-Dichlorobenzene  
Concen: 51.424 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

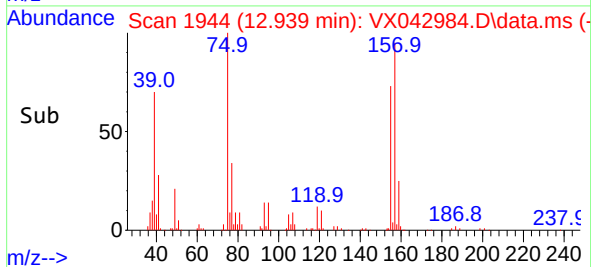
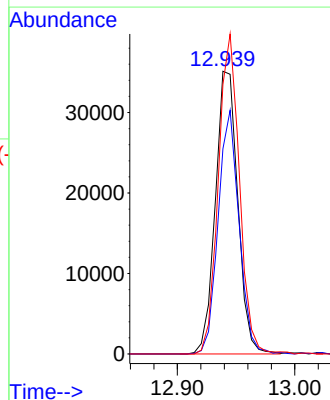
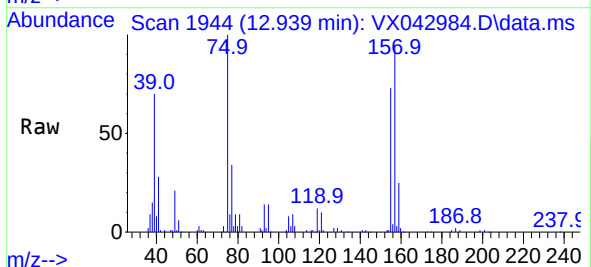
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

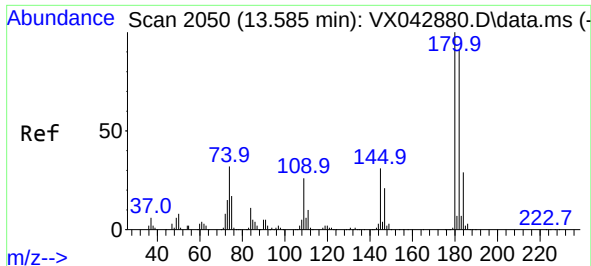
Tgt Ion:146 Resp: 229551  
Ion Ratio Lower Upper  
146 100  
111 42.6 22.4 67.0  
148 63.6 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 59.802 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion: 75 Resp: 46612  
Ion Ratio Lower Upper  
75 100  
155 80.5 36.1 108.5  
157 106.5 44.9 134.7

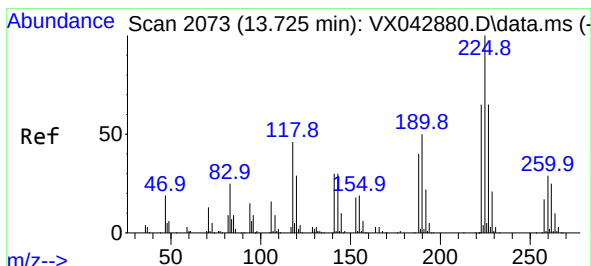
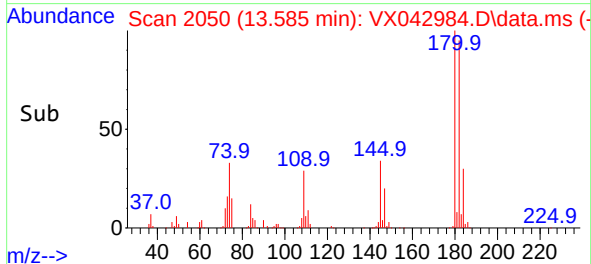
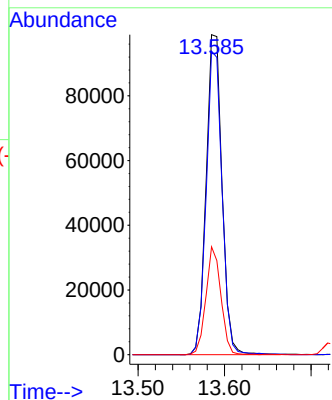
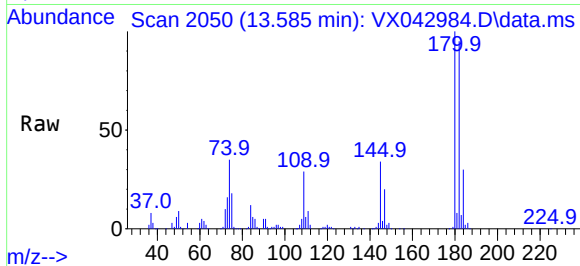




#93  
1,2,4-Trichlorobenzene  
Concen: 46.243 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

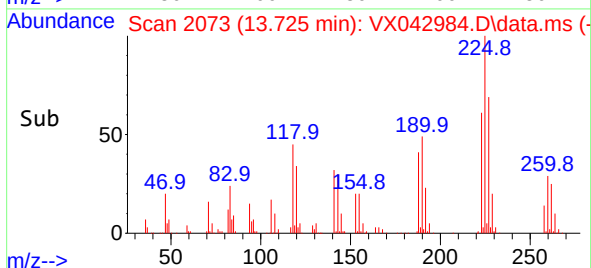
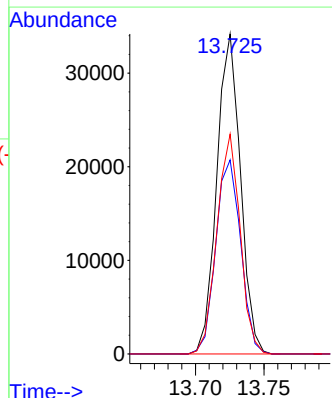
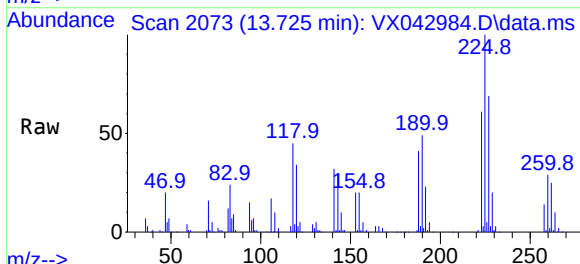
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

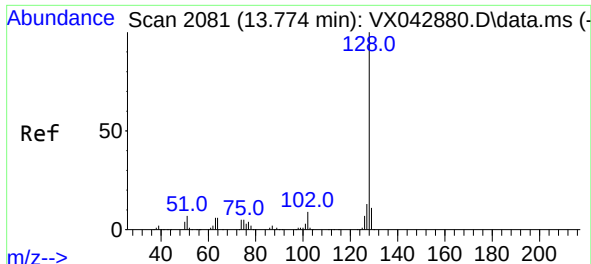
Tgt Ion:180 Resp: 125913  
Ion Ratio Lower Upper  
180 100  
182 94.8 48.3 144.8  
145 31.8 18.0 54.0



#94  
Hexachlorobutadiene  
Concen: 35.506 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion:225 Resp: 41002  
Ion Ratio Lower Upper  
225 100  
223 63.9 31.1 93.2  
227 67.5 32.5 97.5

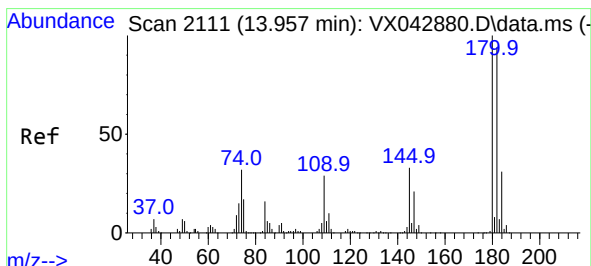
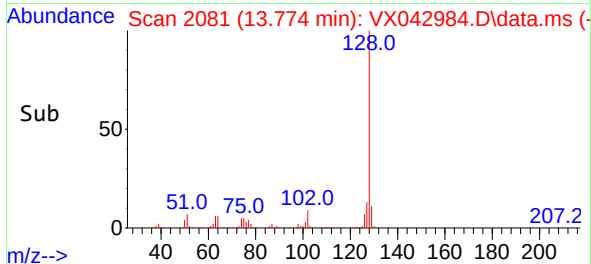
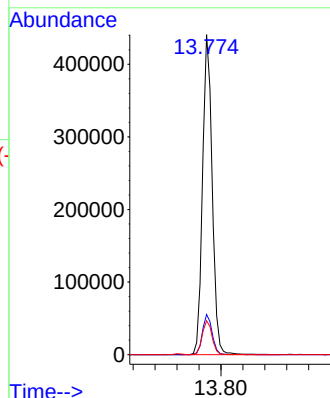
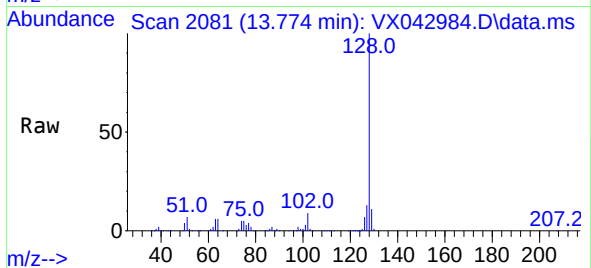




#95  
Naphthalene  
Concen: 57.177 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 538735  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.3 15.5  
129 10.8 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 51.287 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: VX042984.D  
Acq: 09 Aug 2024 09:52

Tgt Ion:180 Resp: 140571  
Ion Ratio Lower Upper  
180 100  
182 94.7 46.9 140.6  
145 33.4 17.8 53.5

