

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041223\  
 Data File : VX035005.D  
 Acq On : 11 Apr 2023 13:29  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050

Quant Time: Apr 12 05:47:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 303854   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 489975   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 440965   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 220496   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 219636   | 47.264   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 94.520%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 166135   | 51.264   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.520% |
| 50) Toluene-d8              | 8.647  | 98    | 611077   | 51.085   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 102.180% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 243354   | 52.572   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 105.140% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 153059  | 50.504  | ug/l   | 99  |
| 3) Chloromethane             | 1.294 | 50  | 170938  | 45.049  | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.374 | 62  | 171415  | 45.625  | ug/l   | 99  |
| 5) Bromomethane              | 1.618 | 94  | 108855  | 44.587  | ug/l   | 98  |
| 6) Chloroethane              | 1.691 | 64  | 103211  | 42.223  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 245813  | 40.698  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.130 | 74  | 99814   | 46.875  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 156324  | 49.518  | ug/l   | 99  |
| 10) Methyl Iodide            | 2.453 | 142 | 170257  | 43.308  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 3.026 | 59  | 163781  | 200.876 | ug/l # | 89  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 145353  | 46.597  | ug/l   | 95  |
| 13) Acrolein                 | 2.239 | 56  | 263380  | 313.806 | ug/l   | 99  |
| 14) Allyl chloride           | 2.666 | 41  | 286468  | 46.875  | ug/l   | 98  |
| 15) Acrylonitrile            | 3.062 | 53  | 438249  | 238.793 | ug/l   | 99  |
| 16) Acetone                  | 2.392 | 43  | 465772  | 246.731 | ug/l   | 98  |
| 17) Carbon Disulfide         | 2.514 | 76  | 343528  | 43.972  | ug/l   | 99  |
| 18) Methyl Acetate           | 2.703 | 43  | 321062  | 47.867  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 549130  | 47.547  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 174777  | 46.918  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 159538  | 46.894  | ug/l   | 95  |
| 22) Diisopropyl ether        | 3.757 | 45  | 584411  | 47.394  | ug/l   | 90  |
| 23) Vinyl Acetate            | 3.715 | 43  | 2132555 | 242.493 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 313571  | 47.263  | ug/l   | 98  |
| 25) 2-Butanone               | 4.562 | 43  | 644246  | 234.612 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 258671  | 47.410  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 190022  | 47.138  | ug/l   | 99  |
| 28) Bromochloromethane       | 4.891 | 49  | 152617  | 47.025  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 5.007 | 42  | 393203  | 228.572 | ug/l   | 99  |
| 30) Chloroform               | 5.086 | 83  | 321075  | 47.646  | ug/l   | 99  |
| 31) Cyclohexane              | 5.464 | 56  | 274176  | 48.454  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 282619  | 49.146  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 238972  | 49.772  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.708 | 43  | 243453  | 48.493  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 239854  | 52.986  | ug/l   | 97  |
| 39) Methylcyclohexane        | 7.379 | 83  | 261541  | 51.298  | ug/l   | 96  |
| 40) Benzene                  | 6.037 | 78  | 675153  | 48.986  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041223\  
 Data File : VX035005.D  
 Acq On : 11 Apr 2023 13:29  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Apr 12 05:47:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 140415   | 51.429  | ug/l  | 98       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 265798   | 48.507  | ug/l  | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 413258   | 49.202  | ug/l  | 100      |
| 44) Trichloroethene           | 7.123  | 130  | 178779   | 50.814  | ug/l  | 99       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 180144   | 50.158  | ug/l  | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 121357   | 49.109  | ug/l  | 99       |
| 47) Bromodichloromethane      | 7.818  | 83   | 240522   | 52.693  | ug/l  | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 208538   | 50.557  | ug/l  | 97       |
| 49) 1,4-Dioxane               | 7.720  | 88   | 75288    | 885.688 | ug/l  | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1233152  | 248.073 | ug/l  | 100      |
| 52) Toluene                   | 8.714  | 92   | 435722   | 48.486  | ug/l  | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 262445   | 53.446  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 285977   | 53.217  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 174776   | 51.386  | ug/l  | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 278443   | 52.251  | ug/l  | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 300205   | 49.839  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 810938   | 298.866 | ug/l  | 98       |
| 59) 2-Hexanone                | 9.427  | 43   | 949469   | 252.532 | ug/l  | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 179829   | 55.503  | ug/l  | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 181000   | 51.177  | ug/l  | 100      |
| 64) Tetrachloroethene         | 9.269  | 164  | 152448   | 48.308  | ug/l  | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 460079   | 50.146  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 170068   | 53.907  | ug/l  | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 840667   | 50.580  | ug/l  | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 649805   | 102.348 | ug/l  | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 316746   | 50.927  | ug/l  | 99       |
| 70) Styrene                   | 10.653 | 104  | 532751   | 53.658  | ug/l  | 98       |
| 71) Bromoform                 | 10.799 | 173  | 120833   | 56.314  | ug/l  | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 826379   | 51.165  | ug/l  | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 364723   | 50.224  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 258556   | 48.843  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 285435   | 64.246  | ug/l  | 83       |
| 77) Bromobenzene              | 11.195 | 156  | 195215   | 48.779  | ug/l  | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 951094   | 50.975  | ug/l  | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 589732   | 50.061  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 696462   | 51.573  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 73975    | 49.900  | ug/l  | 94       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 686131   | 50.156  | ug/l  | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 670580   | 52.880  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 701206   | 51.060  | ug/l  | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 813715   | 52.745  | ug/l  | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 698492   | 54.298  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 373399   | 51.233  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 375355   | 49.310  | ug/l  | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 606837   | 53.992  | ug/l  | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 111691   | 56.039  | ug/l  | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 367889   | 50.400  | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 54943    | 49.725  | ug/l  | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 227423   | 55.087  | ug/l  | 100      |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 94314    | 51.941  | ug/l  | 98       |
| 95) Naphthalene               | 13.774 | 128  | 767993   | 52.353  | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 222148   | 53.359  | ug/l  | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041223\  
Data File : VX035005.D  
Acq On : 11 Apr 2023 13:29  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

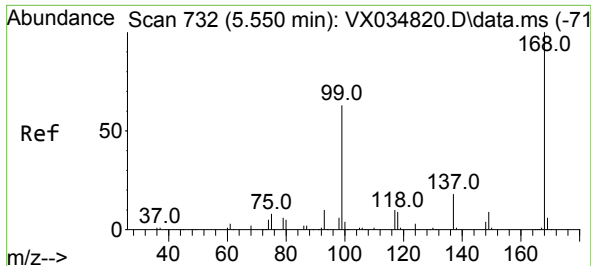
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Apr 12 05:47:34 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 01 01:50:18 2023  
Response via : Initial Calibration

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

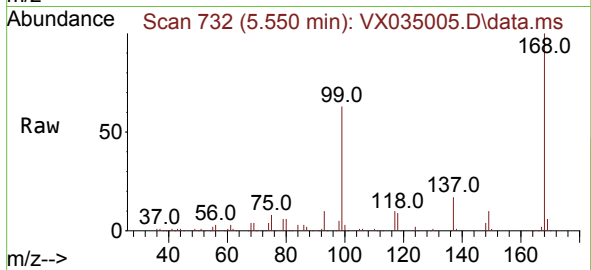
(#) = qualifier out of range (m) = manual integration (+) = signals summed



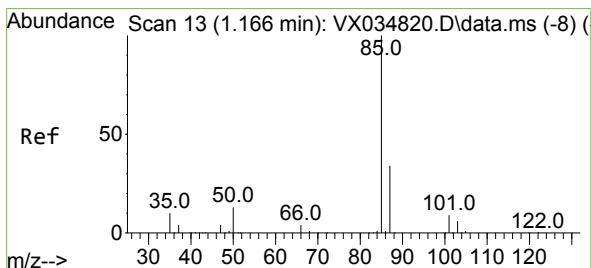
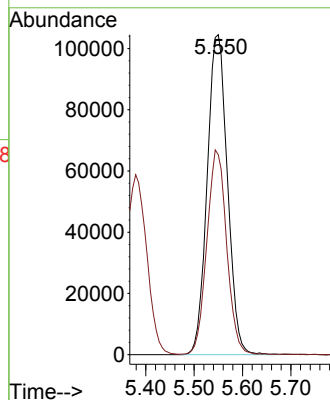
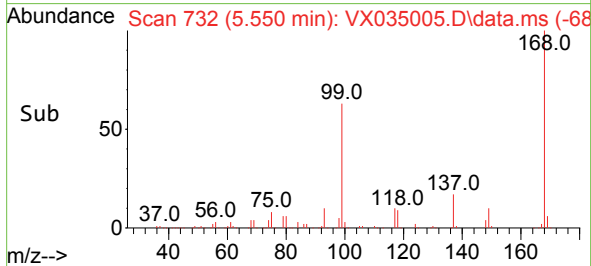


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

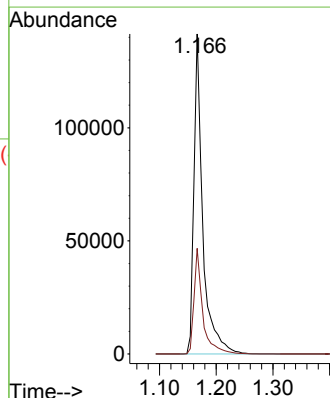
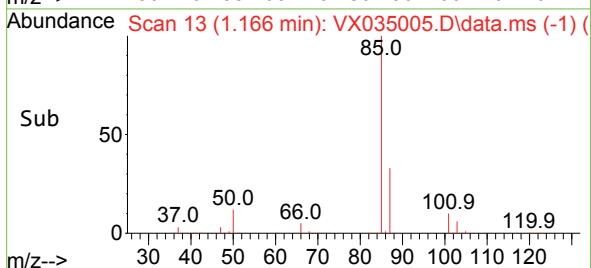
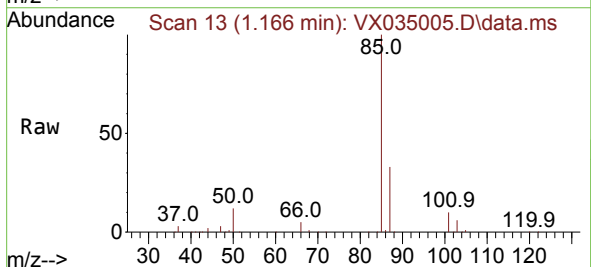


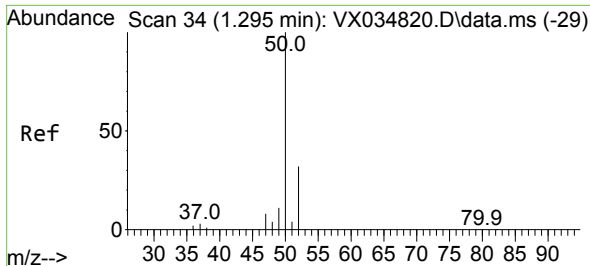
Tgt Ion:168 Resp: 303854  
Ion Ratio Lower Upper  
168 100  
99 62.4 45.7 68.5



#2  
Dichlorodifluoromethane  
Concen: 50.504 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 85 Resp: 153059  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.4 49.1

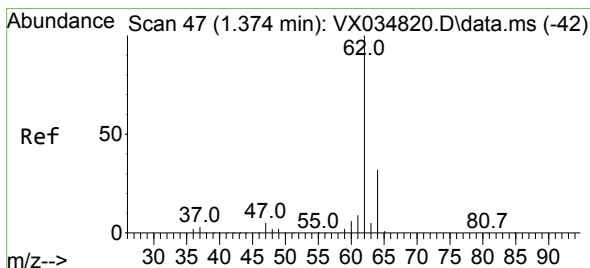
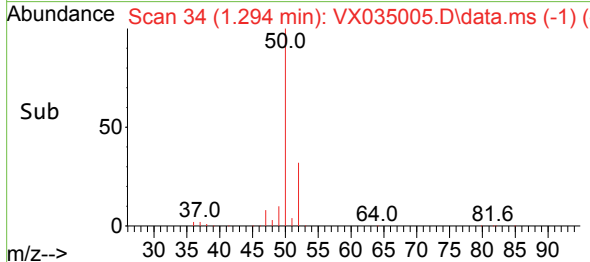
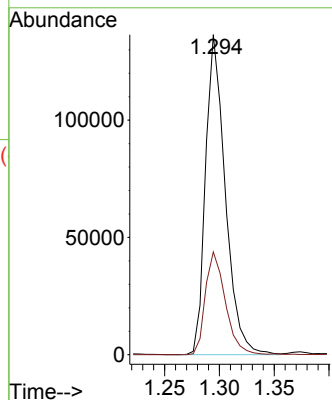
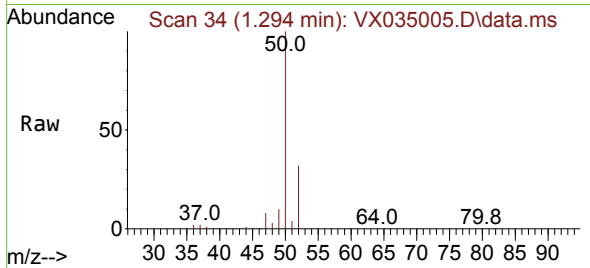




#3  
Chloromethane  
Concen: 45.049 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

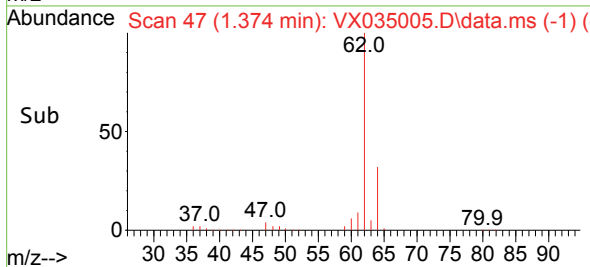
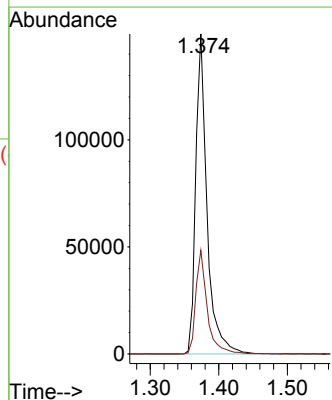
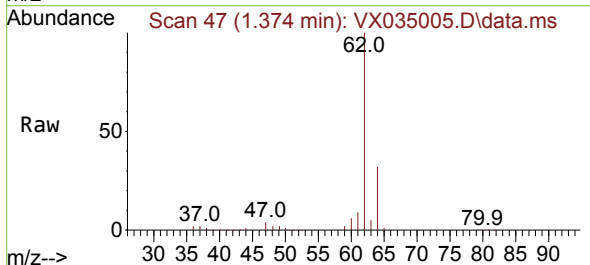
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

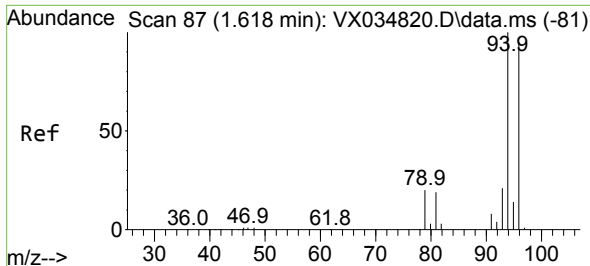
Tgt Ion: 50 Resp: 170938  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.9 38.9



#4  
Vinyl Chloride  
Concen: 45.625 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 62 Resp: 171415  
Ion Ratio Lower Upper  
62 100  
64 32.4 26.4 39.6

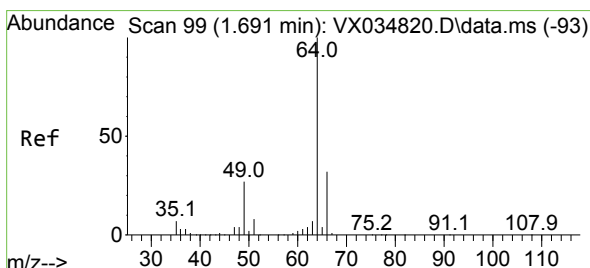
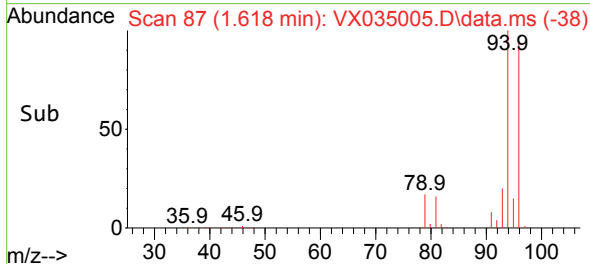
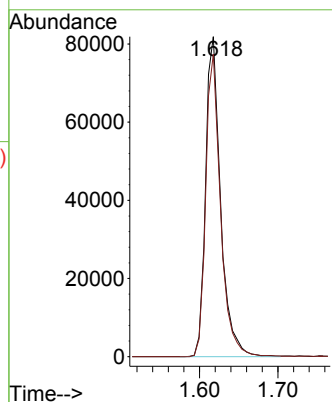
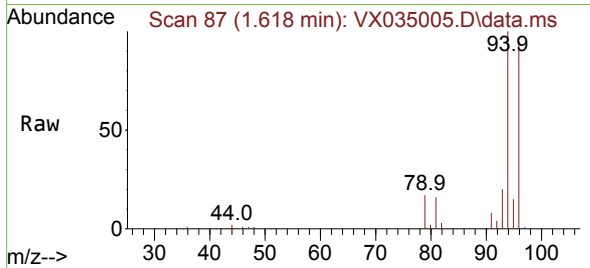




#5  
 Bromomethane  
 Concen: 44.587 ug/l  
 RT: 1.618 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

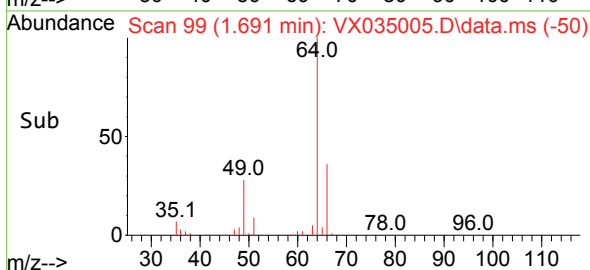
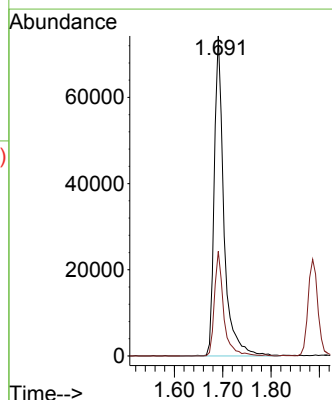
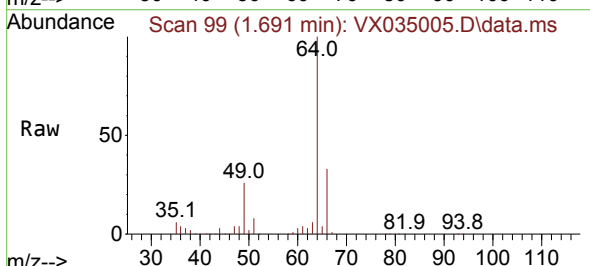
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

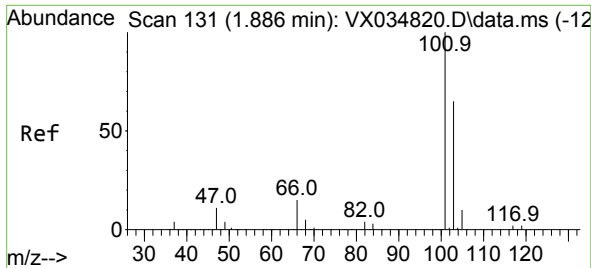
Tgt Ion: 94 Resp: 108855  
 Ion Ratio Lower Upper  
 94 100  
 96 94.6 77.0 115.6



#6  
 Chloroethane  
 Concen: 42.223 ug/l  
 RT: 1.691 min Scan# 99  
 Delta R.T. -0.000 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

Tgt Ion: 64 Resp: 103211  
 Ion Ratio Lower Upper  
 64 100  
 66 32.7 26.2 39.4

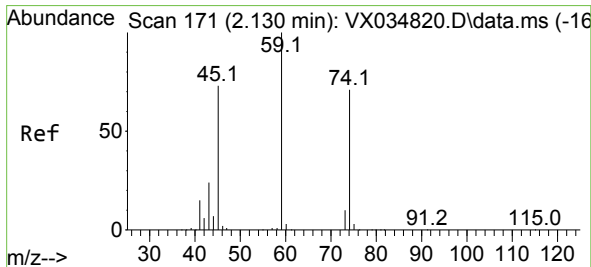
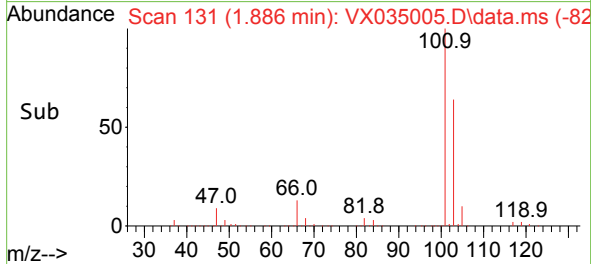
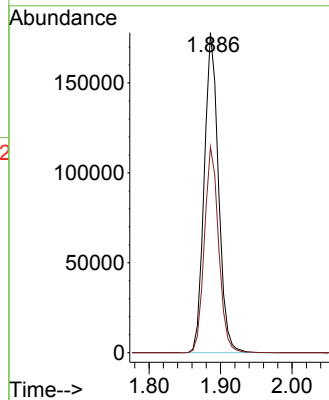
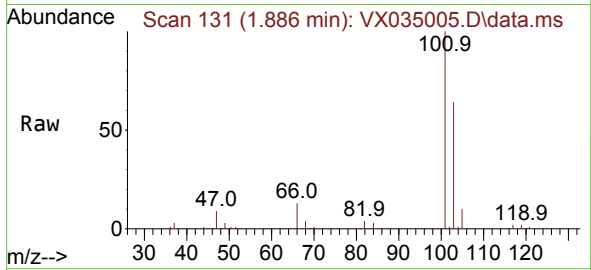




#7  
Trichlorofluoromethane  
Concen: 40.698 ug/l  
RT: 1.886 min Scan# 131  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

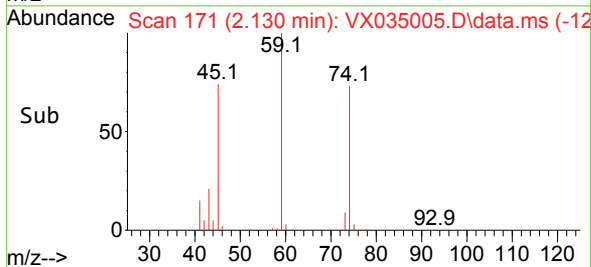
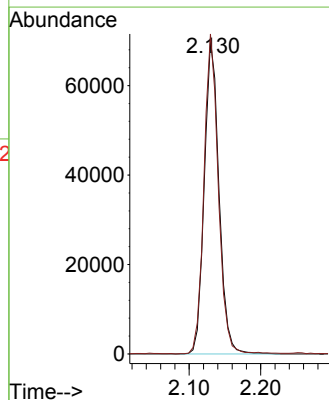
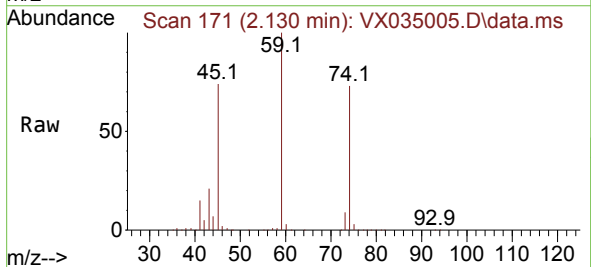
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

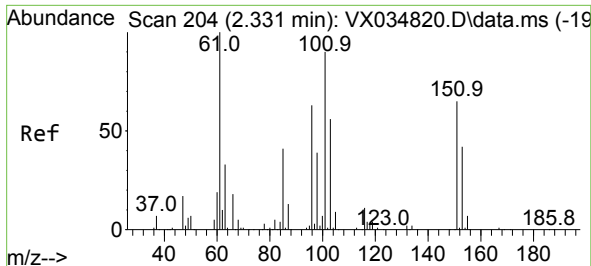
Tgt Ion:101 Resp: 245813  
Ion Ratio Lower Upper  
101 100  
103 64.3 52.0 78.0



#8  
Diethyl Ether  
Concen: 46.875 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 74 Resp: 99814  
Ion Ratio Lower Upper  
74 100  
45 100.3 49.8 149.3

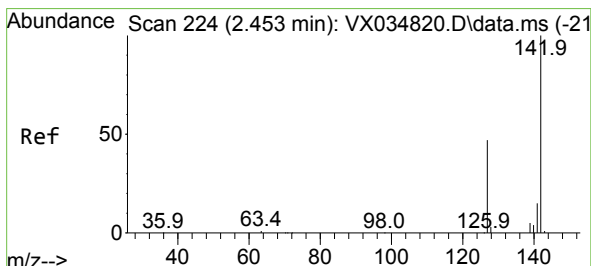
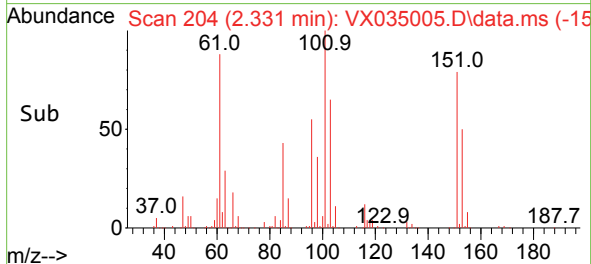
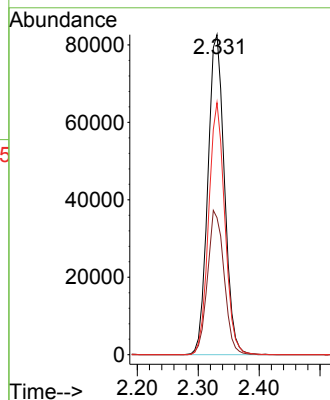
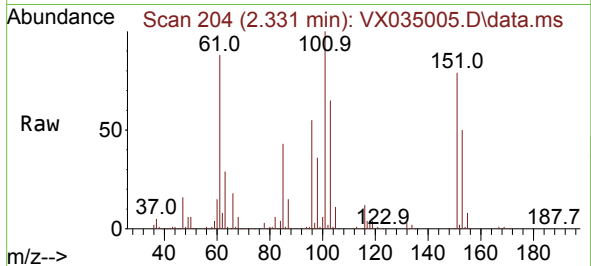




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.518 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

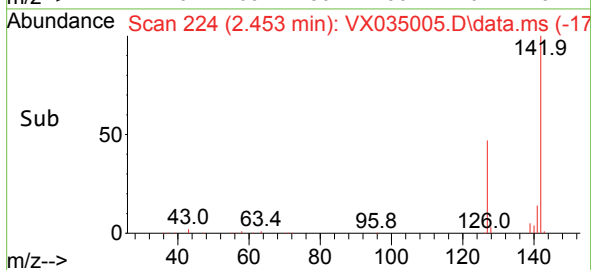
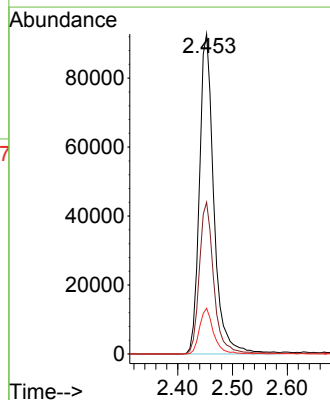
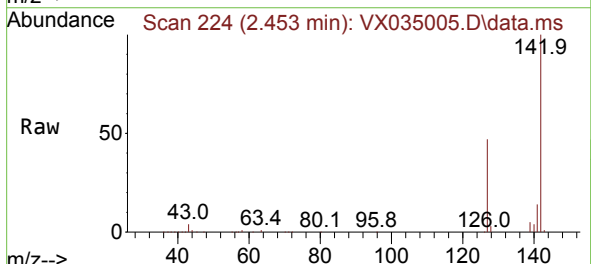
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

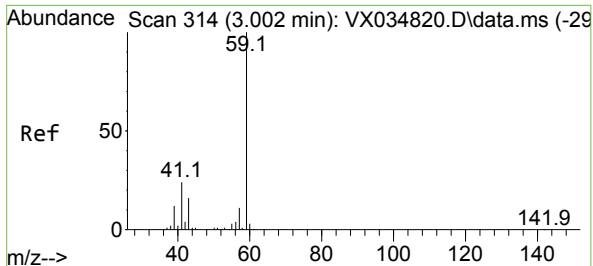
Tgt Ion:101 Resp: 156324  
Ion Ratio Lower Upper  
101 100  
85 45.0 35.4 53.2  
151 76.6 60.2 90.4



#10  
Methyl Iodide  
Concen: 43.308 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion:142 Resp: 170257  
Ion Ratio Lower Upper  
142 100  
127 47.3 34.0 51.0  
141 13.9 11.1 16.7

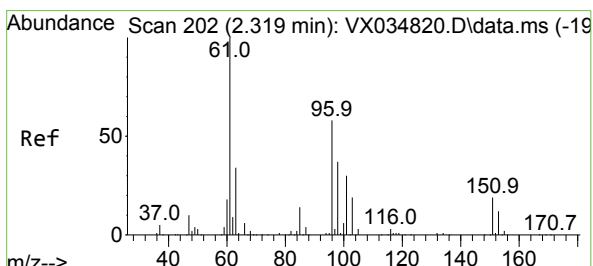
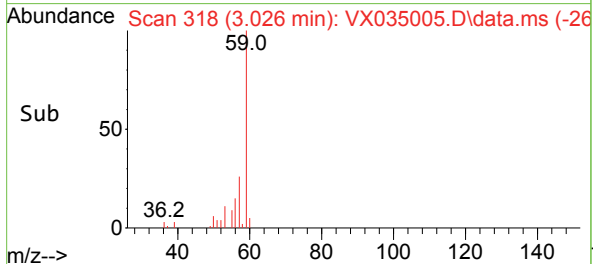
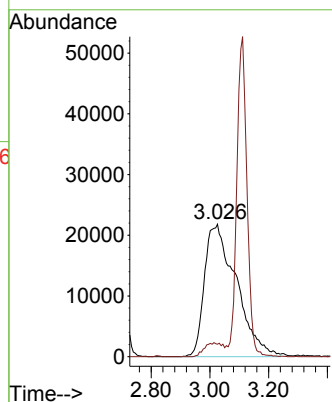
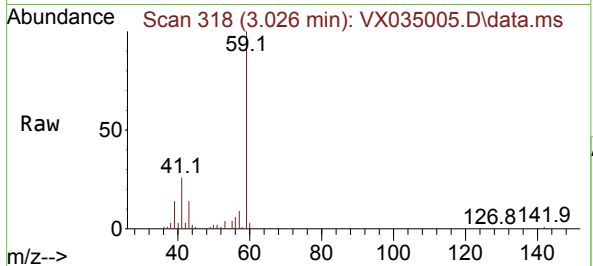




#11  
Tert butyl alcohol  
Concen: 200.876 ug/l  
RT: 3.026 min Scan# 314  
Delta R.T. 0.024 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

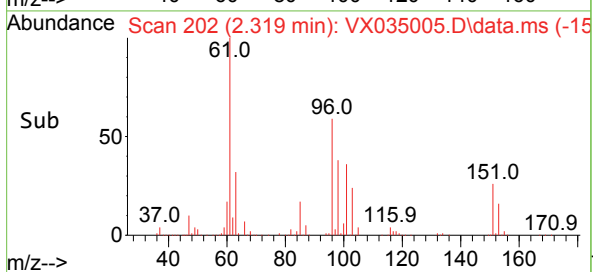
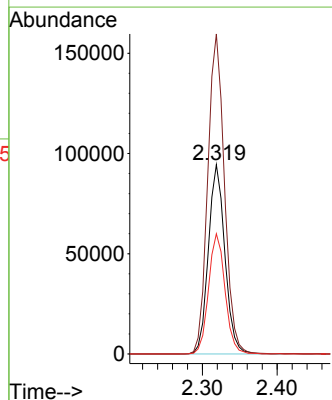
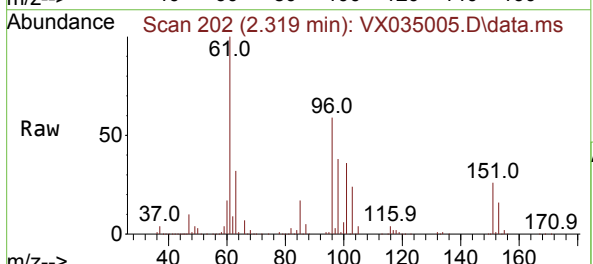
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

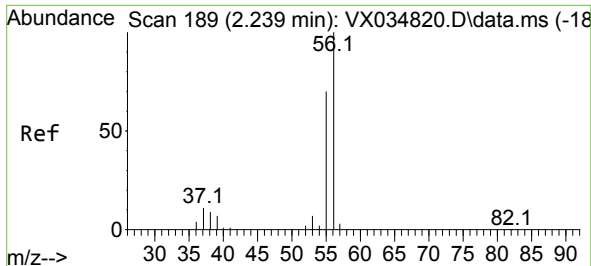
Tgt Ion: 59 Resp: 163781  
Ion Ratio Lower Upper  
59 100  
57 6.0 8.1 12.1#



#12  
1,1-Dichloroethene  
Concen: 46.597 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 96 Resp: 145353  
Ion Ratio Lower Upper  
96 100  
61 169.1 128.8 193.2  
98 63.5 51.4 77.0





#13

Acrolein

Concen: 313.806 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

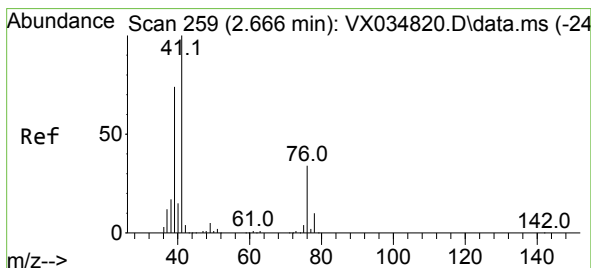
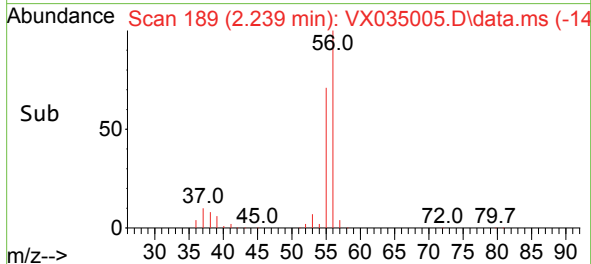
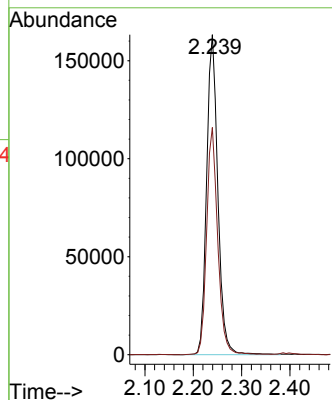
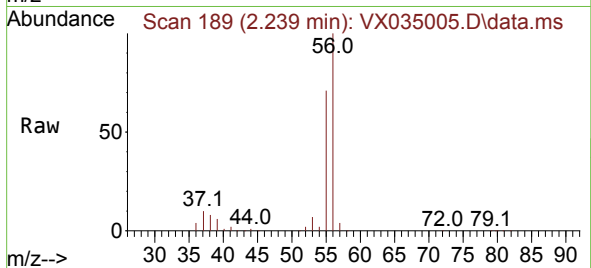
VSTDCCC050

Tgt Ion: 56 Resp: 263380

Ion Ratio Lower Upper

56 100

55 70.2 56.6 85.0



#14

Allyl chloride

Concen: 46.875 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

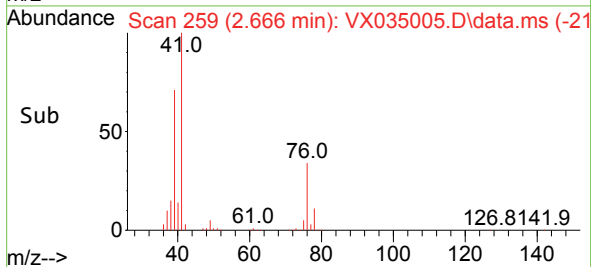
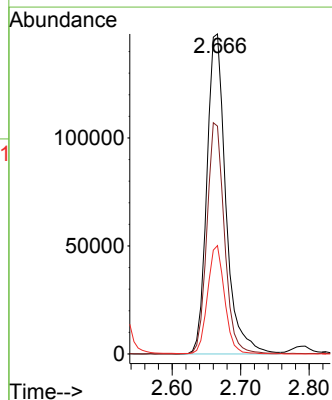
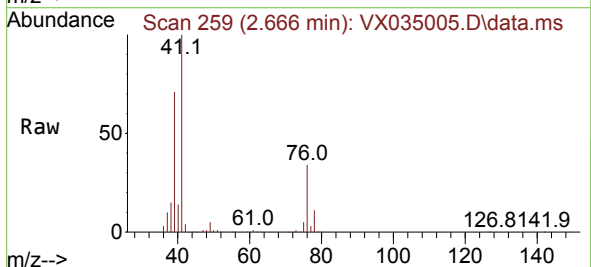
Tgt Ion: 41 Resp: 286468

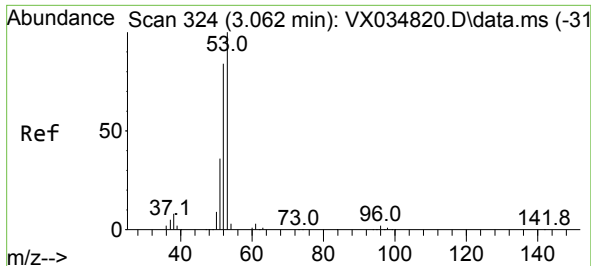
Ion Ratio Lower Upper

41 100

39 66.9 52.4 78.6

76 30.5 26.0 39.0

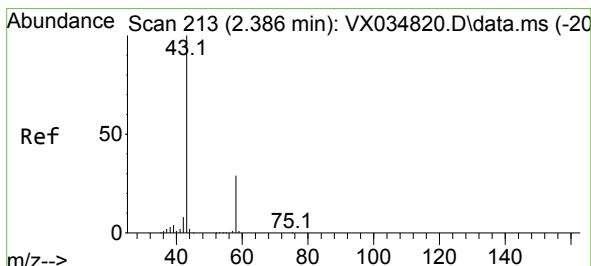
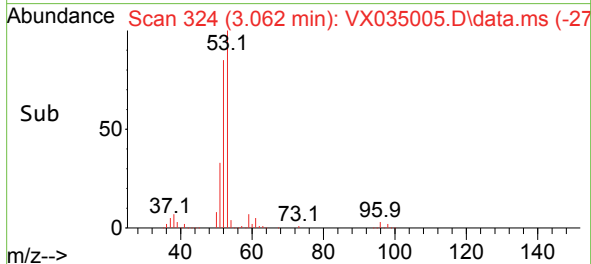
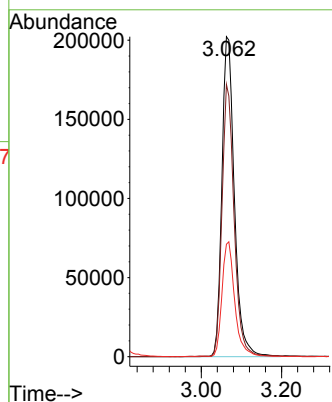
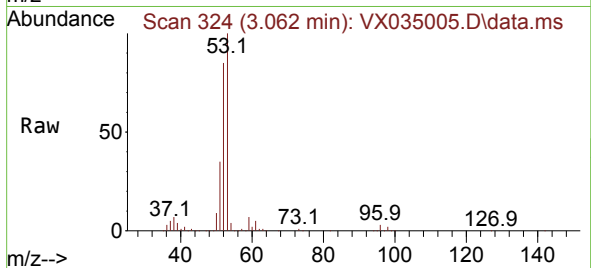




#15  
Acrylonitrile  
Concen: 238.793 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

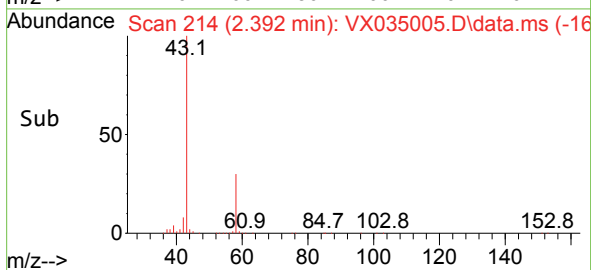
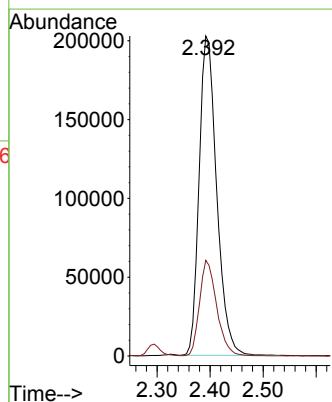
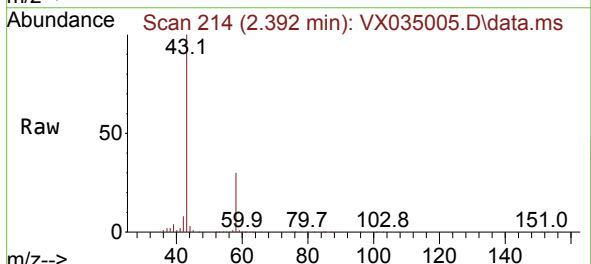
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

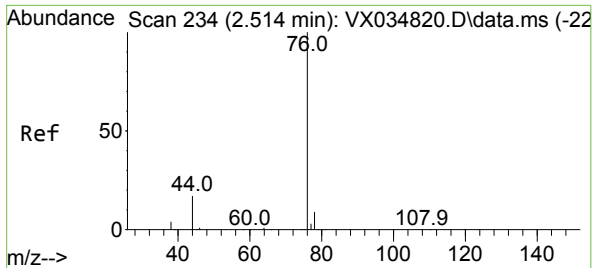
Tgt Ion: 53 Resp: 438249  
Ion Ratio Lower Upper  
53 100  
52 82.1 66.2 99.2  
51 36.2 28.3 42.5



#16  
Acetone  
Concen: 246.731 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 43 Resp: 465772  
Ion Ratio Lower Upper  
43 100  
58 29.9 24.7 37.1

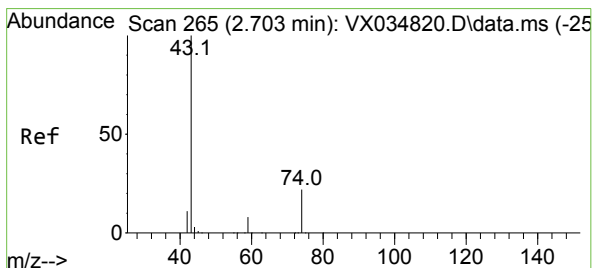
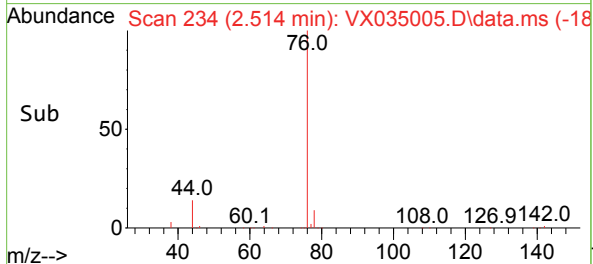
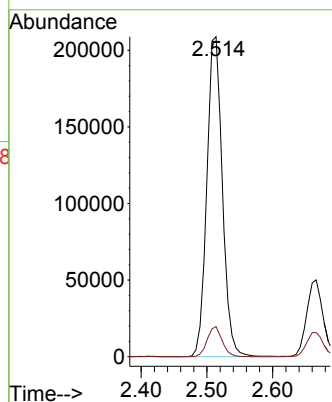
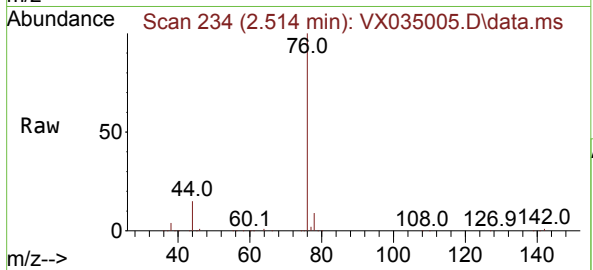




#17  
Carbon Disulfide  
Concen: 43.972 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

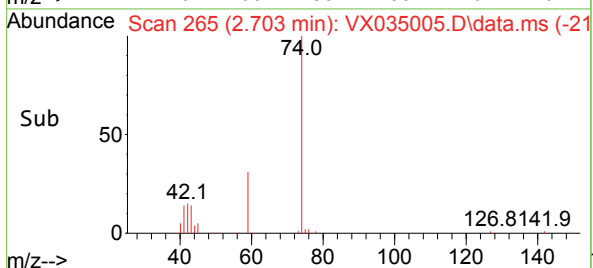
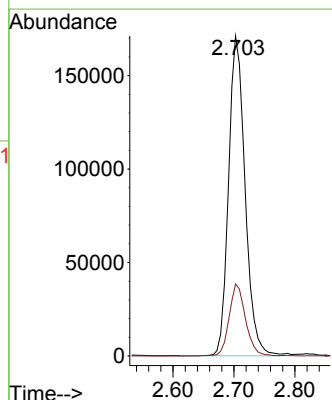
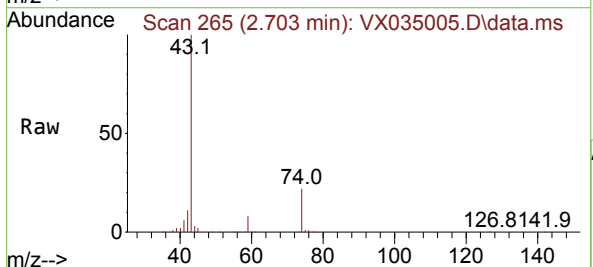
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

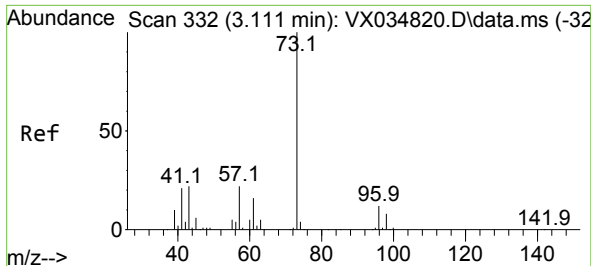
Tgt Ion: 76 Resp: 343528  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 47.867 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 43 Resp: 321062  
Ion Ratio Lower Upper  
43 100  
74 22.4 18.3 27.5

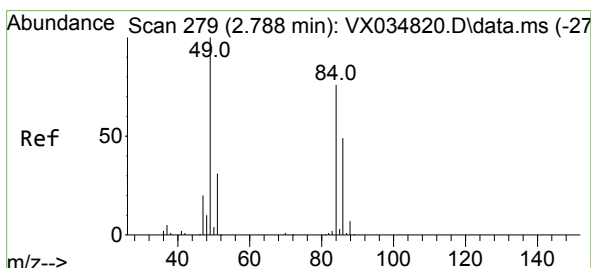
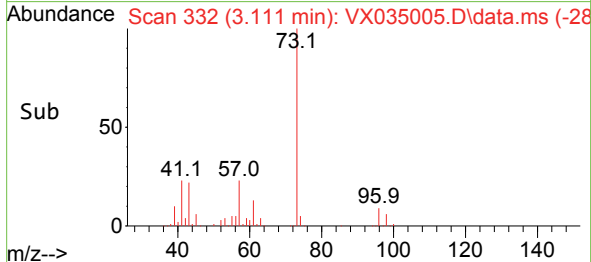
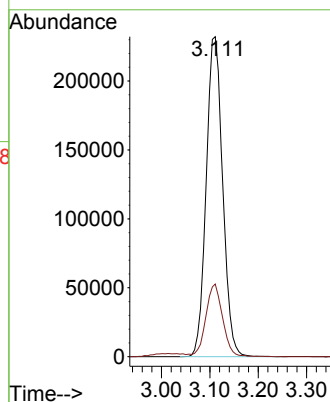
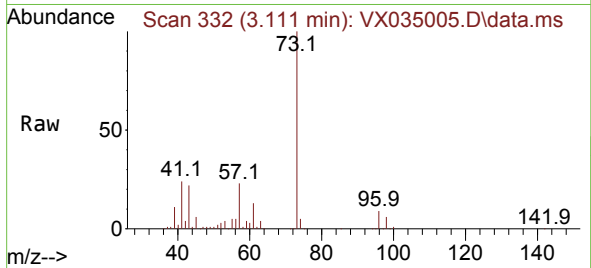




#19  
Methyl tert-butyl Ether  
Concen: 47.547 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

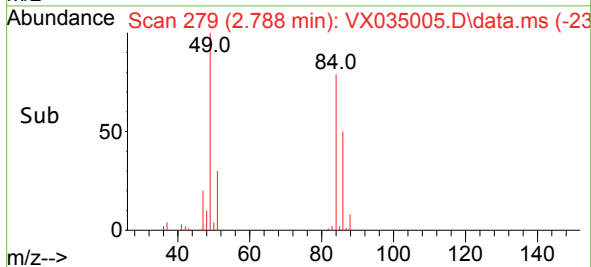
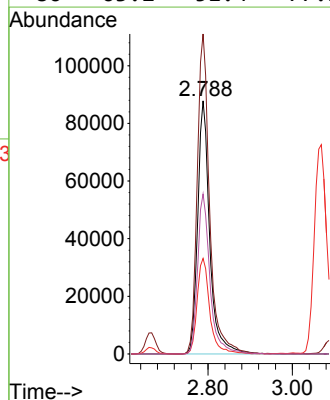
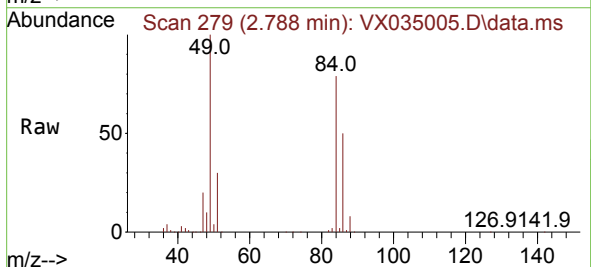
Instrument :  
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ClientSampleId :  
VSTDCCC050

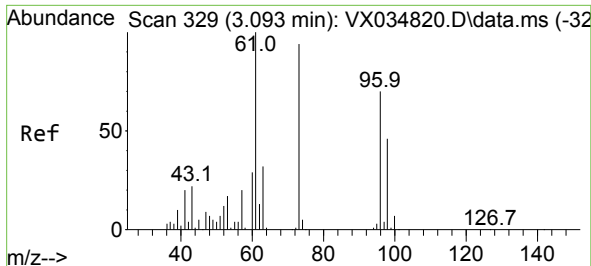
Tgt Ion: 73 Resp: 549130  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.5 27.7



#20  
Methylene Chloride  
Concen: 46.918 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

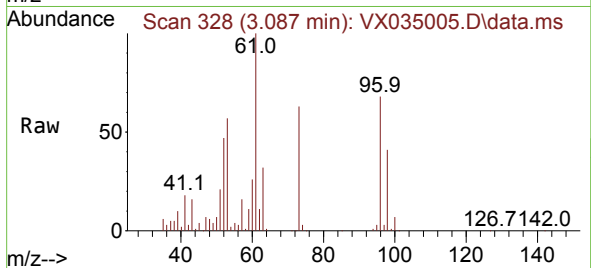
Tgt Ion: 84 Resp: 174777  
Ion Ratio Lower Upper  
84 100  
49 126.4 103.8 155.8  
51 37.7 31.8 47.8  
86 63.2 51.4 77.2



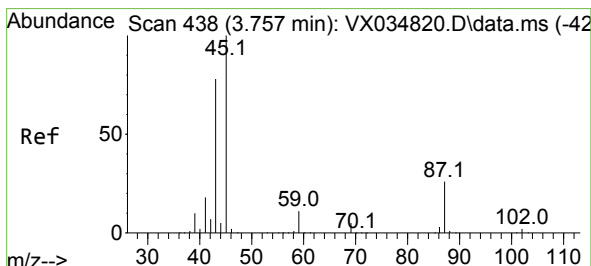
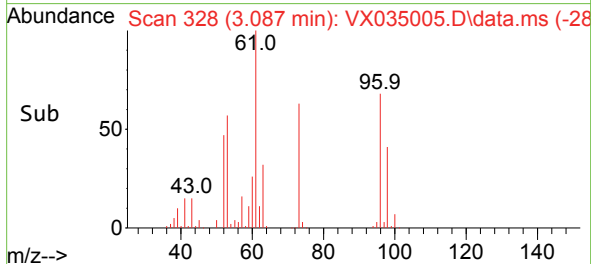
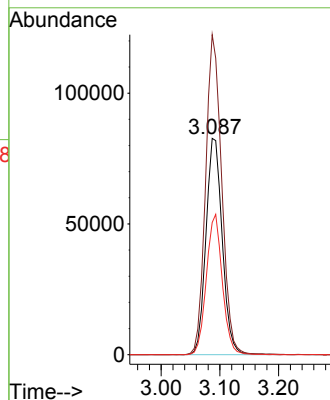


#21  
trans-1,2-Dichloroethene  
Concen: 46.894 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

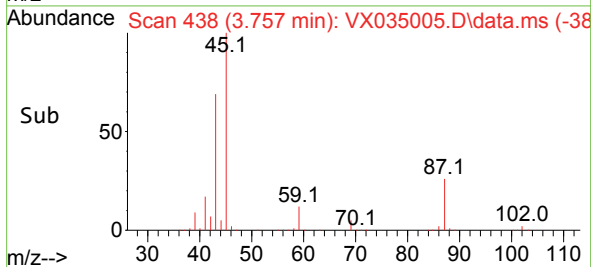
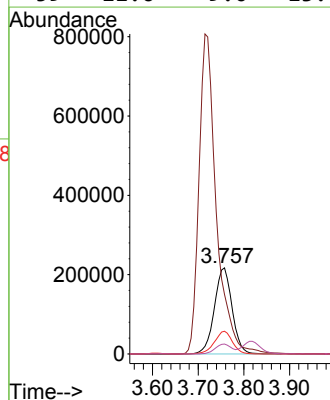
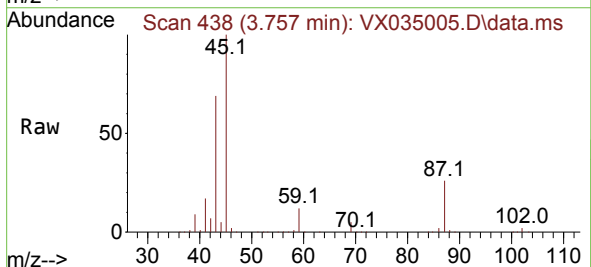


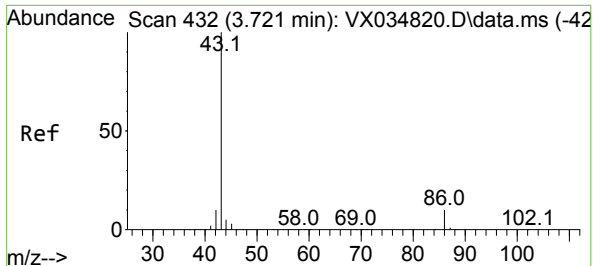
Tgt Ion: 96 Resp: 159538  
Ion Ratio Lower Upper  
96 100  
61 147.9 113.0 169.6  
98 61.1 52.1 78.1



#22  
Diisopropyl ether  
Concen: 47.394 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 45 Resp: 584411  
Ion Ratio Lower Upper  
45 100  
43 69.1 65.4 98.2  
87 26.4 20.6 31.0  
59 11.6 9.0 13.6

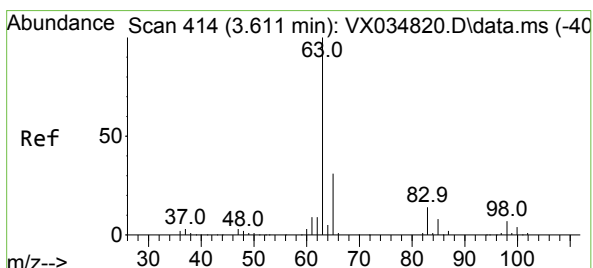
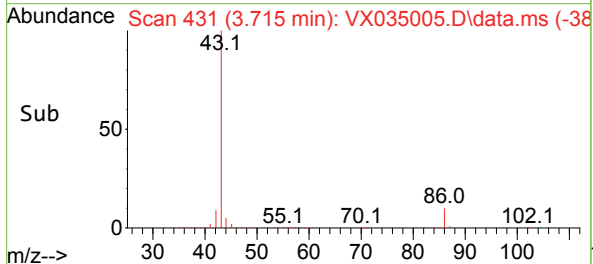
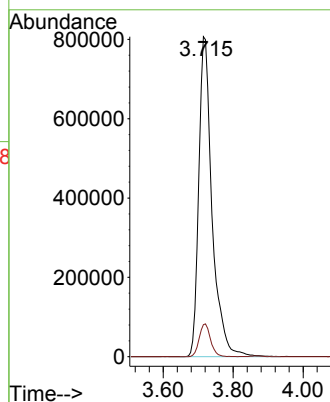
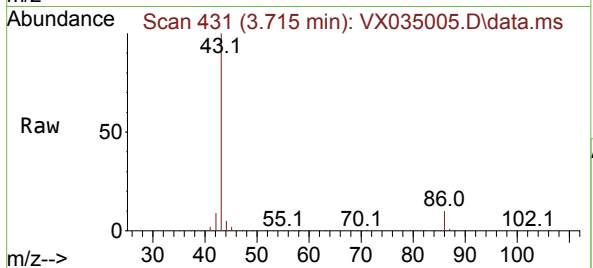




#23  
 Vinyl Acetate  
 Concen: 242.493 ug/l  
 RT: 3.715 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

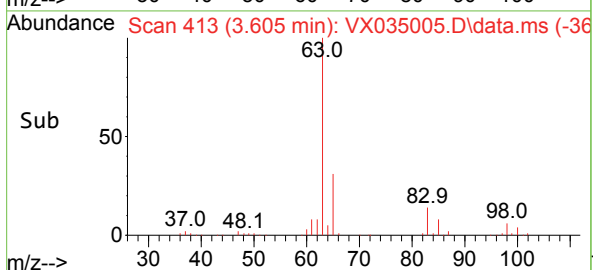
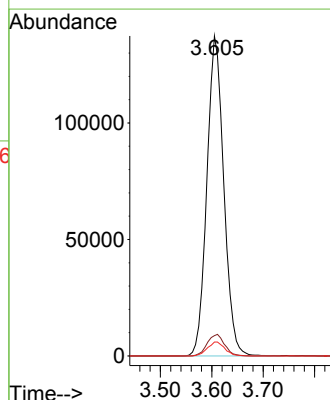
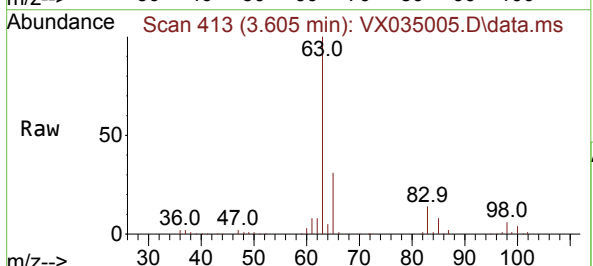
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

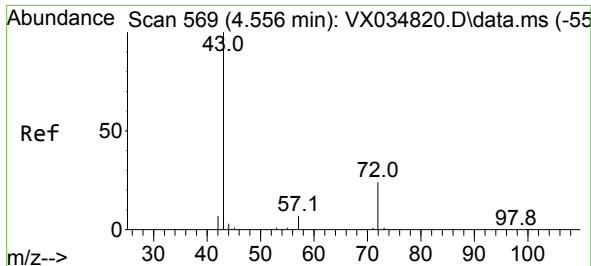
Tgt Ion: 43 Resp: 2132555  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 47.263 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

Tgt Ion: 63 Resp: 313571  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.8 11.2  
 100 4.4 2.4 7.1

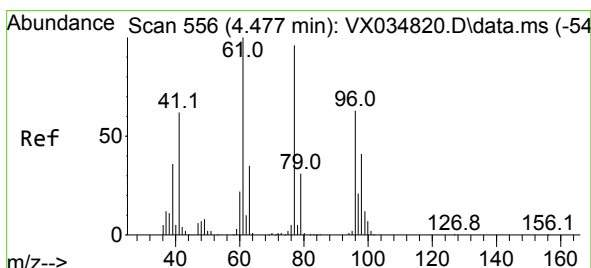
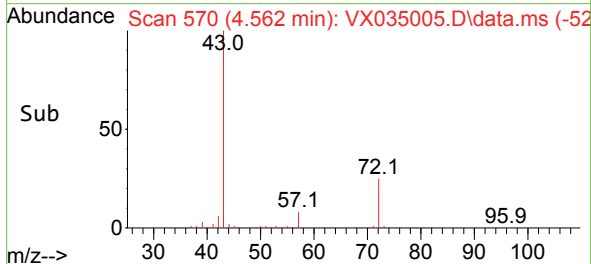
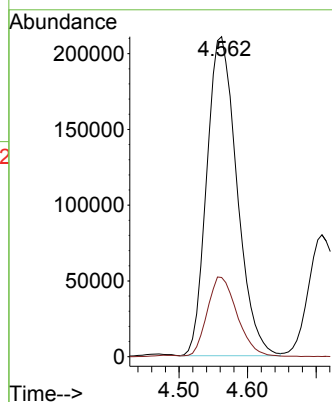
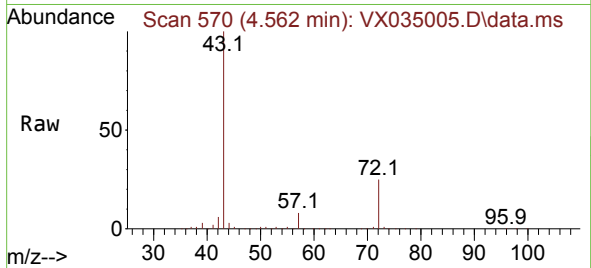




#25  
2-Butanone  
Concen: 234.612 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

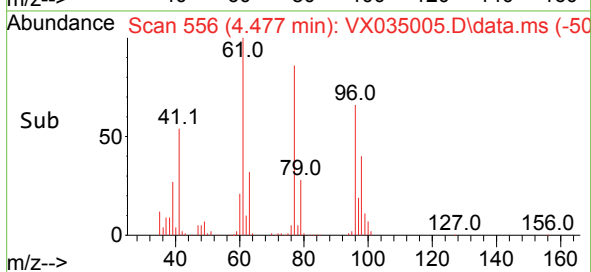
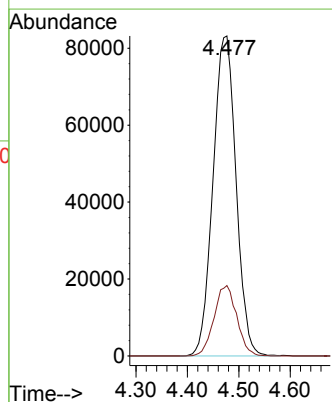
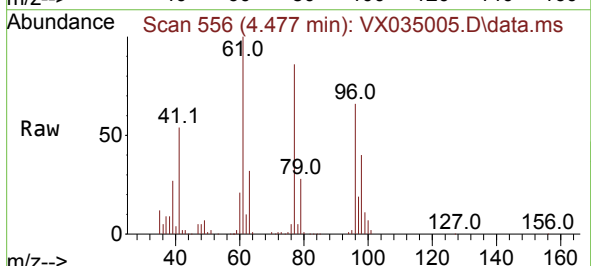
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

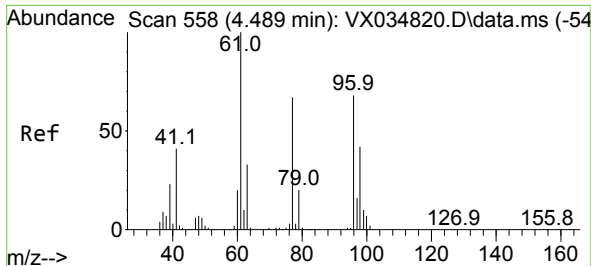
Tgt Ion: 43 Resp: 644246  
Ion Ratio Lower Upper  
43 100  
72 24.6 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 47.410 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 77 Resp: 258671  
Ion Ratio Lower Upper  
77 100  
97 21.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.138 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

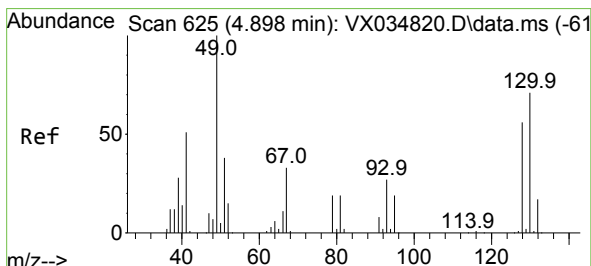
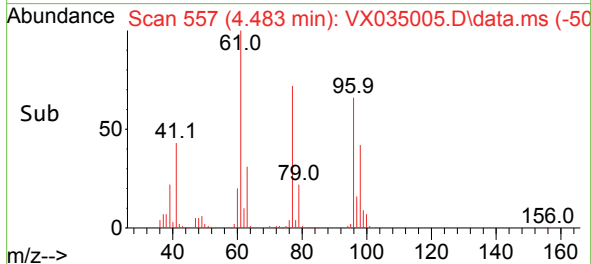
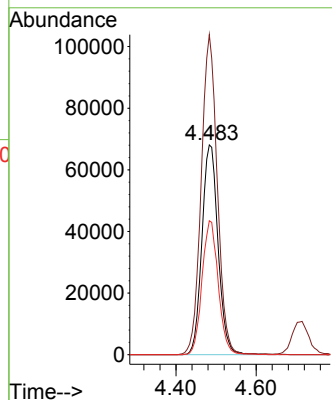
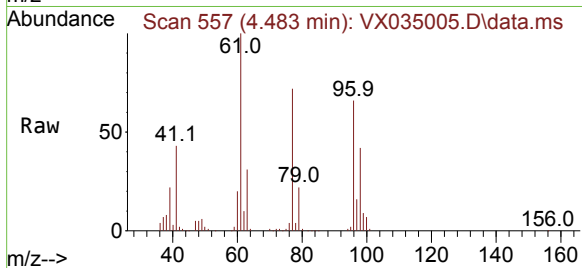
Tgt Ion: 96 Resp: 190022

Ion Ratio Lower Upper

96 100

61 152.3 0.0 300.4

98 64.0 0.0 129.0



#28

Bromochloromethane

Concen: 47.025 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

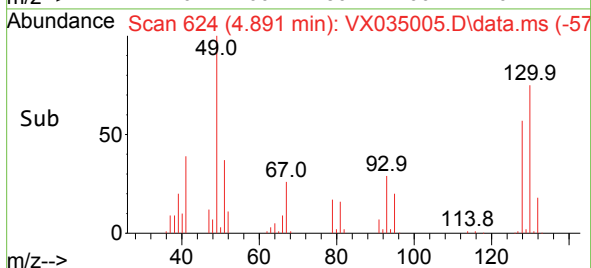
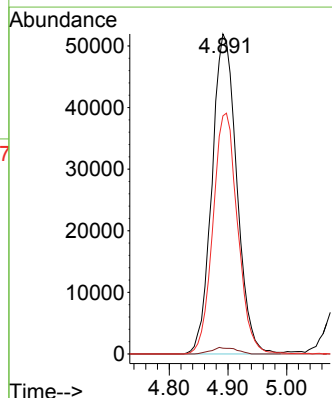
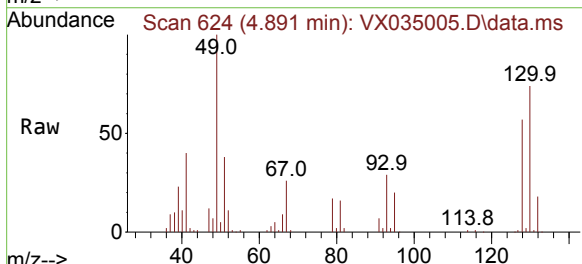
Tgt Ion: 49 Resp: 152617

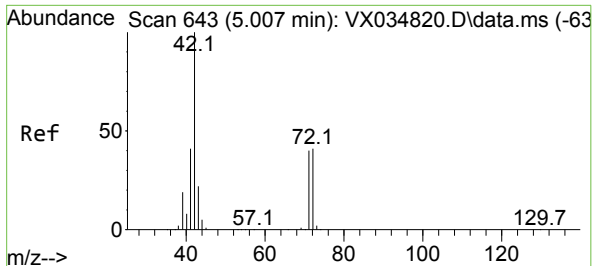
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 74.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 228.572 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

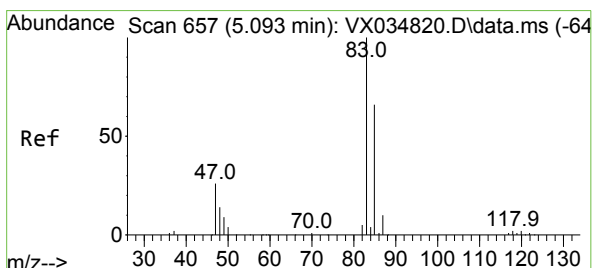
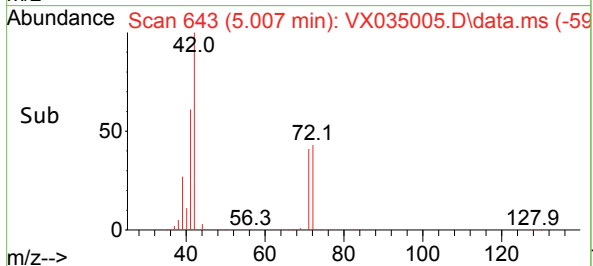
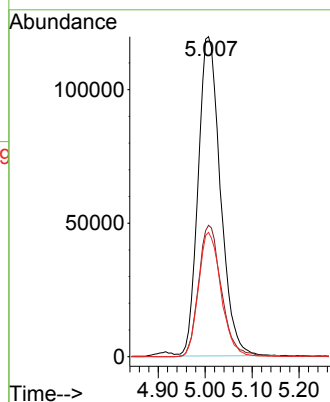
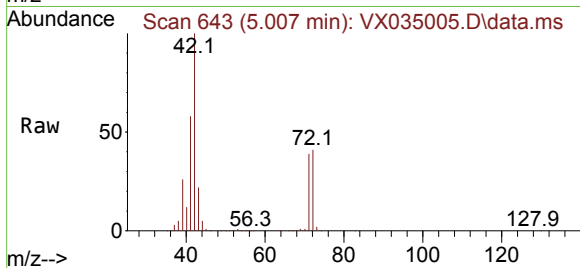
Tgt Ion: 42 Resp: 393203

Ion Ratio Lower Upper

42 100

72 42.4 34.5 51.7

71 39.5 32.1 48.1



#30

Chloroform

Concen: 47.646 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035005.D

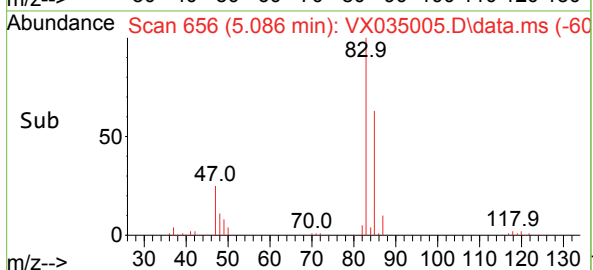
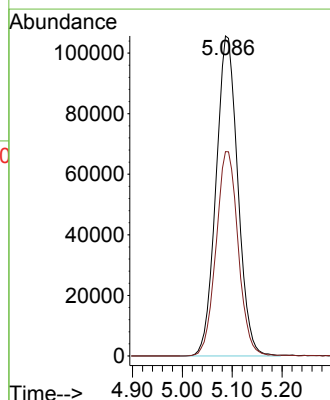
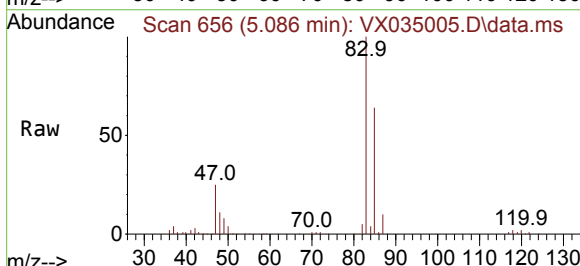
Acq: 11 Apr 2023 13:29

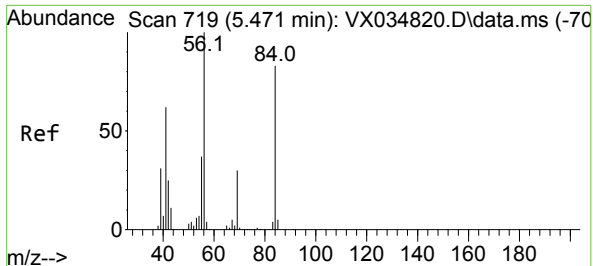
Tgt Ion: 83 Resp: 321075

Ion Ratio Lower Upper

83 100

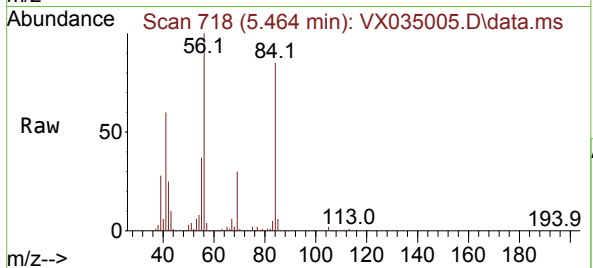
85 63.8 50.6 76.0



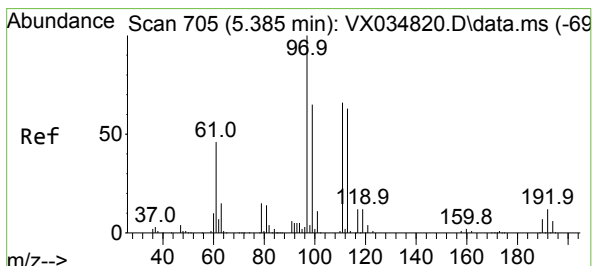
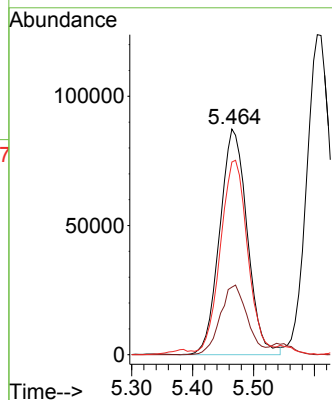
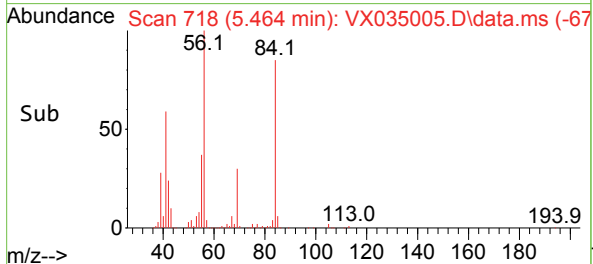


#31  
Cyclohexane  
Concen: 48.454 ug/l  
RT: 5.464 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

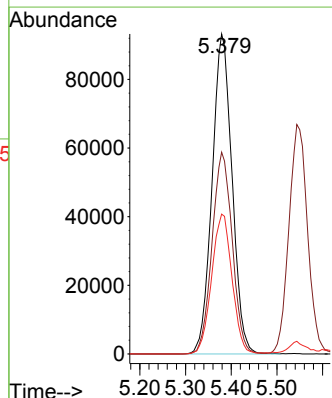
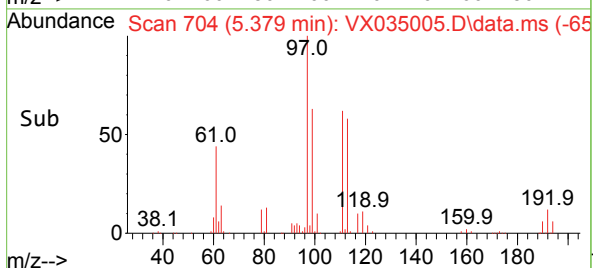
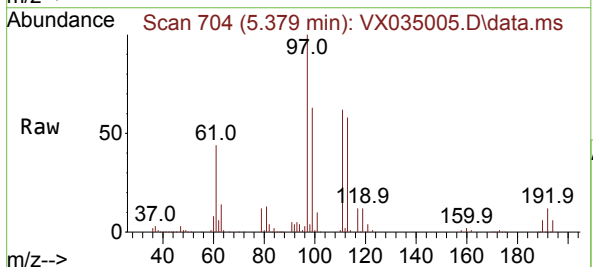


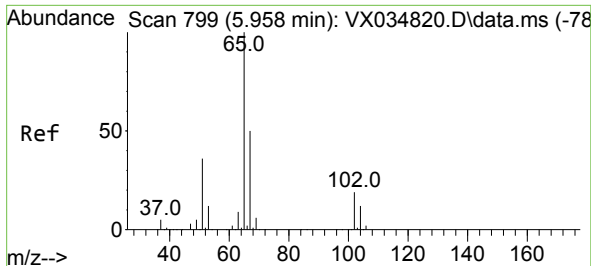
Tgt Ion: 56 Resp: 274176  
Ion Ratio Lower Upper  
56 100  
69 29.9 23.7 35.5  
84 83.2 68.5 102.7



#32  
1,1,1-Trichloroethane  
Concen: 49.146 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 97 Resp: 282619  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.1 76.7  
61 44.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.264 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

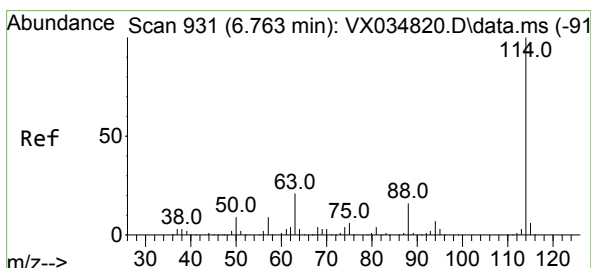
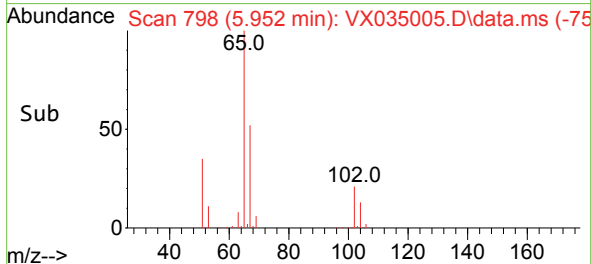
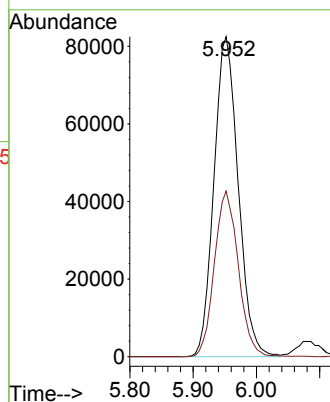
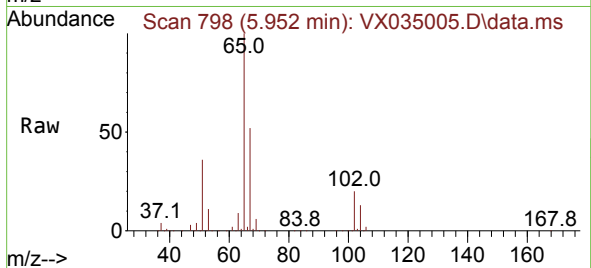
VSTDCCC050

Tgt Ion: 65 Resp: 219636

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

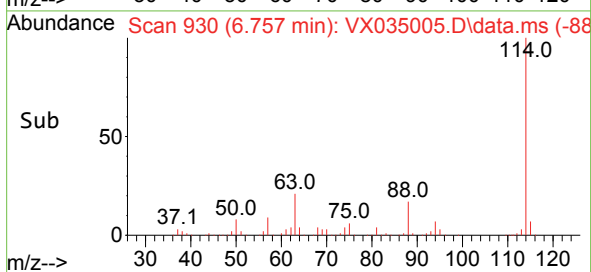
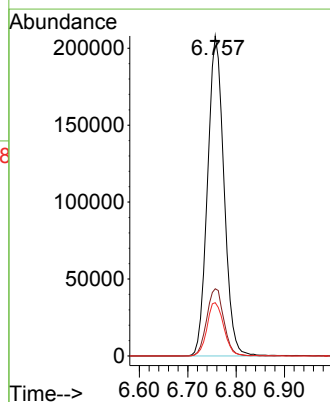
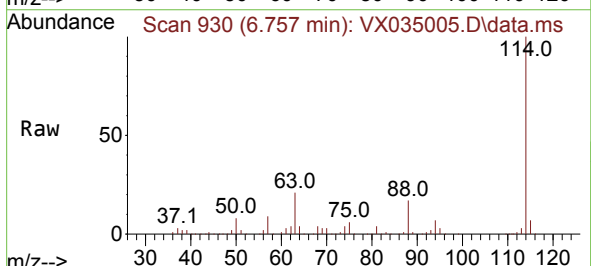
Tgt Ion: 114 Resp: 489975

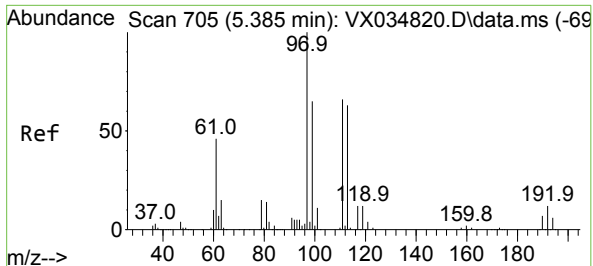
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 16.7 0.0 33.2

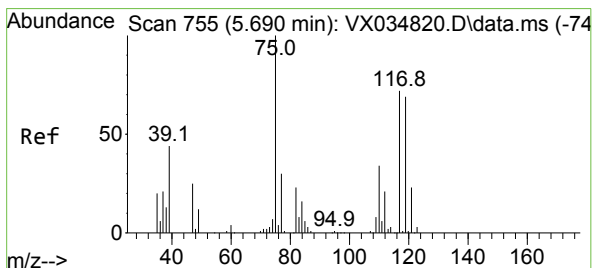
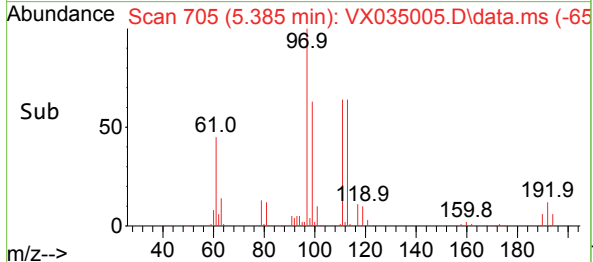
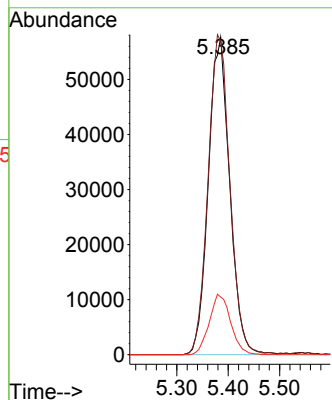
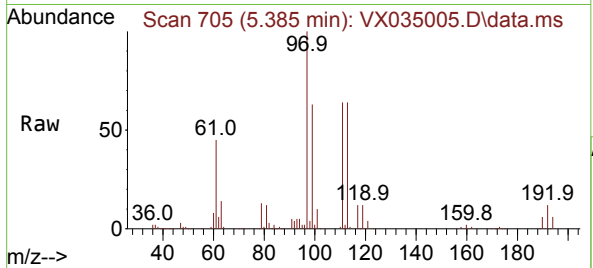




#35  
 Dibromofluoromethane  
 Concen: 51.264 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. -0.000 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

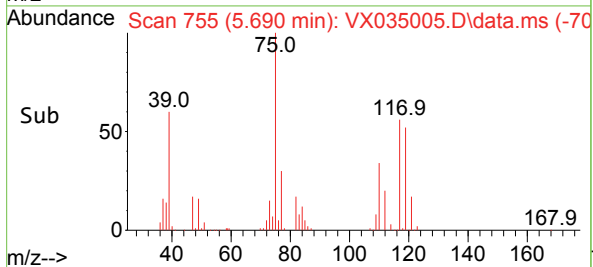
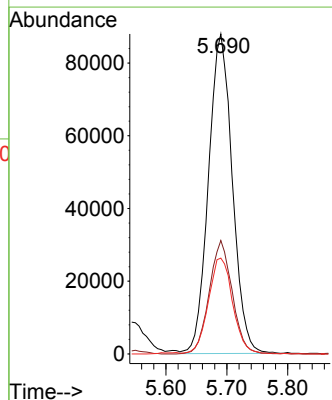
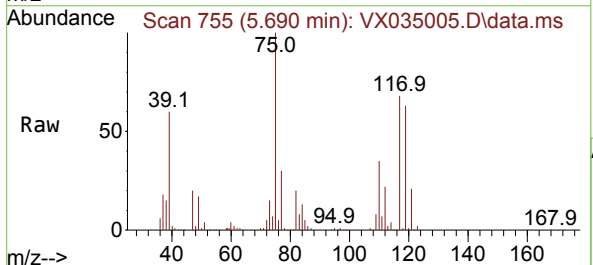
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

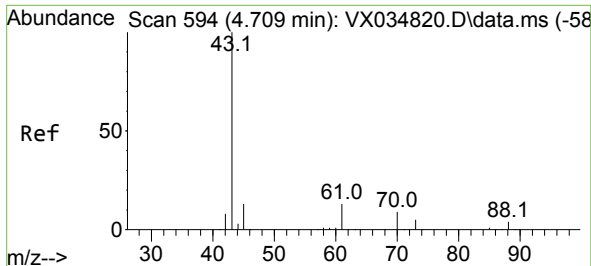
Tgt Ion:113 Resp: 166135  
 Ion Ratio Lower Upper  
 113 100  
 111 103.0 83.7 125.5  
 192 19.1 15.4 23.2



#36  
 1,1-Dichloropropene  
 Concen: 49.772 ug/l  
 RT: 5.690 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

Tgt Ion: 75 Resp: 238972  
 Ion Ratio Lower Upper  
 75 100  
 110 34.2 17.5 52.5  
 77 30.5 24.3 36.5





#37

Ethyl Acetate

Concen: 48.493 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

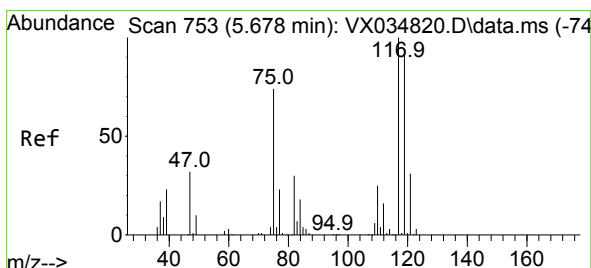
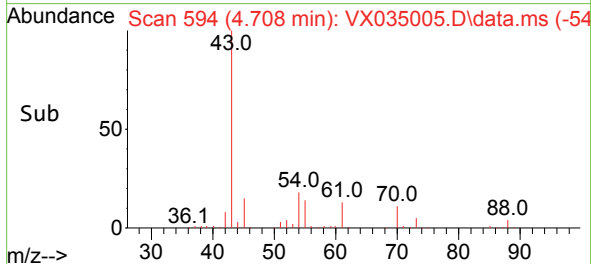
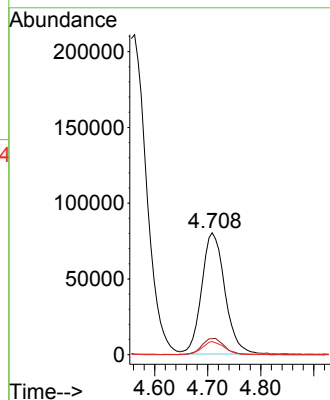
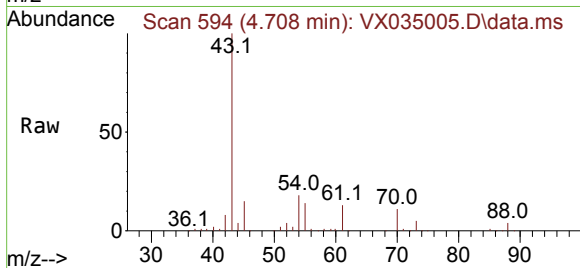
Tgt Ion: 43 Resp: 243453

Ion Ratio Lower Upper

43 100

61 13.0 10.2 15.4

70 10.4 8.2 12.4



#38

Carbon Tetrachloride

Concen: 52.986 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

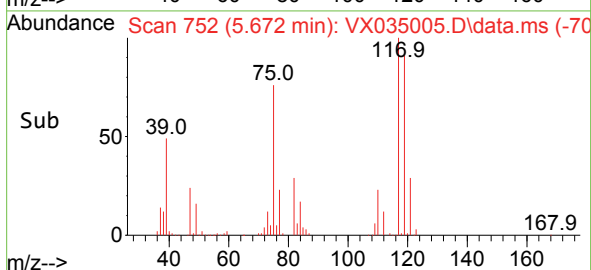
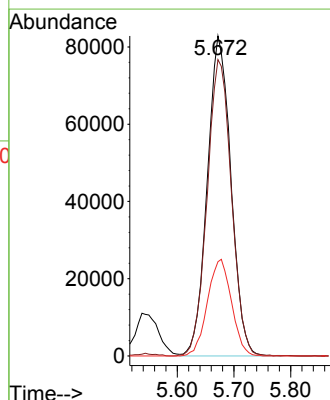
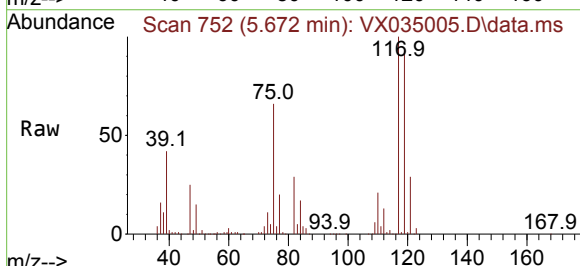
Tgt Ion: 117 Resp: 239854

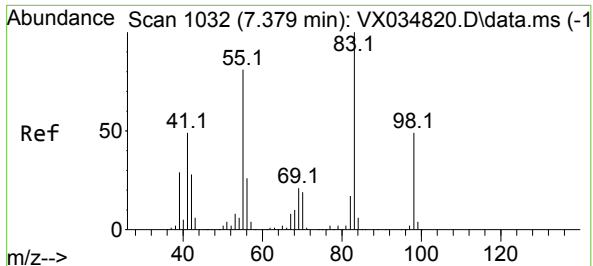
Ion Ratio Lower Upper

117 100

119 92.4 76.6 114.8

121 29.5 23.8 35.6





#39

Methylcyclohexane

Concen: 51.298 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

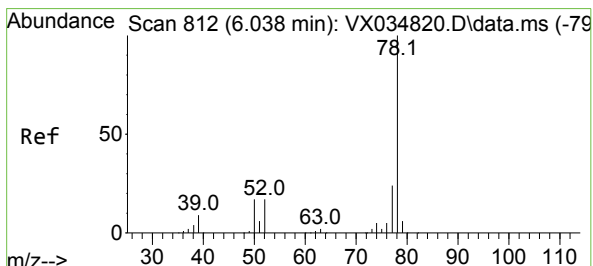
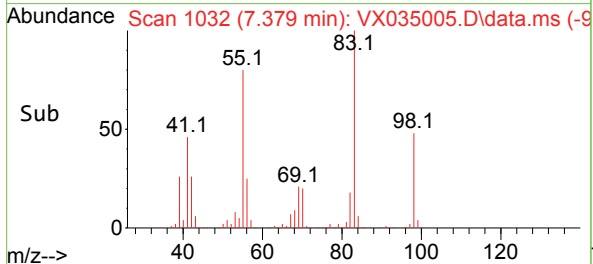
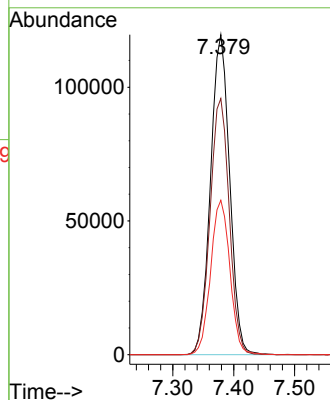
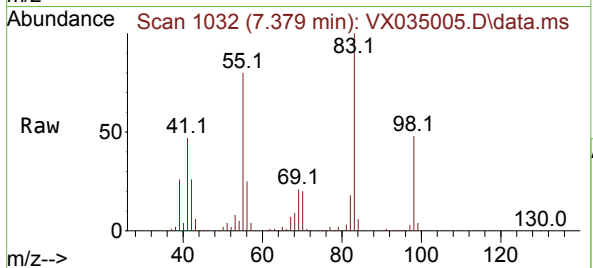
Tgt Ion: 83 Resp: 261541

Ion Ratio Lower Upper

83 100

55 80.0 60.5 90.7

98 48.2 40.4 60.6



#40

Benzene

Concen: 48.986 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX035005.D

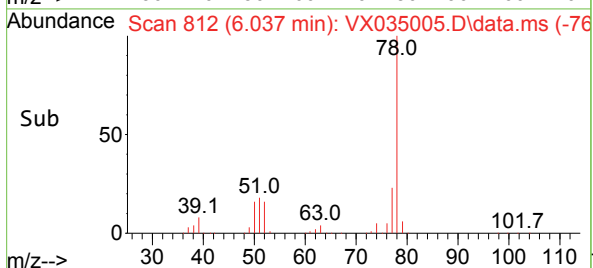
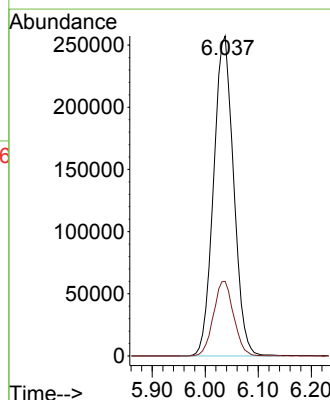
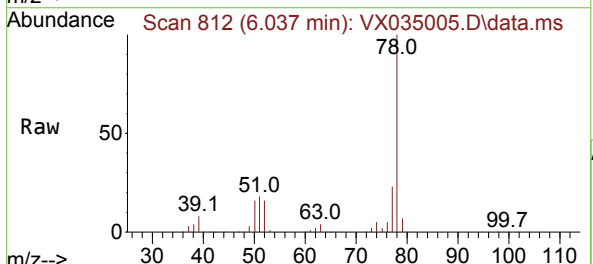
Acq: 11 Apr 2023 13:29

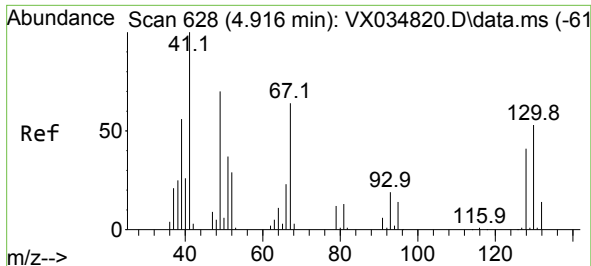
Tgt Ion: 78 Resp: 675153

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.4



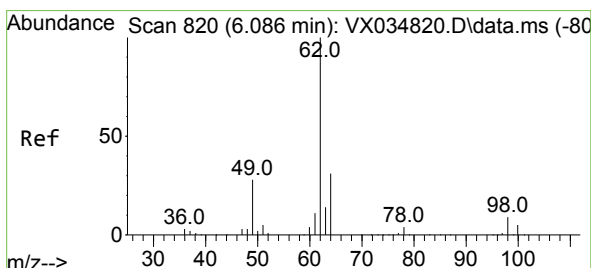
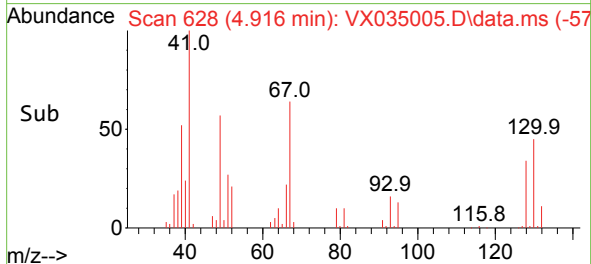
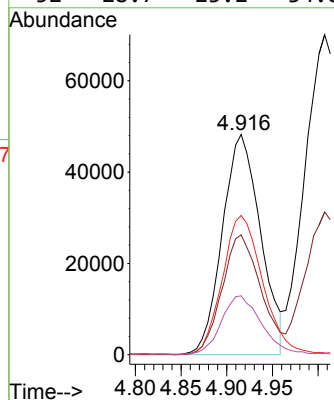
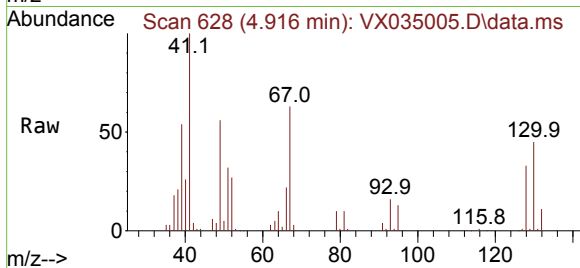


#41  
Methacrylonitrile  
Concen: 51.429 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 140415

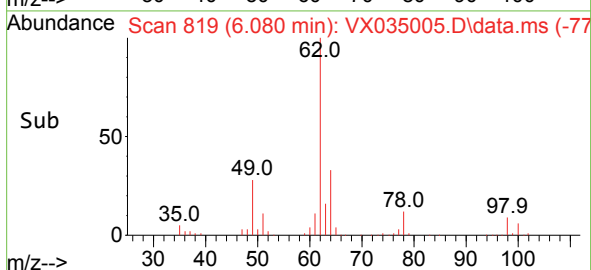
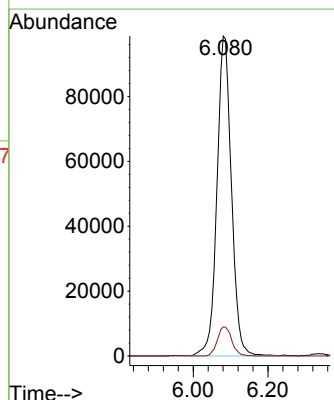
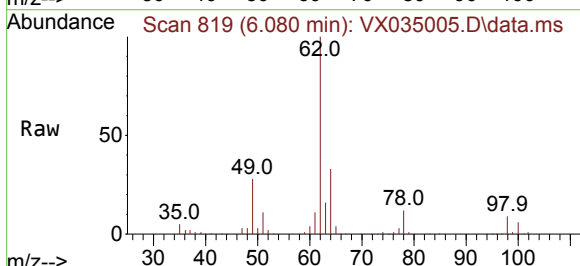
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.6  | 45.0  | 67.6  |
| 67  | 67.3  | 55.6  | 83.4  |
| 52  | 28.7  | 23.2  | 34.8  |

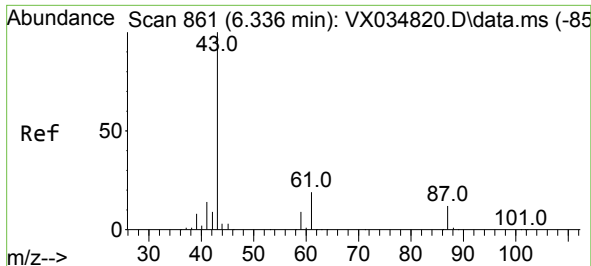


#42  
1,2-Dichloroethane  
Concen: 48.507 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 62 Resp: 265798

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.1   | 0.0   | 18.0  |

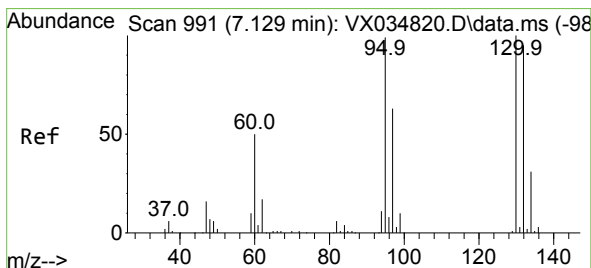
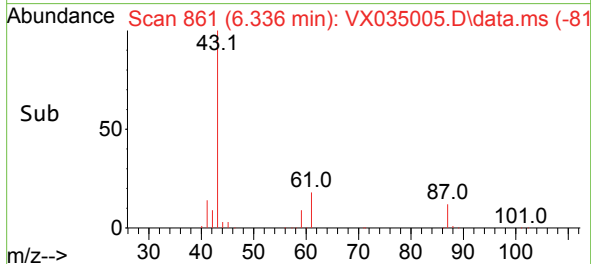
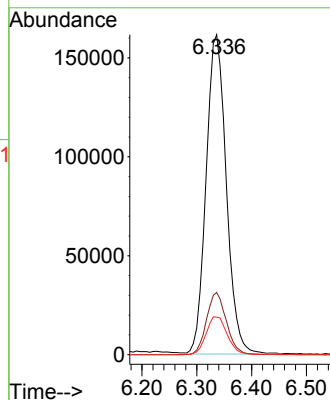
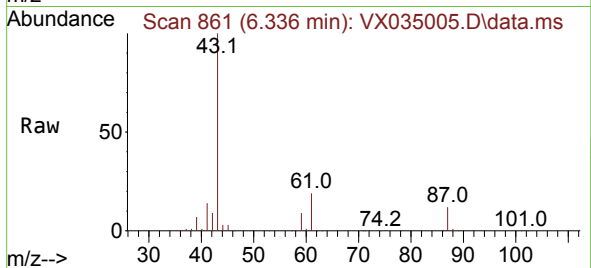




#43  
Isopropyl Acetate  
Concen: 49.202 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

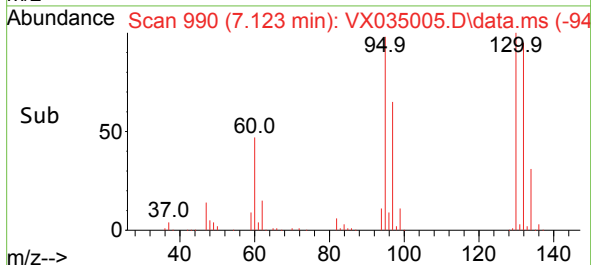
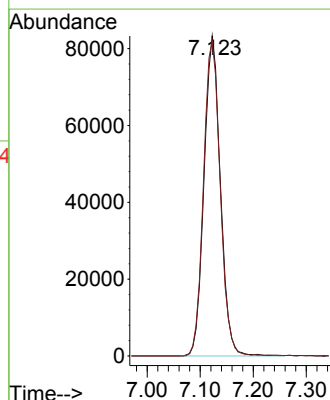
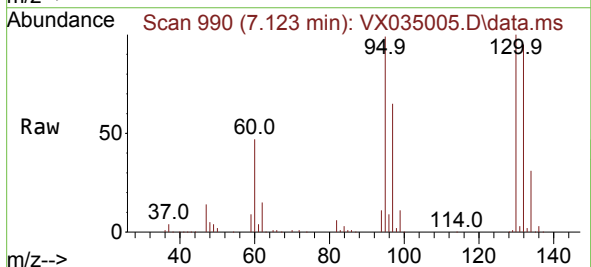
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

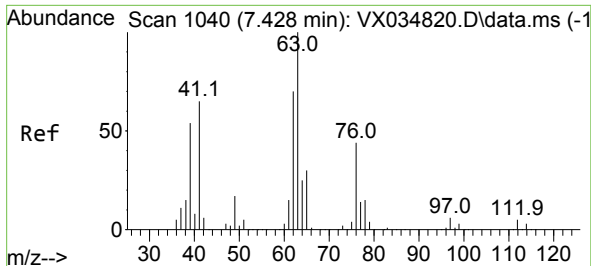
Tgt Ion: 43 Resp: 413258  
Ion Ratio Lower Upper  
43 100  
61 19.2 15.2 22.8  
87 12.4 9.8 14.8



#44  
Trichloroethene  
Concen: 50.814 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion:130 Resp: 178779  
Ion Ratio Lower Upper  
130 100  
95 98.5 0.0 198.4

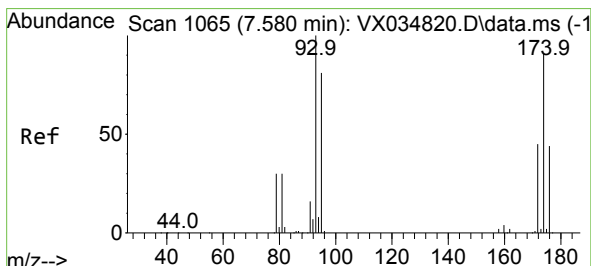
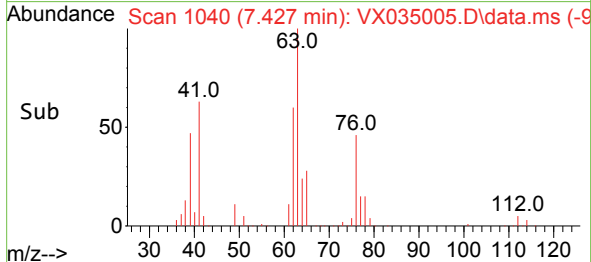
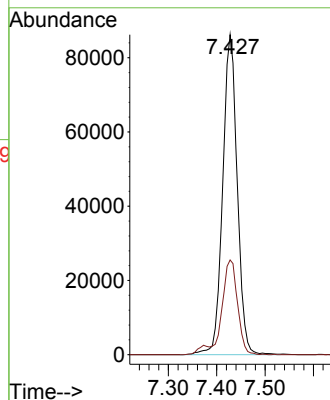
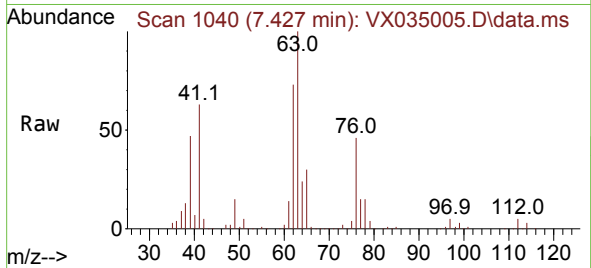




#45  
1,2-Dichloropropane  
Concen: 50.158 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

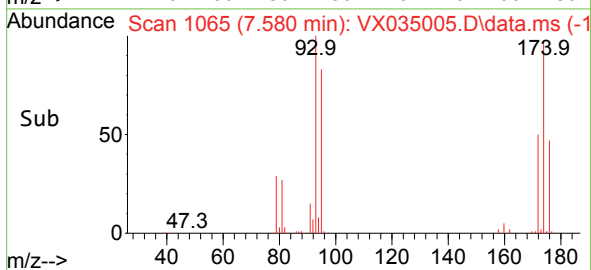
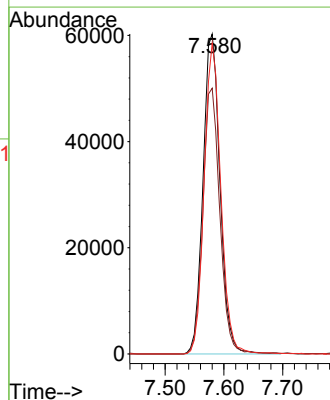
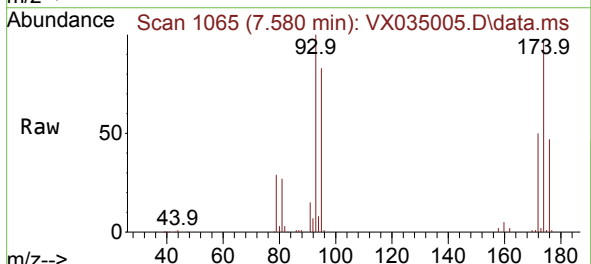
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 63 Resp: 180144  
Ion Ratio Lower Upper  
63 100  
65 29.6 24.6 37.0



#46  
Dibromomethane  
Concen: 49.109 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 93 Resp: 121357  
Ion Ratio Lower Upper  
93 100  
95 82.7 66.9 100.3  
174 95.1 75.4 113.0

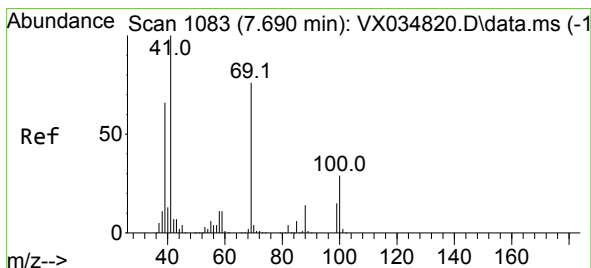
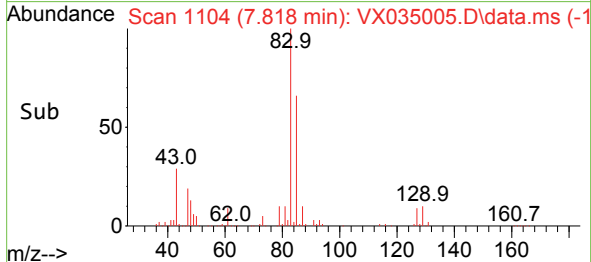
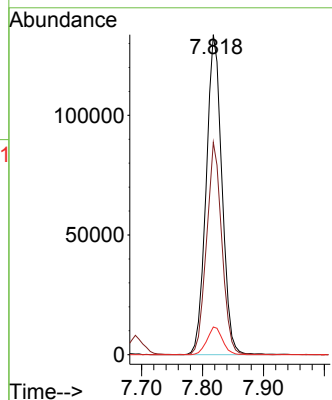
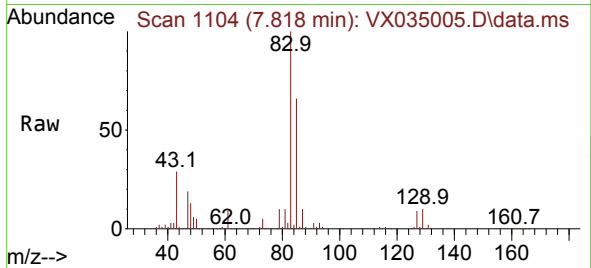




#47  
 Bromodichloromethane  
 Concen: 52.693 ug/l  
 RT: 7.818 min Scan# 1104  
 Delta R.T. -0.006 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

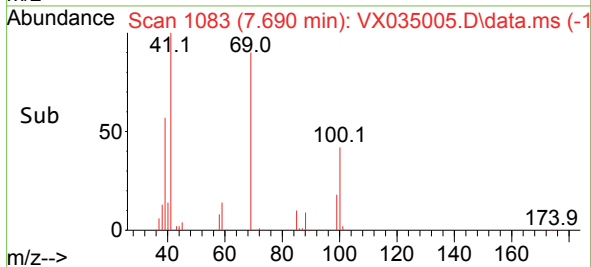
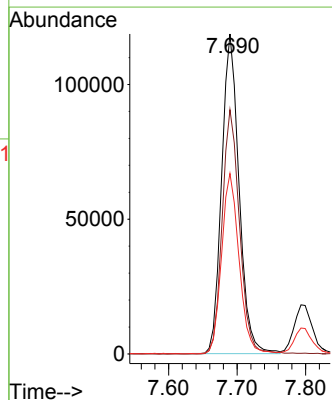
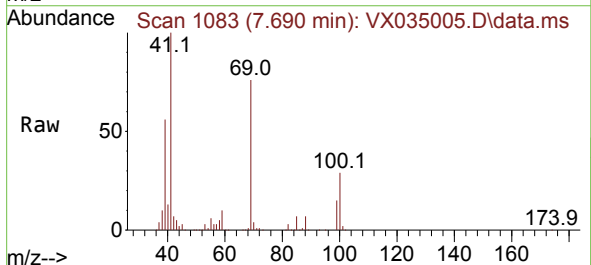
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

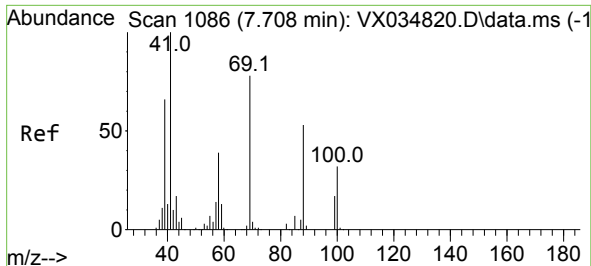
Tgt Ion: 83 Resp: 240522  
 Ion Ratio Lower Upper  
 83 100  
 85 66.3 52.2 78.4  
 127 8.6 6.6 9.8



#48  
 Methyl methacrylate  
 Concen: 50.557 ug/l  
 RT: 7.690 min Scan# 1083  
 Delta R.T. -0.000 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

Tgt Ion: 41 Resp: 208538  
 Ion Ratio Lower Upper  
 41 100  
 69 76.5 62.2 93.4  
 39 56.7 47.7 71.5

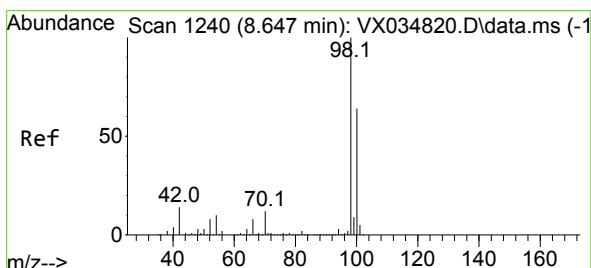
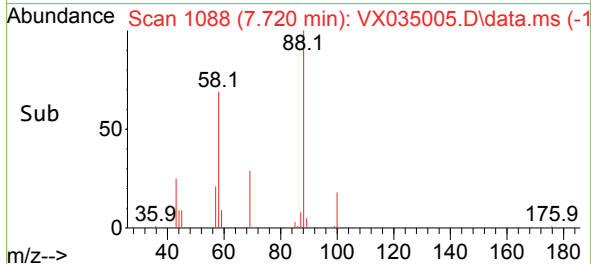
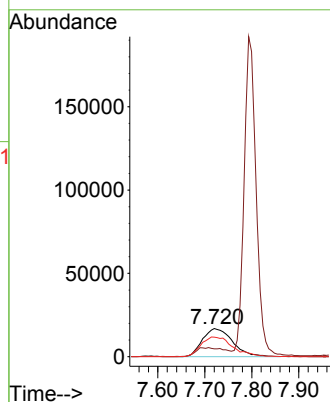
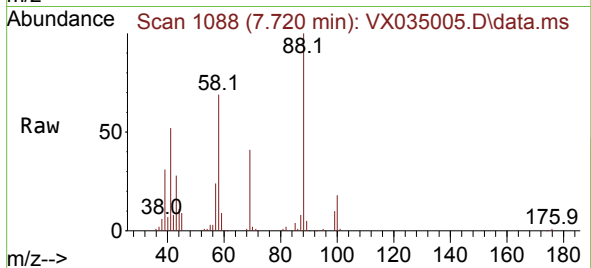




#49  
1,4-Dioxane  
Concen: 885.688 ug/l  
RT: 7.720 min Scan# 1086  
Delta R.T. 0.012 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

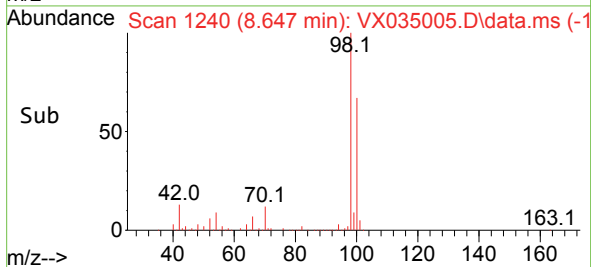
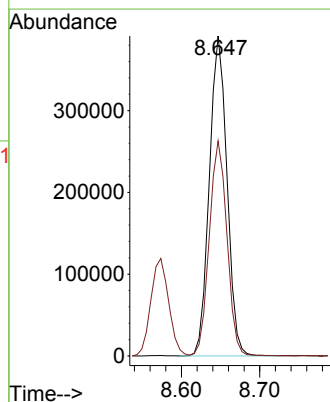
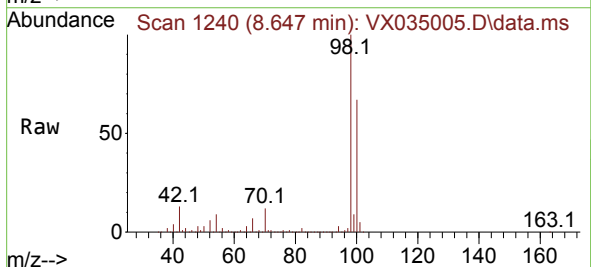
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

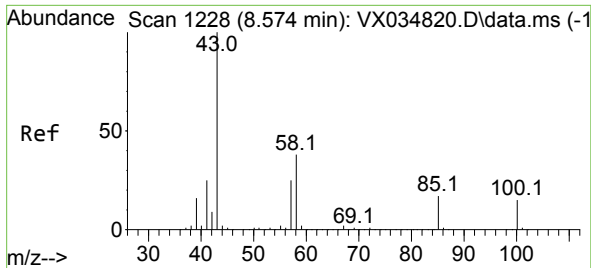
Tgt Ion: 88 Resp: 75288  
Ion Ratio Lower Upper  
88 100  
43 30.7 27.7 41.5  
58 74.5 56.8 85.2



#50  
Toluene-d8  
Concen: 51.085 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 98 Resp: 611077  
Ion Ratio Lower Upper  
98 100  
100 67.2 52.5 78.7

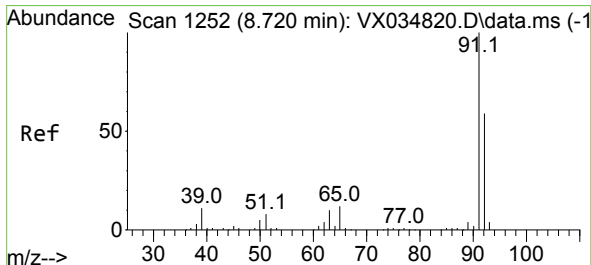
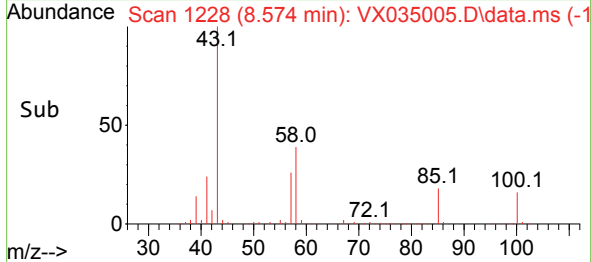
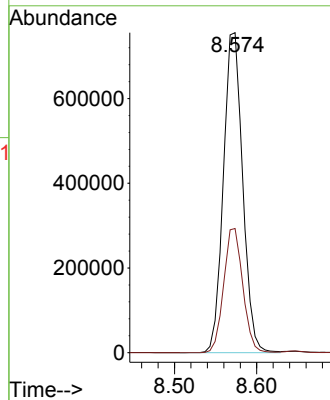
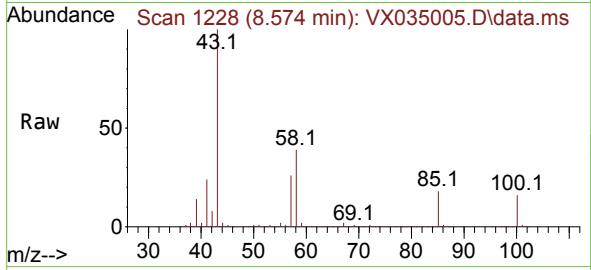




#51  
4-Methyl-2-Pentanone  
Concen: 248.073 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

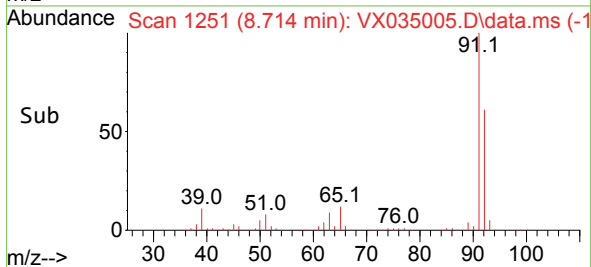
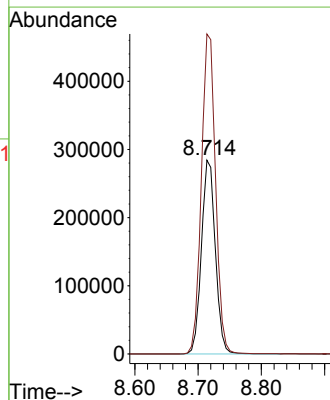
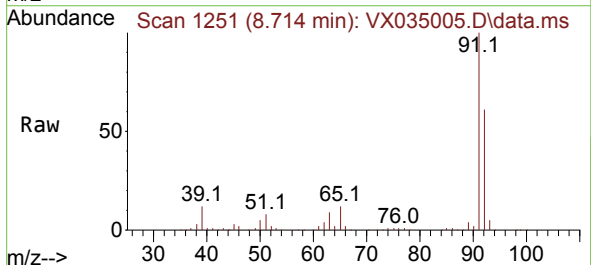
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

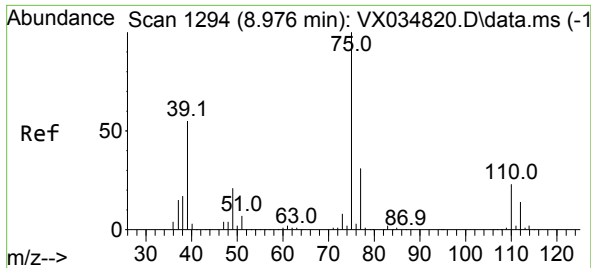
Tgt Ion: 43 Resp: 1233152  
Ion Ratio Lower Upper  
43 100  
58 38.5 30.6 46.0



#52  
Toluene  
Concen: 48.486 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 92 Resp: 435722  
Ion Ratio Lower Upper  
92 100  
91 168.4 136.8 205.2

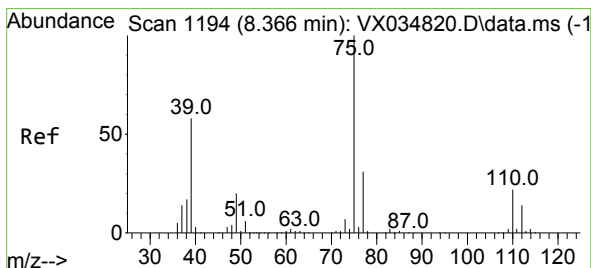
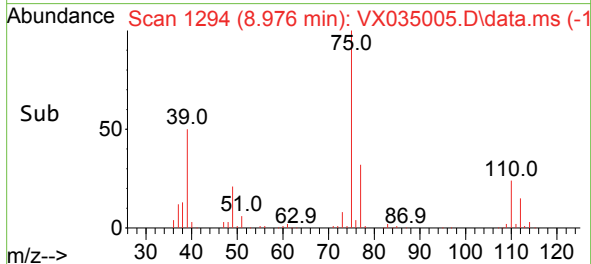
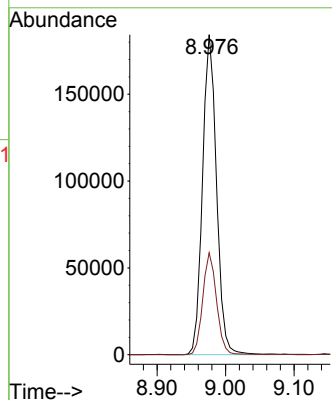
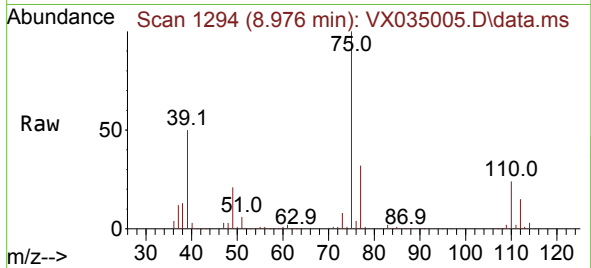




#53  
 t-1,3-Dichloropropene  
 Concen: 53.446 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. -0.000 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

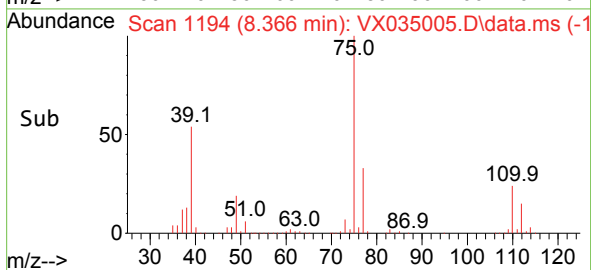
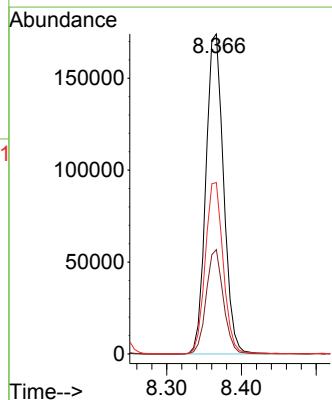
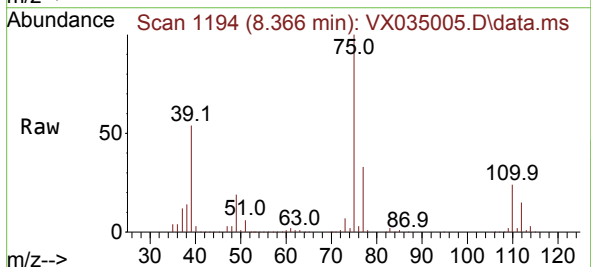
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

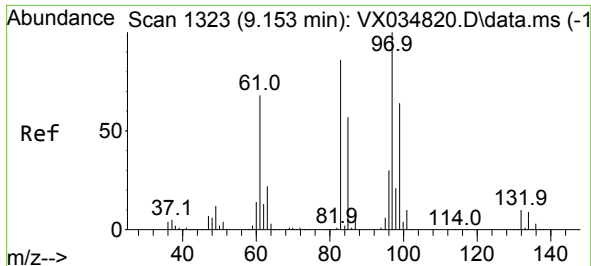
Tgt Ion: 75 Resp: 262445  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.217 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

Tgt Ion: 75 Resp: 285977  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.0 37.4  
 39 53.5 44.6 66.8



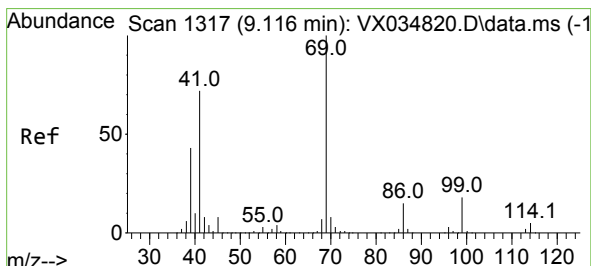
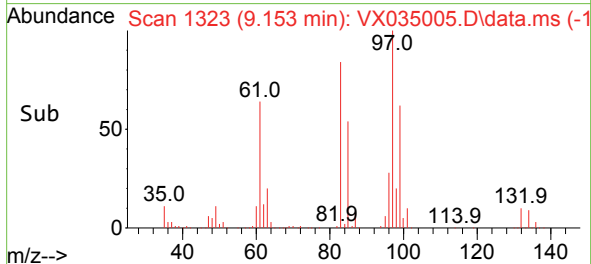
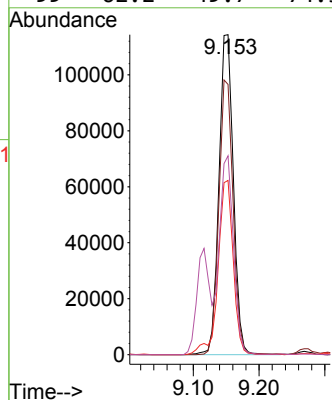
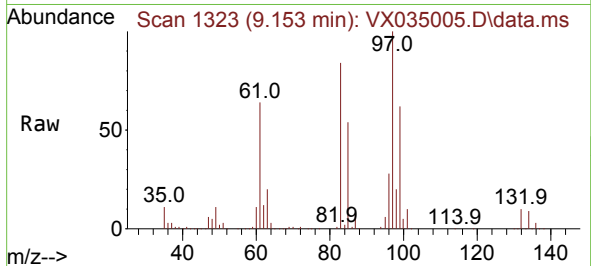


#55  
1,1,2-Trichloroethane  
Concen: 51.386 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 174776

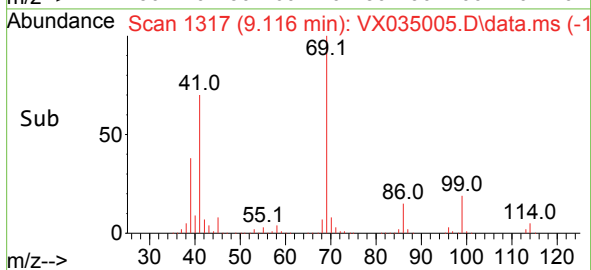
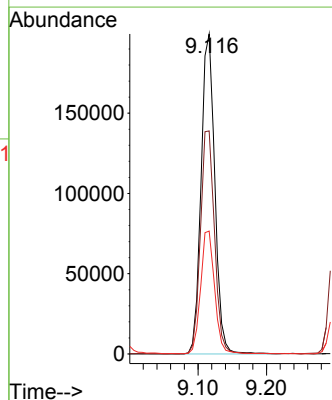
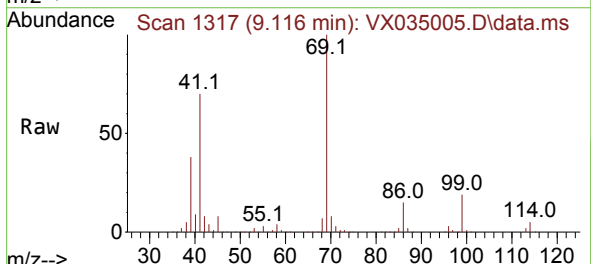
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.5  | 69.7  | 104.5 |
| 85  | 54.5  | 43.7  | 65.5  |
| 99  | 62.2  | 49.7  | 74.5  |

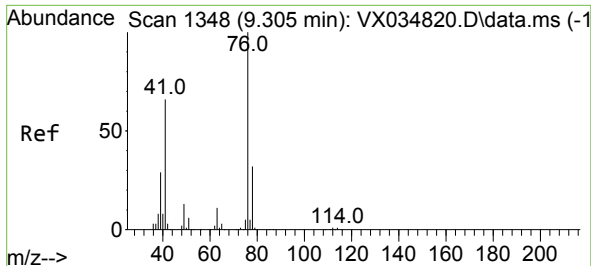


#56  
Ethyl methacrylate  
Concen: 52.251 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 69 Resp: 278443

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.3  | 57.4  | 86.0  |
| 39  | 39.0  | 33.7  | 50.5  |





#57

1,3-Dichloropropane

Concen: 49.839 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

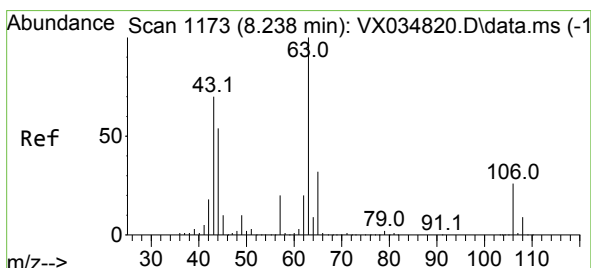
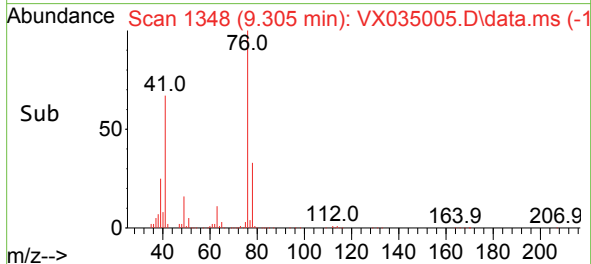
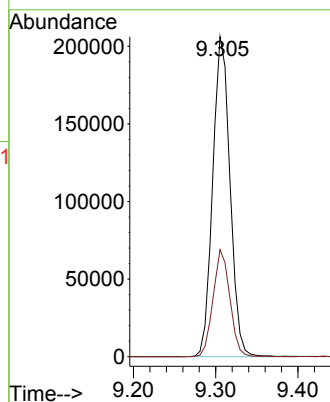
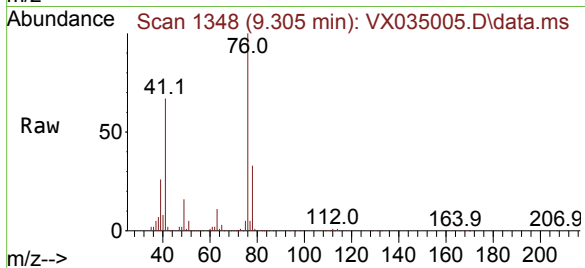
VSTDCCC050

Tgt Ion: 76 Resp: 300205

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 298.866 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035005.D

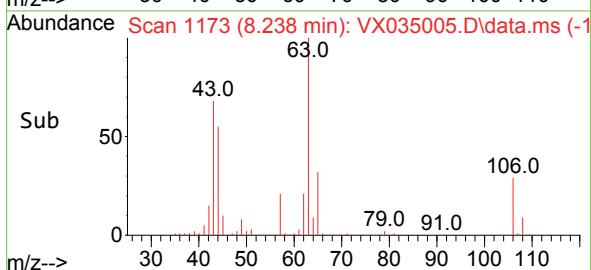
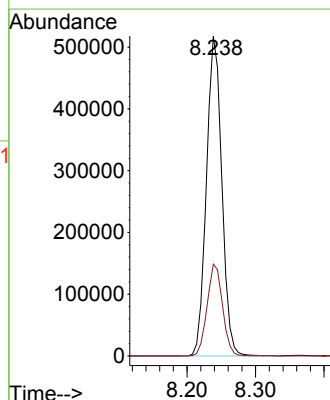
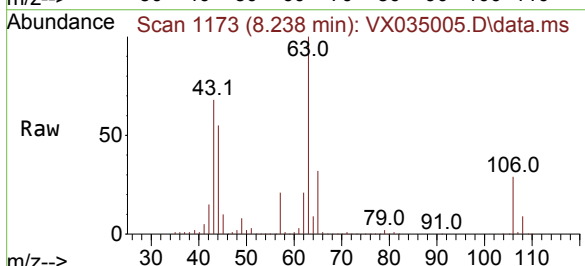
Acq: 11 Apr 2023 13:29

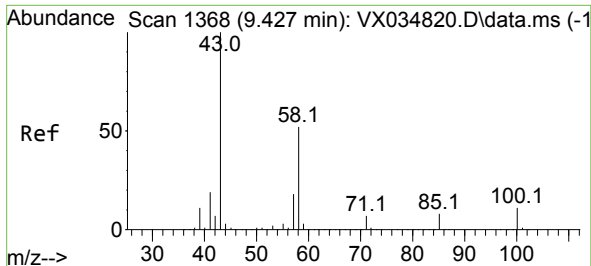
Tgt Ion: 63 Resp: 810938

Ion Ratio Lower Upper

63 100

106 28.8 22.2 33.2

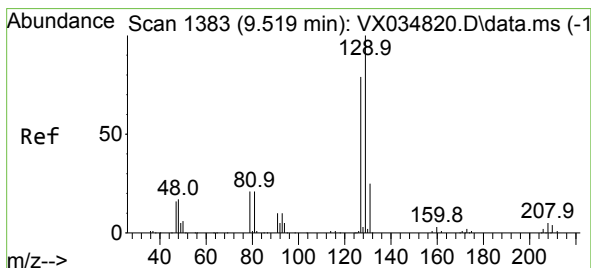
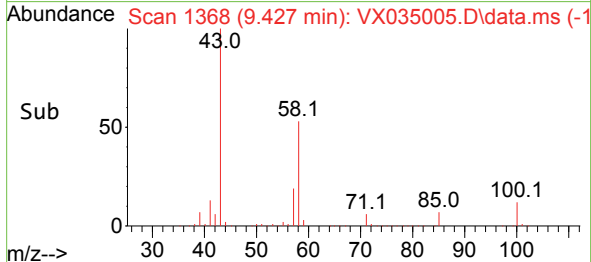
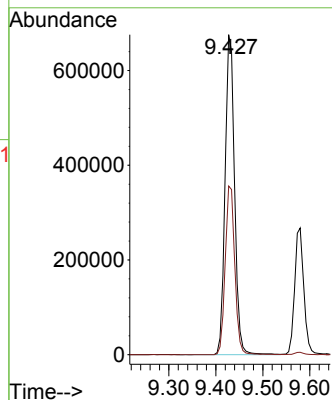
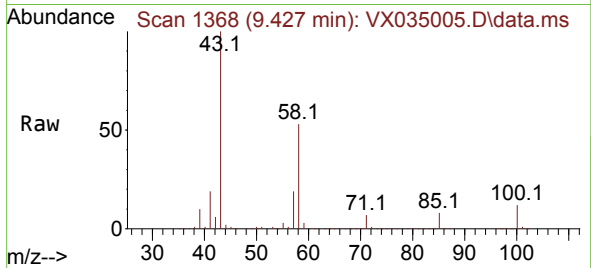




#59  
2-Hexanone  
Concen: 252.532 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

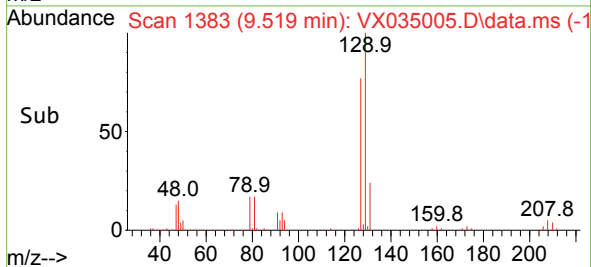
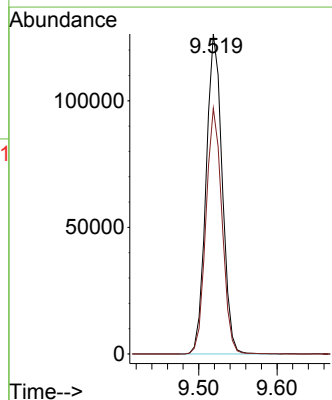
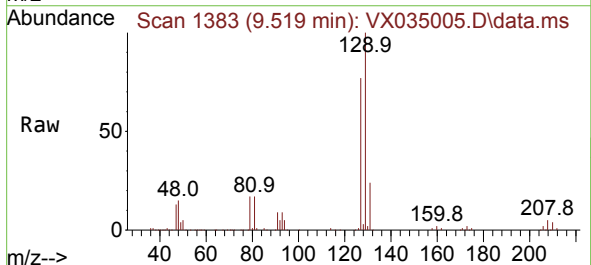
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

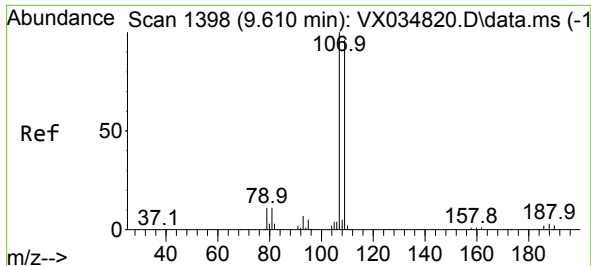
Tgt Ion: 43 Resp: 949469  
Ion Ratio Lower Upper  
43 100  
58 53.3 26.3 78.9



#60  
Dibromochloromethane  
Concen: 55.503 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 129 Resp: 179829  
Ion Ratio Lower Upper  
129 100  
127 76.5 39.0 117.0

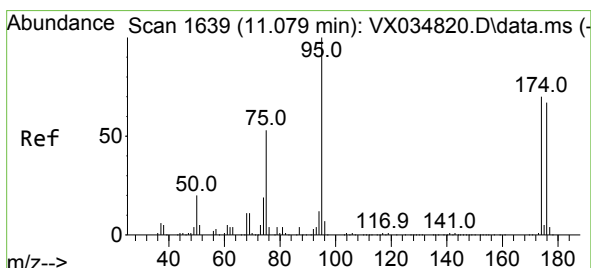
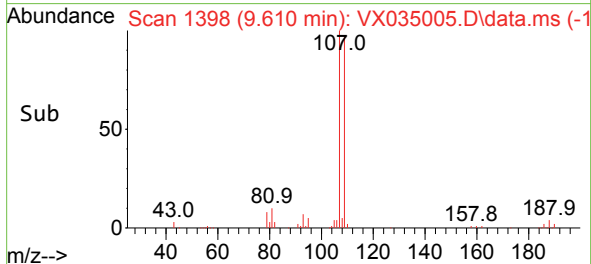
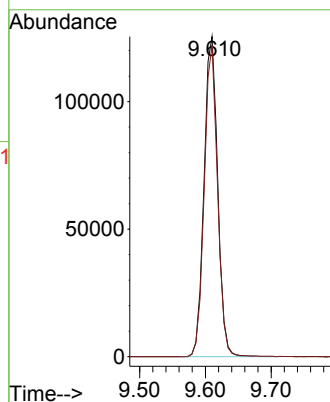
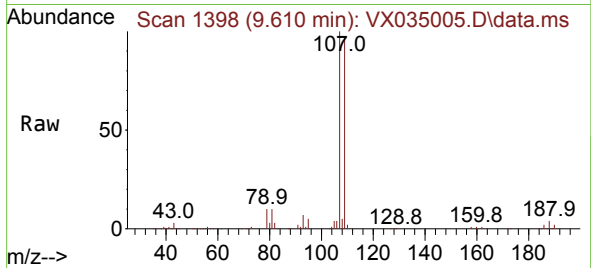




#61  
1,2-Dibromoethane  
Concen: 51.177 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

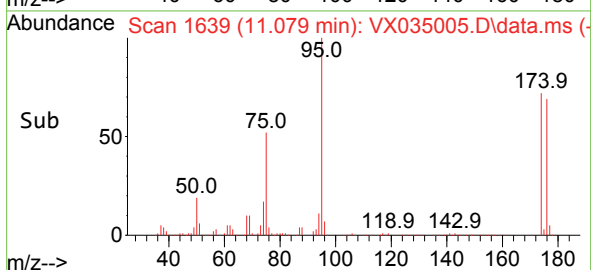
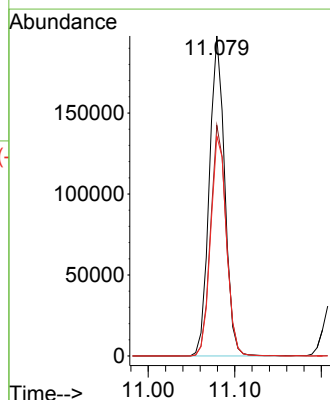
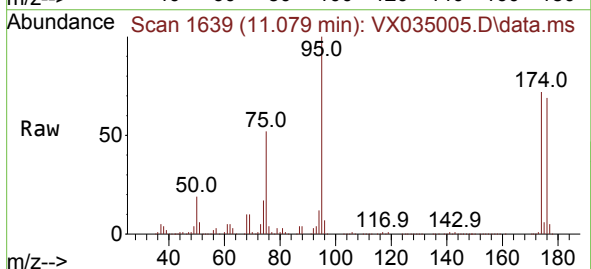
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

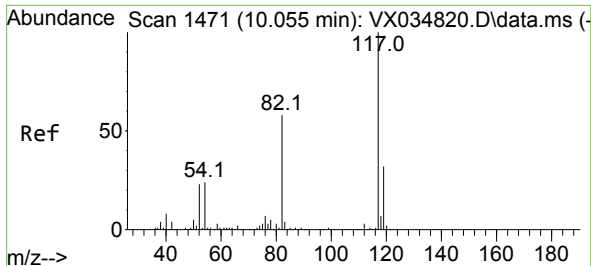
Tgt Ion:107 Resp: 181000  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 52.572 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 95 Resp: 243354  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 147.4  
176 70.8 0.0 140.6

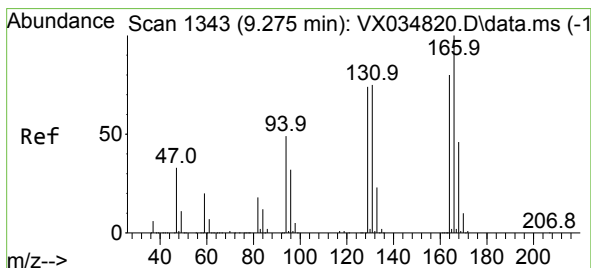
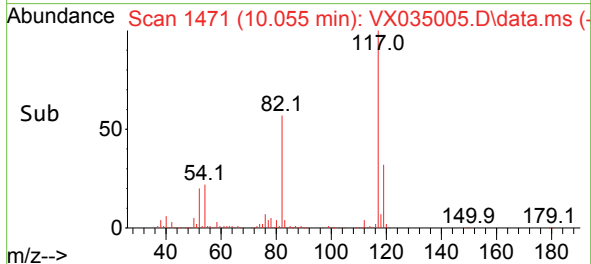
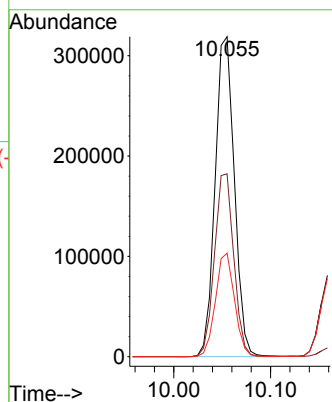
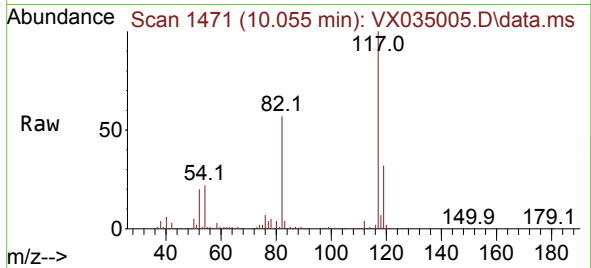




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

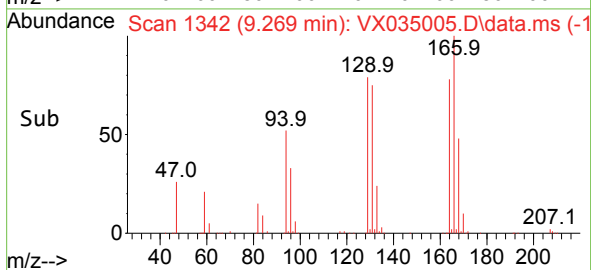
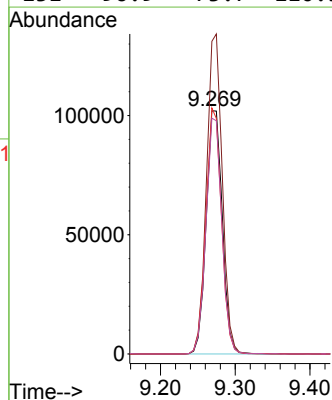
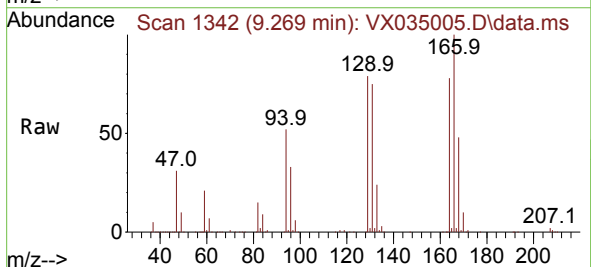
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

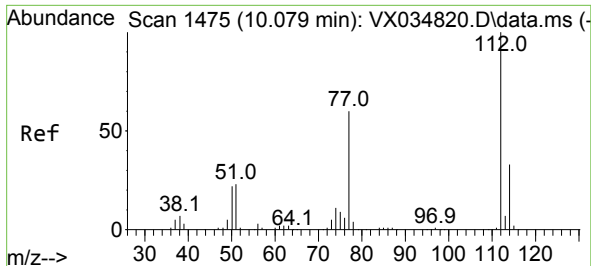
Tgt Ion:117 Resp: 440965  
Ion Ratio Lower Upper  
117 100  
82 57.2 45.0 67.4  
119 32.4 26.0 39.0



#64  
Tetrachloroethene  
Concen: 48.308 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion:164 Resp: 152448  
Ion Ratio Lower Upper  
164 100  
166 128.5 102.7 154.1  
129 101.1 75.6 113.4  
131 96.9 73.7 110.5

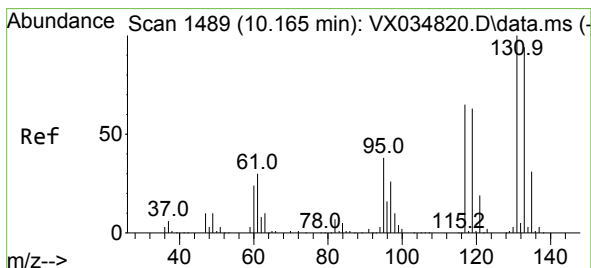
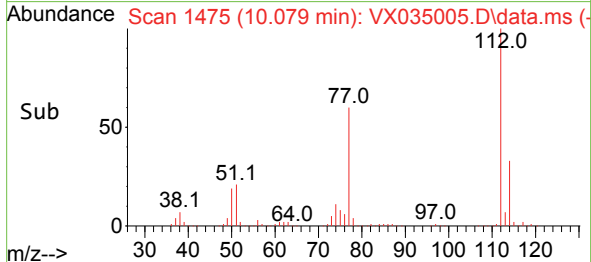
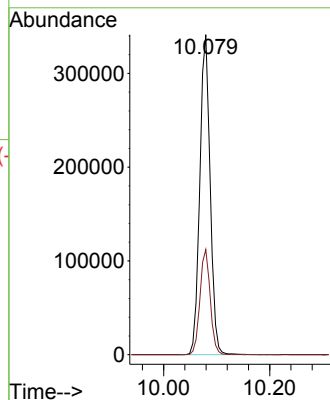
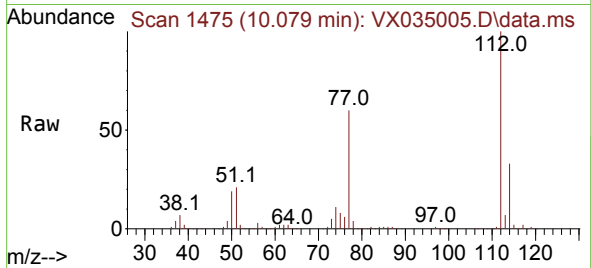




#65  
Chlorobenzene  
Concen: 50.146 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

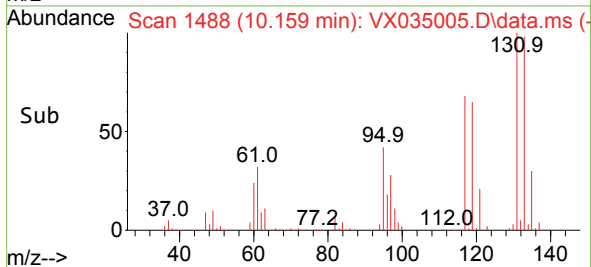
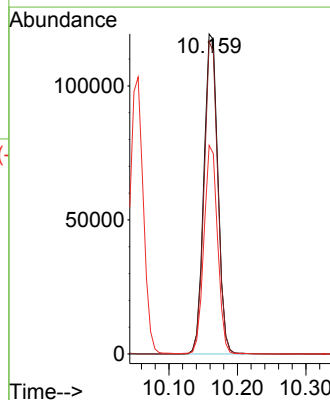
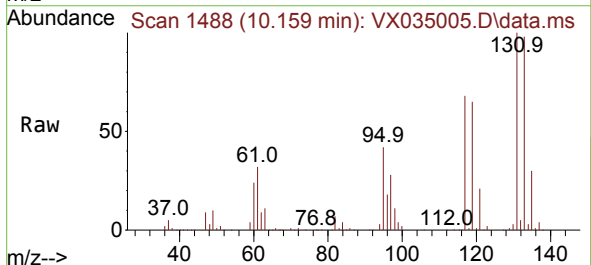
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

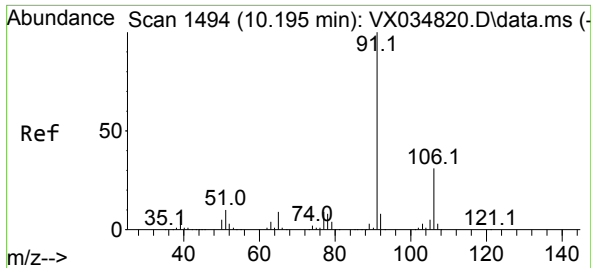
Tgt Ion:112 Resp: 460079  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.907 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion:131 Resp: 170068  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.1 141.4  
119 63.8 32.6 98.0

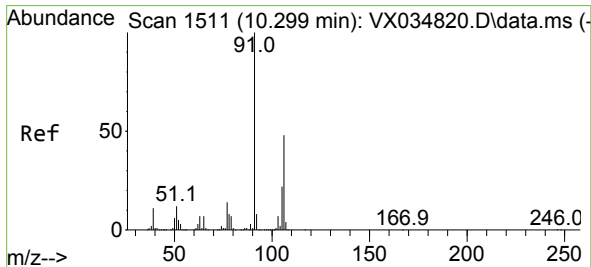
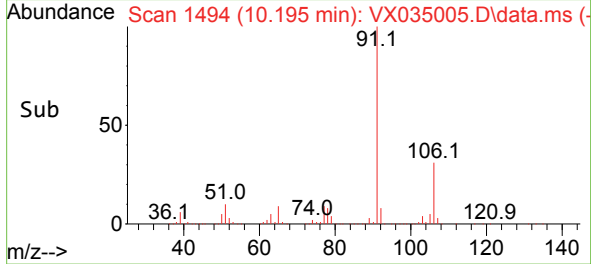
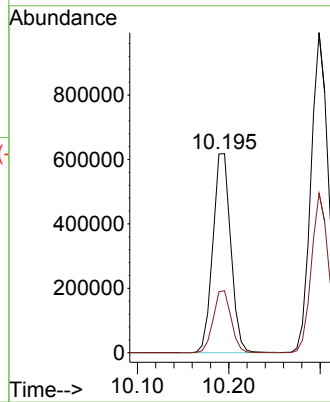
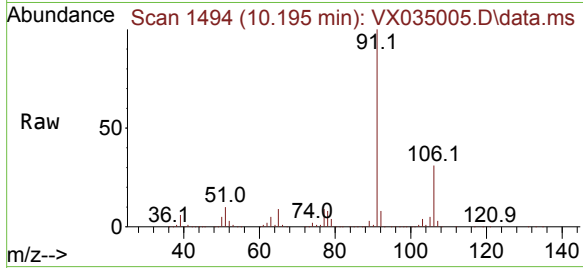




#67  
Ethyl Benzene  
Concen: 50.580 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

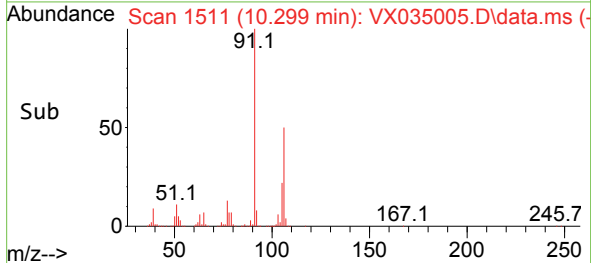
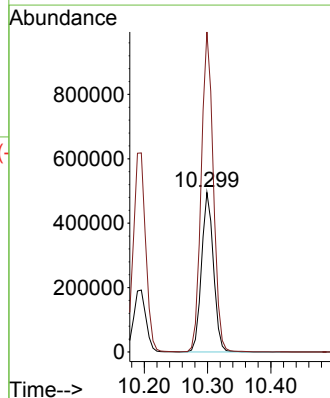
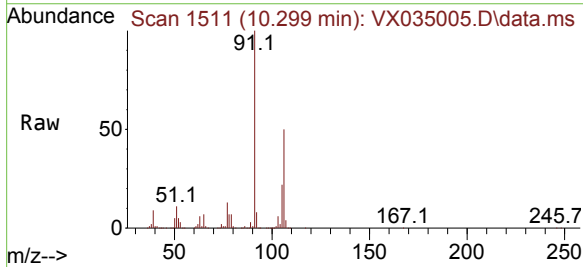
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

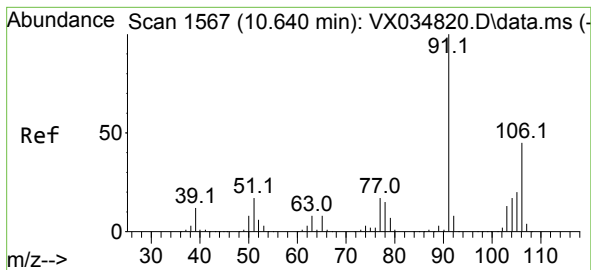
Tgt Ion: 91 Resp: 840667  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.6 38.4



#68  
m/p-Xylenes  
Concen: 102.348 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 106 Resp: 649805  
Ion Ratio Lower Upper  
106 100  
91 203.2 164.0 246.0

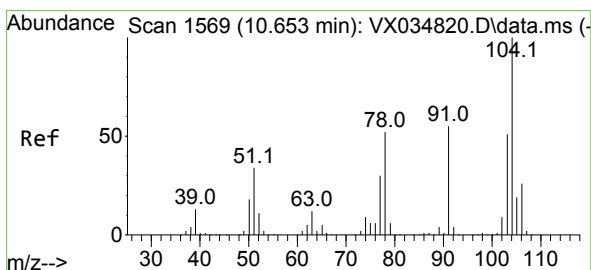
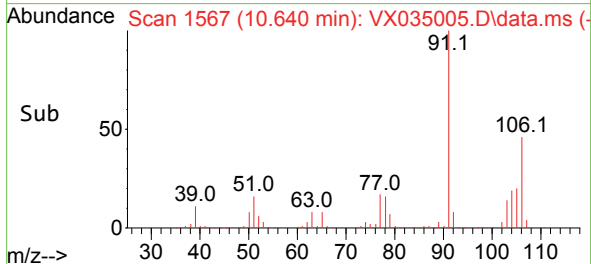
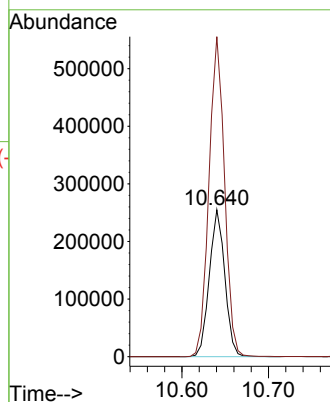
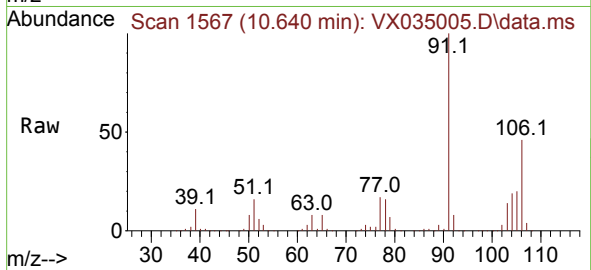




#69  
o-Xylene  
Concen: 50.927 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

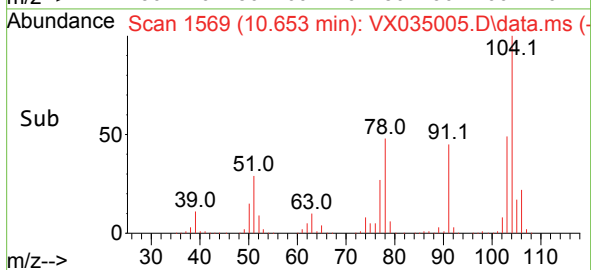
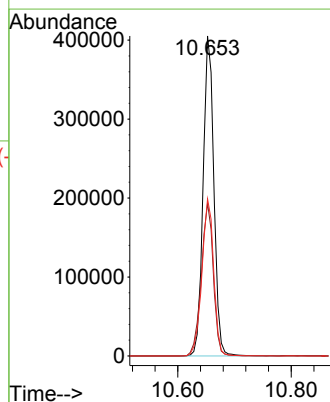
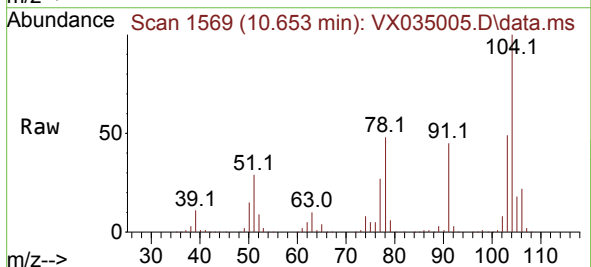
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

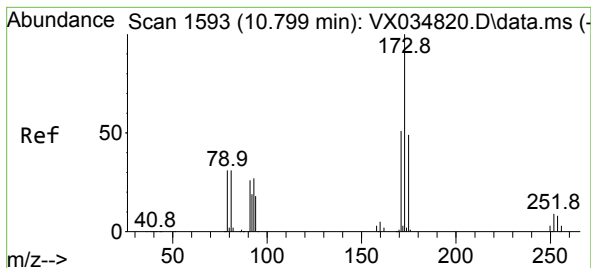
Tgt Ion:106 Resp: 316746  
Ion Ratio Lower Upper  
106 100  
91 218.7 108.5 325.3



#70  
Styrene  
Concen: 53.658 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.001 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion:104 Resp: 532751  
Ion Ratio Lower Upper  
104 100  
78 53.3 43.4 65.2  
103 53.9 44.2 66.2





#71

Bromoform

Concen: 56.314 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

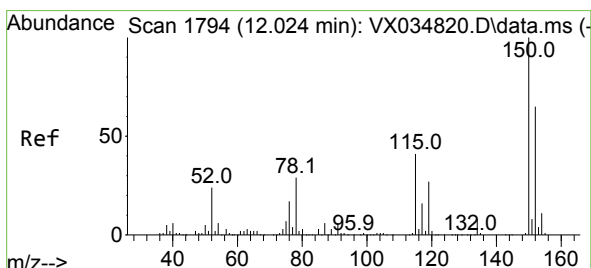
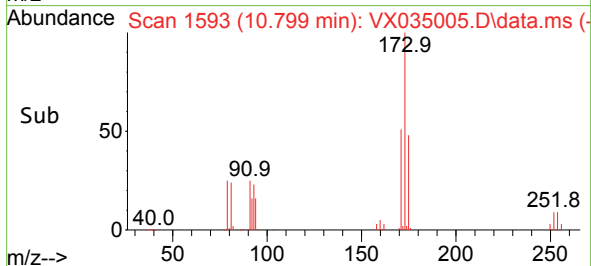
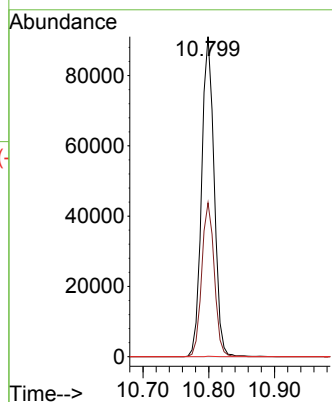
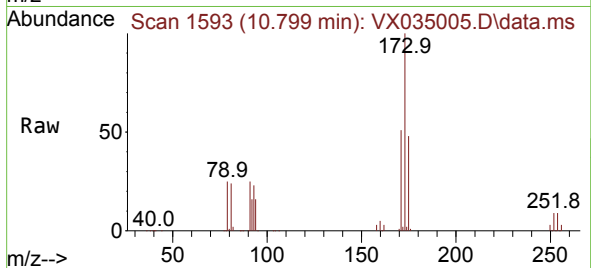
Tgt Ion:173 Resp: 120833

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

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: VX035005.D

Acq: 11 Apr 2023 13:29

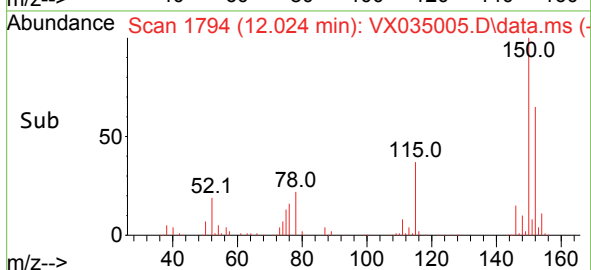
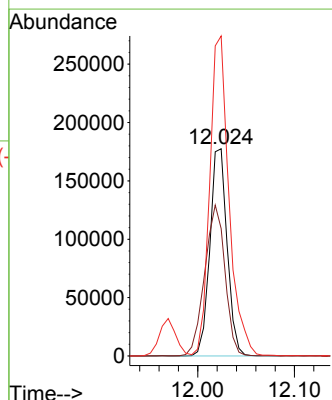
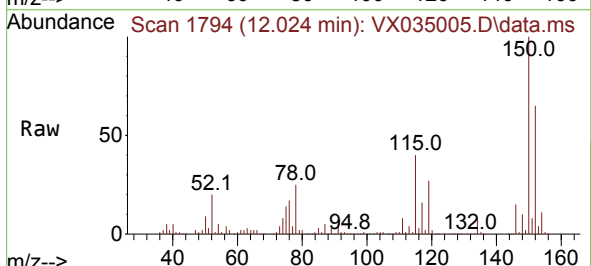
Tgt Ion:152 Resp: 220496

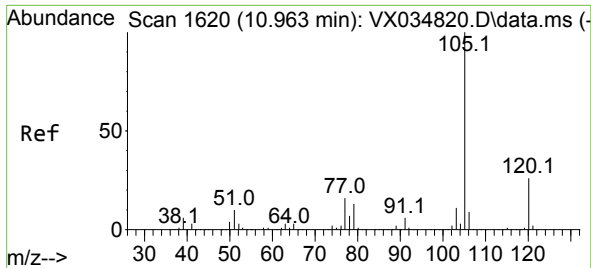
Ion Ratio Lower Upper

152 100

115 86.1 45.0 135.0

150 172.1 0.0 352.4

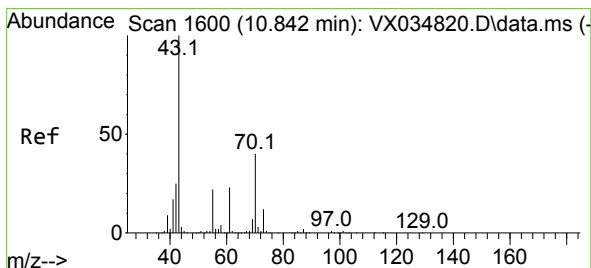
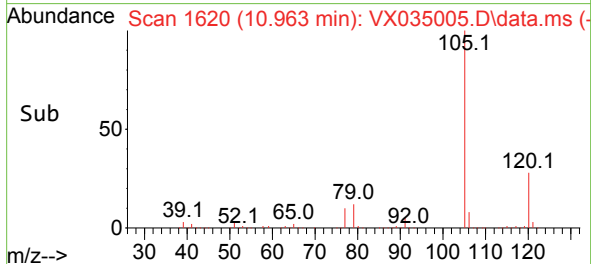
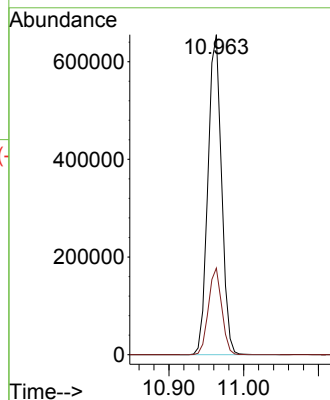
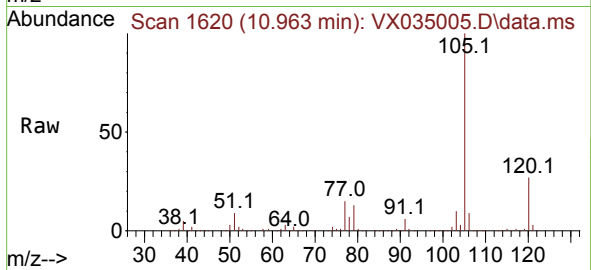




#73  
Isopropylbenzene  
Concen: 51.165 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

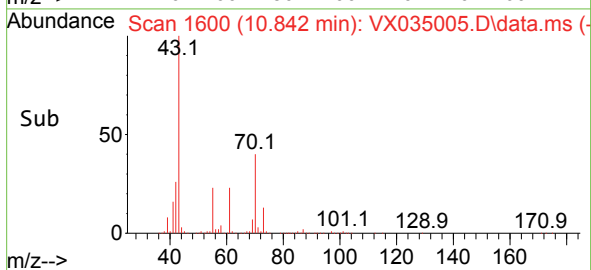
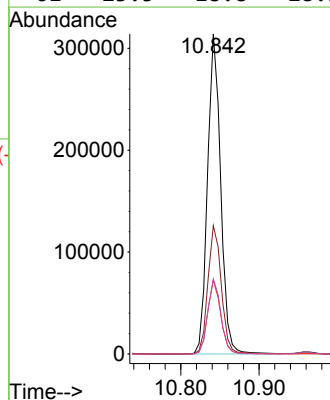
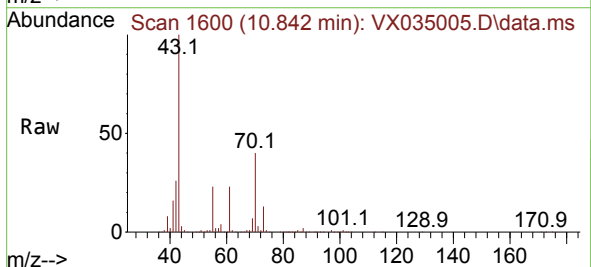
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

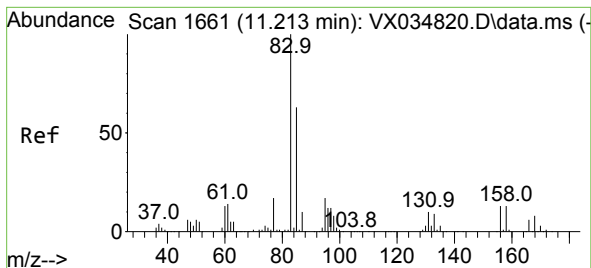
Tgt Ion:105 Resp: 826379  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.3 39.9



#74  
N-ethyl acetate  
Concen: 50.224 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.001 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 43 Resp: 364723  
Ion Ratio Lower Upper  
43 100  
70 41.2 32.1 48.1  
55 23.1 18.3 27.5  
61 23.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.843 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

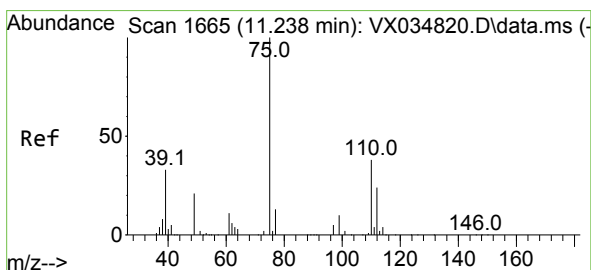
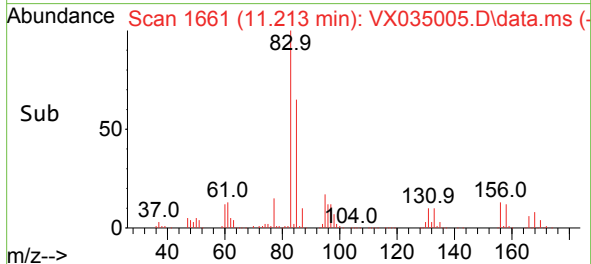
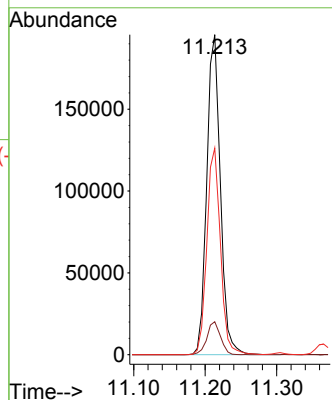
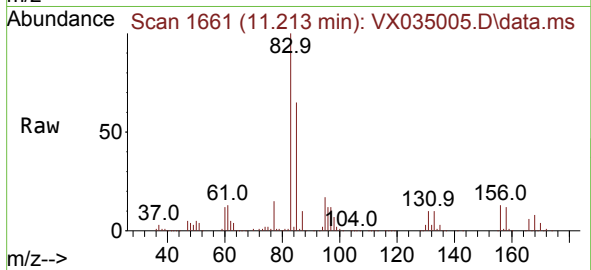
Tgt Ion: 83 Resp: 258556

Ion Ratio Lower Upper

83 100

131 10.3 4.8 14.3

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 64.246 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035005.D

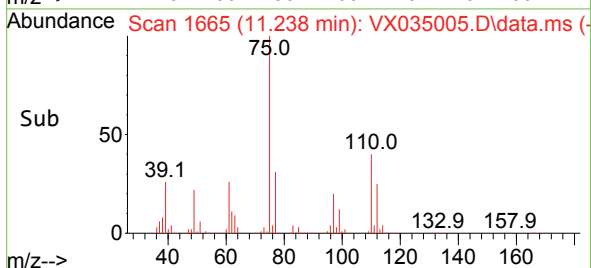
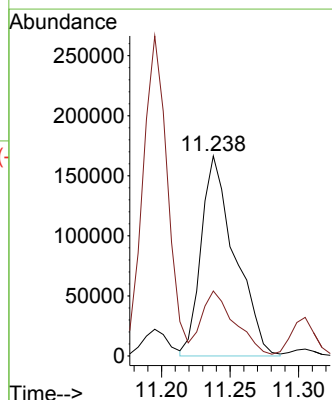
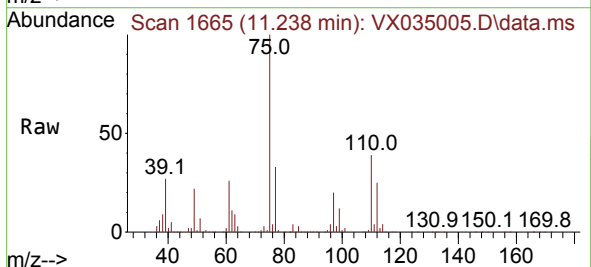
Acq: 11 Apr 2023 13:29

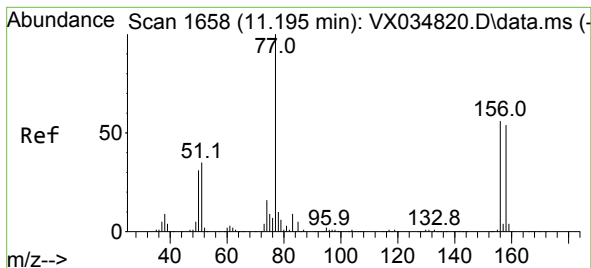
Tgt Ion: 75 Resp: 285435

Ion Ratio Lower Upper

75 100

77 32.2 21.6 64.8





#77

Bromobenzene

Concen: 48.779 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

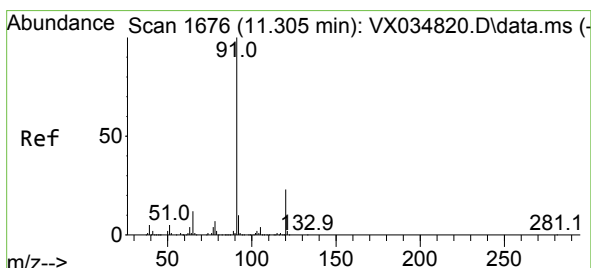
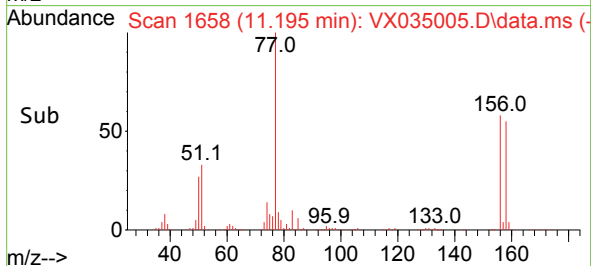
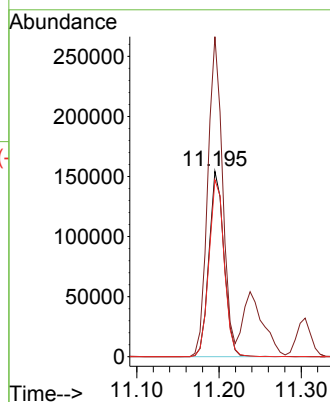
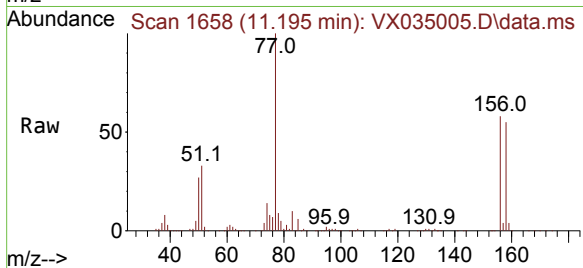
Tgt Ion:156 Resp: 195215

Ion Ratio Lower Upper

156 100

77 170.7 86.7 259.9

158 97.3 48.0 144.0



#78

n-propylbenzene

Concen: 50.975 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035005.D

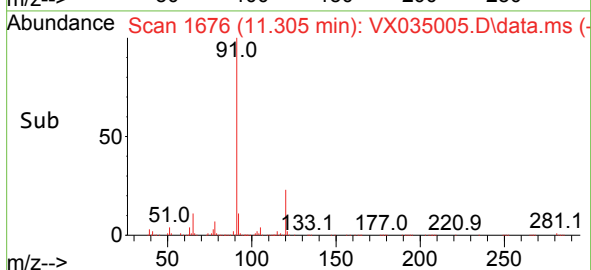
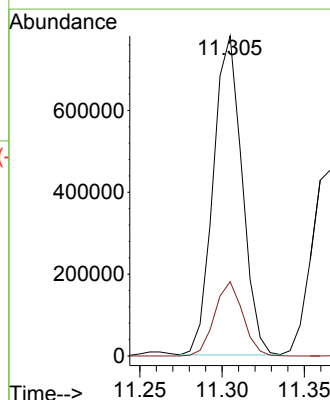
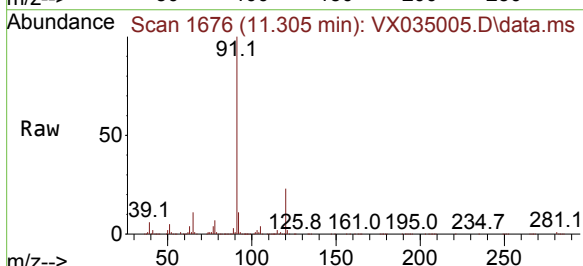
Acq: 11 Apr 2023 13:29

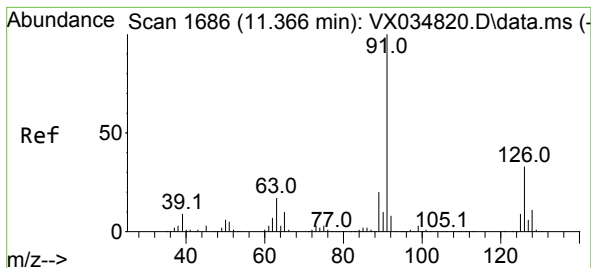
Tgt Ion: 91 Resp: 951094

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5

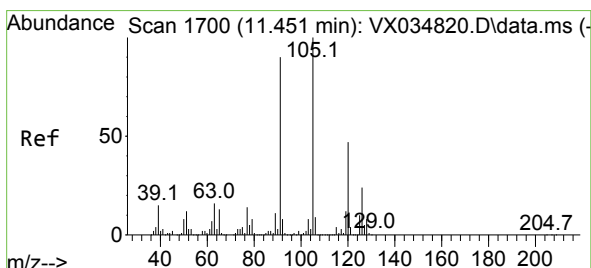
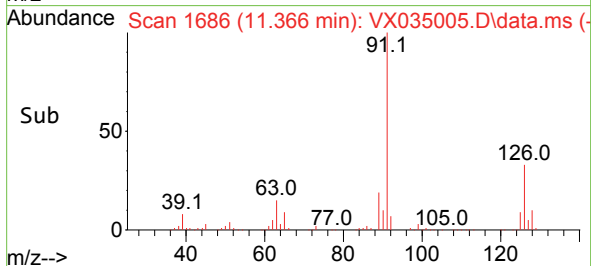
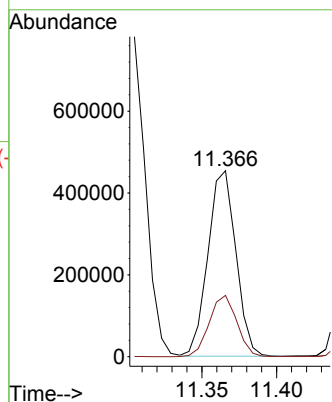
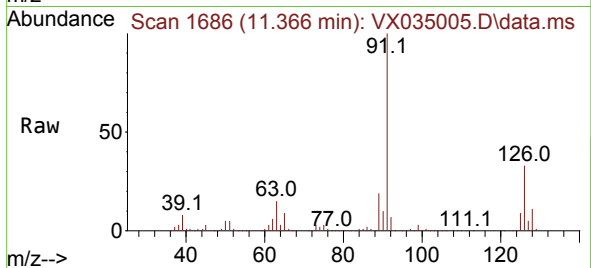




#79  
2-Chlorotoluene  
Concen: 50.061 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

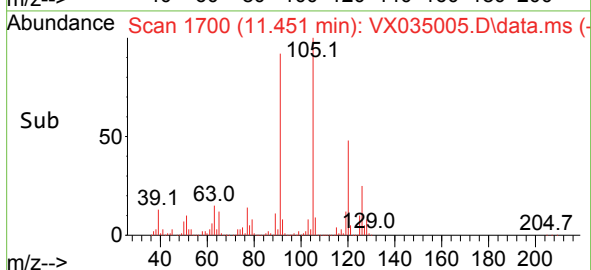
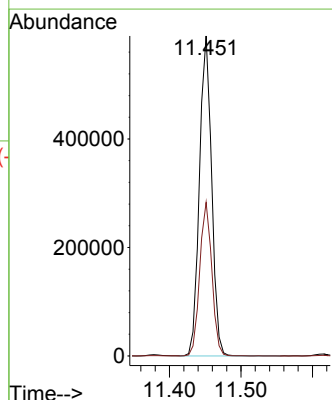
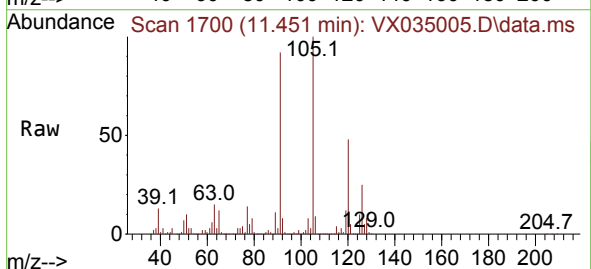
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

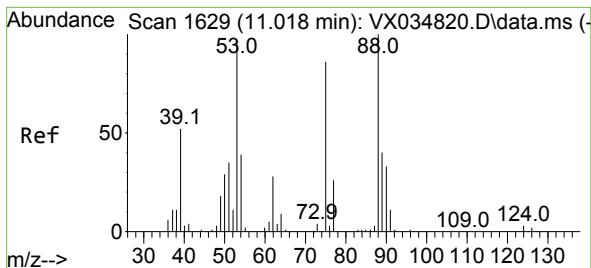
Tgt Ion: 91 Resp: 589732  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.3 48.9



#80  
1,3,5-Trimethylbenzene  
Concen: 51.573 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 105 Resp: 696462  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.7 71.1

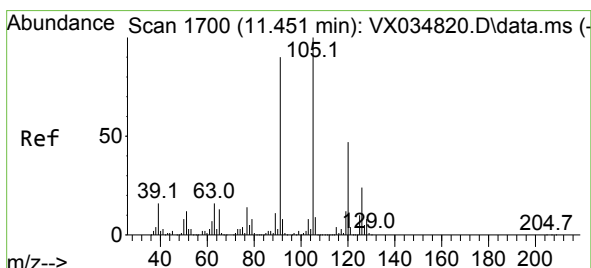
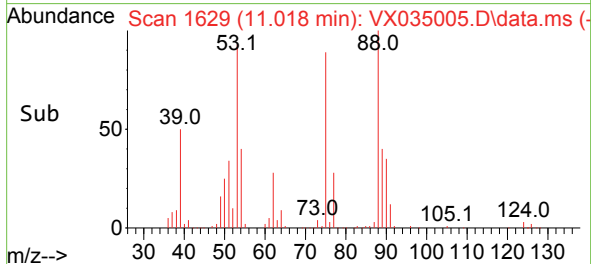
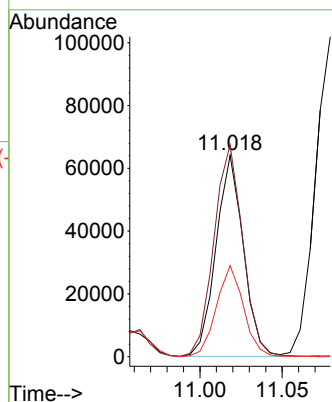
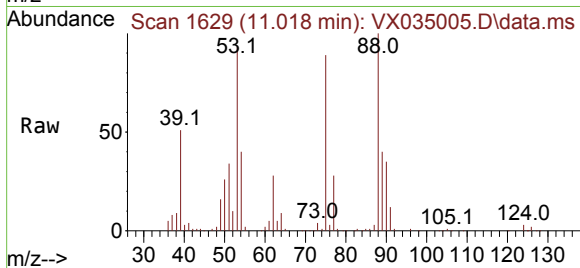




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.900 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

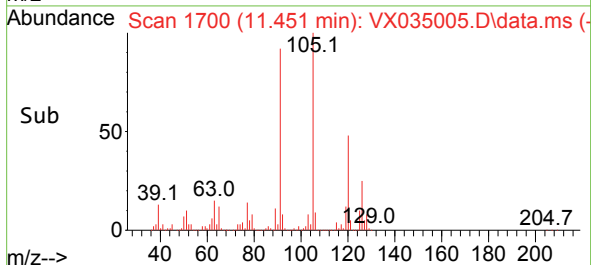
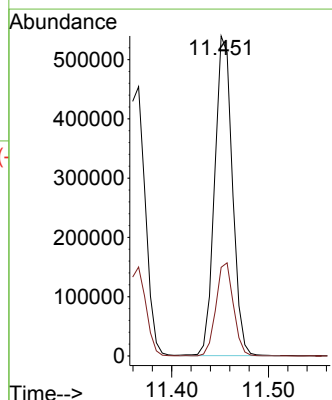
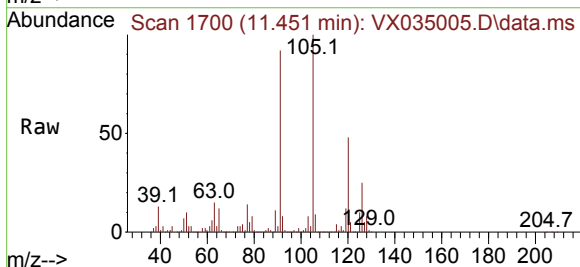
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

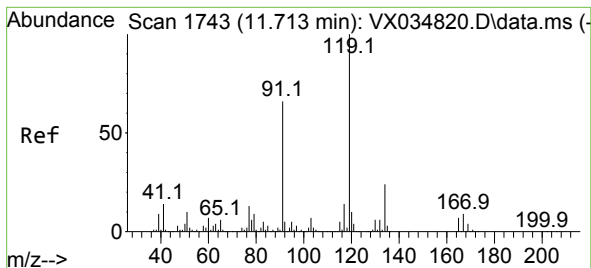
Tgt Ion: 75 Resp: 73975  
Ion Ratio Lower Upper  
75 100  
53 111.1 82.6 124.0  
89 45.1 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 50.156 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 91 Resp: 686131  
Ion Ratio Lower Upper  
91 100  
126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.880 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

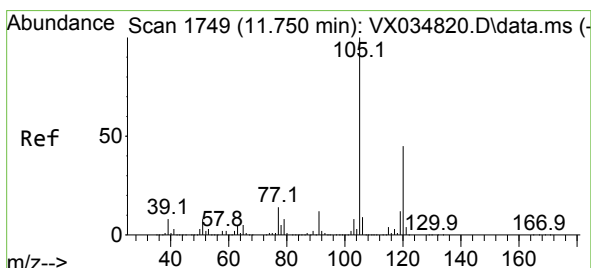
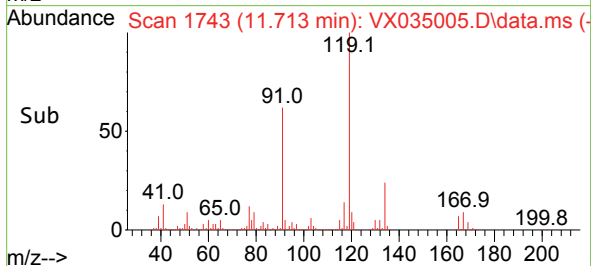
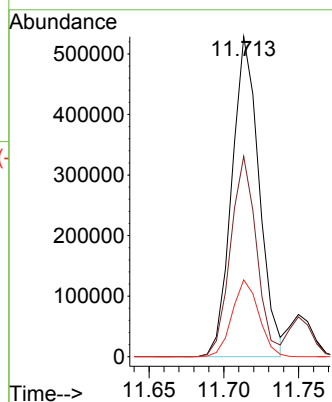
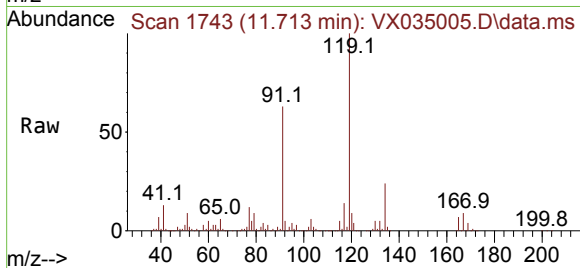
Tgt Ion:119 Resp: 670580

Ion Ratio Lower Upper

119 100

91 60.0 30.6 92.0

134 23.5 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 51.060 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035005.D

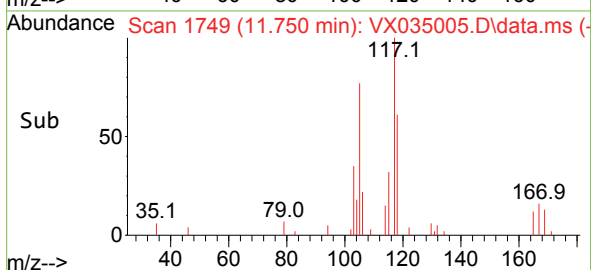
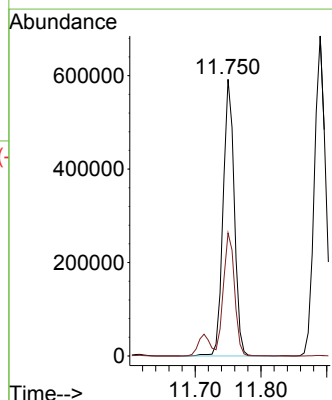
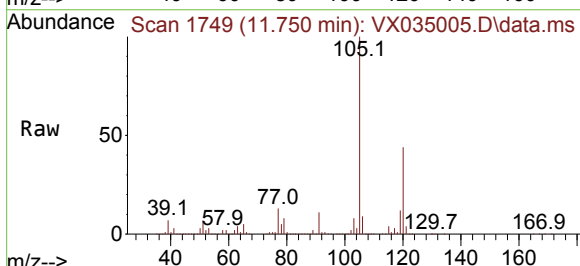
Acq: 11 Apr 2023 13:29

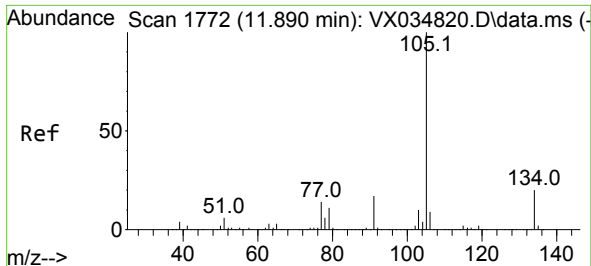
Tgt Ion:105 Resp: 701206

Ion Ratio Lower Upper

105 100

120 44.1 22.4 67.0

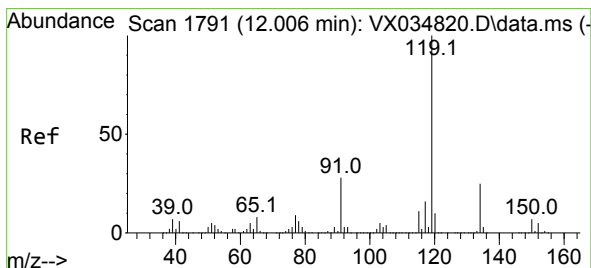
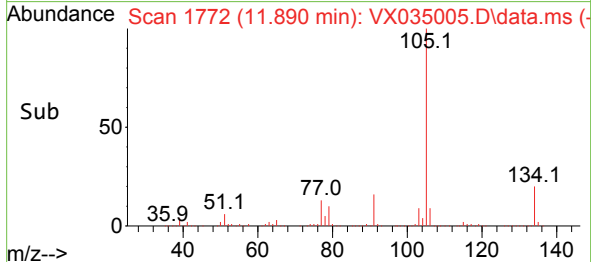
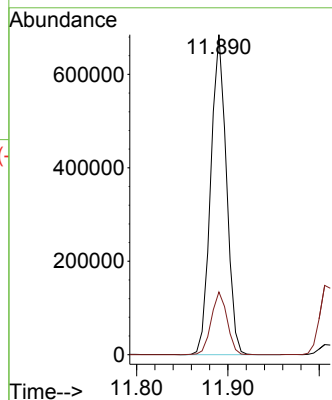
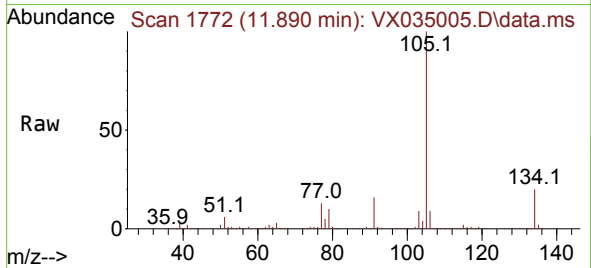




#85  
 sec-Butylbenzene  
 Concen: 52.745 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

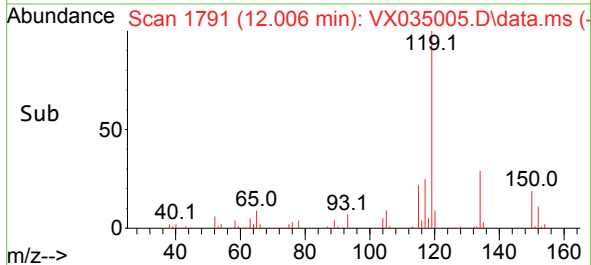
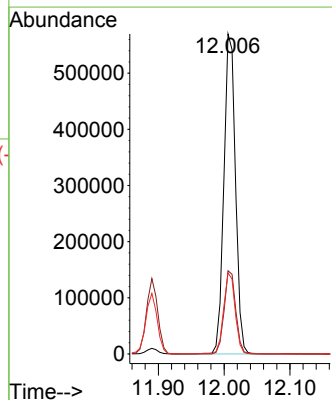
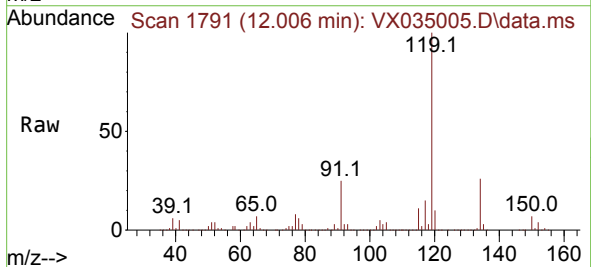
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

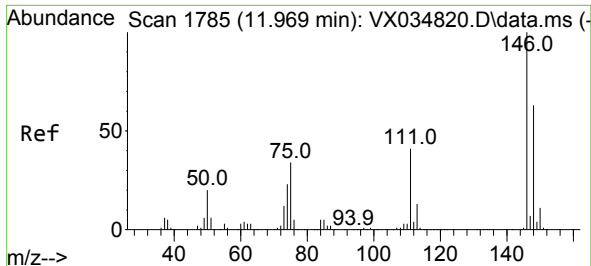
Tgt Ion:105 Resp: 813715  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 54.298 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX035005.D  
 Acq: 11 Apr 2023 13:29

Tgt Ion:119 Resp: 698492  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.2 39.5  
 91 25.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 51.233 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

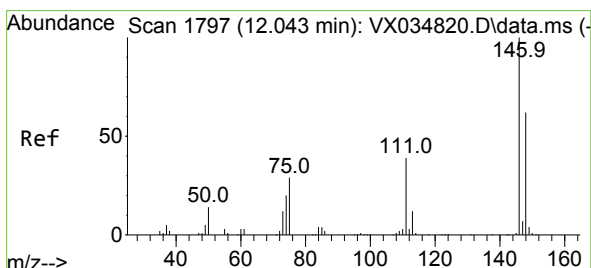
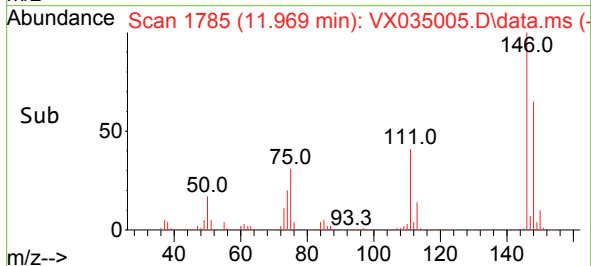
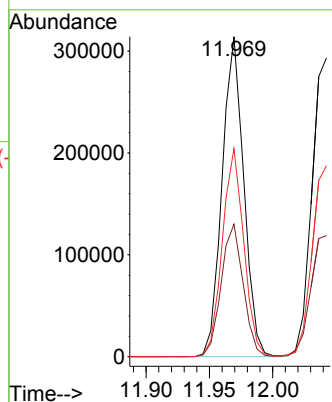
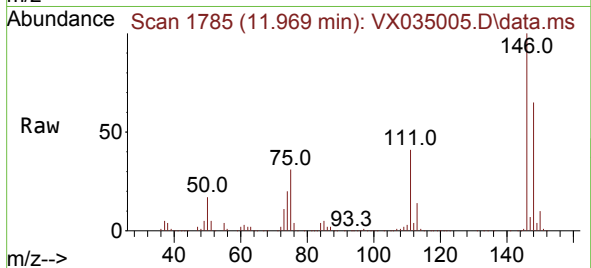
Tgt Ion:146 Resp: 373399

Ion Ratio Lower Upper

146 100

111 42.2 20.9 62.8

148 64.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.310 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

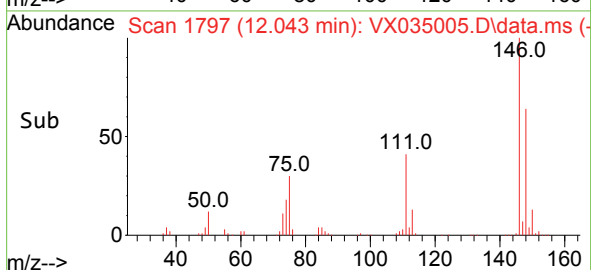
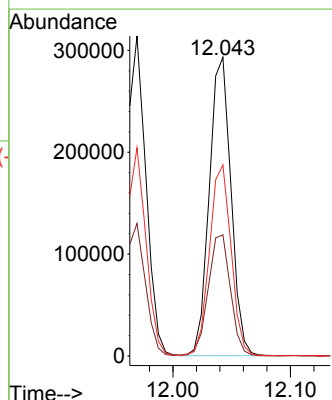
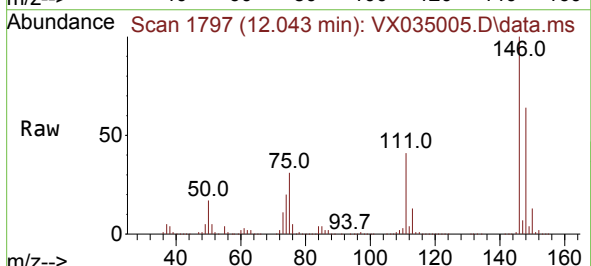
Tgt Ion:146 Resp: 375355

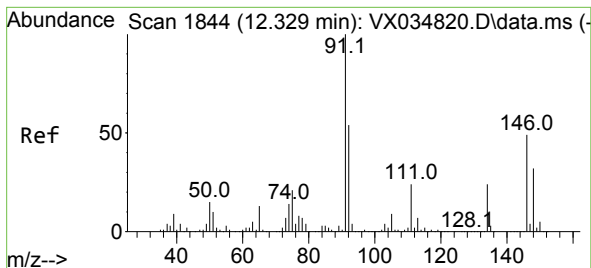
Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 53.992 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

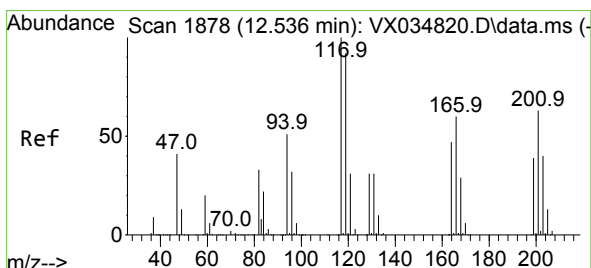
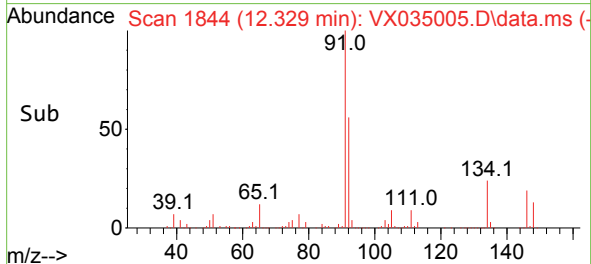
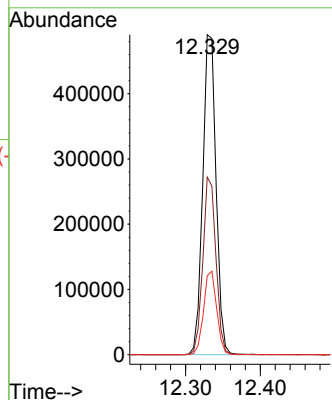
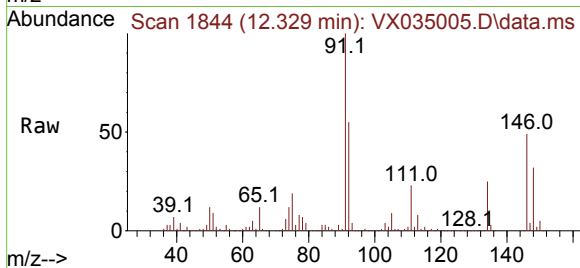
Tgt Ion: 91 Resp: 606837

Ion Ratio Lower Upper

91 100

92 54.6 27.7 83.0

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 56.039 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035005.D

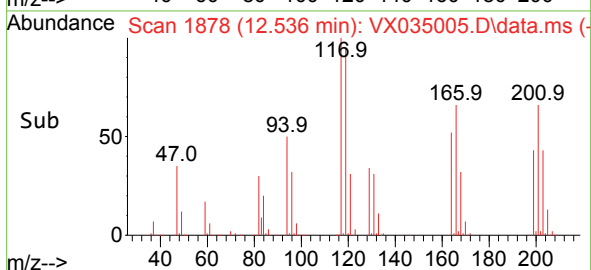
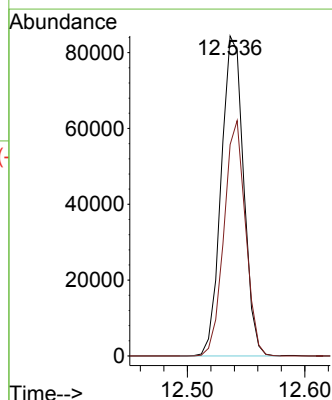
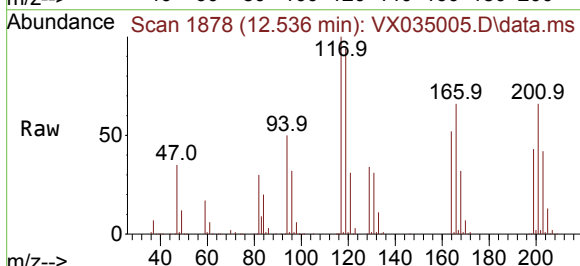
Acq: 11 Apr 2023 13:29

Tgt Ion: 117 Resp: 111691

Ion Ratio Lower Upper

117 100

201 70.6 34.4 103.1

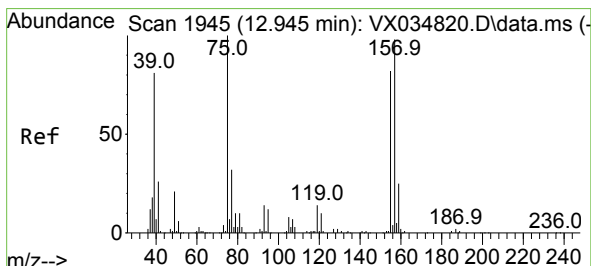
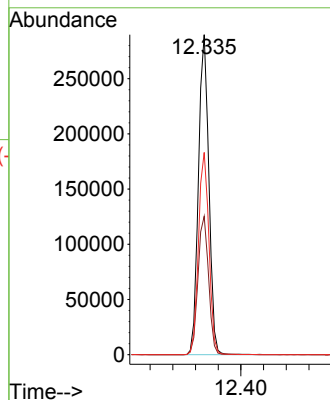
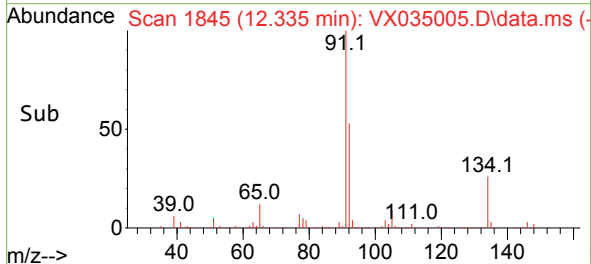
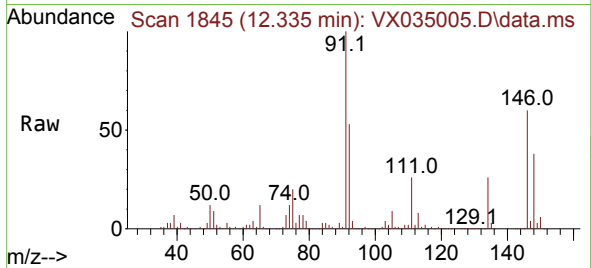




#91  
1,2-Dichlorobenzene  
Concen: 50.400 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

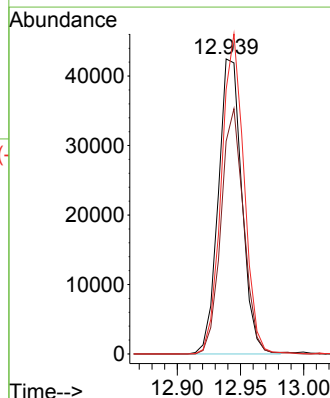
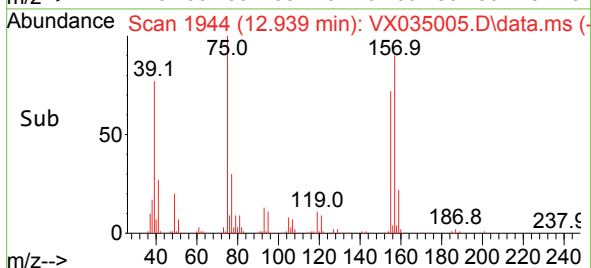
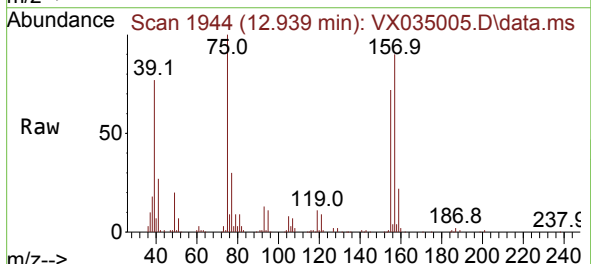
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 367889  
Ion Ratio Lower Upper  
146 100  
111 44.1 22.0 66.0  
148 63.7 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.725 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion: 75 Resp: 54943  
Ion Ratio Lower Upper  
75 100  
155 80.1 38.4 115.1  
157 104.1 49.9 149.7

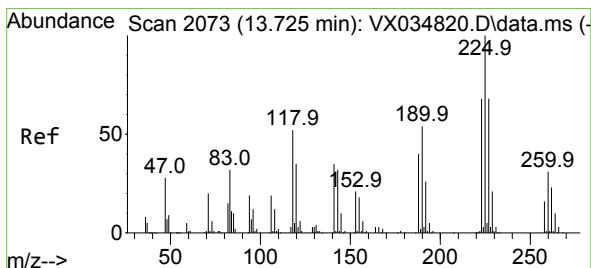
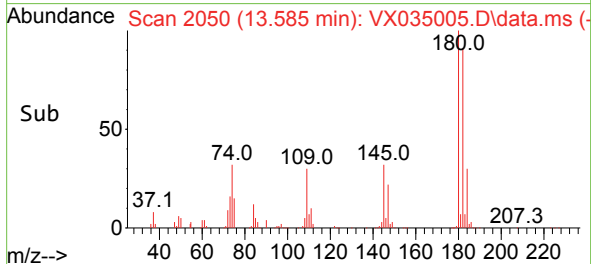
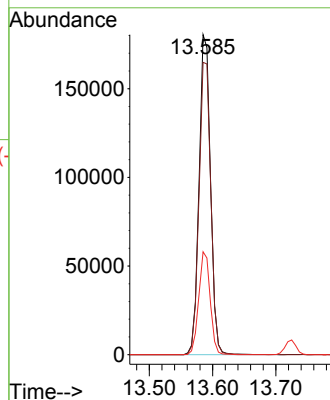
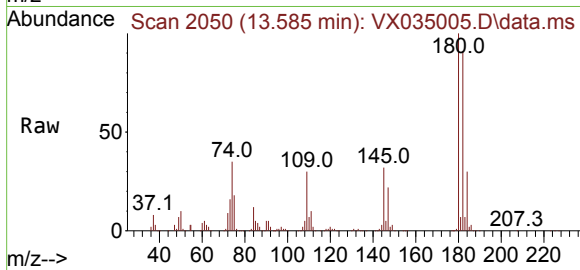




#93  
1,2,4-Trichlorobenzene  
Concen: 55.087 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

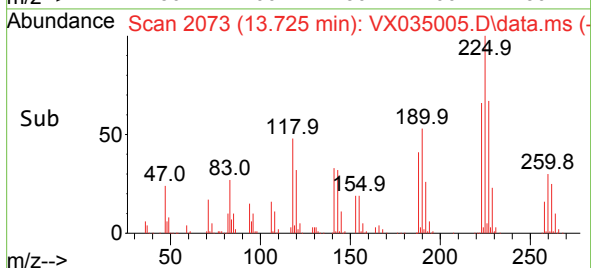
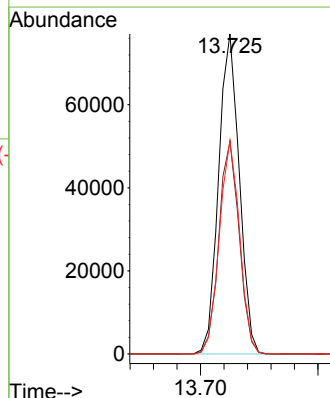
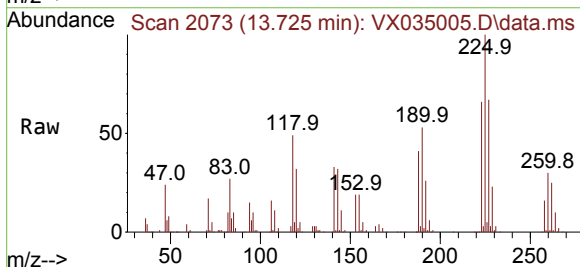
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

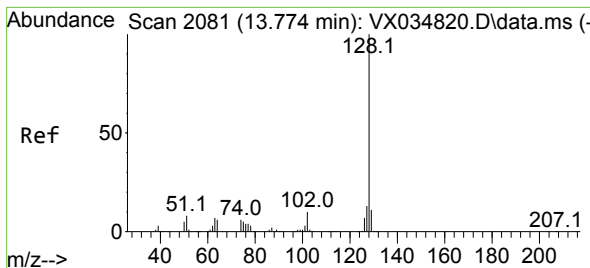
Tgt Ion:180 Resp: 227423  
Ion Ratio Lower Upper  
180 100  
182 94.3 47.0 141.0  
145 32.1 15.9 47.7



#94  
Hexachlorobutadiene  
Concen: 51.941 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX035005.D  
Acq: 11 Apr 2023 13:29

Tgt Ion:225 Resp: 94314  
Ion Ratio Lower Upper  
225 100  
223 65.1 32.1 96.5  
227 65.4 31.8 95.4





#95

Naphthalene

Concen: 52.353 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

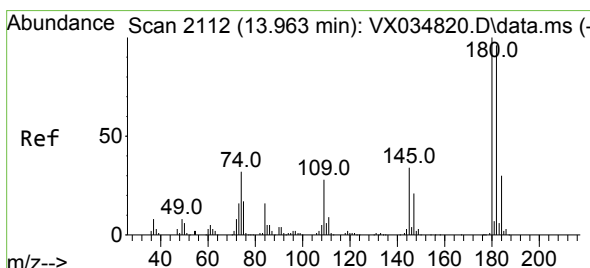
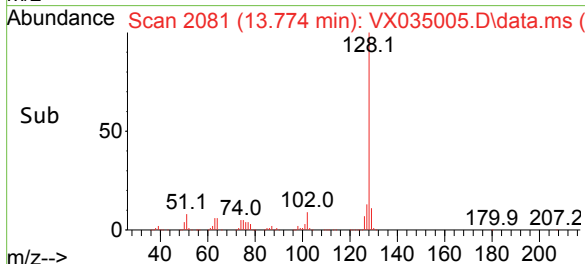
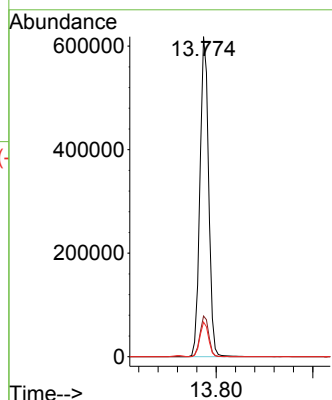
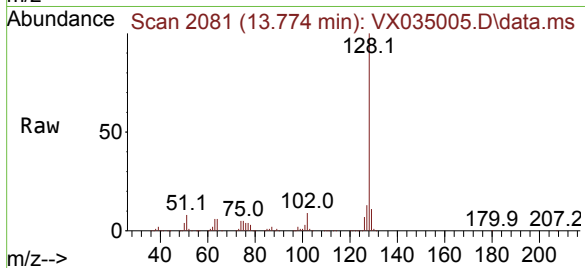
Tgt Ion:128 Resp: 767993

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.359 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035005.D

Acq: 11 Apr 2023 13:29

Tgt Ion:180 Resp: 222148

Ion Ratio Lower Upper

180 100

182 95.2 48.0 144.2

145 35.4 17.7 53.1

