

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052622\  
 Data File : VX029014.D  
 Acq On : 26 May 2022 21:05  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 27 07:37:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 258354   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 422106   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 388313   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 207382   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 159790   | 45.120   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 90.240%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 135293   | 48.920   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 97.840%  |
| 50) Toluene-d8               | 8.653  | 98    | 483453   | 46.367   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 92.740%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 198534   | 50.979   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 101.960% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 145333   | 42.961   | ug/l   | 100      |
| 3) Chloromethane             | 1.288  | 50    | 127020   | 39.870   | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374  | 62    | 138883   | 40.452   | ug/l   | 99       |
| 5) Bromomethane              | 1.599  | 94    | 111702   | 45.513   | ug/l   | 98       |
| 6) Chloroethane              | 1.678  | 64    | 93224    | 42.788   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 228718   | 41.784   | ug/l   | 96       |
| 8) Diethyl Ether             | 2.136  | 74    | 88563    | 44.403   | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 134445   | 46.675   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.453  | 142   | 117312   | 34.018   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 2.995  | 59    | 165275   | 218.915  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 123032   | 46.013   | ug/l   | 98       |
| 13) Acrolein                 | 2.233  | 56    | 41516    | 71.421   | ug/l   | 97       |
| 14) Allyl chloride           | 2.666  | 41    | 199743   | 46.576   | ug/l   | 95       |
| 15) Acrylonitrile            | 3.062  | 53    | 407491   | 238.819  | ug/l   | 100      |
| 16) Acetone                  | 2.380  | 43    | 341763   | 224.859  | ug/l   | 94       |
| 17) Carbon Disulfide         | 2.508  | 76    | 251708   | 36.315   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 194203   | 51.015   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 487705   | 51.399   | ug/l   | 100      |
| 20) Methylene Chloride       | 2.788  | 84    | 149730   | 46.957   | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 135822   | 45.096   | ug/l   | 100      |
| 22) Diisopropyl ether        | 3.763  | 45    | 447694   | 48.851   | ug/l   | 94       |
| 23) Vinyl Acetate            | 3.721  | 43    | 1885898  | 238.707  | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 259961   | 48.793   | ug/l   | 99       |
| 25) 2-Butanone               | 4.556  | 43    | 553415   | 231.967  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 193475   | 46.315   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 169582   | 48.209   | ug/l   | 96       |
| 28) Bromochloromethane       | 4.897  | 49    | 98362    | 43.861   | ug/l   | 97       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 356192   | 229.688  | ug/l   | 95       |
| 30) Chloroform               | 5.092  | 83    | 284997   | 49.427   | ug/l   | 98       |
| 31) Cyclohexane              | 5.477  | 56    | 207838   | 42.280   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 251608   | 49.984   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 193604   | 46.608   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.714  | 43    | 212108   | 48.888   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 214685   | 51.356   | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.385  | 83    | 228967   | 48.065   | ug/l   | 98       |
| 40) Benzene                  | 6.043  | 78    | 585319   | 49.030   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052622\  
 Data File : VX029014.D  
 Acq On : 26 May 2022 21:05  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: May 27 07:37:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 118774   | 51.058  | ug/l  | 94       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 219245   | 49.789  | ug/l  | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 340534   | 50.170  | ug/l  | 98       |
| 44) Trichloroethene           | 7.129  | 130  | 164227   | 50.724  | ug/l  | 99       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 152470   | 51.190  | ug/l  | 98       |
| 46) Dibromomethane            | 7.586  | 93   | 109545   | 49.248  | ug/l  | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 219379   | 53.123  | ug/l  | 97       |
| 48) Methyl methacrylate       | 7.696  | 41   | 165995   | 50.626  | ug/l  | 94       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 76229    | 930.613 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1113274  | 249.005 | ug/l  | 97       |
| 52) Toluene                   | 8.720  | 92   | 386498   | 50.329  | ug/l  | 97       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 225108   | 47.441  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 244857   | 52.694  | ug/l  | 93       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 164906   | 52.661  | ug/l  | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 258364   | 54.483  | ug/l  | 94       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 274751   | 52.020  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 586085   | 252.441 | ug/l  | 97       |
| 59) 2-Hexanone                | 9.433  | 43   | 857760   | 246.940 | ug/l  | 95       |
| 60) Dibromochloromethane      | 9.525  | 129  | 172373   | 56.441  | ug/l  | 95       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 170987   | 51.988  | ug/l  | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 150649   | 51.374  | ug/l  | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 427042   | 51.839  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 165514   | 56.719  | ug/l  | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 751062   | 50.866  | ug/l  | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 585287   | 101.814 | ug/l  | 100      |
| 69) o-Xylene                  | 10.646 | 106  | 291896   | 51.574  | ug/l  | 99       |
| 70) Styrene                   | 10.659 | 104  | 498130   | 54.197  | ug/l  | 98       |
| 71) Bromoform                 | 10.799 | 173  | 123629   | 51.082  | ug/l  | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 773398   | 49.177  | ug/l  | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 296613   | 47.979  | ug/l  | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 265774   | 49.260  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 280172   | 57.688  | ug/l  | 87       |
| 77) Bromobenzene              | 11.201 | 156  | 189844   | 51.018  | ug/l  | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 876866   | 48.202  | ug/l  | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 548340   | 49.179  | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 664624   | 50.718  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 58803    | 37.194  | ug/l  | 90       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 628065   | 48.726  | ug/l  | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 674981   | 53.199  | ug/l  | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 666430   | 50.714  | ug/l  | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 810810   | 51.807  | ug/l  | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 698744   | 53.207  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 368884   | 50.541  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 369014   | 48.743  | ug/l  | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 585067   | 51.418  | ug/l  | 99       |
| 90) Hexachloroethane          | 12.542 | 117  | 108710   | 51.188  | ug/l  | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 368547   | 51.401  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 59311    | 51.484  | ug/l  | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 232291   | 56.093  | ug/l  | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 95906    | 57.006  | ug/l  | 93       |
| 95) Naphthalene               | 13.774 | 128  | 835396   | 56.689  | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 232779   | 55.966  | ug/l  | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052622\  
Data File : VX029014.D  
Acq On : 26 May 2022 21:05  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

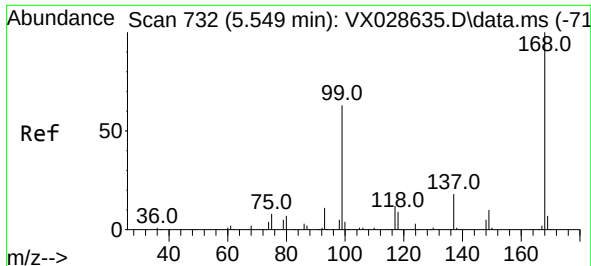
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: May 27 07:37:45 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
Response via : Initial Calibration

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

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

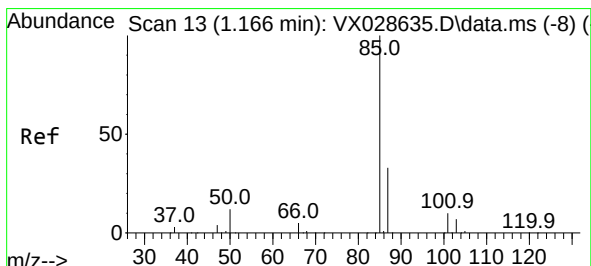
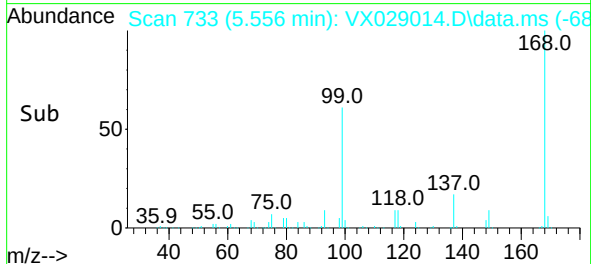
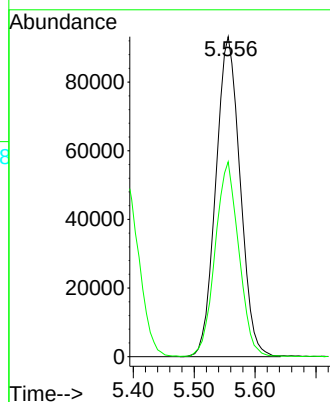
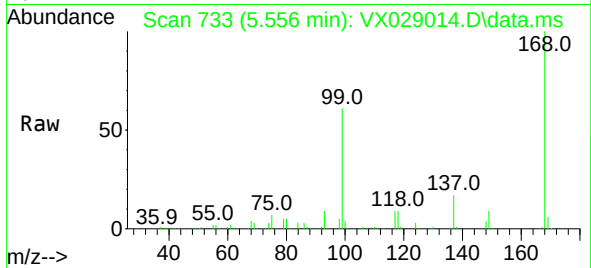




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

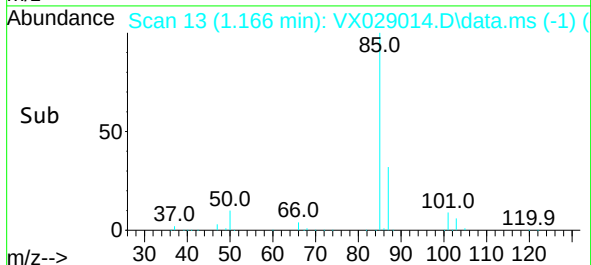
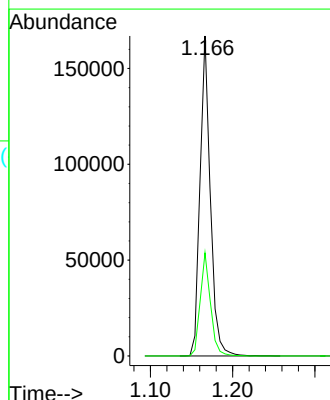
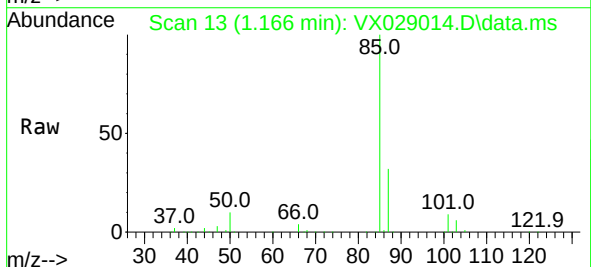
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

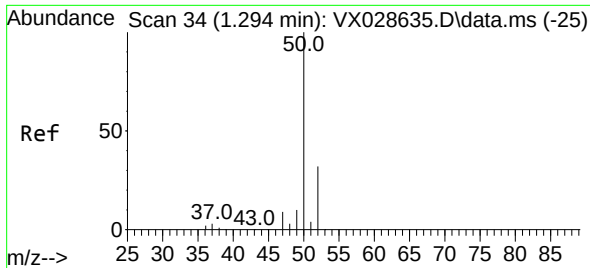
Tgt Ion:168 Resp: 258354  
Ion Ratio Lower Upper  
168 100  
99 60.8 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 42.961 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 85 Resp: 145333  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.2 48.6

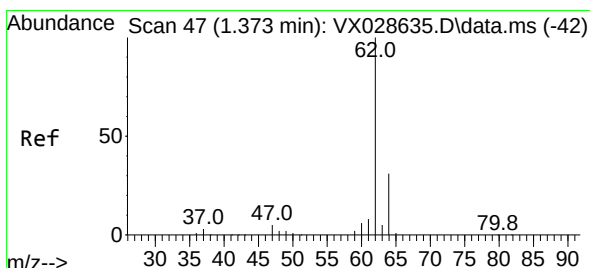
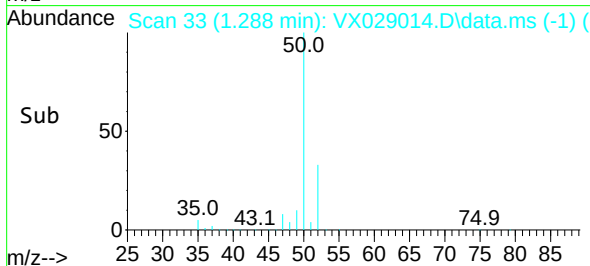
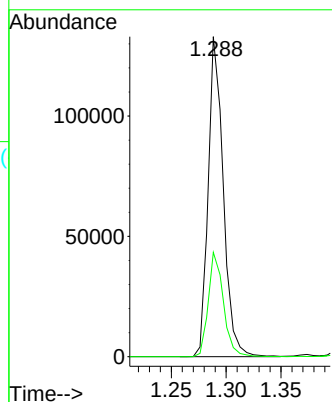
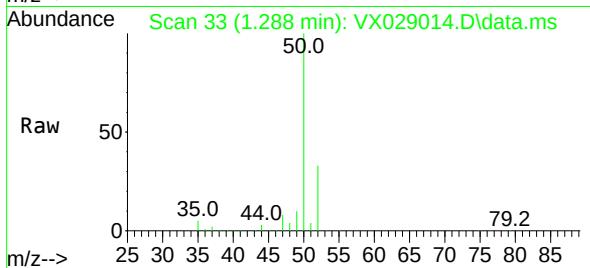




#3  
Chloromethane  
Concen: 39.870 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

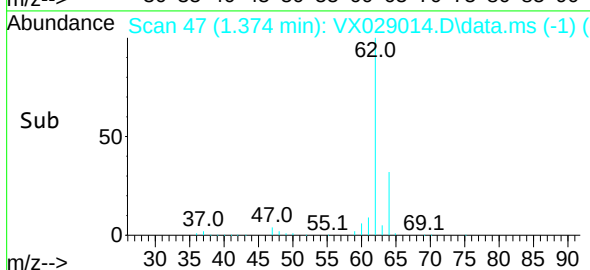
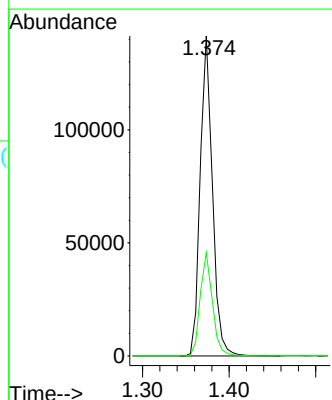
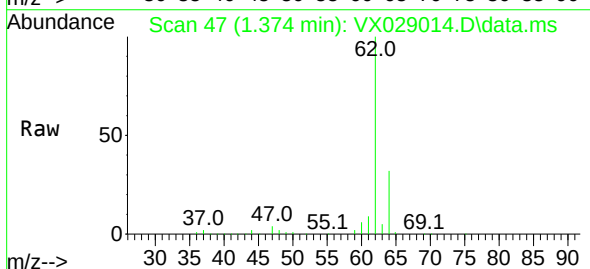
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

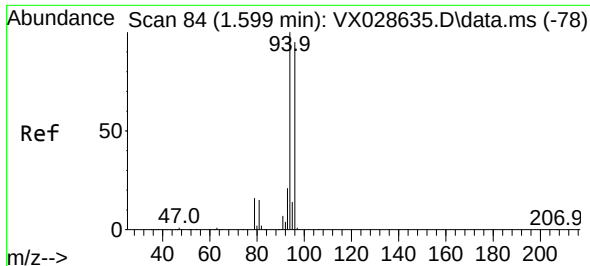
Tgt Ion: 50 Resp: 127020  
Ion Ratio Lower Upper  
50 100  
52 32.6 26.4 39.6



#4  
Vinyl Chloride  
Concen: 40.452 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 62 Resp: 138883  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.5 38.3

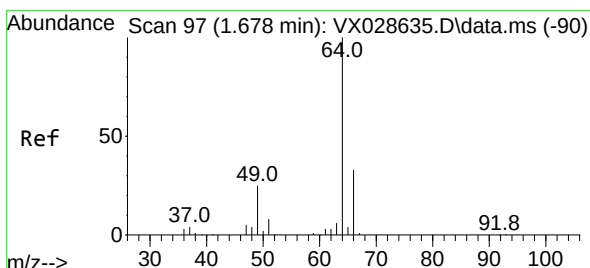
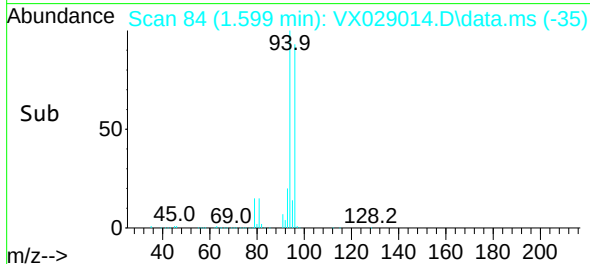
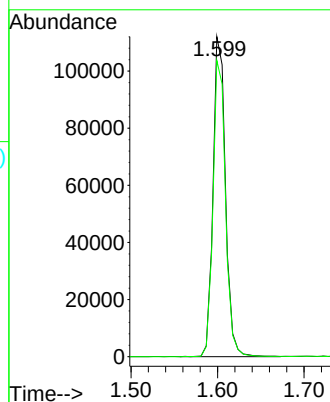
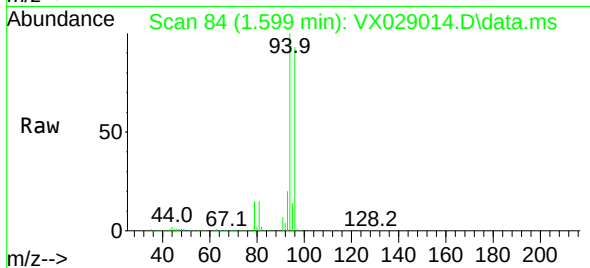




#5  
Bromomethane  
Concen: 45.513 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

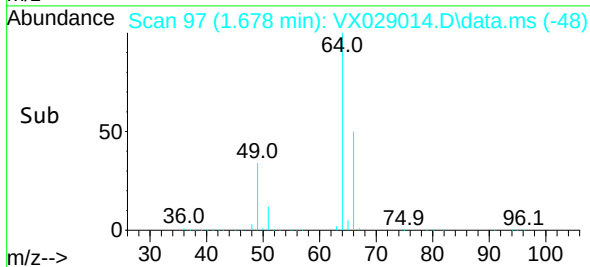
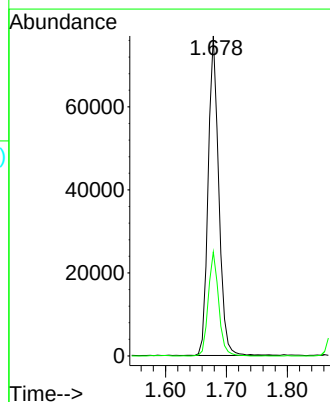
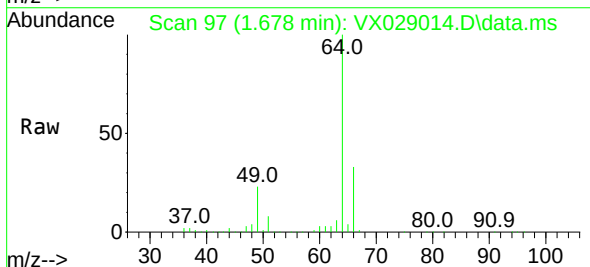
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

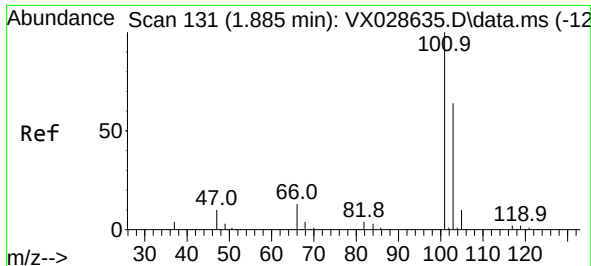
Tgt Ion: 94 Resp: 111702  
Ion Ratio Lower Upper  
94 100  
96 92.6 75.3 112.9



#6  
Chloroethane  
Concen: 42.788 ug/l  
RT: 1.678 min Scan# 97  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 64 Resp: 93224  
Ion Ratio Lower Upper  
64 100  
66 32.6 25.3 37.9

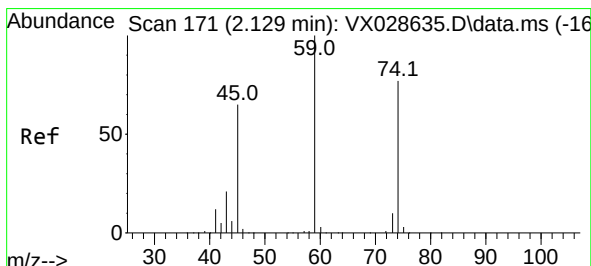
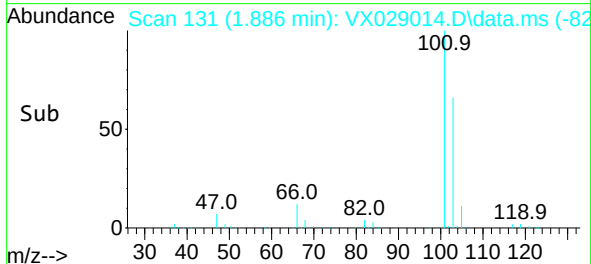
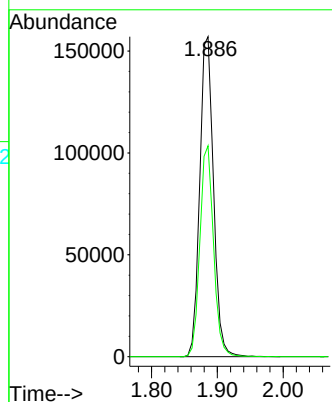
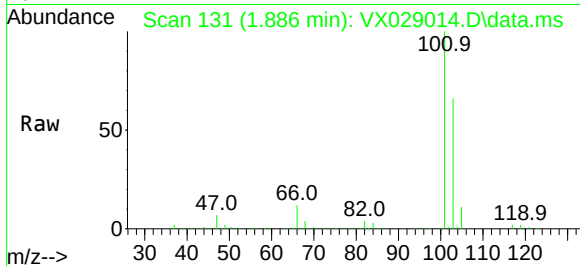




#7  
 Trichlorofluoromethane  
 Concen: 41.784 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.001 min  
 Lab File: VX029014.D  
 Acq: 26 May 2022 21:05

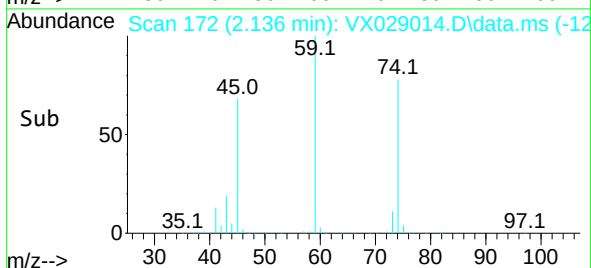
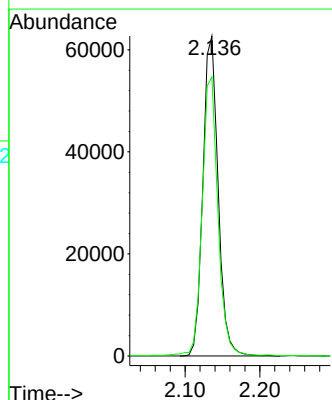
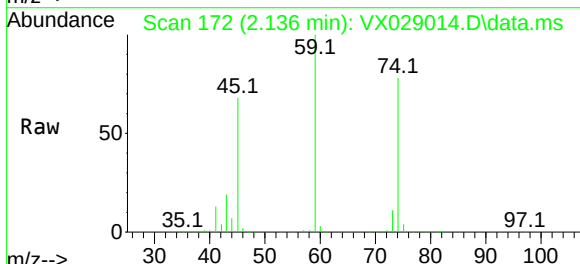
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 228718  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 50.5 75.7

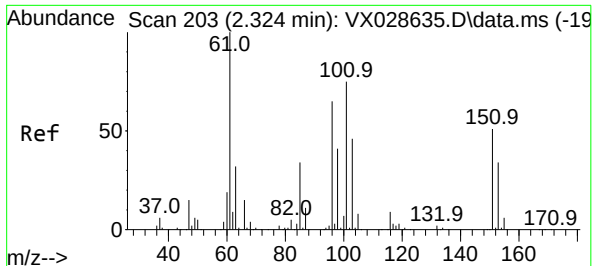


#8  
 Diethyl Ether  
 Concen: 44.403 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.007 min  
 Lab File: VX029014.D  
 Acq: 26 May 2022 21:05

Tgt Ion: 74 Resp: 88563  
 Ion Ratio Lower Upper  
 74 100  
 45 90.0 42.0 126.0



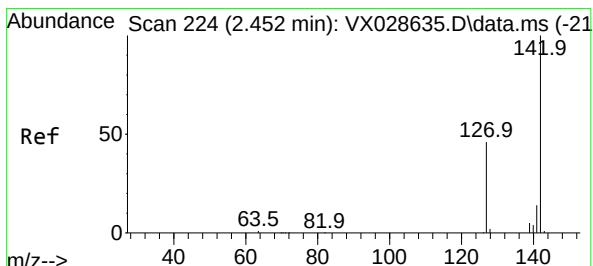
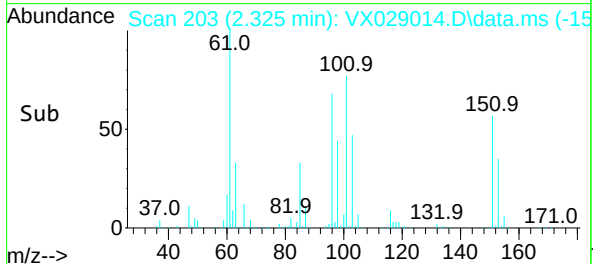
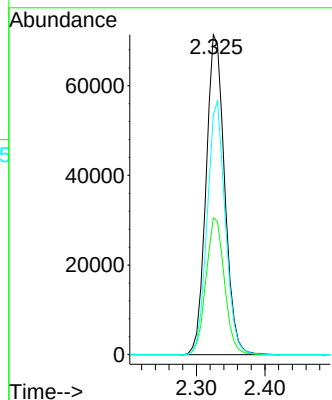
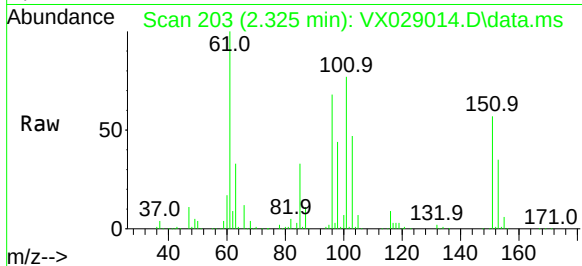




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.675 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

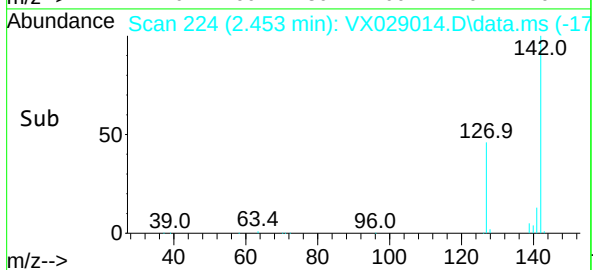
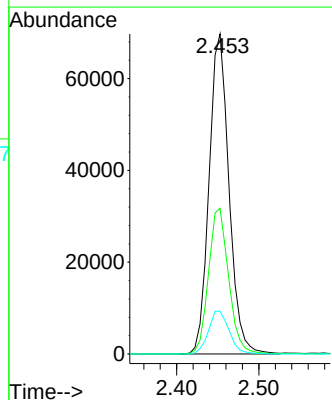
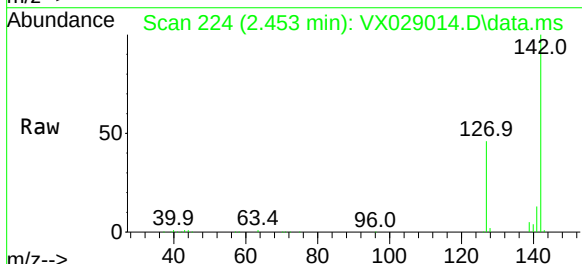
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

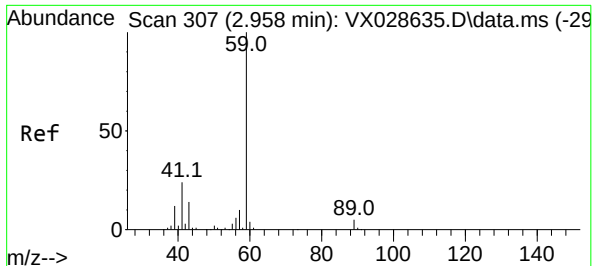
Tgt Ion:101 Resp: 134445  
Ion Ratio Lower Upper  
101 100  
85 42.7 33.5 50.3  
151 77.1 61.8 92.6



#10  
Methyl Iodide  
Concen: 34.018 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion:142 Resp: 117312  
Ion Ratio Lower Upper  
142 100  
127 46.1 33.9 50.9  
141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 218.915 ug/l

RT: 2.995 min Scan# 31

Delta R.T. 0.037 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

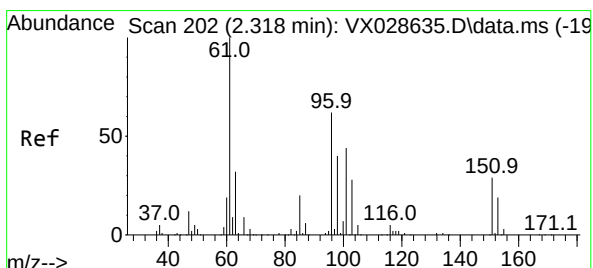
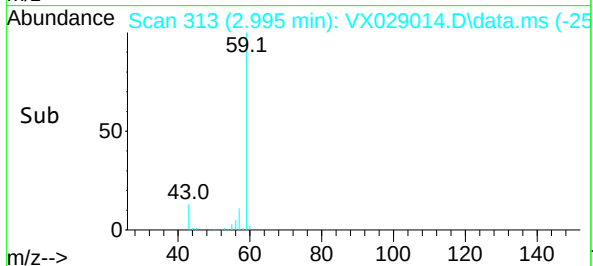
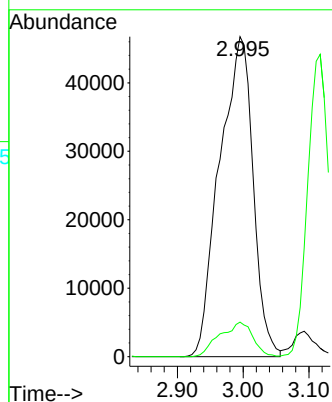
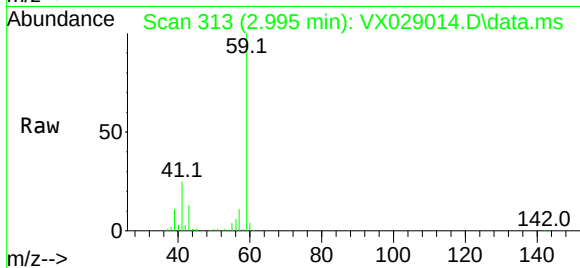
VSTDCCC050EC

Tgt Ion: 59 Resp: 165275

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



#12

1,1-Dichloroethene

Concen: 46.013 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

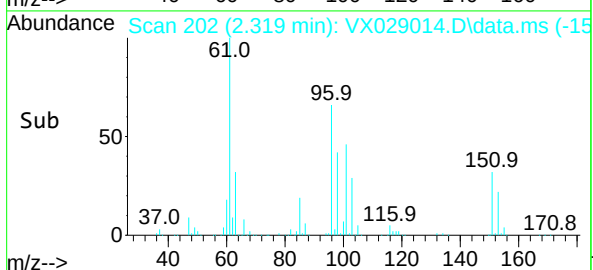
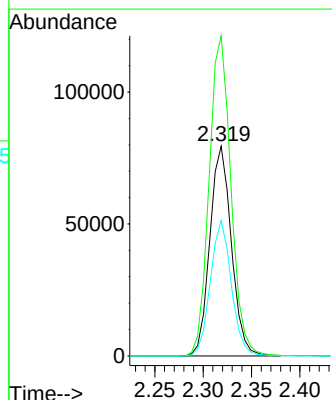
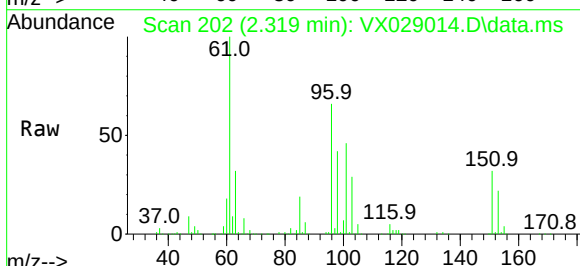
Tgt Ion: 96 Resp: 123032

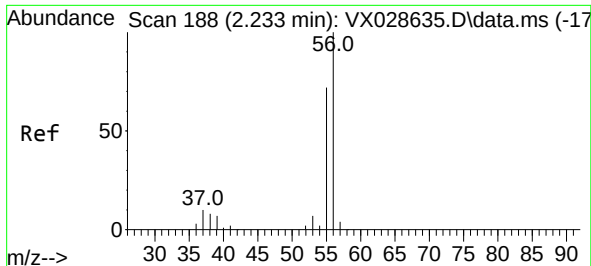
Ion Ratio Lower Upper

96 100

61 152.5 124.6 187.0

98 64.5 51.0 76.4

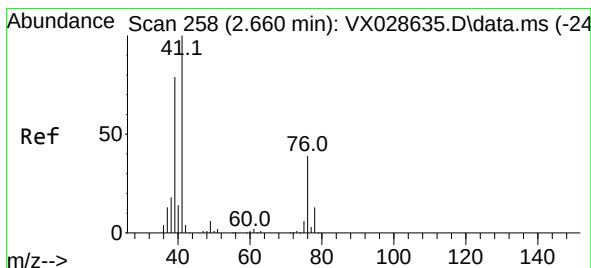
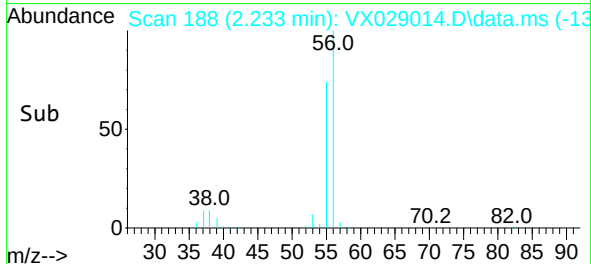
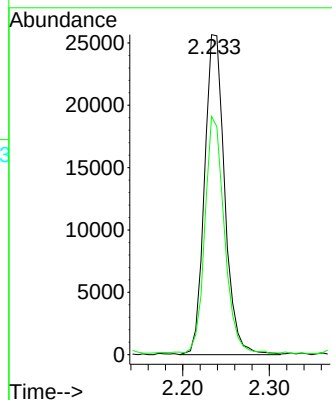
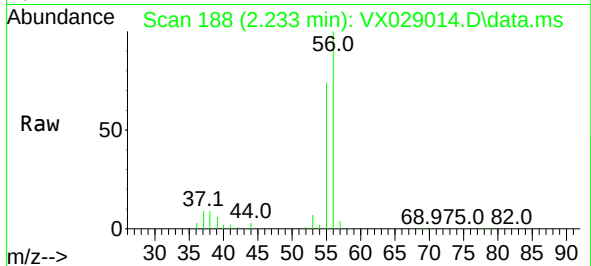




#13  
Acrolein  
Concen: 71.421 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

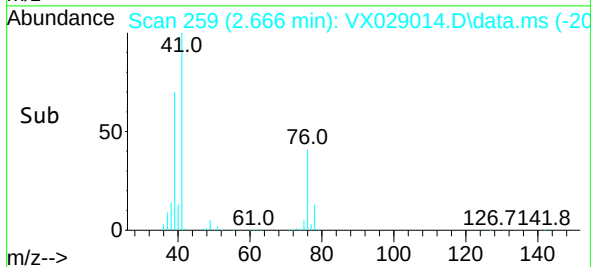
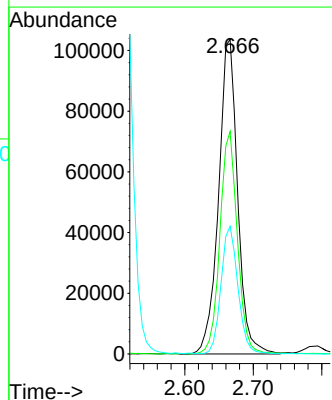
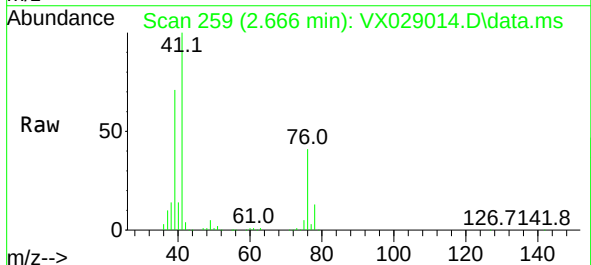
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

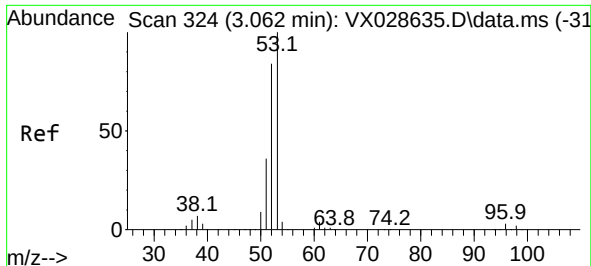
Tgt Ion: 56 Resp: 41516  
Ion Ratio Lower Upper  
56 100  
55 71.6 55.0 82.6



#14  
Allyl chloride  
Concen: 46.576 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.006 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 41 Resp: 199743  
Ion Ratio Lower Upper  
41 100  
39 64.9 50.4 75.6  
76 35.7 32.7 49.1

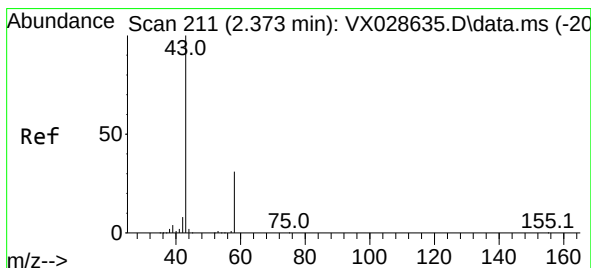
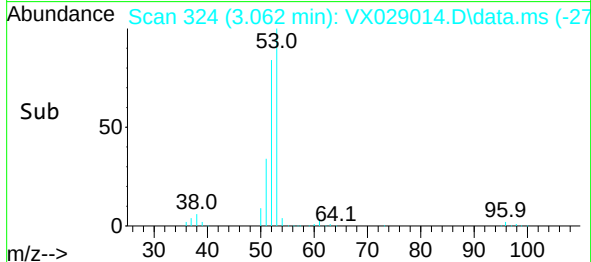
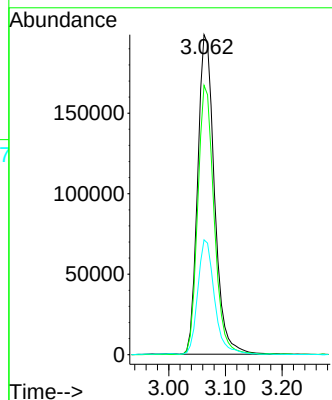
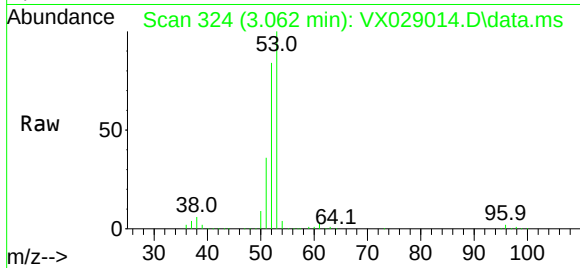




#15  
Acrylonitrile  
Concen: 238.819 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

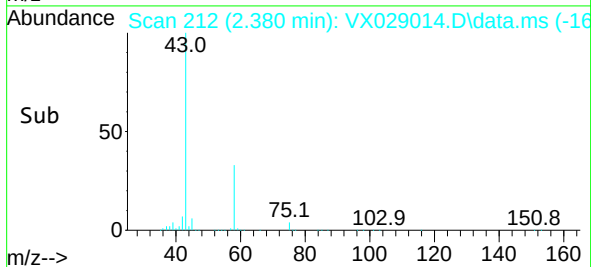
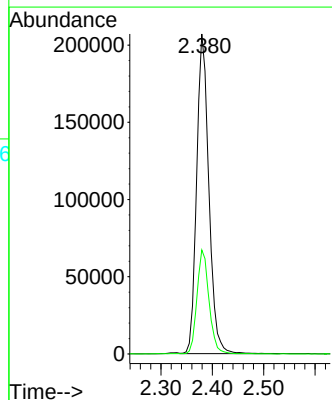
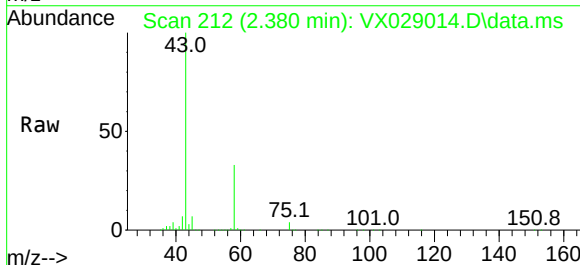
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

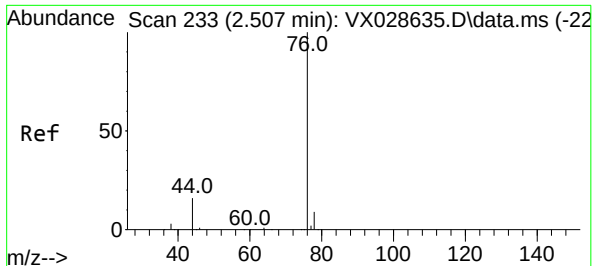
Tgt Ion: 53 Resp: 407491  
Ion Ratio Lower Upper  
53 100  
52 82.3 65.7 98.5  
51 36.1 28.4 42.6



#16  
Acetone  
Concen: 224.859 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.007 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 43 Resp: 341763  
Ion Ratio Lower Upper  
43 100  
58 32.5 28.8 43.2





#17

Carbon Disulfide

Concen: 36.315 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

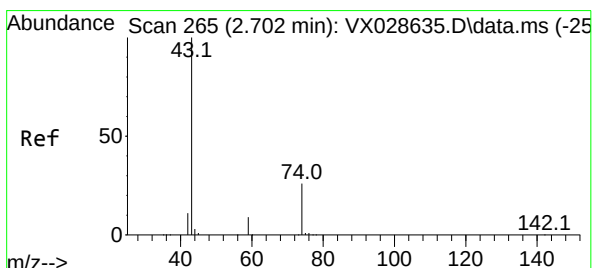
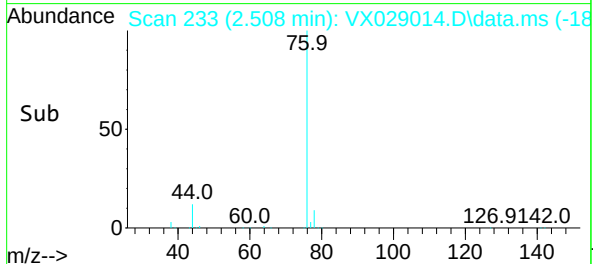
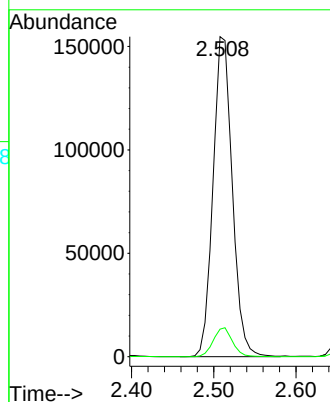
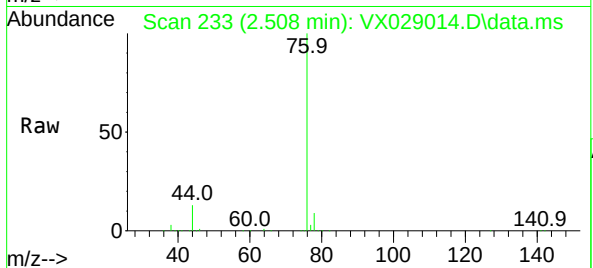
VSTDCCC050EC

Tgt Ion: 76 Resp: 251708

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8



#18

Methyl Acetate

Concen: 51.015 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.001 min

Lab File: VX029014.D

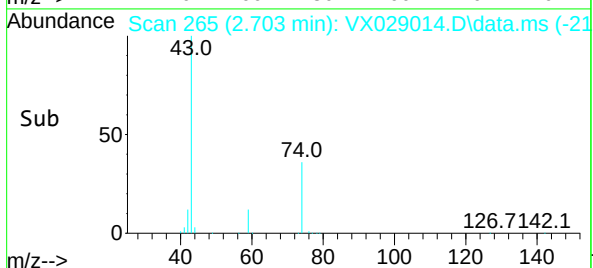
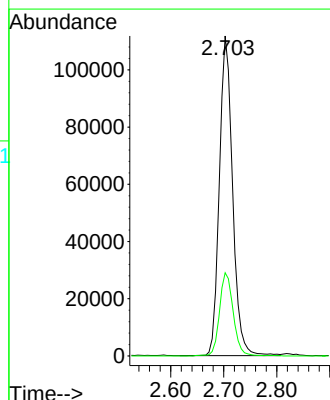
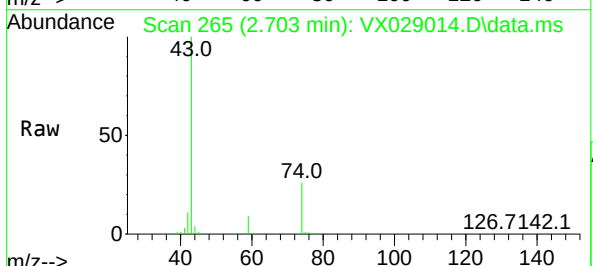
Acq: 26 May 2022 21:05

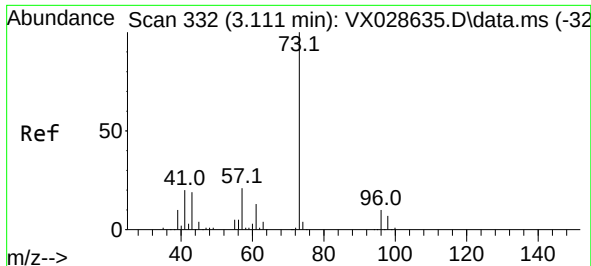
Tgt Ion: 43 Resp: 194203

Ion Ratio Lower Upper

43 100

74 26.8 22.8 34.2

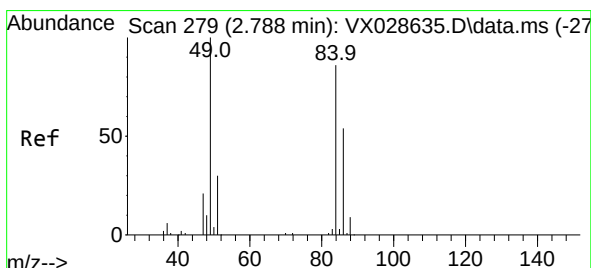
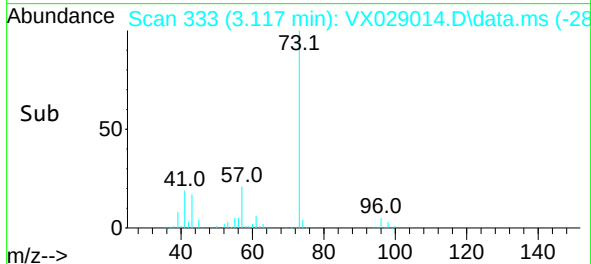
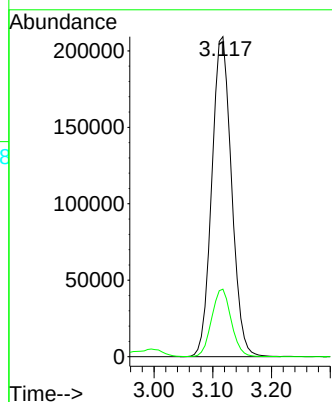
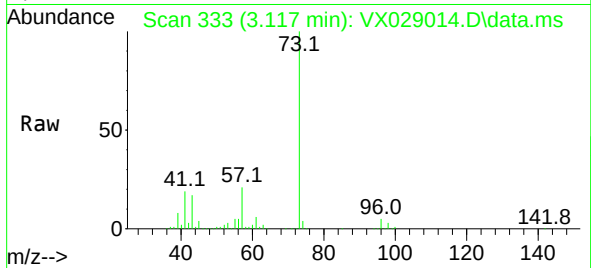




#19  
Methyl tert-butyl Ether  
Concen: 51.399 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

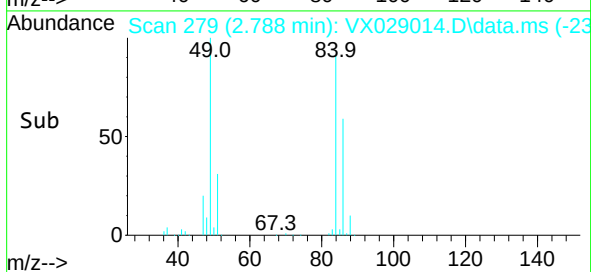
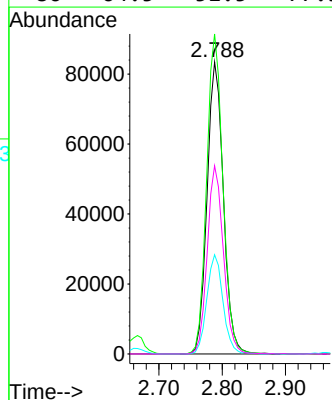
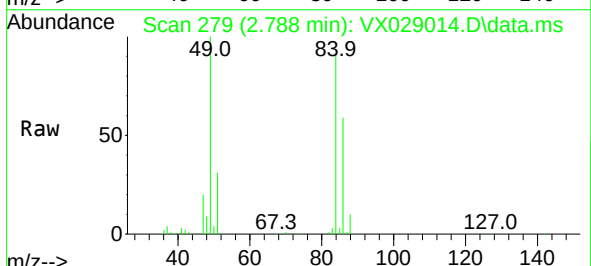
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

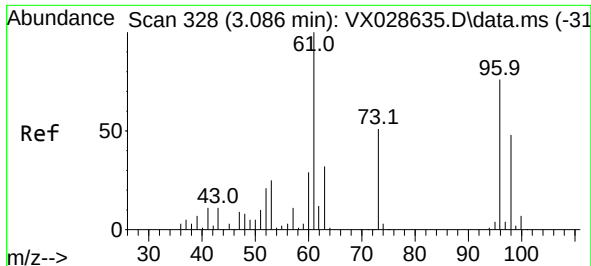
Tgt Ion: 73 Resp: 487705  
Ion Ratio Lower Upper  
73 100  
57 21.1 16.8 25.2



#20  
Methylene Chloride  
Concen: 46.957 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 84 Resp: 149730  
Ion Ratio Lower Upper  
84 100  
49 109.6 85.5 128.3  
51 34.0 26.6 39.8  
86 64.5 51.5 77.3

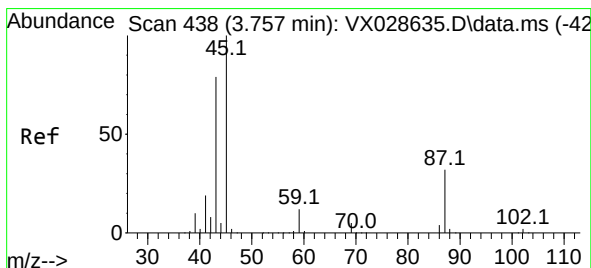
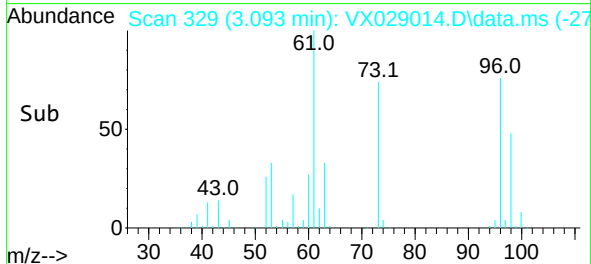
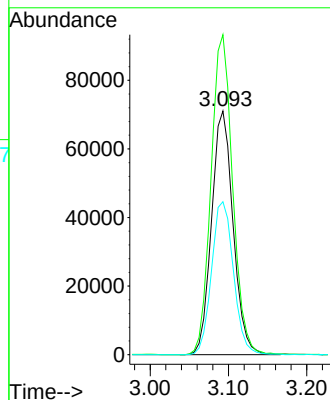
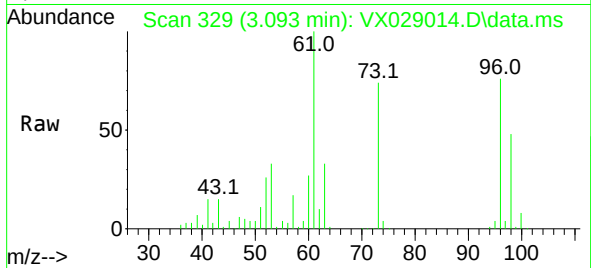




#21  
trans-1,2-Dichloroethene  
Concen: 45.096 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

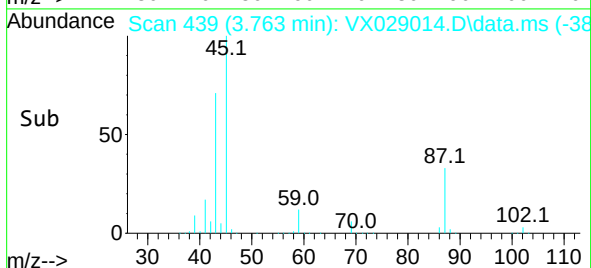
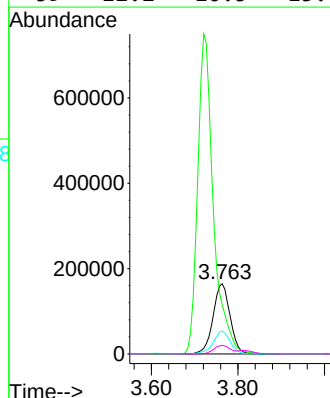
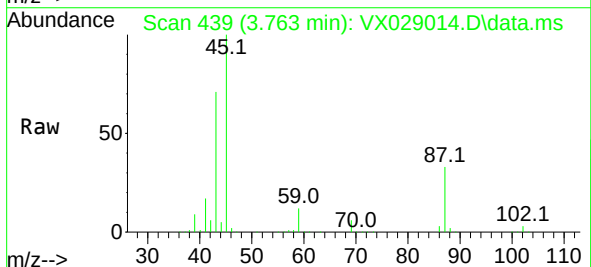
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

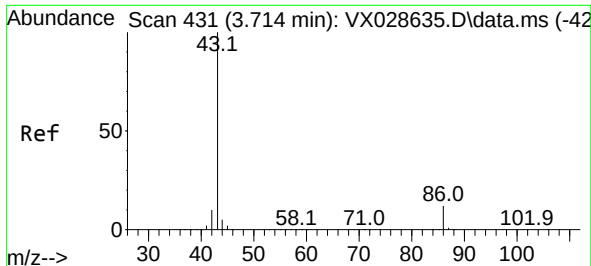
Tgt Ion: 96 Resp: 135822  
Ion Ratio Lower Upper  
96 100  
61 131.3 105.4 158.2  
98 62.8 50.0 75.0



#22  
Diisopropyl ether  
Concen: 48.851 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 45 Resp: 447694  
Ion Ratio Lower Upper  
45 100  
43 70.7 50.8 76.2  
87 32.8 26.6 39.8  
59 12.2 10.5 15.7

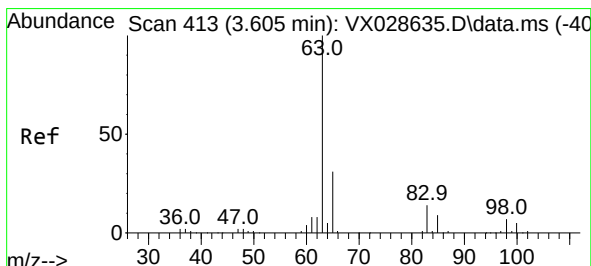
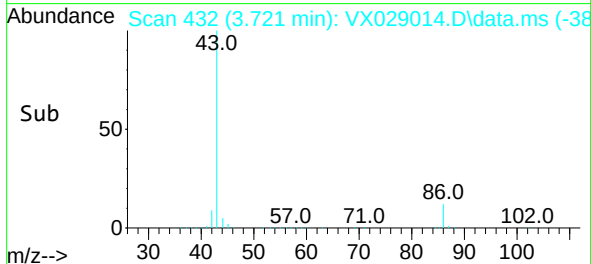
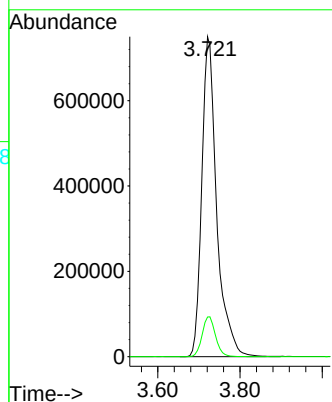
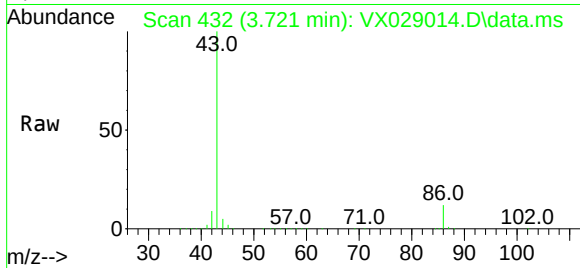




#23  
 Vinyl Acetate  
 Concen: 238.707 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.007 min  
 Lab File: VX029014.D  
 Acq: 26 May 2022 21:05

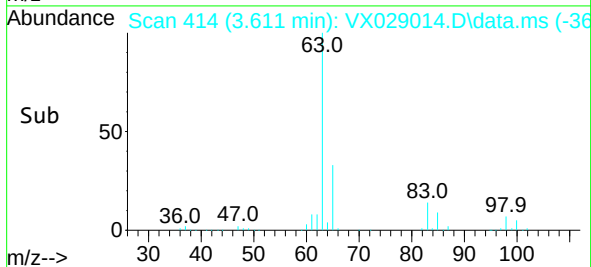
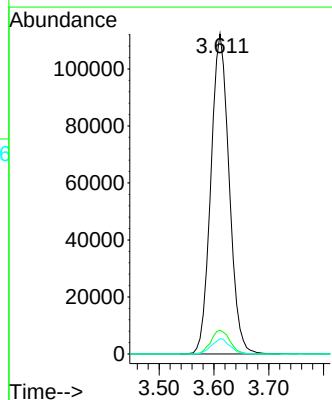
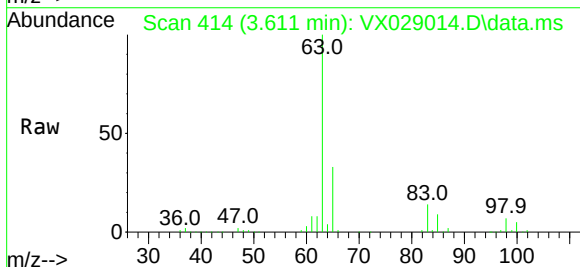
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1885898  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 10.8 16.2

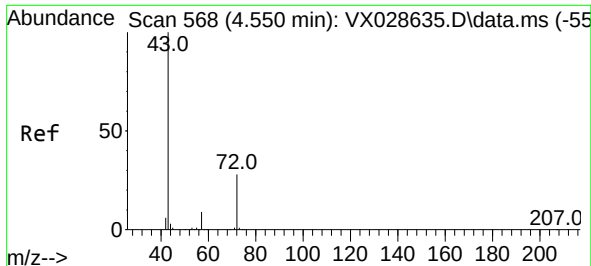


#24  
 1,1-Dichloroethane  
 Concen: 48.793 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX029014.D  
 Acq: 26 May 2022 21:05

Tgt Ion: 63 Resp: 259961  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.9 11.7  
 100 4.7 2.4 7.2



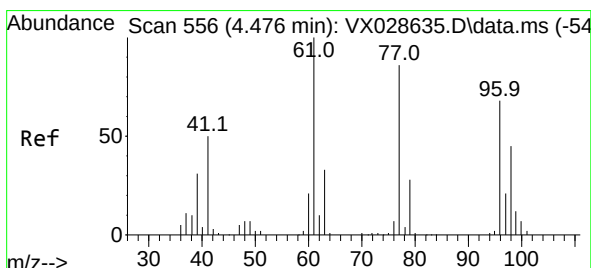
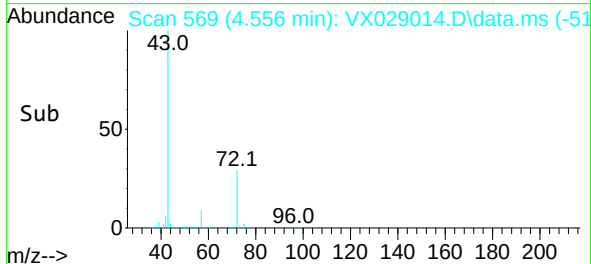
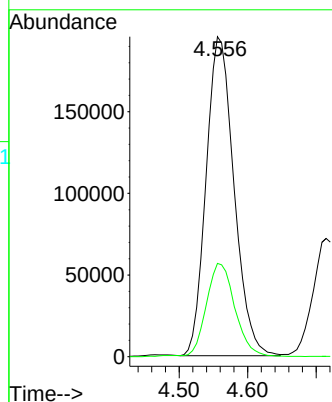
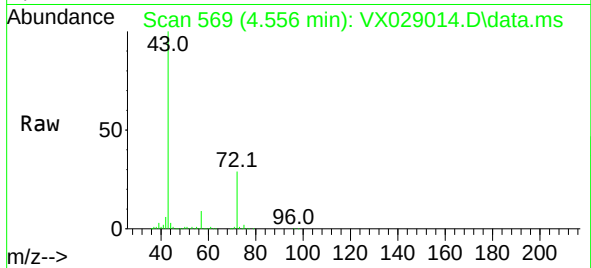




#25  
2-Butanone  
Concen: 231.967 ug/l  
RT: 4.556 min Scan# 553  
Delta R.T. 0.006 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

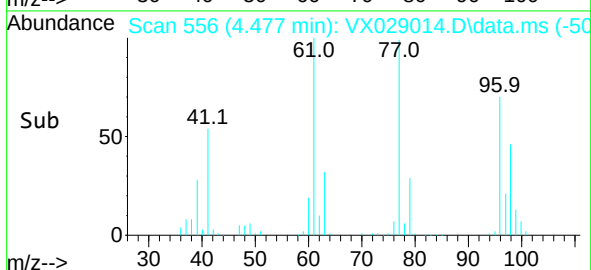
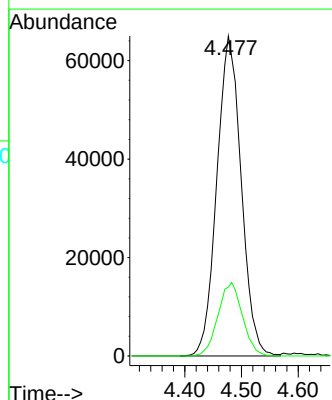
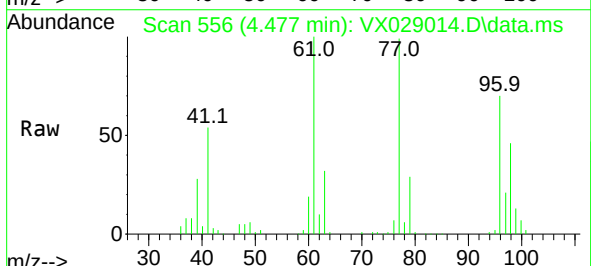
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

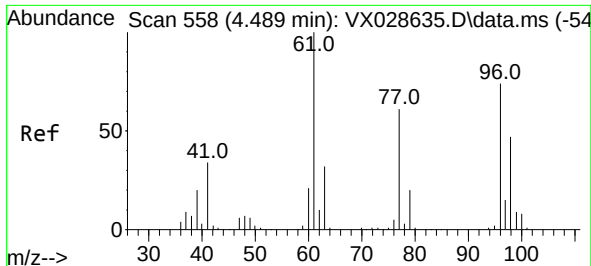
Tgt Ion: 43 Resp: 553415  
Ion Ratio Lower Upper  
43 100  
72 29.1 24.4 36.6



#26  
2,2-Dichloropropane  
Concen: 46.315 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 77 Resp: 193475  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 48.209 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

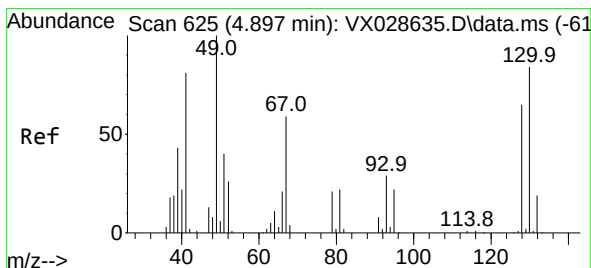
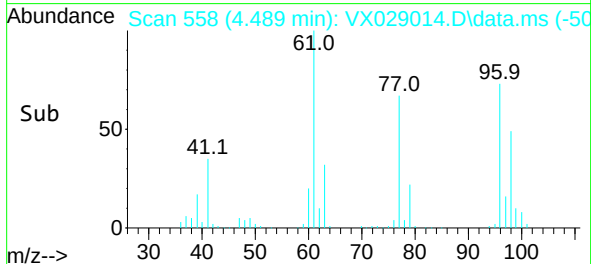
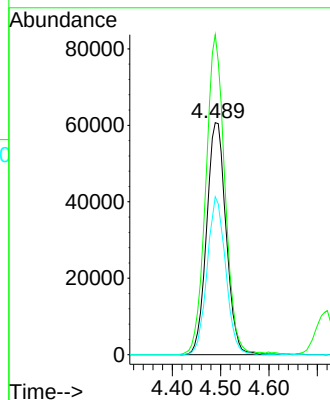
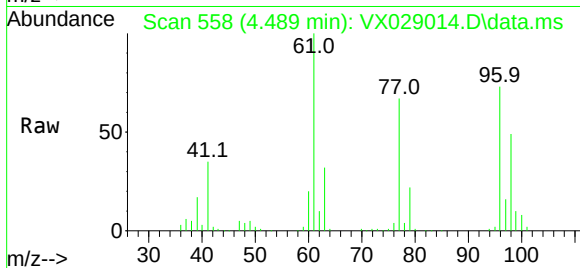
Tgt Ion: 96 Resp: 169582

Ion Ratio Lower Upper

96 100

61 135.5 0.0 283.8

98 65.0 0.0 129.8



#28

Bromochloromethane

Concen: 43.861 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

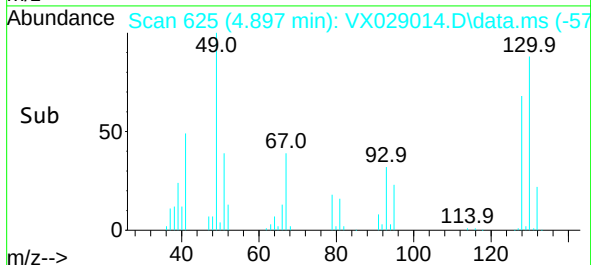
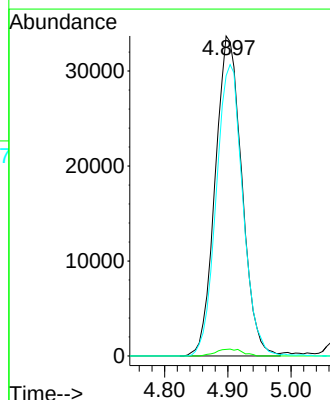
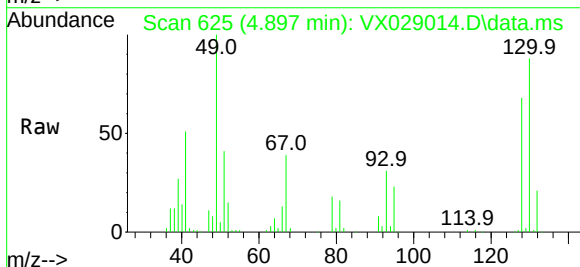
Tgt Ion: 49 Resp: 98362

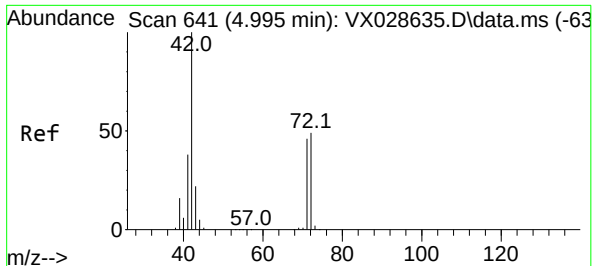
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 91.0 70.7 106.1





#29

Tetrahydrofuran

Concen: 229.688 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

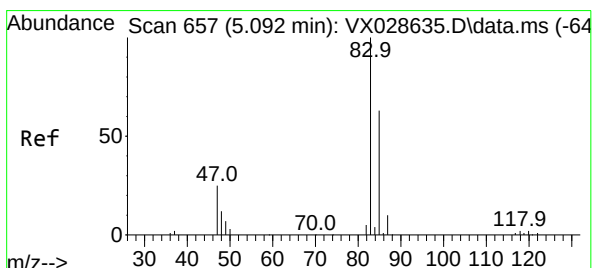
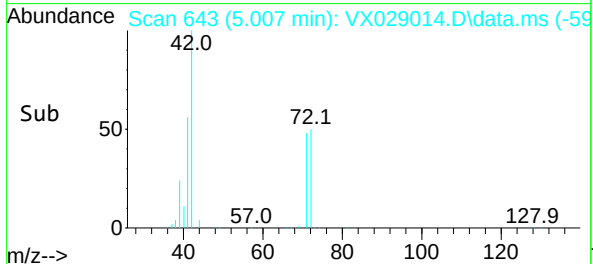
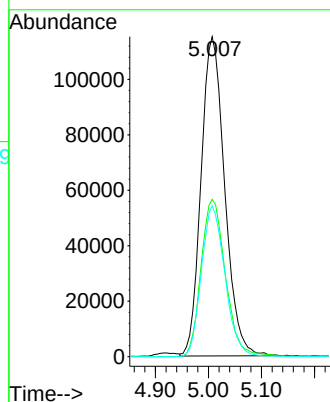
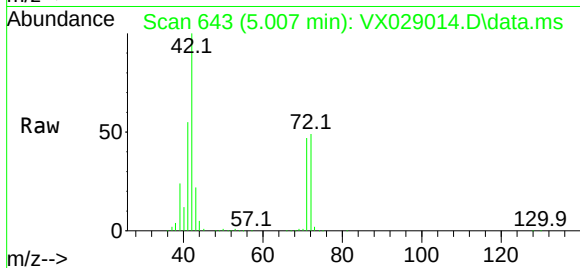
Tgt Ion: 42 Resp: 356192

Ion Ratio Lower Upper

42 100

72 51.0 44.1 66.1

71 47.2 40.5 60.7



#30

Chloroform

Concen: 49.427 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX029014.D

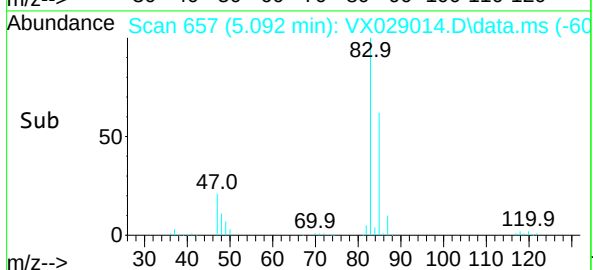
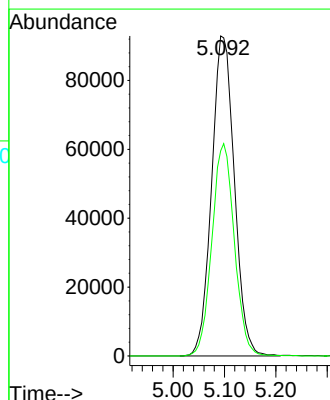
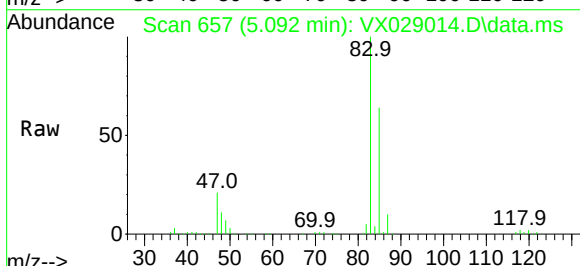
Acq: 26 May 2022 21:05

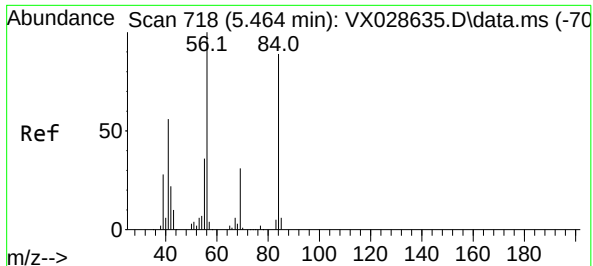
Tgt Ion: 83 Resp: 284997

Ion Ratio Lower Upper

83 100

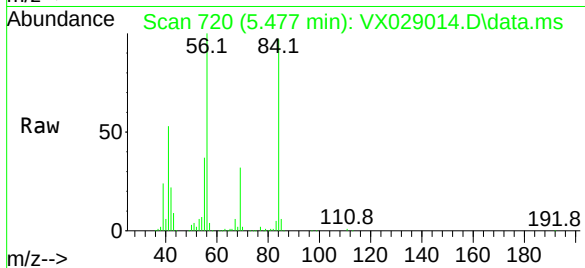
85 64.1 52.7 79.1





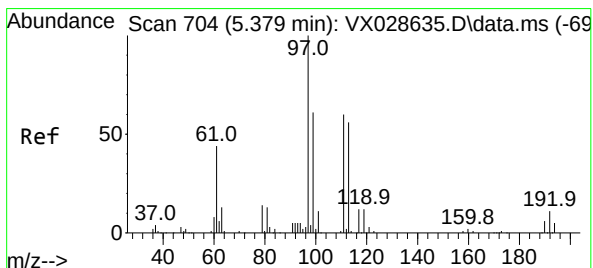
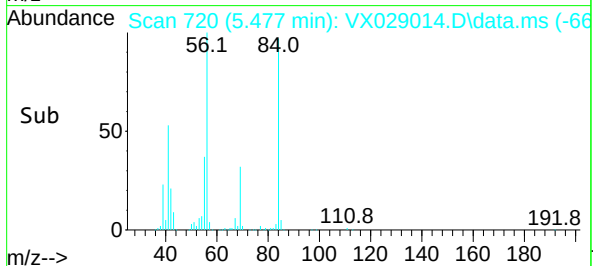
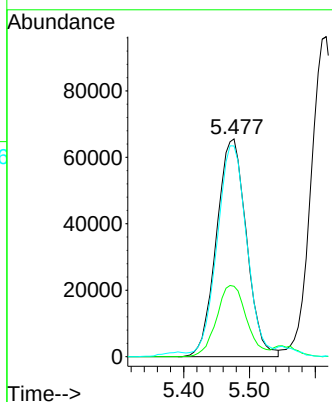
#31  
Cyclohexane  
Concen: 42.280 ug/l  
RT: 5.477 min Scan# 718  
Delta R.T. 0.013 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 207838

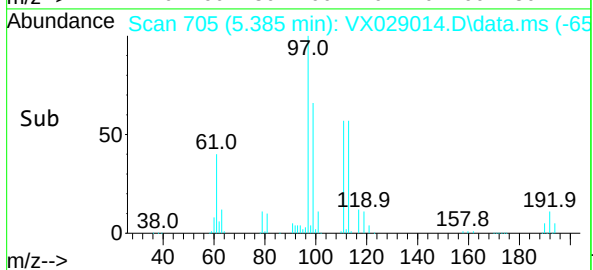
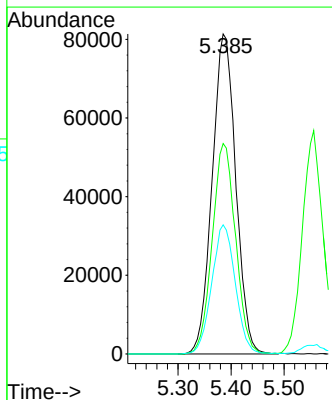
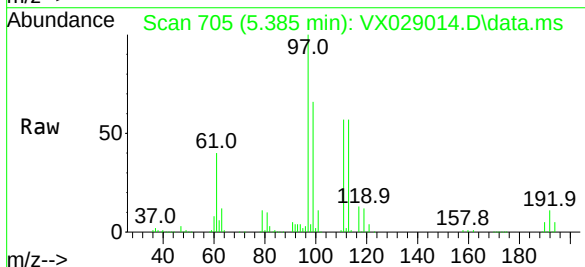
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.3  | 26.7  | 40.1  |
| 84  | 94.6  | 77.2  | 115.8 |

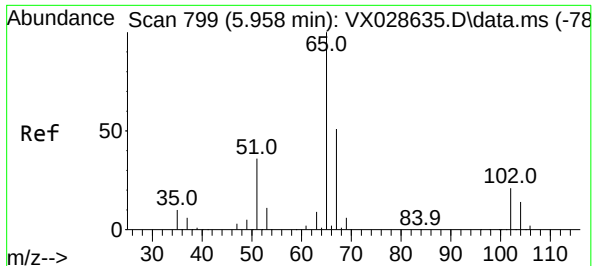


#32  
1,1,1-Trichloroethane  
Concen: 49.984 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 97 Resp: 251608

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 65.0  | 51.8  | 77.6  |
| 61  | 40.3  | 34.0  | 51.0  |





#33

1,2-Dichloroethane-d4

Concen: 45.120 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

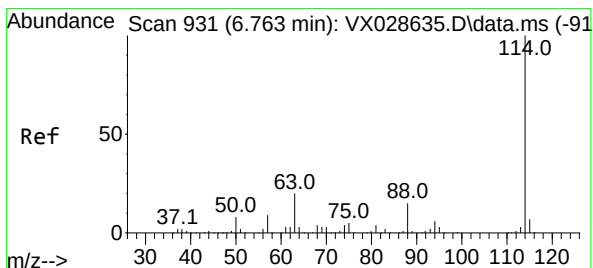
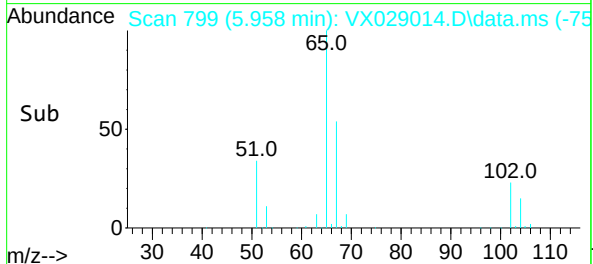
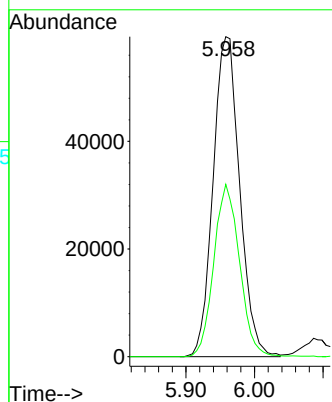
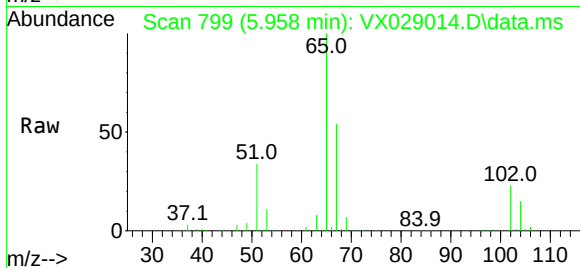
VSTDCCC050EC

Tgt Ion: 65 Resp: 159790

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

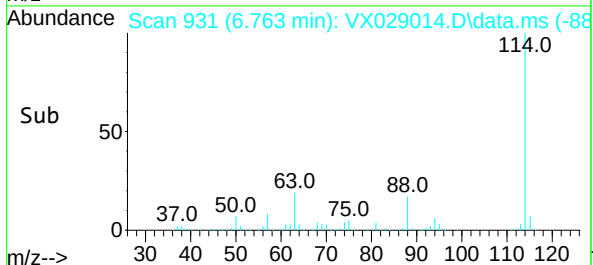
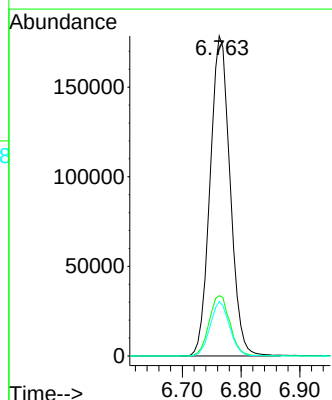
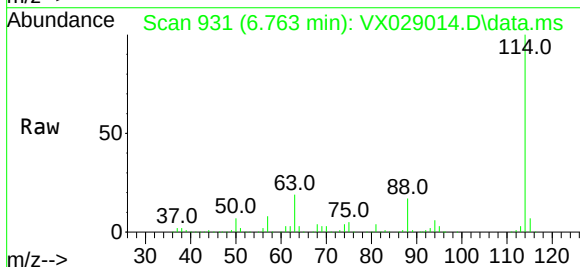
Tgt Ion: 114 Resp: 422106

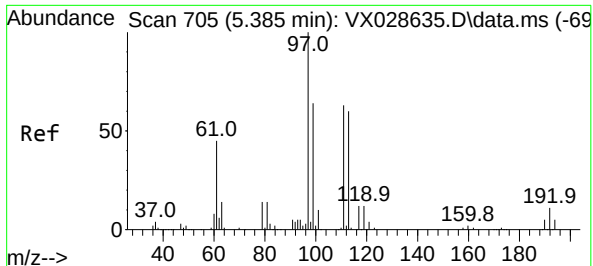
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 17.0 0.0 32.4

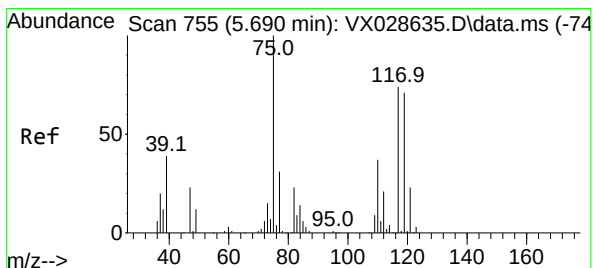
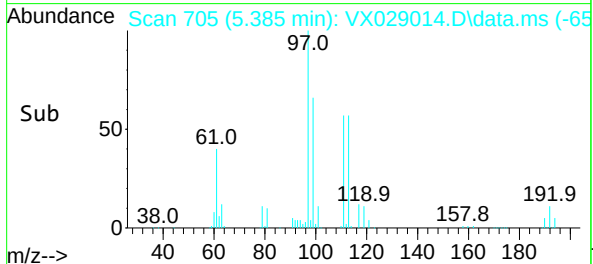
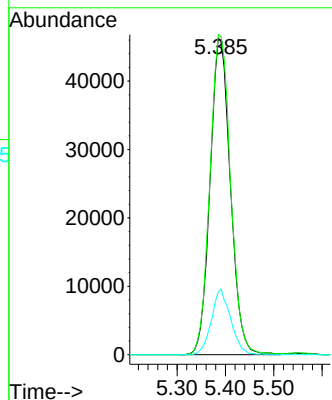
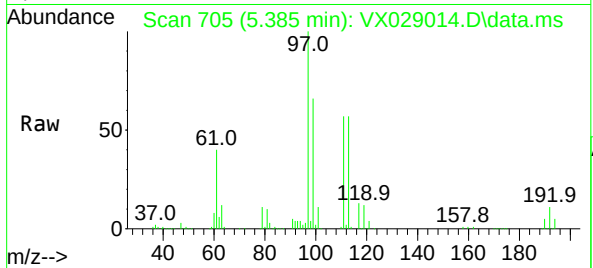




#35  
Dibromofluoromethane  
Concen: 48.920 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

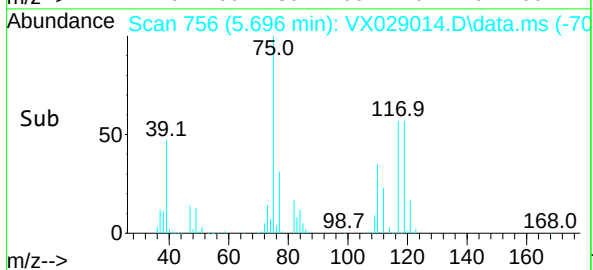
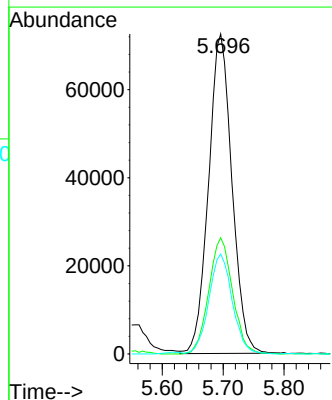
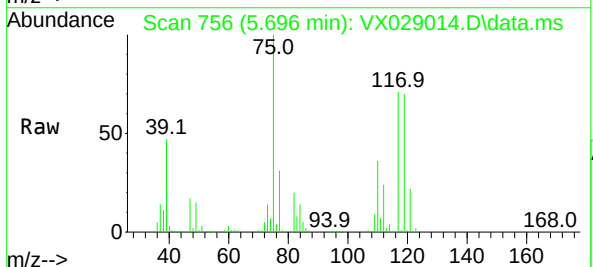
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

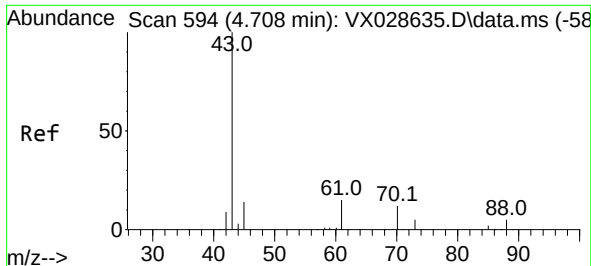
Tgt Ion:113 Resp: 135293  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.8 124.2  
192 19.6 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 46.608 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 75 Resp: 193604  
Ion Ratio Lower Upper  
75 100  
110 37.0 18.3 54.8  
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 48.888 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

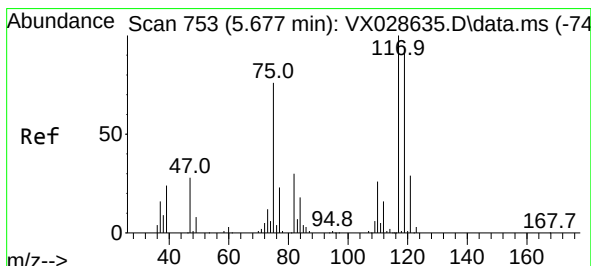
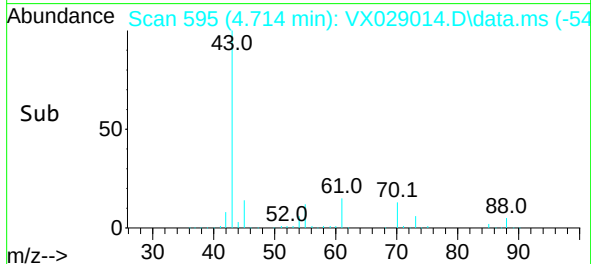
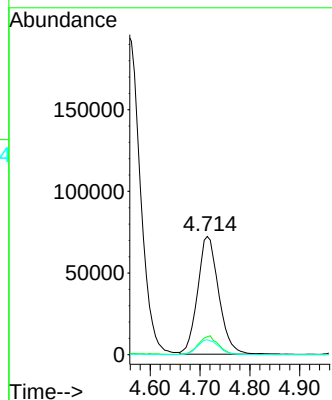
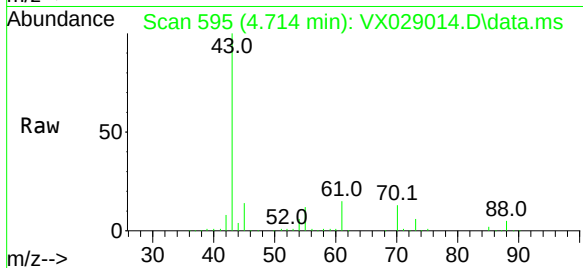
Tgt Ion: 43 Resp: 212108

Ion Ratio Lower Upper

43 100

61 15.3 12.6 19.0

70 12.8 10.2 15.2



#38

Carbon Tetrachloride

Concen: 51.356 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

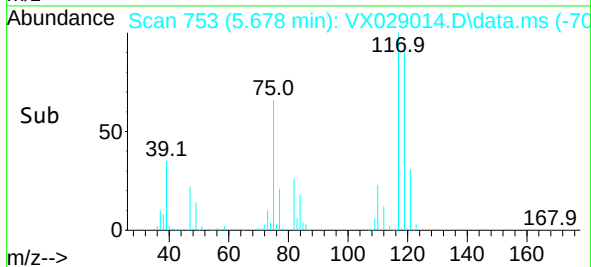
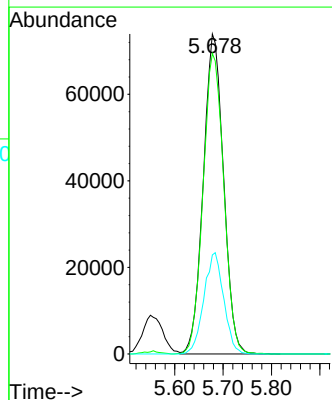
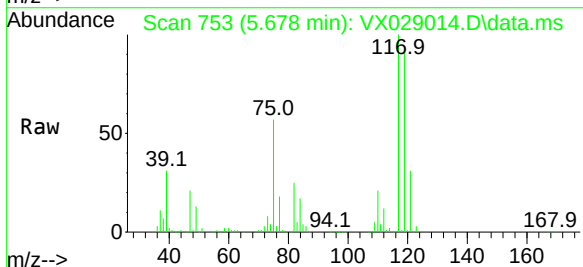
Tgt Ion: 117 Resp: 214685

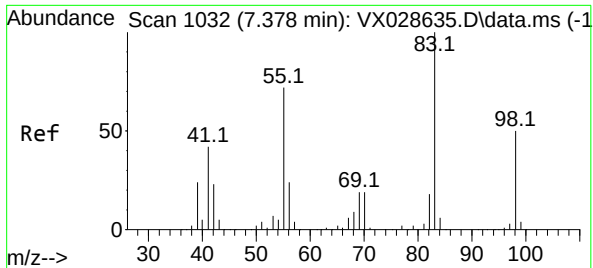
Ion Ratio Lower Upper

117 100

119 93.9 77.3 115.9

121 31.0 24.2 36.2

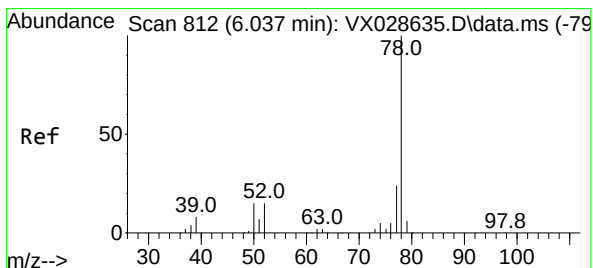
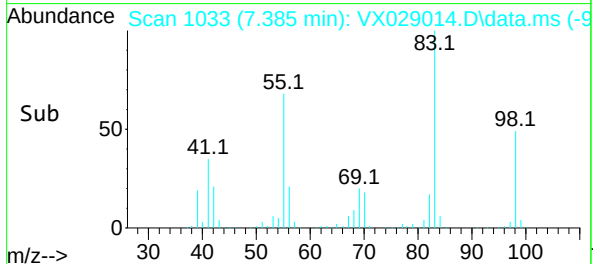
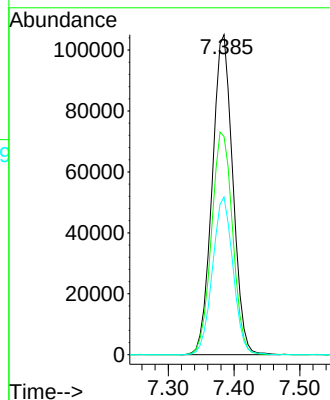
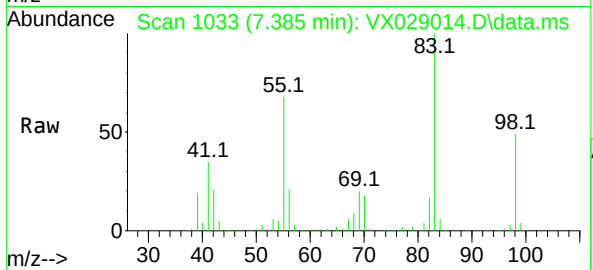




#39  
Methylcyclohexane  
Concen: 48.065 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.007 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

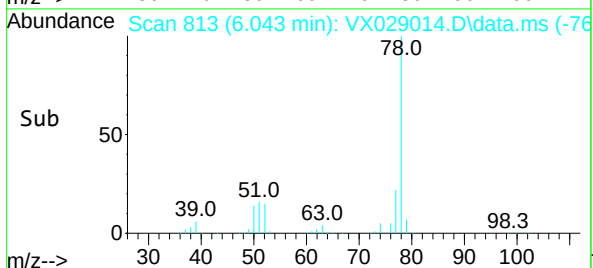
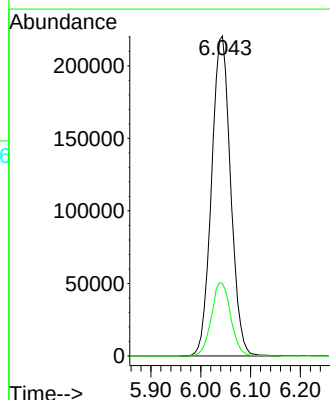
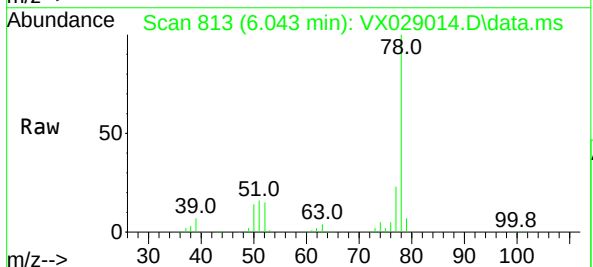
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 228967  
Ion Ratio Lower Upper  
83 100  
55 68.1 54.6 81.8  
98 49.2 37.4 56.2

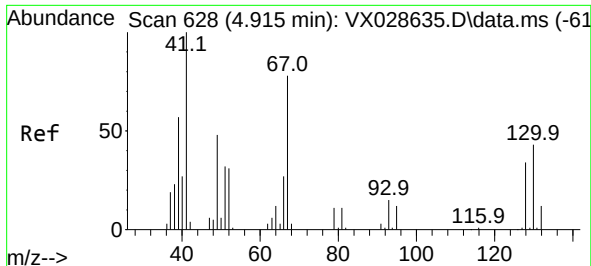


#40  
Benzene  
Concen: 49.030 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. 0.006 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 78 Resp: 585319  
Ion Ratio Lower Upper  
78 100  
77 22.7 19.3 28.9



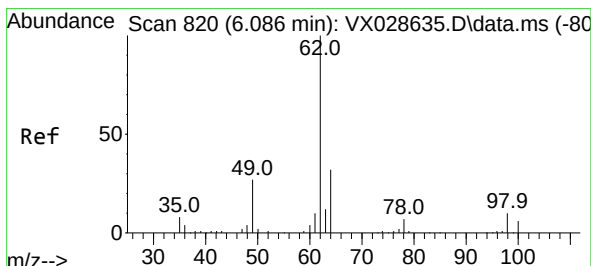
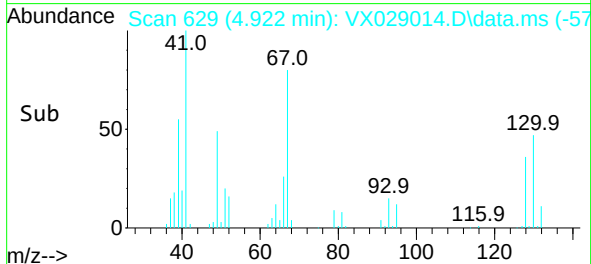
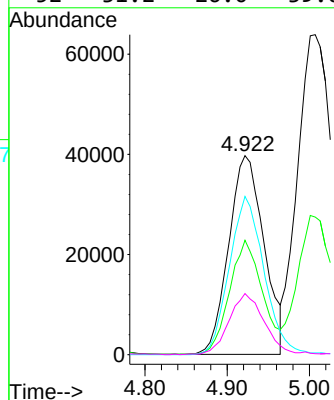
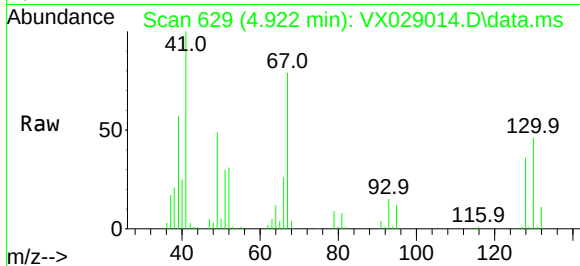




#41  
Methacrylonitrile  
Concen: 51.058 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

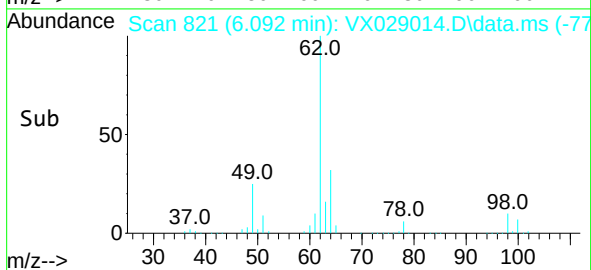
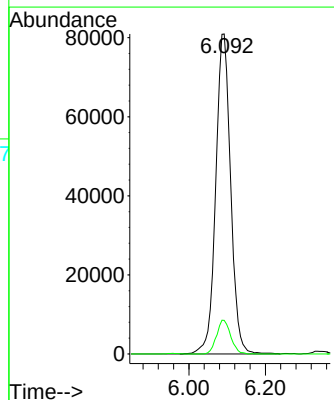
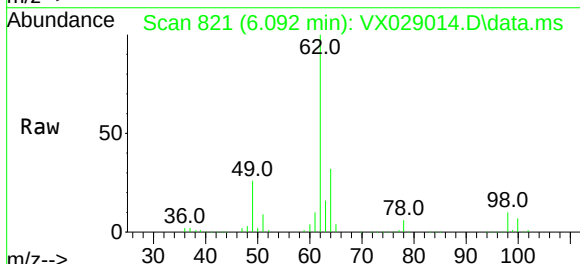
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

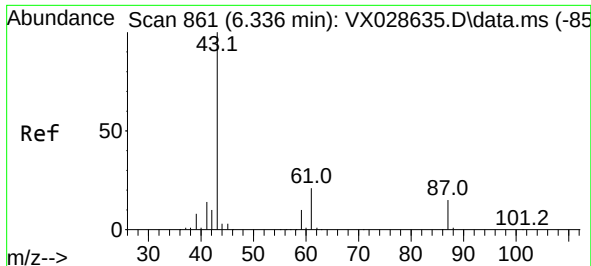
Tgt Ion: 41 Resp: 118774  
Ion Ratio Lower Upper  
41 100  
39 53.6 43.0 64.4  
67 78.5 70.2 105.4  
52 31.2 26.0 39.0



#42  
1,2-Dichloroethane  
Concen: 49.789 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 62 Resp: 219245  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 20.4





#43

Isopropyl Acetate

Concen: 50.170 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

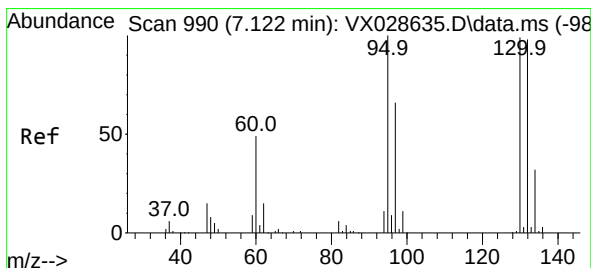
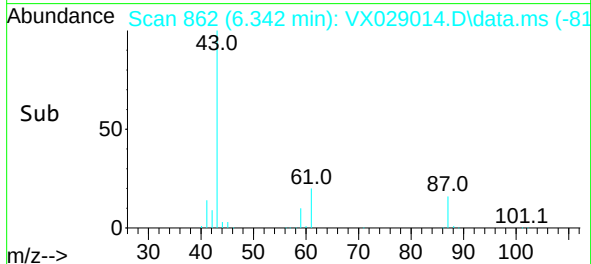
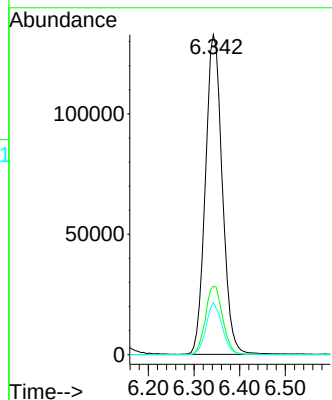
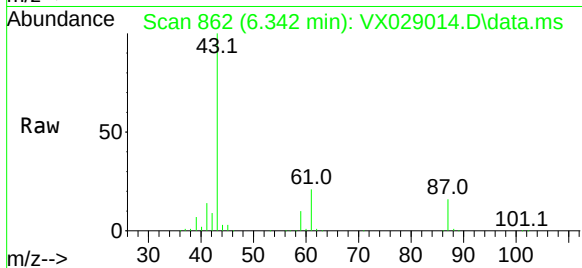
Tgt Ion: 43 Resp: 340534

Ion Ratio Lower Upper

43 100

61 22.0 18.5 27.7

87 15.6 13.0 19.6



#44

Trichloroethene

Concen: 50.724 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX029014.D

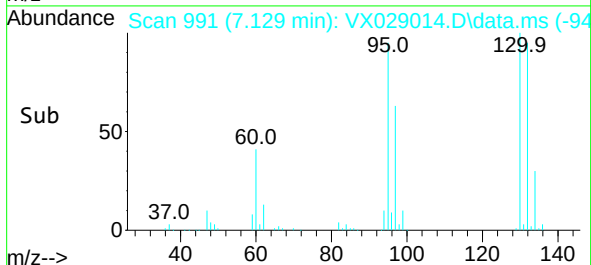
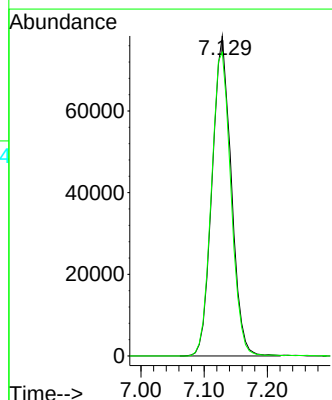
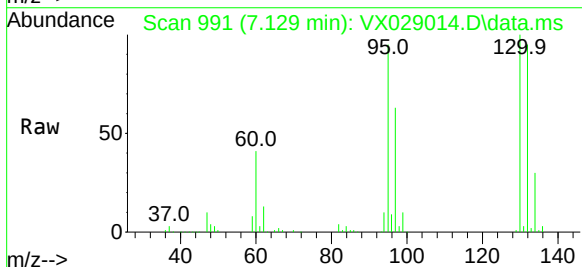
Acq: 26 May 2022 21:05

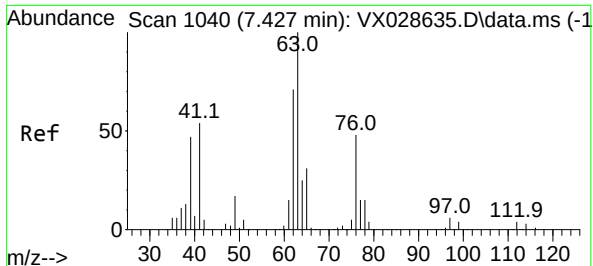
Tgt Ion:130 Resp: 164227

Ion Ratio Lower Upper

130 100

95 94.9 0.0 188.8





#45

1,2-Dichloropropane

Concen: 51.190 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

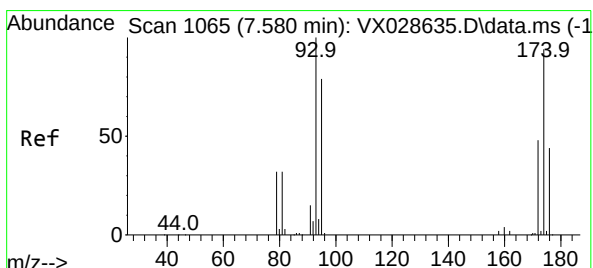
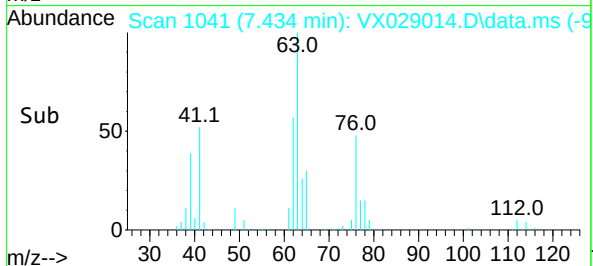
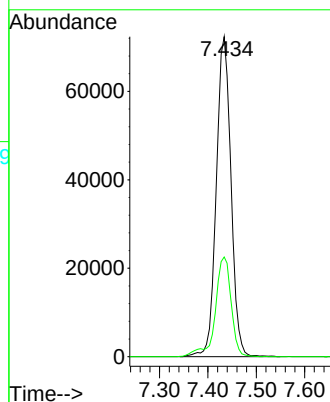
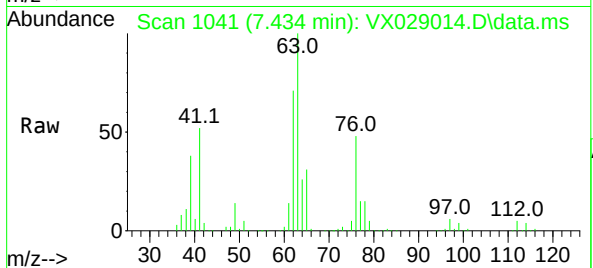
VSTDCCC050EC

Tgt Ion: 63 Resp: 152470

Ion Ratio Lower Upper

63 100

65 31.2 25.8 38.6



#46

Dibromomethane

Concen: 49.248 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

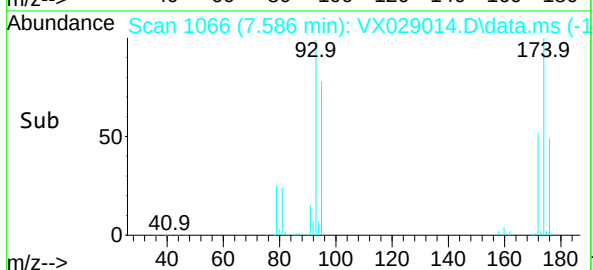
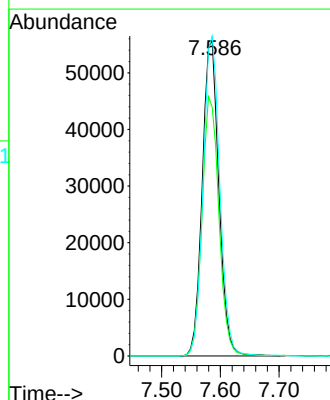
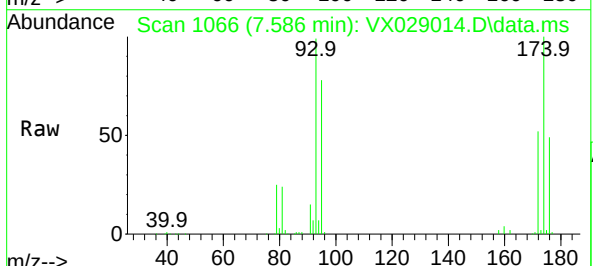
Tgt Ion: 93 Resp: 109545

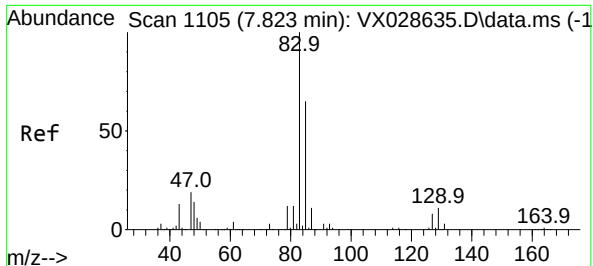
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

174 101.7 85.4 128.2

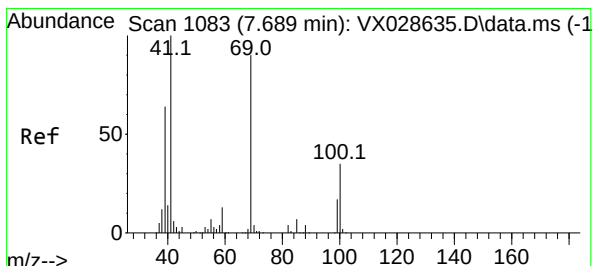
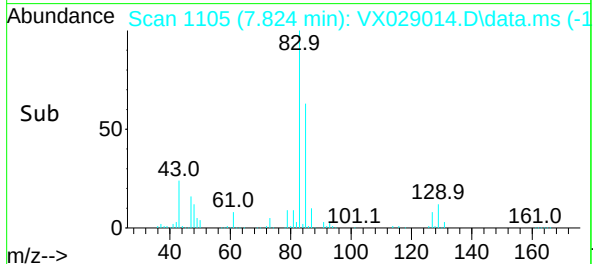
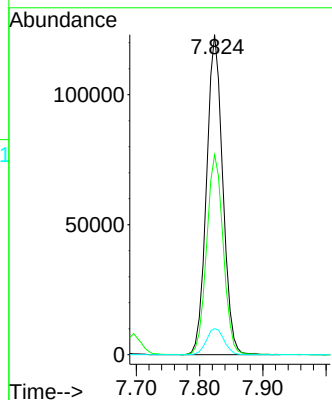
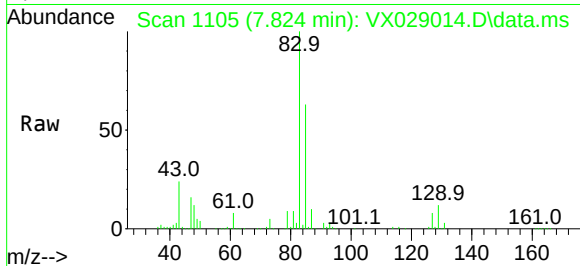




#47  
Bromodichloromethane  
Concen: 53.123 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

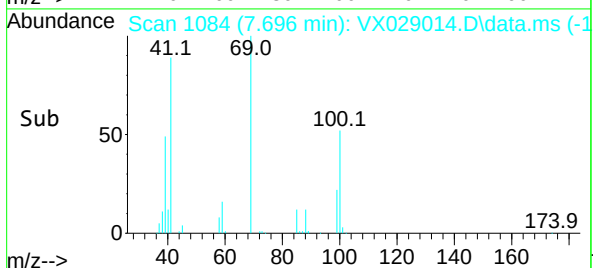
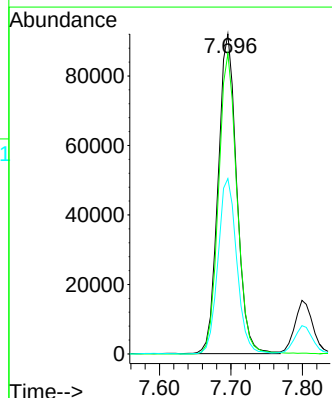
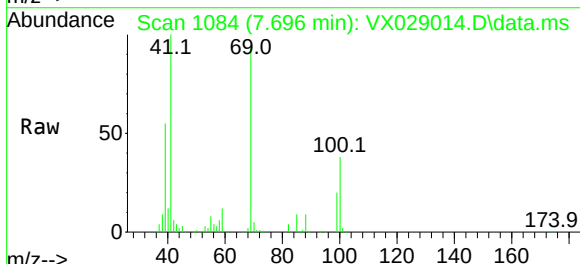
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

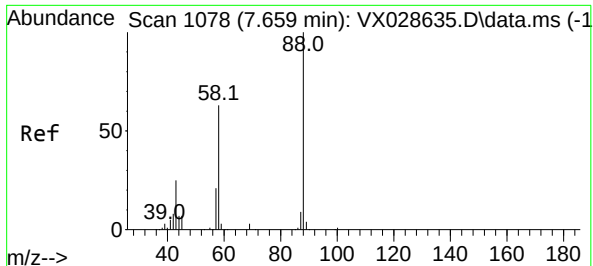
Tgt Ion: 83 Resp: 219379  
Ion Ratio Lower Upper  
83 100  
85 62.5 52.2 78.2  
127 8.1 6.8 10.2



#48  
Methyl methacrylate  
Concen: 50.626 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.007 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 41 Resp: 165995  
Ion Ratio Lower Upper  
41 100  
69 93.7 82.5 123.7  
39 55.6 43.8 65.8





#49

1,4-Dioxane

Concen: 930.613 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

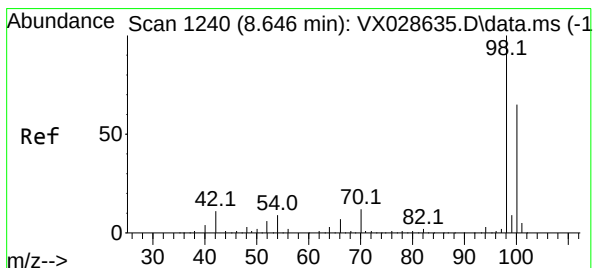
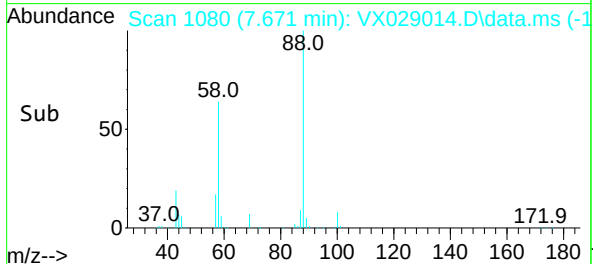
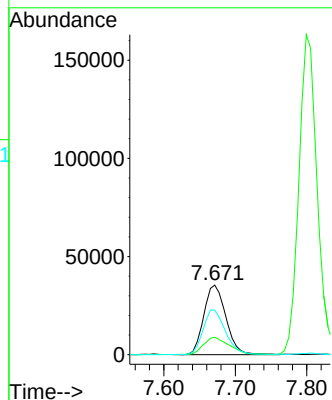
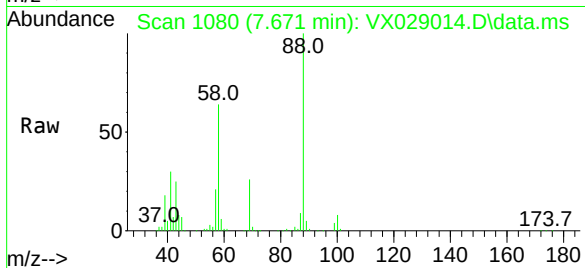
Tgt Ion: 88 Resp: 76229

Ion Ratio Lower Upper

88 100

43 28.7 21.9 32.9

58 65.4 53.7 80.5



#50

Toluene-d8

Concen: 46.367 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX029014.D

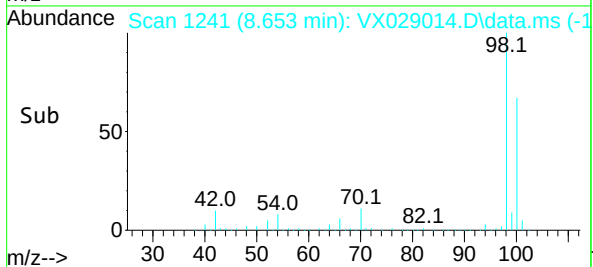
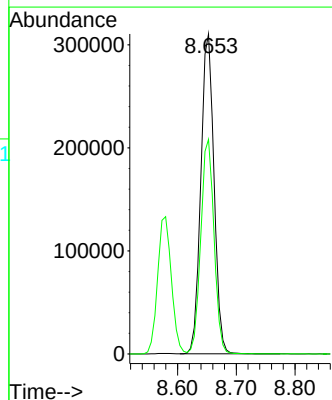
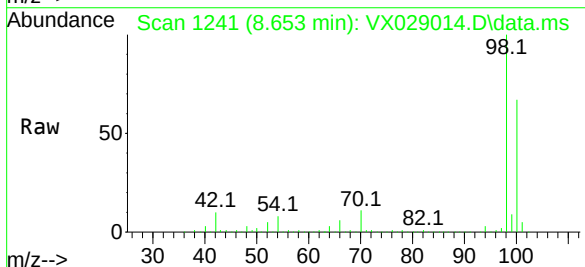
Acq: 26 May 2022 21:05

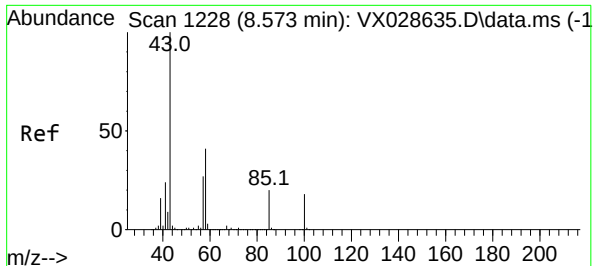
Tgt Ion: 98 Resp: 483453

Ion Ratio Lower Upper

98 100

100 67.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 249.005 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

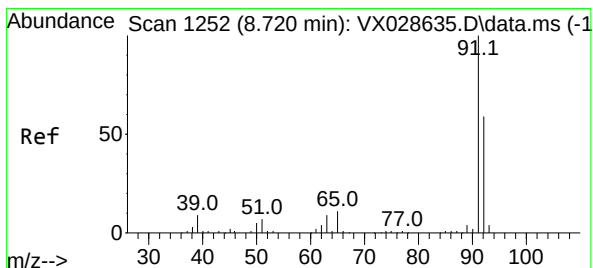
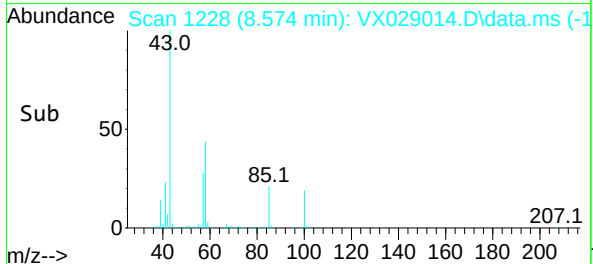
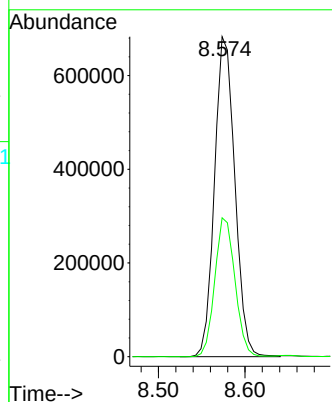
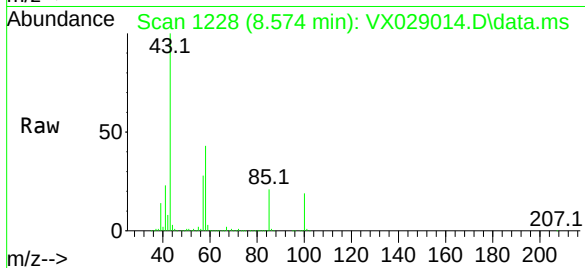
VSTDCCC050EC

Tgt Ion: 43 Resp: 1113274

Ion Ratio Lower Upper

43 100

58 43.1 36.1 54.1



#52

Toluene

Concen: 50.329 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029014.D

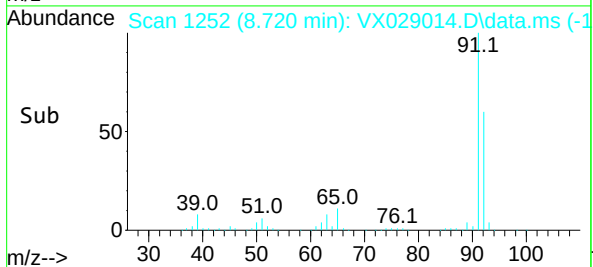
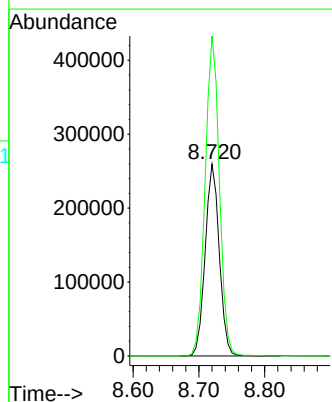
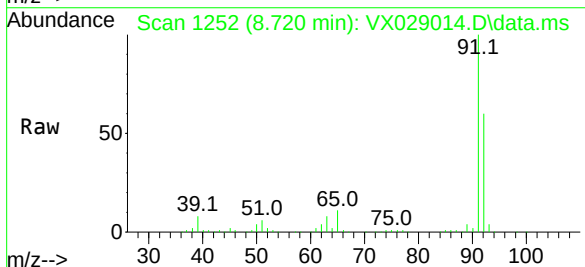
Acq: 26 May 2022 21:05

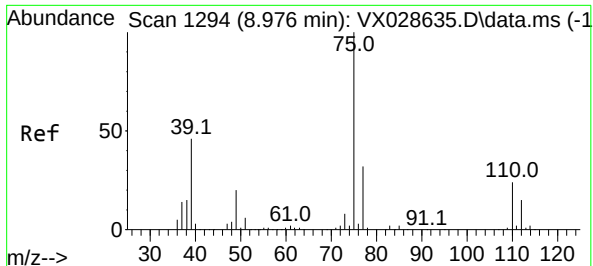
Tgt Ion: 92 Resp: 386498

Ion Ratio Lower Upper

92 100

91 168.2 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 47.441 ug/l

RT: 8.982 min Scan# 11295

Delta R.T. 0.006 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

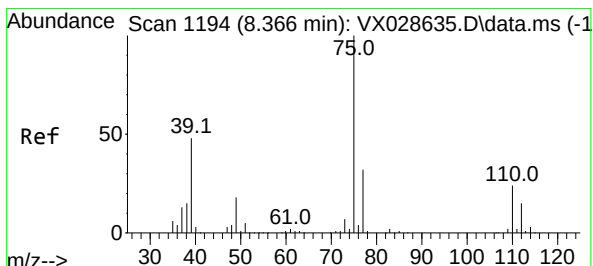
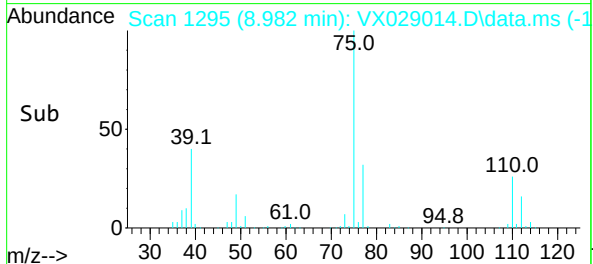
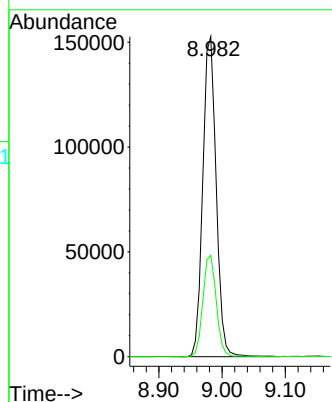
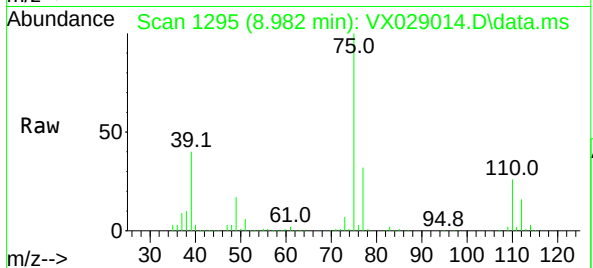
VSTDCCC050EC

Tgt Ion: 75 Resp: 225108

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.694 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

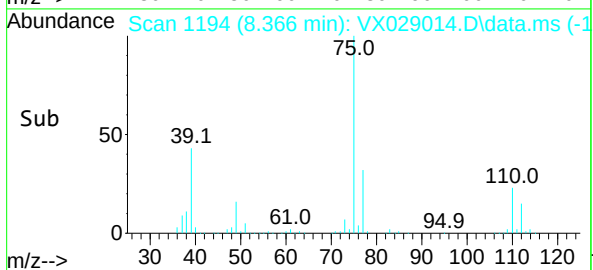
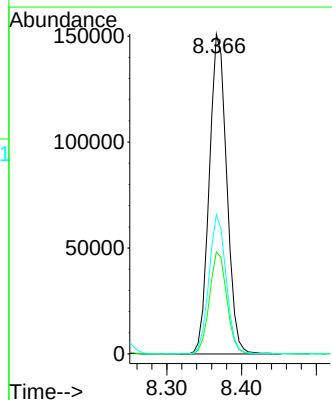
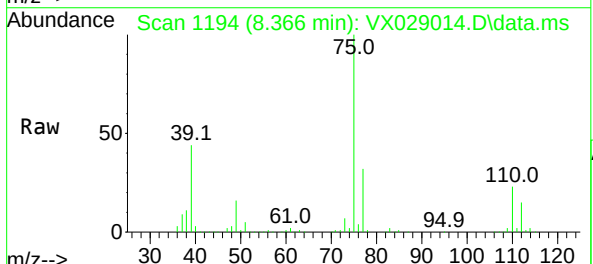
Tgt Ion: 75 Resp: 244857

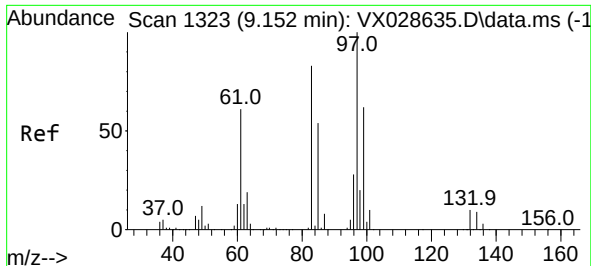
Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 43.4 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 52.661 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 164906

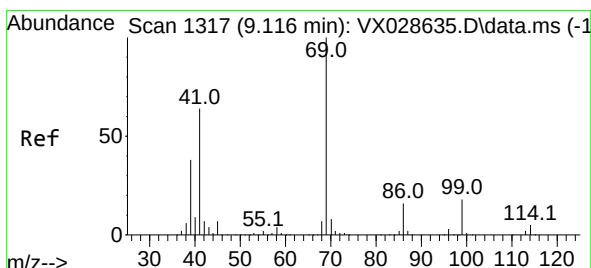
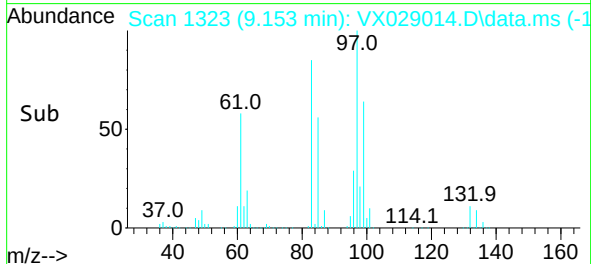
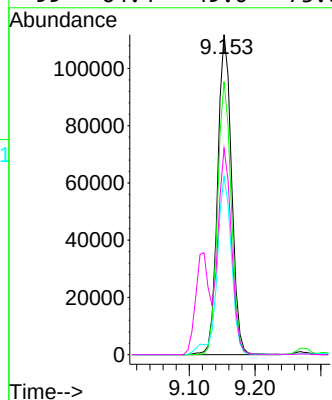
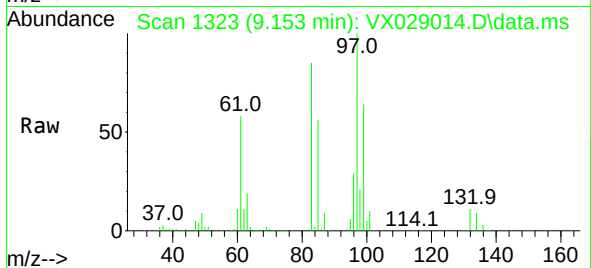
Ion Ratio Lower Upper

97 100

83 85.3 66.2 99.4

85 55.7 42.9 64.3

99 64.4 49.0 73.6



#56

Ethyl methacrylate

Concen: 54.483 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

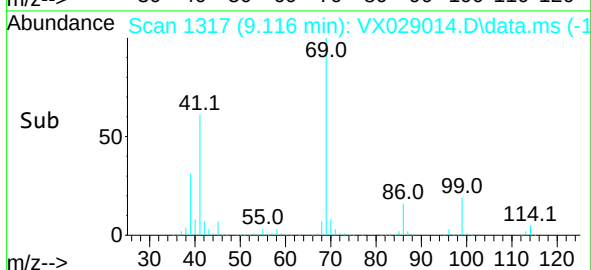
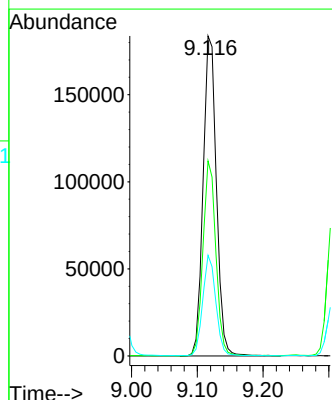
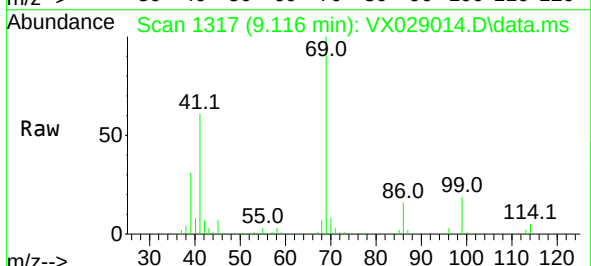
Tgt Ion: 69 Resp: 258364

Ion Ratio Lower Upper

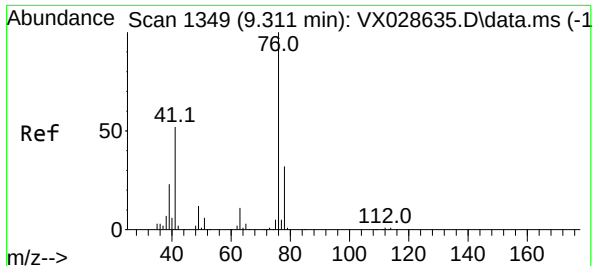
69 100

41 59.3 43.8 65.6

39 31.1 22.2 33.2







#57

1,3-Dichloropropane

Concen: 52.020 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

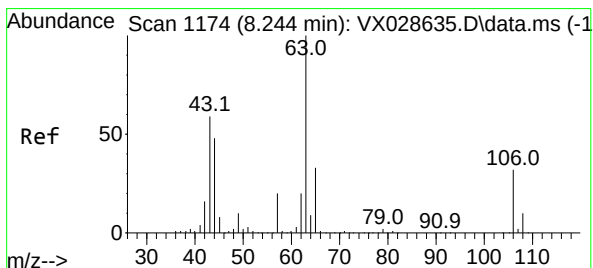
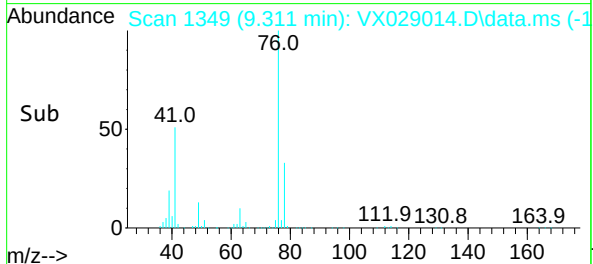
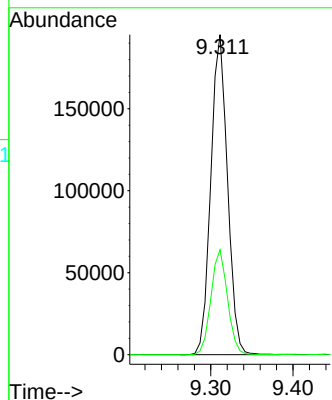
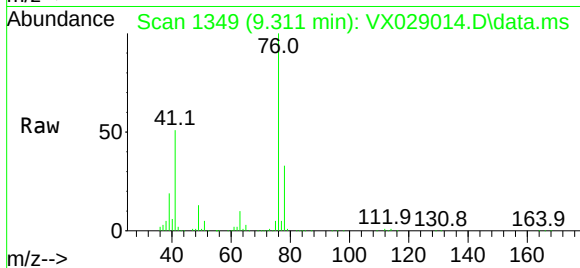
VSTDCCC050EC

Tgt Ion: 76 Resp: 274751

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 252.441 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX029014.D

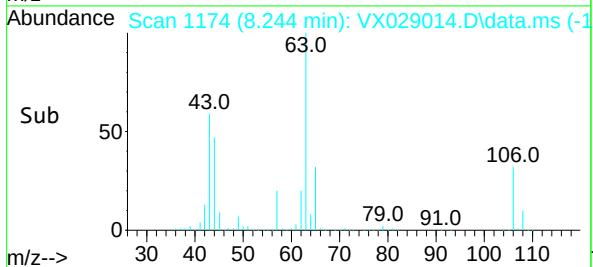
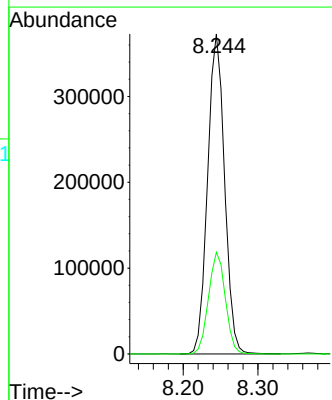
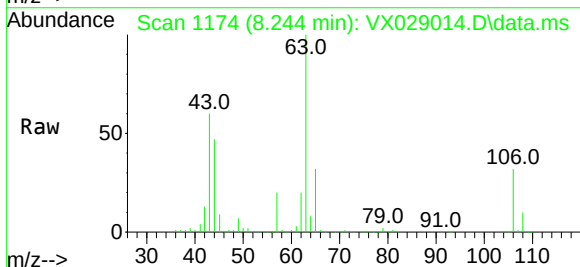
Acq: 26 May 2022 21:05

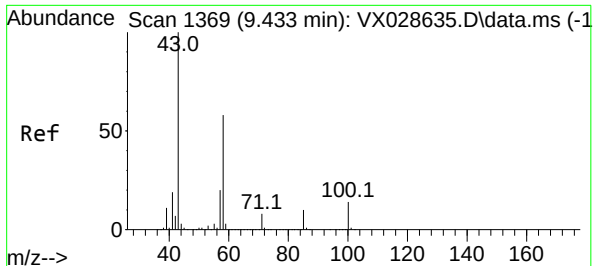
Tgt Ion: 63 Resp: 586085

Ion Ratio Lower Upper

63 100

106 31.6 23.9 35.9

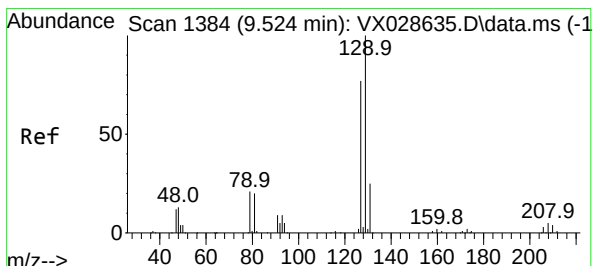
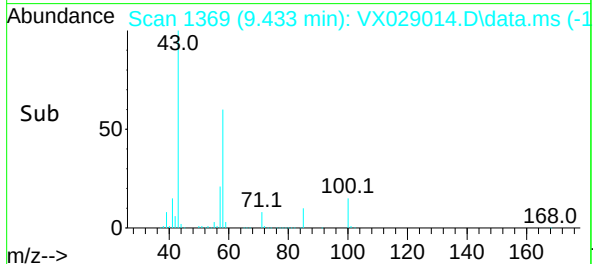
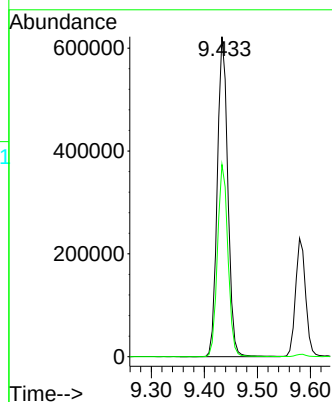
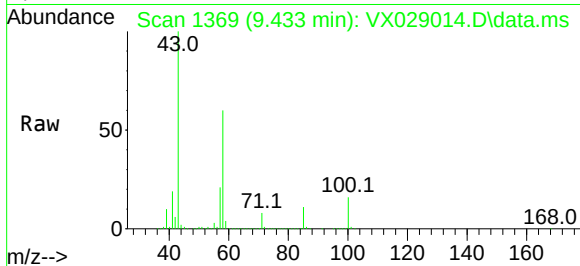




#59  
2-Hexanone  
Concen: 246.940 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

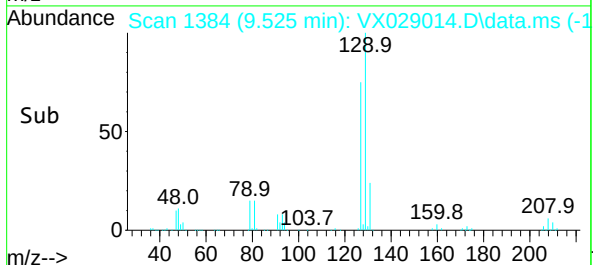
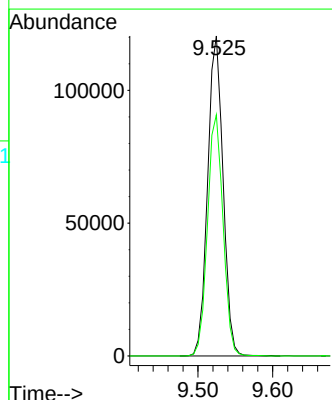
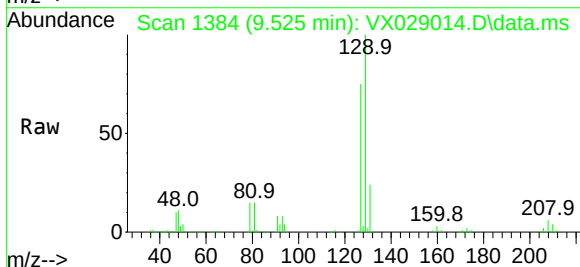
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

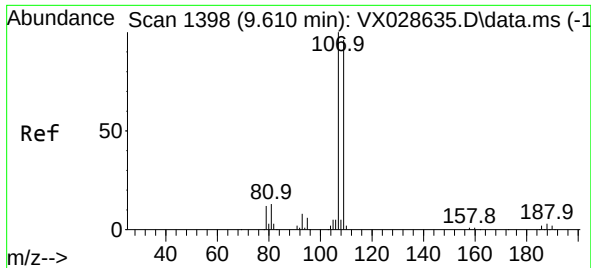
Tgt Ion: 43 Resp: 857760  
Ion Ratio Lower Upper  
43 100  
58 60.0 31.9 95.7



#60  
Dibromochloromethane  
Concen: 56.441 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 129 Resp: 172373  
Ion Ratio Lower Upper  
129 100  
127 76.1 40.3 120.8

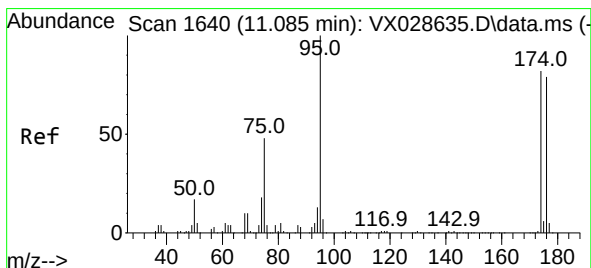
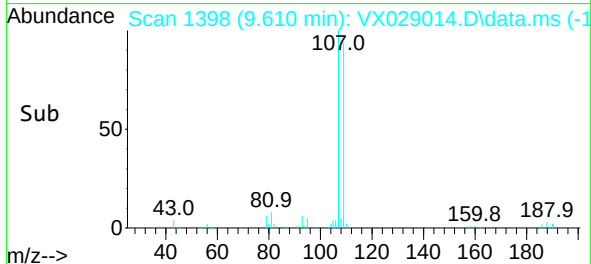
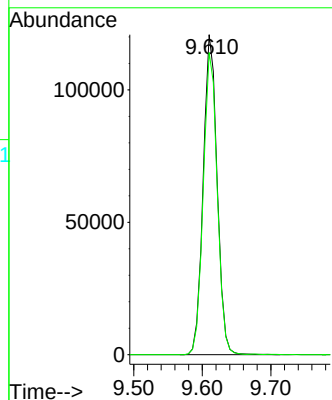
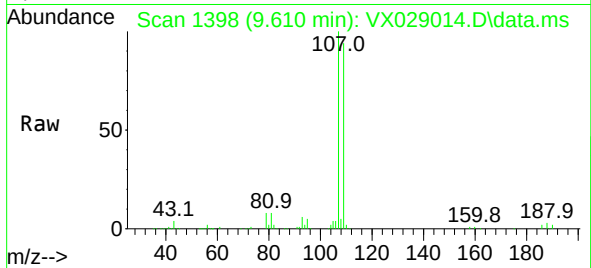




#61  
1,2-Dibromoethane  
Concen: 51.988 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

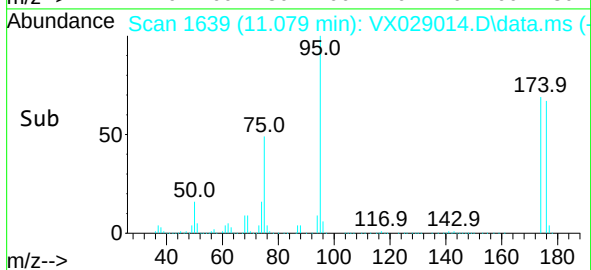
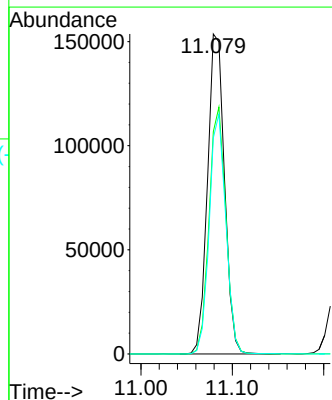
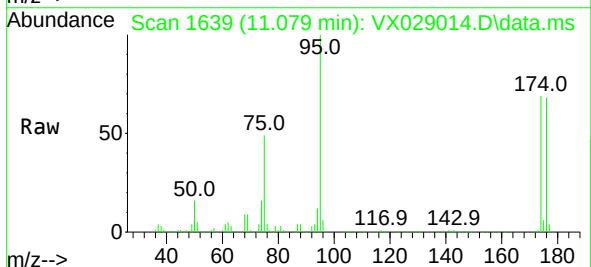
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

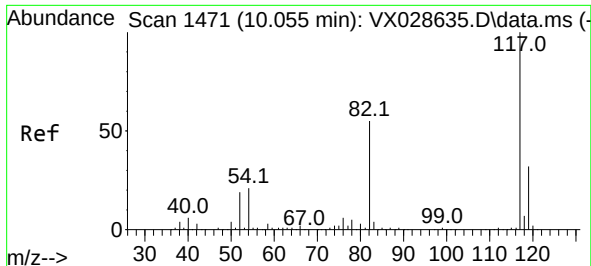
Tgt Ion:107 Resp: 170987  
Ion Ratio Lower Upper  
107 100  
109 94.6 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 50.979 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 95 Resp: 198534  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 163.0  
176 72.8 0.0 155.0

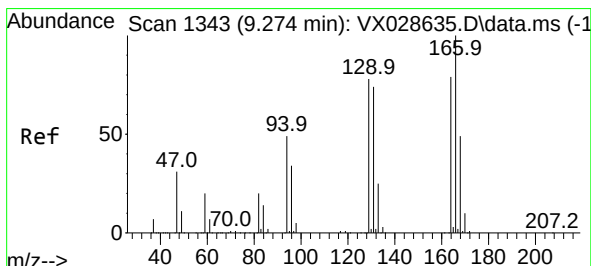
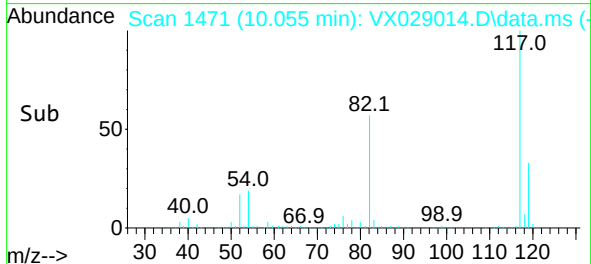
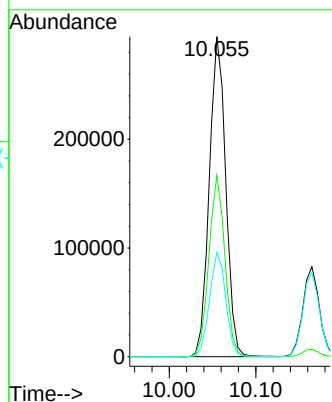
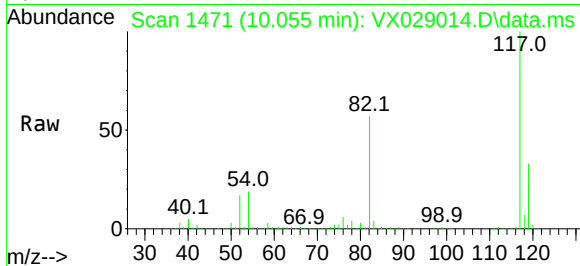




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

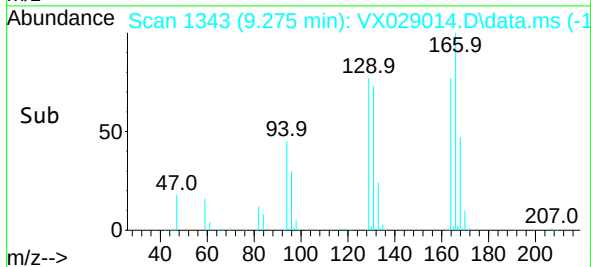
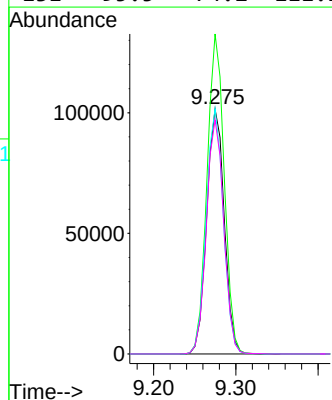
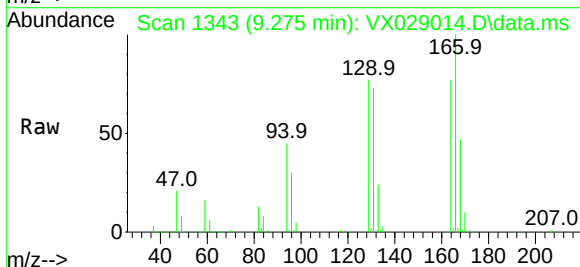
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

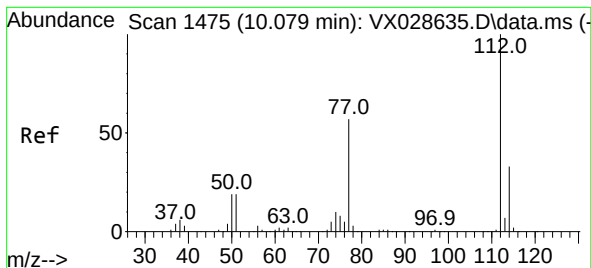
Tgt Ion:117 Resp: 388313  
Ion Ratio Lower Upper  
117 100  
82 56.6 41.8 62.8  
119 32.6 24.8 37.2



#64  
Tetrachloroethene  
Concen: 51.374 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion:164 Resp: 150649  
Ion Ratio Lower Upper  
164 100  
166 130.6 101.2 151.8  
129 100.0 73.0 109.4  
131 95.5 74.2 111.2

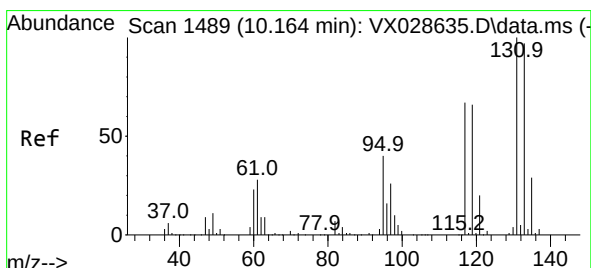
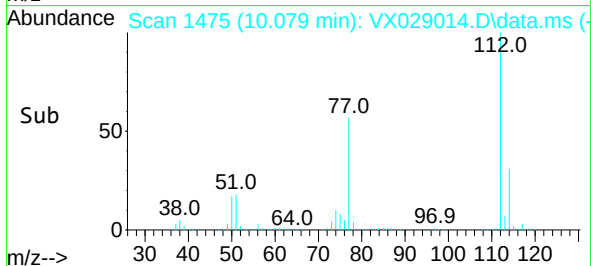
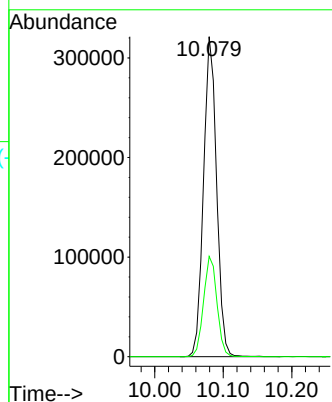
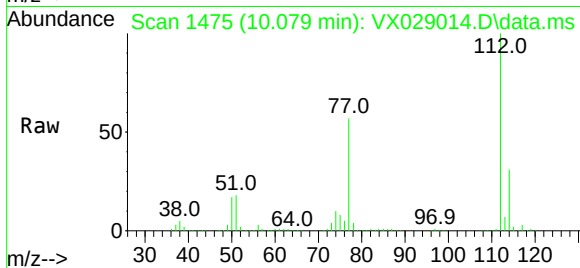




#65  
Chlorobenzene  
Concen: 51.839 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

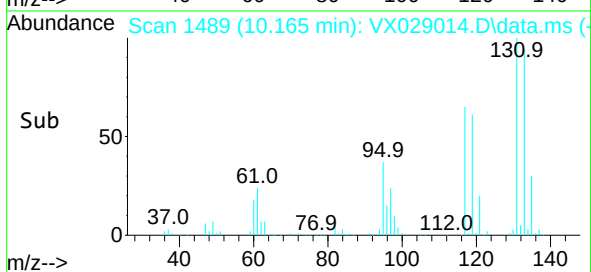
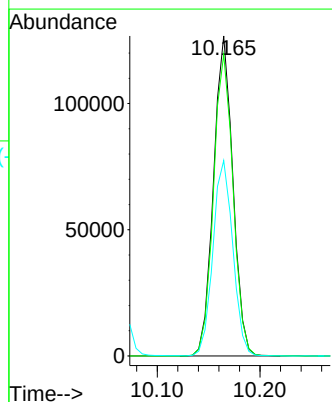
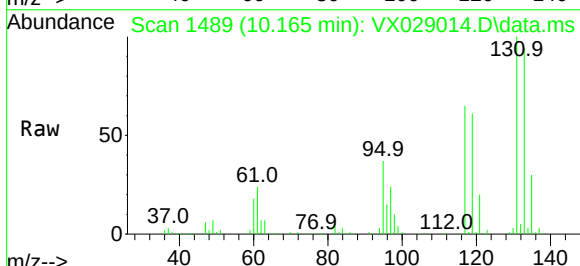
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

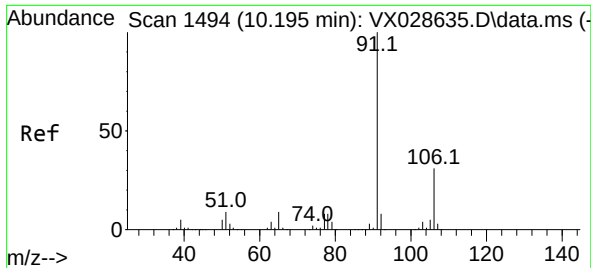
Tgt Ion:112 Resp: 427042  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.719 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion:131 Resp: 165514  
Ion Ratio Lower Upper  
131 100  
133 95.4 48.3 144.8  
119 62.7 32.6 98.0

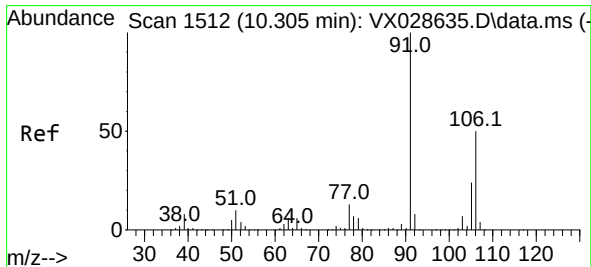
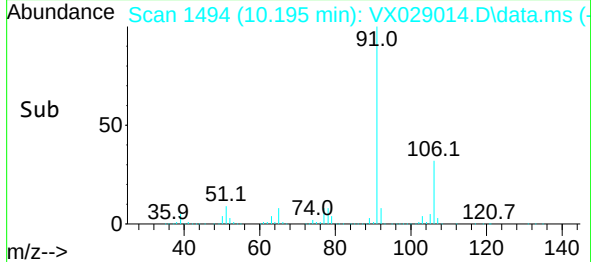
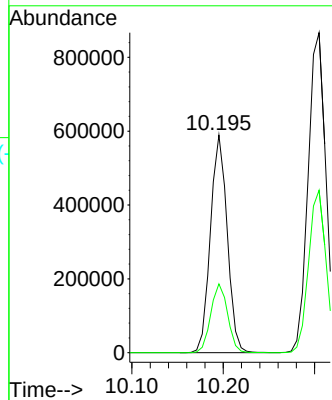
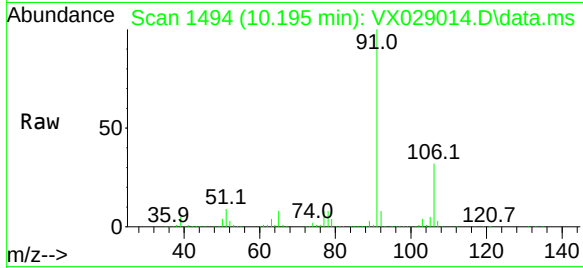




#67  
Ethyl Benzene  
Concen: 50.866 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

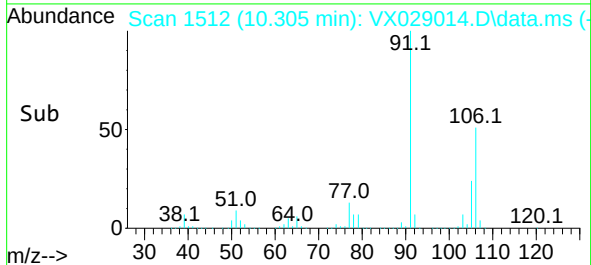
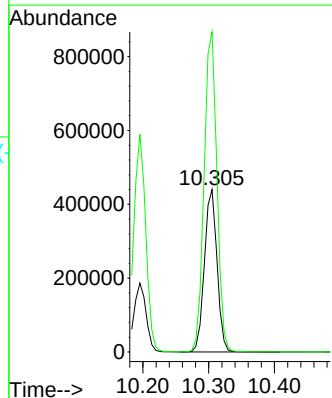
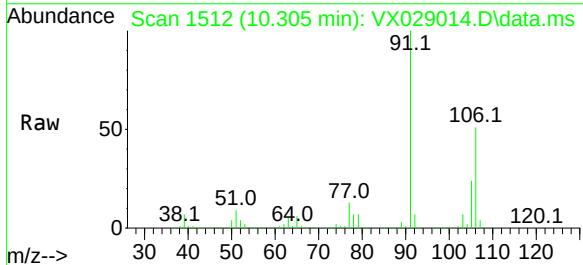
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

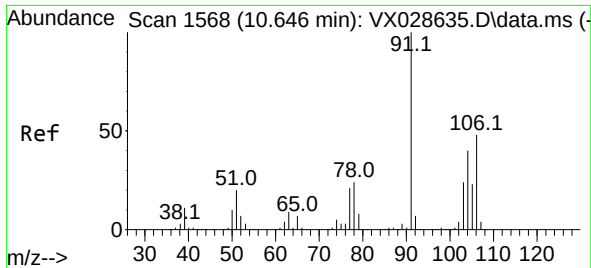
Tgt Ion: 91 Resp: 751062  
Ion Ratio Lower Upper  
91 100  
106 31.6 24.6 36.8



#68  
m/p-Xylenes  
Concen: 101.814 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 106 Resp: 585287  
Ion Ratio Lower Upper  
106 100  
91 200.6 160.4 240.6

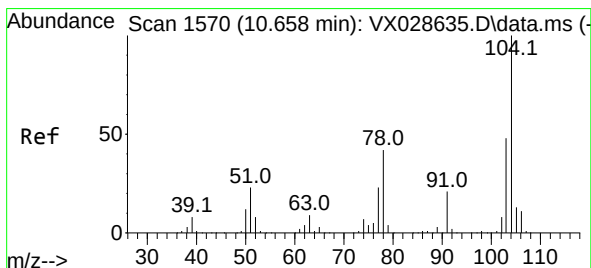
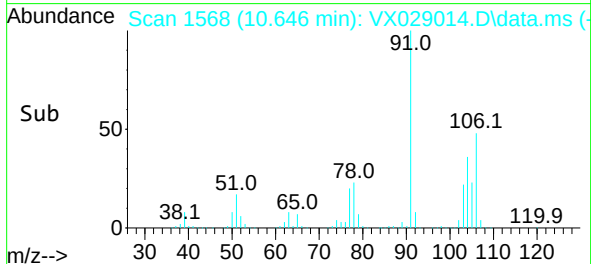
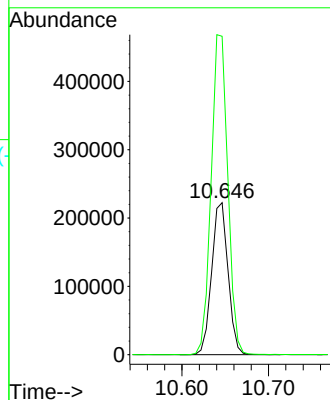
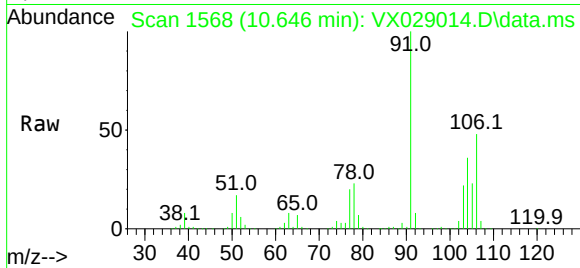




#69  
o-Xylene  
Concen: 51.574 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

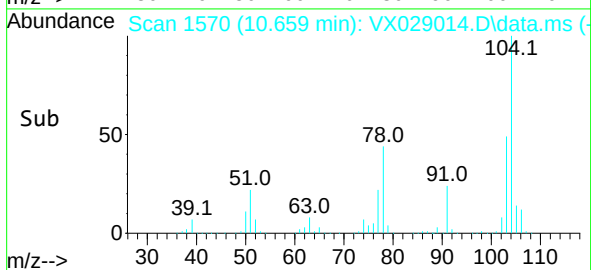
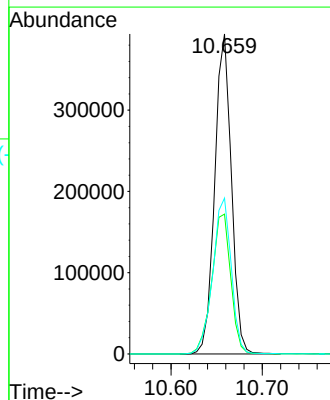
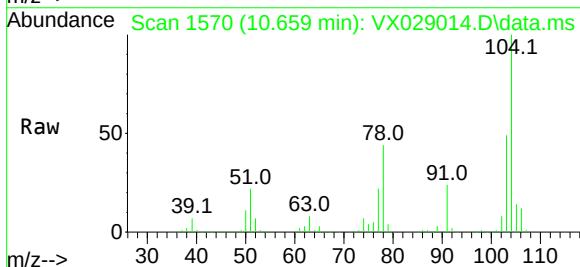
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

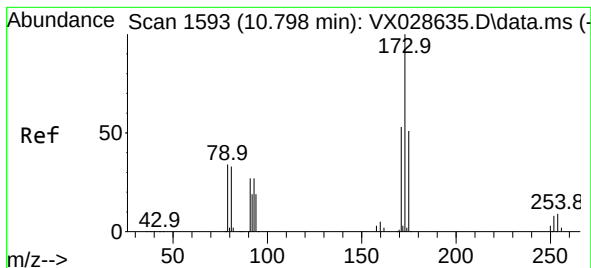
Tgt Ion:106 Resp: 291896  
Ion Ratio Lower Upper  
106 100  
91 214.2 106.1 318.1



#70  
Styrene  
Concen: 54.197 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion:104 Resp: 498130  
Ion Ratio Lower Upper  
104 100  
78 50.0 38.6 57.8  
103 54.3 43.8 65.8





#71

Bromoform

Concen: 51.082 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

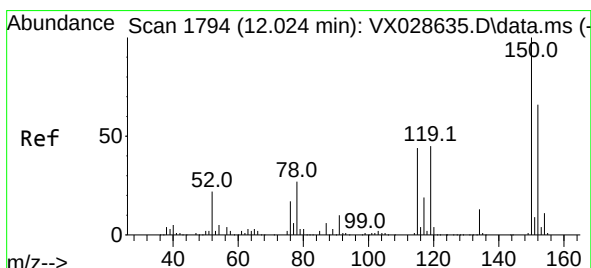
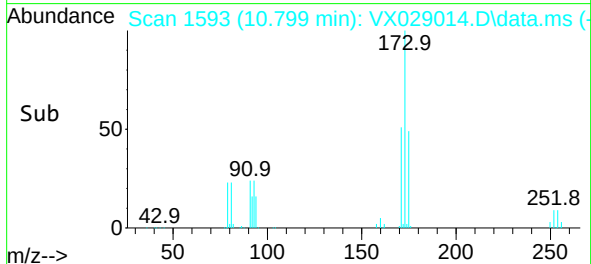
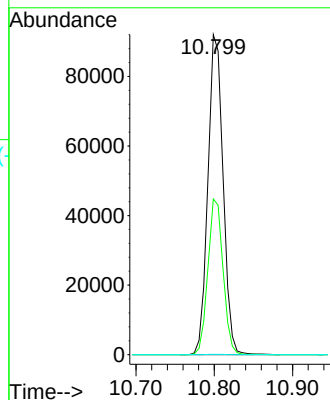
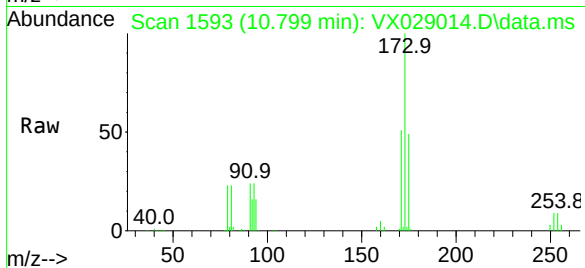
Tgt Ion:173 Resp: 123629

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

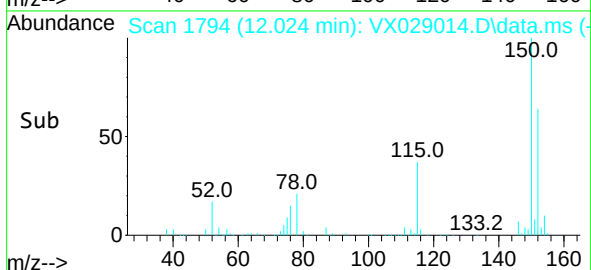
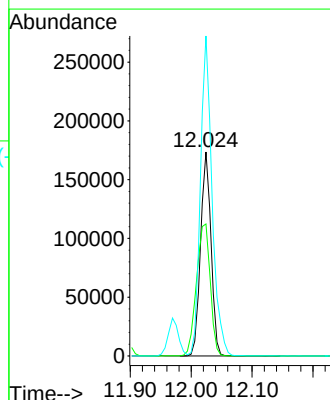
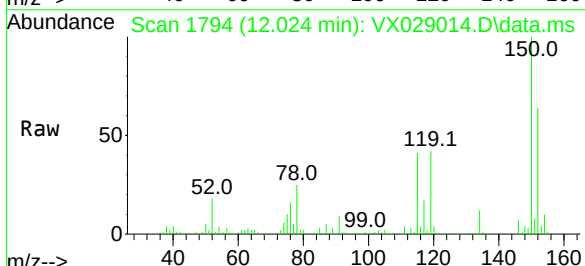
Tgt Ion:152 Resp: 207382

Ion Ratio Lower Upper

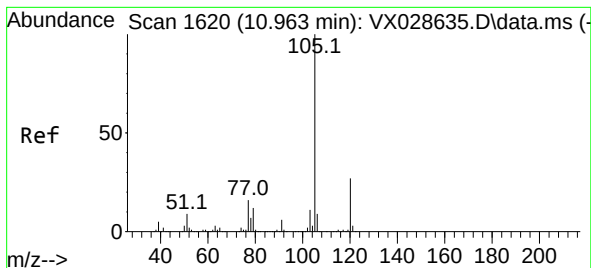
152 100

115 85.2 37.5 112.7

150 174.5 0.0 338.2







#73

Isopropylbenzene

Concen: 49.177 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

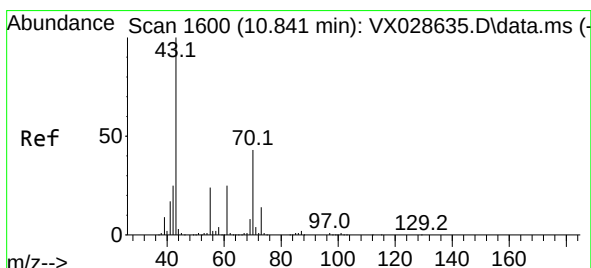
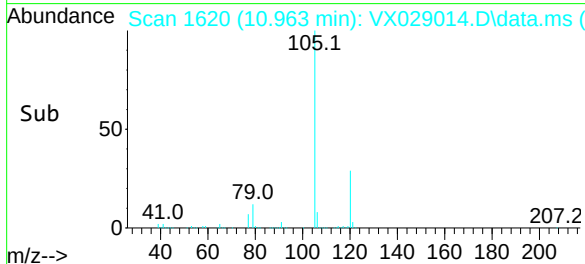
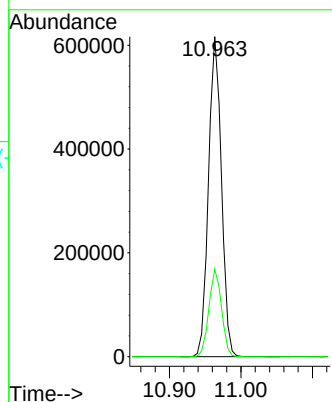
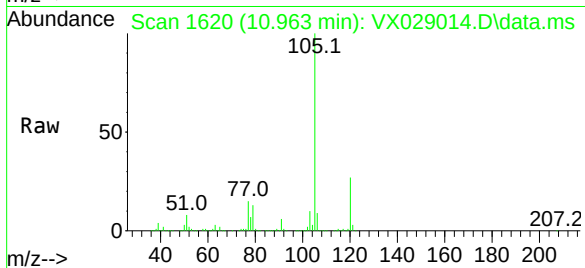
VSTDCCC050EC

Tgt Ion:105 Resp: 773398

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 47.979 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.007 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Tgt Ion: 43 Resp: 296613

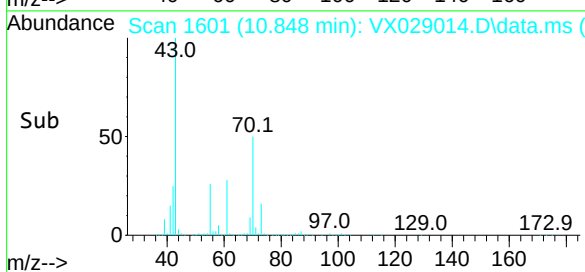
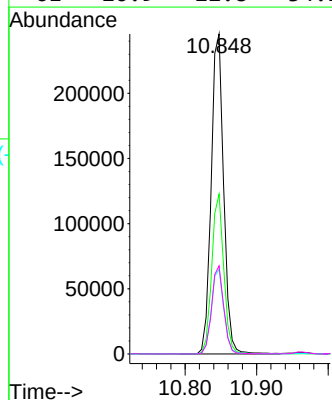
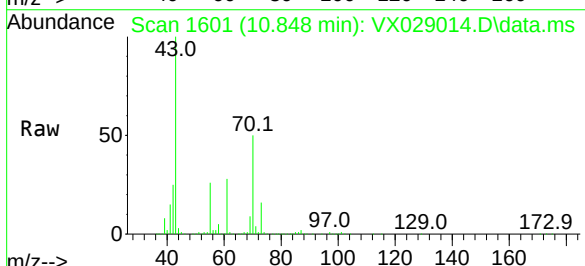
Ion Ratio Lower Upper

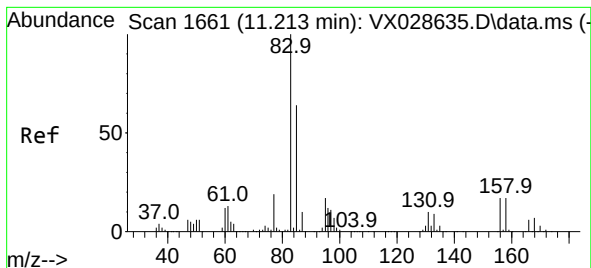
43 100

70 48.4 42.5 63.7

55 26.7 23.1 34.7

61 26.9 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.260 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

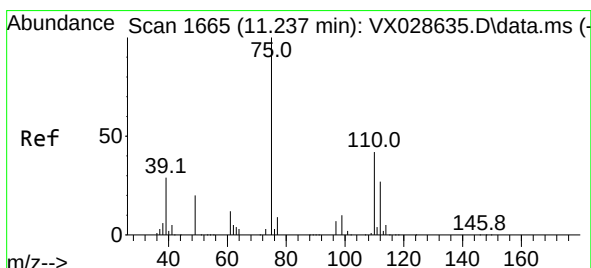
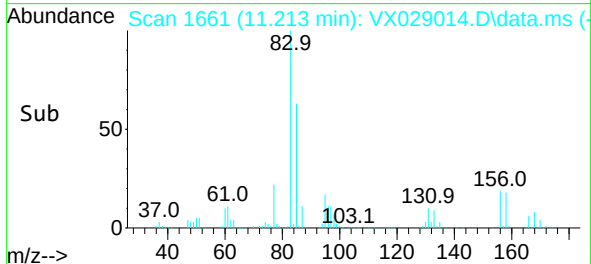
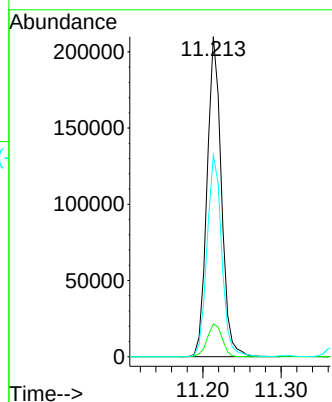
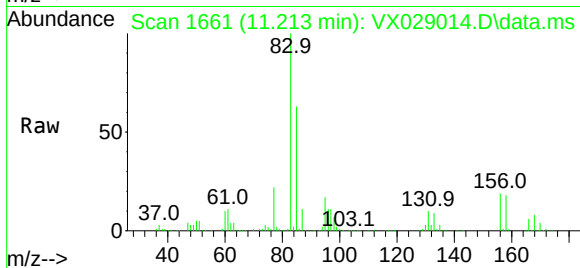
Tgt Ion: 83 Resp: 265774

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

85 64.5 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 57.688 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.007 min

Lab File: VX029014.D

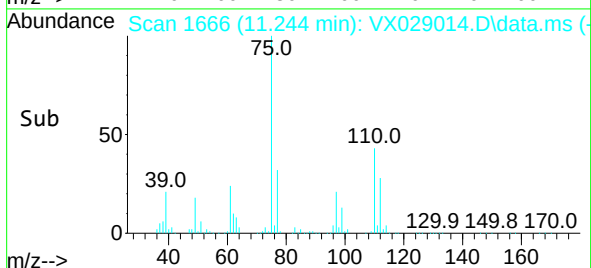
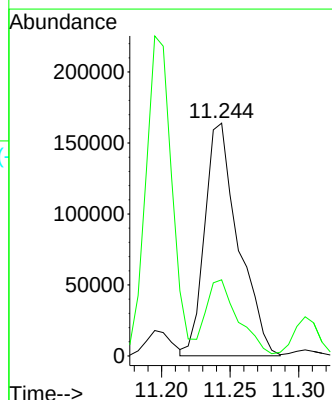
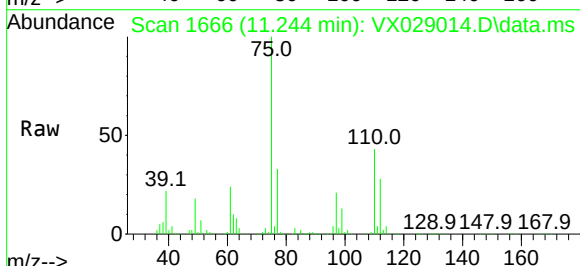
Acq: 26 May 2022 21:05

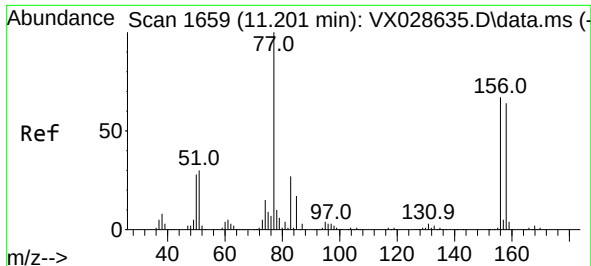
Tgt Ion: 75 Resp: 280172

Ion Ratio Lower Upper

75 100

77 31.0 19.4 58.2

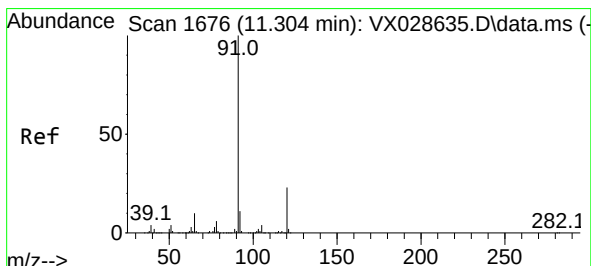
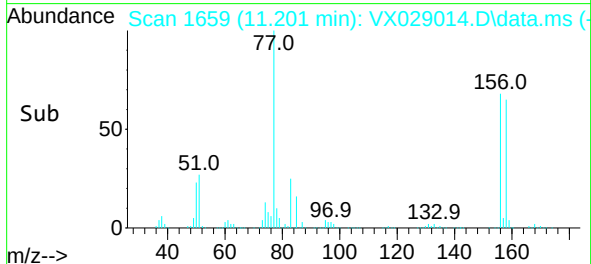
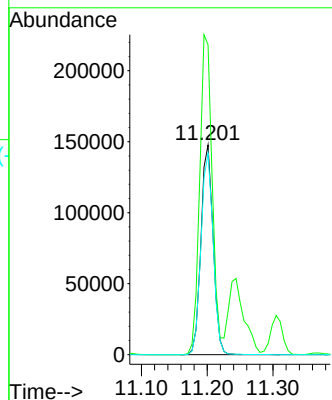
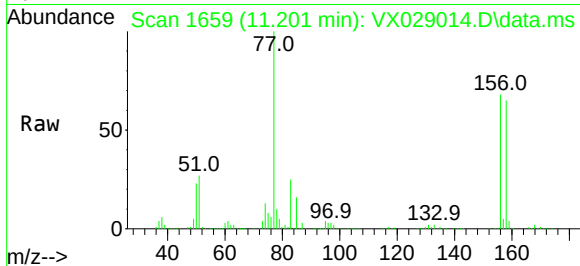




#77  
Bromobenzene  
Concen: 51.018 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

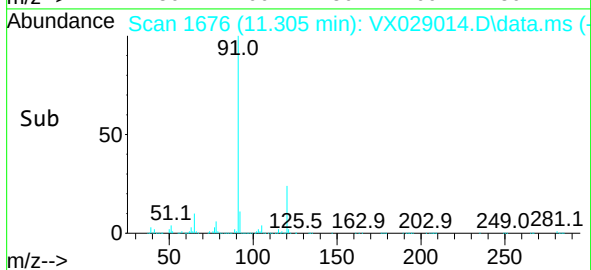
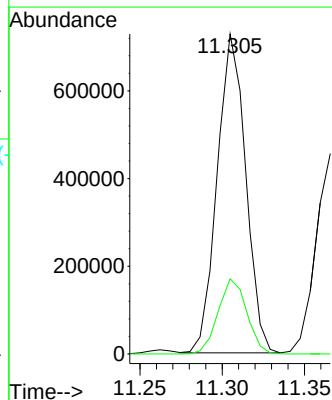
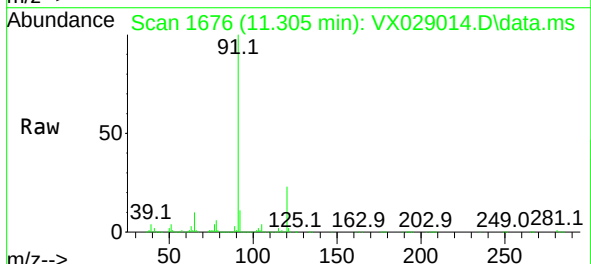
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

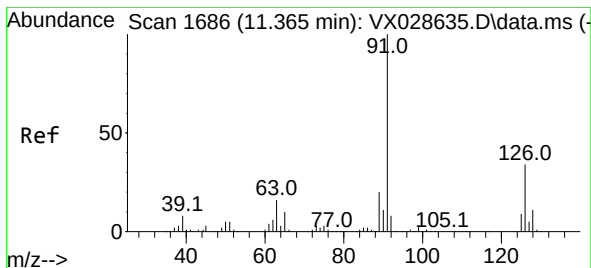
Tgt Ion:156 Resp: 189844  
Ion Ratio Lower Upper  
156 100  
77 158.2 78.5 235.3  
158 96.2 50.2 150.7



#78  
n-propylbenzene  
Concen: 48.202 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 91 Resp: 876866  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 49.179 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

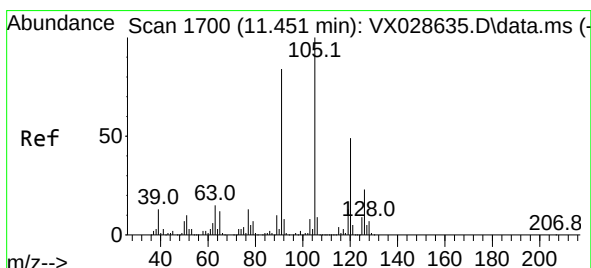
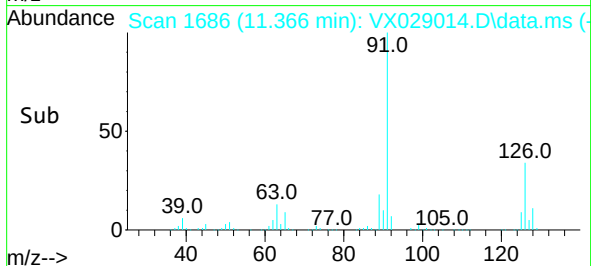
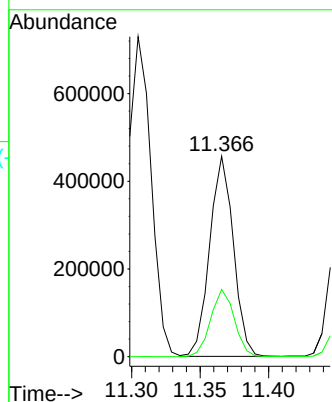
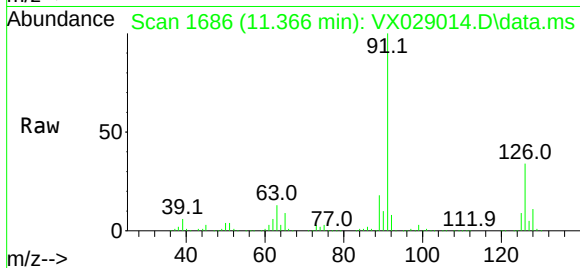
VSTDCCC050EC

Tgt Ion: 91 Resp: 548340

Ion Ratio Lower Upper

91 100

126 33.6 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 50.718 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029014.D

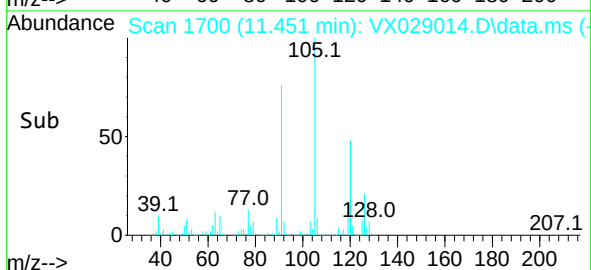
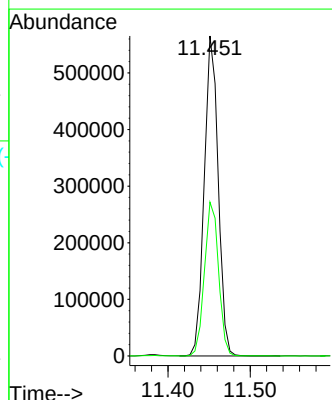
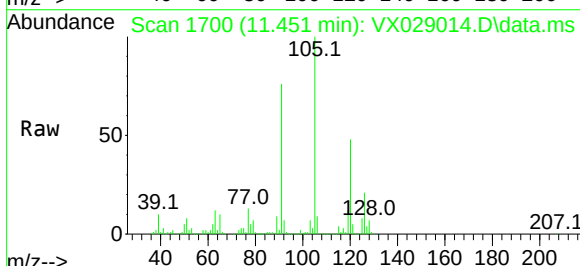
Acq: 26 May 2022 21:05

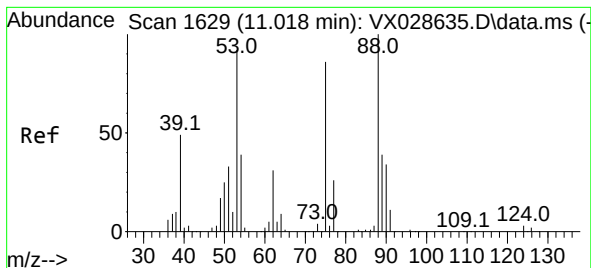
Tgt Ion: 105 Resp: 664624

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.9

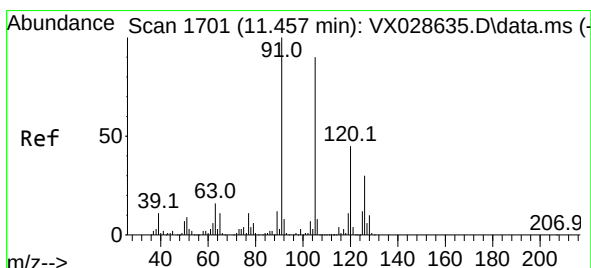
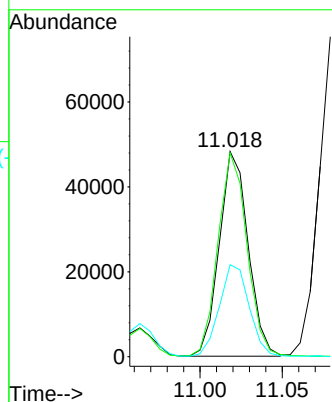
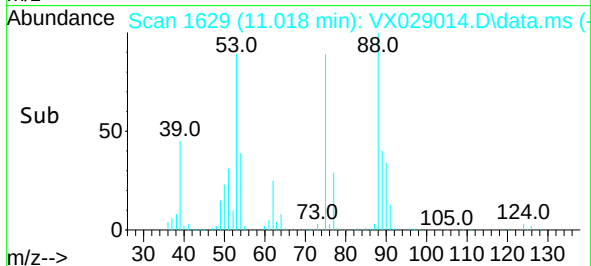
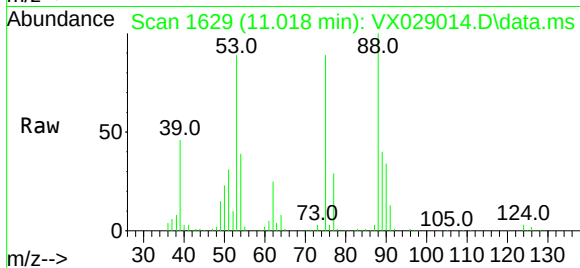




#81  
trans-1,4-Dichloro-2-butene  
Concen: 37.194 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

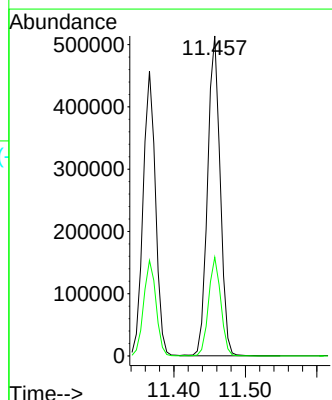
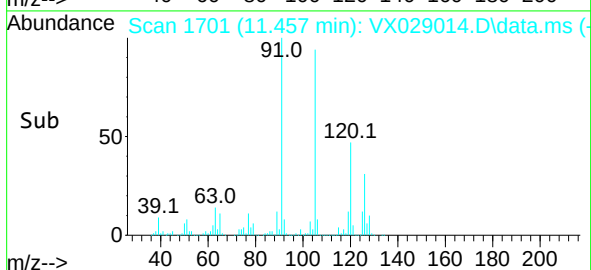
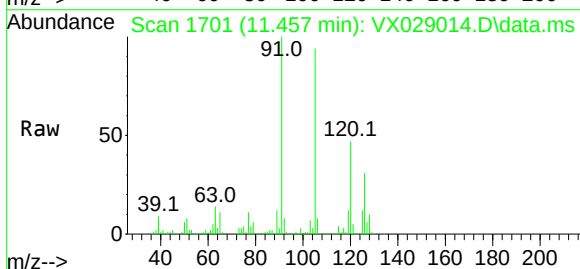
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

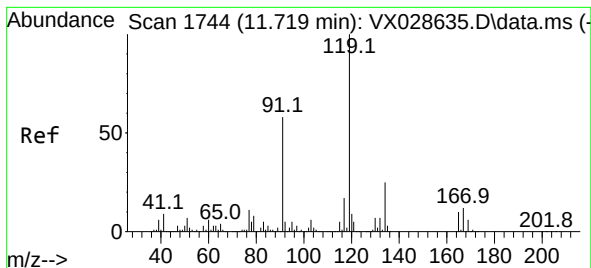
Tgt Ion: 75 Resp: 58803  
Ion Ratio Lower Upper  
75 100  
53 99.8 69.0 103.4  
89 46.3 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 48.726 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 91 Resp: 628065  
Ion Ratio Lower Upper  
91 100  
126 30.0 14.9 44.5





#83

tert-Butylbenzene

Concen: 53.199 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

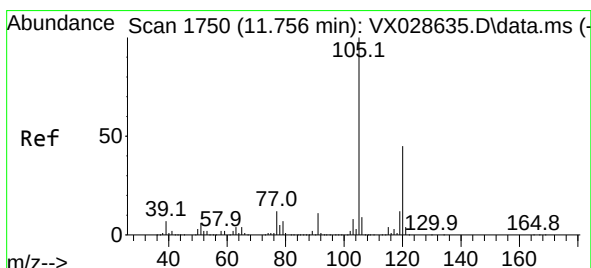
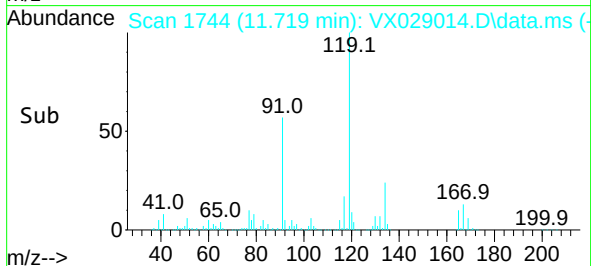
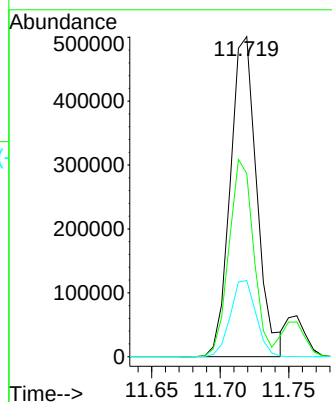
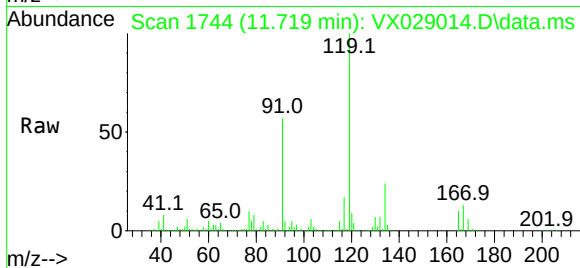
Tgt Ion:119 Resp: 674981

Ion Ratio Lower Upper

119 100

91 57.2 26.9 80.6

134 23.1 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 50.714 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX029014.D

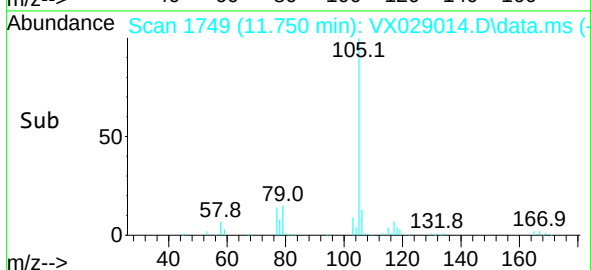
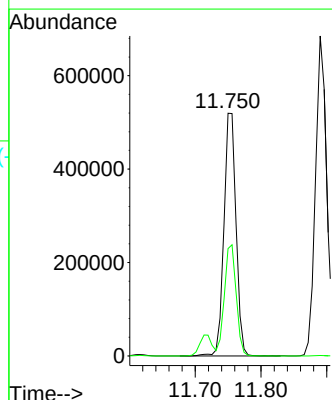
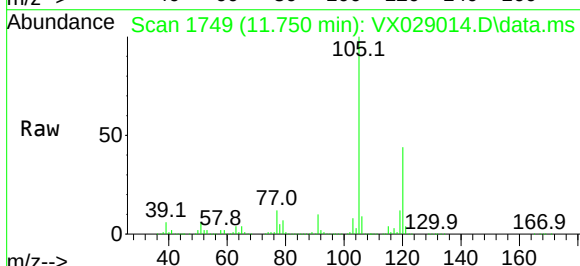
Acq: 26 May 2022 21:05

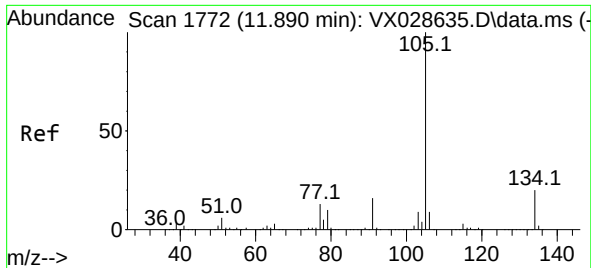
Tgt Ion:105 Resp: 666430

Ion Ratio Lower Upper

105 100

120 44.6 22.6 67.8

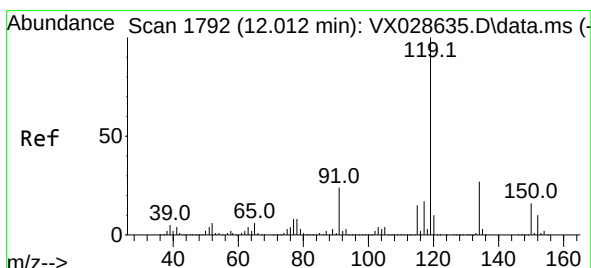
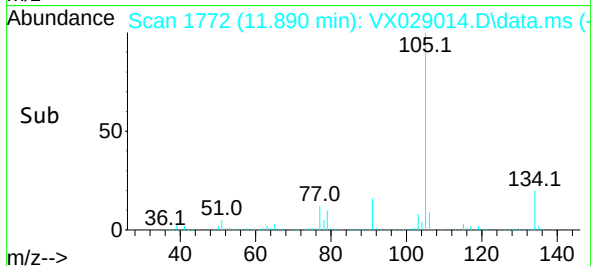
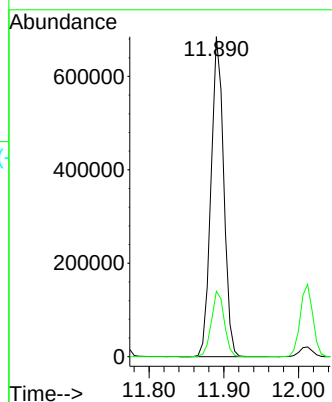
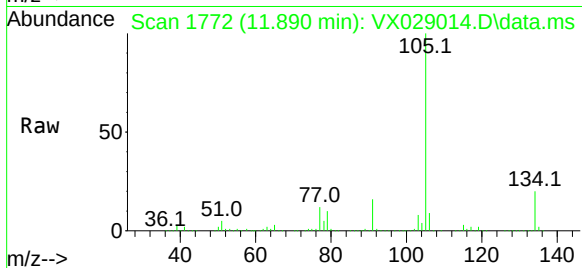




#85  
 sec-Butylbenzene  
 Concen: 51.807 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX029014.D  
 Acq: 26 May 2022 21:05

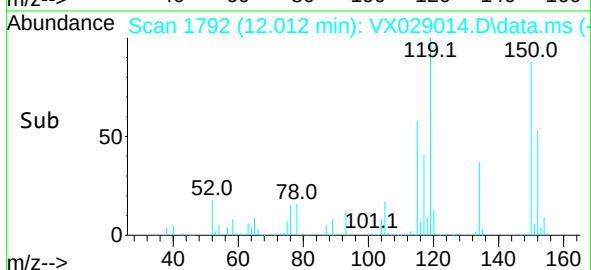
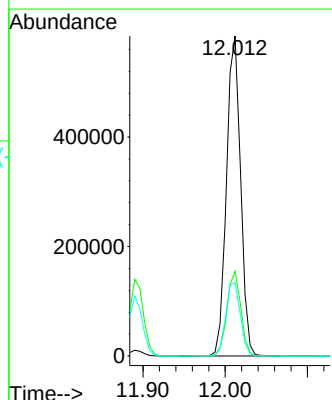
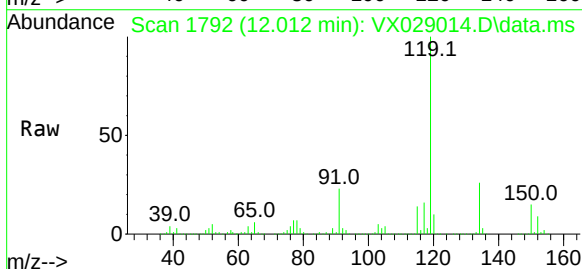
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

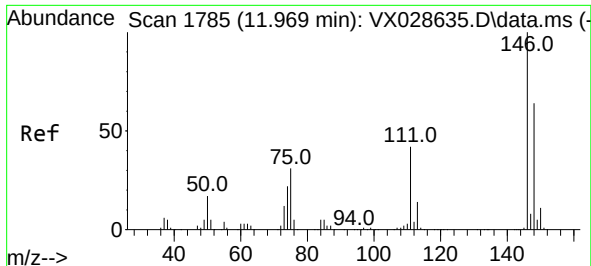
Tgt Ion:105 Resp: 810810  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 53.207 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX029014.D  
 Acq: 26 May 2022 21:05

Tgt Ion:119 Resp: 698744  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.0 39.0  
 91 23.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 50.541 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

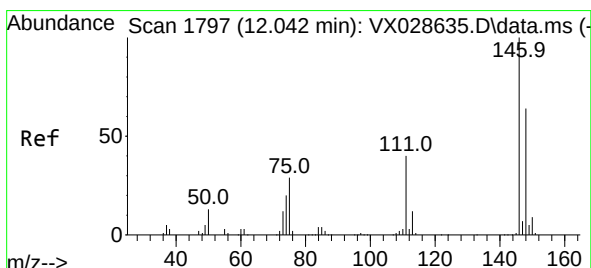
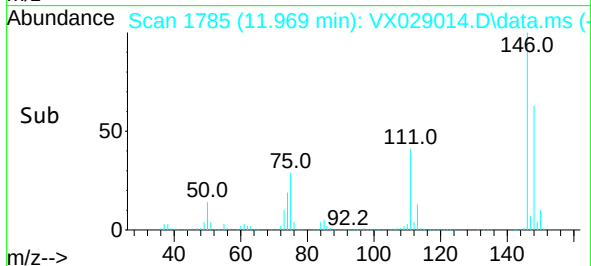
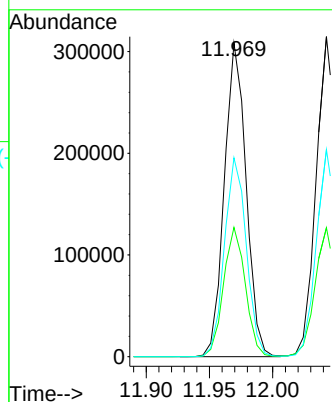
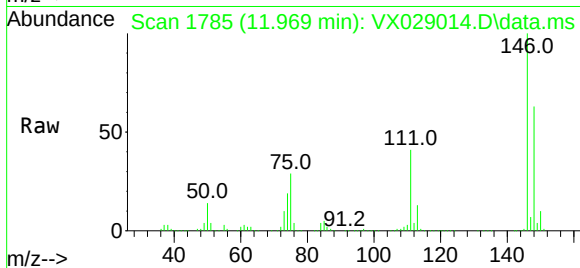
Tgt Ion:146 Resp: 368884

Ion Ratio Lower Upper

146 100

111 41.3 19.7 59.1

148 63.8 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 48.743 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

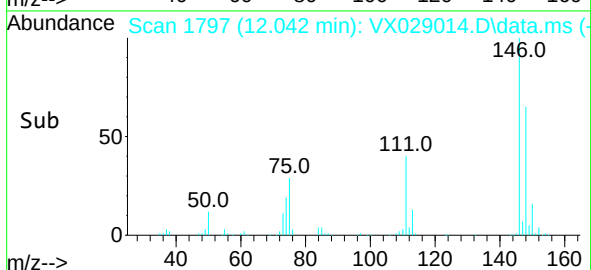
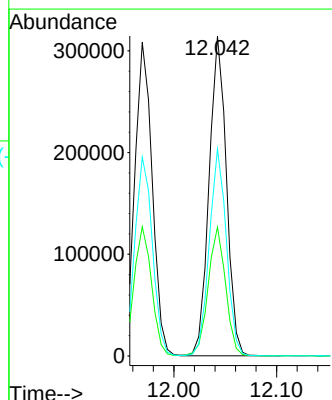
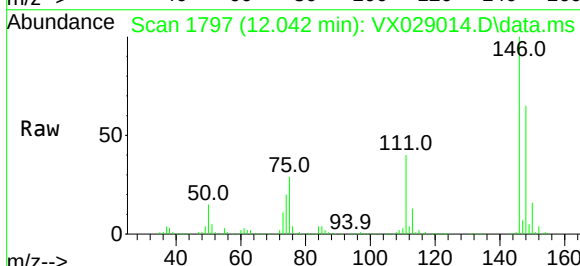
Tgt Ion:146 Resp: 369014

Ion Ratio Lower Upper

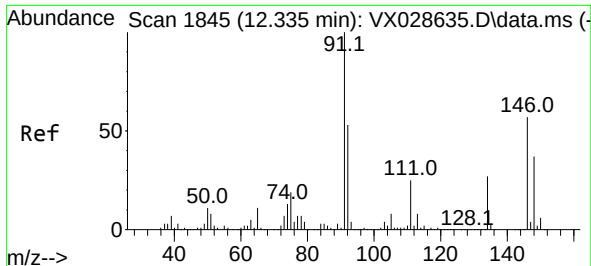
146 100

111 40.5 19.2 57.6

148 64.1 32.3 96.9







#89

n-Butylbenzene

Concen: 51.418 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

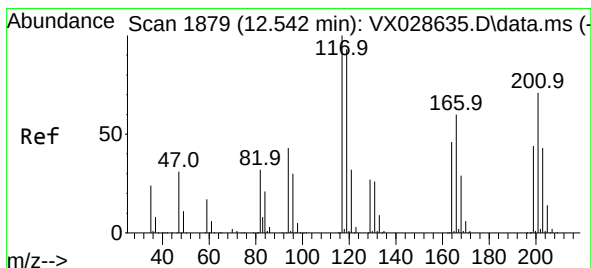
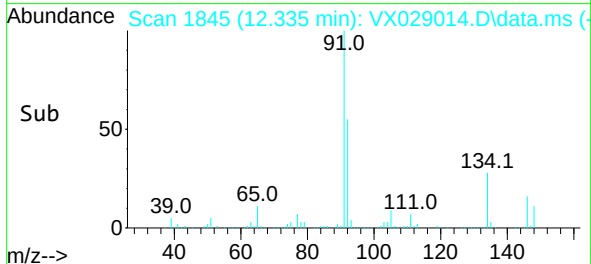
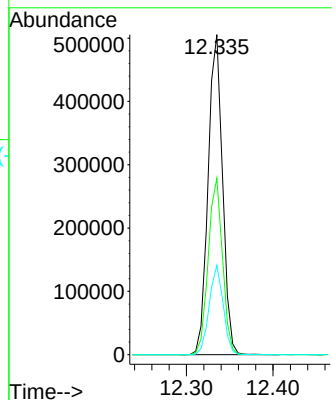
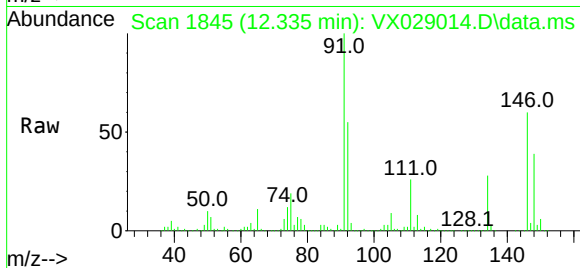
Tgt Ion: 91 Resp: 585067

Ion Ratio Lower Upper

91 100

92 54.5 27.8 83.3

134 27.1 13.3 39.8



#90

Hexachloroethane

Concen: 51.188 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX029014.D

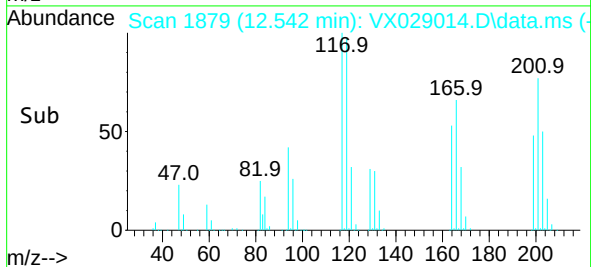
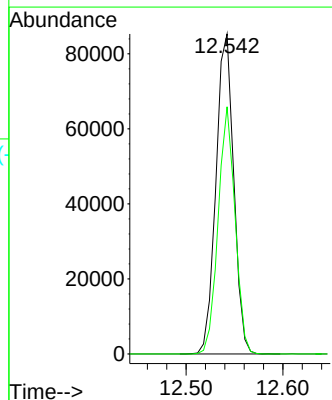
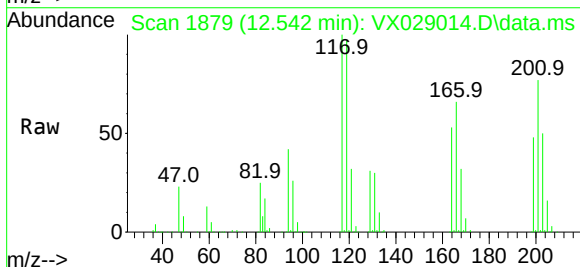
Acq: 26 May 2022 21:05

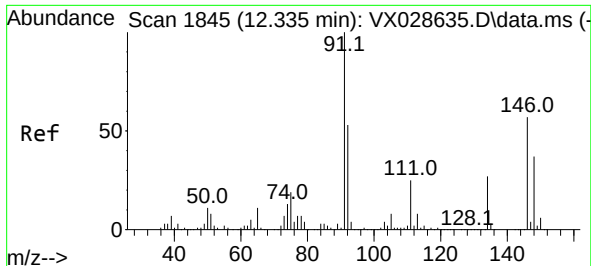
Tgt Ion: 117 Resp: 108710

Ion Ratio Lower Upper

117 100

201 73.5 39.5 118.5

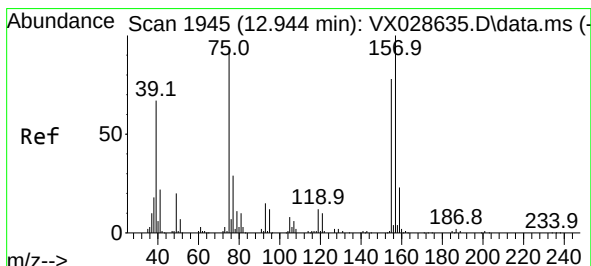
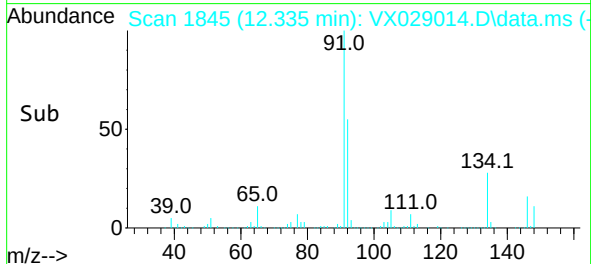
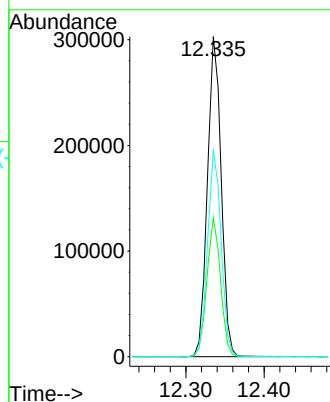
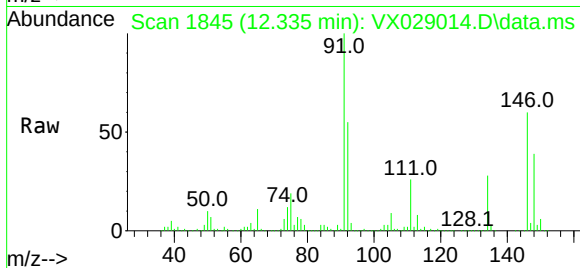




#91  
1,2-Dichlorobenzene  
Concen: 51.401 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

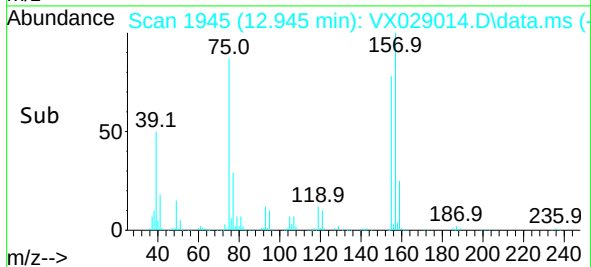
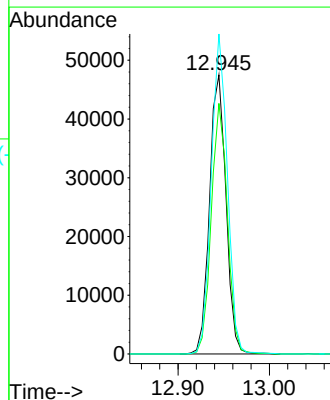
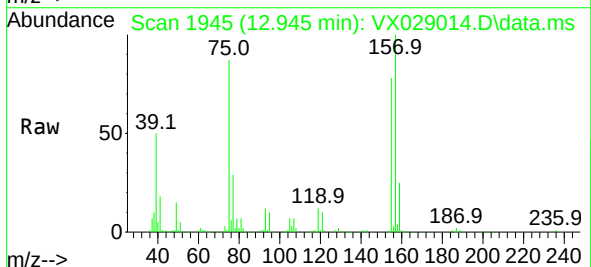
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

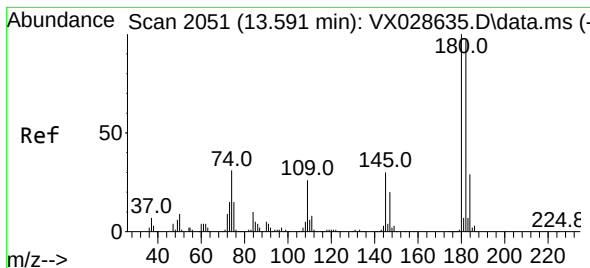
Tgt Ion:146 Resp: 368547  
Ion Ratio Lower Upper  
146 100  
111 42.9 21.0 63.0  
148 63.8 32.6 97.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.484 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.001 min  
Lab File: VX029014.D  
Acq: 26 May 2022 21:05

Tgt Ion: 75 Resp: 59311  
Ion Ratio Lower Upper  
75 100  
155 88.1 47.0 141.2  
157 112.2 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 56.093 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

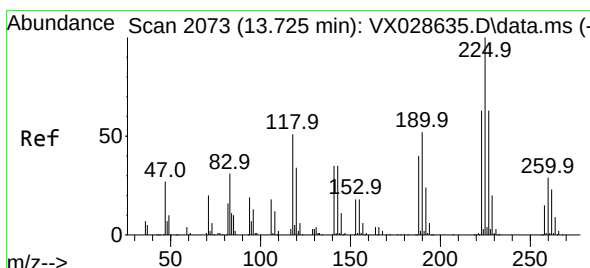
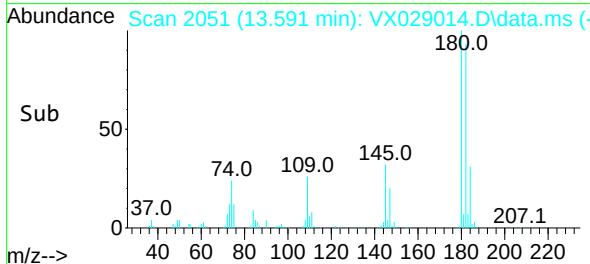
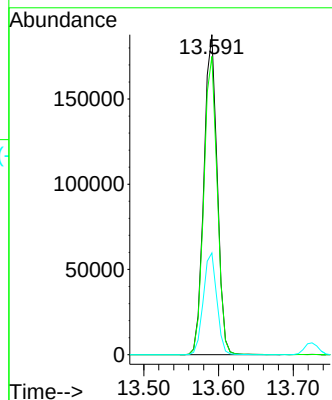
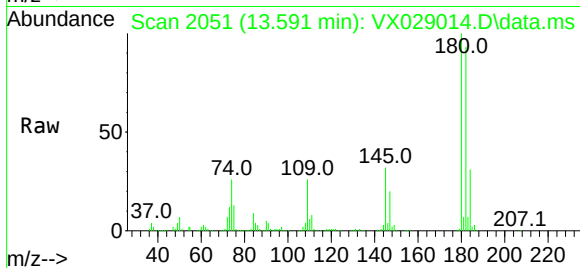
Tgt Ion:180 Resp: 232291

Ion Ratio Lower Upper

180 100

182 93.9 47.7 143.1

145 32.2 15.2 45.5



#94

Hexachlorobutadiene

Concen: 57.006 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

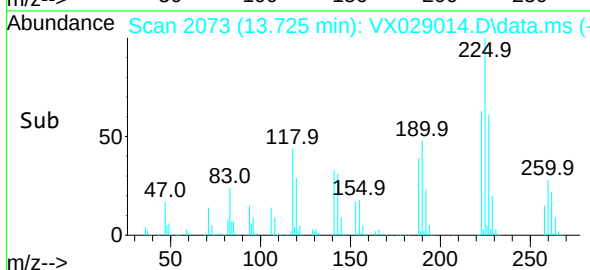
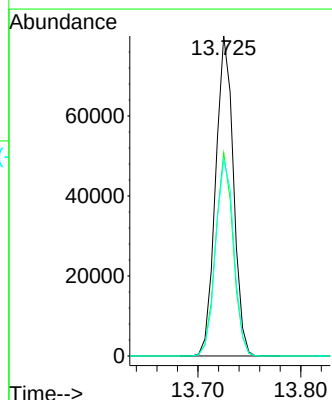
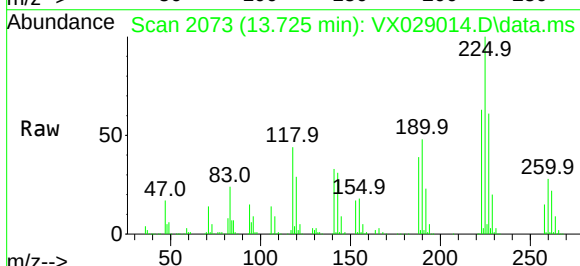
Tgt Ion:225 Resp: 95906

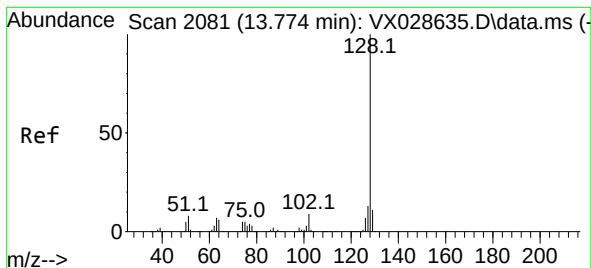
Ion Ratio Lower Upper

225 100

223 62.4 34.2 102.5

227 62.6 33.9 101.7





#95

Naphthalene

Concen: 56.689 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

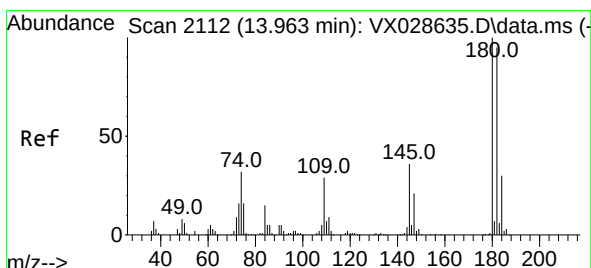
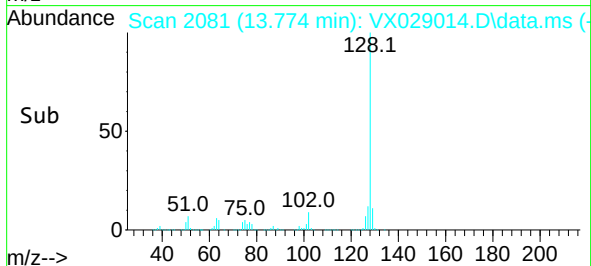
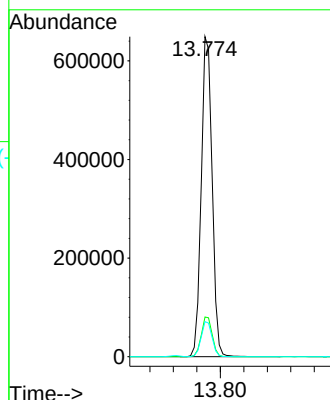
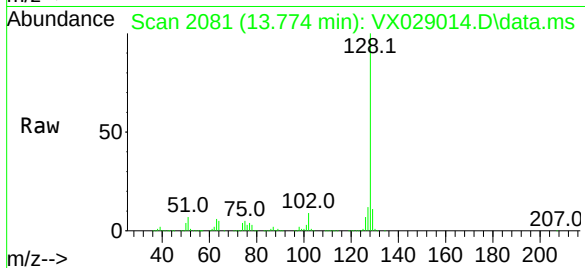
Tgt Ion:128 Resp: 835396

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 55.966 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX029014.D

Acq: 26 May 2022 21:05

Tgt Ion:180 Resp: 232779

Ion Ratio Lower Upper

180 100

182 95.9 50.0 149.8

145 34.8 16.2 48.5

