

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101824\  
 Data File : VX043444.D  
 Acq On : 18 Oct 2024 19:00  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 18 23:26:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units | Dev(Min)  |
|------------------------------|-----------|-------|----------|----------|-------|-----------|
| -----                        |           |       |          |          |       |           |
| Internal Standards           |           |       |          |          |       |           |
| 1) Pentafluorobenzene        | 5.556     | 168   | 41764    | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene      | 6.763     | 114   | 81792    | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 75177    | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4   | 12.018    | 152   | 35941    | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds  |           |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 43501    | 63.778   | ug/l  | 0.00      |
| Spiked Amount                | 50.000    | Range | 74 - 125 | Recovery | =     | 127.560%# |
| 35) Dibromofluoromethane     | 5.391     | 113   | 32931    | 58.381   | ug/l  | 0.00      |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =     | 116.760%  |
| 50) Toluene-d8               | 8.647     | 98    | 103376   | 52.884   | ug/l  | 0.00      |
| Spiked Amount                | 50.000    | Range | 86 - 113 | Recovery | =     | 105.760%  |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 40933    | 57.640   | ug/l  | 0.00      |
| Spiked Amount                | 50.000    | Range | 77 - 121 | Recovery | =     | 115.280%  |
| Target Compounds             |           |       |          |          |       | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.173     | 85    | 22638    | 46.600   | ug/l  | 97        |
| 3) Chloromethane             | 1.294     | 50    | 28620    | 57.203   | ug/l  | 98        |
| 4) Vinyl Chloride            | 1.380     | 62    | 26655    | 53.188   | ug/l  | 99        |
| 5) Bromomethane              | 1.599     | 94    | 12623    | 61.652   | ug/l  | 98        |
| 6) Chloroethane              | 1.679     | 64    | 16637    | 89.147   | ug/l  | 99        |
| 7) Trichlorofluoromethane    | 1.880     | 101   | 42207    | 56.368   | ug/l  | 99        |
| 8) Diethyl Ether             | 2.136     | 74    | 18419    | 63.211   | ug/l  | 92        |
| 9) 1,1,2-Trichlorotrifluo... | 2.331     | 101   | 23252    | 49.761   | ug/l  | 98        |
| 10) Methyl Iodide            | 2.453     | 142   | 37382    | 63.694   | ug/l  | 99        |
| 11) Tert butyl alcohol       | 2.983     | 59    | 43513    | 335.246  | ug/l  | 99        |
| 12) 1,1-Dichloroethene       | 2.319     | 96    | 23857    | 51.414   | ug/l  | 94        |
| 13) Acrolein                 | 2.239     | 56    | 32712    | 266.840  | ug/l  | 100       |
| 14) Allyl chloride           | 2.666     | 41    | 46753    | 61.329   | ug/l  | 97        |
| 15) Acrylonitrile            | 3.069     | 53    | 86210    | 325.281  | ug/l  | 99        |
| 16) Acetone                  | 2.386     | 43    | 83117    | 291.804  | ug/l  | 99        |
| 17) Carbon Disulfide         | 2.508     | 76    | 48132    | 42.646   | ug/l  | 97        |
| 18) Methyl Acetate           | 2.709     | 43    | 46678    | 65.325   | ug/l  | 99        |
| 19) Methyl tert-butyl Ether  | 3.117     | 73    | 106315   | 64.041   | ug/l  | 99        |
| 20) Methylene Chloride       | 2.794     | 84    | 32908    | 62.660   | ug/l  | 97        |
| 21) trans-1,2-Dichloroethene | 3.093     | 96    | 26349    | 57.056   | ug/l  | 97        |
| 22) Diisopropyl ether        | 3.764     | 45    | 103961   | 67.801   | ug/l  | 98        |
| 23) Vinyl Acetate            | 3.721     | 43    | 429401   | 242.754  | ug/l  | 98        |
| 24) 1,1-Dichloroethane       | 3.611     | 63    | 58023    | 64.955   | ug/l  | 98        |
| 25) 2-Butanone               | 4.562     | 43    | 125747   | 321.973  | ug/l  | 99        |
| 26) 2,2-Dichloropropane      | 4.477     | 77    | 42682    | 50.220   | ug/l  | 99        |
| 27) cis-1,2-Dichloroethene   | 4.489     | 96    | 36549    | 63.460   | ug/l  | 98        |
| 28) Bromochloromethane       | 4.897     | 49    | 22205    | 63.008   | ug/l  | 96        |
| 29) Tetrahydrofuran          | 5.007     | 42    | 79775    | 320.641  | ug/l  | 98        |
| 30) Chloroform               | 5.093     | 83    | 63183    | 64.409   | ug/l  | 100       |
| 31) Cyclohexane              | 5.471     | 56    | 36547    | 49.658   | ug/l  | 98        |
| 32) 1,1,1-Trichloroethane    | 5.385     | 97    | 49477    | 54.912   | ug/l  | 99        |
| 36) 1,1-Dichloropropene      | 5.690     | 75    | 34590    | 48.540   | ug/l  | 98        |
| 37) Ethyl Acetate            | 4.721     | 43    | 47041    | 54.971   | ug/l  | 99        |
| 38) Carbon Tetrachloride     | 5.678     | 117   | 38771    | 45.960   | ug/l  | 98        |
| 39) Methylcyclohexane        | 7.379     | 83    | 38616    | 43.086   | ug/l  | 99        |
| 40) Benzene                  | 6.038     | 78    | 119488   | 55.305   | ug/l  | 99        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101824\  
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 18 23:26:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 26632    | 59.786   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 51324    | 58.296   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 79204    | 56.036   | ug/l   | 100      |
| 44) Trichloroethene           | 7.129  | 130  | 28759    | 50.186   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 30996    | 58.460   | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 23725    | 55.841   | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 46659    | 55.859   | ug/l # | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 38610    | 55.672   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 15852    | 1175.849 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 247109   | 287.851  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 74585    | 55.082   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 45629    | 54.972   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 49842    | 55.987   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 30938    | 57.491   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 49493    | 56.255   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 53426    | 58.291   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 101735   | 256.536  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 184202   | 283.745  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 33622    | 53.856   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 32731    | 56.611   | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 25521    | 48.925   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 85930    | 53.167   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 30384    | 53.166   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 139973   | 50.105   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 105715   | 100.135  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 54777    | 52.215   | ug/l   | 98       |
| 70) Styrene                   | 10.653 | 104  | 93621    | 55.067   | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 20201    | 46.143   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 130801   | 46.810   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 63733    | 48.046   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 45639    | 50.136   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 39137m   | 49.093   | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 34179    | 50.262   | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 144620   | 47.145   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 99668    | 50.538   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 113355   | 49.177   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 12510    | 40.669   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 114536   | 50.982   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 108003   | 45.480   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 116030   | 50.029   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 128213   | 45.544   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 108424   | 46.163   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 61044    | 50.960   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 61178    | 49.537   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 88928    | 45.225   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 18166    | 41.241   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 61501    | 50.203   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 9712     | 43.698   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 35259    | 49.925   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 12578    | 44.926   | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 120541   | 46.429   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 35480    | 48.691   | ug/l   | 96       |

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Data File : VX043444.D  
Acq On : 18 Oct 2024 19:00  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

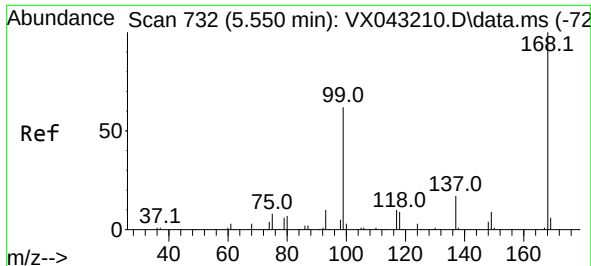
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 18 23:26:13 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration

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

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

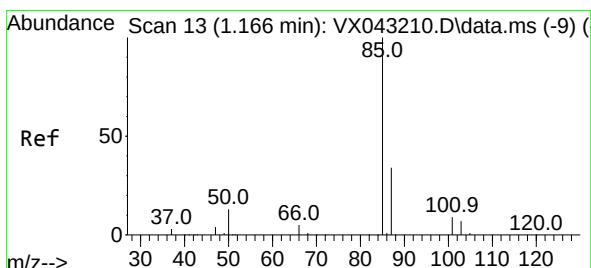
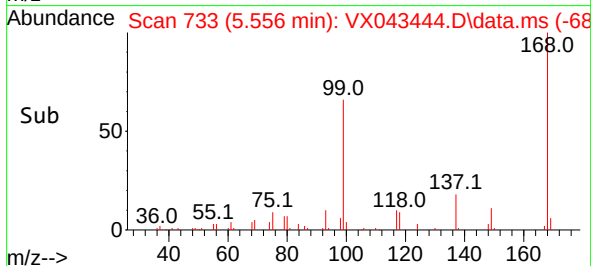
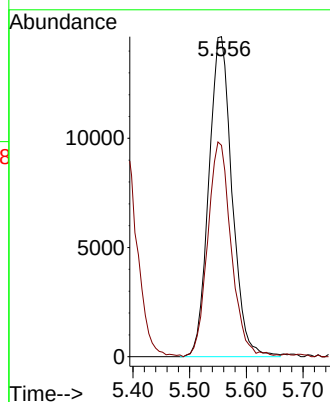
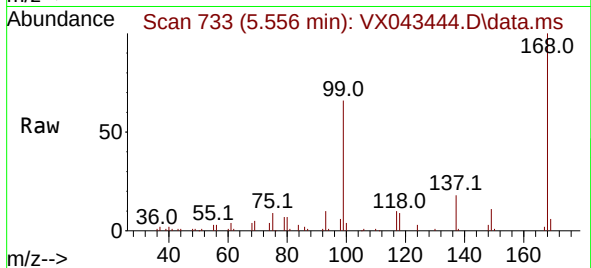




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

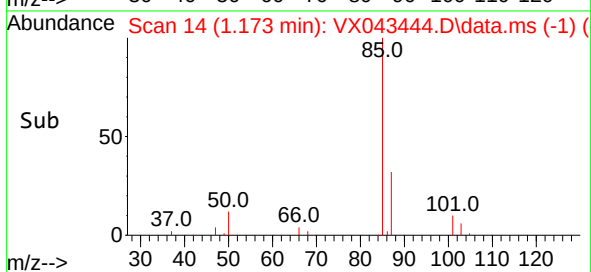
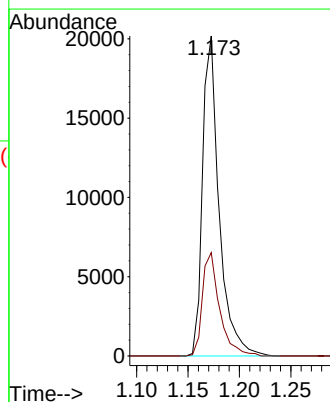
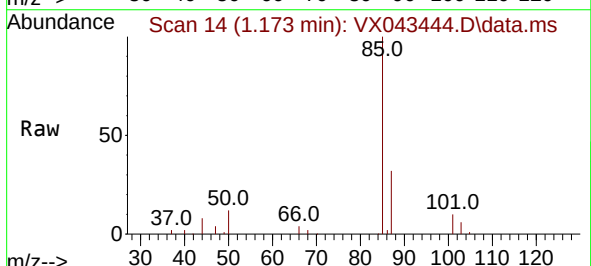
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

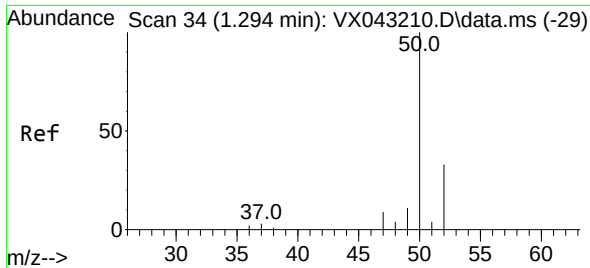
Tgt Ion:168 Resp: 41764  
Ion Ratio Lower Upper  
168 100  
99 65.6 49.7 74.5



#2  
Dichlorodifluoromethane  
Concen: 46.600 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 85 Resp: 22638  
Ion Ratio Lower Upper  
85 100  
87 32.3 17.1 51.2

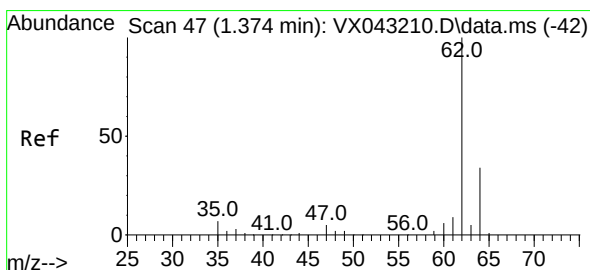
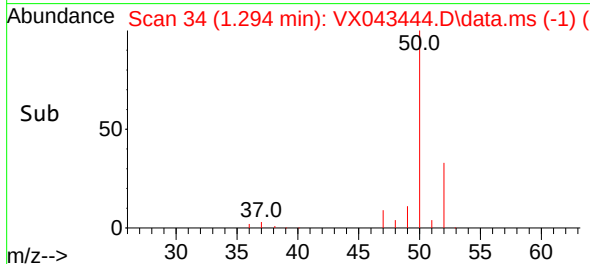
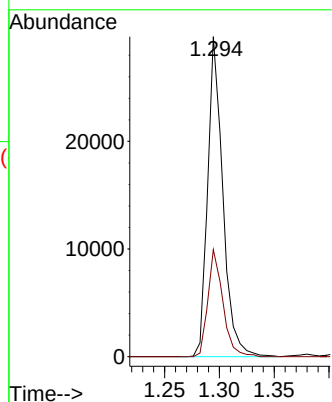
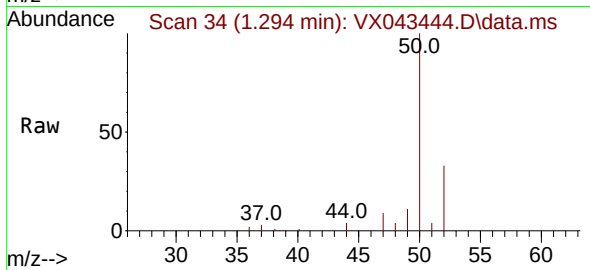




#3  
Chloromethane  
Concen: 57.203 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

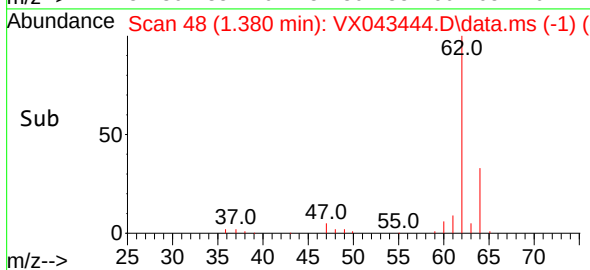
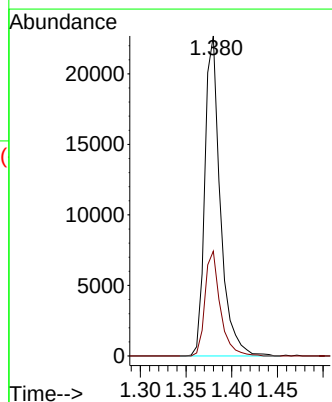
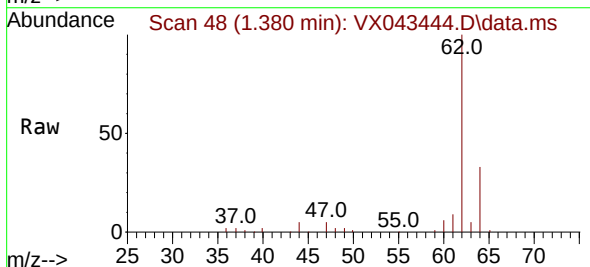
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

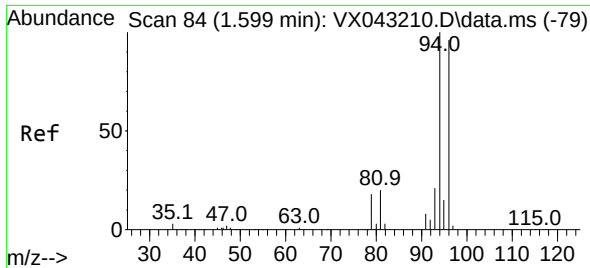
Tgt Ion: 50 Resp: 28620  
Ion Ratio Lower Upper  
50 100  
52 33.5 26.1 39.1



#4  
Vinyl Chloride  
Concen: 53.188 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 62 Resp: 26655  
Ion Ratio Lower Upper  
62 100  
64 32.8 26.8 40.2

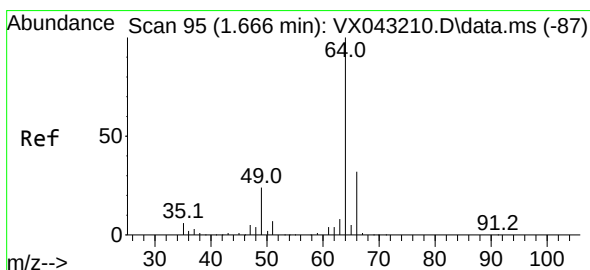
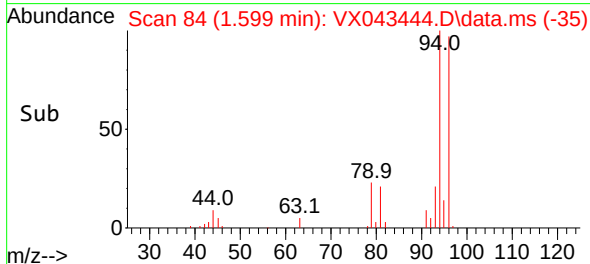
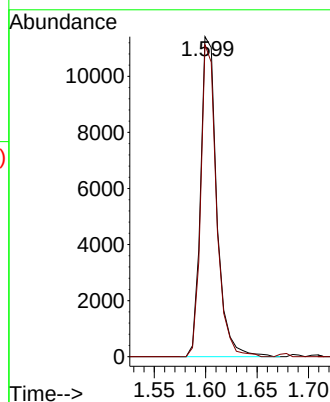
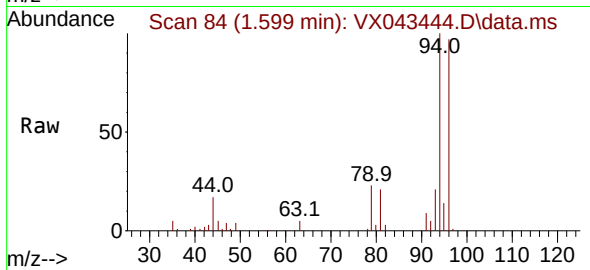




#5  
Bromomethane  
Concen: 61.652 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

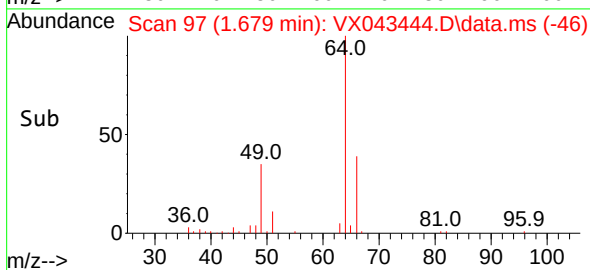
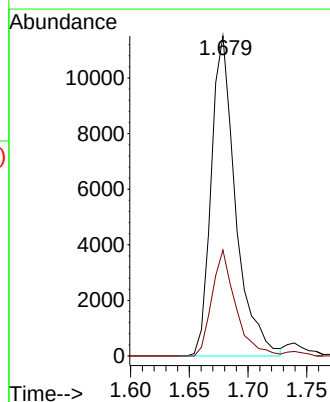
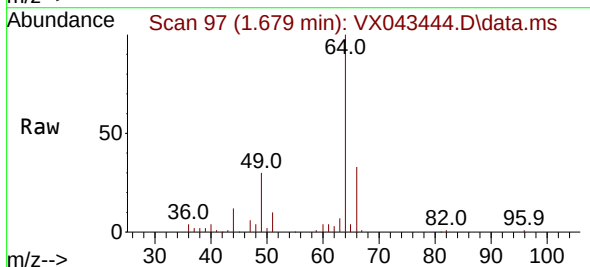
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

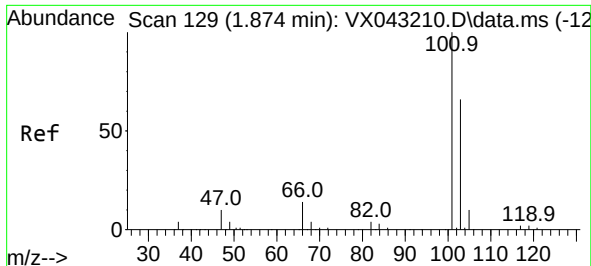
Tgt Ion: 94 Resp: 12623  
Ion Ratio Lower Upper  
94 100  
96 97.5 76.6 115.0



#6  
Chloroethane  
Concen: 89.147 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. 0.012 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 64 Resp: 16637  
Ion Ratio Lower Upper  
64 100  
66 33.1 25.8 38.8

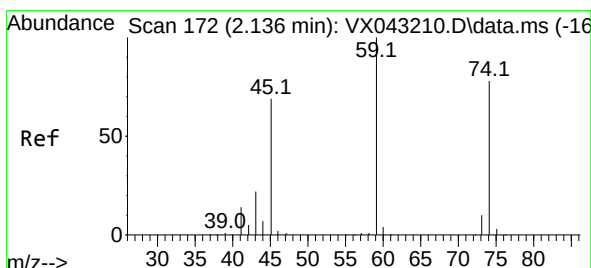
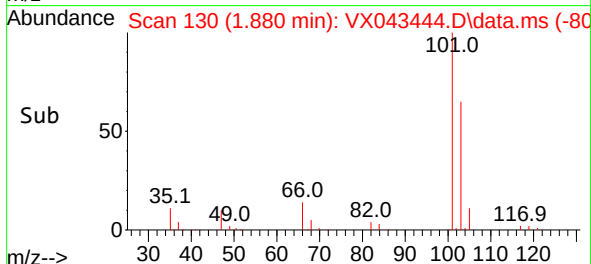
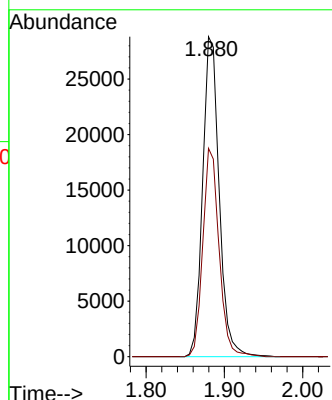
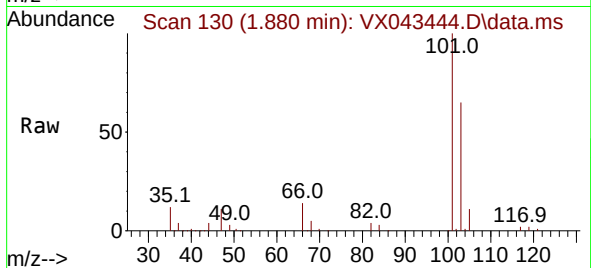




#7  
 Trichlorofluoromethane  
 Concen: 56.368 ug/l  
 RT: 1.880 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX043444.D  
 Acq: 18 Oct 2024 19:00

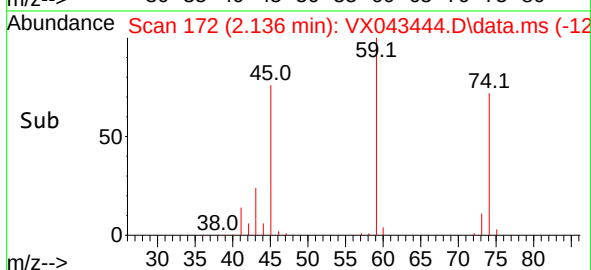
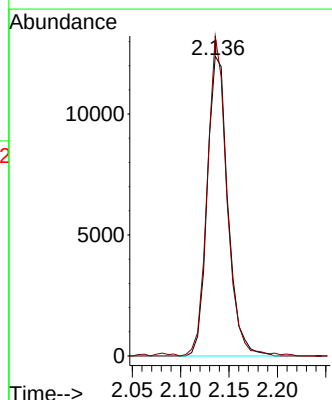
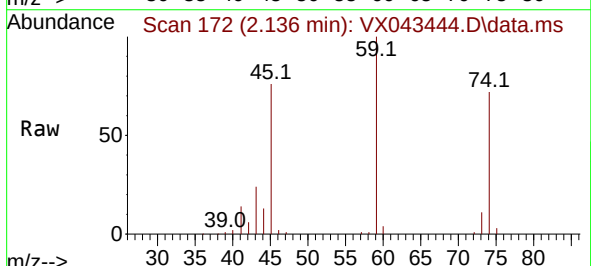
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 42207  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 52.7 79.1

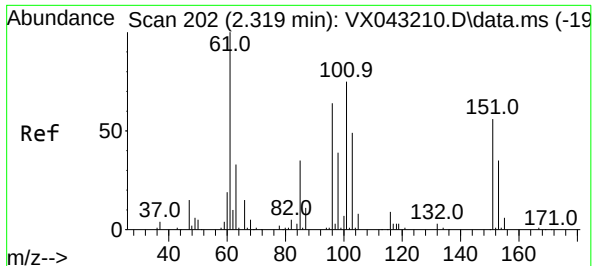


#8  
 Diethyl Ether  
 Concen: 63.211 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX043444.D  
 Acq: 18 Oct 2024 19:00

Tgt Ion: 74 Resp: 18419  
 Ion Ratio Lower Upper  
 74 100  
 45 101.8 47.1 141.4



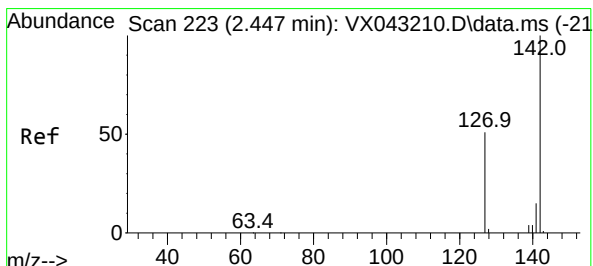
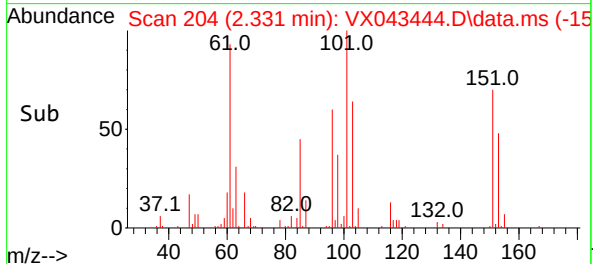
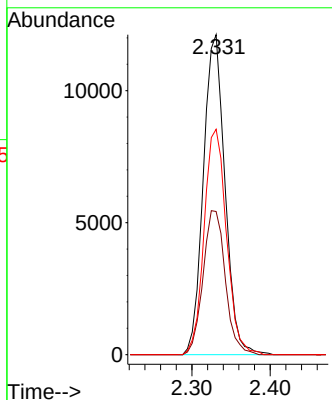
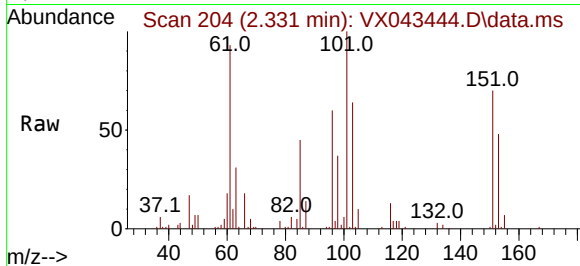




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.761 ug/l  
RT: 2.331 min Scan# 202  
Delta R.T. 0.012 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

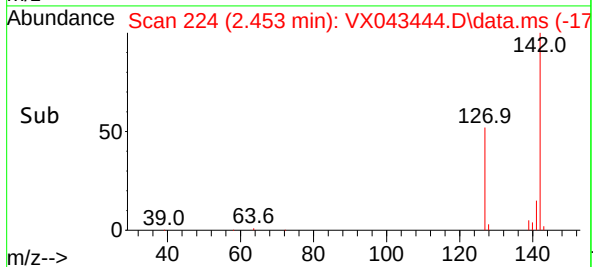
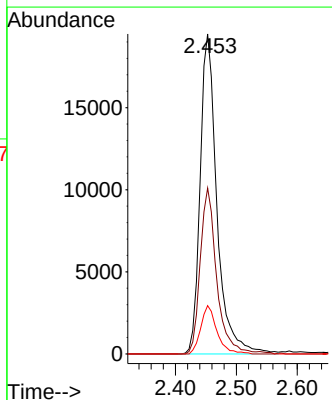
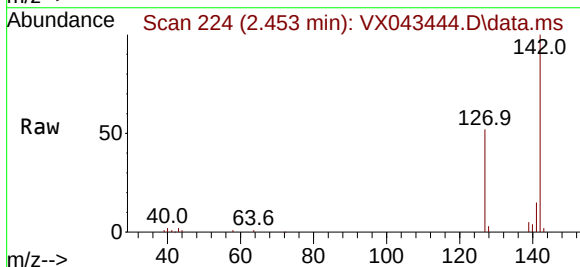
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

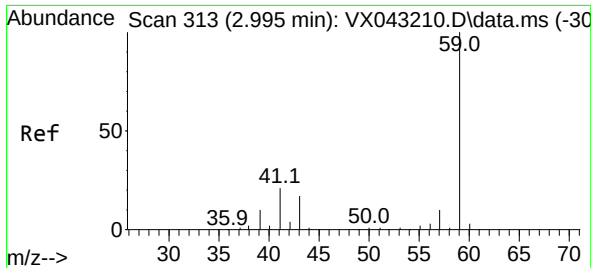
Tgt Ion:101 Resp: 23252  
Ion Ratio Lower Upper  
101 100  
85 46.4 37.0 55.6  
151 72.9 60.0 90.0



#10  
Methyl Iodide  
Concen: 63.694 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion:142 Resp: 37382  
Ion Ratio Lower Upper  
142 100  
127 50.8 39.8 59.8  
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 335.246 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

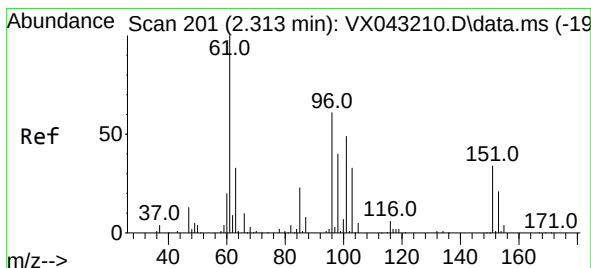
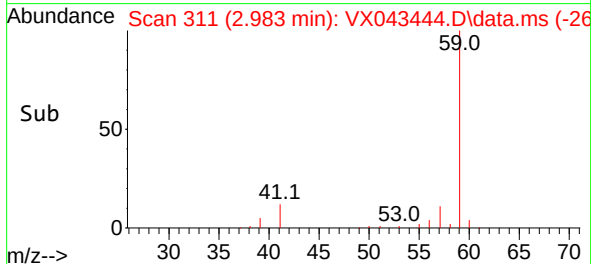
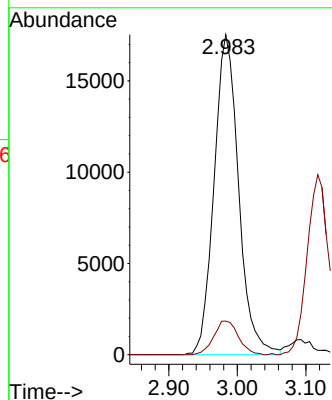
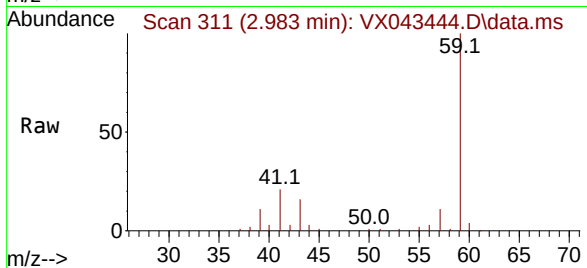
VSTDCCC050EC

Tgt Ion: 59 Resp: 43513

Ion Ratio Lower Upper

59 100

57 10.6 8.6 13.0



#12

1,1-Dichloroethene

Concen: 51.414 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

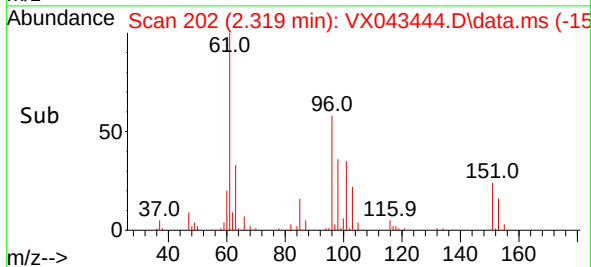
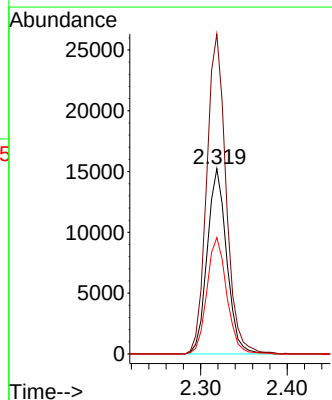
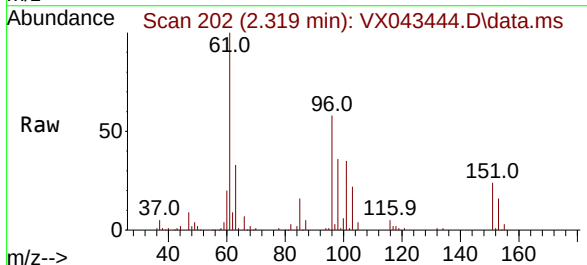
Tgt Ion: 96 Resp: 23857

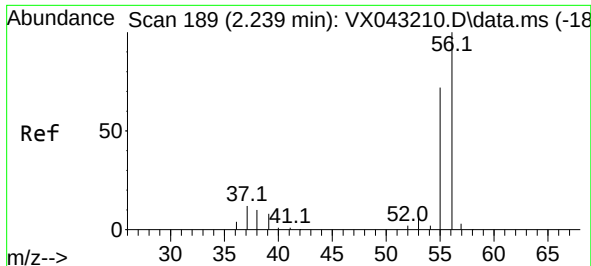
Ion Ratio Lower Upper

96 100

61 172.8 130.6 195.8

98 62.8 51.7 77.5

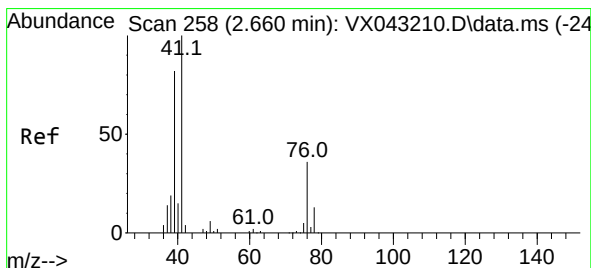
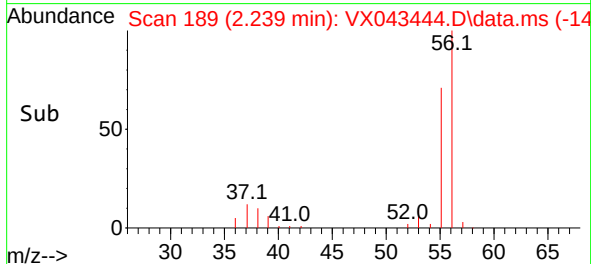
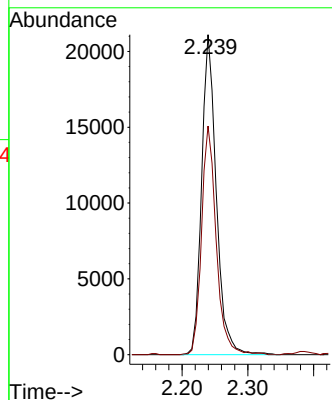
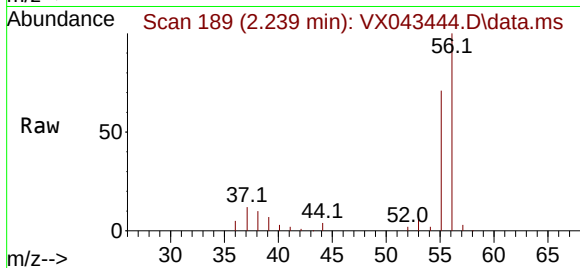




#13  
Acrolein  
Concen: 266.840 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

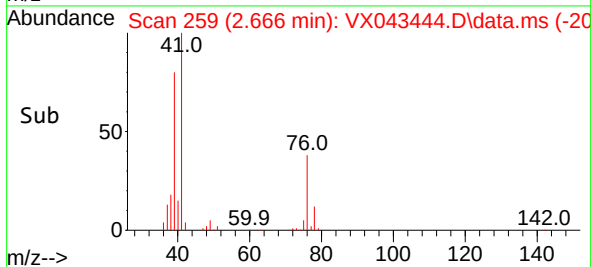
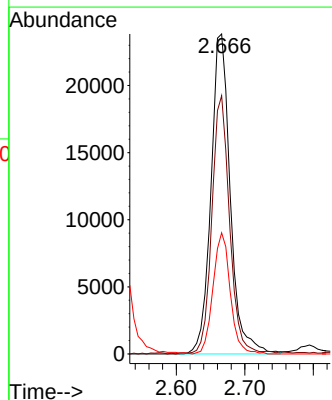
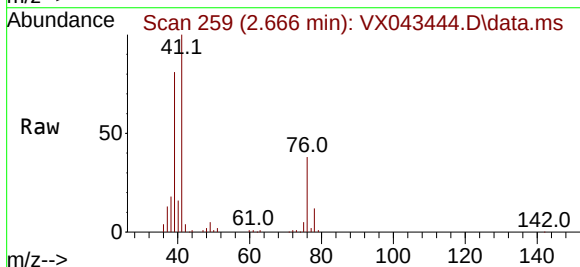
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

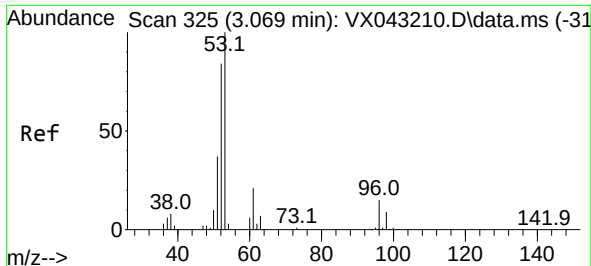
Tgt Ion: 56 Resp: 32712  
Ion Ratio Lower Upper  
56 100  
55 71.7 57.4 86.0



#14  
Allyl chloride  
Concen: 61.329 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 41 Resp: 46753  
Ion Ratio Lower Upper  
41 100  
39 74.2 61.7 92.5  
76 33.7 28.6 43.0

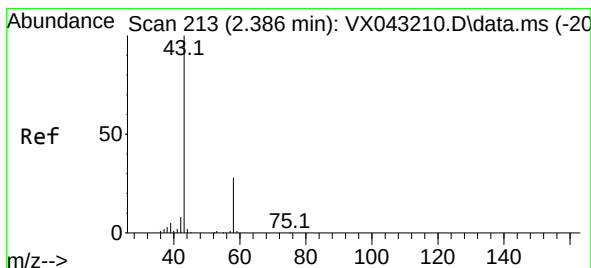
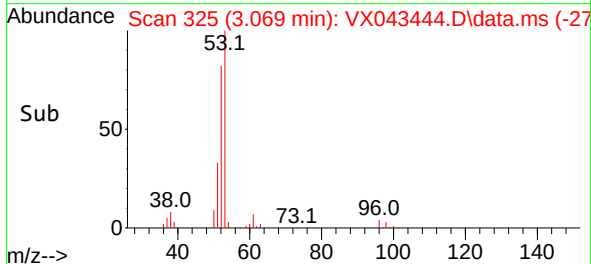
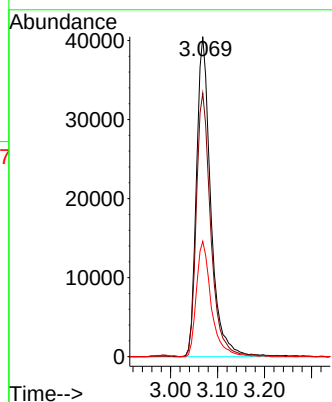
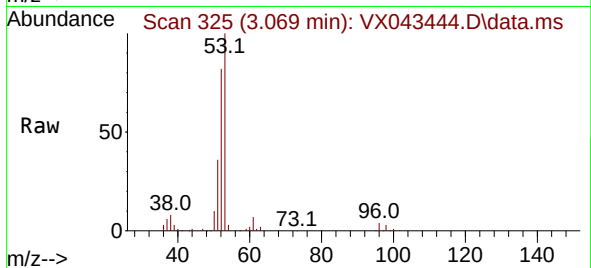




#15  
Acrylonitrile  
Concen: 325.281 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

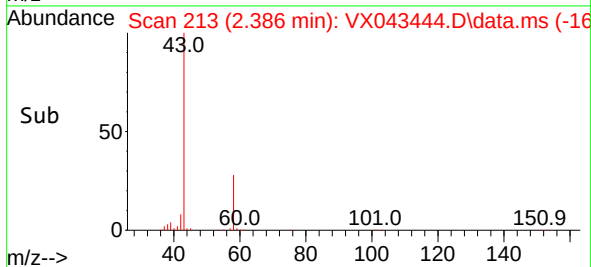
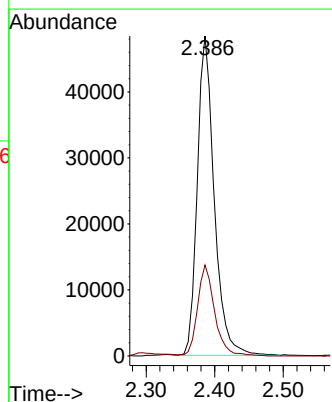
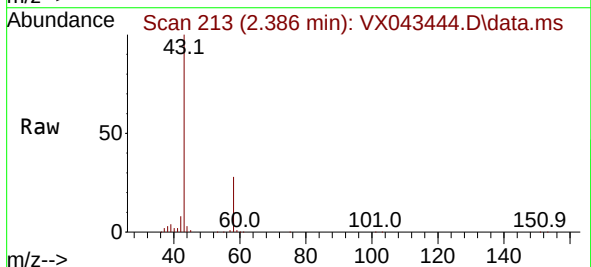
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

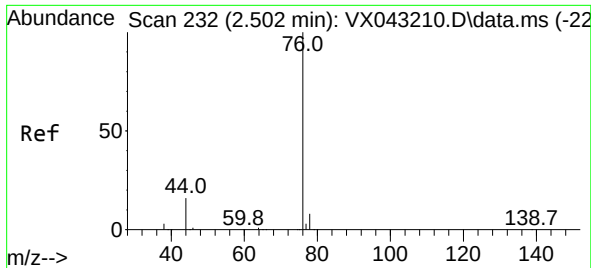
Tgt Ion: 53 Resp: 86210  
Ion Ratio Lower Upper  
53 100  
52 83.2 67.6 101.4  
51 37.3 30.3 45.5



#16  
Acetone  
Concen: 291.804 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 43 Resp: 83117  
Ion Ratio Lower Upper  
43 100  
58 28.5 22.6 33.8





#17

Carbon Disulfide

Concen: 42.646 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

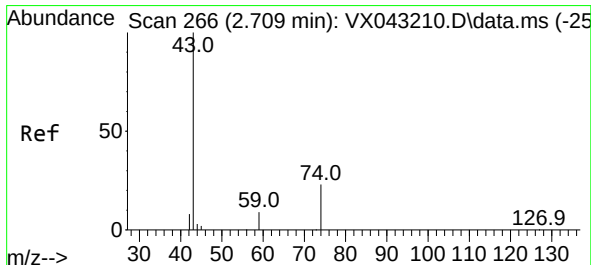
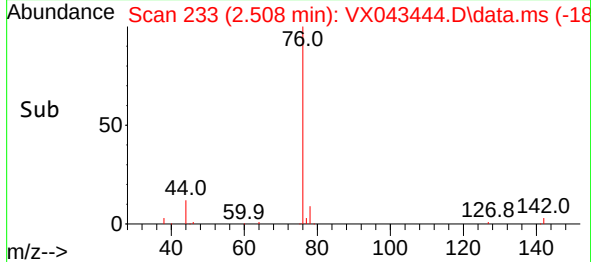
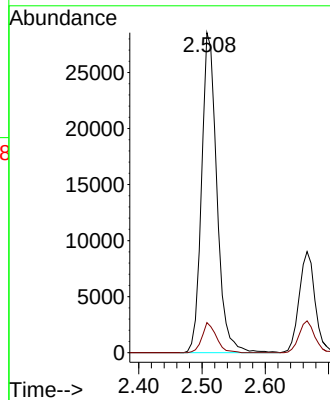
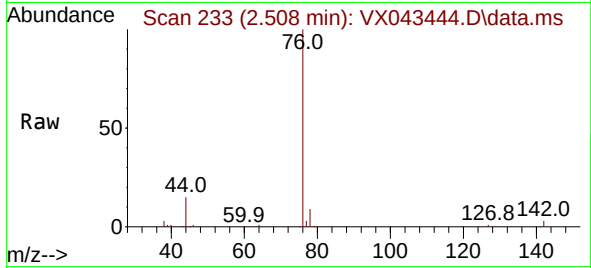
VSTDCCC050EC

Tgt Ion: 76 Resp: 48132

Ion Ratio Lower Upper

76 100

78 9.4 6.7 10.1



#18

Methyl Acetate

Concen: 65.325 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX043444.D

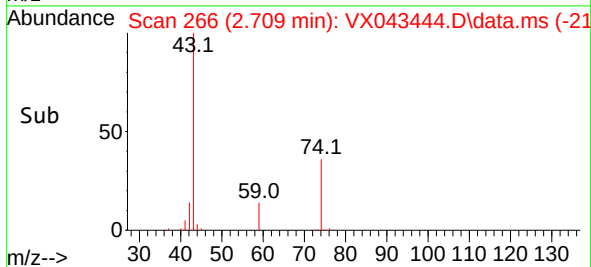
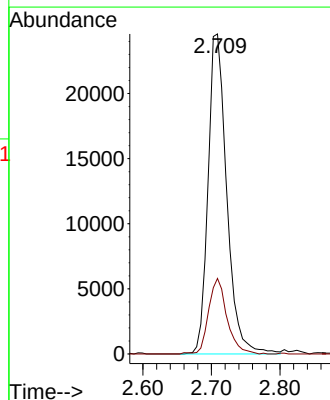
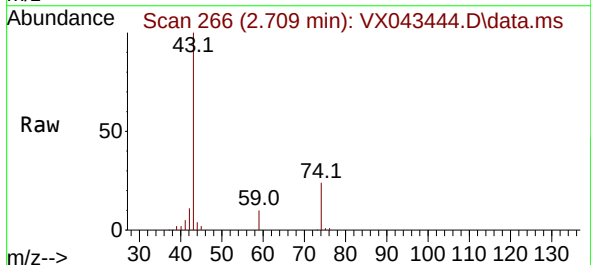
Acq: 18 Oct 2024 19:00

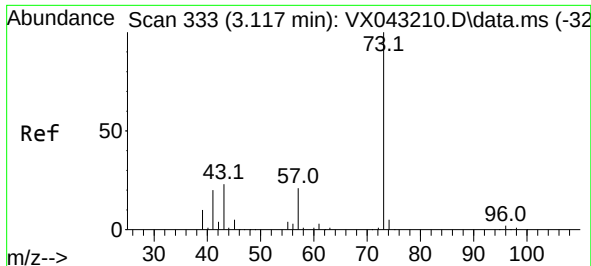
Tgt Ion: 43 Resp: 46678

Ion Ratio Lower Upper

43 100

74 23.3 19.1 28.7

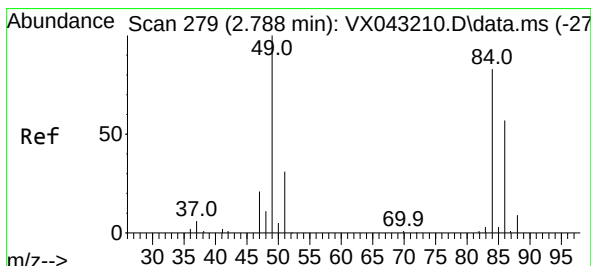
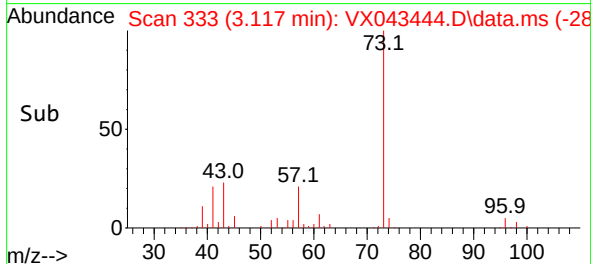
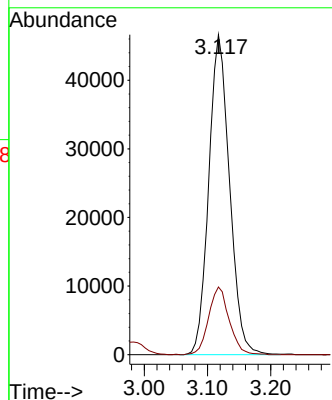
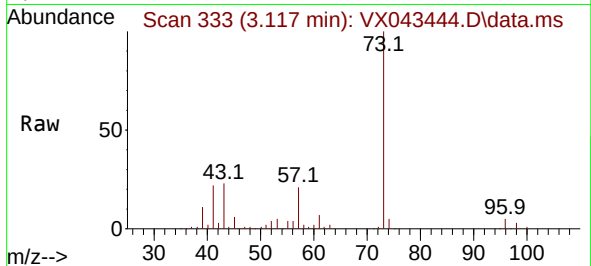




#19  
Methyl tert-butyl Ether  
Concen: 64.041 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

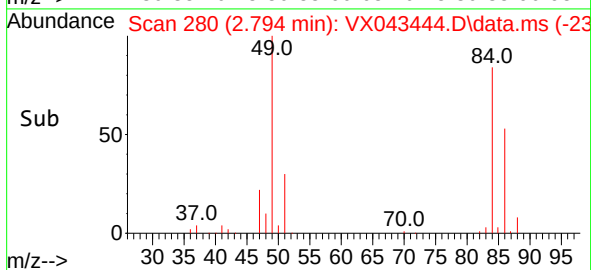
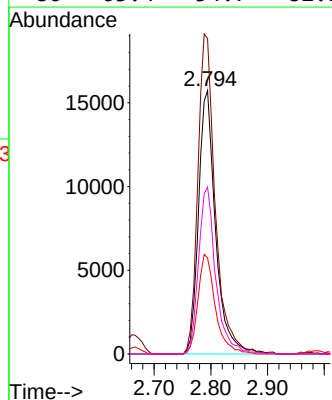
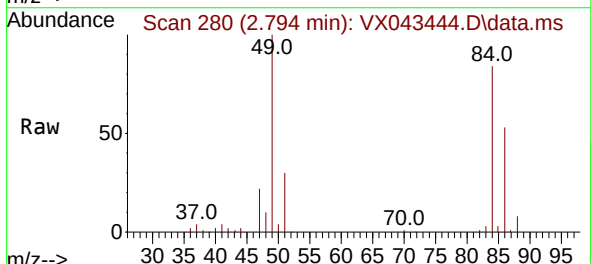
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

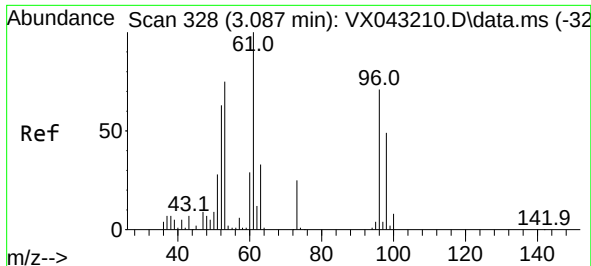
Tgt Ion: 73 Resp: 106315  
Ion Ratio Lower Upper  
73 100  
57 21.2 16.7 25.1



#20  
Methylene Chloride  
Concen: 62.660 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 84 Resp: 32908  
Ion Ratio Lower Upper  
84 100  
49 119.7 96.7 145.1  
51 36.5 30.4 45.6  
86 63.4 54.7 82.1

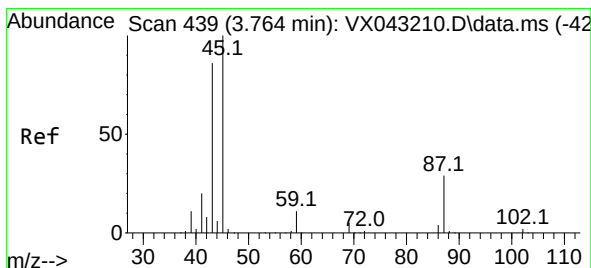
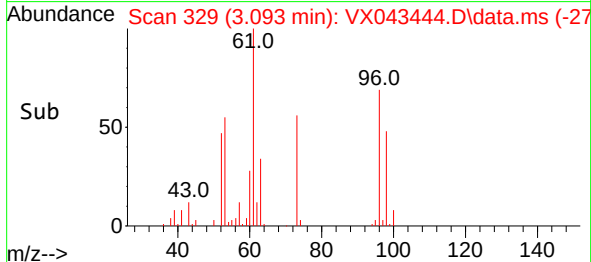
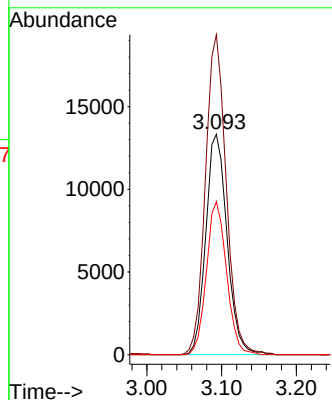
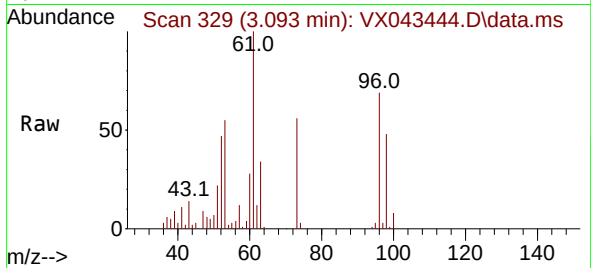




#21  
trans-1,2-Dichloroethene  
Concen: 57.056 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

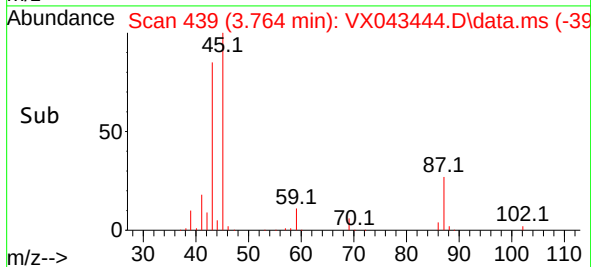
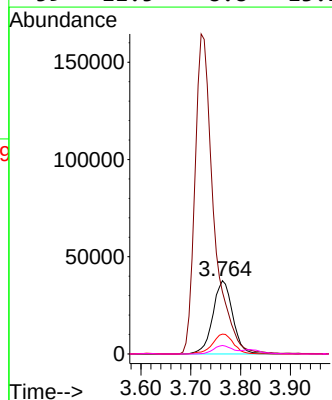
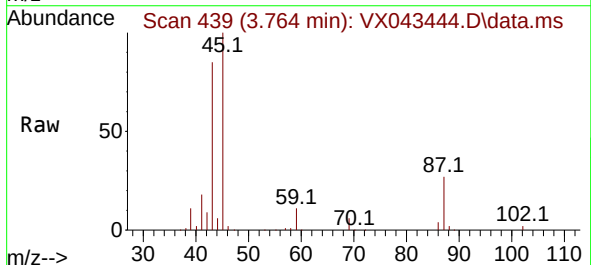
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

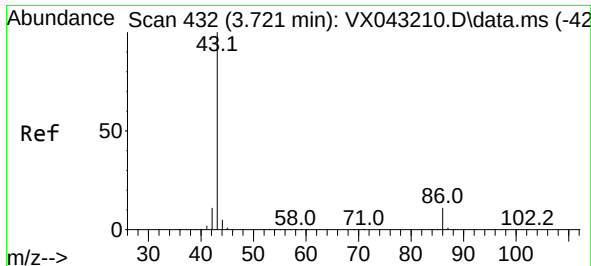
Tgt Ion: 96 Resp: 26349  
Ion Ratio Lower Upper  
96 100  
61 145.1 112.3 168.5  
98 69.3 54.6 82.0



#22  
Diisopropyl ether  
Concen: 67.801 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 45 Resp: 103961  
Ion Ratio Lower Upper  
45 100  
43 84.6 68.5 102.7  
87 27.0 23.0 34.4  
59 11.5 8.8 13.2

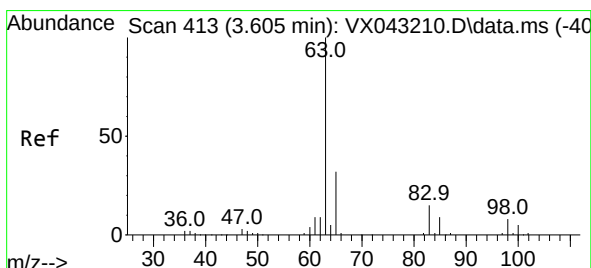
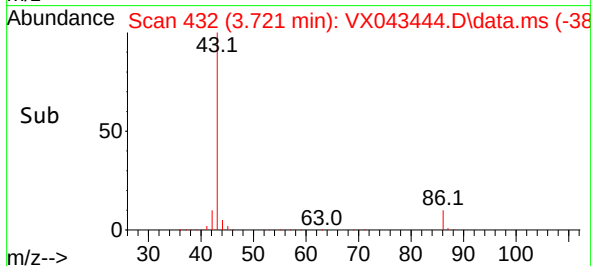
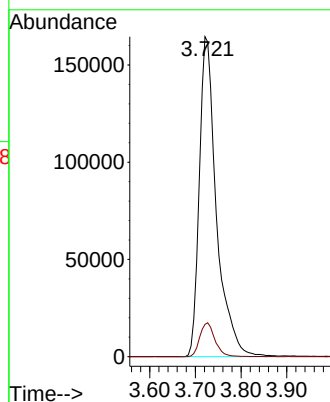
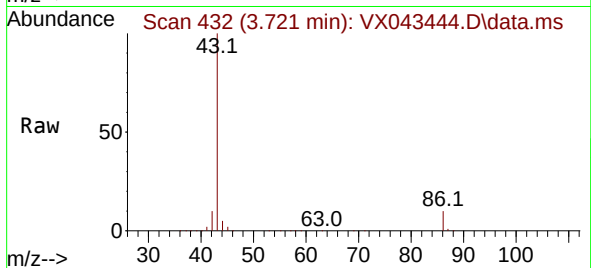




#23  
 Vinyl Acetate  
 Concen: 242.754 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX043444.D  
 Acq: 18 Oct 2024 19:00

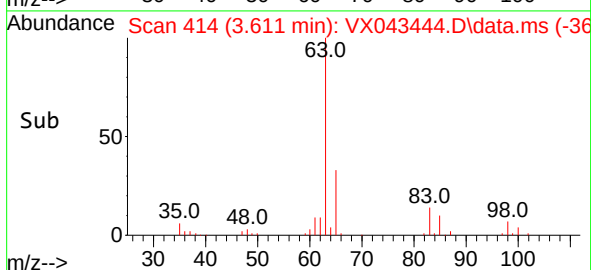
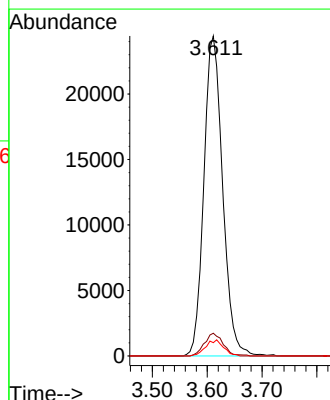
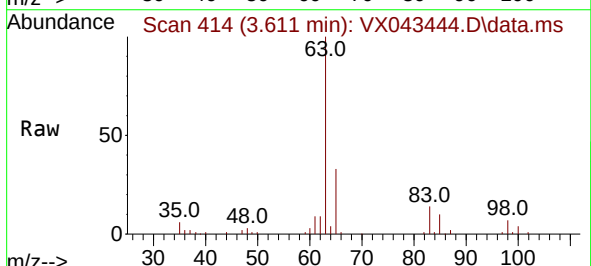
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 429401  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 8.8 13.2

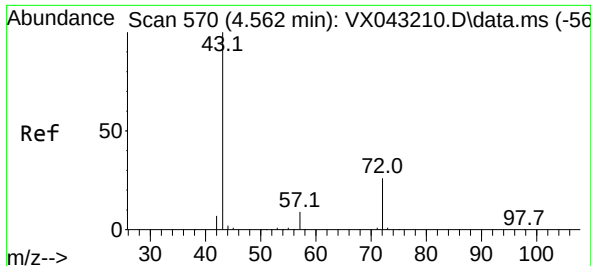


#24  
 1,1-Dichloroethane  
 Concen: 64.955 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX043444.D  
 Acq: 18 Oct 2024 19:00

Tgt Ion: 63 Resp: 58023  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.8 11.2  
 100 4.2 2.5 7.4



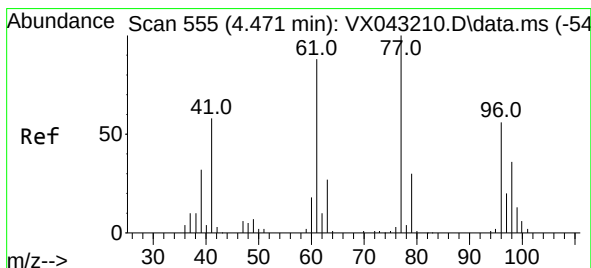
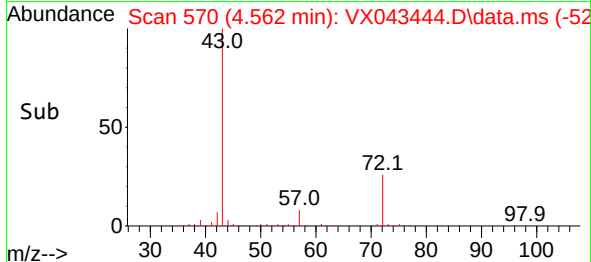
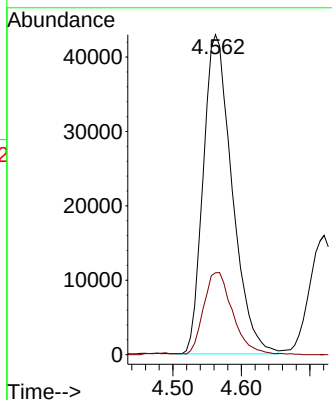
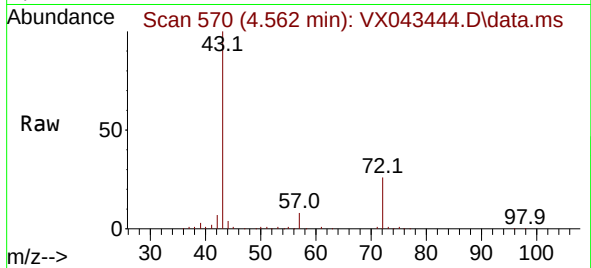




#25  
2-Butanone  
Concen: 321.973 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

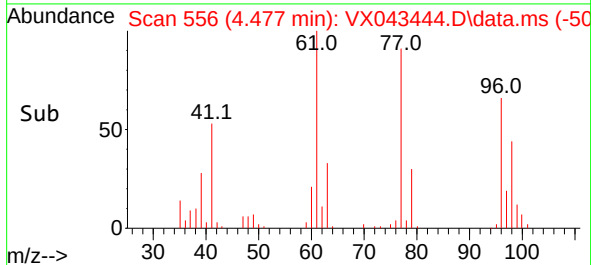
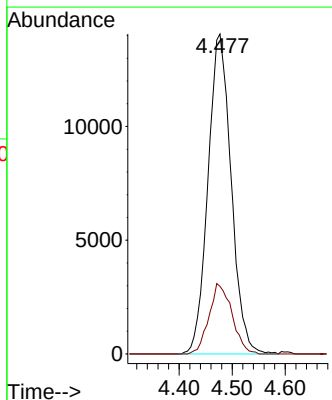
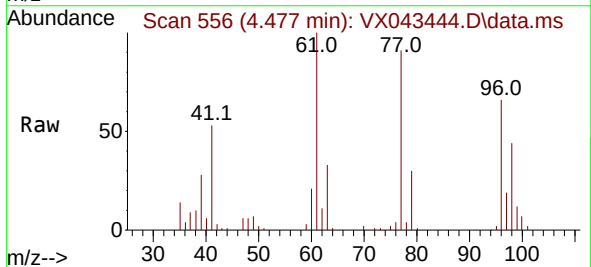
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

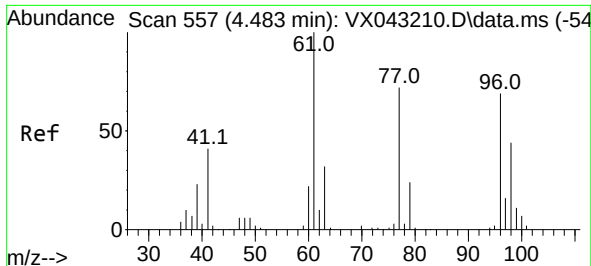
Tgt Ion: 43 Resp: 125747  
Ion Ratio Lower Upper  
43 100  
72 25.3 20.6 31.0



#26  
2,2-Dichloropropane  
Concen: 50.220 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 77 Resp: 42682  
Ion Ratio Lower Upper  
77 100  
97 21.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 63.460 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

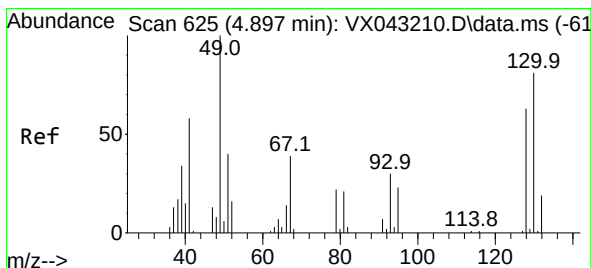
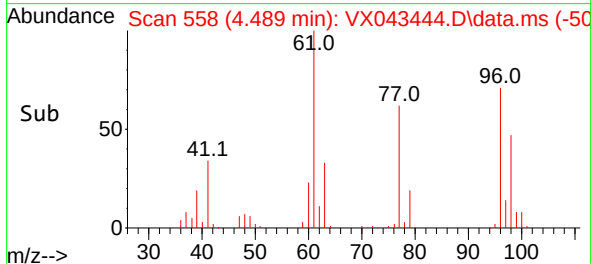
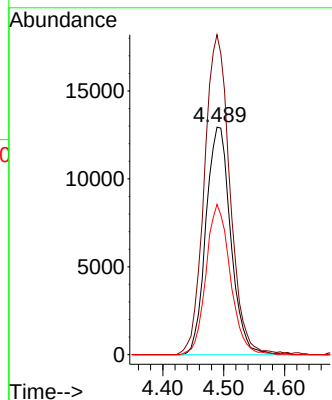
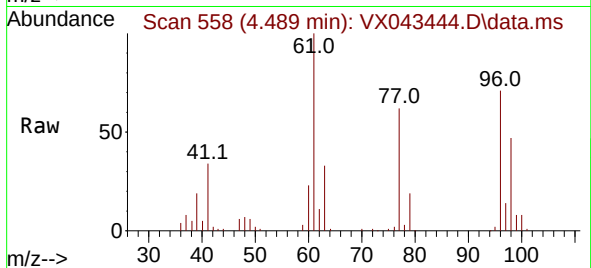
Tgt Ion: 96 Resp: 36549

Ion Ratio Lower Upper

96 100

61 145.2 0.0 298.2

98 64.7 0.0 128.6



#28

Bromochloromethane

Concen: 63.008 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

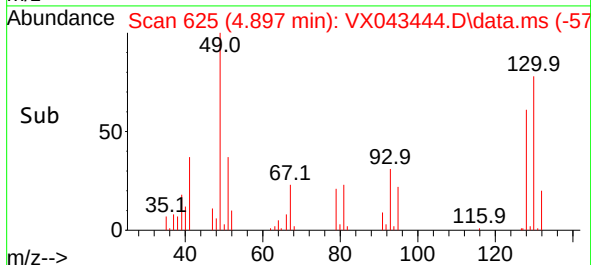
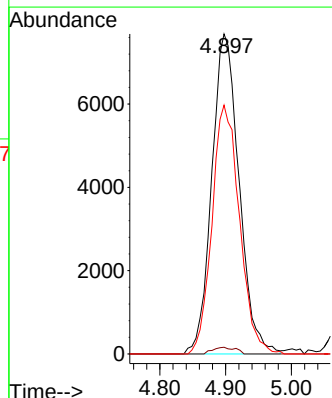
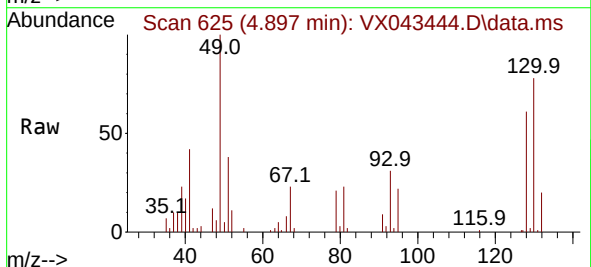
Tgt Ion: 49 Resp: 22205

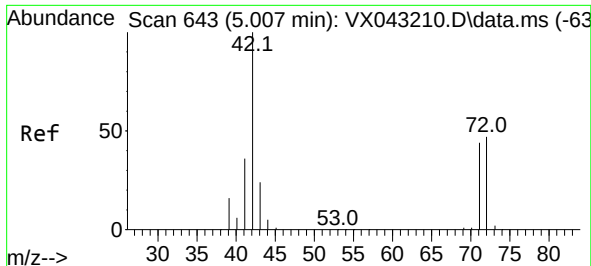
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 78.1 65.5 98.3





#29

Tetrahydrofuran

Concen: 320.641 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

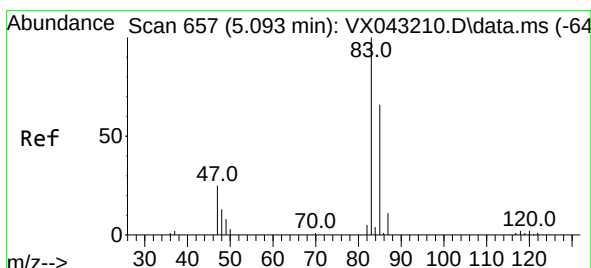
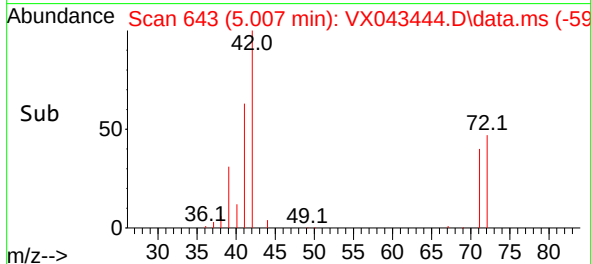
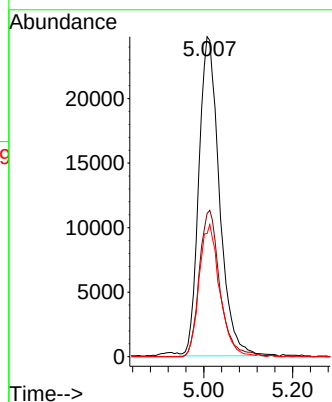
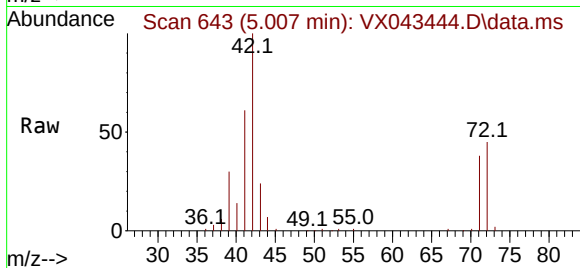
Tgt Ion: 42 Resp: 79775

Ion Ratio Lower Upper

42 100

72 46.0 37.7 56.5

71 41.5 34.6 52.0



#30

Chloroform

Concen: 64.409 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX043444.D

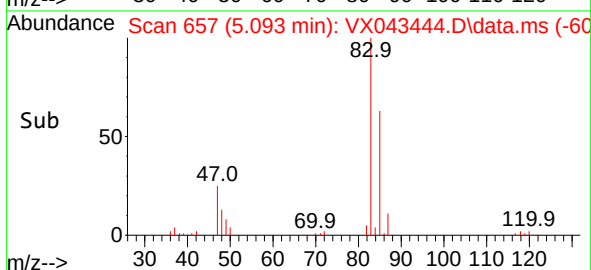
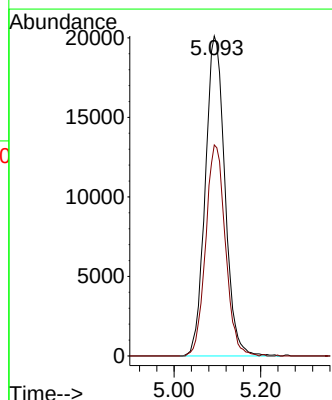
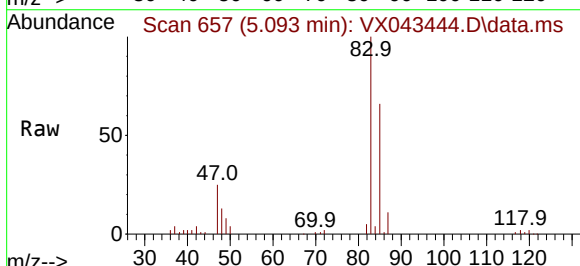
Acq: 18 Oct 2024 19:00

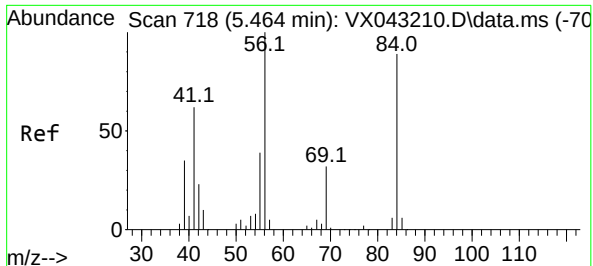
Tgt Ion: 83 Resp: 63183

Ion Ratio Lower Upper

83 100

85 66.0 52.5 78.7

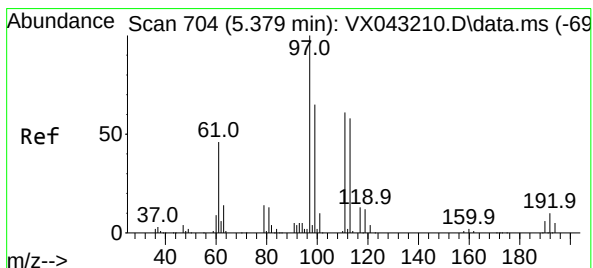
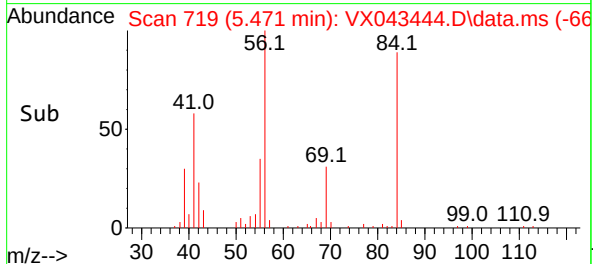
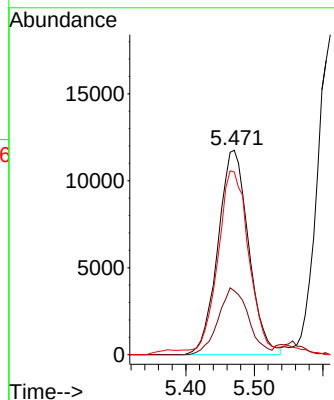
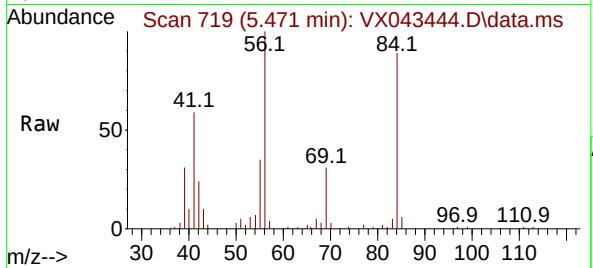




#31  
Cyclohexane  
Concen: 49.658 ug/l  
RT: 5.471 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

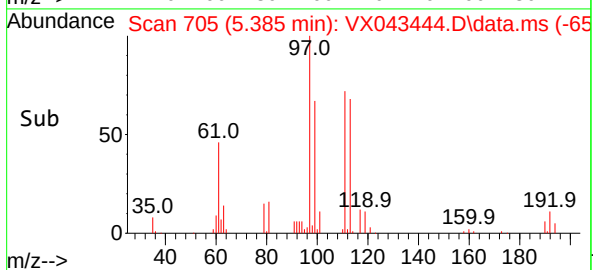
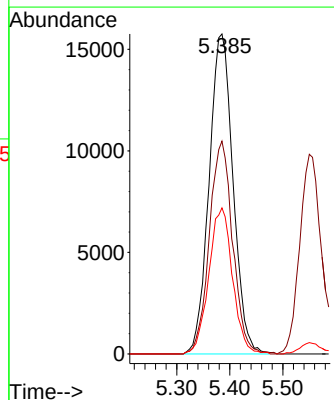
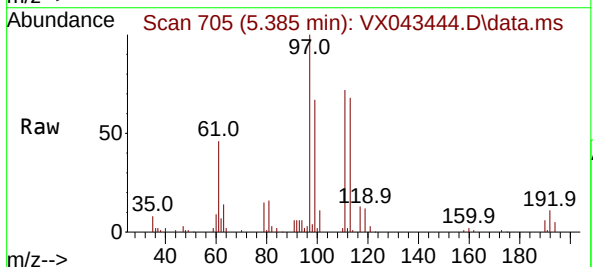
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

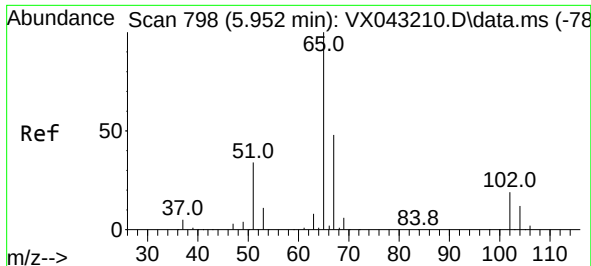
Tgt Ion: 56 Resp: 36547  
Ion Ratio Lower Upper  
56 100  
69 31.3 25.8 38.6  
84 87.2 71.1 106.7



#32  
1,1,1-Trichloroethane  
Concen: 54.912 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 97 Resp: 49477  
Ion Ratio Lower Upper  
97 100  
99 64.9 51.2 76.8  
61 45.2 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 63.778 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

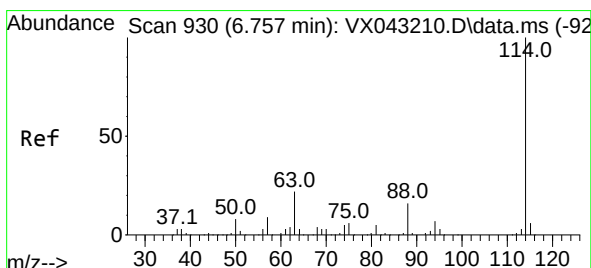
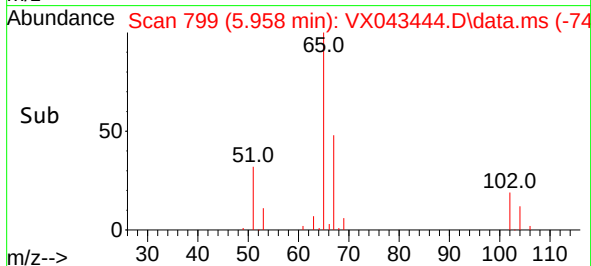
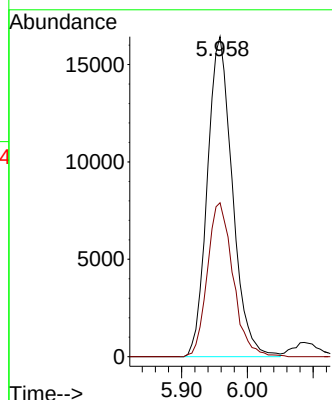
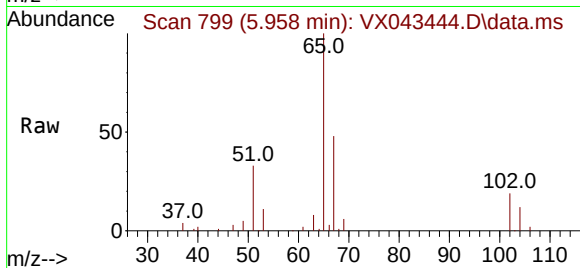
VSTDCCC050EC

Tgt Ion: 65 Resp: 43501

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

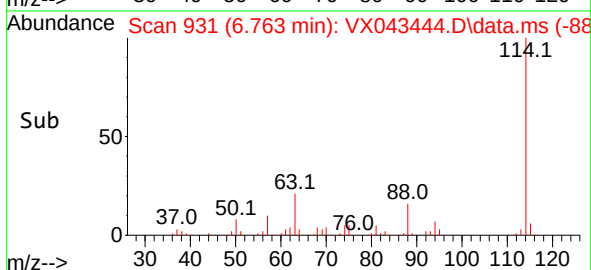
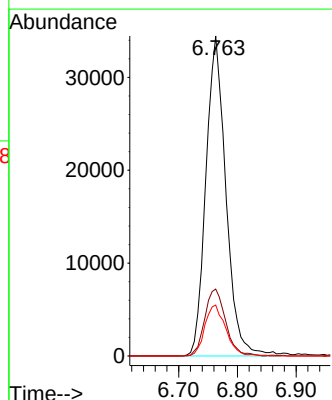
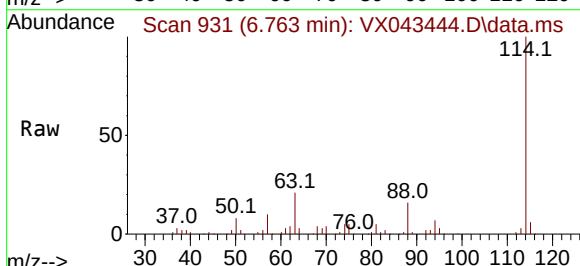
Tgt Ion: 114 Resp: 81792

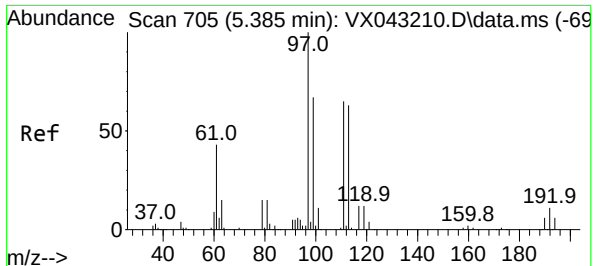
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.0

88 15.9 0.0 33.0

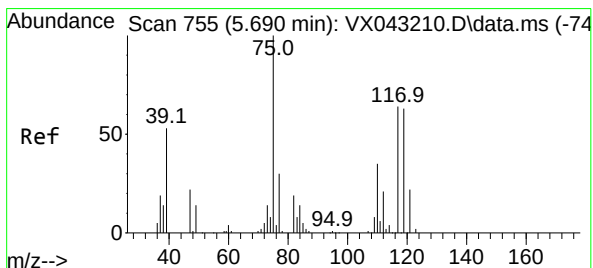
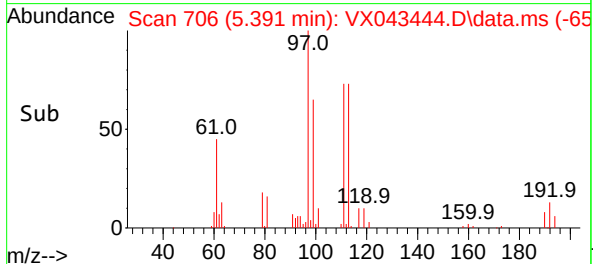
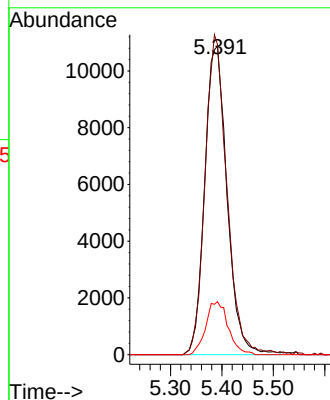
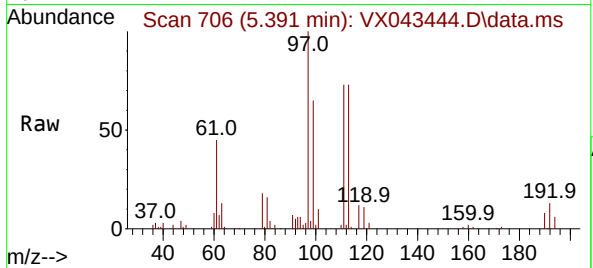




#35  
Dibromofluoromethane  
Concen: 58.381 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

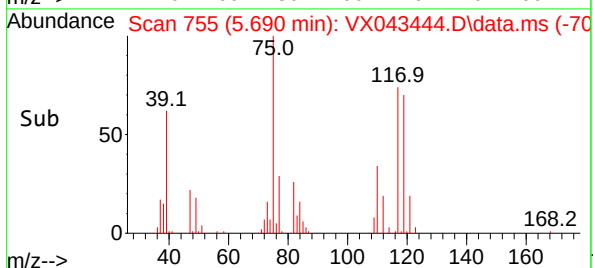
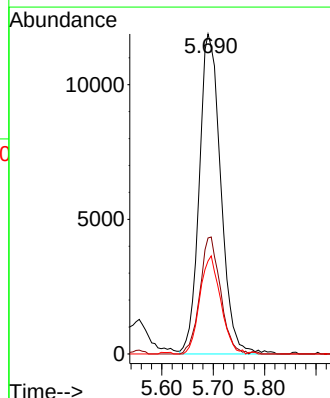
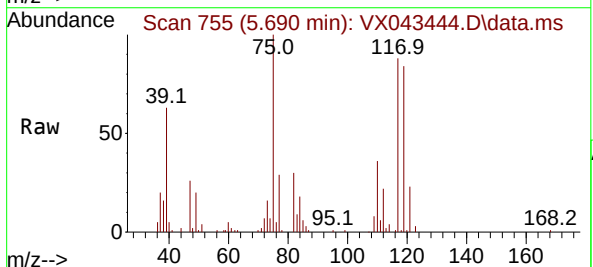
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

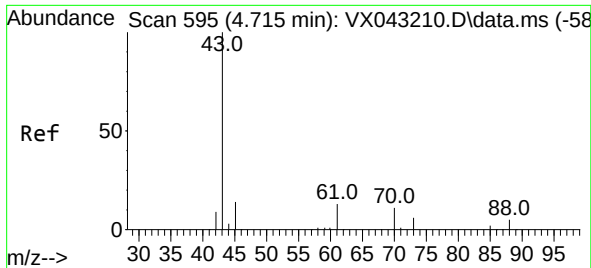
Tgt Ion:113 Resp: 32931  
Ion Ratio Lower Upper  
113 100  
111 101.3 83.4 125.0  
192 17.2 14.1 21.1



#36  
1,1-Dichloropropene  
Concen: 48.540 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 75 Resp: 34590  
Ion Ratio Lower Upper  
75 100  
110 35.0 17.8 53.3  
77 29.7 24.9 37.3

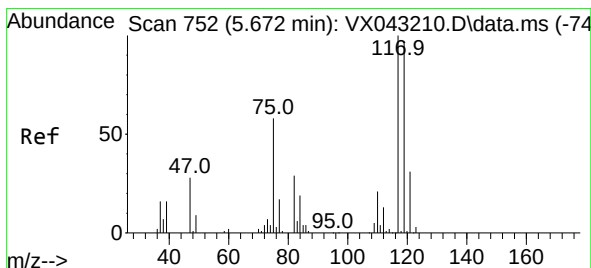
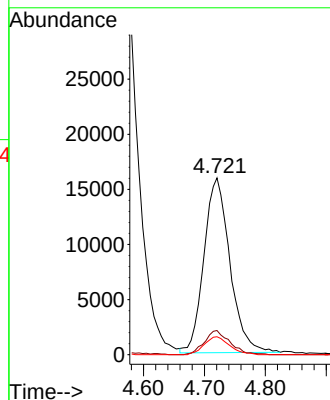
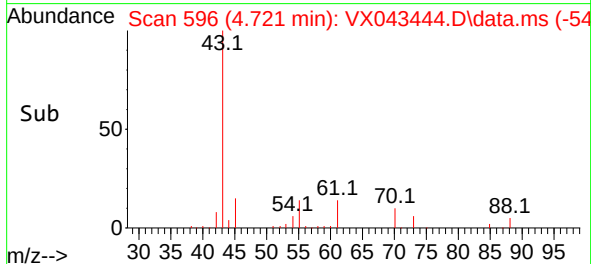
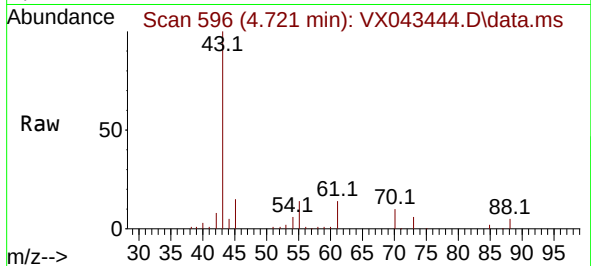




#37  
Ethyl Acetate  
Concen: 54.971 ug/l  
RT: 4.721 min Scan# 595  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

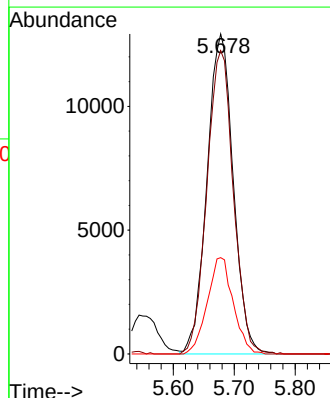
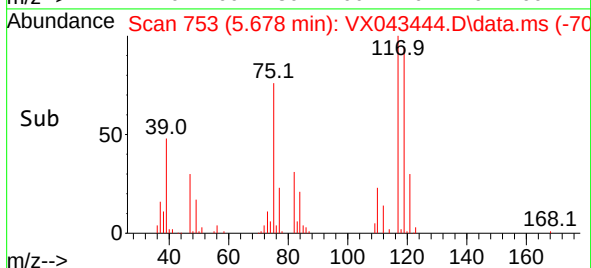
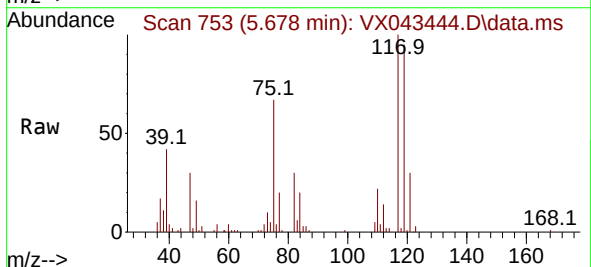
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

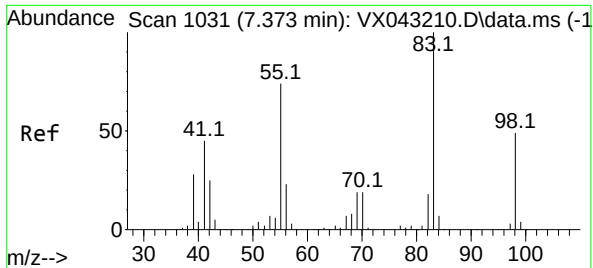
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 47041 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.6  | 11.0  | 16.4  |
| 70       | 10.0  | 8.9   | 13.3  |



#38  
Carbon Tetrachloride  
Concen: 45.960 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 38771 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.8  | 77.7  | 116.5 |
| 121      | 30.1  | 24.3  | 36.5  |

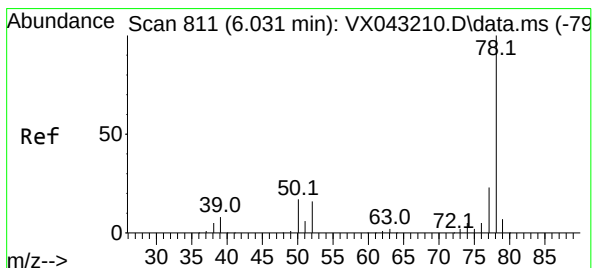
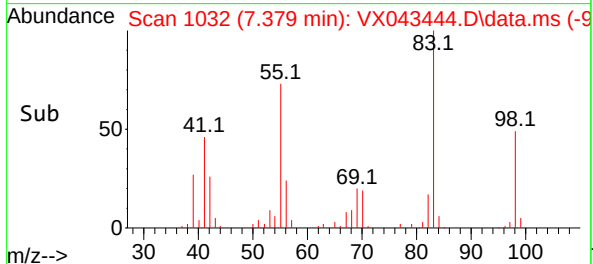
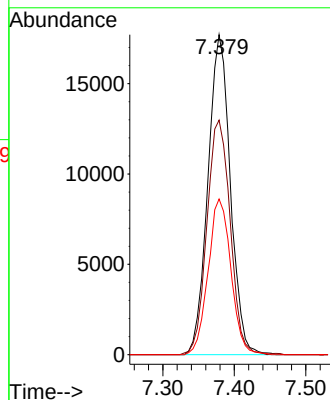
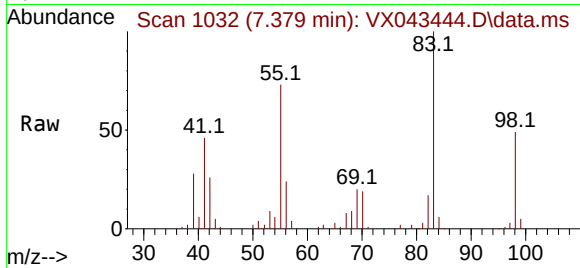




#39  
Methylcyclohexane  
Concen: 43.086 ug/l  
RT: 7.379 min Scan# 1031  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

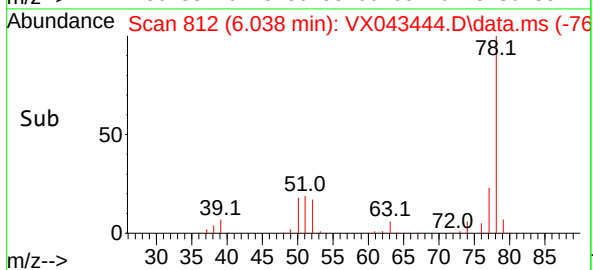
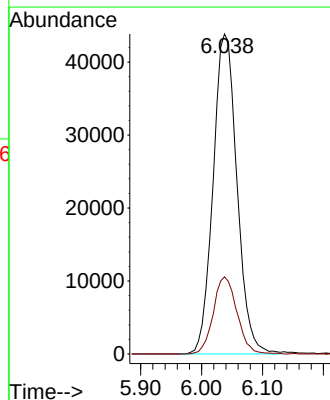
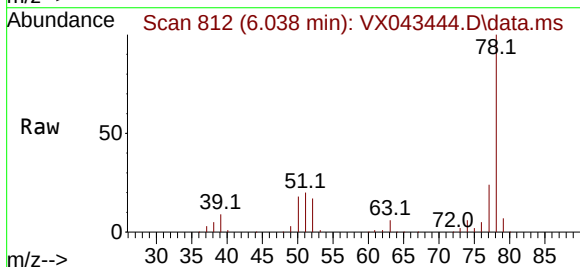
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 83 | Resp: | 38616     |
| Ion Ratio   | Lower | Upper     |
| 83          | 100   |           |
| 55          | 73.3  | 59.4 89.2 |
| 98          | 48.7  | 39.3 58.9 |

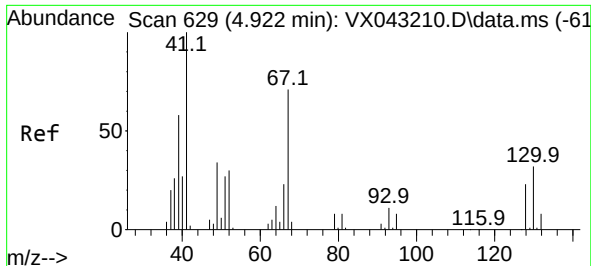


#40  
Benzene  
Concen: 55.305 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 78 | Resp: | 119488    |
| Ion Ratio   | Lower | Upper     |
| 78          | 100   |           |
| 77          | 24.1  | 18.8 28.2 |



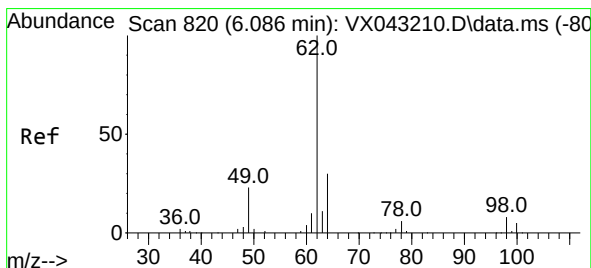
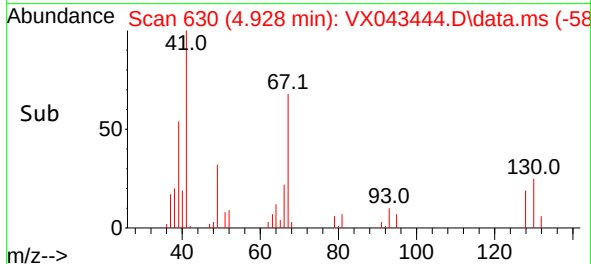
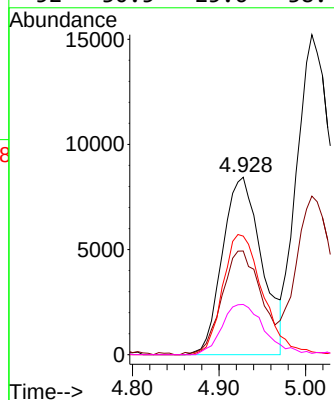
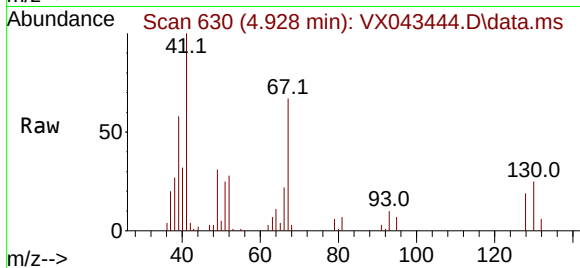




#41  
Methacrylonitrile  
Concen: 59.786 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

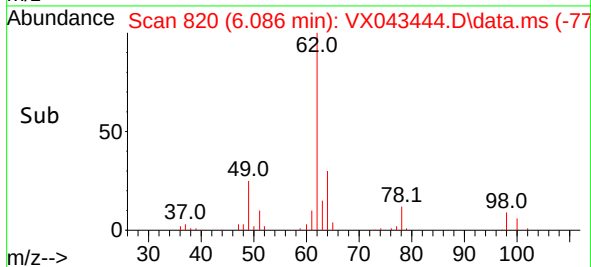
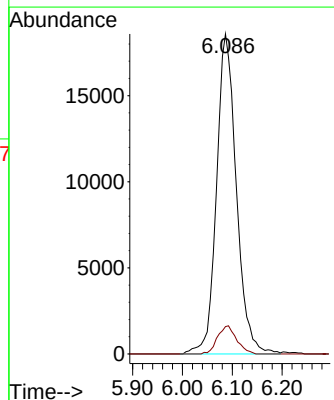
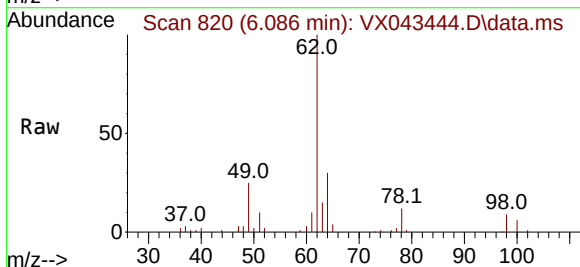
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

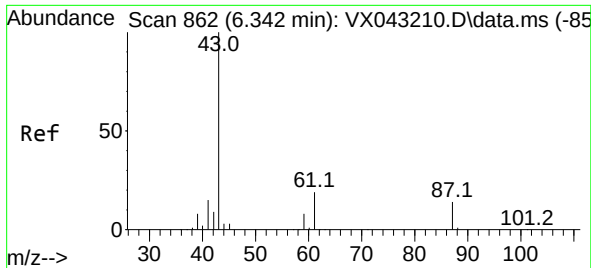
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 26632 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.9  | 45.0  | 67.4  |
| 67       | 68.9  | 56.0  | 84.0  |
| 52       | 30.5  | 25.6  | 38.4  |



#42  
1,2-Dichloroethane  
Concen: 58.296 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 51324 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.5   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 56.036 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDC050EC

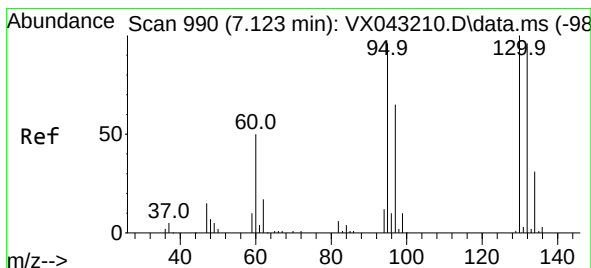
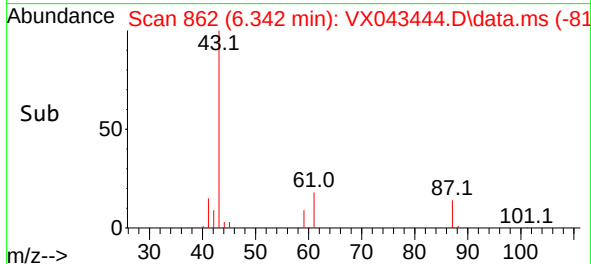
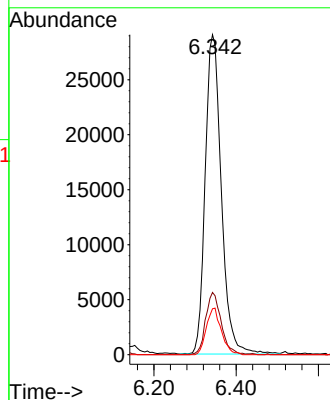
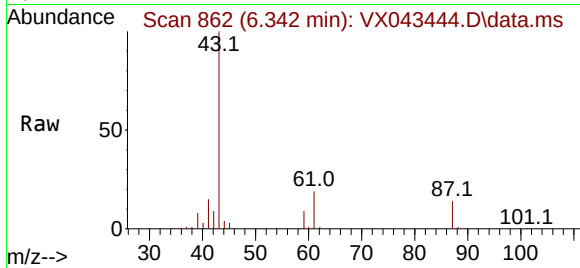
Tgt Ion: 43 Resp: 79204

Ion Ratio Lower Upper

43 100

61 18.7 15.1 22.7

87 13.5 10.8 16.2



#44

Trichloroethene

Concen: 50.186 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX043444.D

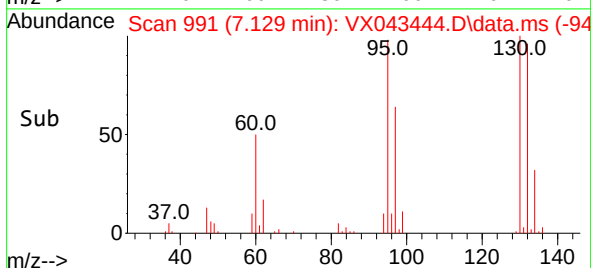
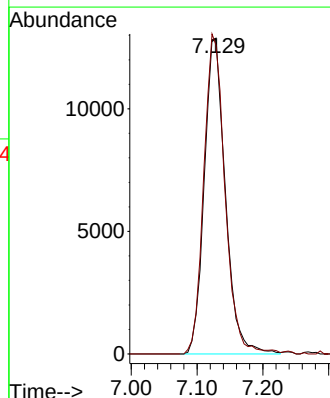
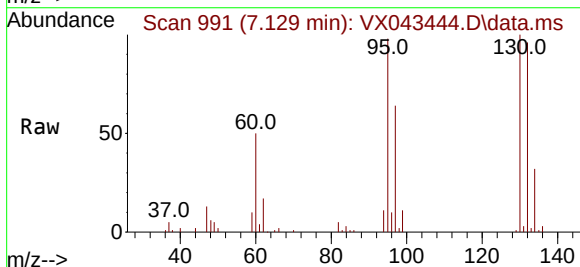
Acq: 18 Oct 2024 19:00

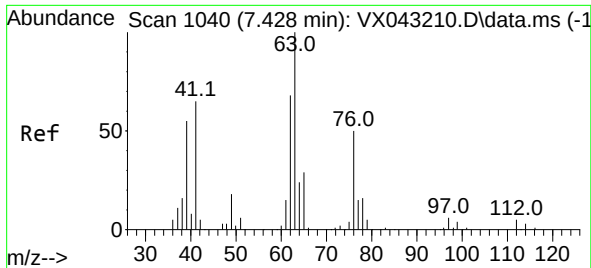
Tgt Ion:130 Resp: 28759

Ion Ratio Lower Upper

130 100

95 97.7 0.0 192.2

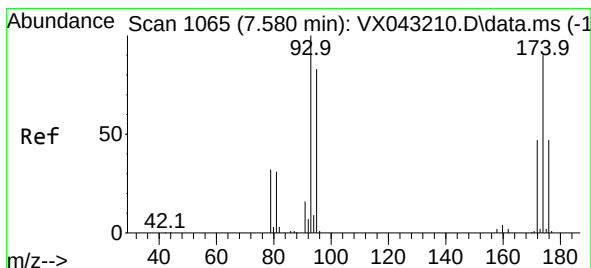
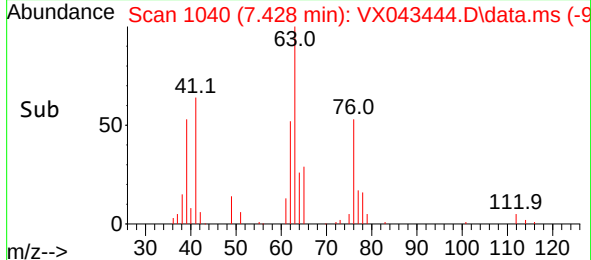
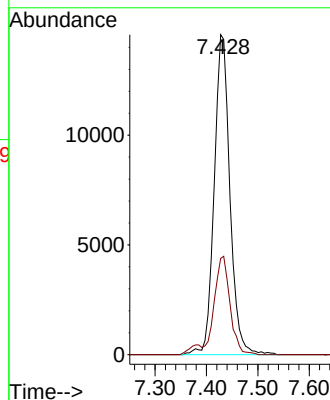
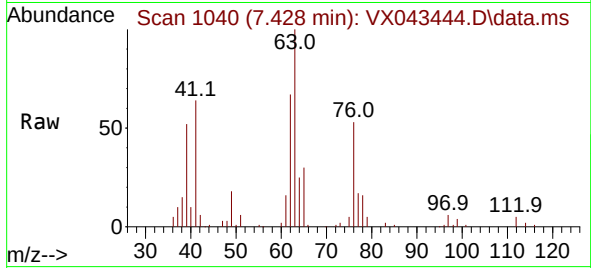




#45  
1,2-Dichloropropane  
Concen: 58.460 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

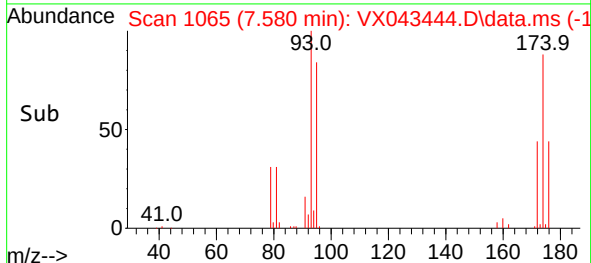
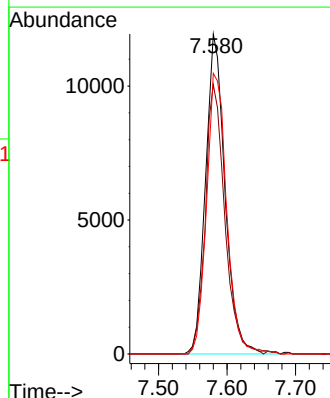
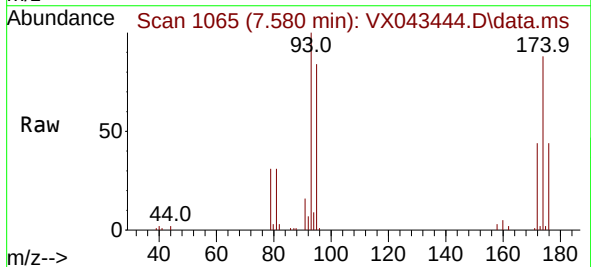
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

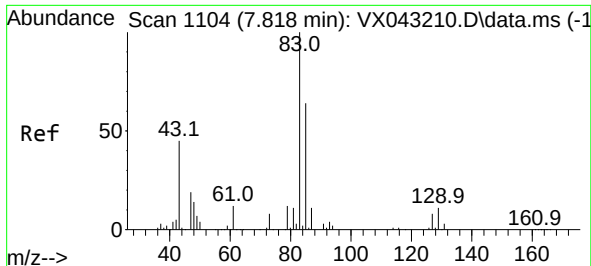
Tgt Ion: 63 Resp: 30996  
Ion Ratio Lower Upper  
63 100  
65 30.1 23.2 34.8



#46  
Dibromomethane  
Concen: 55.841 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 93 Resp: 23725  
Ion Ratio Lower Upper  
93 100  
95 83.6 65.8 98.8  
174 90.6 74.5 111.7





#47

Bromodichloromethane

Concen: 55.859 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

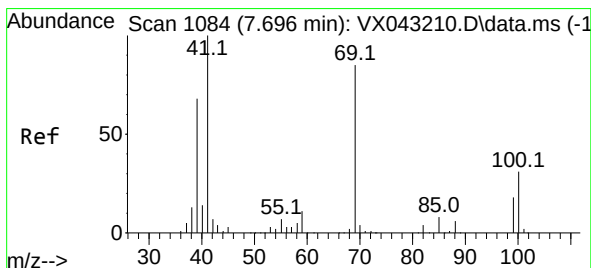
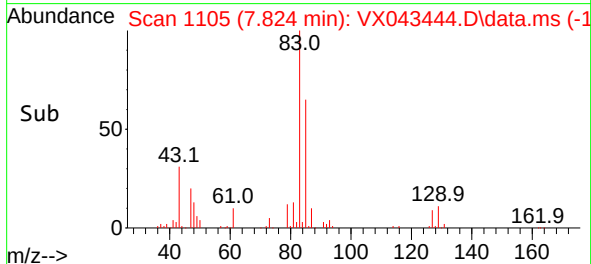
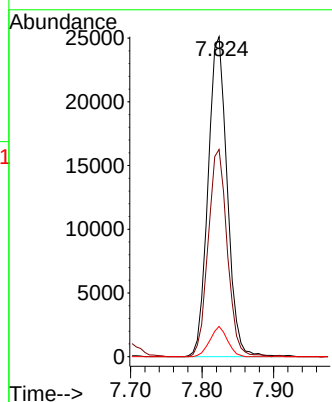
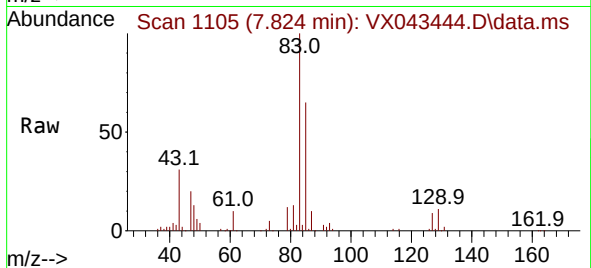
Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 46659 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 64.7     | 51.4 77.2   |
| 127 9.5     | 6.2 9.4     |



#48

Methyl methacrylate

Concen: 55.672 ug/l

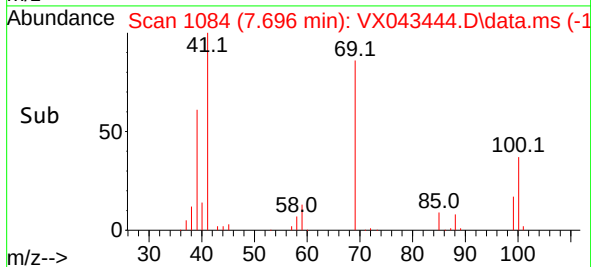
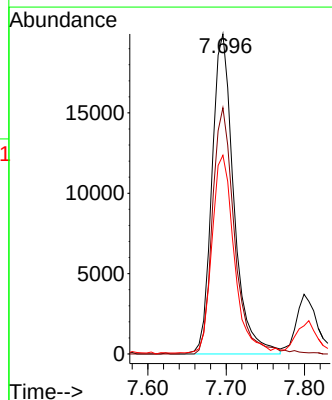
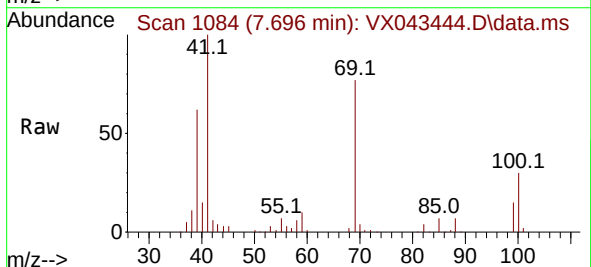
RT: 7.696 min Scan# 1084

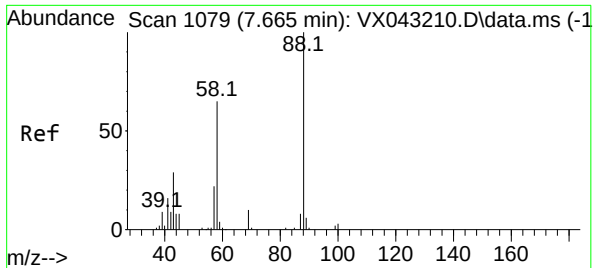
Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 38610 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 78.0     | 64.1 96.1   |
| 39 63.1     | 52.8 79.2   |

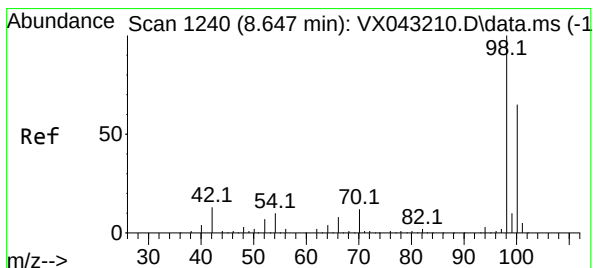
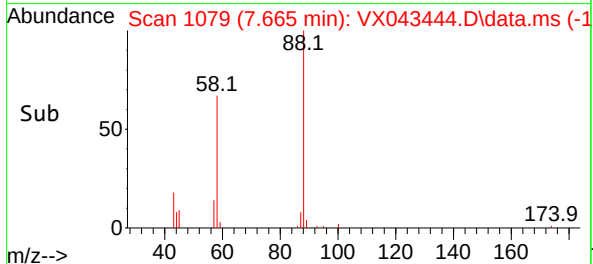
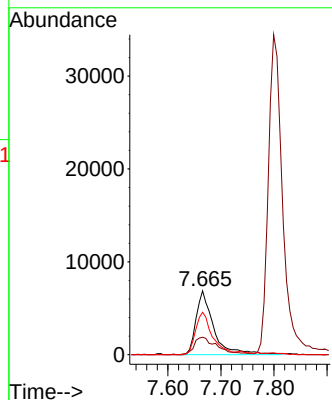
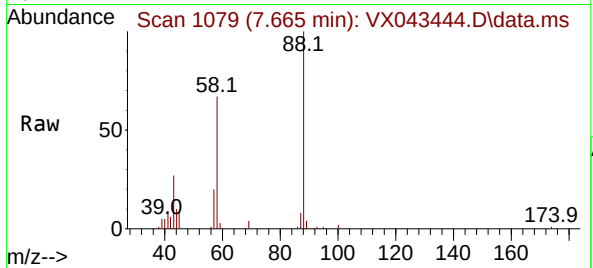




#49  
1,4-Dioxane  
Concen: 1175.849 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

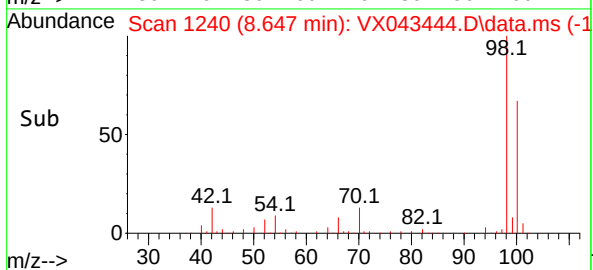
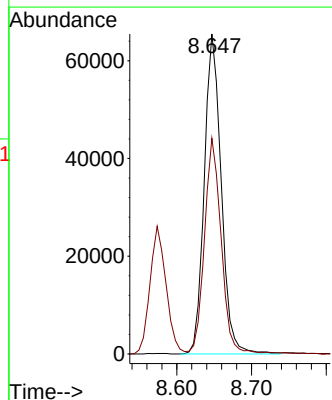
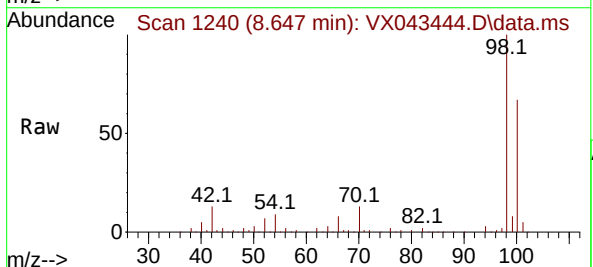
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

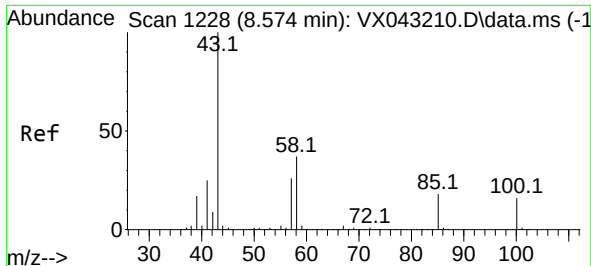
Tgt Ion: 88 Resp: 15852  
Ion Ratio Lower Upper  
88 100  
43 35.8 29.5 44.3  
58 62.8 55.2 82.8



#50  
Toluene-d8  
Concen: 52.884 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 98 Resp: 103376  
Ion Ratio Lower Upper  
98 100  
100 66.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 287.851 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

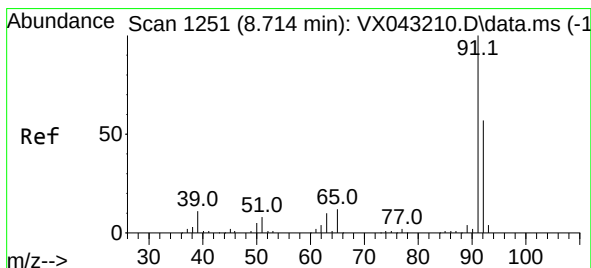
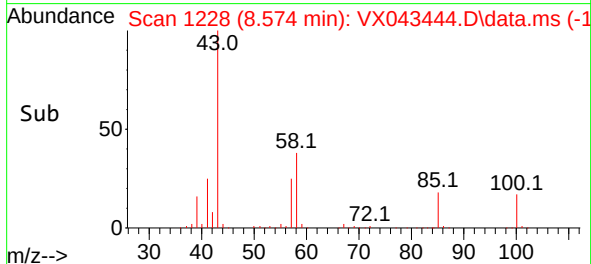
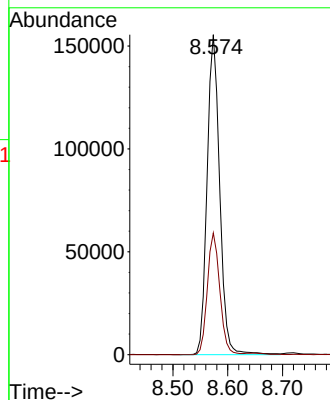
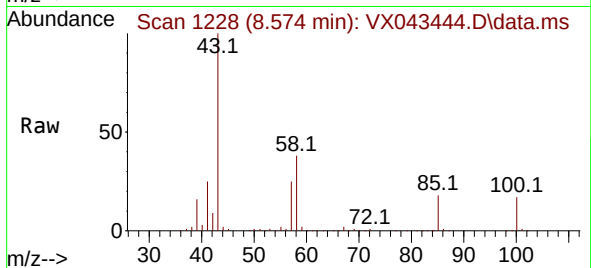
VSTDCCC050EC

Tgt Ion: 43 Resp: 247109

Ion Ratio Lower Upper

43 100

58 37.6 30.0 45.0



#52

Toluene

Concen: 55.082 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043444.D

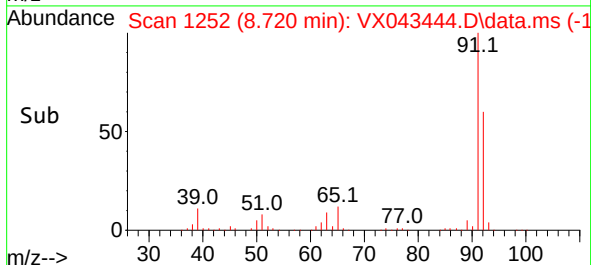
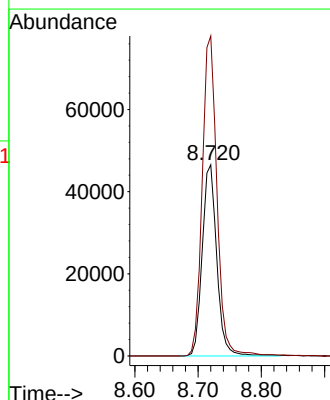
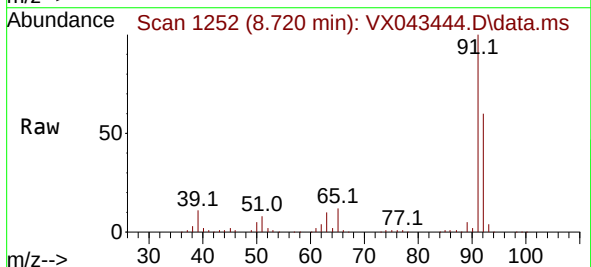
Acq: 18 Oct 2024 19:00

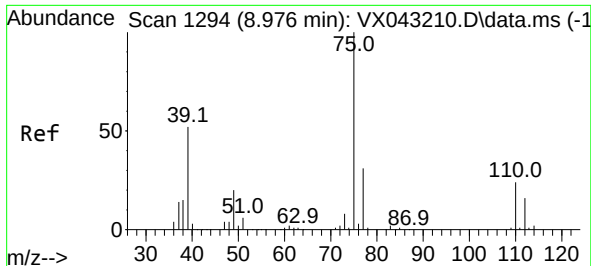
Tgt Ion: 92 Resp: 74585

Ion Ratio Lower Upper

92 100

91 169.9 137.0 205.4

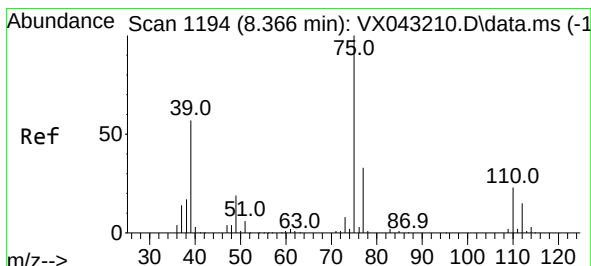
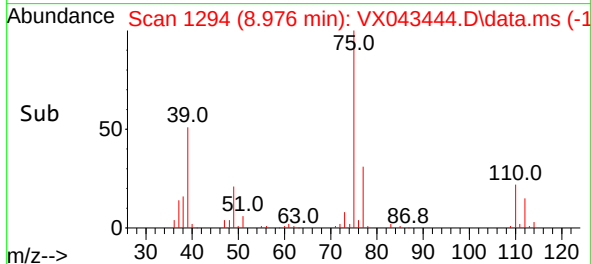
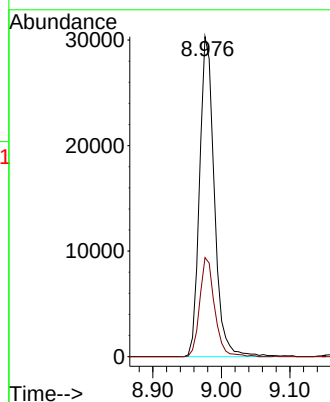
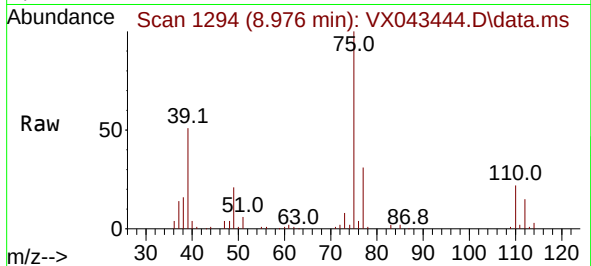




#53  
t-1,3-Dichloropropene  
Concen: 54.972 ug/l  
RT: 8.976 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

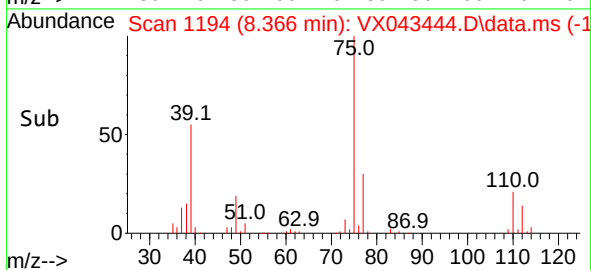
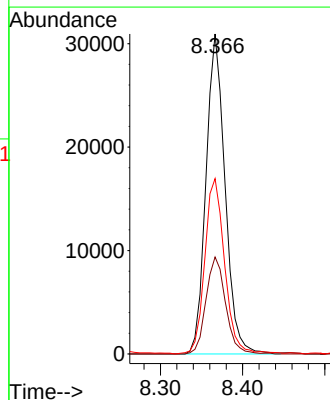
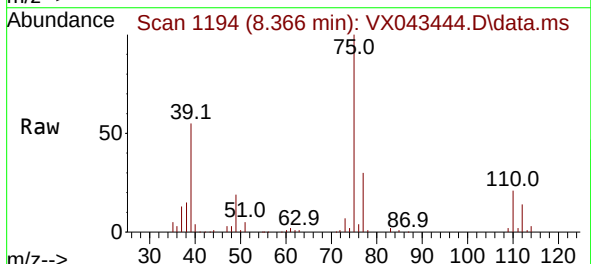
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

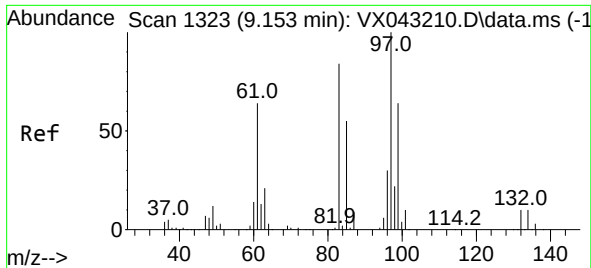
Tgt Ion: 75 Resp: 45629  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 55.987 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 75 Resp: 49842  
Ion Ratio Lower Upper  
75 100  
77 30.3 26.0 39.0  
39 54.6 45.8 68.8

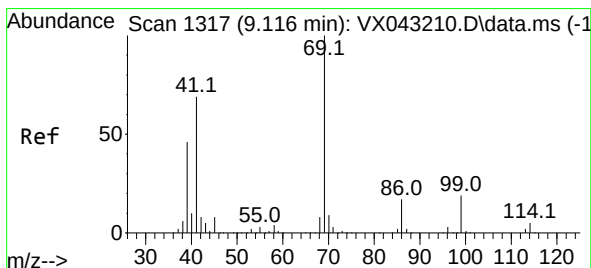
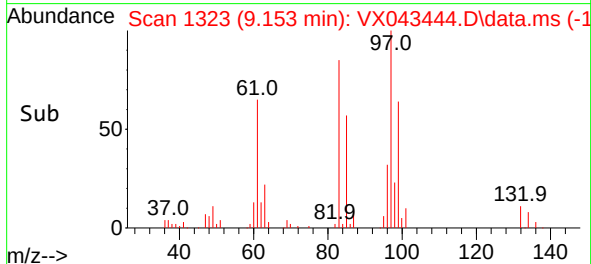
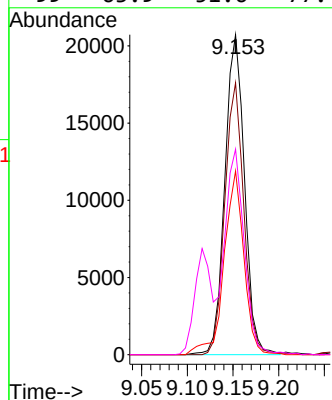
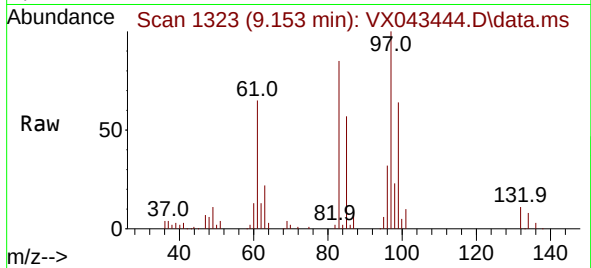




#55  
1,1,2-Trichloroethane  
Concen: 57.491 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

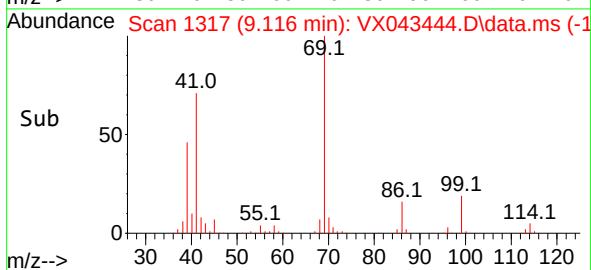
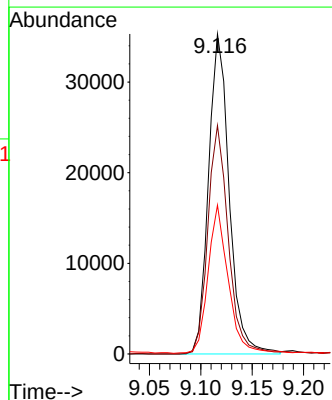
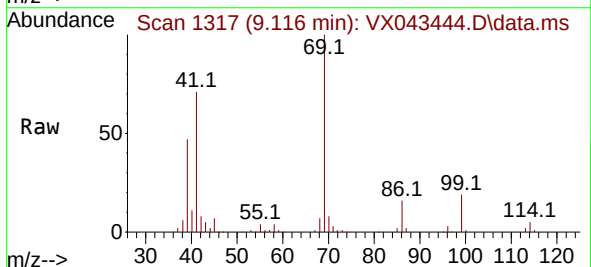
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 30938 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.9     | 66.9 100.3  |
| 85 57.4     | 43.9 65.9   |
| 99 63.9     | 51.6 77.4   |

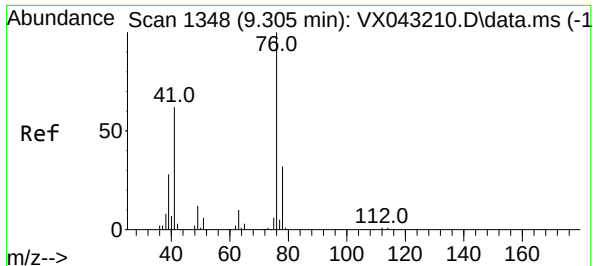


#56  
Ethyl methacrylate  
Concen: 56.255 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 49493 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 71.5     | 56.1 84.1   |
| 39 45.0     | 36.4 54.6   |







#57

1,3-Dichloropropane

Concen: 58.291 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

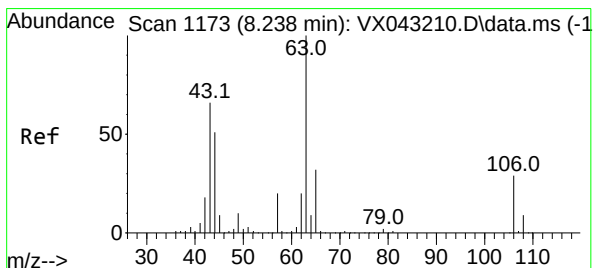
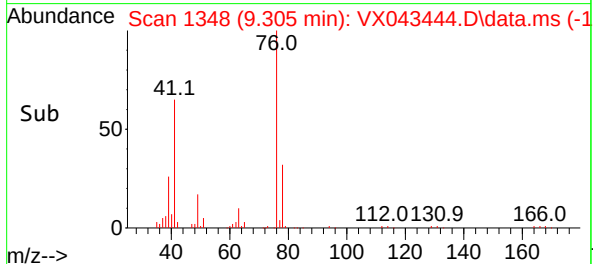
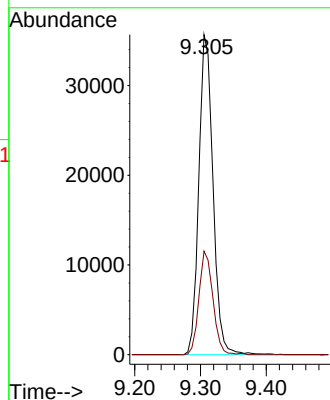
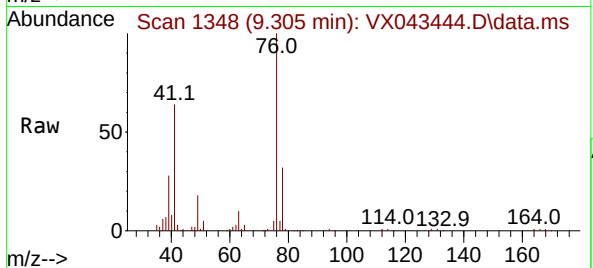
VSTDCCC050EC

Tgt Ion: 76 Resp: 53426

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 256.536 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX043444.D

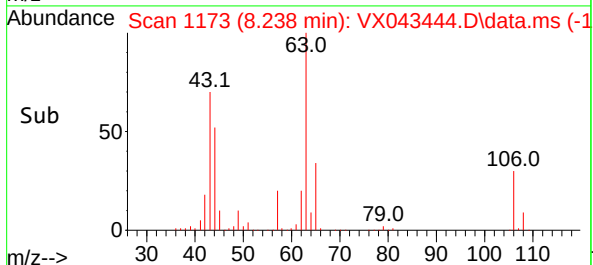
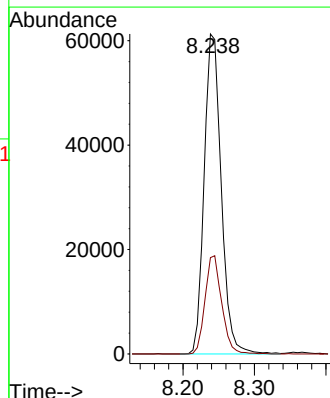
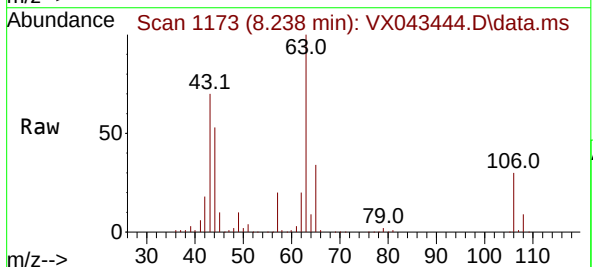
Acq: 18 Oct 2024 19:00

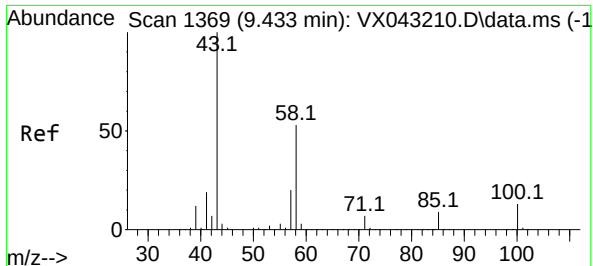
Tgt Ion: 63 Resp: 101735

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5

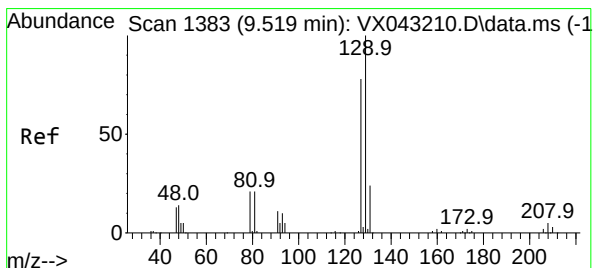
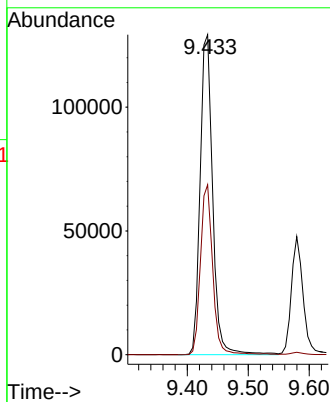
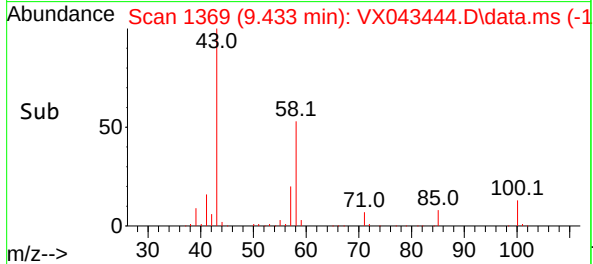
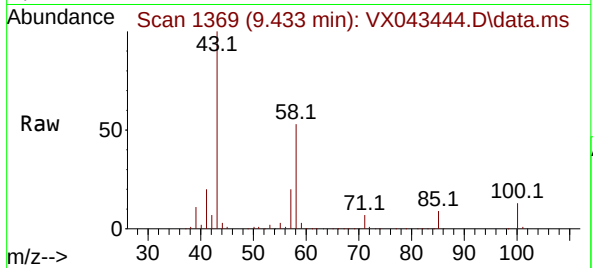




#59  
2-Hexanone  
Concen: 283.745 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

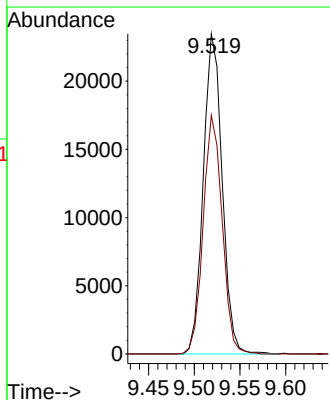
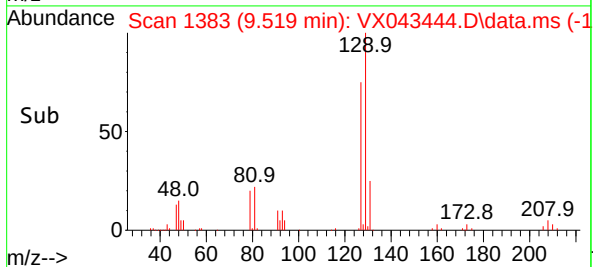
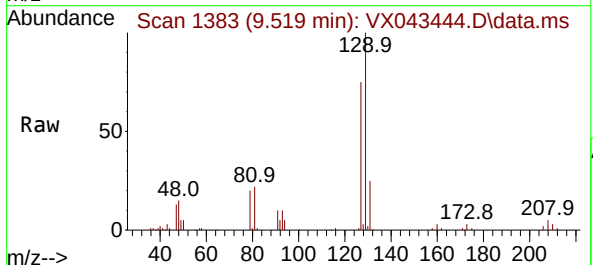
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

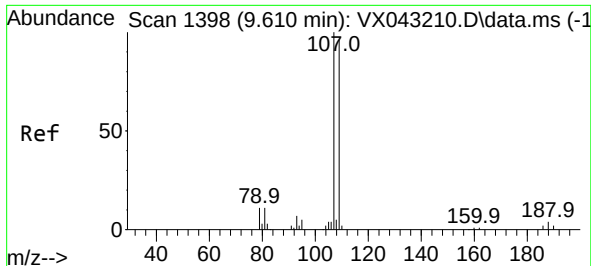
Tgt Ion: 43 Resp: 184202  
Ion Ratio Lower Upper  
43 100  
58 51.8 26.1 78.3



#60  
Dibromochloromethane  
Concen: 53.856 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 129 Resp: 33622  
Ion Ratio Lower Upper  
129 100  
127 74.9 38.3 114.9

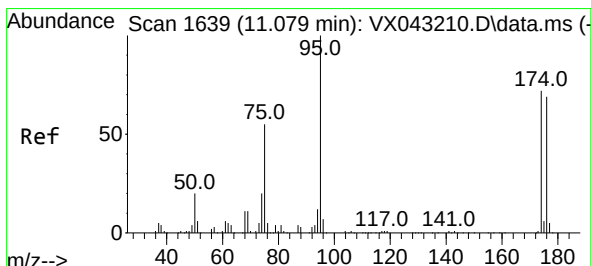
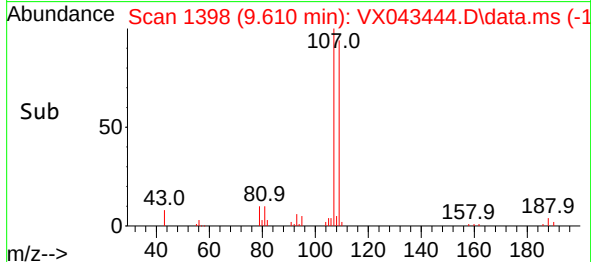
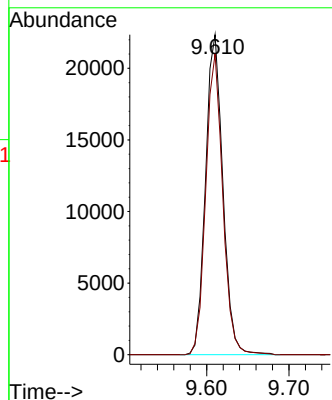
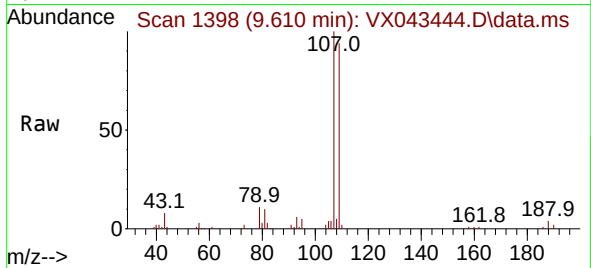




#61  
1,2-Dibromoethane  
Concen: 56.611 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

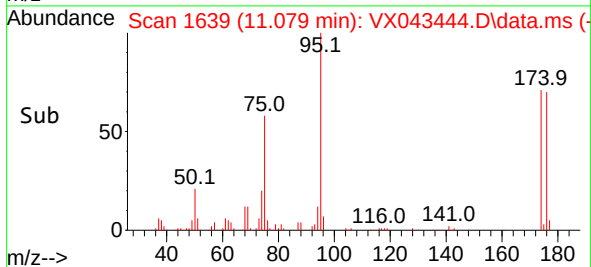
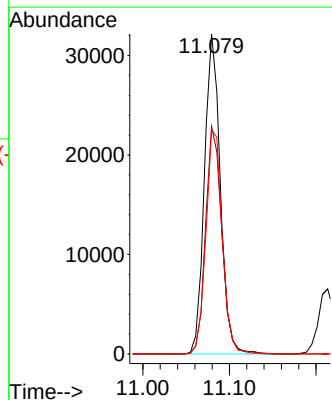
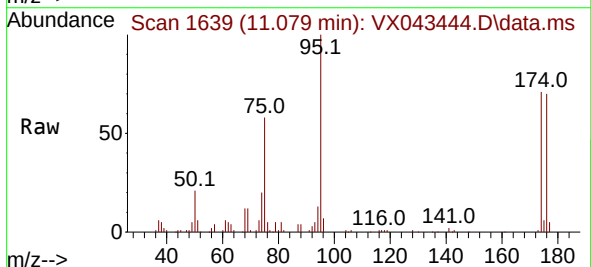
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

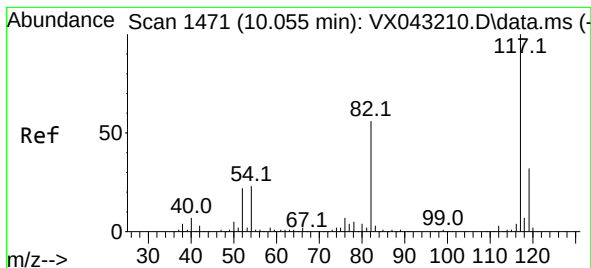
Tgt Ion:107 Resp: 32731  
Ion Ratio Lower Upper  
107 100  
109 92.0 76.1 114.1



#62  
4-Bromofluorobenzene  
Concen: 57.640 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 95 Resp: 40933  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 145.0  
176 72.1 0.0 143.0

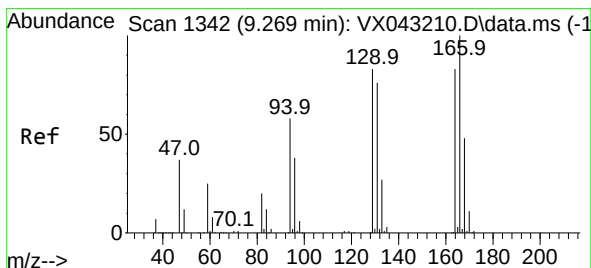
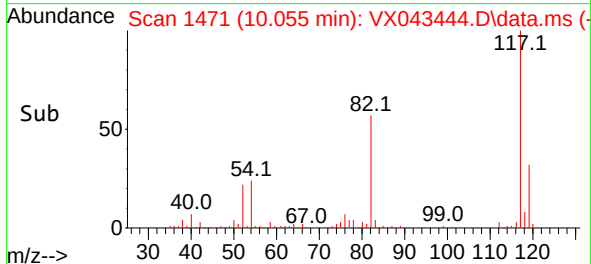
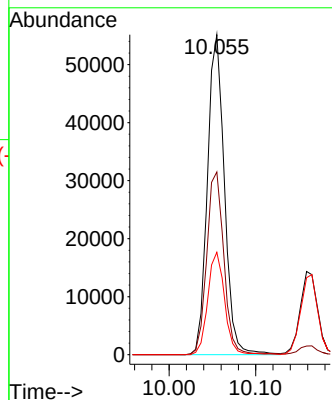
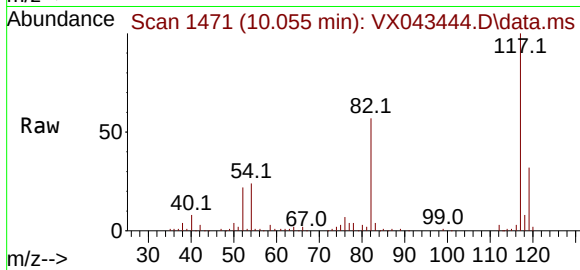




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

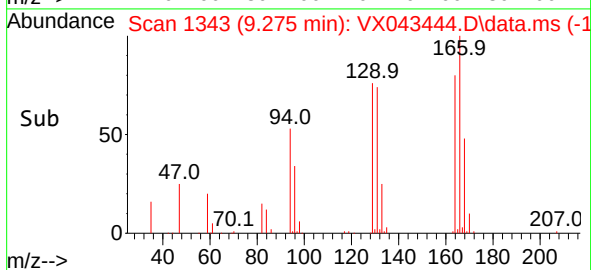
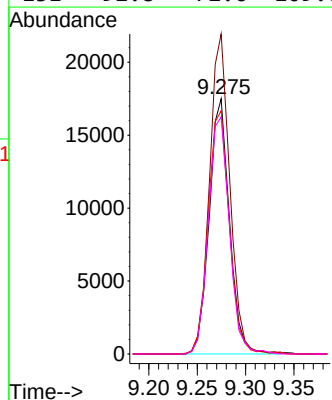
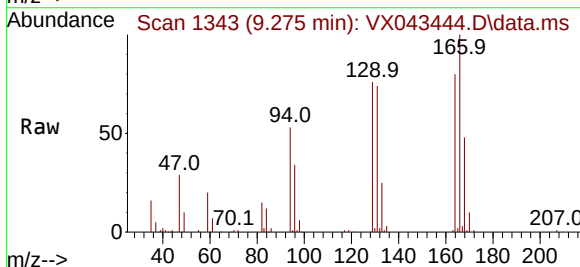
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

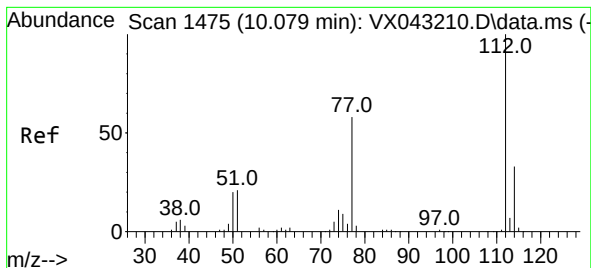
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 75177 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 57.1  | 45.0  | 67.6  |
| 119      | 32.0  | 25.3  | 37.9  |



#64  
Tetrachloroethene  
Concen: 48.925 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 25521 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 125.4 | 96.0  | 144.0 |
| 129      | 95.3  | 79.4  | 119.0 |
| 131      | 92.8  | 72.6  | 109.0 |

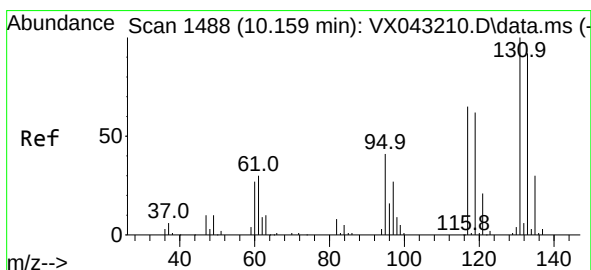
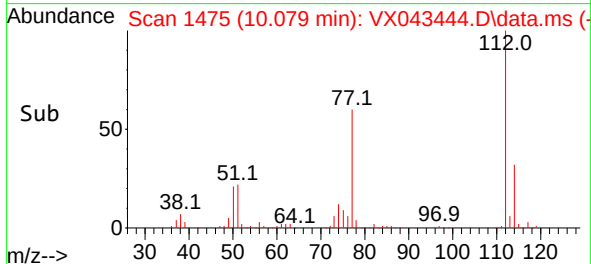
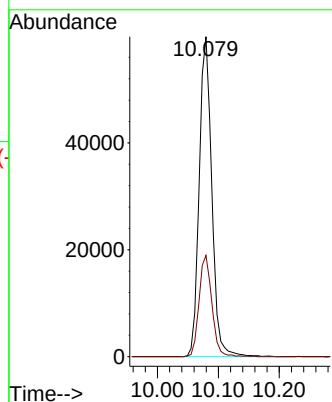
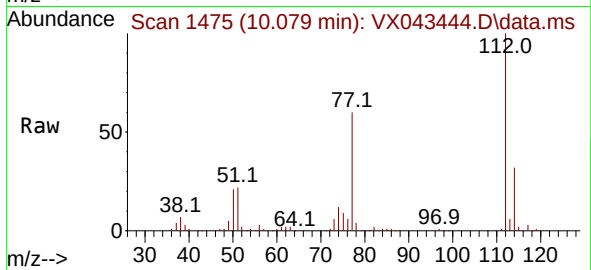




#65  
Chlorobenzene  
Concen: 53.167 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

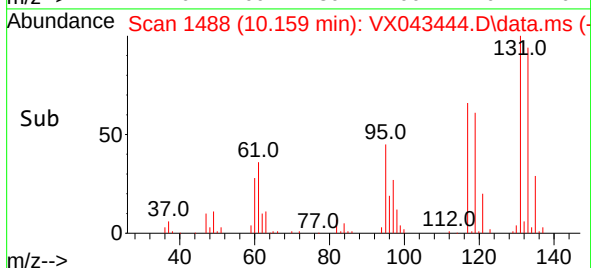
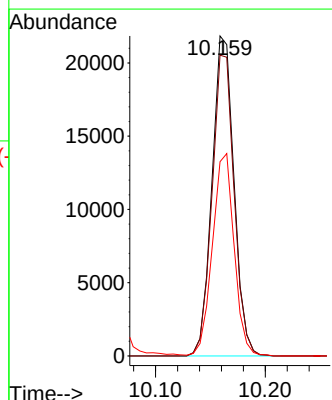
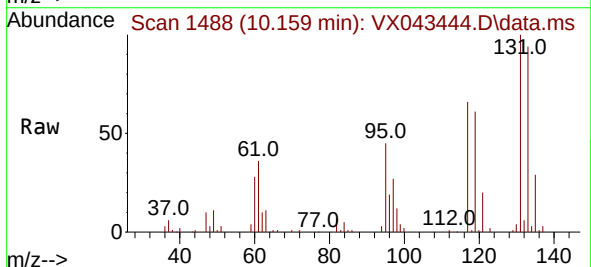
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

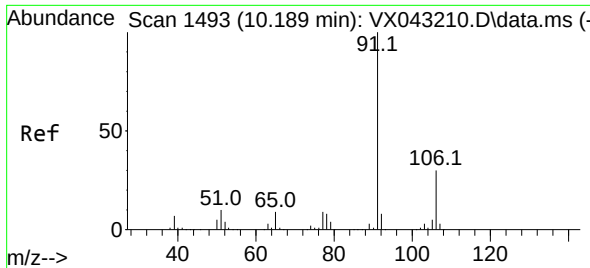
Tgt Ion:112 Resp: 85930  
Ion Ratio Lower Upper  
112 100  
114 31.7 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.166 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion:131 Resp: 30384  
Ion Ratio Lower Upper  
131 100  
133 94.7 46.9 140.8  
119 62.7 31.7 95.1

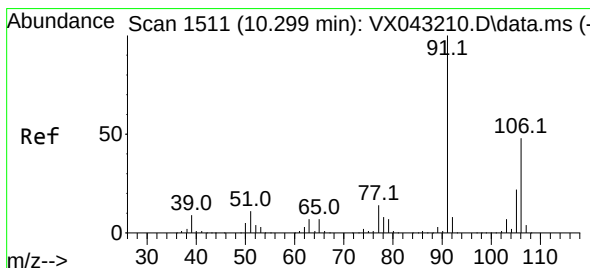
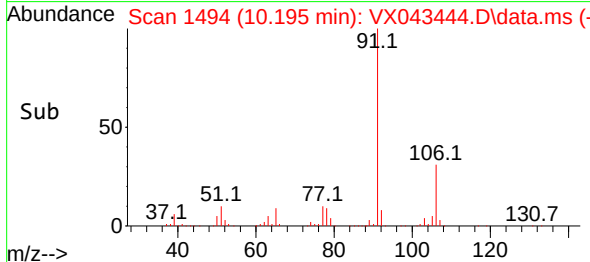
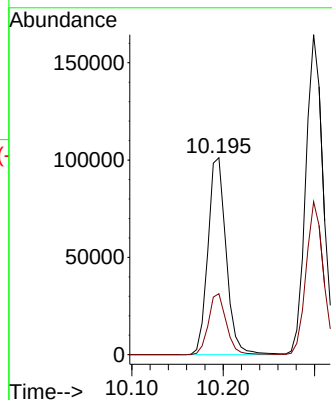
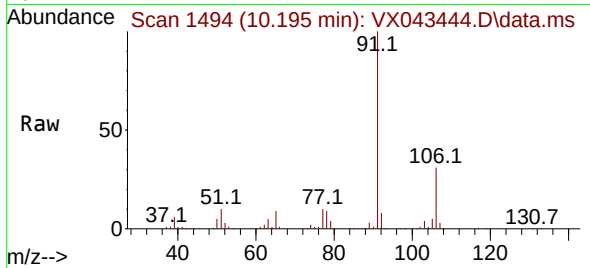




#67  
Ethyl Benzene  
Concen: 50.105 ug/l  
RT: 10.195 min Scan# 1493  
Delta R.T. 0.006 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

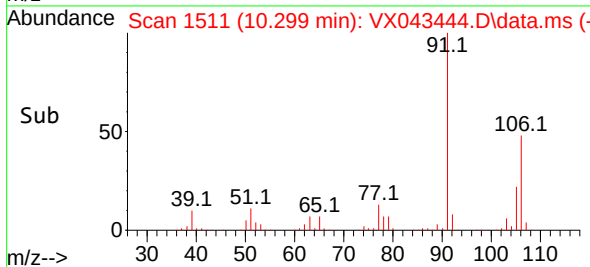
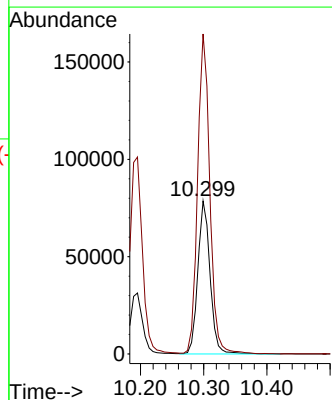
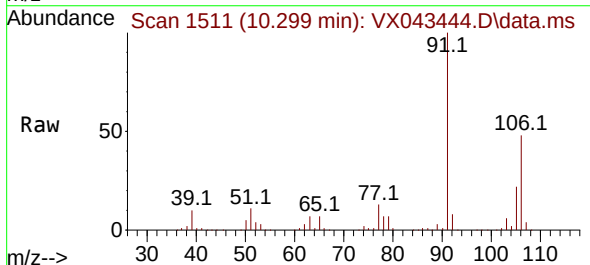
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

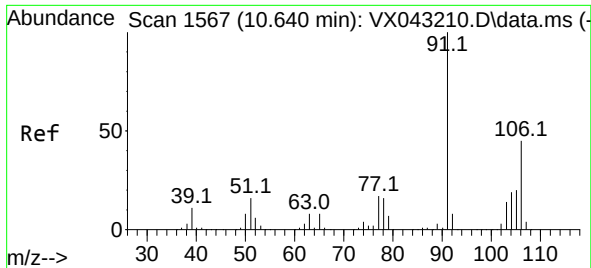
Tgt Ion: 91 Resp: 139973  
Ion Ratio Lower Upper  
91 100  
106 31.0 23.9 35.9



#68  
m/p-Xylenes  
Concen: 100.135 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion:106 Resp: 105715  
Ion Ratio Lower Upper  
106 100  
91 209.1 167.0 250.6

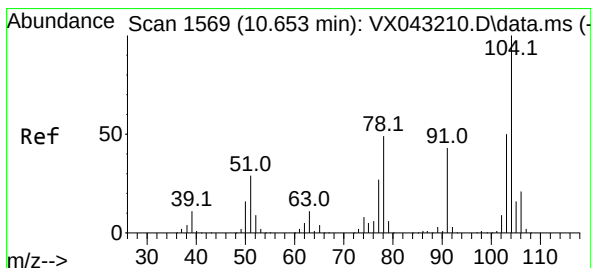
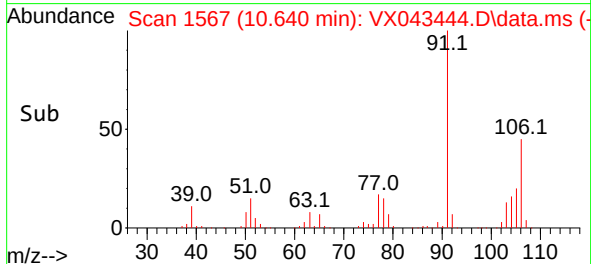
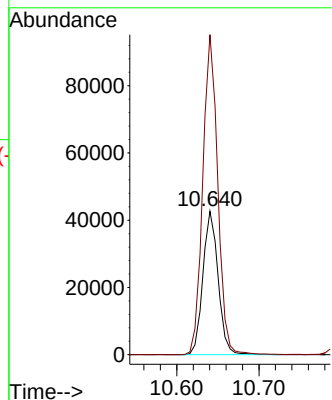
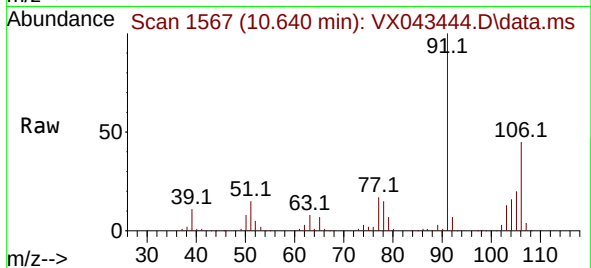




#69  
o-Xylene  
Concen: 52.215 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

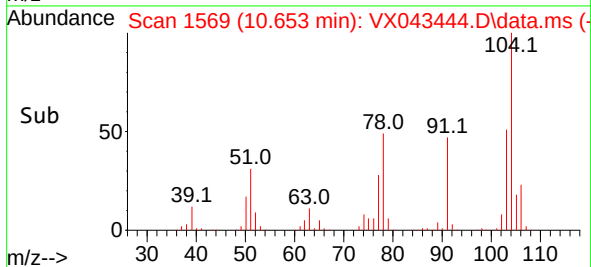
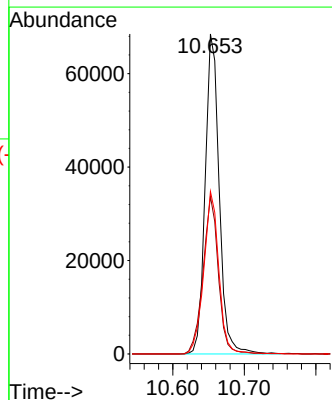
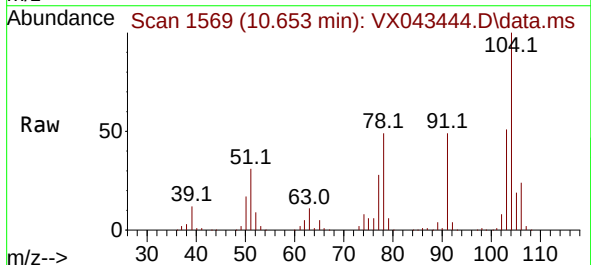
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

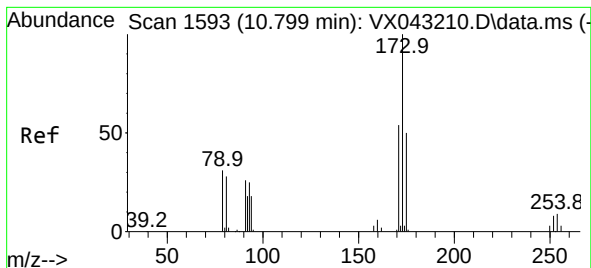
Tgt Ion:106 Resp: 54777  
Ion Ratio Lower Upper  
106 100  
91 220.1 111.6 334.8



#70  
Styrene  
Concen: 55.067 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion:104 Resp: 93621  
Ion Ratio Lower Upper  
104 100  
78 53.8 43.5 65.3  
103 54.5 43.9 65.9





#71

Bromoform

Concen: 46.143 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

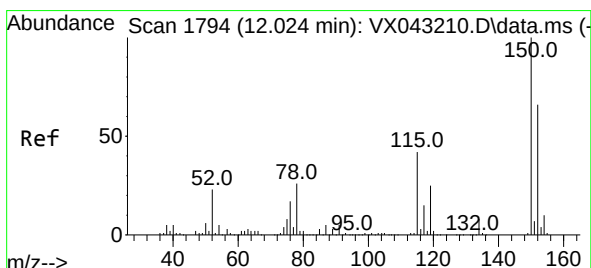
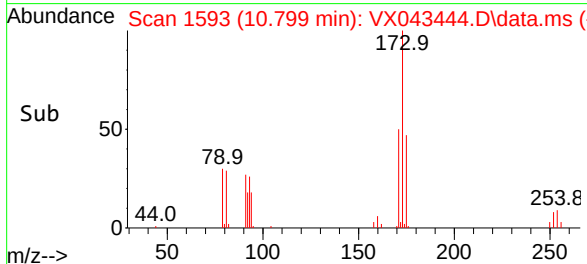
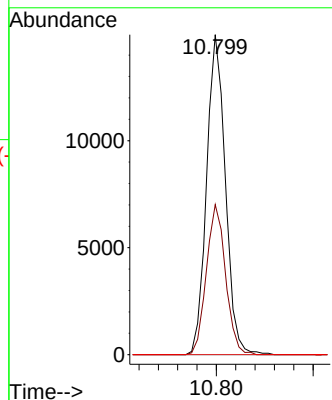
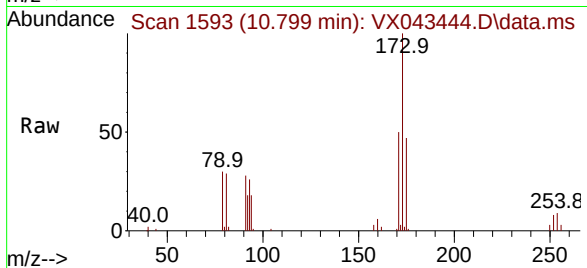
Tgt Ion:173 Resp: 20201

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.9

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

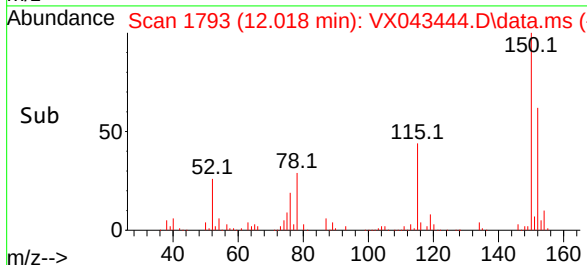
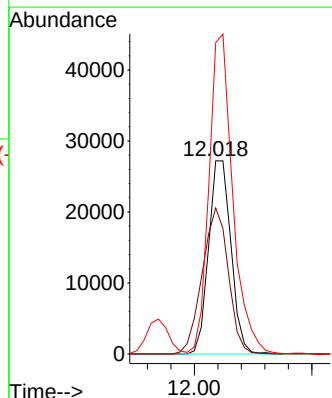
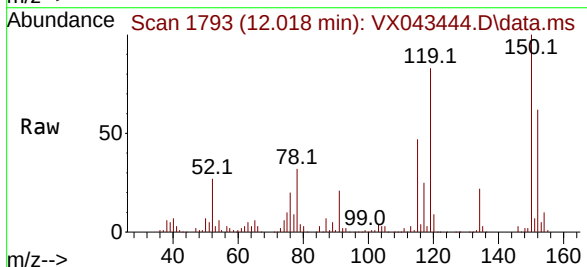
Tgt Ion:152 Resp: 35941

Ion Ratio Lower Upper

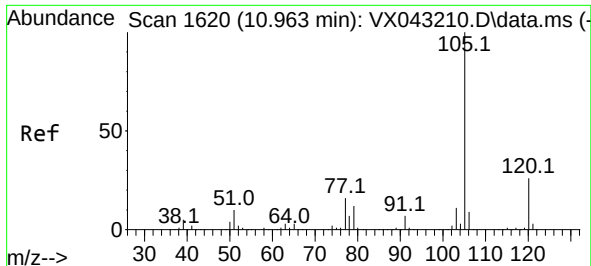
152 100

115 87.9 44.1 132.3

150 175.1 0.0 347.4



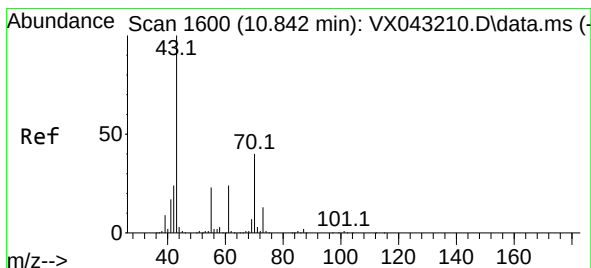
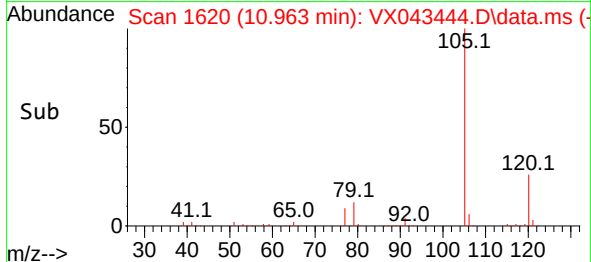
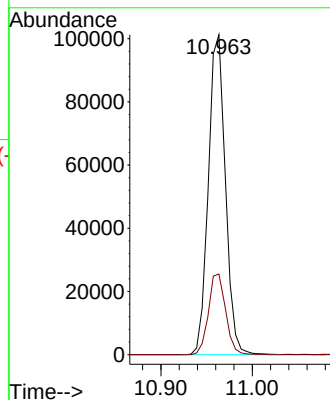
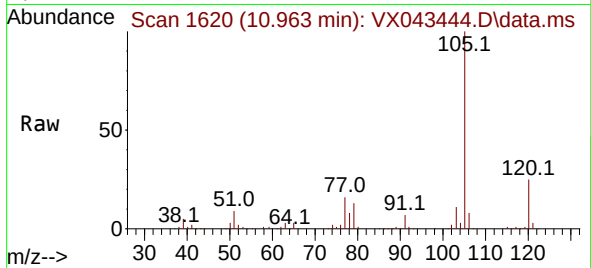




#73  
Isopropylbenzene  
Concen: 46.810 ug/l  
RT: 10.963 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

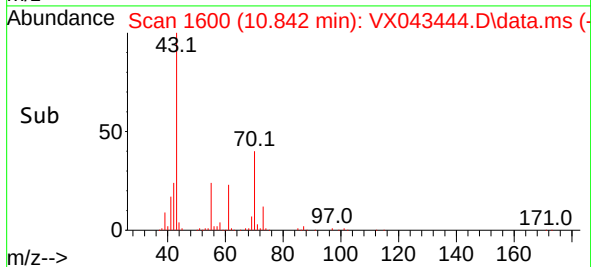
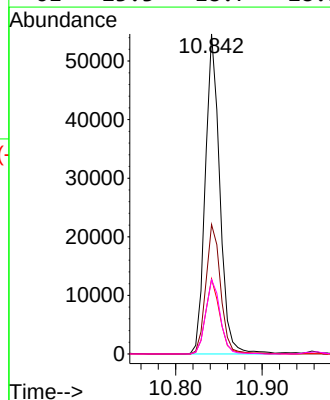
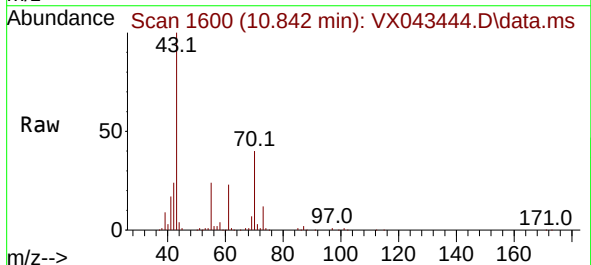
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

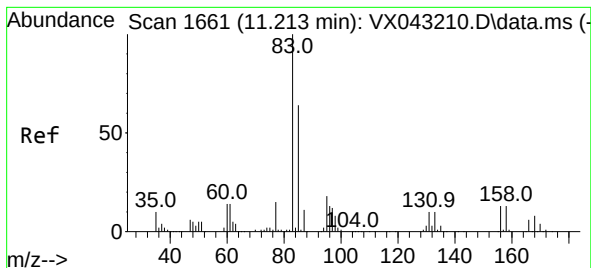
Tgt Ion:105 Resp: 130801  
Ion Ratio Lower Upper  
105 100  
120 25.5 12.9 38.7



#74  
N-ethyl acetate  
Concen: 48.046 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 43 Resp: 63733  
Ion Ratio Lower Upper  
43 100  
70 41.2 33.1 49.7  
55 23.2 18.6 27.8  
61 23.3 18.7 28.1

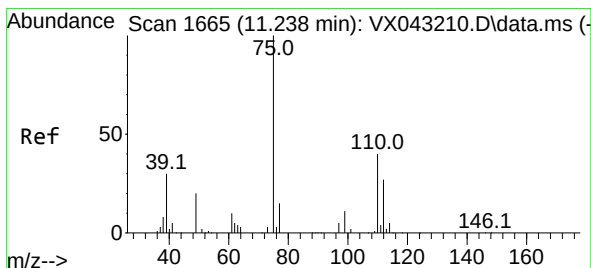
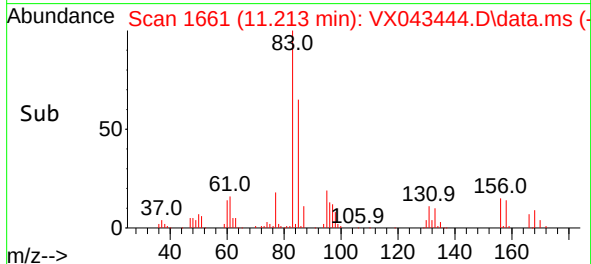
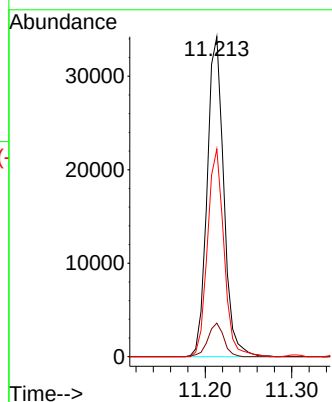
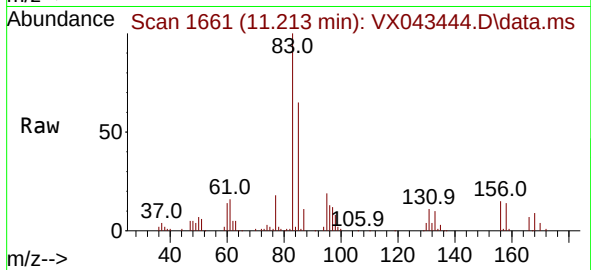




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.136 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

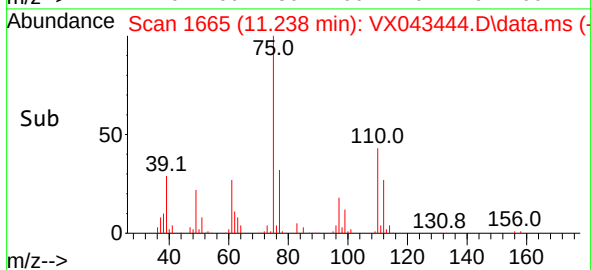
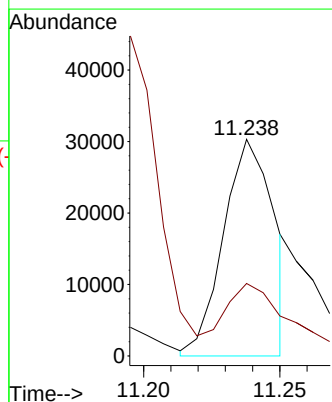
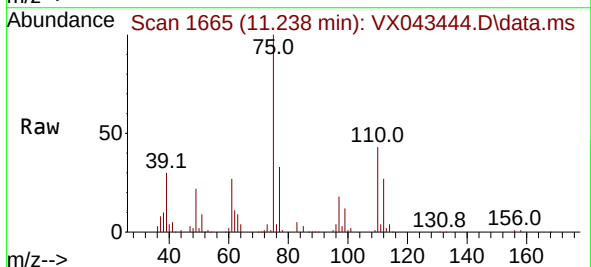
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

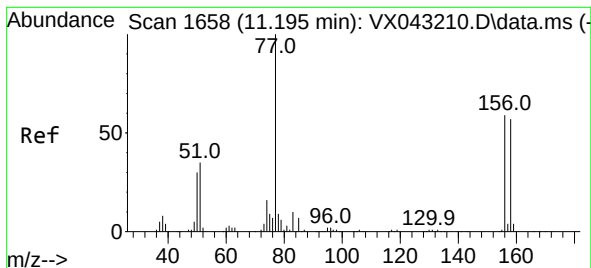
Tgt Ion: 83 Resp: 45639  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.2 15.6  
85 64.4 31.9 95.5



#76  
1,2,3-Trichloropropane  
Concen: 49.093 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 75 Resp: 39137  
Ion Ratio Lower Upper  
75 100  
77 43.5 22.0 66.0





#77

Bromobenzene

Concen: 50.262 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

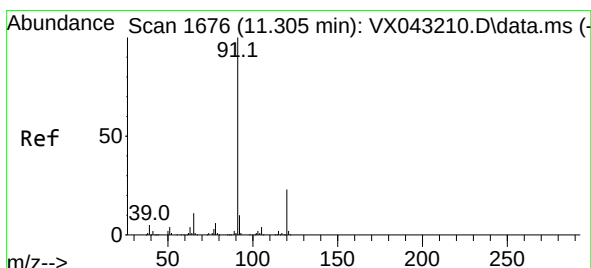
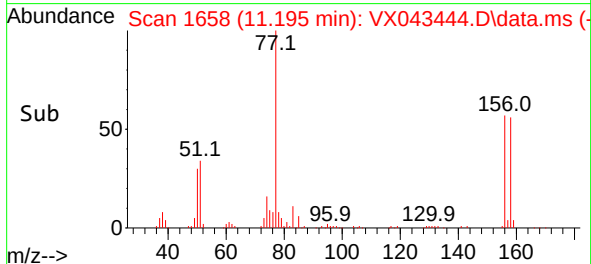
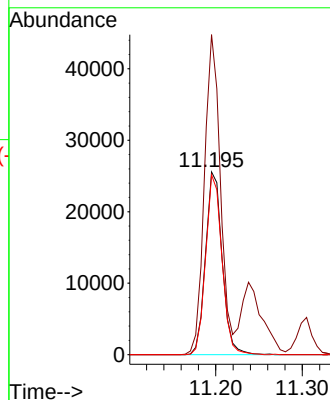
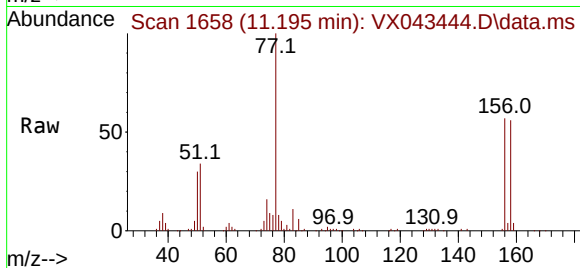
Tgt Ion:156 Resp: 34179

Ion Ratio Lower Upper

156 100

77 167.7 82.0 245.8

158 96.3 48.1 144.3



#78

n-propylbenzene

Concen: 47.145 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043444.D

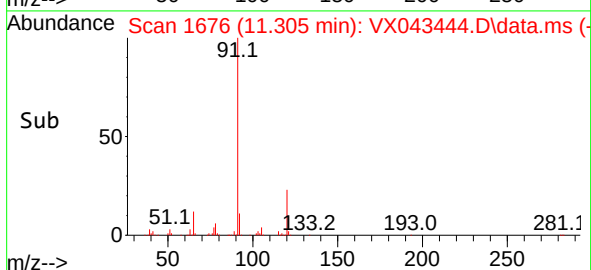
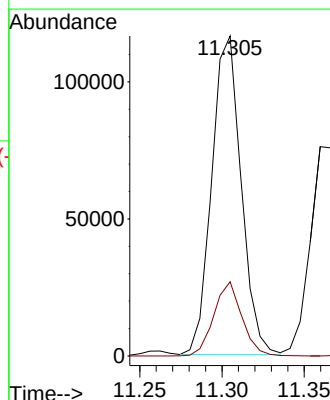
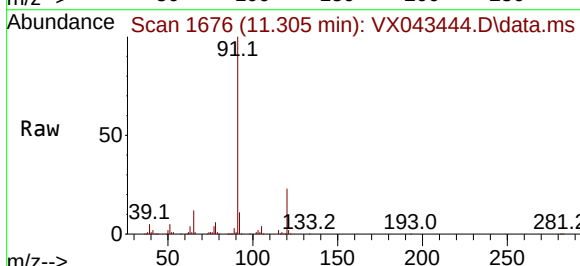
Acq: 18 Oct 2024 19:00

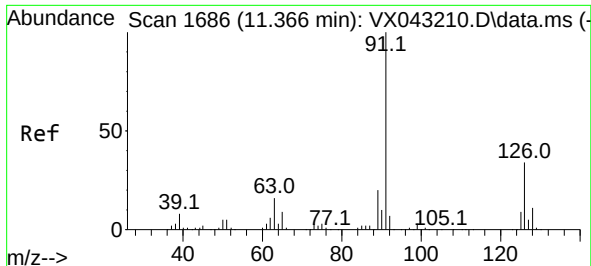
Tgt Ion: 91 Resp: 144620

Ion Ratio Lower Upper

91 100

120 22.3 11.4 34.1





#79

2-Chlorotoluene

Concen: 50.538 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

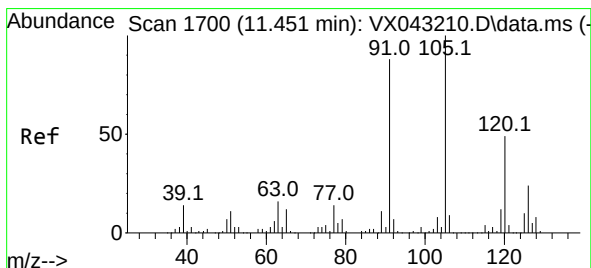
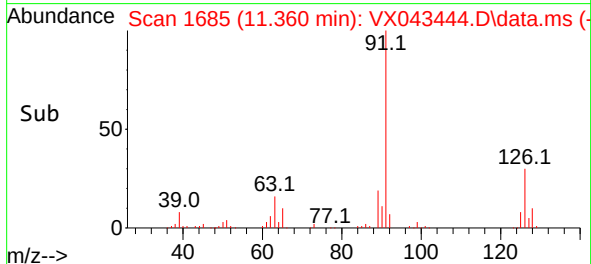
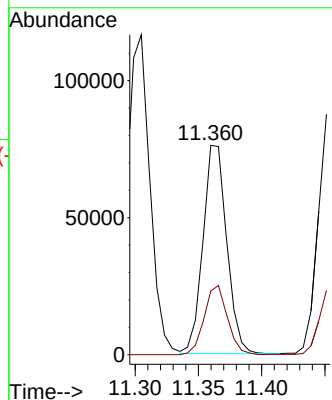
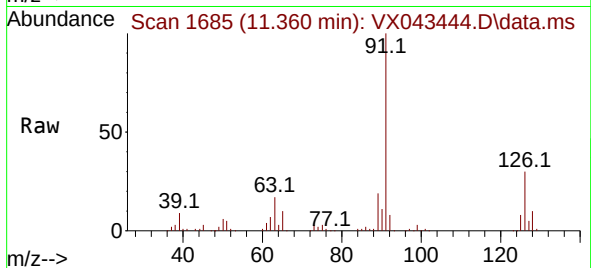
VSTDCCC050EC

Tgt Ion: 91 Resp: 99668

Ion Ratio Lower Upper

91 100

126 32.3 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 49.177 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043444.D

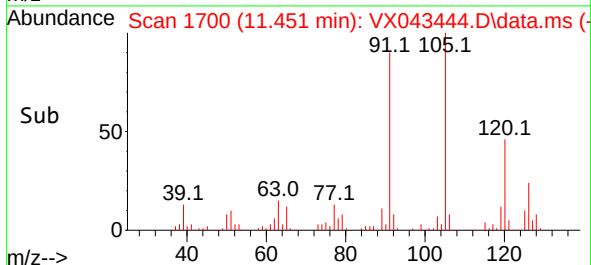
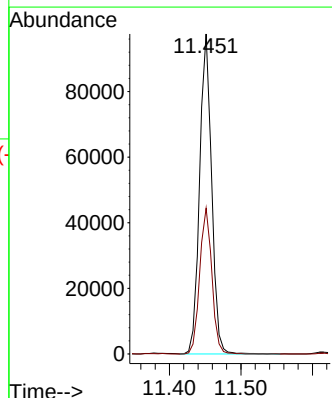
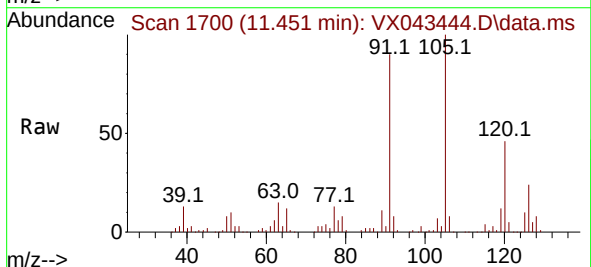
Acq: 18 Oct 2024 19:00

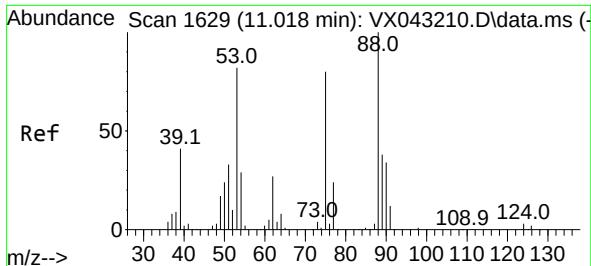
Tgt Ion:105 Resp: 113355

Ion Ratio Lower Upper

105 100

120 46.1 23.9 71.8

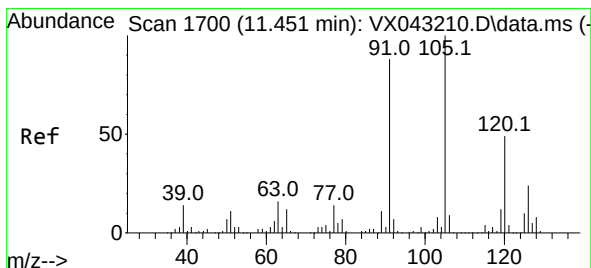
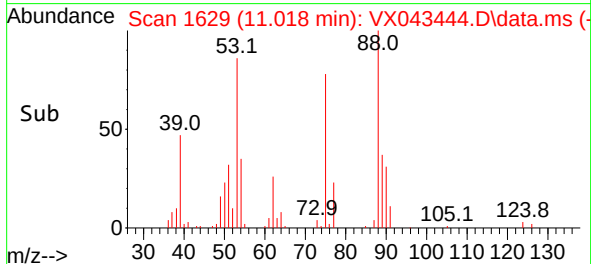
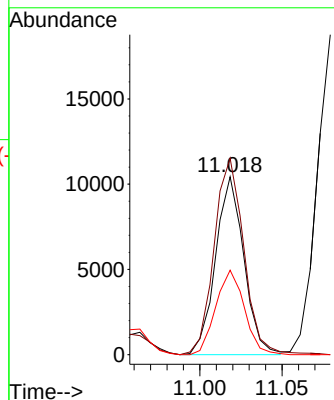
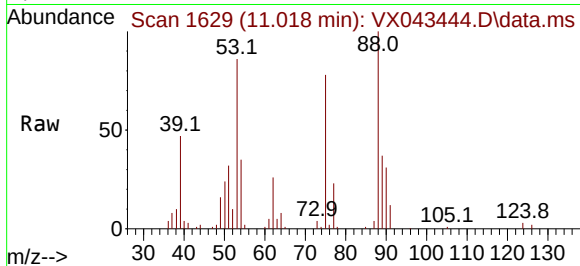




#81  
trans-1,4-Dichloro-2-butene  
Concen: 40.669 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

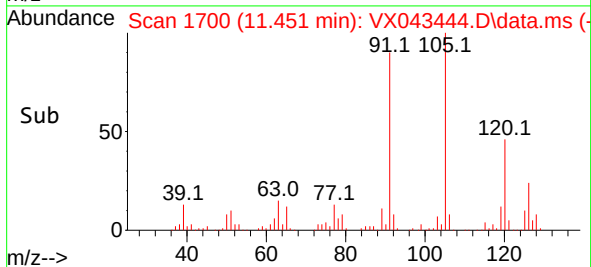
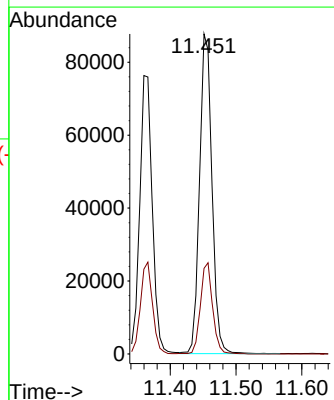
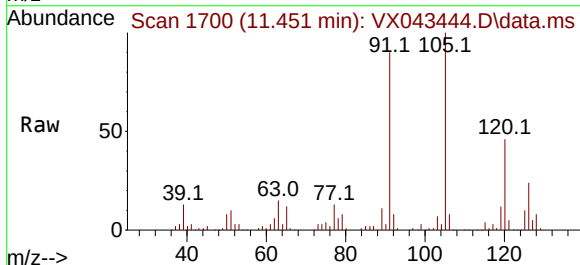
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

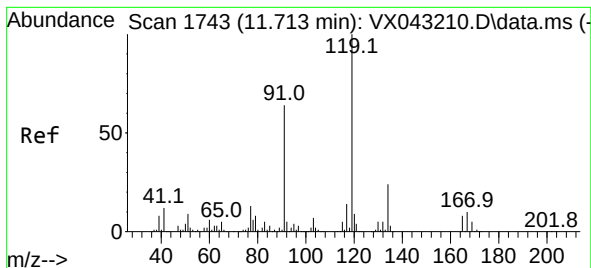
Tgt Ion: 75 Resp: 12510  
Ion Ratio Lower Upper  
75 100  
53 115.9 83.9 125.9  
89 47.8 38.6 58.0



#82  
4-Chlorotoluene  
Concen: 50.982 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion: 91 Resp: 114536  
Ion Ratio Lower Upper  
91 100  
126 28.1 14.1 42.3





#83

tert-Butylbenzene

Concen: 45.480 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

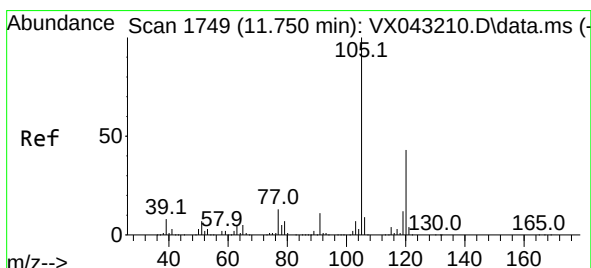
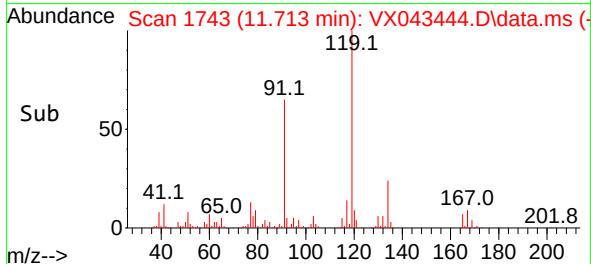
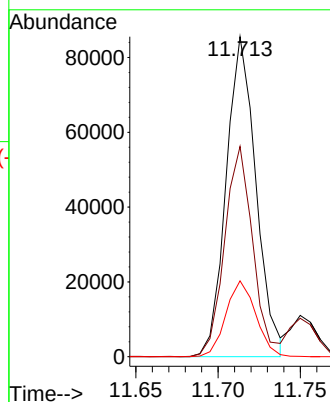
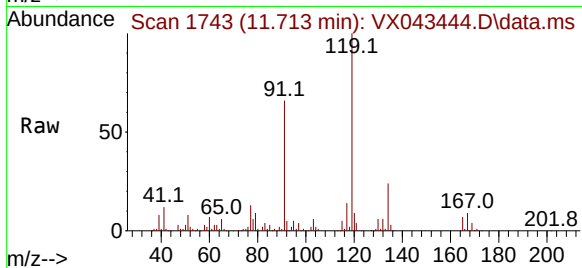
Tgt Ion:119 Resp: 108003

Ion Ratio Lower Upper

119 100

91 62.5 31.0 93.0

134 23.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 50.029 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043444.D

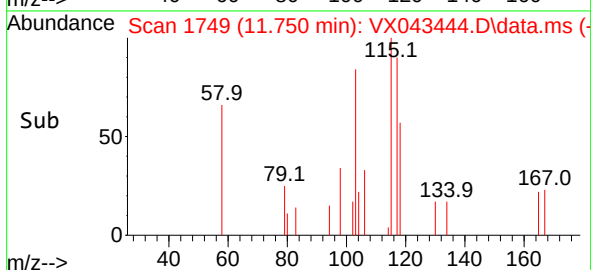
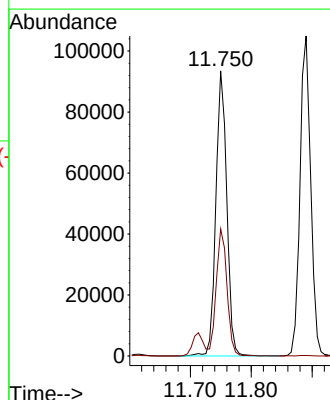
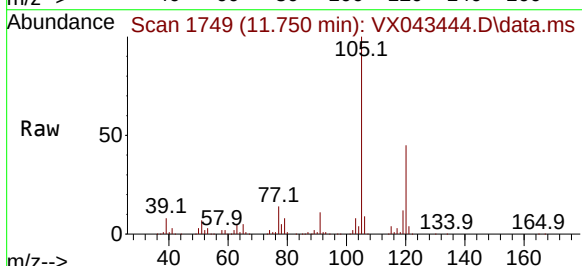
Acq: 18 Oct 2024 19:00

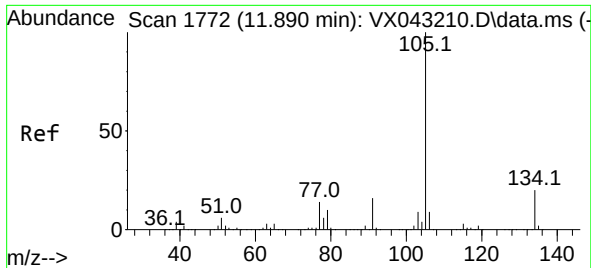
Tgt Ion:105 Resp: 116030

Ion Ratio Lower Upper

105 100

120 44.3 21.2 63.6

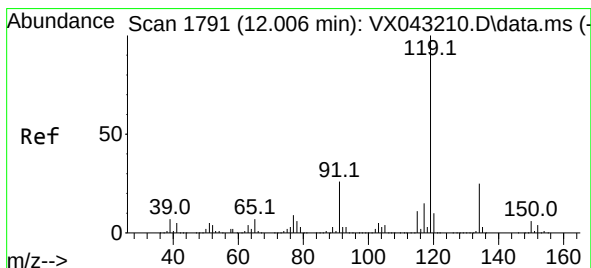
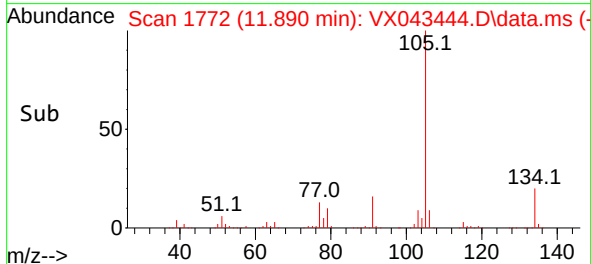
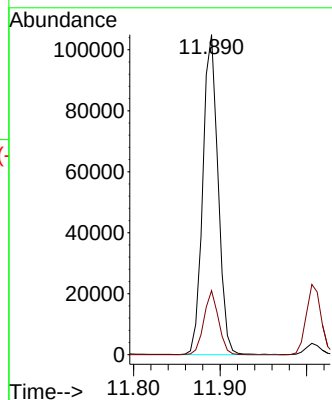
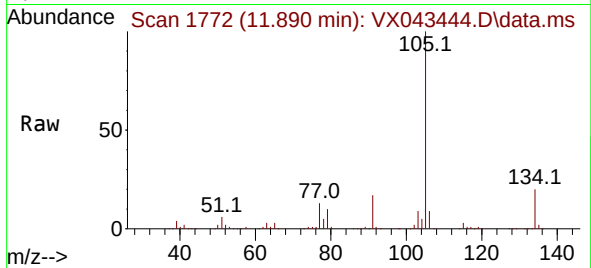




#85  
 sec-Butylbenzene  
 Concen: 45.544 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX043444.D  
 Acq: 18 Oct 2024 19:00

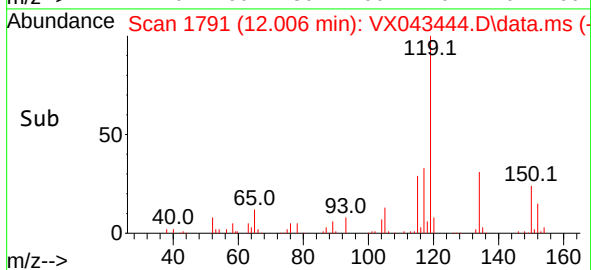
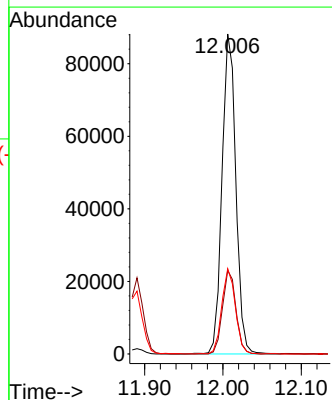
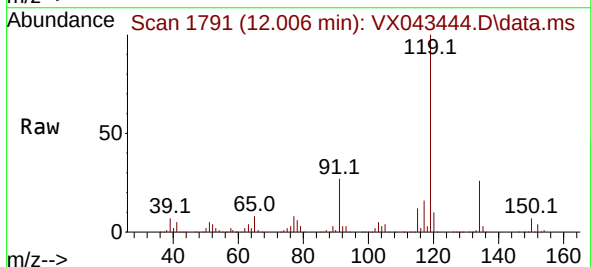
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

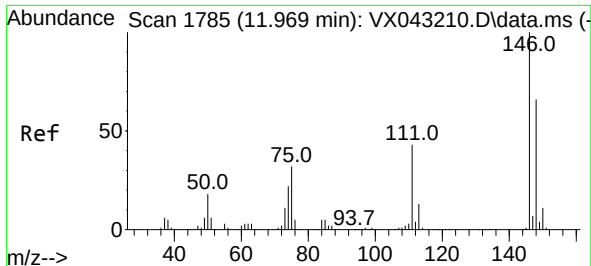
Tgt Ion:105 Resp: 128213  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 46.163 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX043444.D  
 Acq: 18 Oct 2024 19:00

Tgt Ion:119 Resp: 108424  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 13.0 38.9  
 91 26.3 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 50.960 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

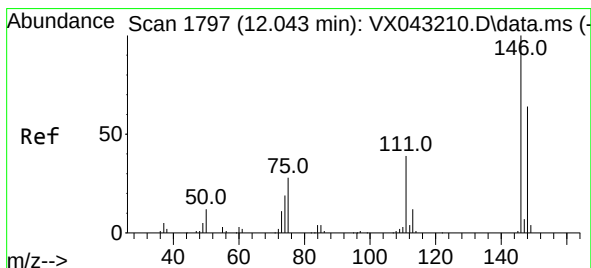
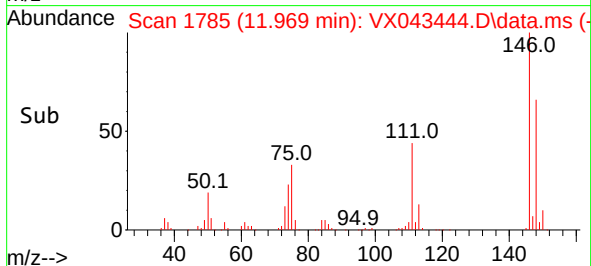
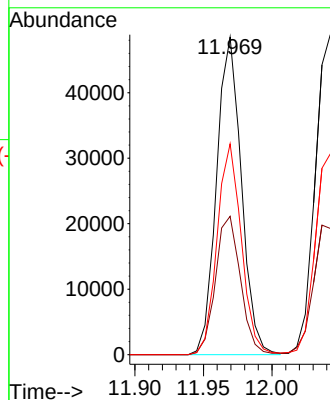
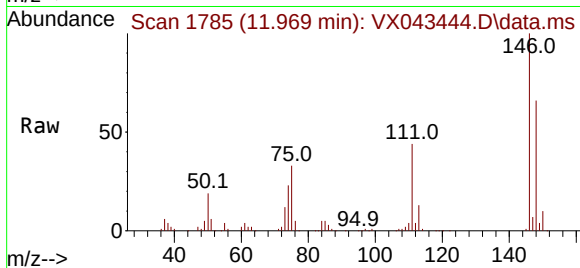
Tgt Ion:146 Resp: 61044

Ion Ratio Lower Upper

146 100

111 44.1 21.8 65.3

148 64.9 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 49.537 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

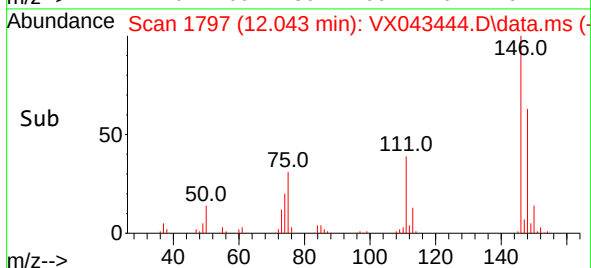
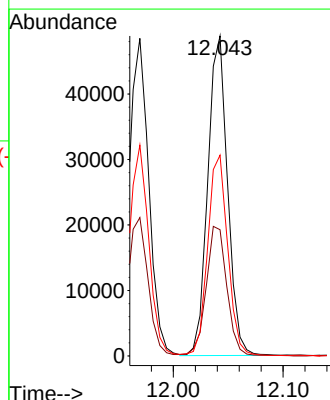
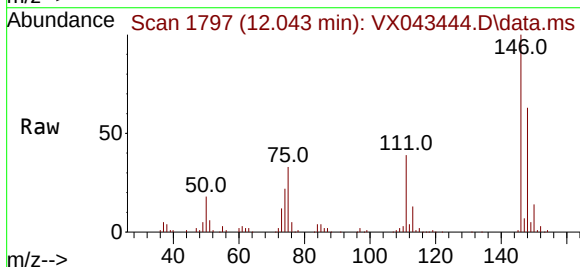
Tgt Ion:146 Resp: 61178

Ion Ratio Lower Upper

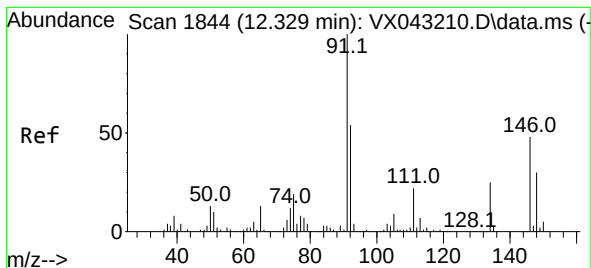
146 100

111 42.8 20.8 62.5

148 63.6 32.4 97.0







#89

n-Butylbenzene

Concen: 45.225 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

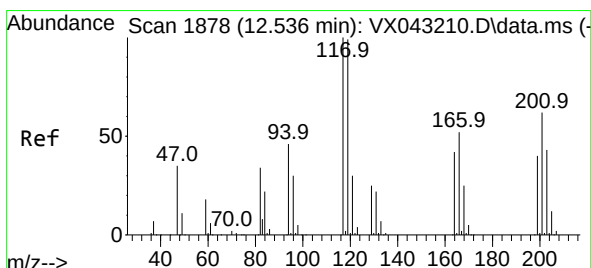
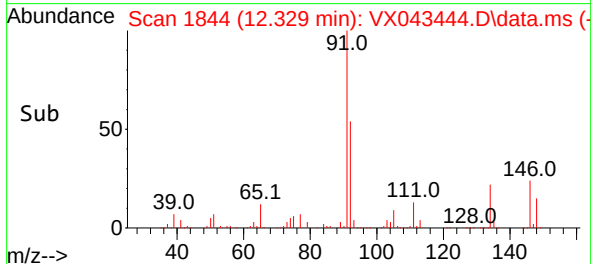
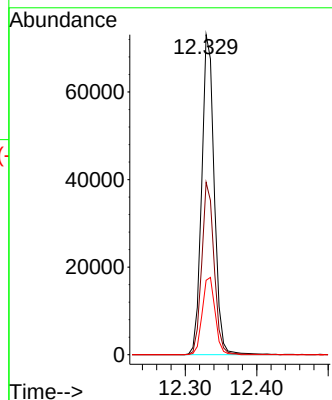
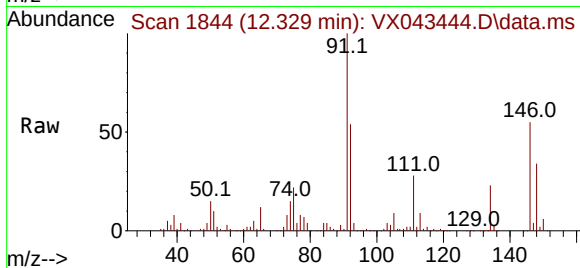
Tgt Ion: 91 Resp: 88928

Ion Ratio Lower Upper

91 100

92 53.3 27.0 81.0

134 24.8 12.9 38.6



#90

Hexachloroethane

Concen: 41.241 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043444.D

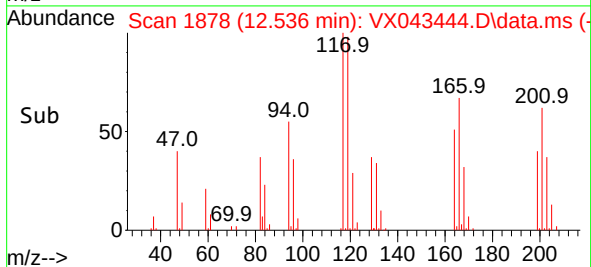
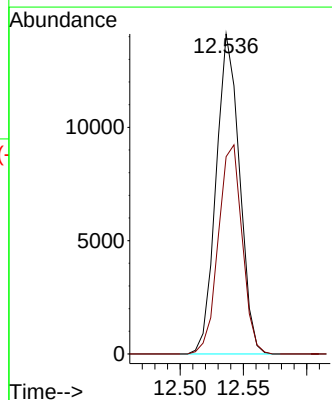
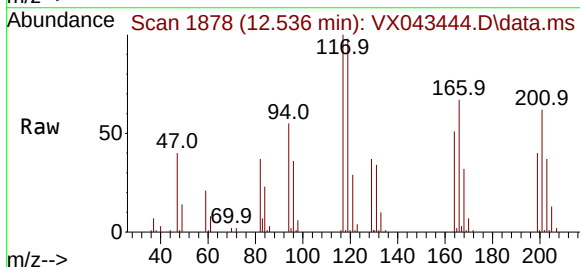
Acq: 18 Oct 2024 19:00

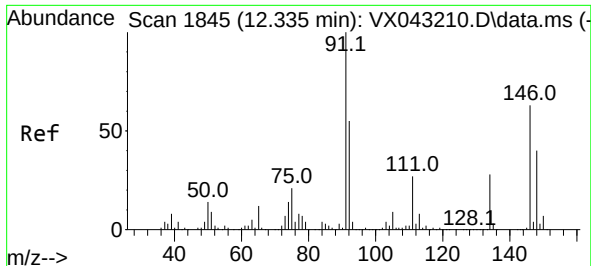
Tgt Ion: 117 Resp: 18166

Ion Ratio Lower Upper

117 100

201 66.5 34.0 101.8

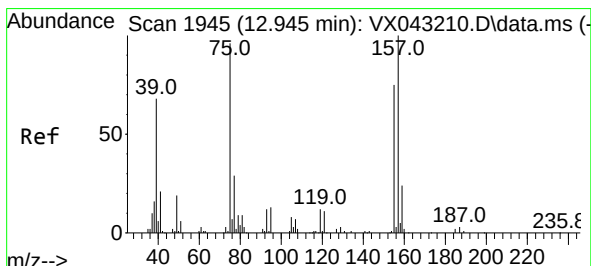
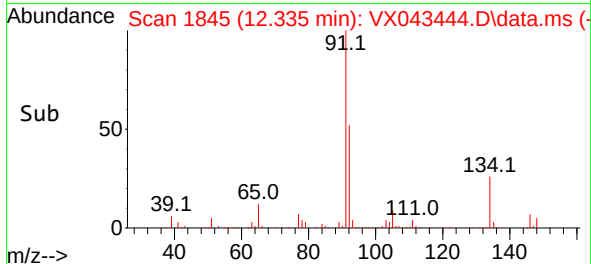
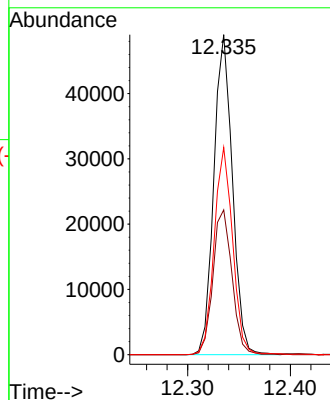
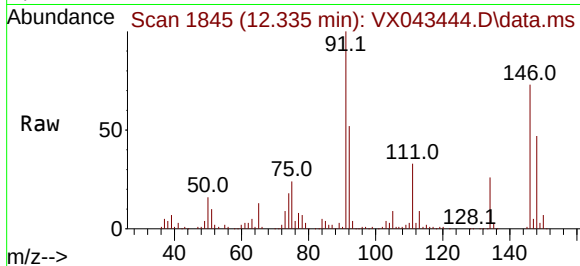




#91  
 1,2-Dichlorobenzene  
 Concen: 50.203 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX043444.D  
 Acq: 18 Oct 2024 19:00

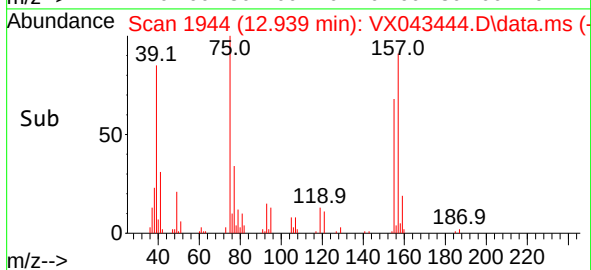
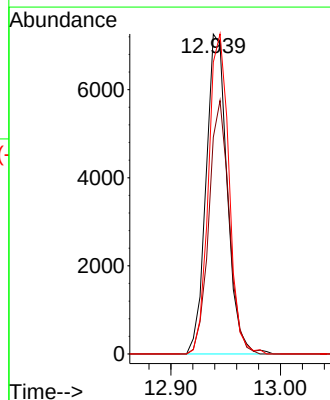
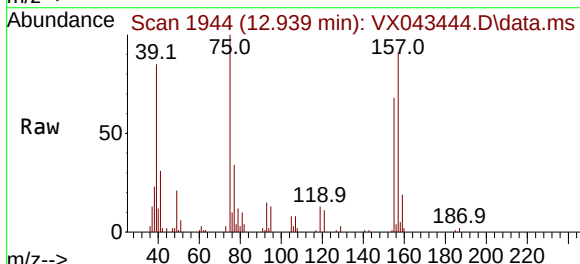
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 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

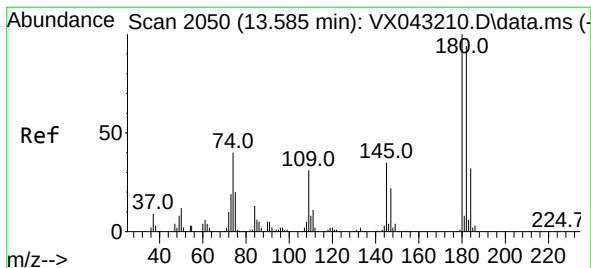
Tgt Ion:146 Resp: 61501  
 Ion Ratio Lower Upper  
 146 100  
 111 46.4 21.9 65.5  
 148 64.4 31.9 95.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 43.698 ug/l  
 RT: 12.939 min Scan# 1944  
 Delta R.T. -0.006 min  
 Lab File: VX043444.D  
 Acq: 18 Oct 2024 19:00

Tgt Ion: 75 Resp: 9712  
 Ion Ratio Lower Upper  
 75 100  
 155 76.0 38.8 116.4  
 157 96.9 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 49.925 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

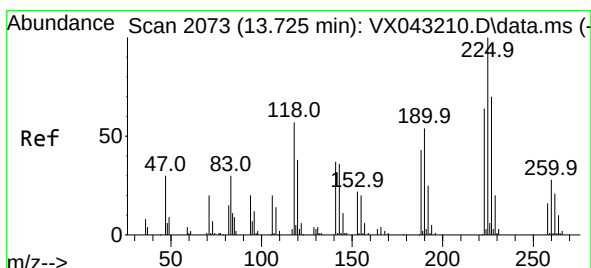
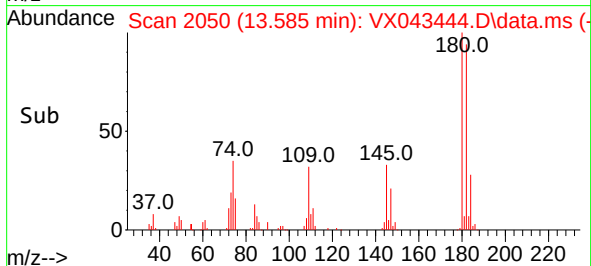
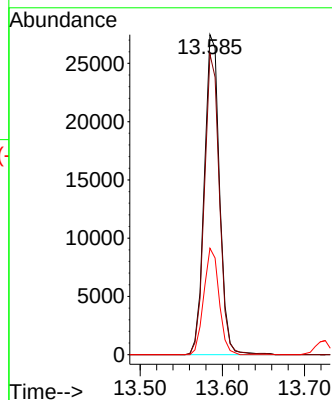
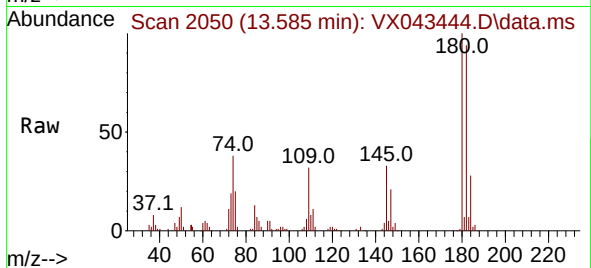
Tgt Ion:180 Resp: 35259

Ion Ratio Lower Upper

180 100

182 92.4 47.1 141.3

145 33.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 44.926 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX043444.D

Acq: 18 Oct 2024 19:00

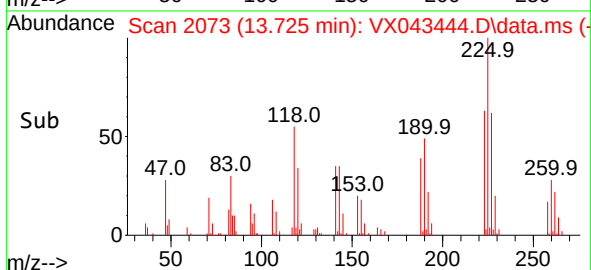
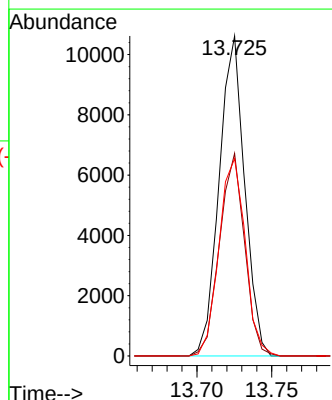
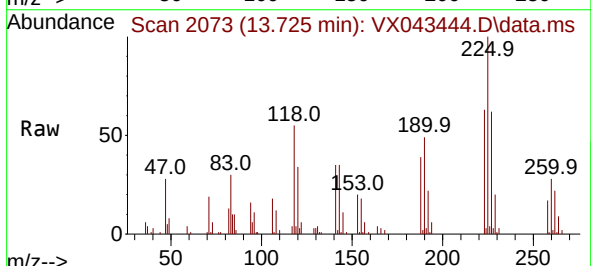
Tgt Ion:225 Resp: 12578

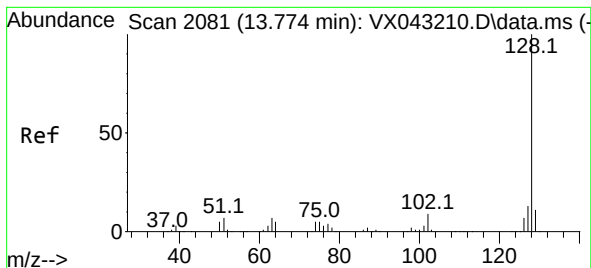
Ion Ratio Lower Upper

225 100

223 62.2 30.8 92.4

227 63.7 32.2 96.6

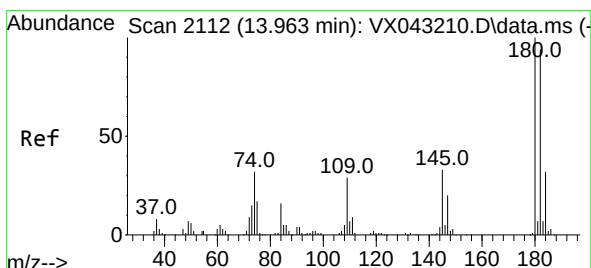
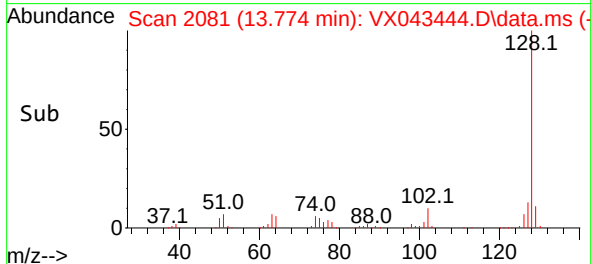
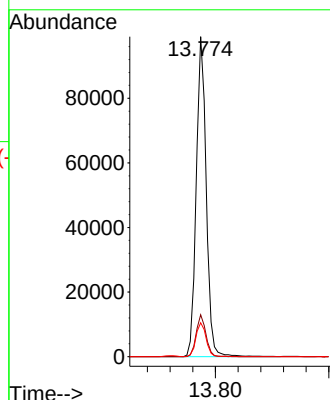
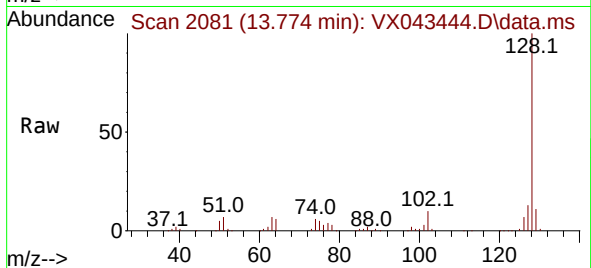




#95  
Naphthalene  
Concen: 46.429 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 120541  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.2  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 48.691 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX043444.D  
Acq: 18 Oct 2024 19:00

Tgt Ion:180 Resp: 35480  
Ion Ratio Lower Upper  
180 100  
182 97.0 46.5 139.3  
145 35.7 17.2 51.6

