

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021524\  
 Data File : VX040245.D  
 Acq On : 15 Feb 2024 12:34  
 Operator : JC/MD  
 Sample : VX0215WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

Quant Time: Feb 16 00:47:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 12 00:21:14 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 71413    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 116735   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 110104   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 58234    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 48644    | 45.786   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 91.580%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 38536    | 47.271   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 94.540%  |
| 50) Toluene-d8               | 8.647  | 98    | 141161   | 46.290   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 92.580%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 56391    | 45.342   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 90.680%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 15913    | 19.727   | ug/l   | 100      |
| 3) Chloromethane             | 1.295  | 50    | 15285    | 18.375   | ug/l   | 94       |
| 4) Vinyl Chloride            | 1.374  | 62    | 15951    | 18.145   | ug/l   | 97       |
| 5) Bromomethane              | 1.605  | 94    | 12038    | 24.267   | ug/l   | 96       |
| 6) Chloroethane              | 1.691  | 64    | 9852     | 17.770   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 26130    | 18.509   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.130  | 74    | 9836     | 18.548   | ug/l   | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 14605    | 19.287   | ug/l   | 93       |
| 10) Methyl Iodide            | 2.453  | 142   | 17385    | 20.679   | ug/l   | 90       |
| 11) Tert butyl alcohol       | 2.947  | 59    | 21632    | 104.532  | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 13907    | 19.074   | ug/l   | 86       |
| 13) Acrolein                 | 2.233  | 56    | 17573    | 92.001   | ug/l   | 98       |
| 14) Allyl chloride           | 2.660  | 41    | 23191    | 18.329   | ug/l   | 96       |
| 15) Acrylonitrile            | 3.063  | 53    | 47968    | 103.596  | ug/l   | 99       |
| 16) Acetone                  | 2.374  | 43    | 45141    | 103.453  | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.514  | 76    | 32341    | 16.802   | ug/l   | 96       |
| 18) Methyl Acetate           | 2.697  | 43    | 20901    | 17.868   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 49842    | 19.404   | ug/l   | 100      |
| 20) Methylene Chloride       | 2.788  | 84    | 16391    | 19.051   | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 14643    | 17.634   | ug/l   | 89       |
| 22) Diisopropyl ether        | 3.757  | 45    | 49753    | 19.389   | ug/l   | 93       |
| 23) Vinyl Acetate            | 3.721  | 43    | 227548   | 99.473   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 28157    | 18.837   | ug/l   | 98       |
| 25) 2-Butanone               | 4.550  | 43    | 67361    | 98.761   | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 20970    | 18.225   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 18346    | 19.367   | ug/l   | 90       |
| 28) Bromochloromethane       | 4.898  | 49    | 13106    | 20.652   | ug/l   | 92       |
| 29) Tetrahydrofuran          | 4.995  | 42    | 43105    | 97.005   | ug/l   | 94       |
| 30) Chloroform               | 5.093  | 83    | 30897    | 19.118   | ug/l   | 99       |
| 31) Cyclohexane              | 5.458  | 56    | 22619    | 17.849   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 25736    | 18.930   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 20826    | 18.237   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.709  | 43    | 25278    | 19.893   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 19986    | 18.407   | ug/l   | 94       |
| 39) Methylcyclohexane        | 7.379  | 83    | 24688    | 18.603   | ug/l   | 90       |
| 40) Benzene                  | 6.038  | 78    | 61577    | 19.282   | ug/l   | 98       |

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 Acq On : 15 Feb 2024 12:34  
 Operator : JC/MD  
 Sample : VX0215WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

Quant Time: Feb 16 00:47:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 12 00:21:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 13275    | 19.707  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 24729    | 19.811  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 38633    | 19.476  | ug/l   | 97       |
| 44) Trichloroethene           | 7.123  | 130  | 16867    | 19.148  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 16243    | 19.541  | ug/l   | 93       |
| 46) Dibromomethane            | 7.580  | 93   | 12677    | 20.708  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.818  | 83   | 23385    | 19.825  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 19926    | 19.632  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 9467     | 428.755 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 8.568  | 43   | 141103   | 104.190 | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 39881    | 19.066  | ug/l   | 93       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 24276    | 18.415  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 26700    | 20.197  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 17948    | 20.117  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 26543    | 19.873  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 29447    | 20.222  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 55077    | 87.171  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.427  | 43   | 109680   | 102.148 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.519  | 129  | 17736    | 19.512  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 18843    | 19.870  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 15133    | 19.613  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.080 | 112  | 44704    | 19.454  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 15843    | 19.907  | ug/l   | 95       |
| 67) Ethyl Benzene             | 10.195 | 91   | 81115    | 19.820  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 60513    | 39.150  | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 30072    | 20.021  | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 50309    | 20.146  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 13403    | 19.178  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.964 | 105  | 81243    | 19.808  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 35087    | 19.957  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 30832    | 20.923  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 31383    | 26.612  | ug/l   | 93       |
| 77) Bromobenzene              | 11.195 | 156  | 19696    | 20.331  | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 96185    | 19.370  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 57411    | 19.146  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 68816    | 19.929  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 7299     | 19.697  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 68452    | 19.267  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 66579    | 19.667  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 68387    | 19.576  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 86830    | 19.957  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 70262    | 19.701  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 38848    | 20.239  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 39106    | 19.240  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 66964    | 19.451  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 10432    | 18.544  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 37940    | 20.418  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 6862     | 20.176  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 24955    | 19.617  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 9498     | 18.707  | ug/l   | 94       |
| 95) Naphthalene               | 13.774 | 128  | 80504    | 20.037  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 23844    | 19.664  | ug/l   | 96       |

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Data File : VX040245.D  
Acq On : 15 Feb 2024 12:34  
Operator : JC/MD  
Sample : VX0215WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

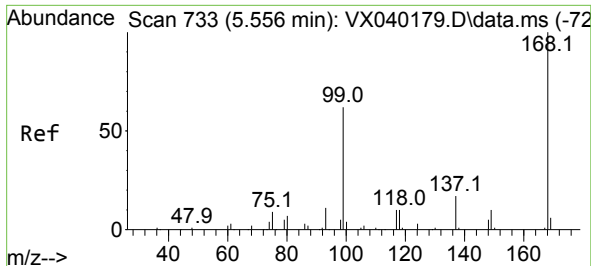
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

Quant Time: Feb 16 00:47:54 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 12 00:21:14 2024  
Response via : Initial Calibration

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

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

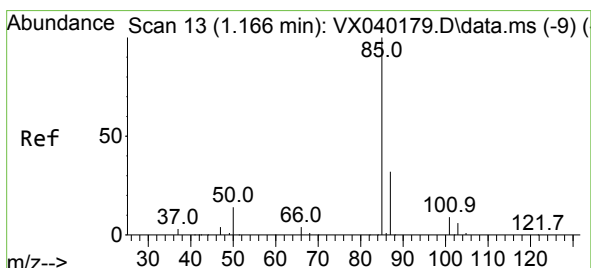
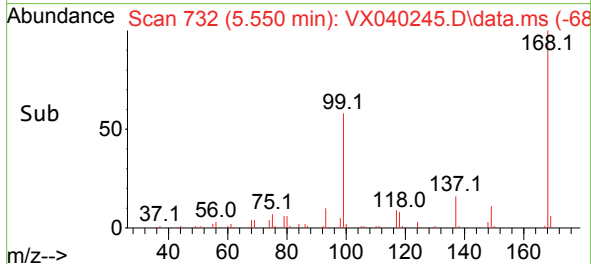
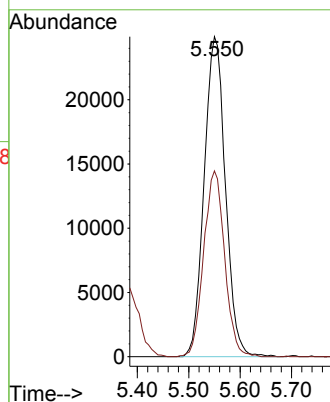
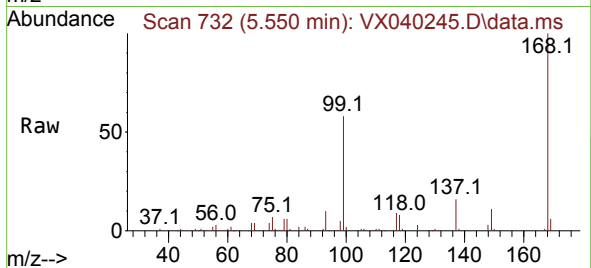




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

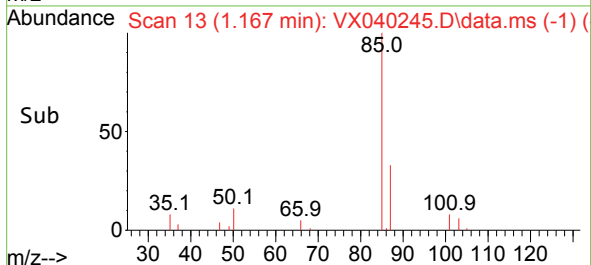
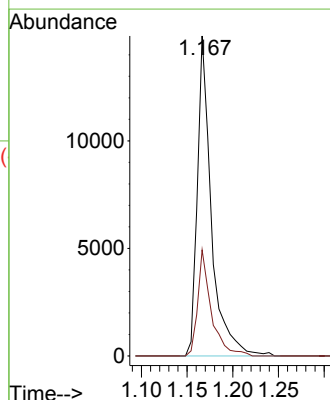
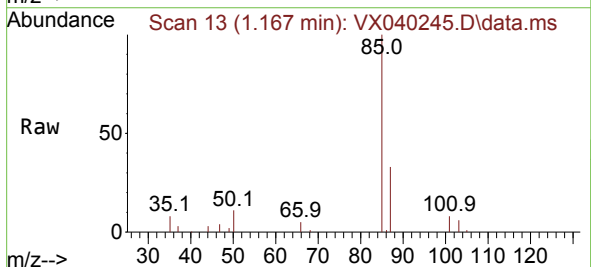
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

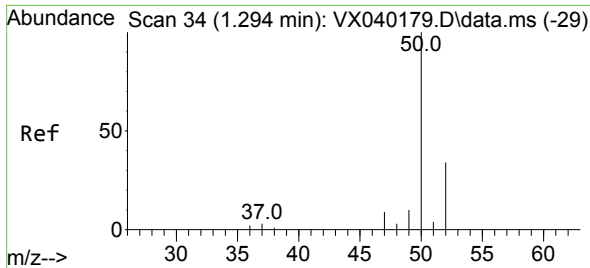
Tgt Ion:168 Resp: 71413  
Ion Ratio Lower Upper  
168 100  
99 58.0 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 19.727 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 85 Resp: 15913  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.7 50.1

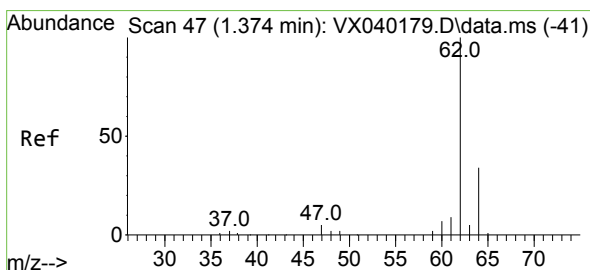
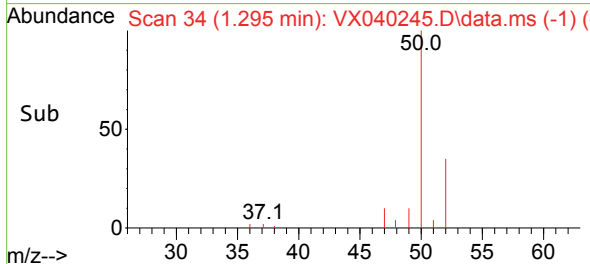
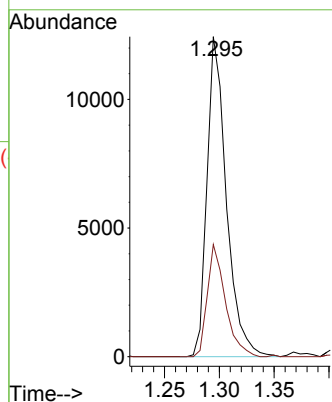
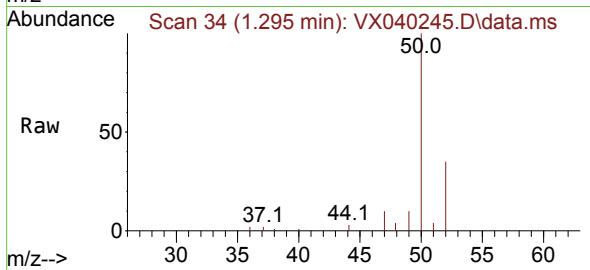




#3  
Chloromethane  
Concen: 18.375 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

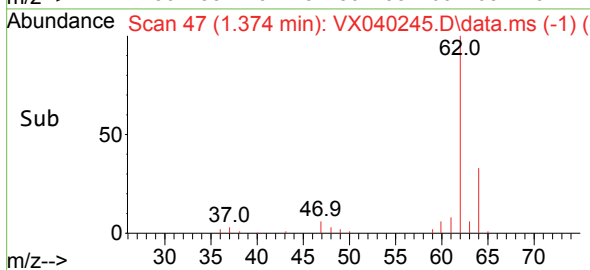
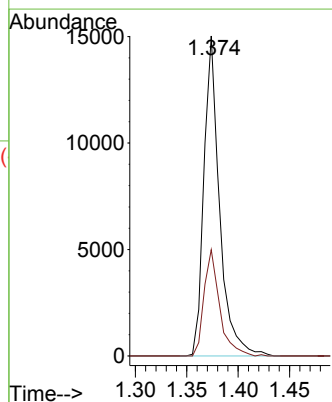
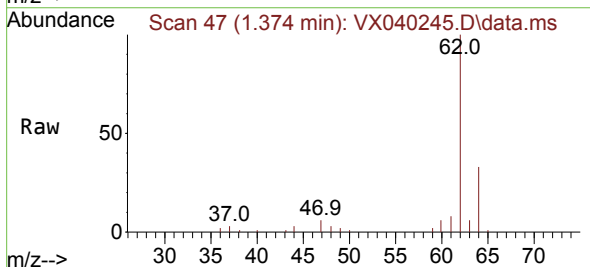
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

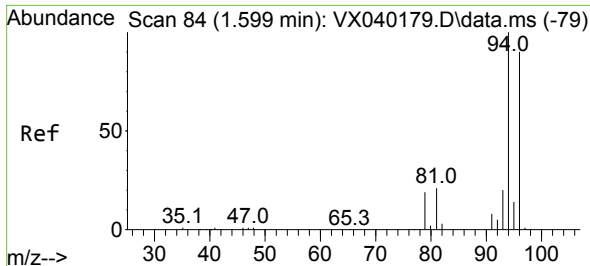
Tgt Ion: 50 Resp: 15285  
Ion Ratio Lower Upper  
50 100  
52 35.1 25.5 38.3



#4  
Vinyl Chloride  
Concen: 18.145 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 62 Resp: 15951  
Ion Ratio Lower Upper  
62 100  
64 33.2 25.4 38.0

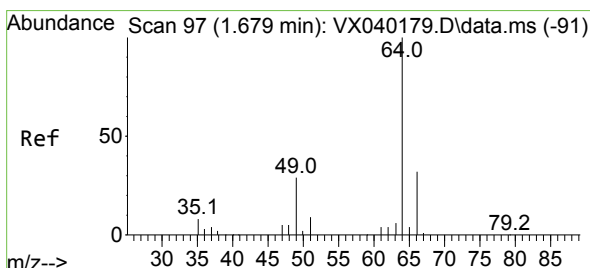
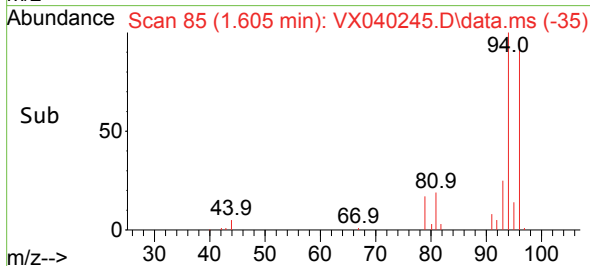
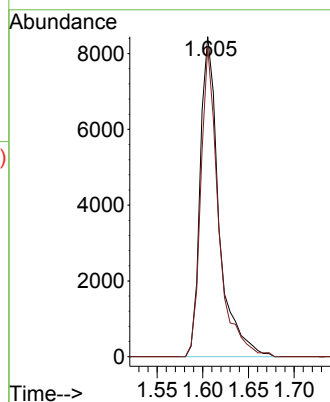
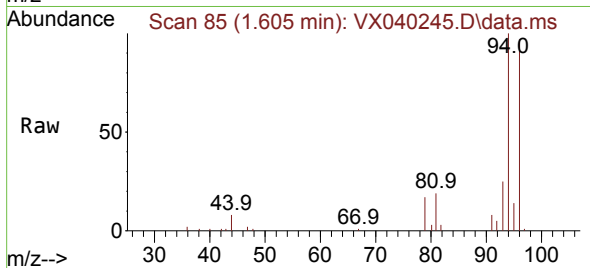




#5  
Bromomethane  
Concen: 24.267 ug/l  
RT: 1.605 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

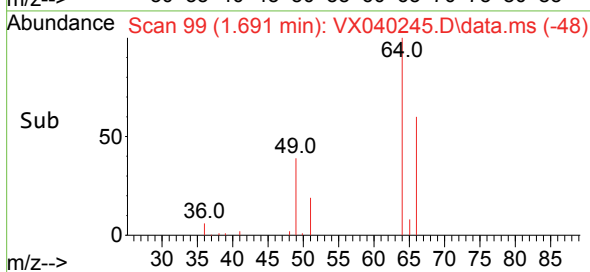
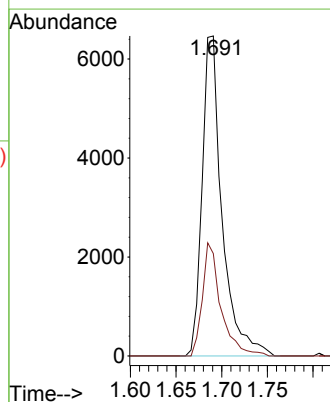
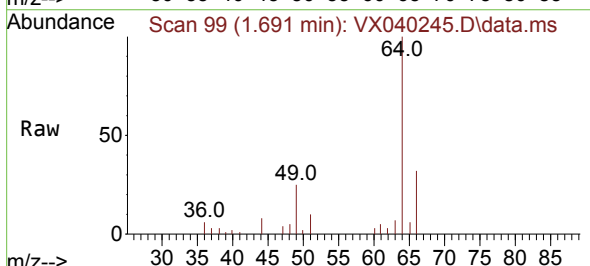
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

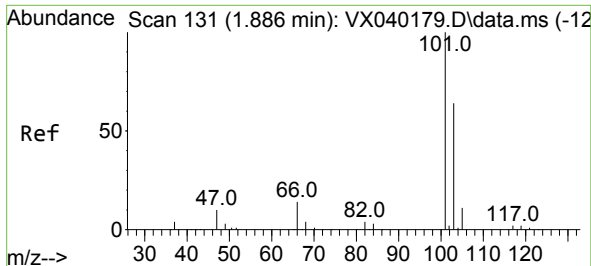
Tgt Ion: 94 Resp: 12038  
Ion Ratio Lower Upper  
94 100  
96 96.8 74.6 111.8



#6  
Chloroethane  
Concen: 17.770 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.012 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 64 Resp: 9852  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.1 37.7

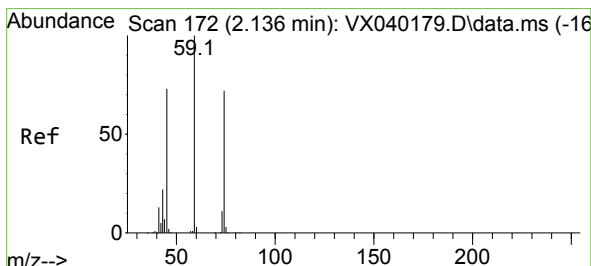
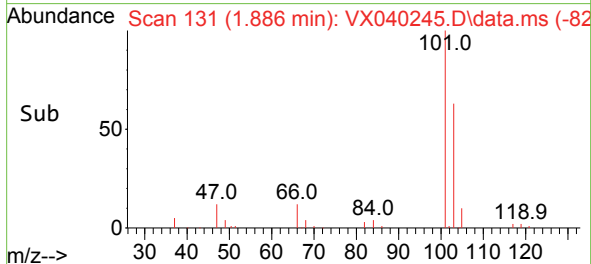
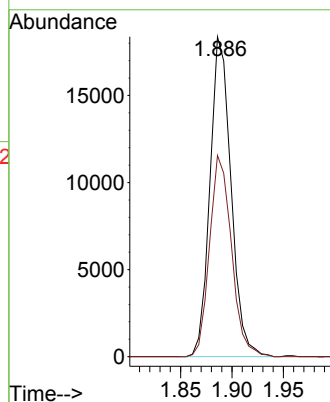
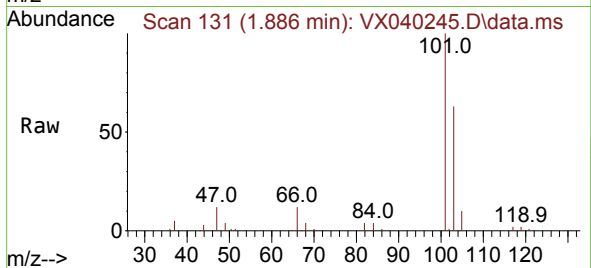




#7  
Trichlorofluoromethane  
Concen: 18.509 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

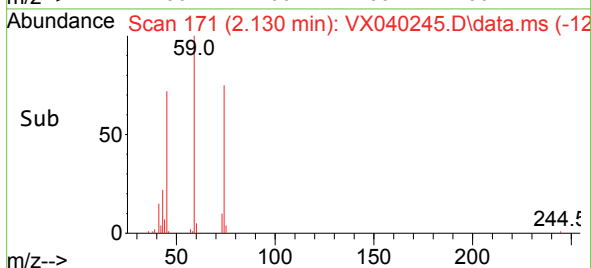
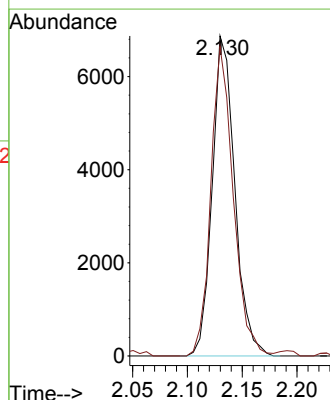
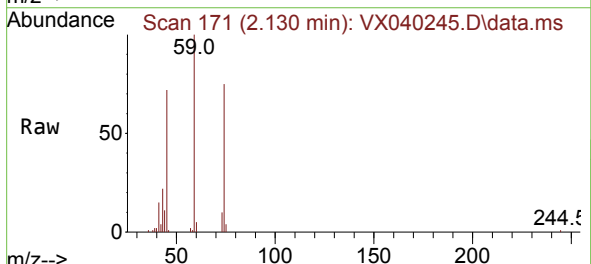
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

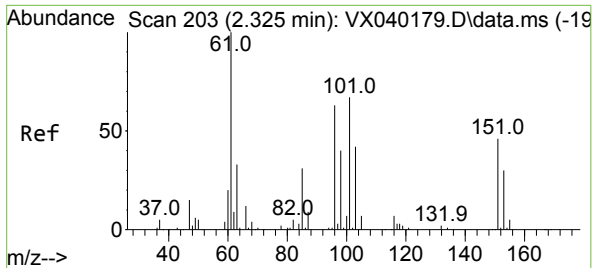
Tgt Ion:101 Resp: 26130  
Ion Ratio Lower Upper  
101 100  
103 62.9 51.4 77.2



#8  
Diethyl Ether  
Concen: 18.548 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 74 Resp: 9836  
Ion Ratio Lower Upper  
74 100  
45 96.3 53.3 159.8

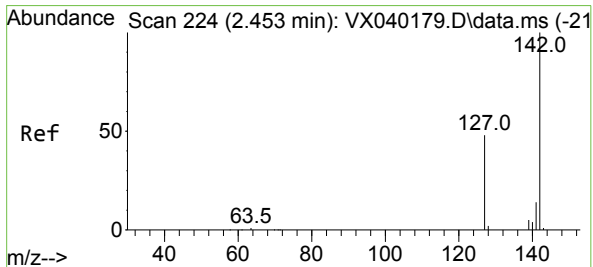
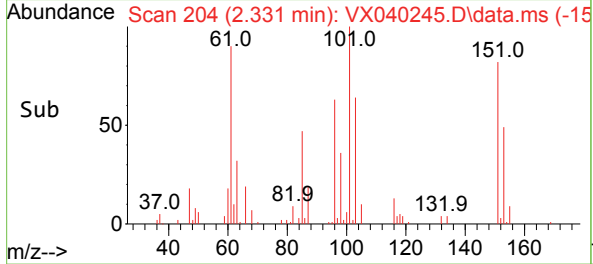
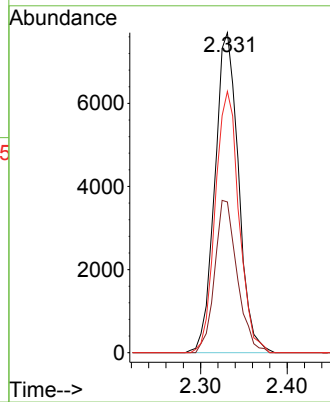
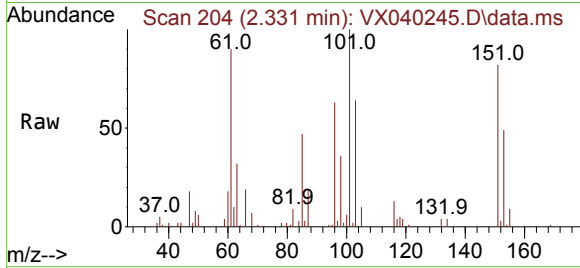




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.287 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

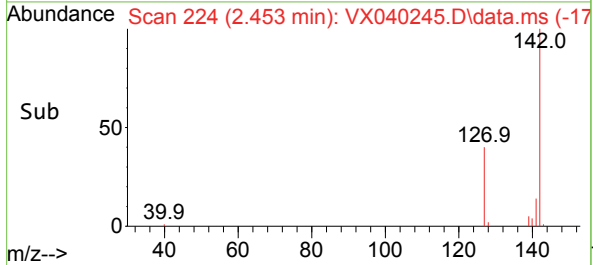
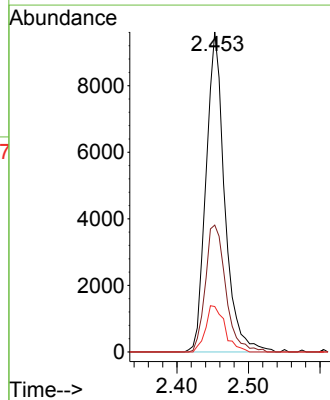
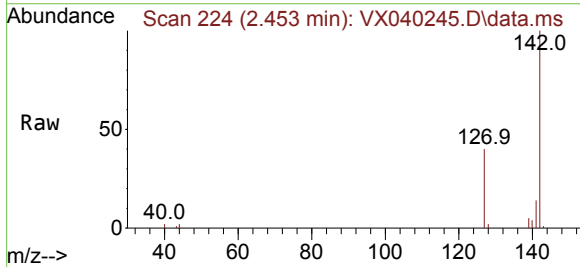
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

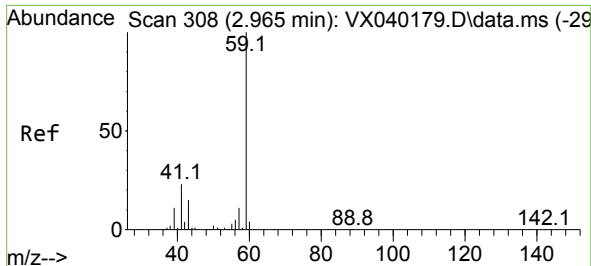
Tgt Ion:101 Resp: 14605  
Ion Ratio Lower Upper  
101 100  
85 45.3 37.0 55.6  
151 81.9 58.6 87.8



#10  
Methyl Iodide  
Concen: 20.679 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion:142 Resp: 17385  
Ion Ratio Lower Upper  
142 100  
127 43.6 41.6 62.4  
141 15.1 11.6 17.4

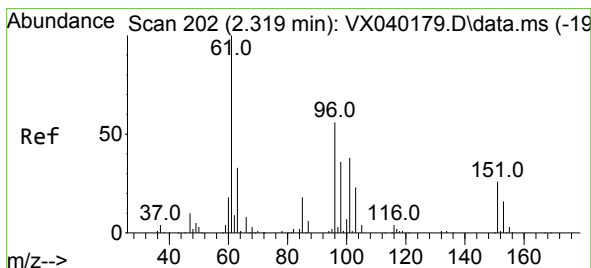
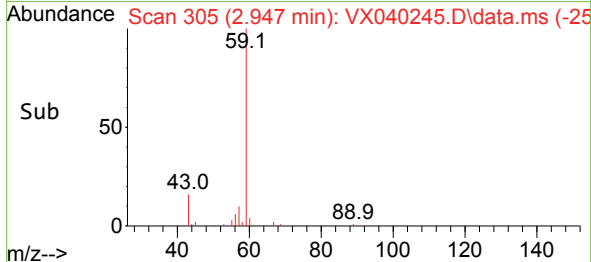
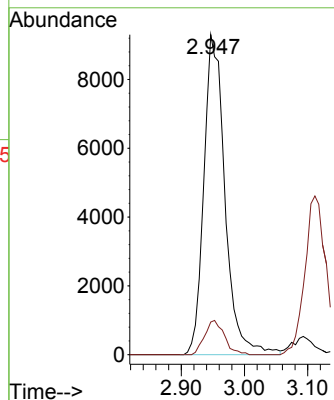
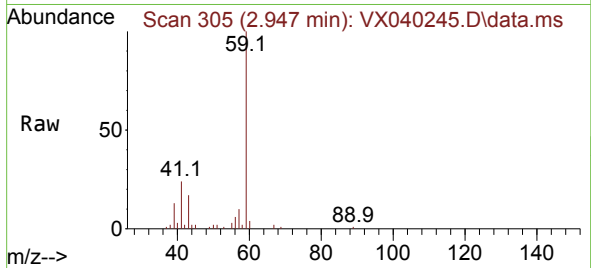




#11  
Tert butyl alcohol  
Concen: 104.532 ug/l  
RT: 2.947 min Scan# 308  
Delta R.T. -0.018 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

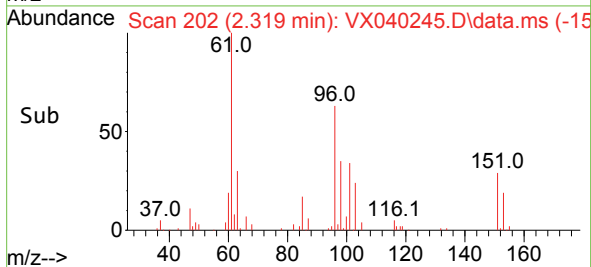
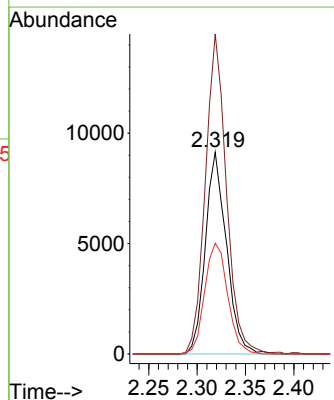
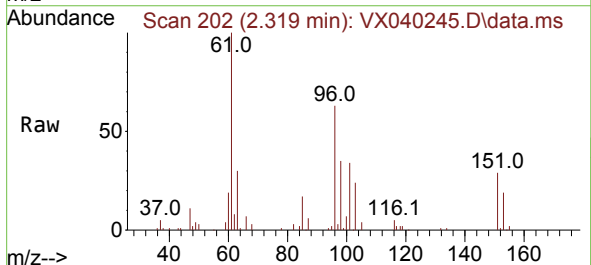
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

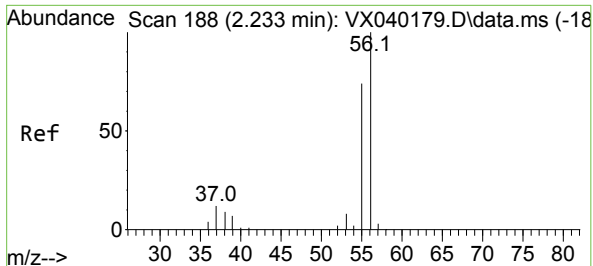
Tgt Ion: 59 Resp: 21632  
Ion Ratio Lower Upper  
59 100  
57 10.0 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 19.074 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 96 Resp: 13907  
Ion Ratio Lower Upper  
96 100  
61 158.7 144.6 216.8  
98 54.9 50.4 75.6





#13

Acrolein

Concen: 92.001 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

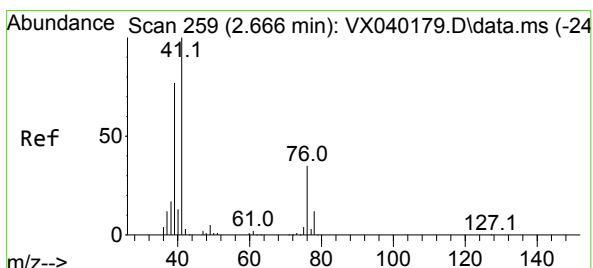
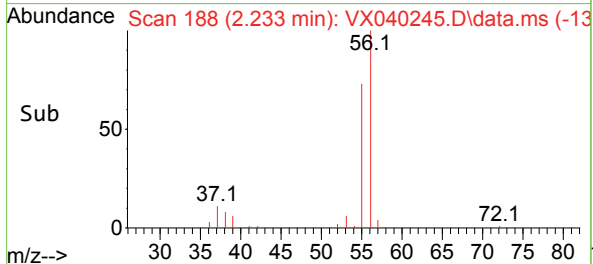
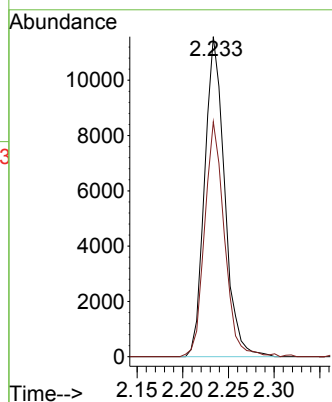
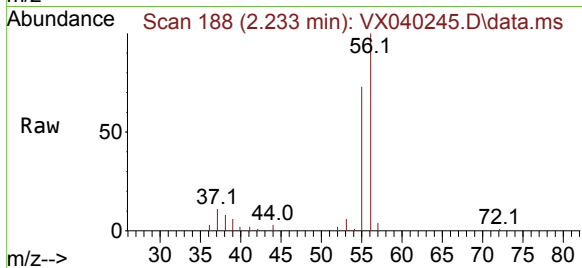
VX0215WBSD01

Tgt Ion: 56 Resp: 17573

Ion Ratio Lower Upper

56 100

55 72.7 57.1 85.7



#14

Allyl chloride

Concen: 18.329 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

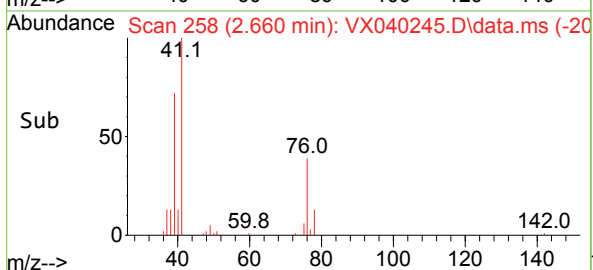
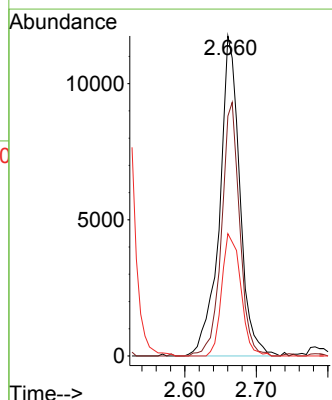
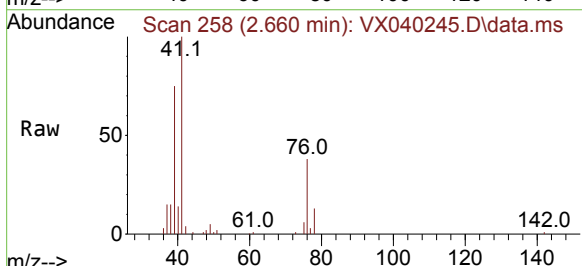
Tgt Ion: 41 Resp: 23191

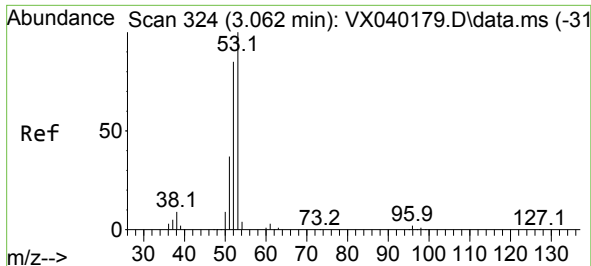
Ion Ratio Lower Upper

41 100

39 70.6 55.8 83.6

76 35.8 24.3 36.5

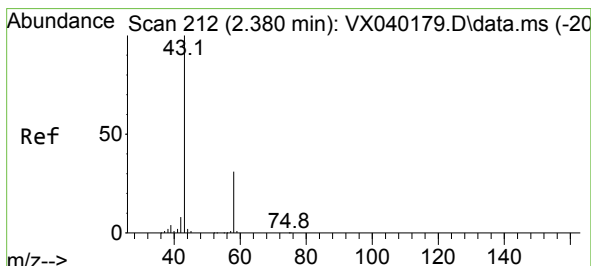
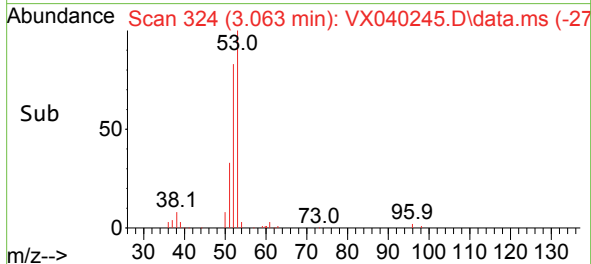
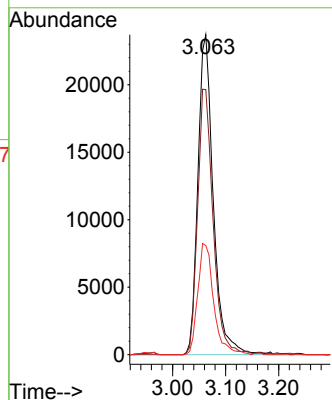
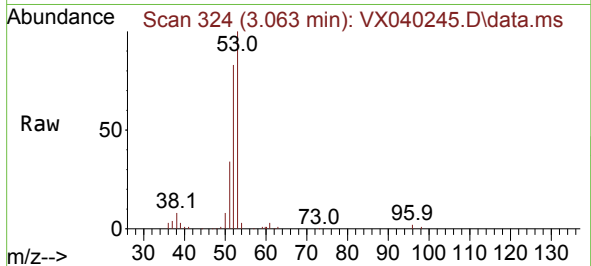




#15  
Acrylonitrile  
Concen: 103.596 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

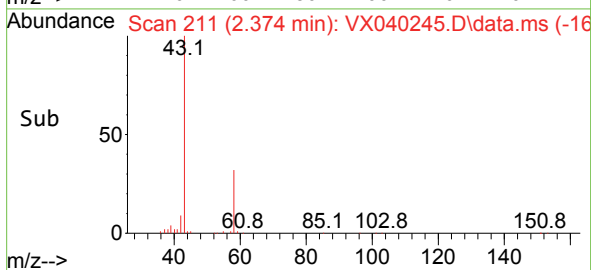
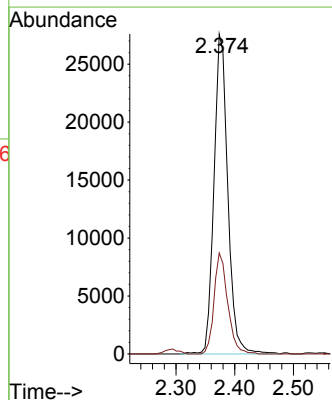
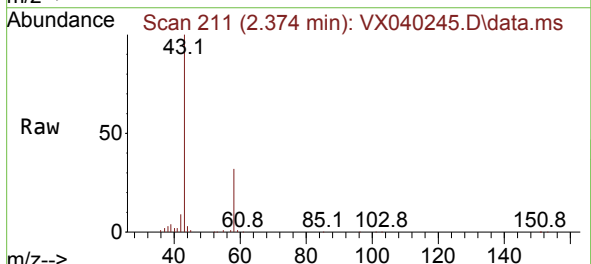
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

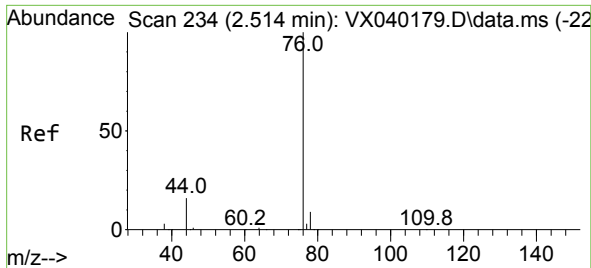
Tgt Ion: 53 Resp: 47968  
Ion Ratio Lower Upper  
53 100  
52 83.3 66.0 99.0  
51 36.0 29.8 44.6



#16  
Acetone  
Concen: 103.453 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 43 Resp: 45141  
Ion Ratio Lower Upper  
43 100  
58 31.6 21.9 32.9

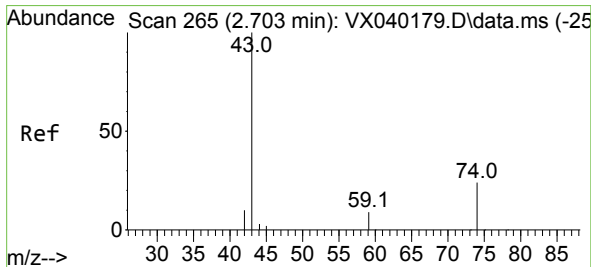
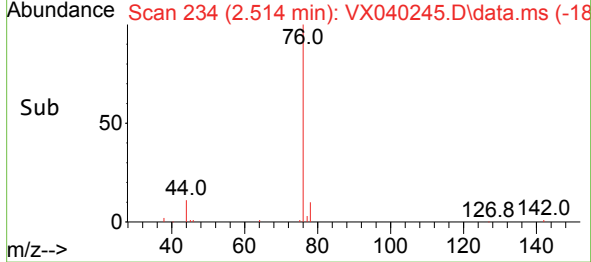
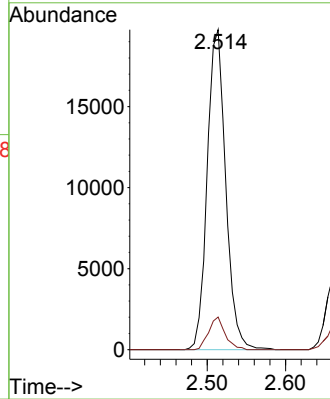
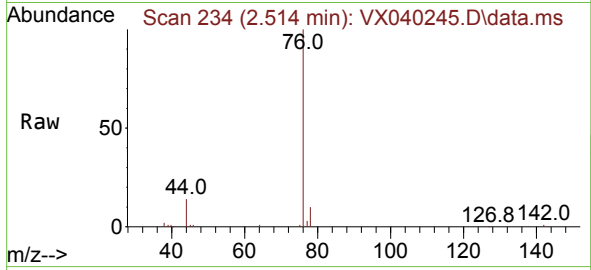




#17  
Carbon Disulfide  
Concen: 16.802 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

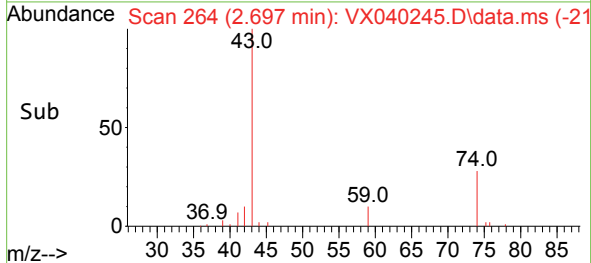
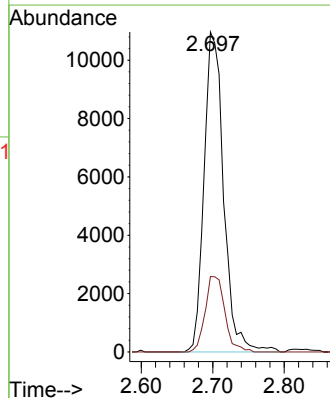
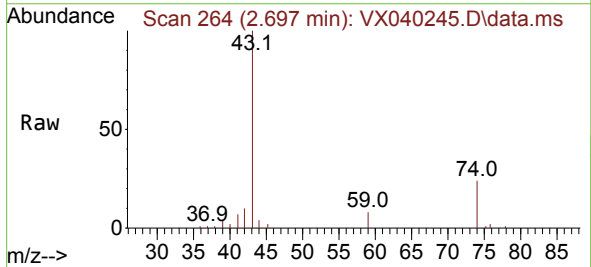
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

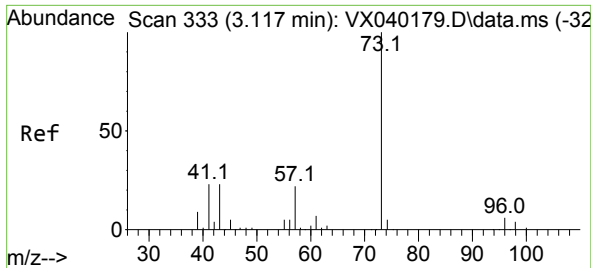
Tgt Ion: 76 Resp: 32341  
Ion Ratio Lower Upper  
76 100  
78 10.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 17.868 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 43 Resp: 20901  
Ion Ratio Lower Upper  
43 100  
74 23.7 17.8 26.8

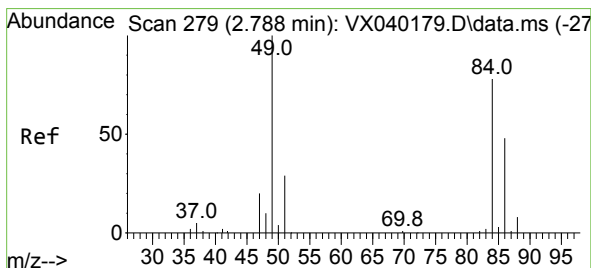
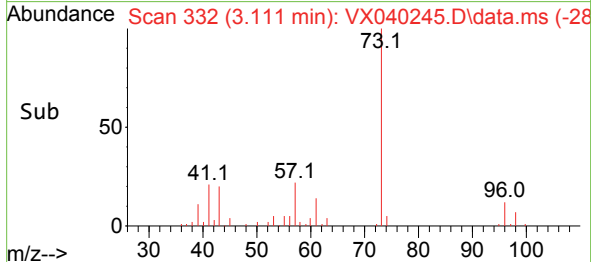
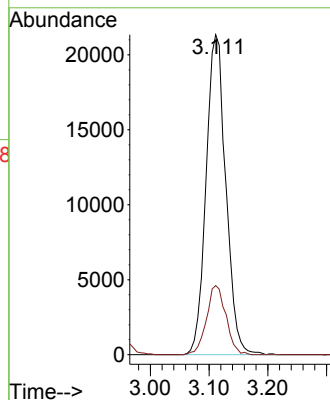
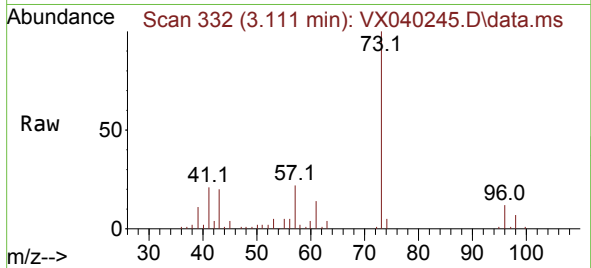




#19  
Methyl tert-butyl Ether  
Concen: 19.404 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

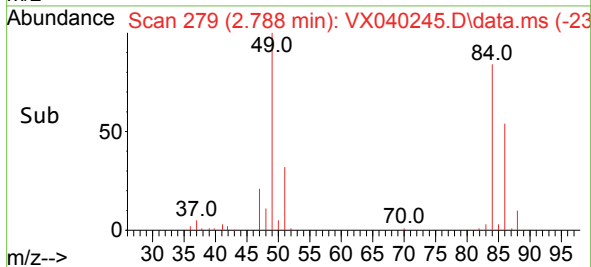
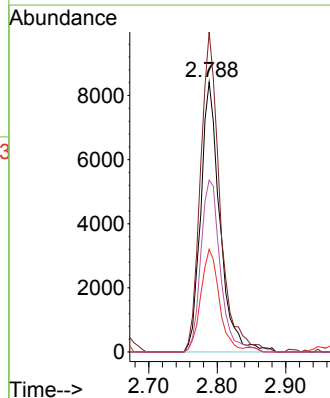
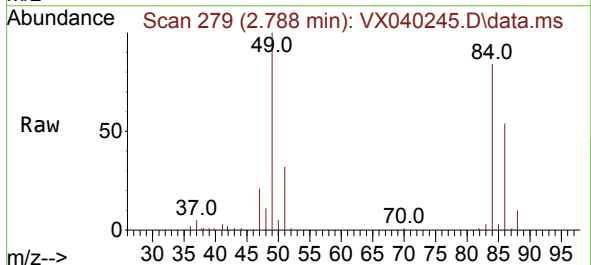
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

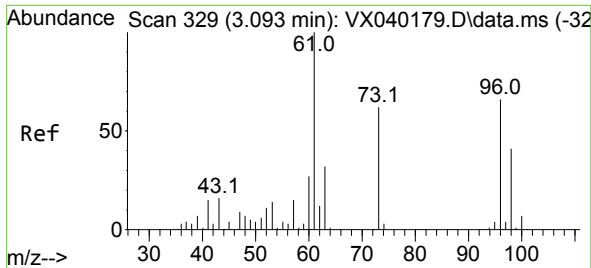
Tgt Ion: 73 Resp: 49842  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.051 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 84 Resp: 16391  
Ion Ratio Lower Upper  
84 100  
49 118.6 103.6 155.4  
51 38.1 33.8 50.6  
86 63.8 49.4 74.0

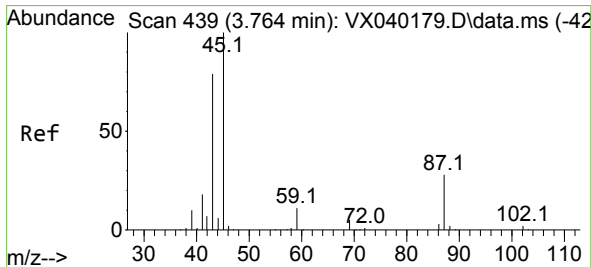
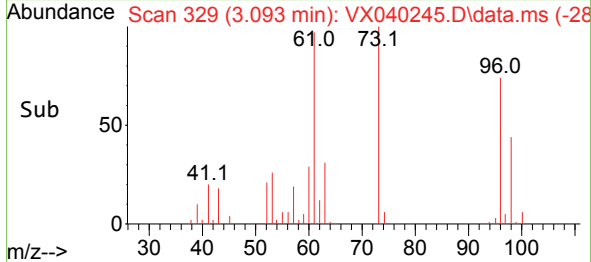
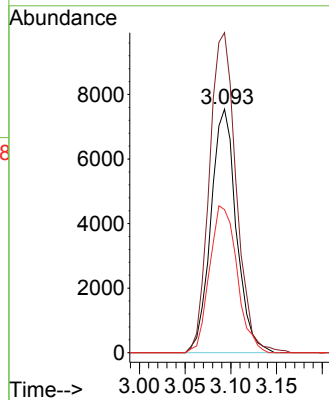
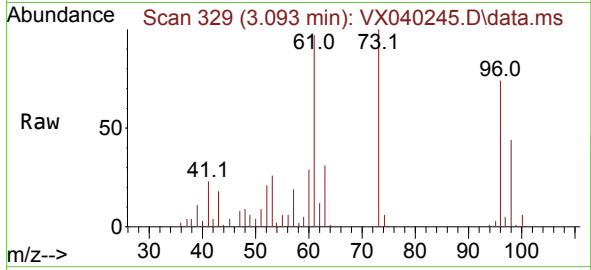




#21  
trans-1,2-Dichloroethene  
Concen: 17.634 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

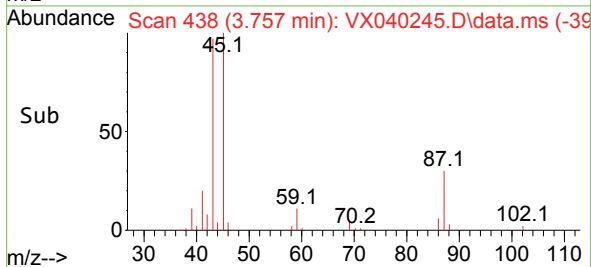
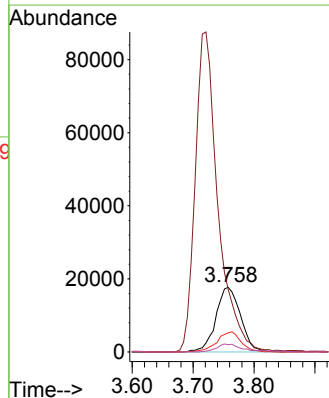
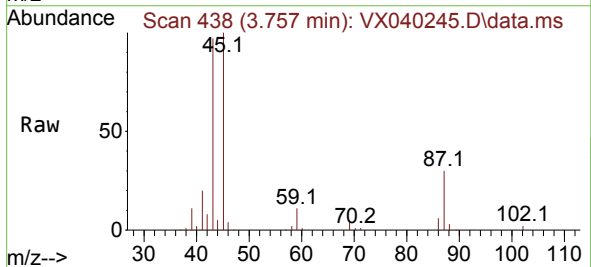
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

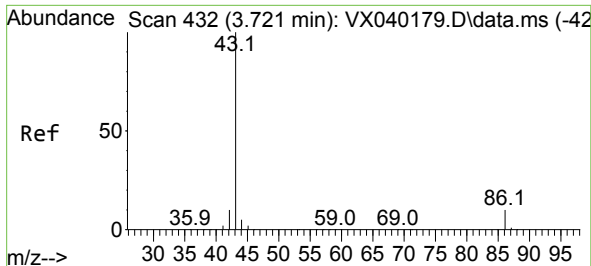
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 14643 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 131.4    | 119.2 178.8 |
| 98 58.8     | 48.7 73.1   |



#22  
Diisopropyl ether  
Concen: 19.389 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

|             |             |
|-------------|-------------|
| Tgt Ion: 45 | Resp: 49753 |
| Ion Ratio   | Lower Upper |
| 45 100      |             |
| 43 94.4     | 69.7 104.5  |
| 87 29.6     | 20.8 31.2   |
| 59 11.1     | 9.0 13.4    |

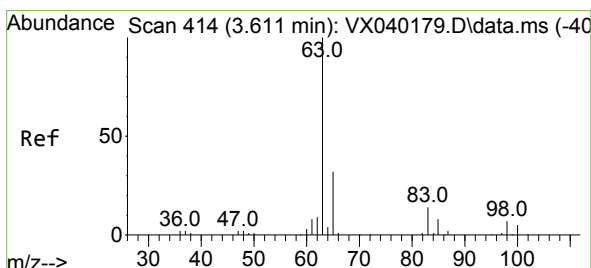
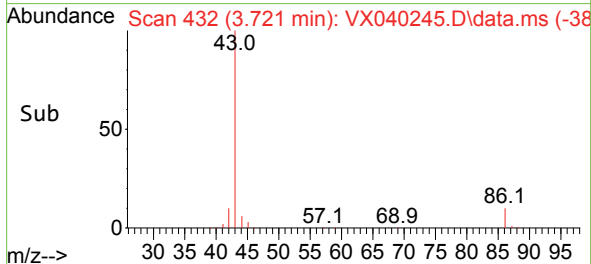
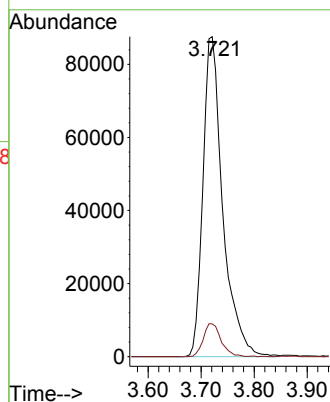
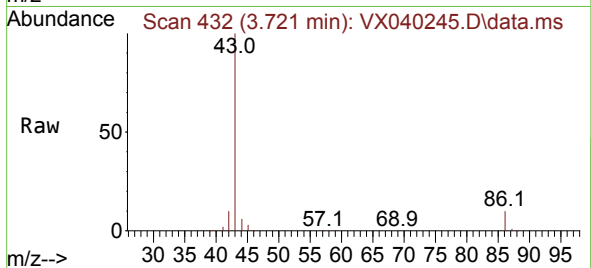




#23  
 Vinyl Acetate  
 Concen: 99.473 ug/l  
 RT: 3.721 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: VX040245.D  
 Acq: 15 Feb 2024 12:34

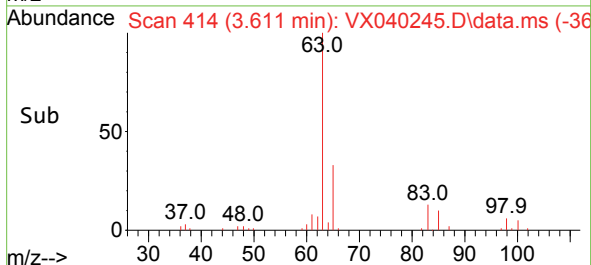
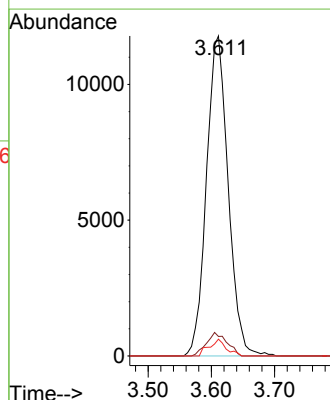
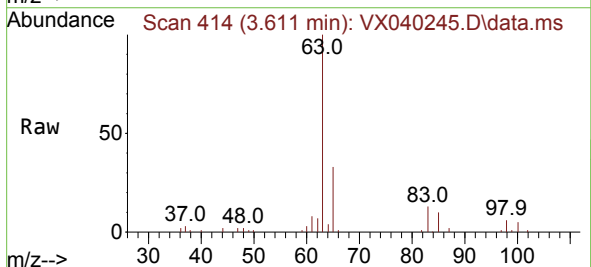
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

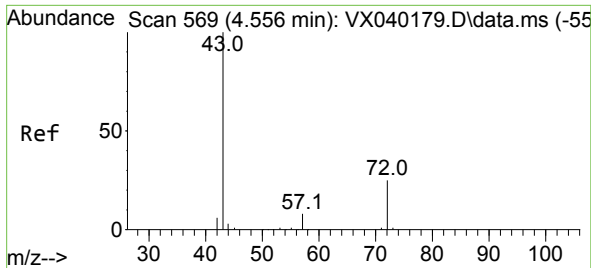
Tgt Ion: 43 Resp: 227548  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 18.837 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX040245.D  
 Acq: 15 Feb 2024 12:34

Tgt Ion: 63 Resp: 28157  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.3 9.8  
 100 5.2 2.1 6.5

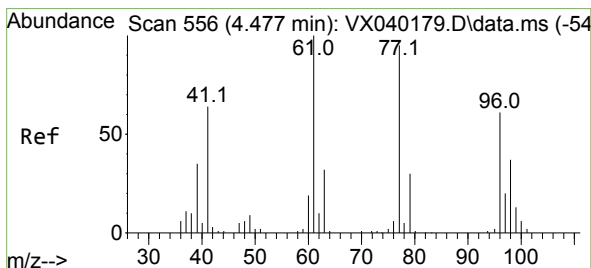
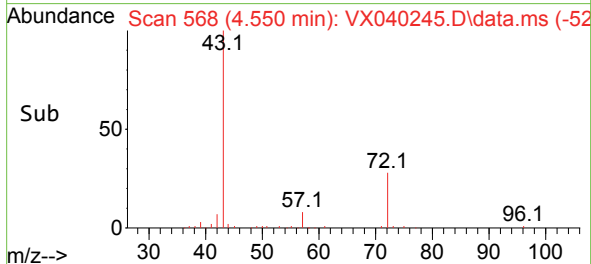
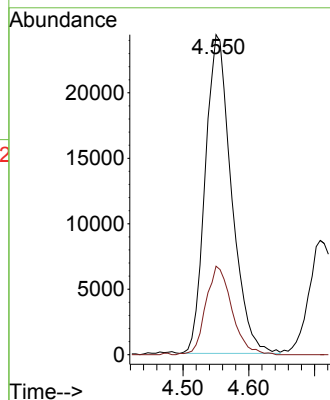
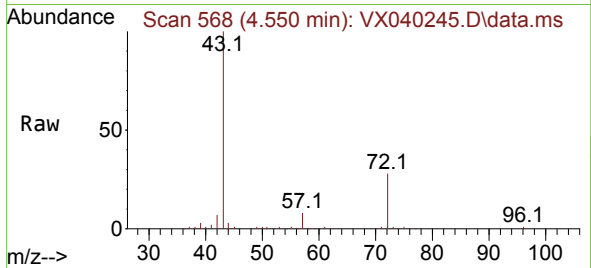




#25  
2-Butanone  
Concen: 98.761 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

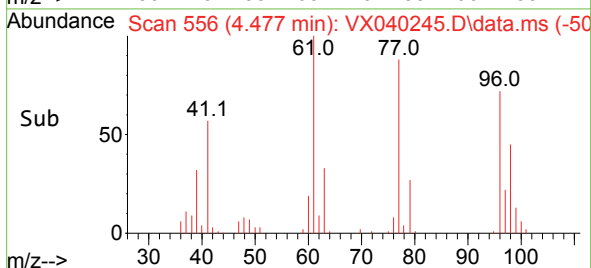
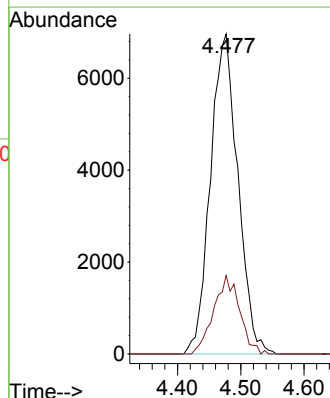
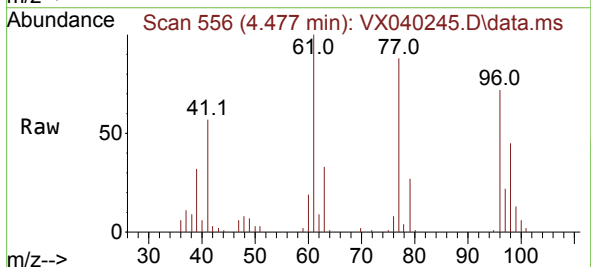
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

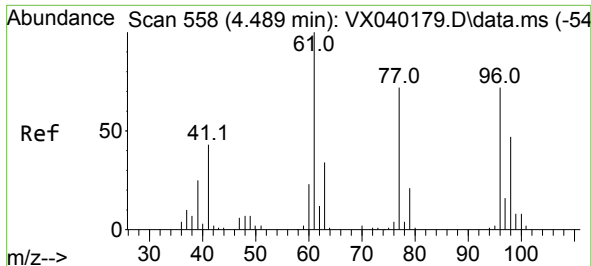
Tgt Ion: 43 Resp: 67361  
Ion Ratio Lower Upper  
43 100  
72 27.8 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 18.225 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 77 Resp: 20970  
Ion Ratio Lower Upper  
77 100  
97 23.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.367 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

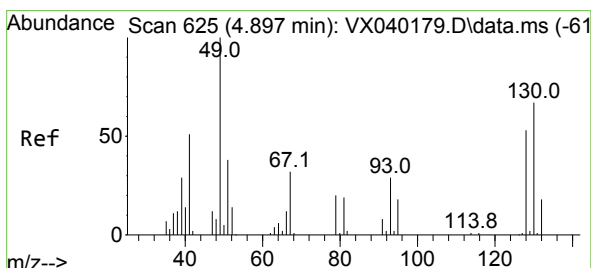
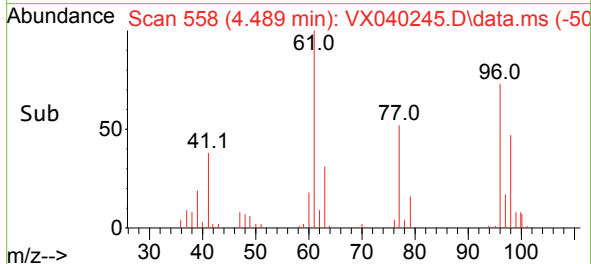
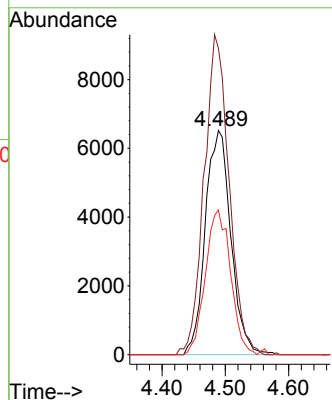
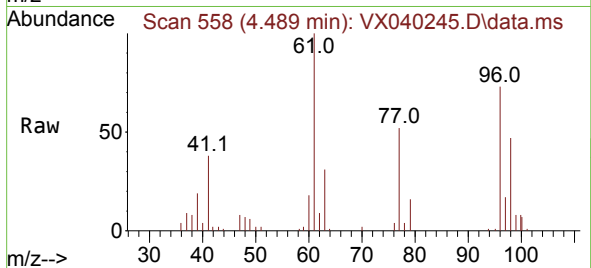
Tgt Ion: 96 Resp: 18346

Ion Ratio Lower Upper

96 100

61 139.2 0.0 312.2

98 63.3 0.0 129.0



#28

Bromochloromethane

Concen: 20.652 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

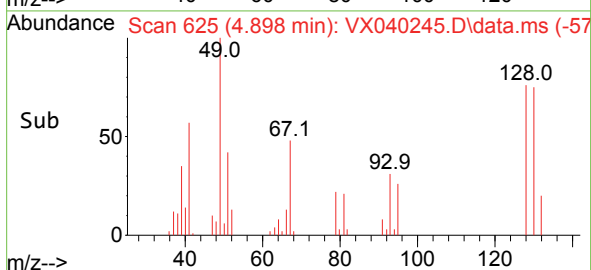
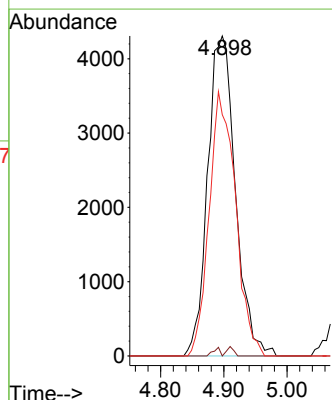
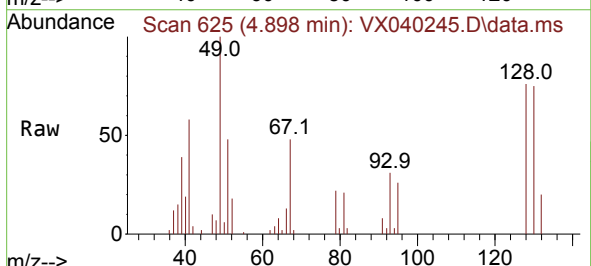
Tgt Ion: 49 Resp: 13106

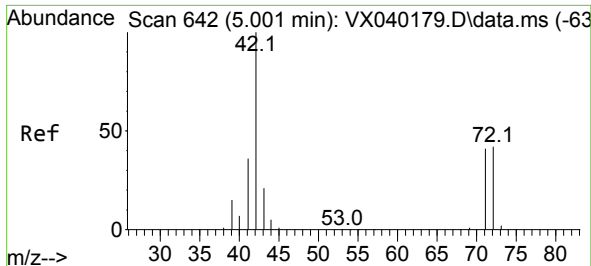
Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.8

130 78.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 97.005 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX040245.D

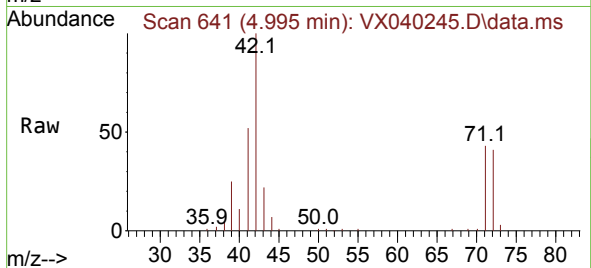
Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01



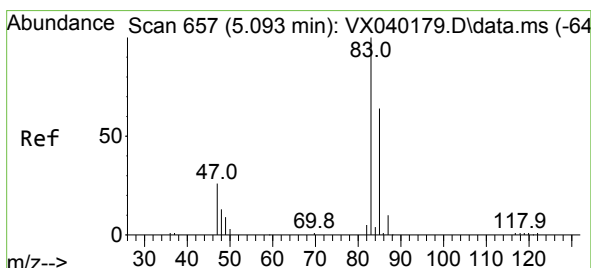
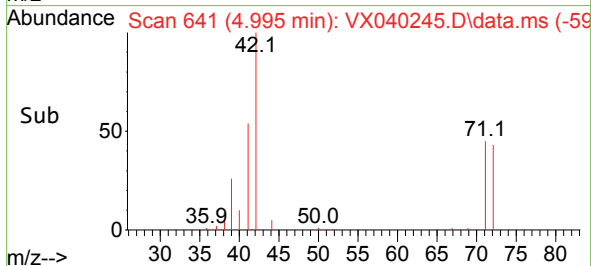
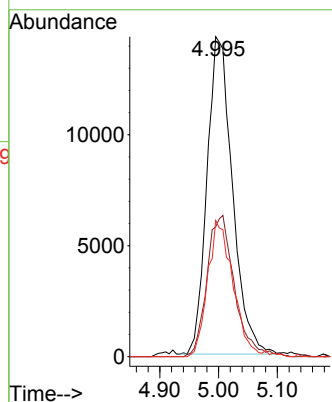
Tgt Ion: 42 Resp: 43105

Ion Ratio Lower Upper

42 100

72 48.1 34.2 51.4

71 42.6 32.2 48.2



#30

Chloroform

Concen: 19.118 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040245.D

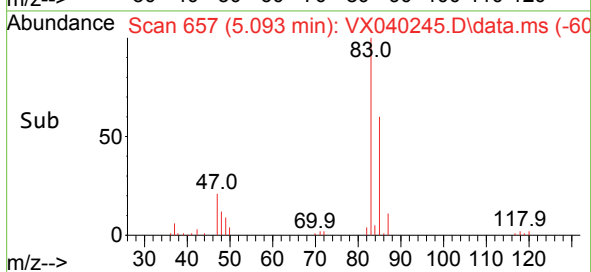
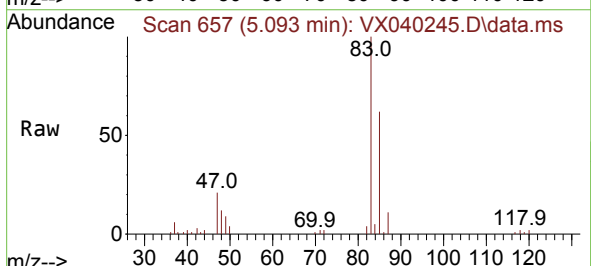
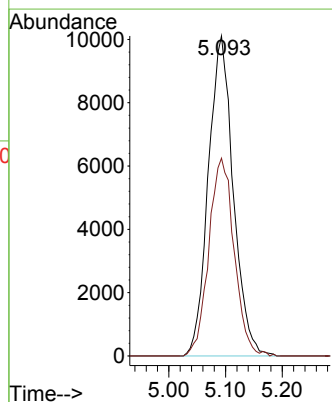
Acq: 15 Feb 2024 12:34

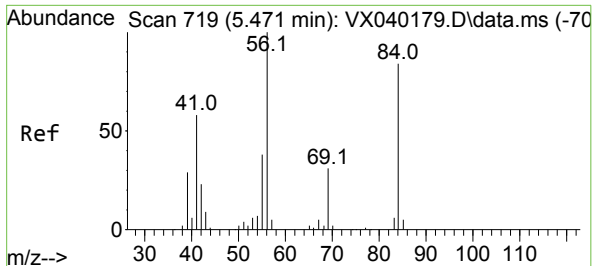
Tgt Ion: 83 Resp: 30897

Ion Ratio Lower Upper

83 100

85 61.8 50.3 75.5

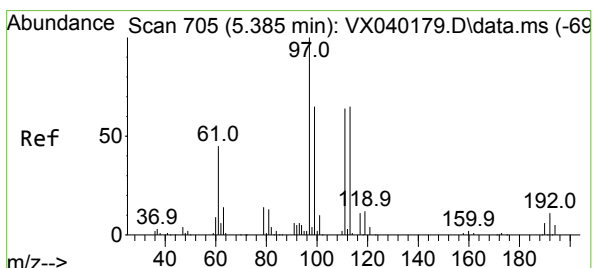
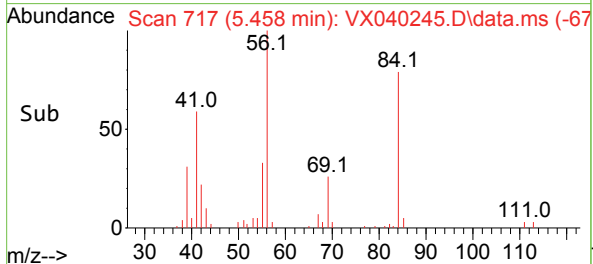
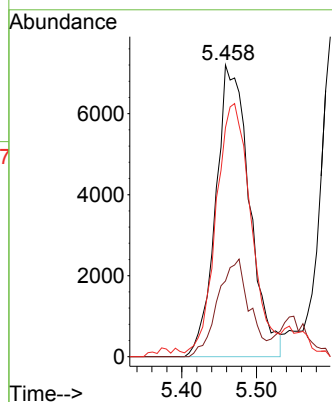
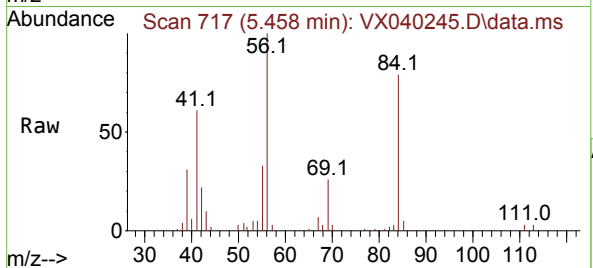




#31  
Cyclohexane  
Concen: 17.849 ug/l  
RT: 5.458 min Scan# 719  
Delta R.T. -0.012 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

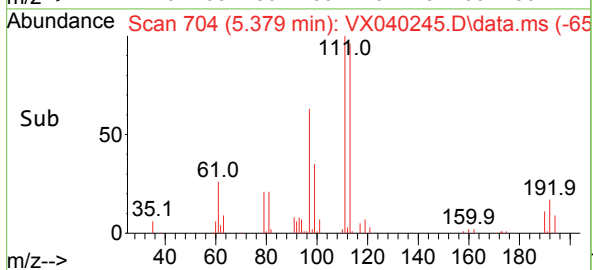
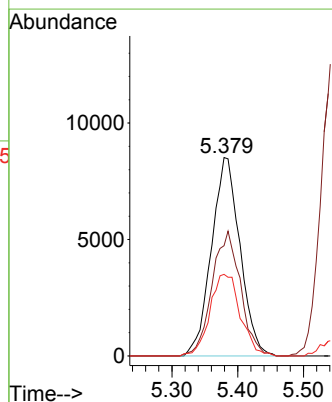
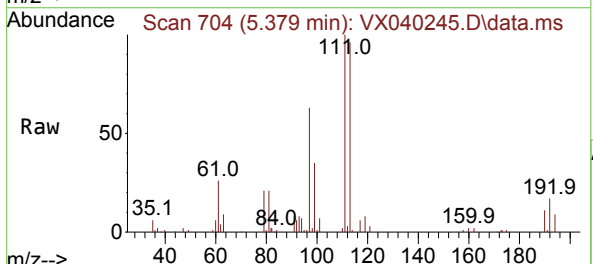
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

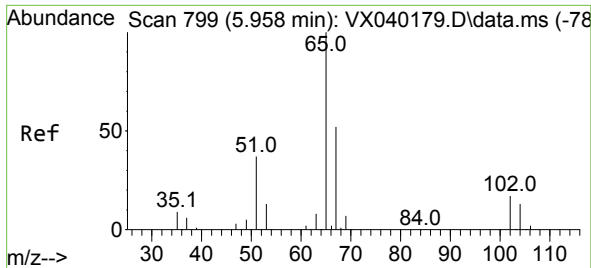
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 22619 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 25.9  | 23.4  | 35.2  |
| 84       | 76.8  | 65.9  | 98.9  |



#32  
1,1,1-Trichloroethane  
Concen: 18.930 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 25736 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 62.7  | 51.1  | 76.7  |
| 61       | 43.8  | 36.4  | 54.6  |





#33

1,2-Dichloroethane-d4

Concen: 45.786 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

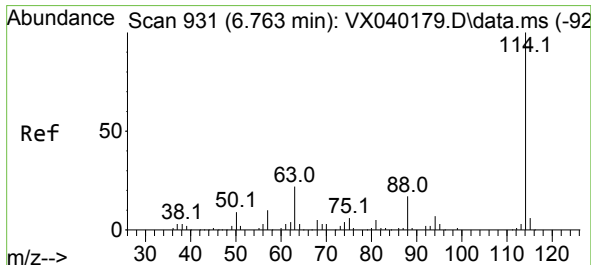
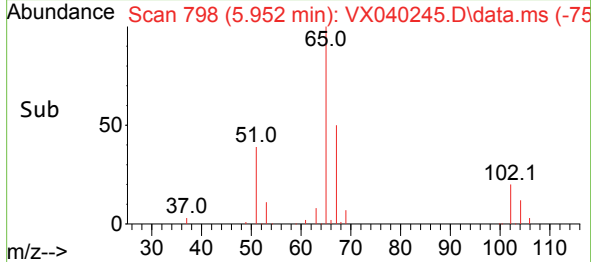
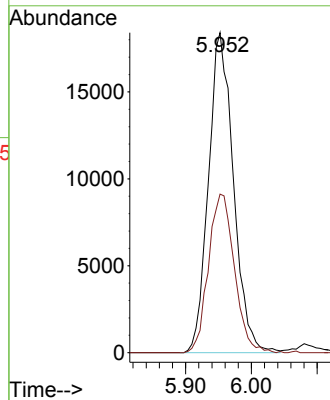
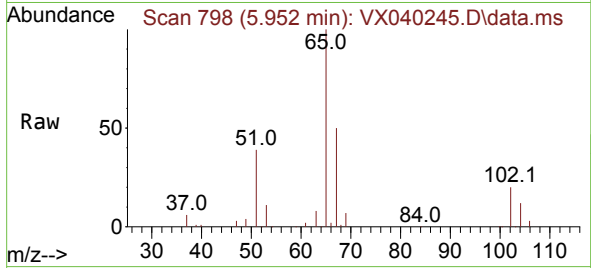
VX0215WBSD01

Tgt Ion: 65 Resp: 48644

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

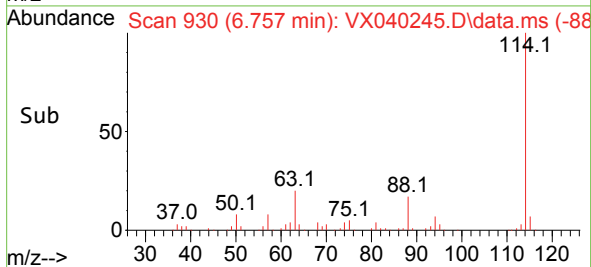
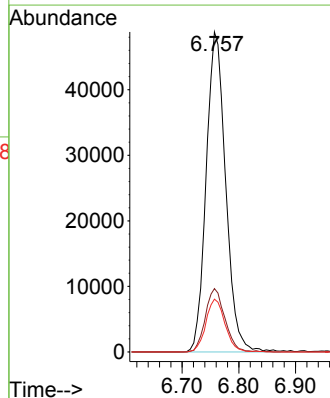
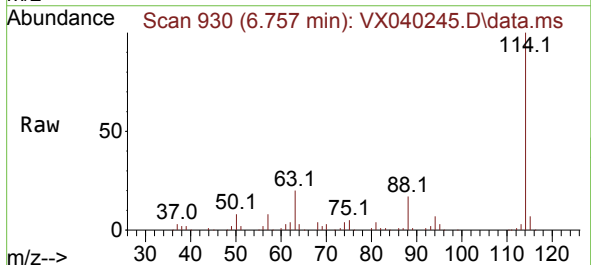
Tgt Ion: 114 Resp: 116735

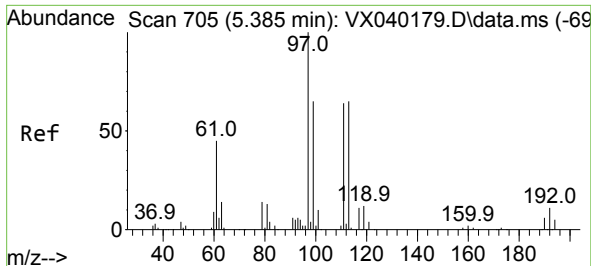
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

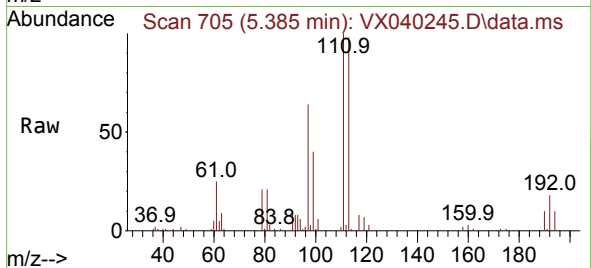
88 16.5 0.0 36.6



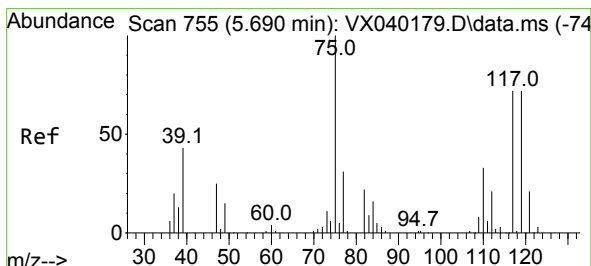
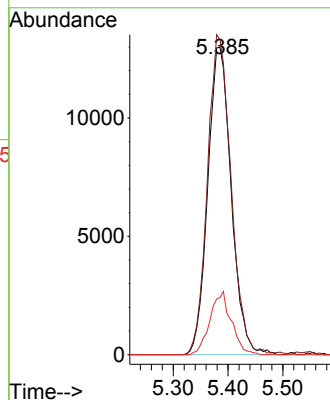
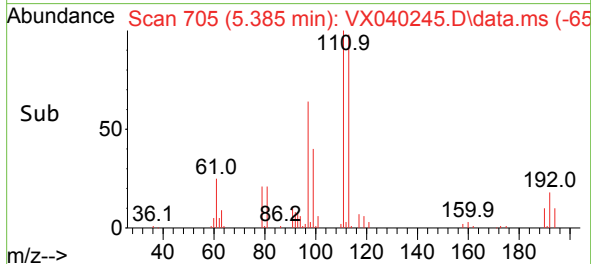


#35  
Dibromofluoromethane  
Concen: 47.271 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

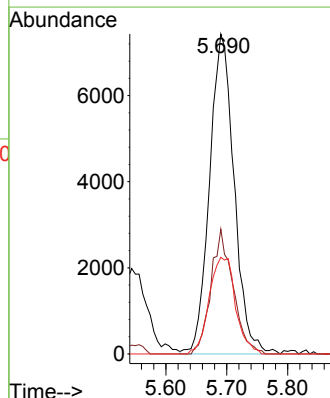
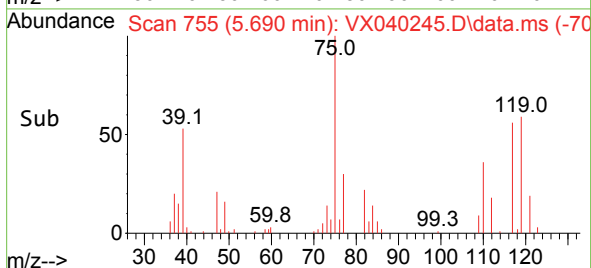
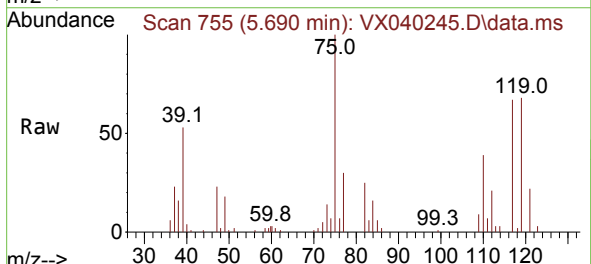


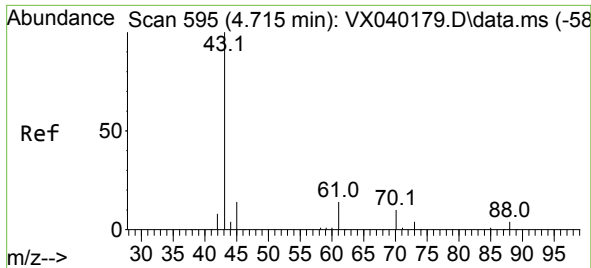
Tgt Ion:113 Resp: 38536  
Ion Ratio Lower Upper  
113 100  
111 104.6 82.9 124.3  
192 18.8 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 18.237 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 75 Resp: 20826  
Ion Ratio Lower Upper  
75 100  
110 35.2 17.0 50.9  
77 32.3 24.7 37.1





#37

Ethyl Acetate

Concen: 19.893 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.012 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

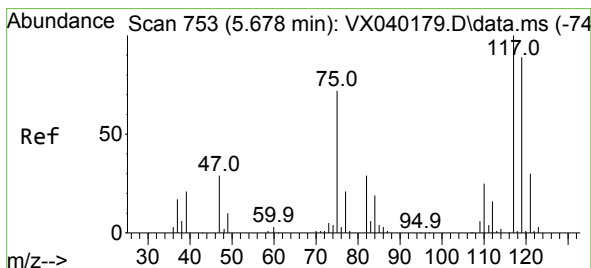
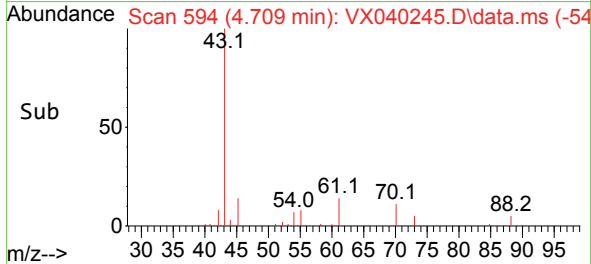
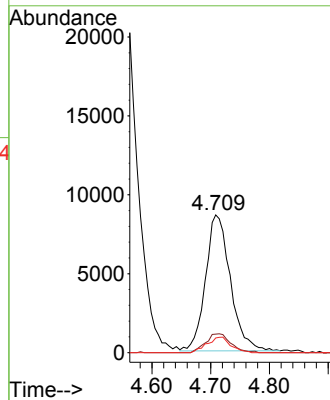
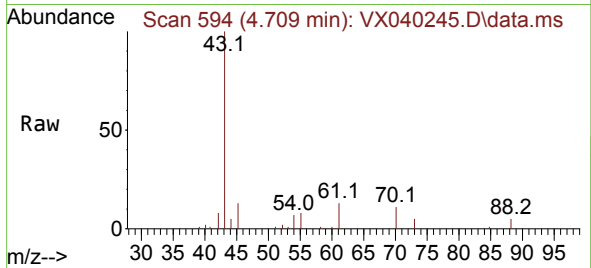
Tgt Ion: 43 Resp: 25278

Ion Ratio Lower Upper

43 100

61 14.1 10.6 16.0

70 10.8 8.3 12.5



#38

Carbon Tetrachloride

Concen: 18.407 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

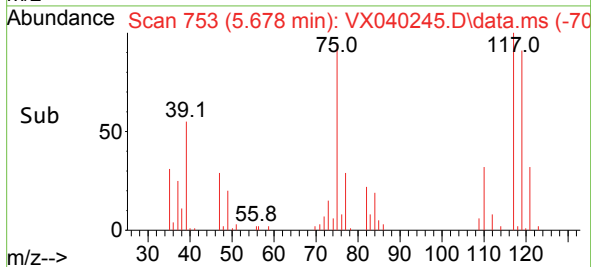
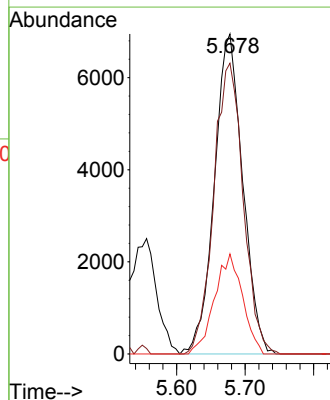
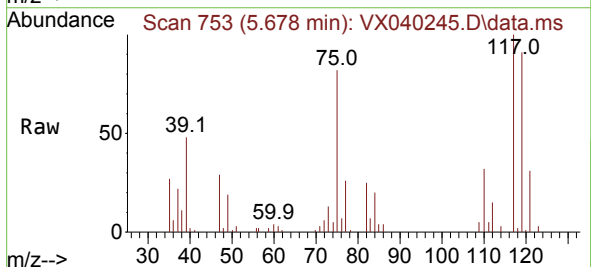
Tgt Ion: 117 Resp: 19986

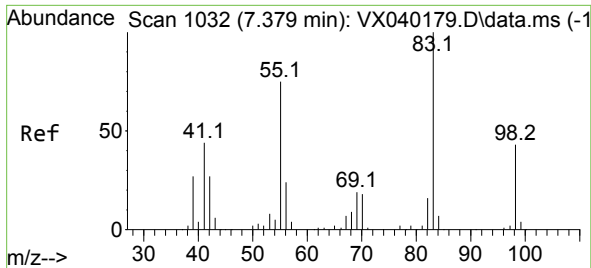
Ion Ratio Lower Upper

117 100

119 90.8 78.2 117.2

121 31.2 24.4 36.6

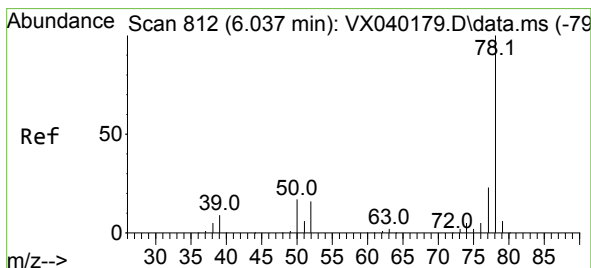
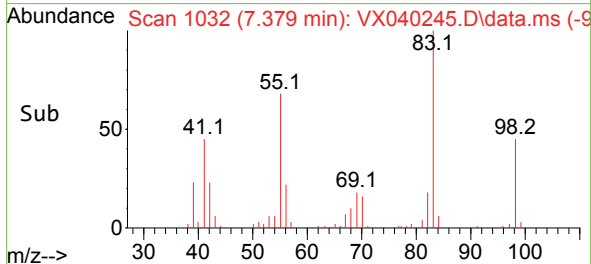
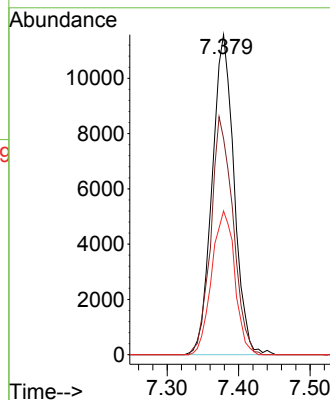
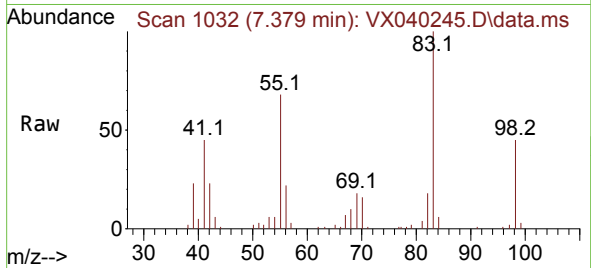




#39  
Methylcyclohexane  
Concen: 18.603 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

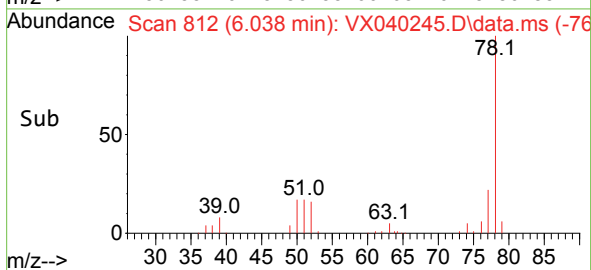
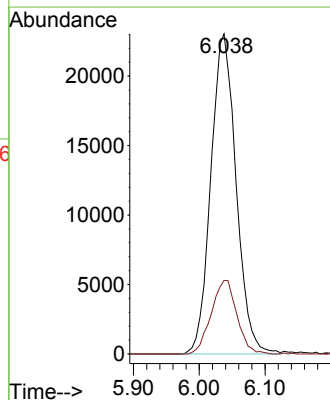
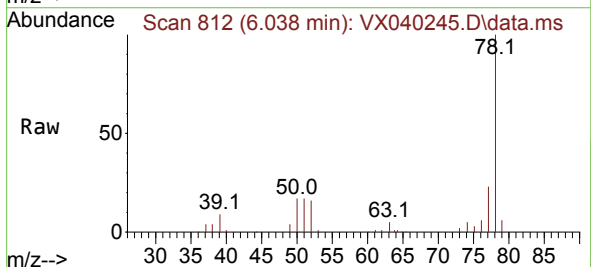
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

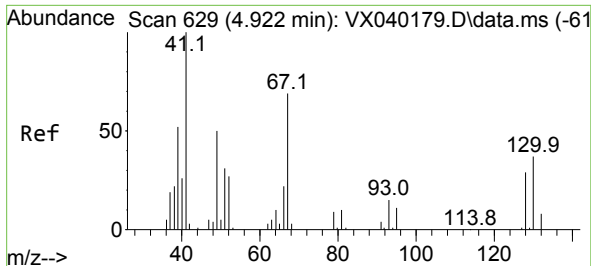
Tgt Ion: 83 Resp: 24688  
Ion Ratio Lower Upper  
83 100  
55 67.6 64.6 97.0  
98 44.9 36.7 55.1



#40  
Benzene  
Concen: 19.282 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 78 Resp: 61577  
Ion Ratio Lower Upper  
78 100  
77 23.0 19.3 28.9

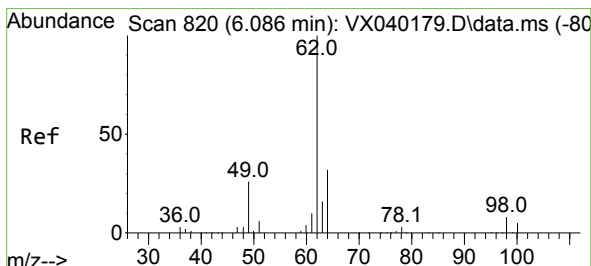
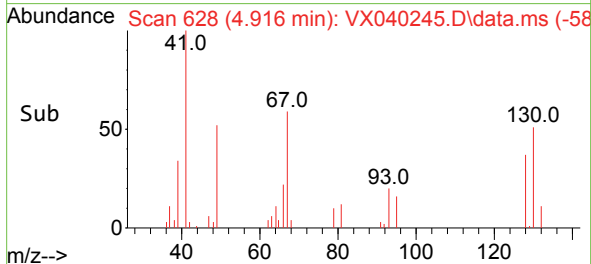
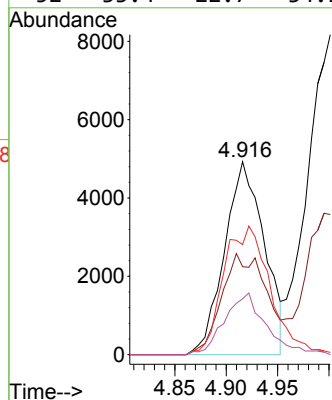
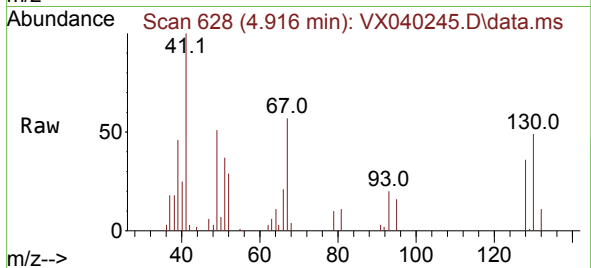




#41  
Methacrylonitrile  
Concen: 19.707 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

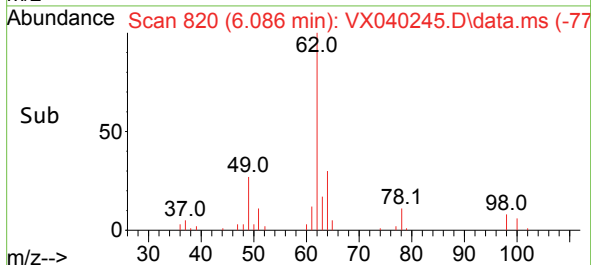
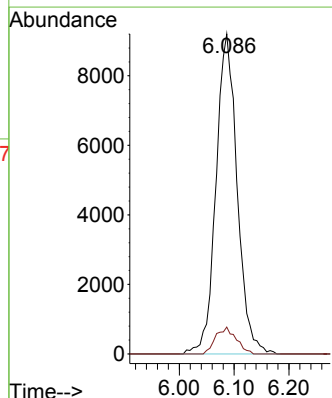
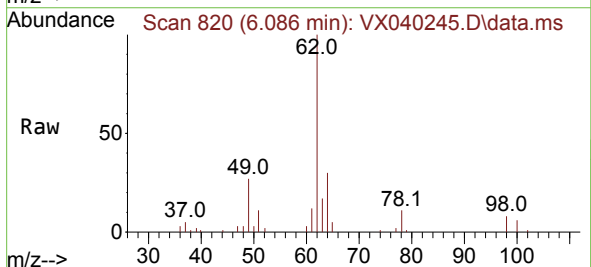
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

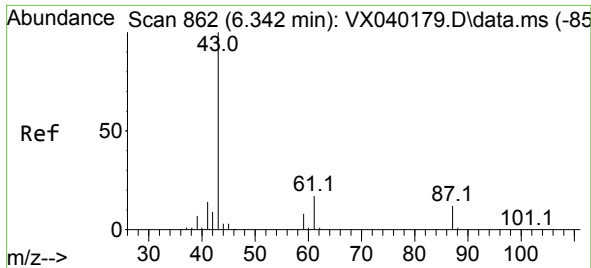
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 13275 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 58.4     | 45.2 67.8   |
| 67 78.1     | 52.6 78.8   |
| 52 33.4     | 22.7 34.1   |



#42  
1,2-Dichloroethane  
Concen: 19.811 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 24729 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.1      | 0.0 16.0    |





#43

Isopropyl Acetate

Concen: 19.476 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

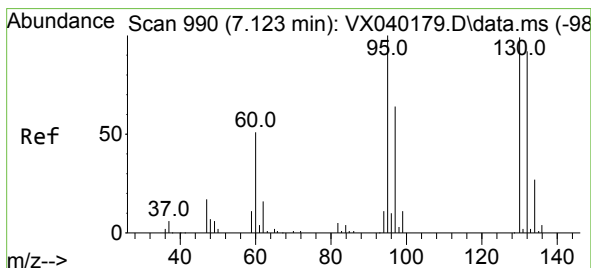
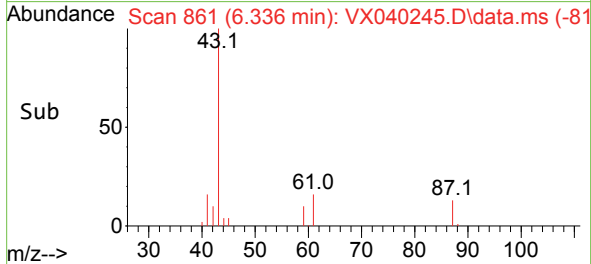
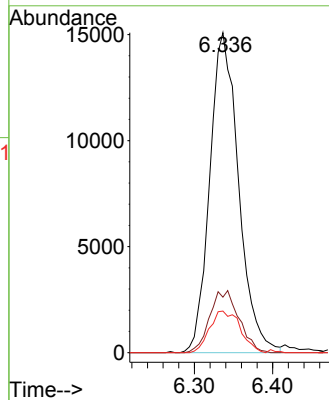
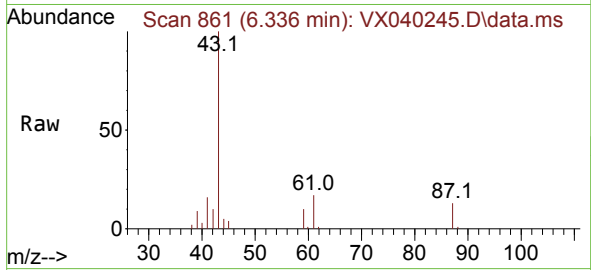
Tgt Ion: 43 Resp: 38633

Ion Ratio Lower Upper

43 100

61 19.7 15.2 22.8

87 13.8 9.8 14.6



#44

Trichloroethene

Concen: 19.148 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040245.D

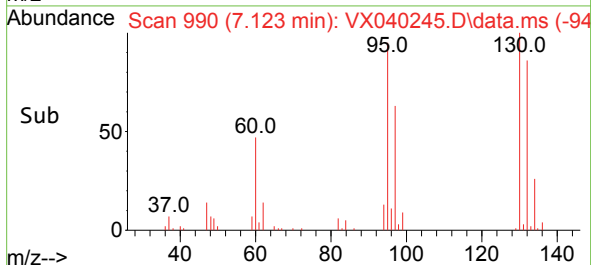
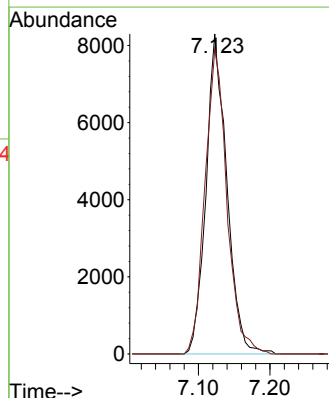
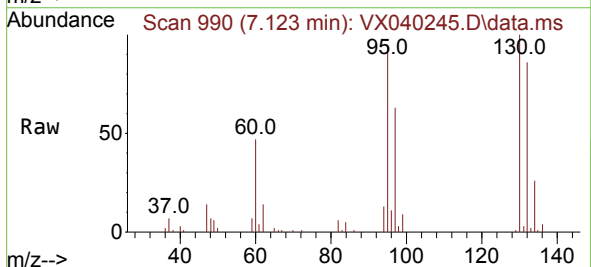
Acq: 15 Feb 2024 12:34

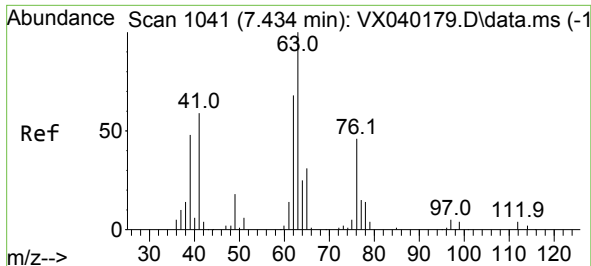
Tgt Ion:130 Resp: 16867

Ion Ratio Lower Upper

130 100

95 95.1 0.0 204.4

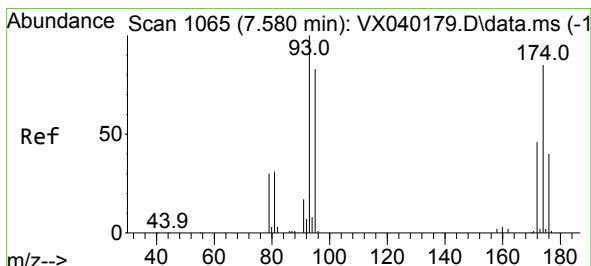
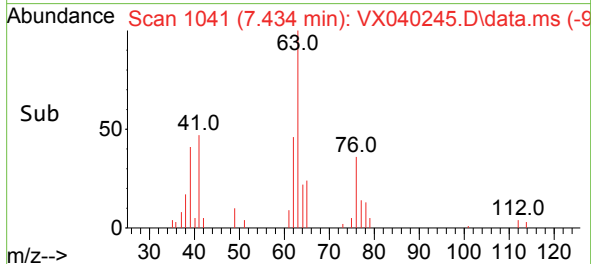
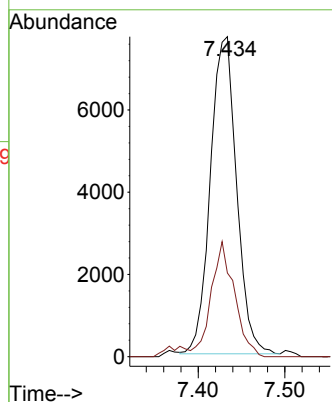
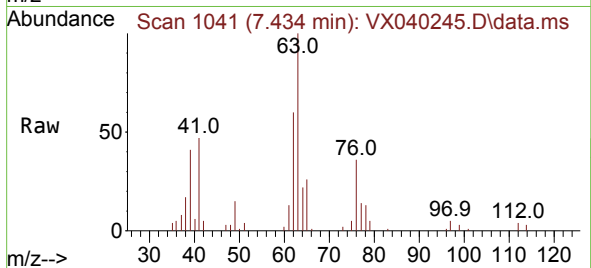




#45  
1,2-Dichloropropane  
Concen: 19.541 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

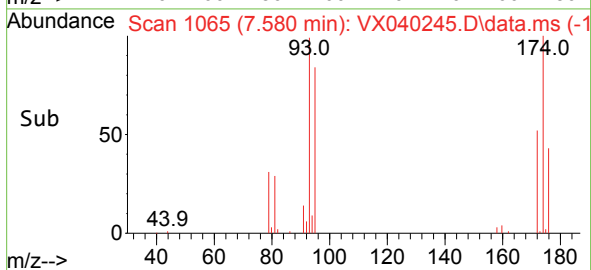
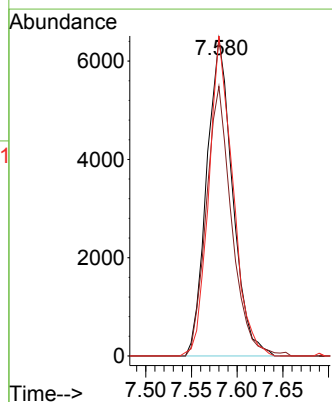
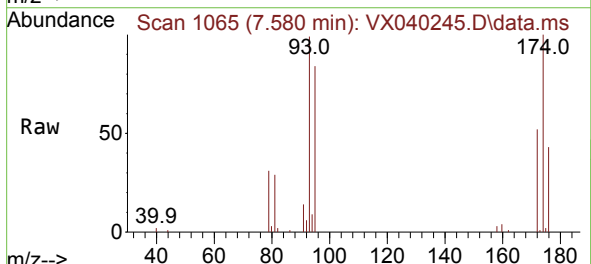
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

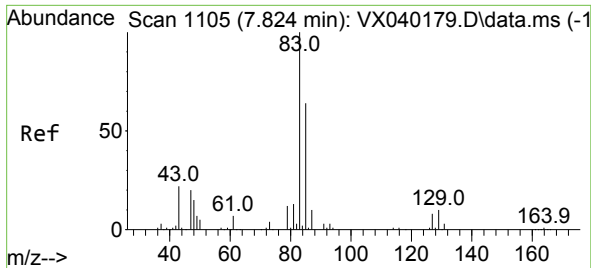
Tgt Ion: 63 Resp: 16243  
Ion Ratio Lower Upper  
63 100  
65 26.4 24.3 36.5



#46  
Dibromomethane  
Concen: 20.708 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 93 Resp: 12677  
Ion Ratio Lower Upper  
93 100  
95 83.6 66.6 100.0  
174 93.8 69.4 104.0

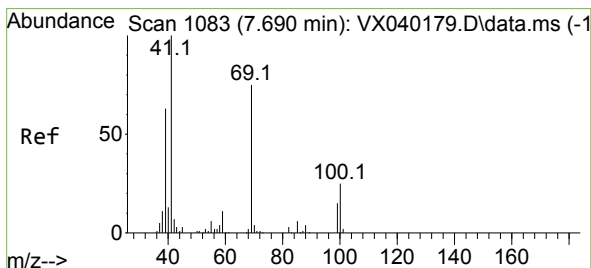
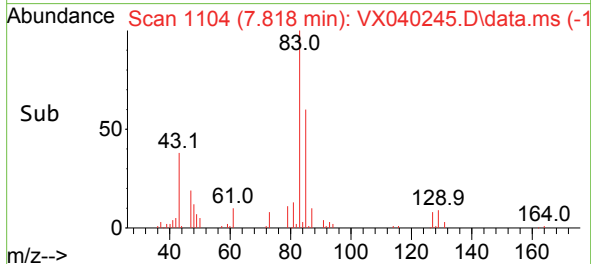
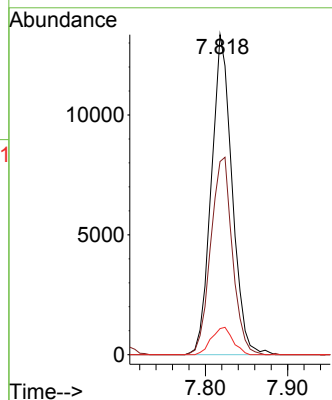
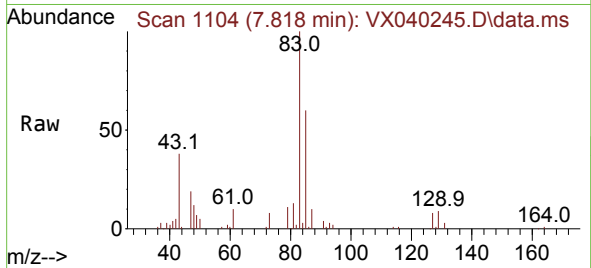




#47  
Bromodichloromethane  
Concen: 19.825 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

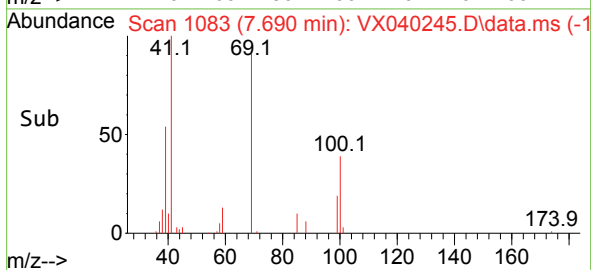
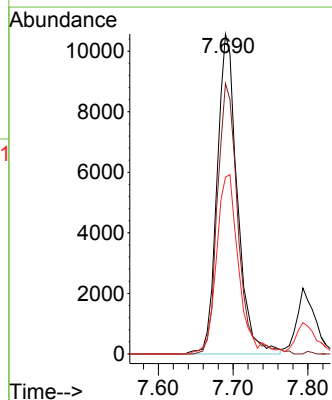
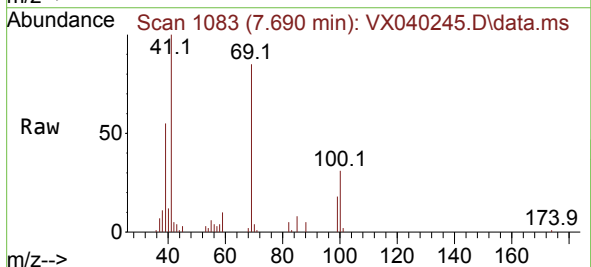
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

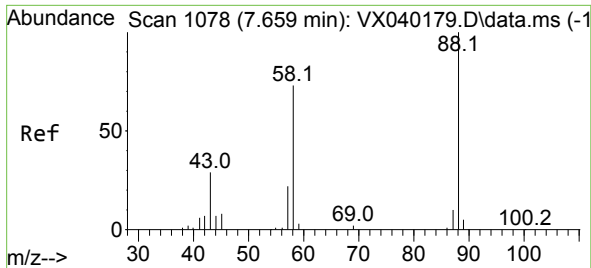
Tgt Ion: 83 Resp: 23385  
Ion Ratio Lower Upper  
83 100  
85 60.4 49.8 74.6  
127 8.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.632 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 41 Resp: 19926  
Ion Ratio Lower Upper  
41 100  
69 85.2 59.2 88.8  
39 61.5 47.7 71.5

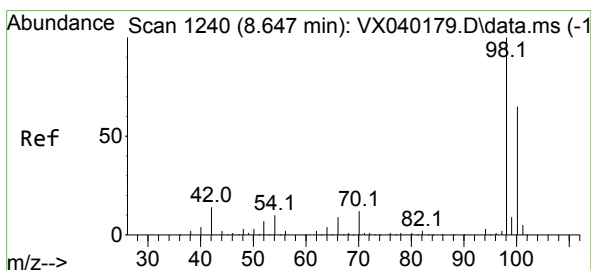
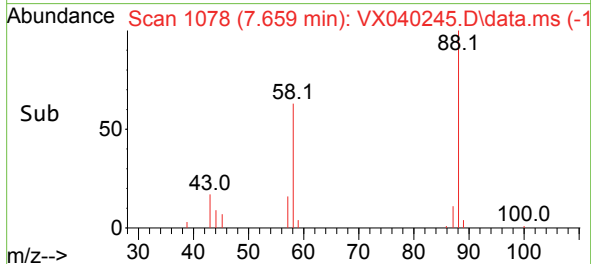
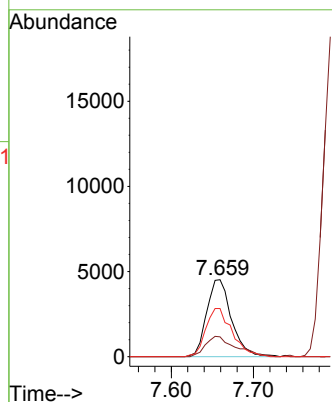
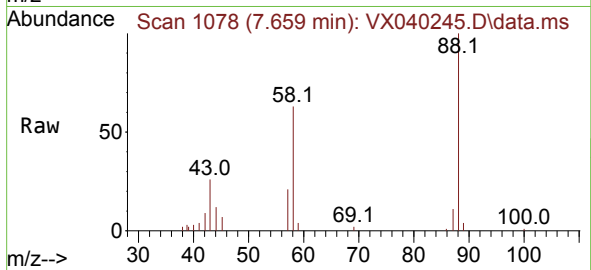




#49  
1,4-Dioxane  
Concen: 428.755 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

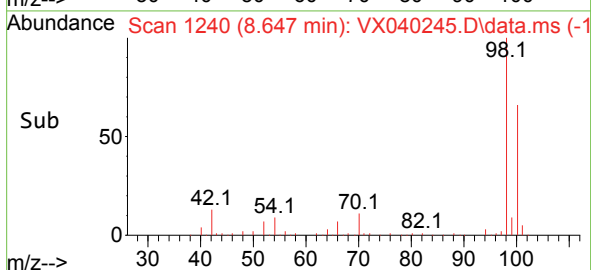
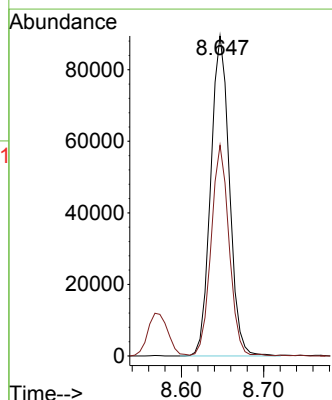
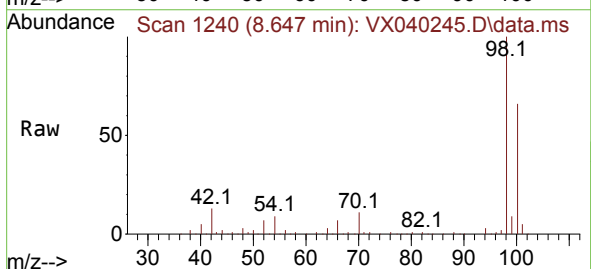
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

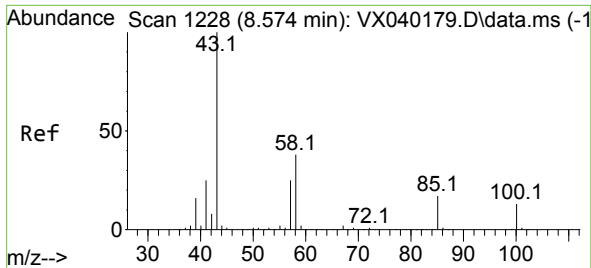
Tgt Ion: 88 Resp: 9467  
Ion Ratio Lower Upper  
88 100  
43 31.7 0.0 0.0#  
58 66.4 60.1 90.1



#50  
Toluene-d8  
Concen: 46.290 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 98 Resp: 141161  
Ion Ratio Lower Upper  
98 100  
100 63.1 53.1 79.7

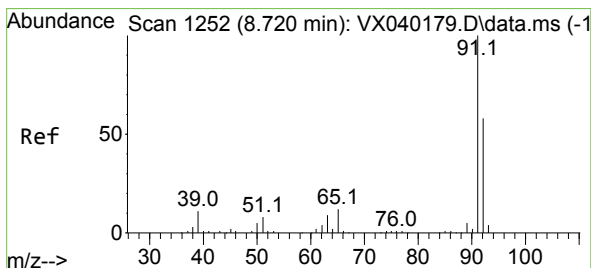
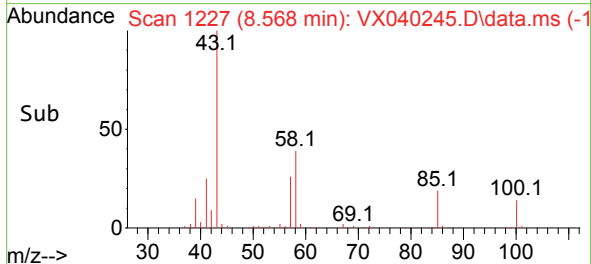
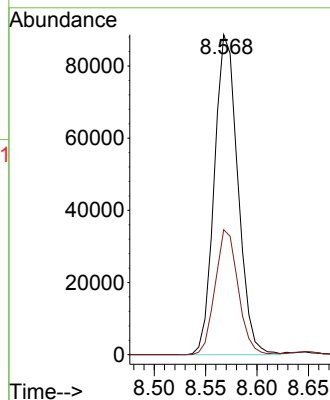
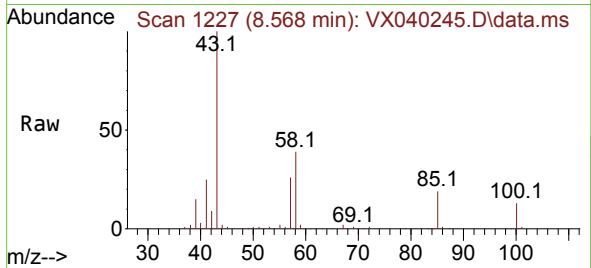




#51  
4-Methyl-2-Pentanone  
Concen: 104.190 ug/l  
RT: 8.568 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

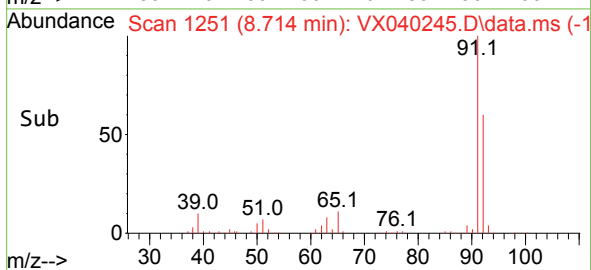
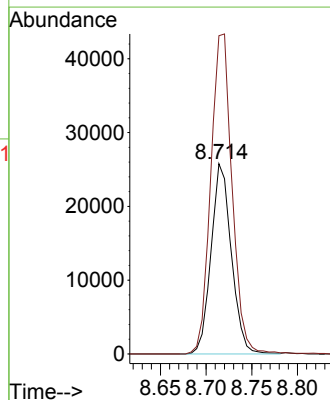
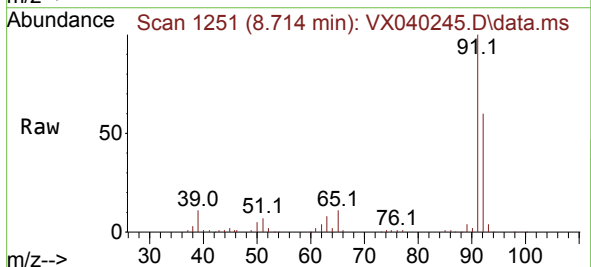
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

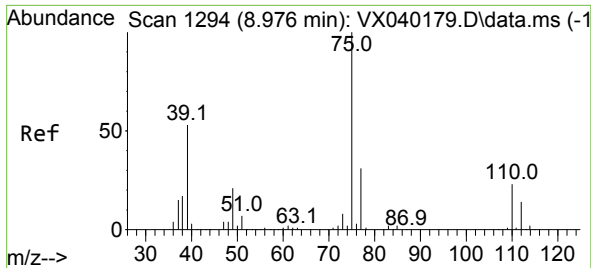
Tgt Ion: 43 Resp: 141103  
Ion Ratio Lower Upper  
43 100  
58 38.3 30.4 45.6



#52  
Toluene  
Concen: 19.066 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 92 Resp: 39881  
Ion Ratio Lower Upper  
92 100  
91 176.6 134.2 201.2

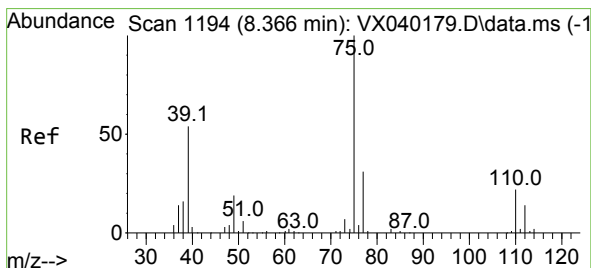
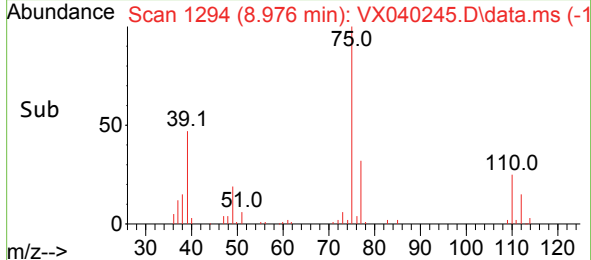
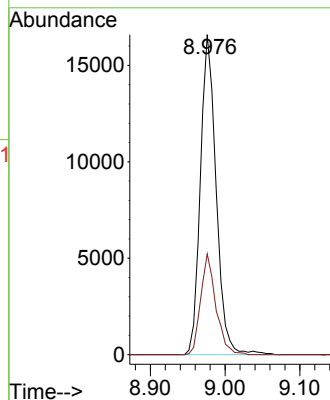
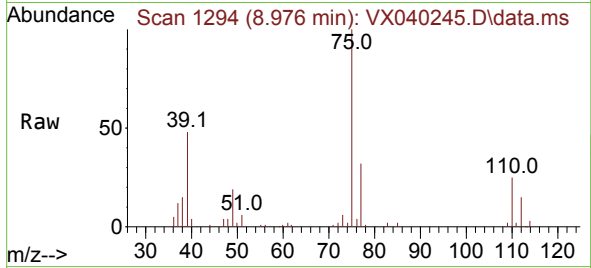




#53  
 t-1,3-Dichloropropene  
 Concen: 18.415 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX040245.D  
 Acq: 15 Feb 2024 12:34

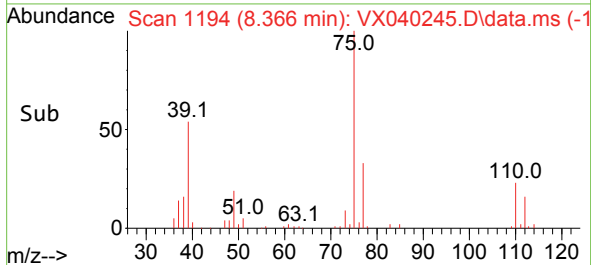
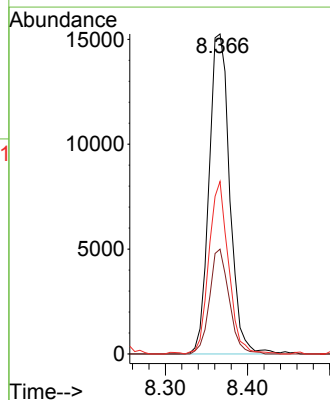
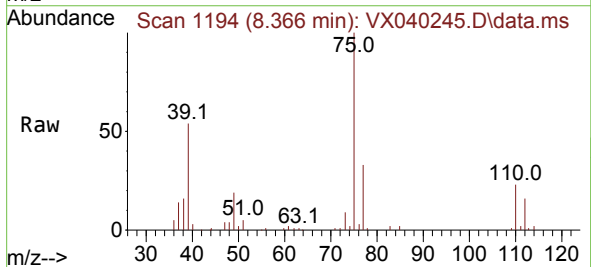
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

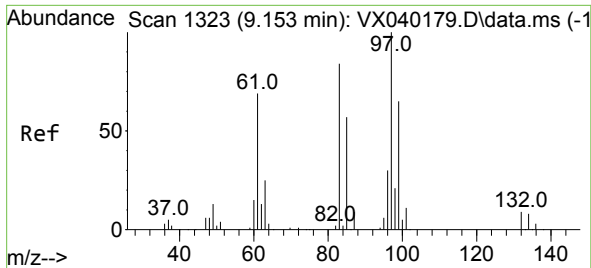
Tgt Ion: 75 Resp: 24276  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.197 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX040245.D  
 Acq: 15 Feb 2024 12:34

Tgt Ion: 75 Resp: 26700  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 25.3 37.9  
 39 53.9 46.7 70.1

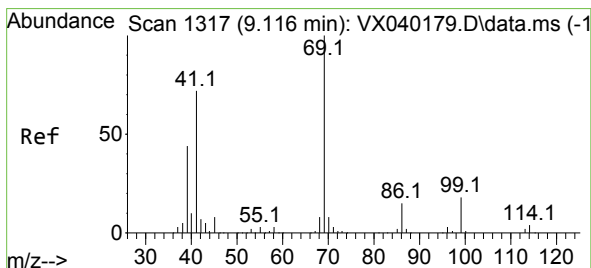
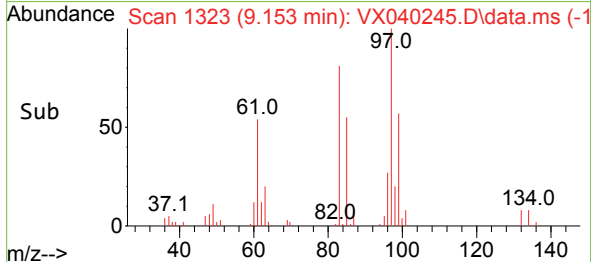
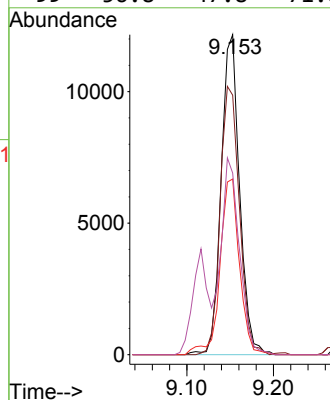
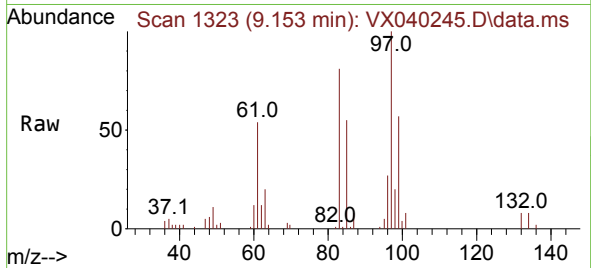




#55  
1,1,2-Trichloroethane  
Concen: 20.117 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

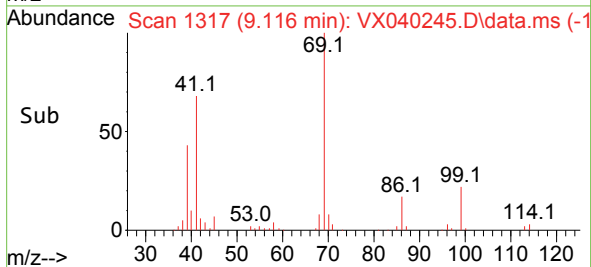
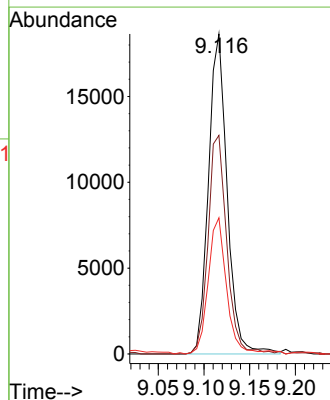
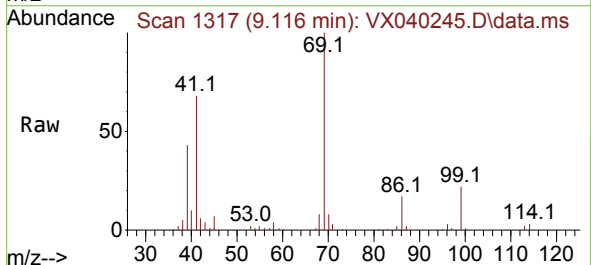
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

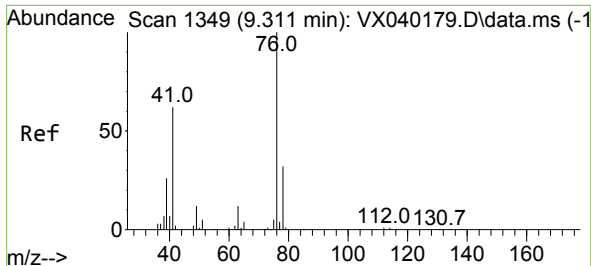
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 17948 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 81.1     | 65.8 98.8   |
| 85 54.9     | 41.6 62.4   |
| 99 56.8     | 47.8 71.8   |



#56  
Ethyl methacrylate  
Concen: 19.873 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 26543 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 68.4     | 56.8 85.2   |
| 39 41.4     | 32.0 48.0   |





#57

1,3-Dichloropropane

Concen: 20.222 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

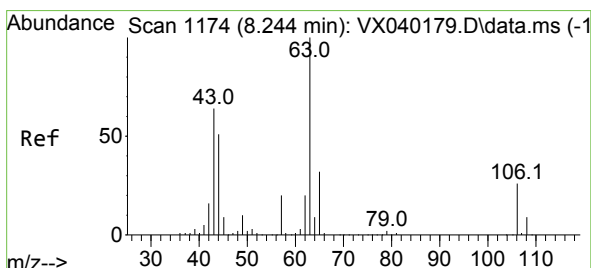
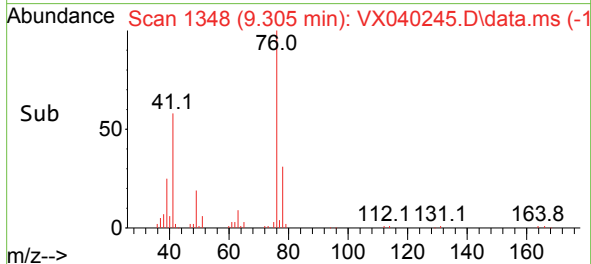
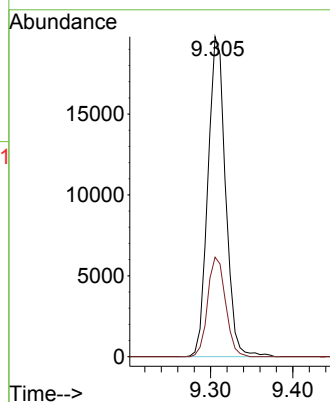
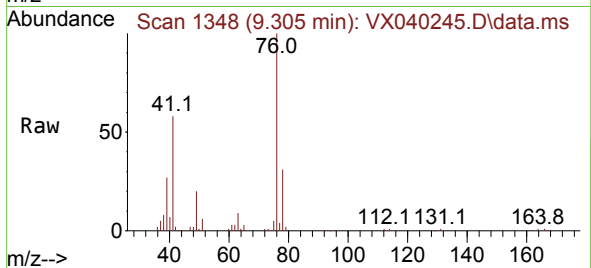
VX0215WBSD01

Tgt Ion: 76 Resp: 29447

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 87.171 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040245.D

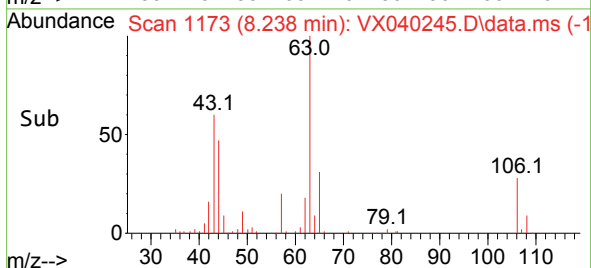
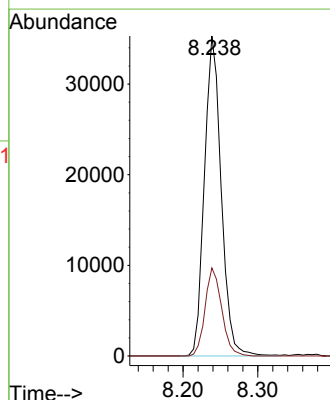
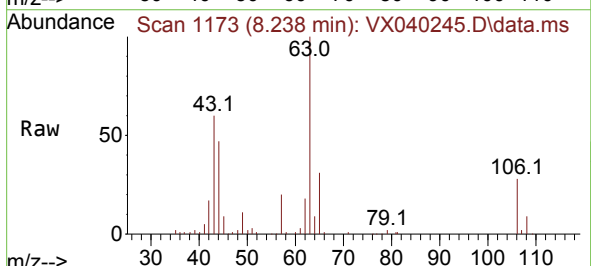
Acq: 15 Feb 2024 12:34

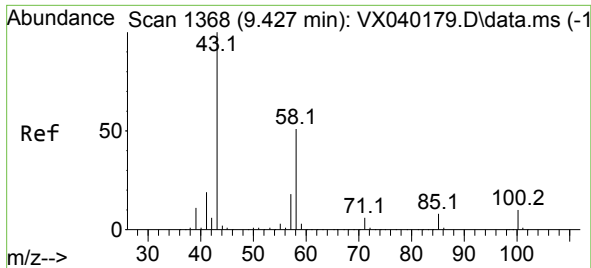
Tgt Ion: 63 Resp: 55077

Ion Ratio Lower Upper

63 100

106 27.2 22.5 33.7

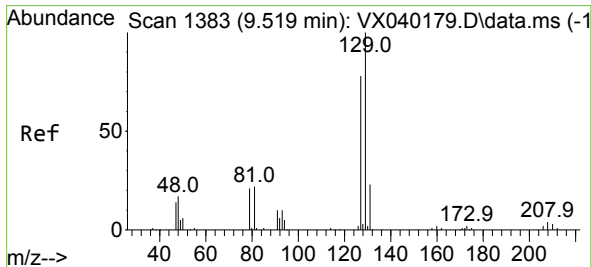
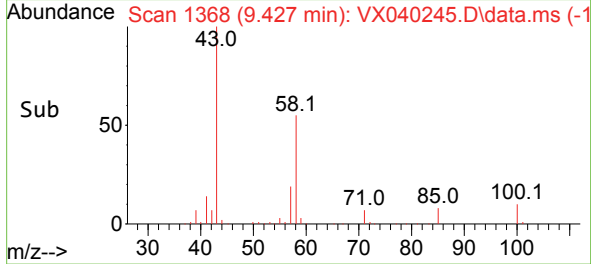
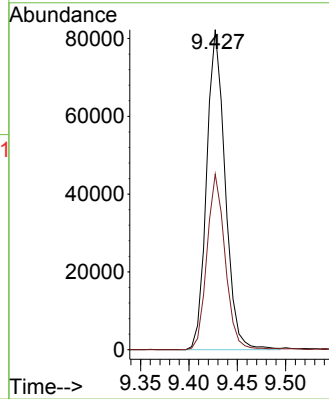
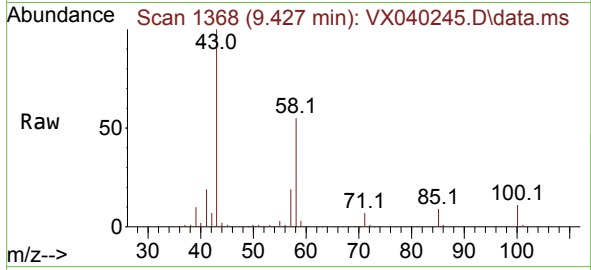




#59  
2-Hexanone  
Concen: 102.148 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

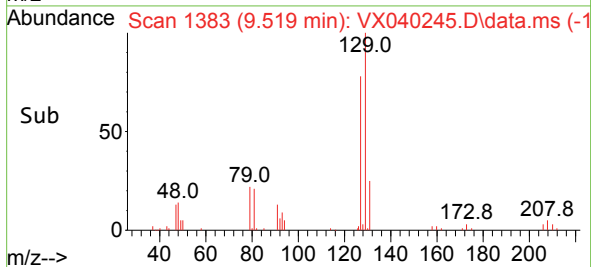
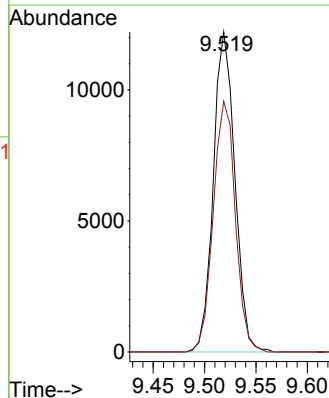
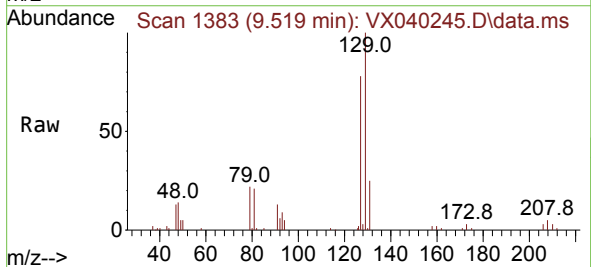
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

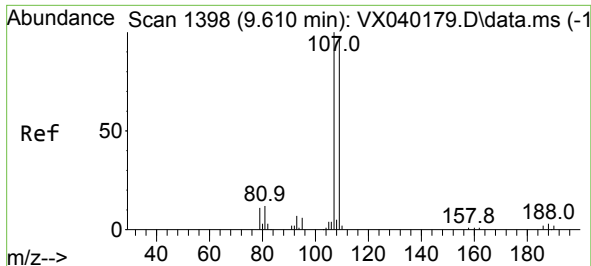
Tgt Ion: 43 Resp: 109680  
Ion Ratio Lower Upper  
43 100  
58 54.3 26.2 78.5



#60  
Dibromochloromethane  
Concen: 19.512 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 129 Resp: 17736  
Ion Ratio Lower Upper  
129 100  
127 80.8 38.8 116.4

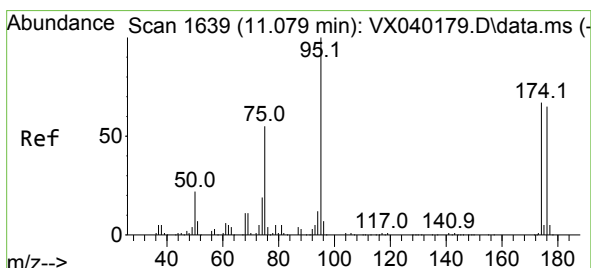
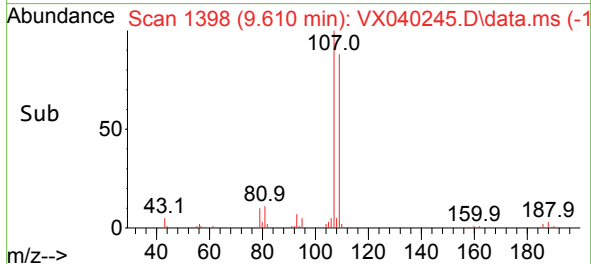
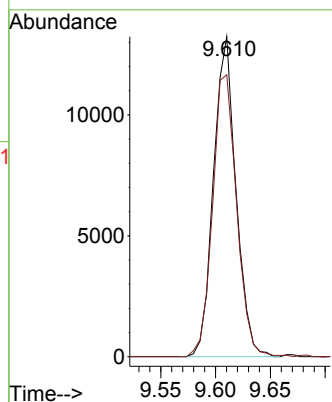
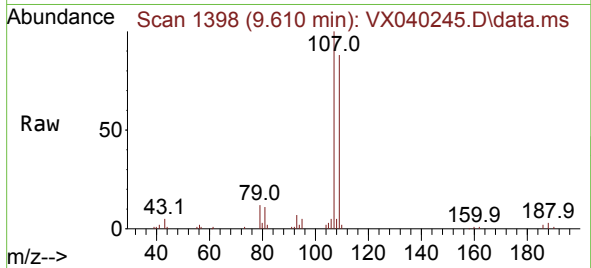




#61  
1,2-Dibromoethane  
Concen: 19.870 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

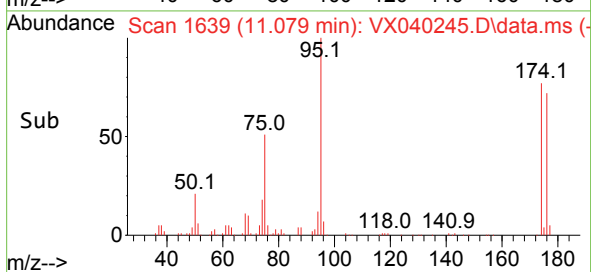
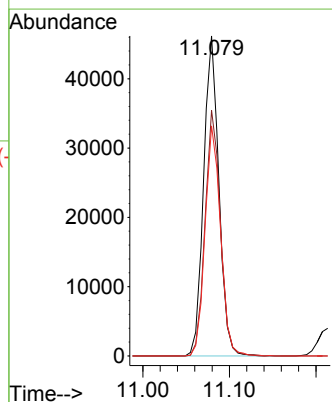
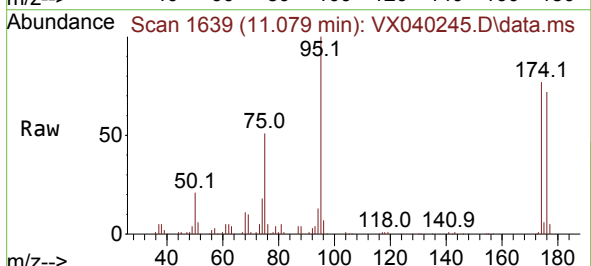
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

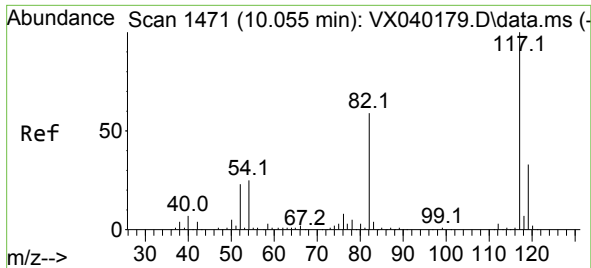
Tgt Ion:107 Resp: 18843  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 45.342 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 95 Resp: 56391  
Ion Ratio Lower Upper  
95 100  
174 77.3 0.0 135.6  
176 73.2 0.0 131.0

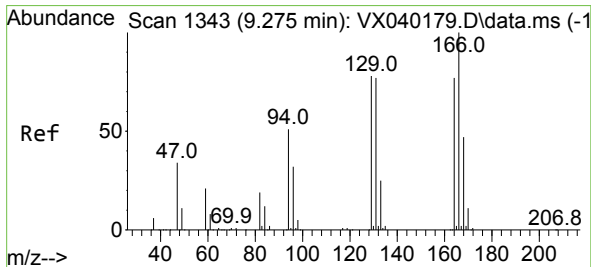
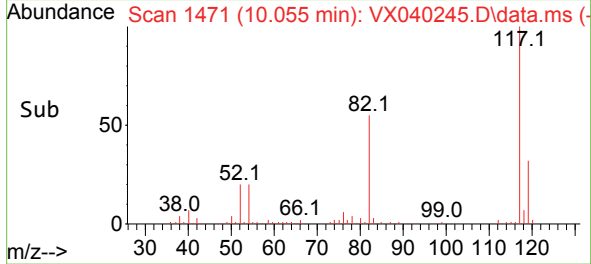
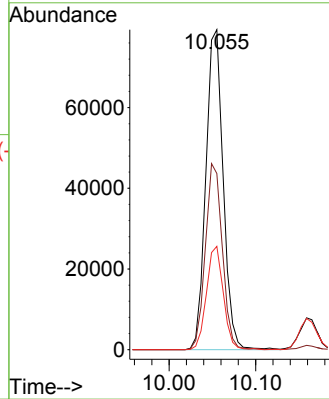
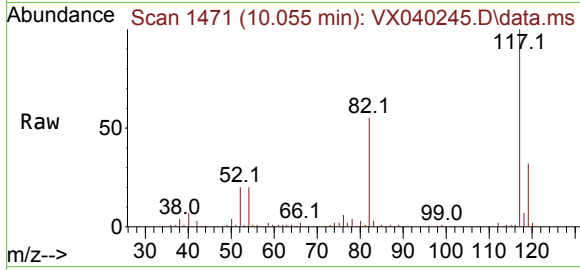




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

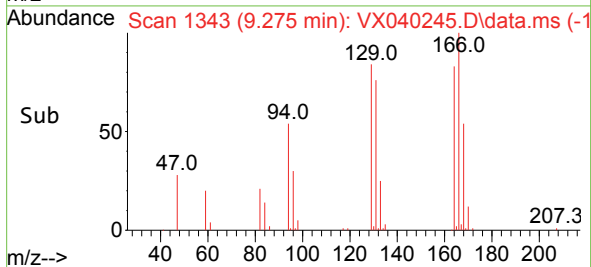
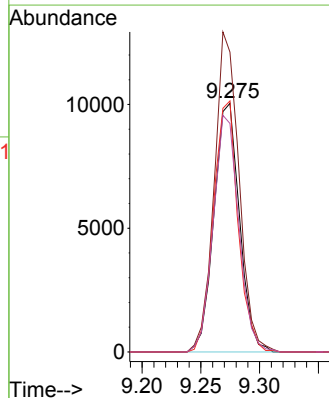
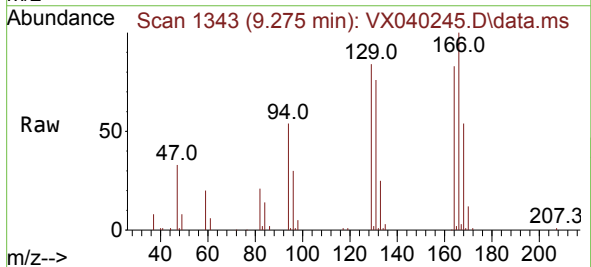
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

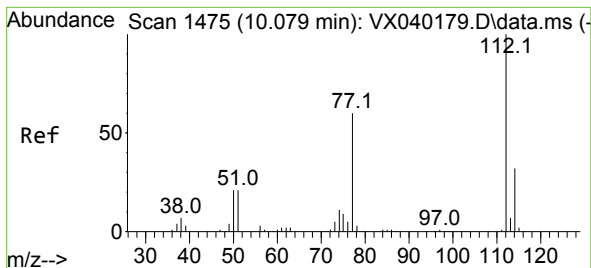
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:117 | Resp: | 110104      |
| Ion         | Ratio | Lower Upper |
| 117         | 100   |             |
| 82          | 55.0  | 46.2 69.4   |
| 119         | 32.3  | 25.5 38.3   |



#64  
Tetrachloroethene  
Concen: 19.613 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 15133       |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 166         | 120.6 | 102.7 154.1 |
| 129         | 101.0 | 80.4 120.6  |
| 131         | 91.9  | 76.5 114.7  |

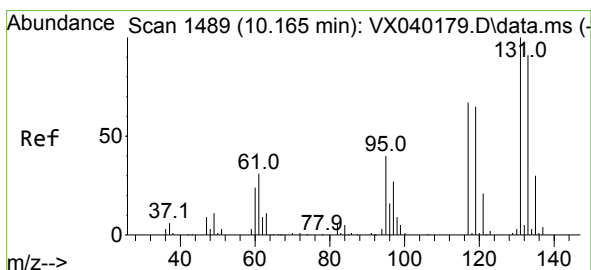
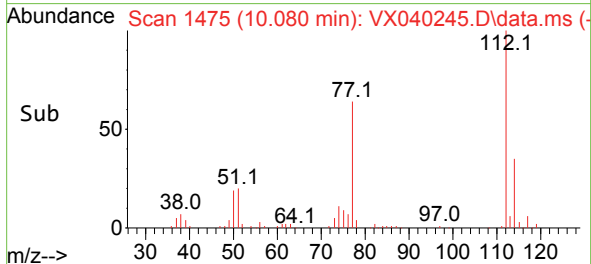
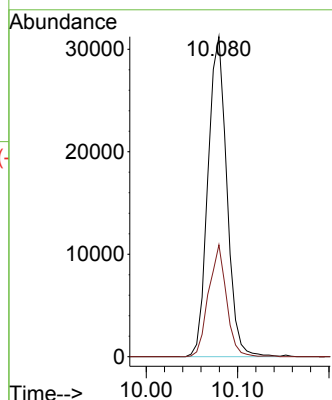
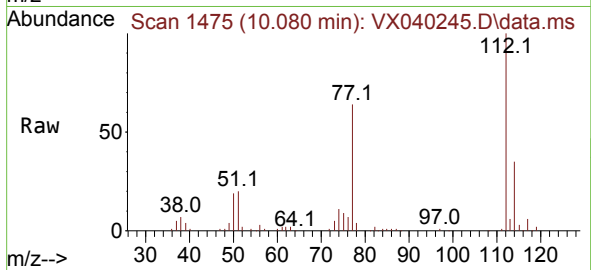




#65  
Chlorobenzene  
Concen: 19.454 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

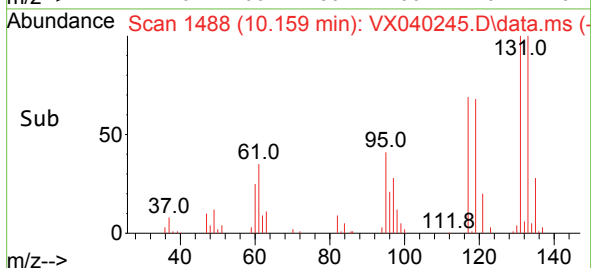
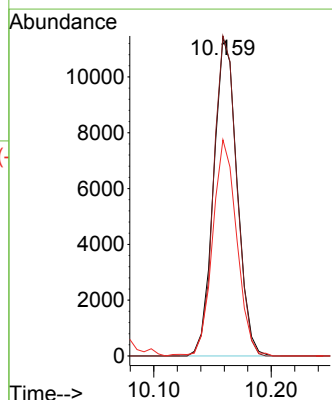
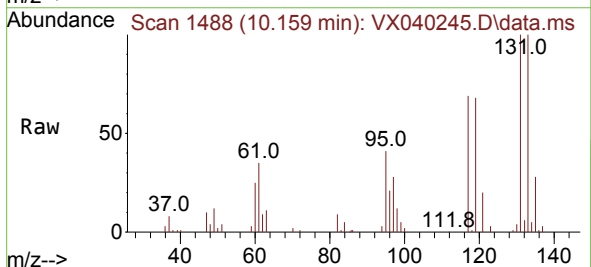
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

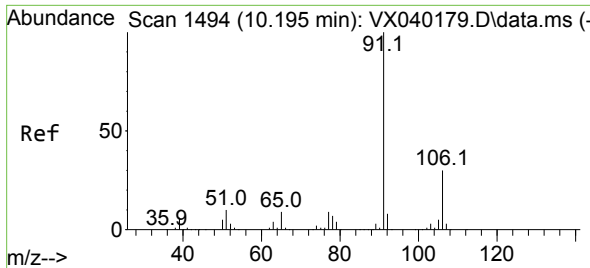
Tgt Ion:112 Resp: 44704  
Ion Ratio Lower Upper  
112 100  
114 35.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.907 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion:131 Resp: 15843  
Ion Ratio Lower Upper  
131 100  
133 98.5 47.1 141.4  
119 69.8 32.2 96.6

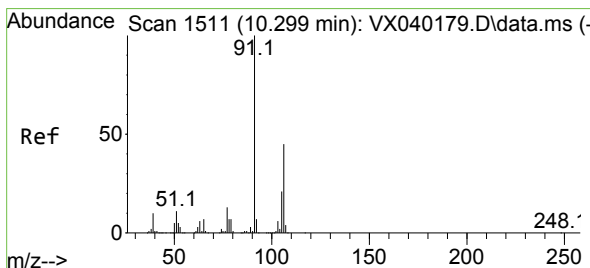
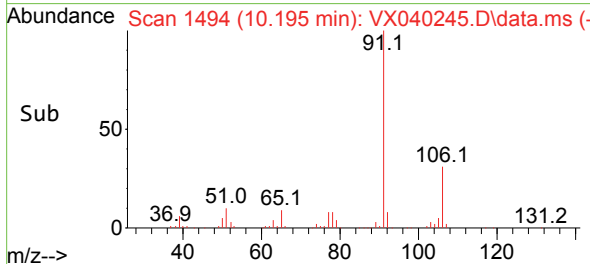
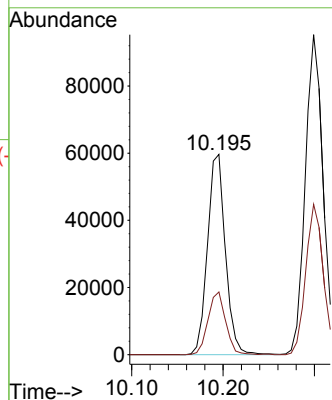
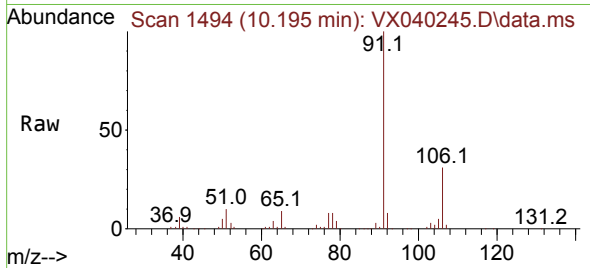




#67  
Ethyl Benzene  
Concen: 19.820 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

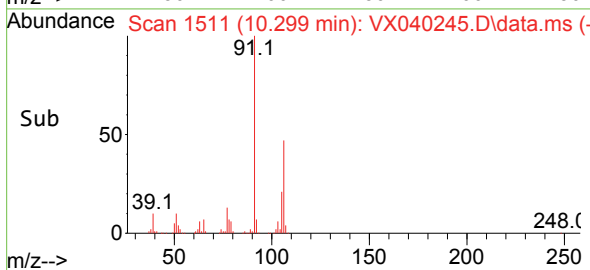
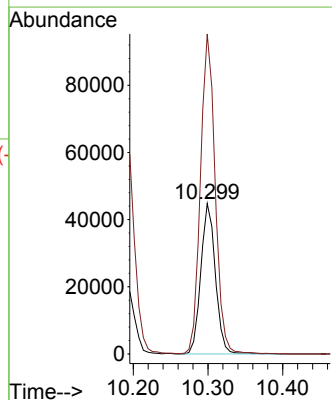
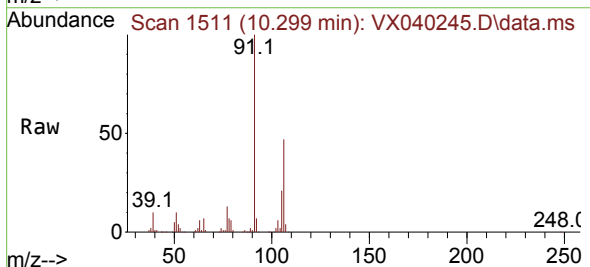
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

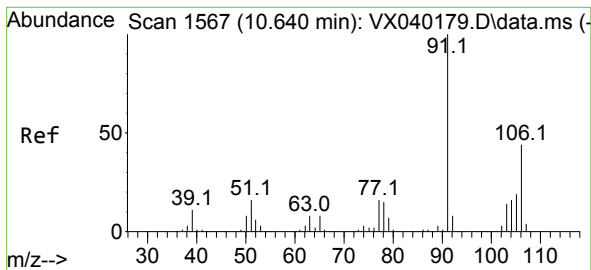
Tgt Ion: 91 Resp: 81115  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.150 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 106 Resp: 60513  
Ion Ratio Lower Upper  
106 100  
91 215.4 165.5 248.3

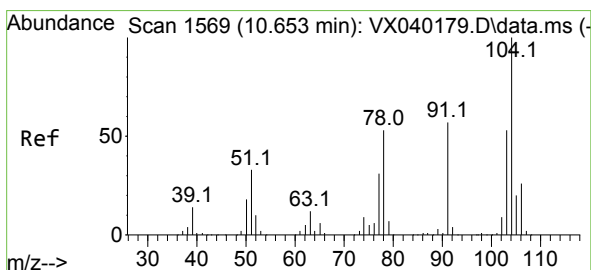
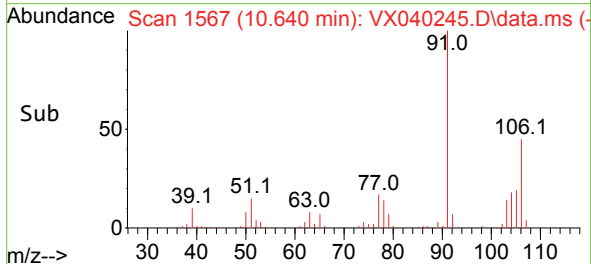
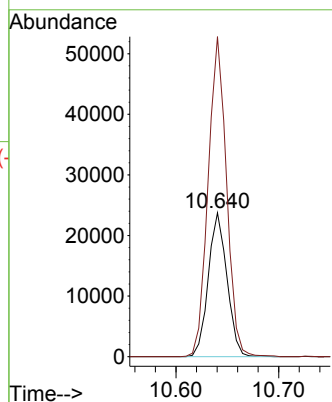
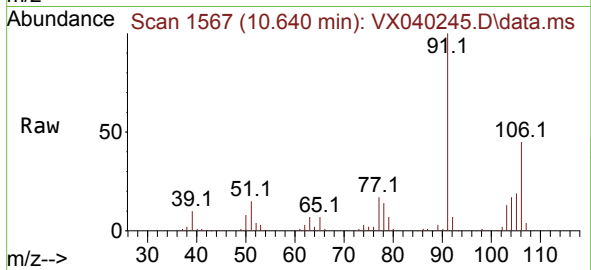




#69  
o-Xylene  
Concen: 20.021 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

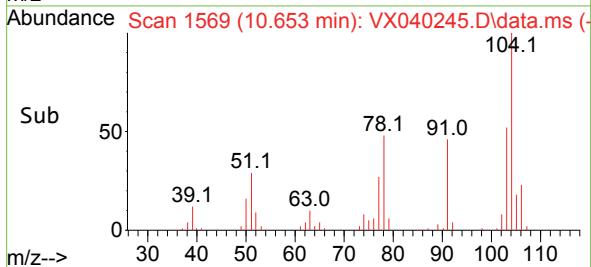
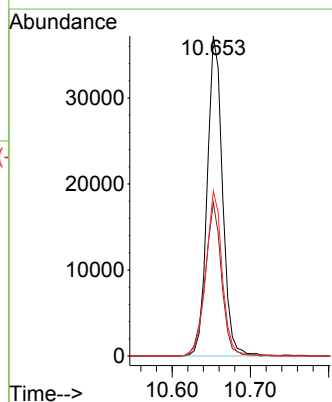
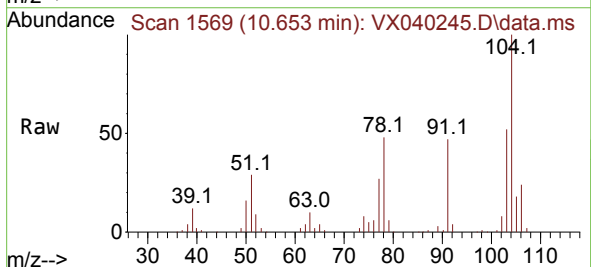
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

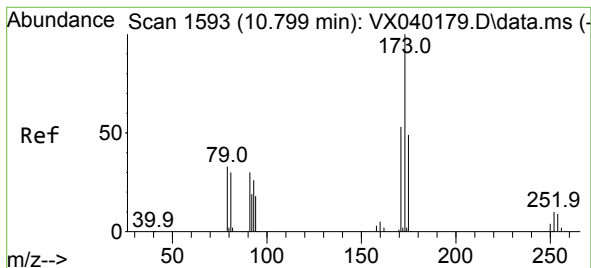
Tgt Ion:106 Resp: 30072  
Ion Ratio Lower Upper  
106 100  
91 219.1 108.9 326.8



#70  
Styrene  
Concen: 20.146 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion:104 Resp: 50309  
Ion Ratio Lower Upper  
104 100  
78 51.2 43.6 65.4  
103 55.1 43.6 65.4





#71

Bromoform

Concen: 19.178 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

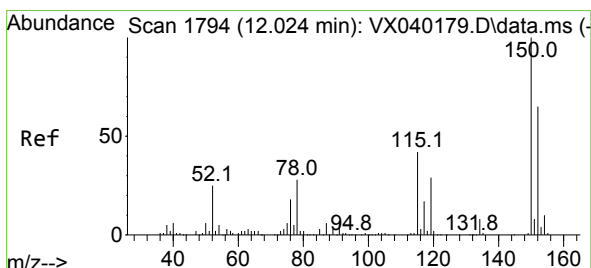
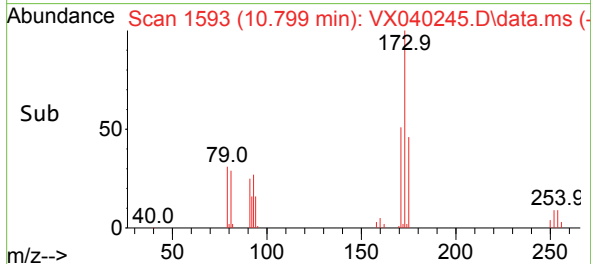
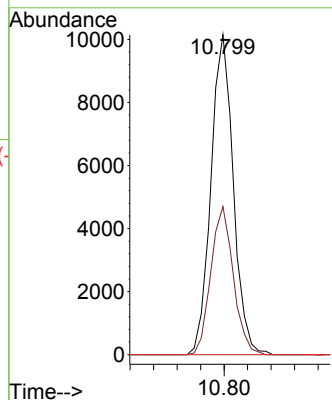
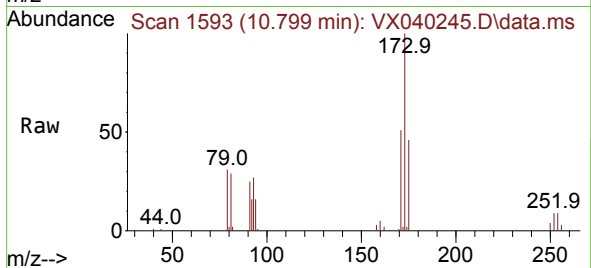
Tgt Ion:173 Resp: 13403

Ion Ratio Lower Upper

173 100

175 46.6 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

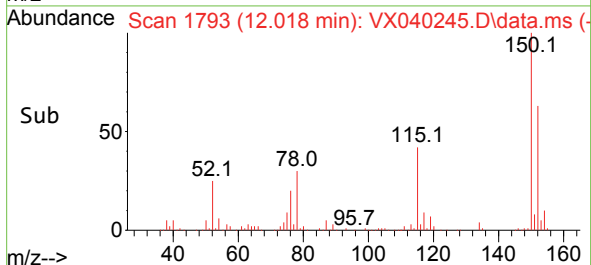
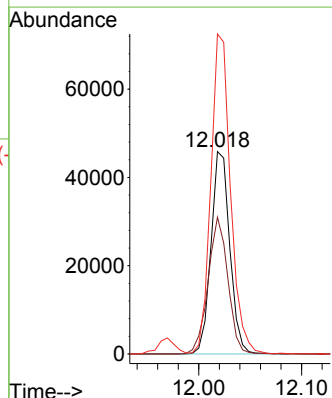
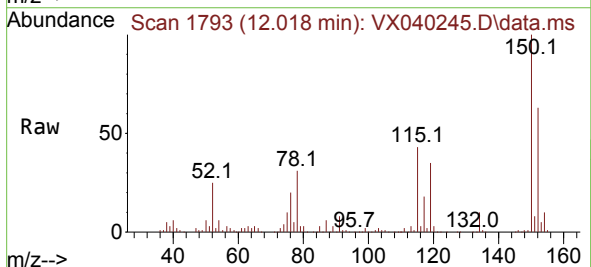
Tgt Ion:152 Resp: 58234

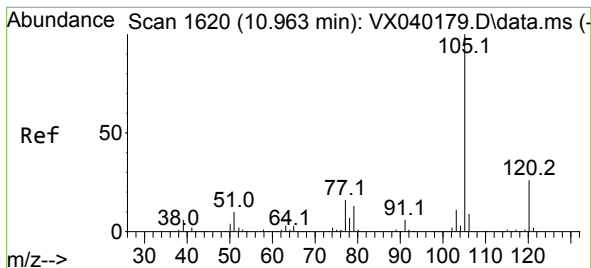
Ion Ratio Lower Upper

152 100

115 71.2 43.3 129.9

150 165.5 0.0 345.0





#73

Isopropylbenzene

Concen: 19.808 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

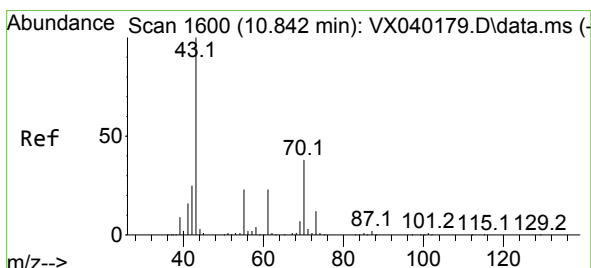
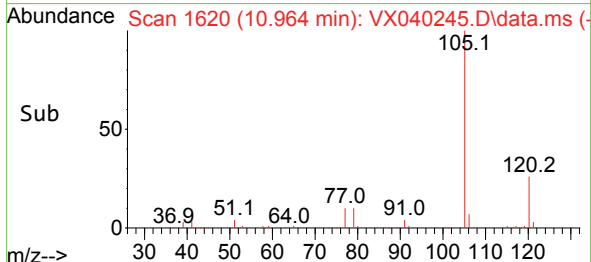
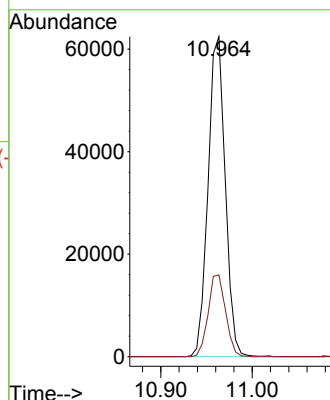
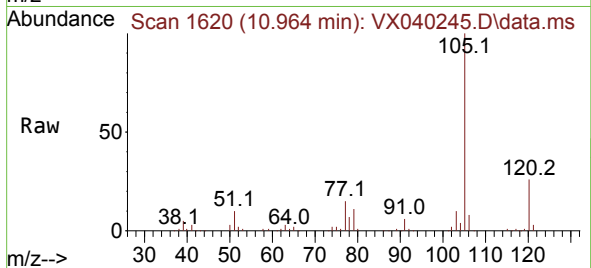
VX0215WBSD01

Tgt Ion:105 Resp: 81243

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



#74

N-ethyl acetate

Concen: 19.957 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Tgt Ion: 43 Resp: 35087

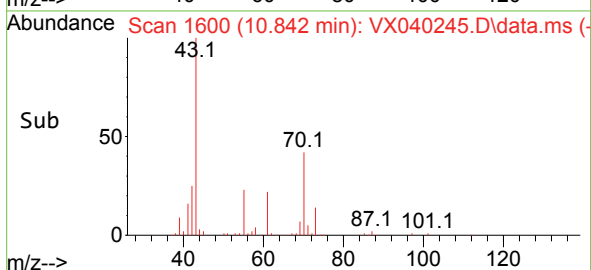
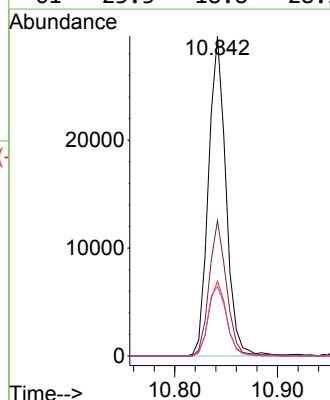
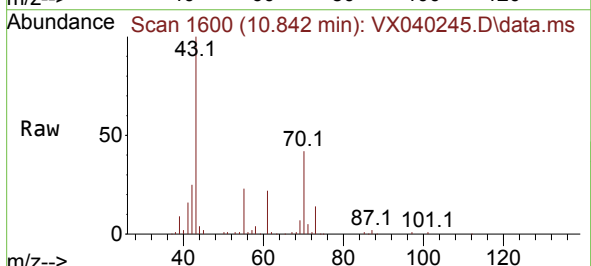
Ion Ratio Lower Upper

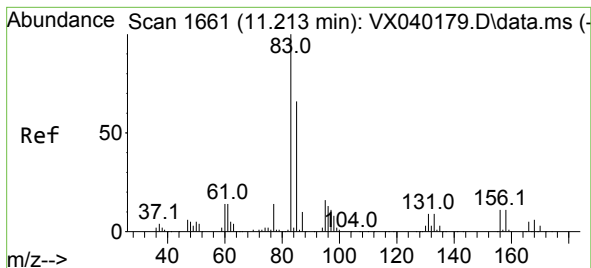
43 100

70 42.0 32.9 49.3

55 24.1 19.3 28.9

61 23.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.923 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

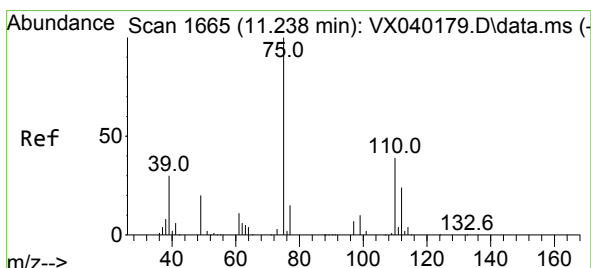
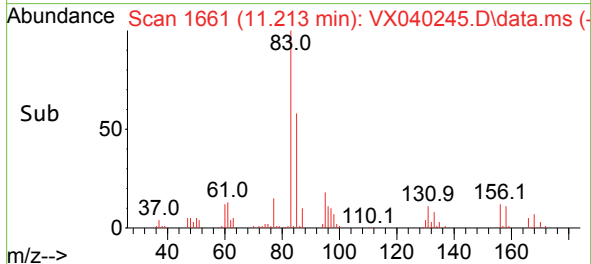
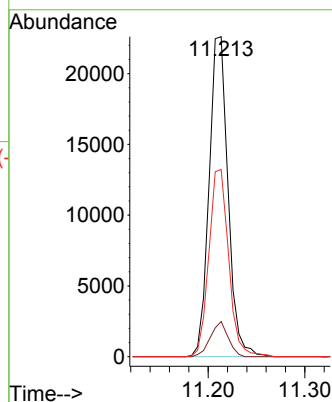
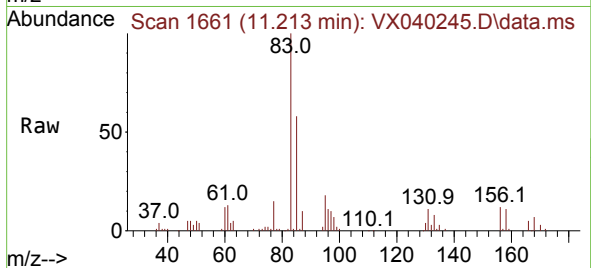
Tgt Ion: 83 Resp: 30832

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

85 61.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 26.612 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040245.D

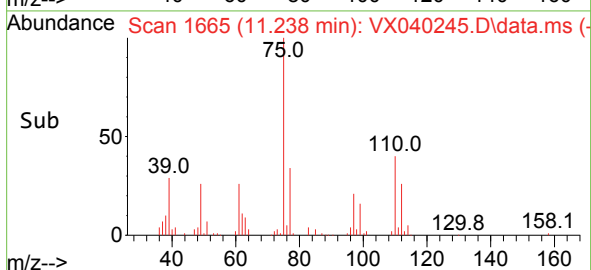
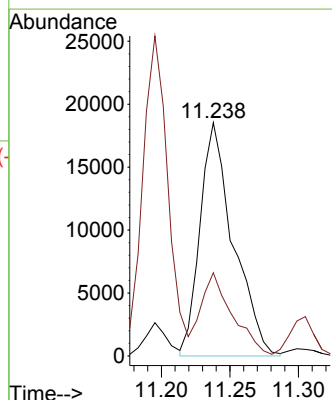
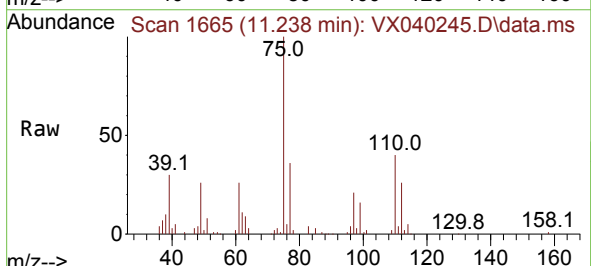
Acq: 15 Feb 2024 12:34

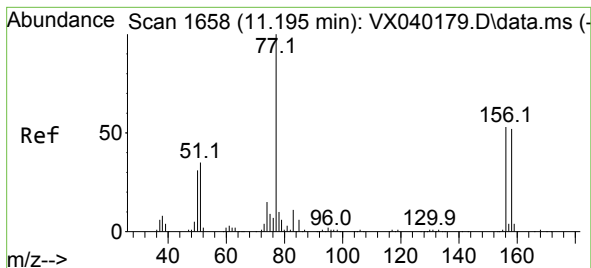
Tgt Ion: 75 Resp: 31383

Ion Ratio Lower Upper

75 100

77 33.9 19.1 57.5





#77

Bromobenzene

Concen: 20.331 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

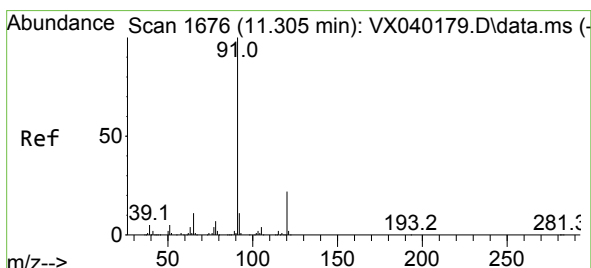
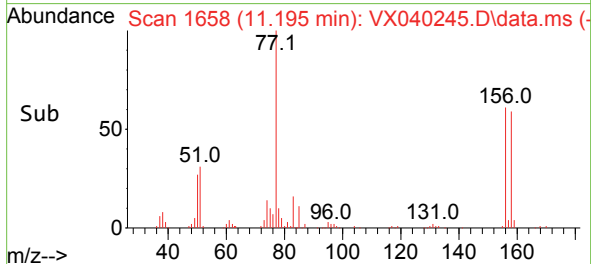
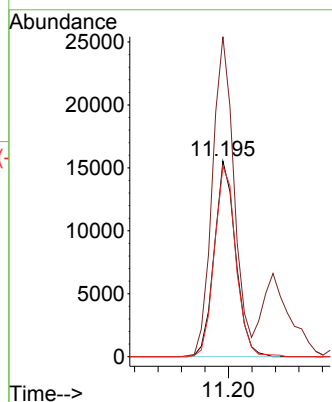
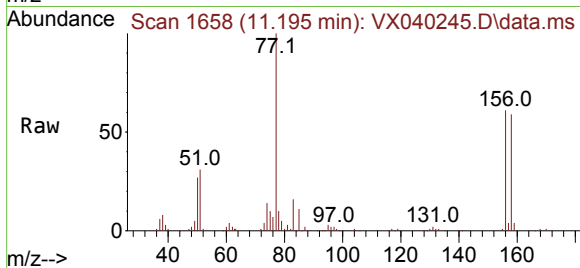
Tgt Ion:156 Resp: 19696

Ion Ratio Lower Upper

156 100

77 166.0 88.4 265.3

158 98.2 48.0 144.0



#78

n-propylbenzene

Concen: 19.370 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040245.D

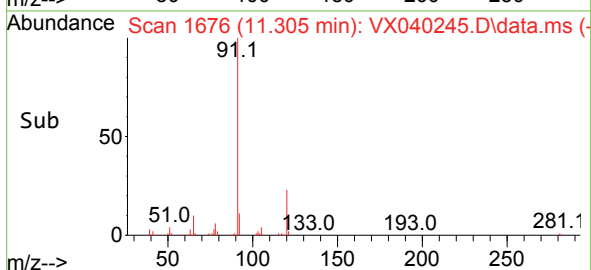
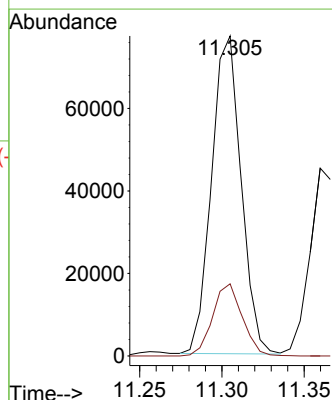
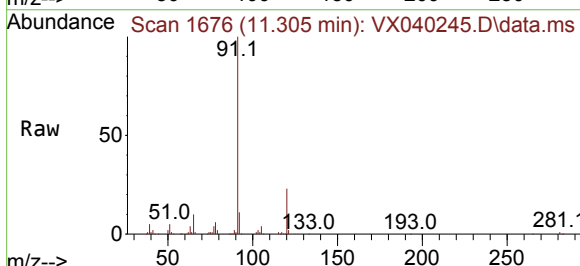
Acq: 15 Feb 2024 12:34

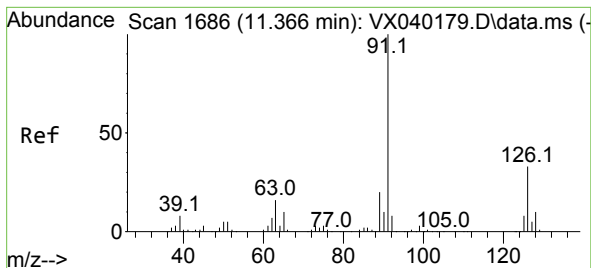
Tgt Ion: 91 Resp: 96185

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.146 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

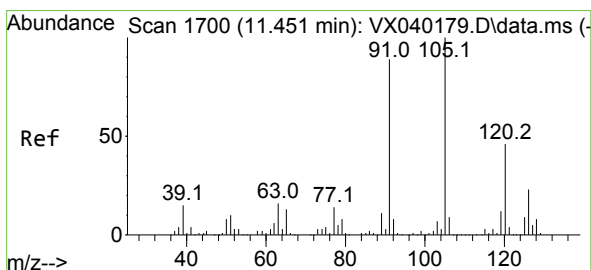
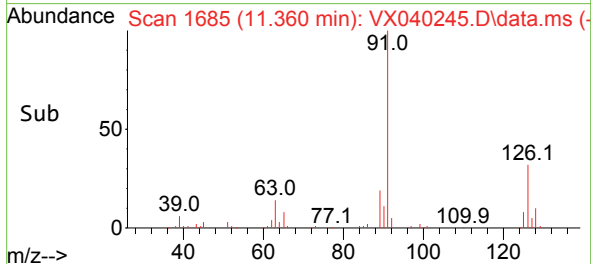
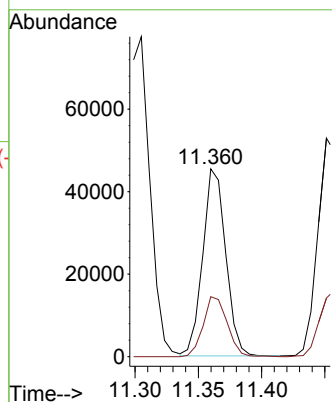
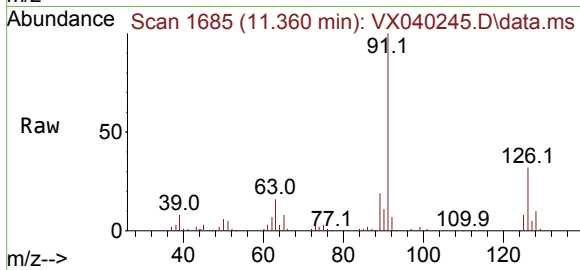
VX0215WBSD01

Tgt Ion: 91 Resp: 57411

Ion Ratio Lower Upper

91 100

126 33.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.929 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040245.D

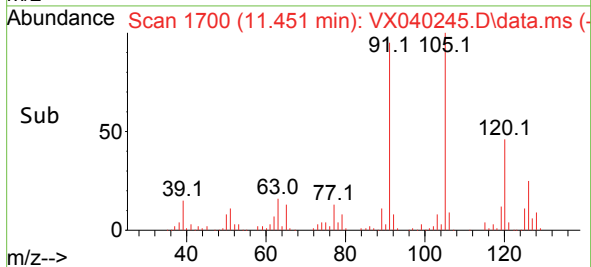
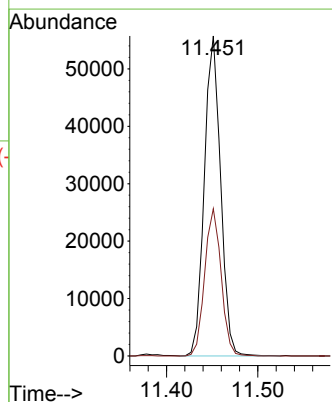
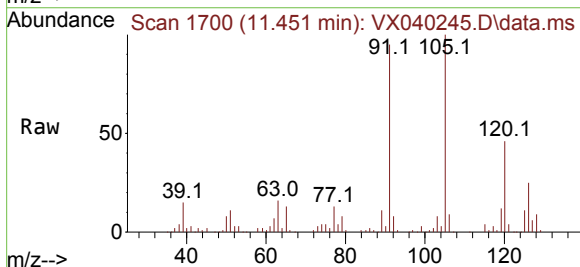
Acq: 15 Feb 2024 12:34

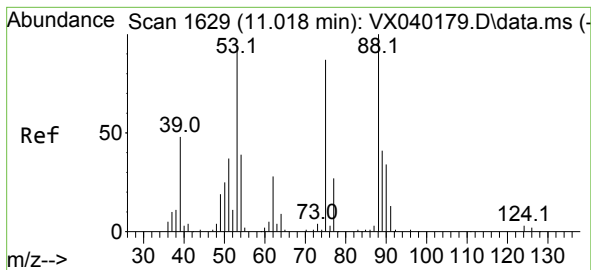
Tgt Ion:105 Resp: 68816

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.3

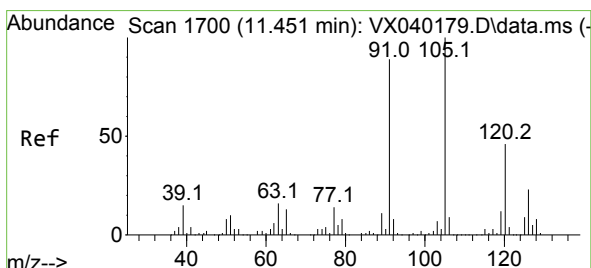
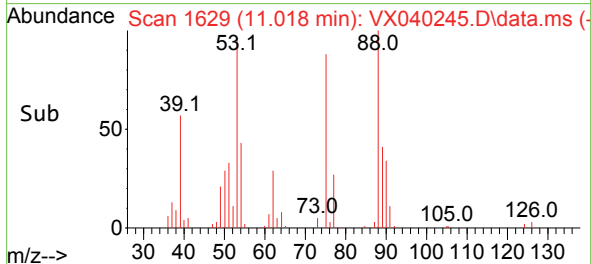
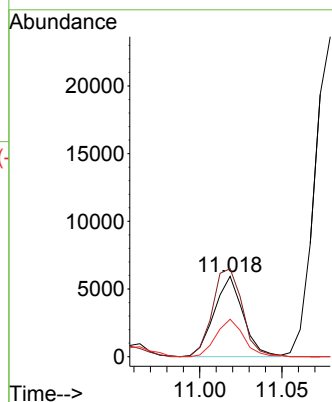
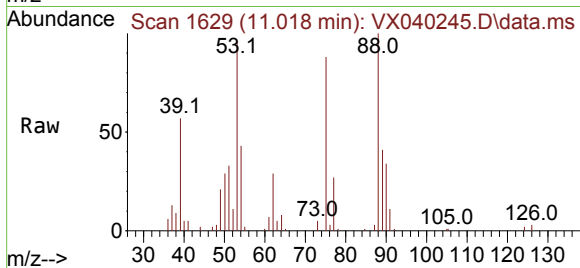




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.697 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

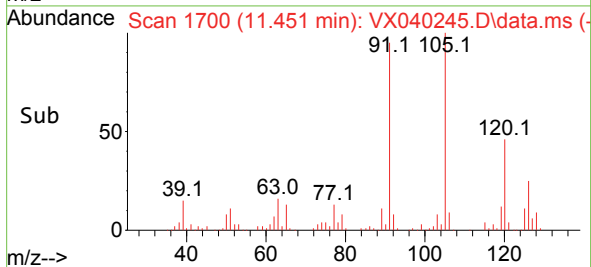
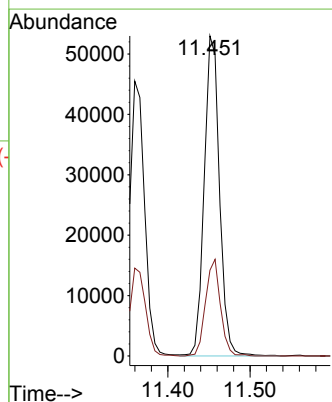
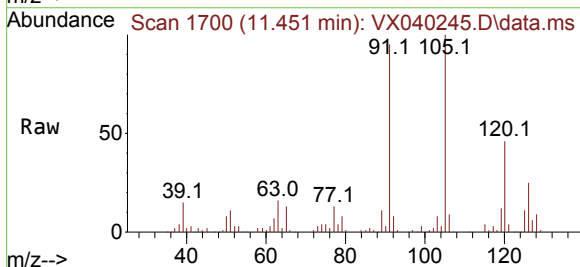
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

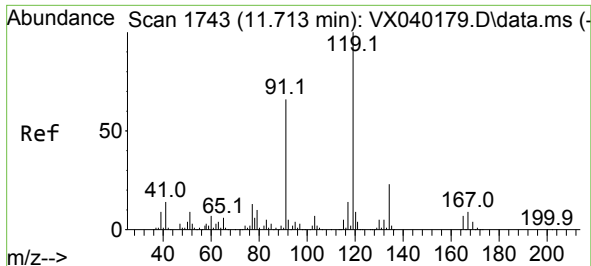
Tgt Ion: 75 Resp: 7299  
Ion Ratio Lower Upper  
75 100  
53 113.0 90.5 135.7  
89 44.3 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.267 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 91 Resp: 68452  
Ion Ratio Lower Upper  
91 100  
126 29.4 14.2 42.6

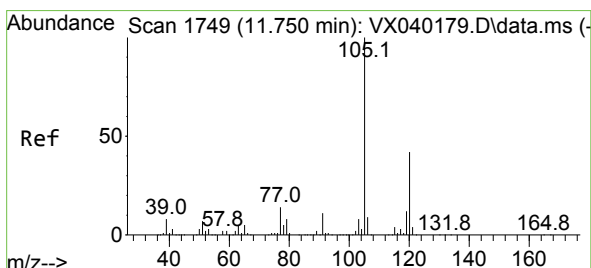
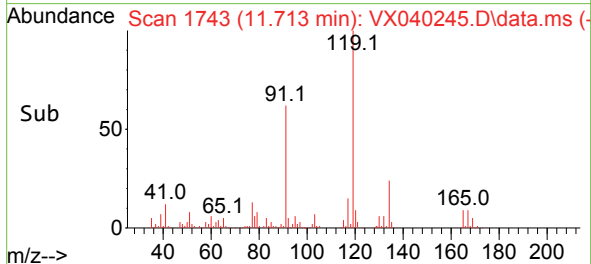
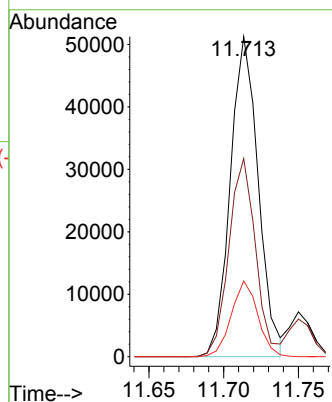
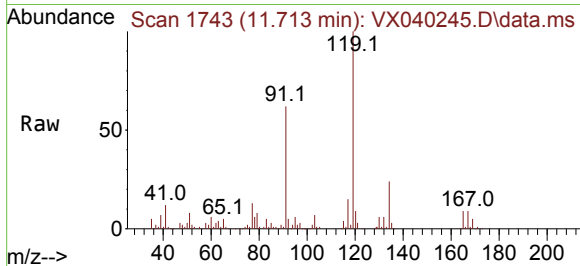




#83  
 tert-Butylbenzene  
 Concen: 19.667 ug/l  
 RT: 11.713 min Scan# 1743  
 Delta R.T. 0.000 min  
 Lab File: VX040245.D  
 Acq: 15 Feb 2024 12:34

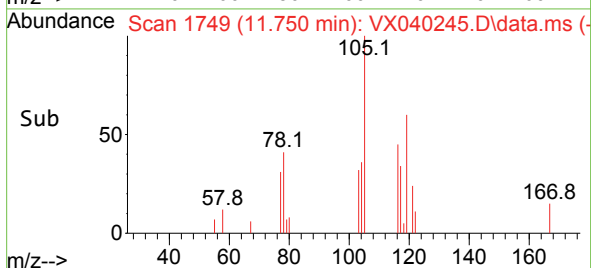
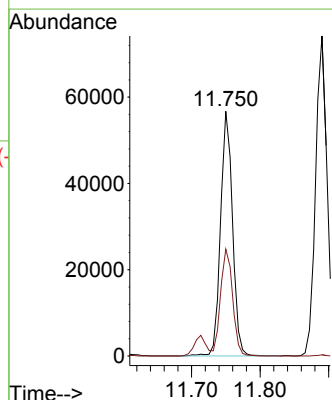
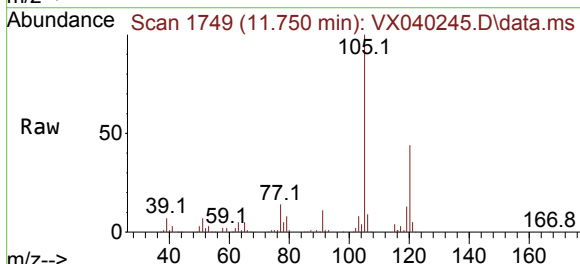
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

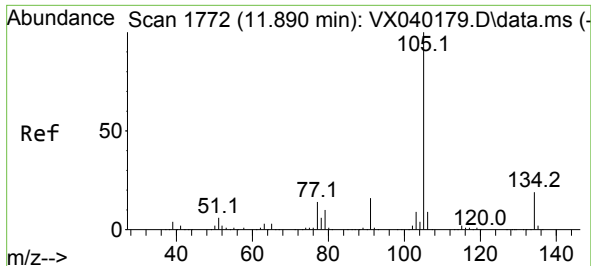
Tgt Ion:119 Resp: 66579  
 Ion Ratio Lower Upper  
 119 100  
 91 59.5 31.2 93.6  
 134 22.5 11.7 35.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.576 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. 0.000 min  
 Lab File: VX040245.D  
 Acq: 15 Feb 2024 12:34

Tgt Ion:105 Resp: 68387  
 Ion Ratio Lower Upper  
 105 100  
 120 43.7 21.2 63.6

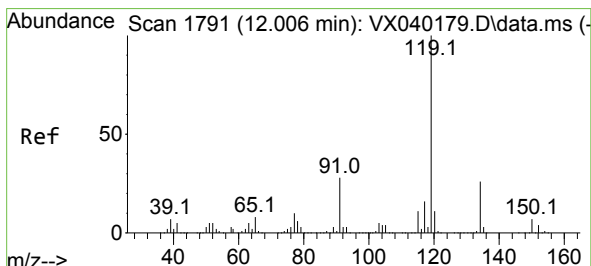
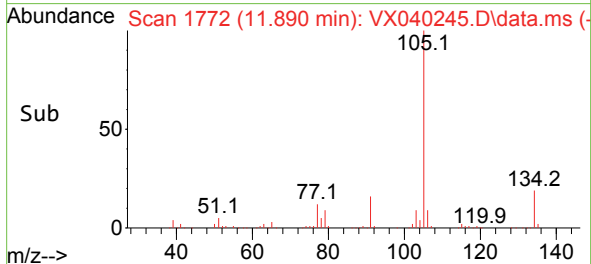
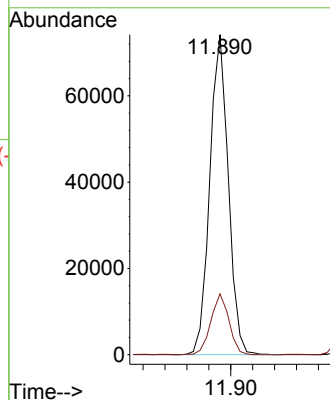
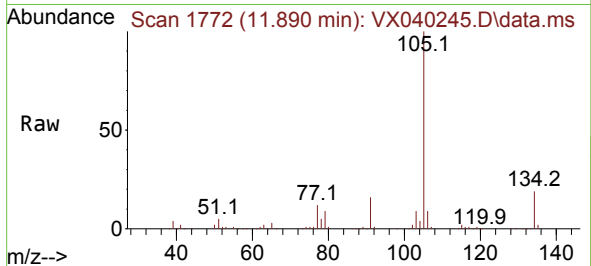




#85  
sec-Butylbenzene  
Concen: 19.957 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

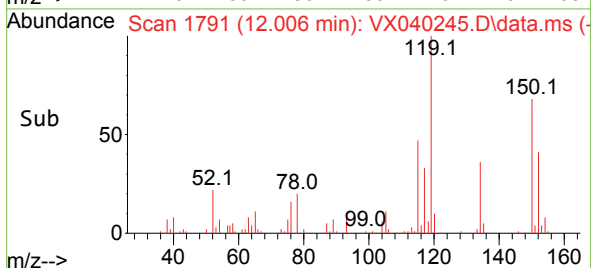
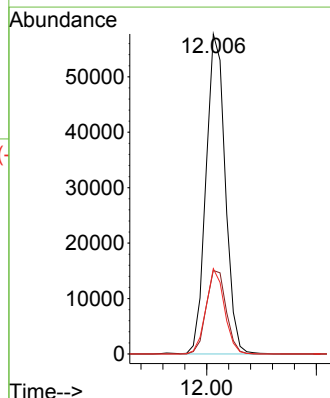
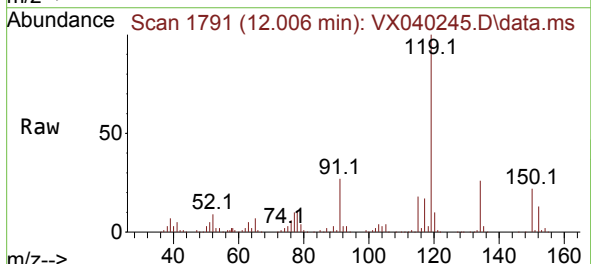
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

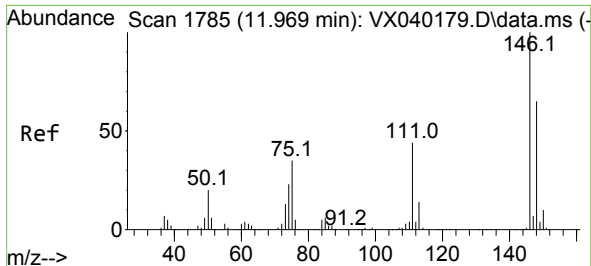
Tgt Ion:105 Resp: 86830  
Ion Ratio Lower Upper  
105 100  
134 18.6 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 19.701 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion:119 Resp: 70262  
Ion Ratio Lower Upper  
119 100  
134 27.0 12.8 38.3  
91 25.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.239 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

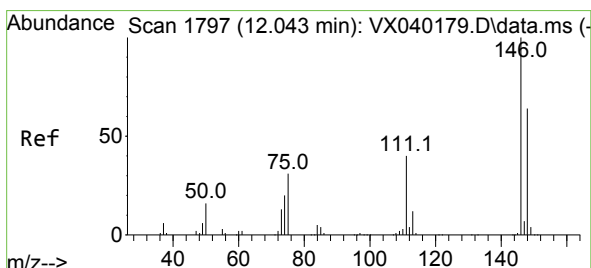
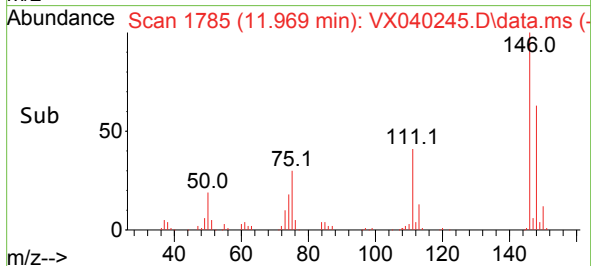
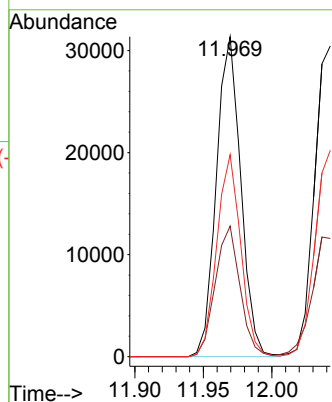
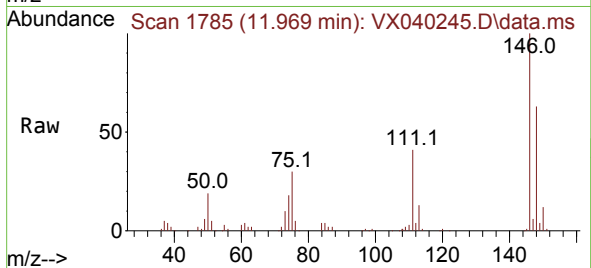
Tgt Ion:146 Resp: 38848

Ion Ratio Lower Upper

146 100

111 41.5 22.1 66.1

148 61.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.240 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

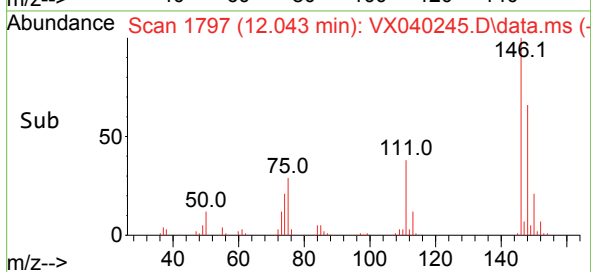
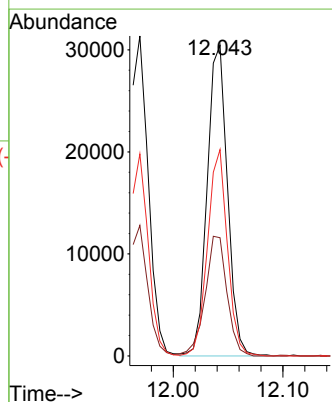
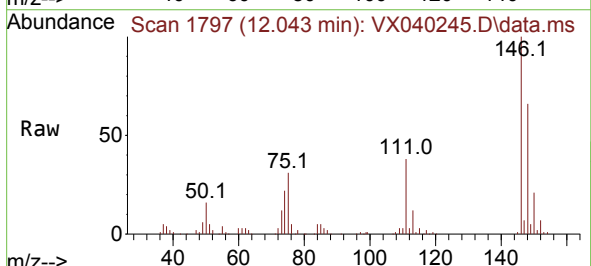
Tgt Ion:146 Resp: 39106

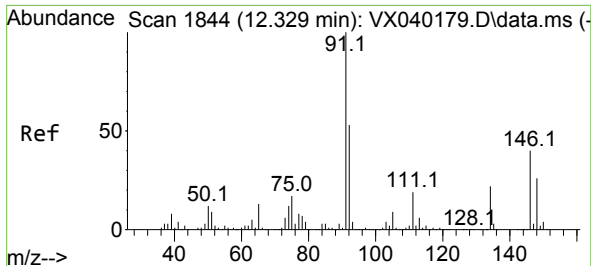
Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

148 65.2 31.8 95.4

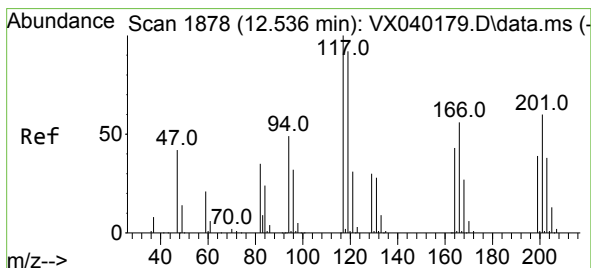
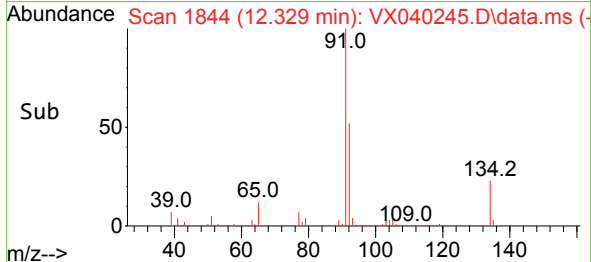
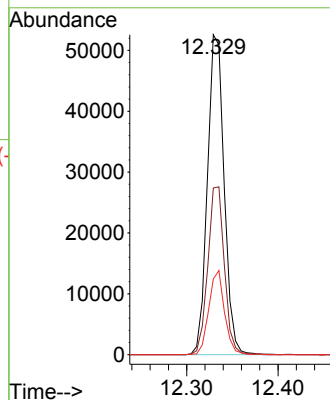
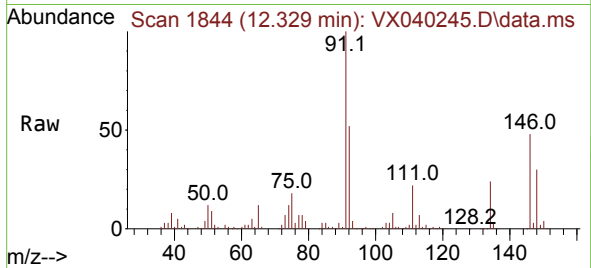




#89  
n-Butylbenzene  
Concen: 19.451 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

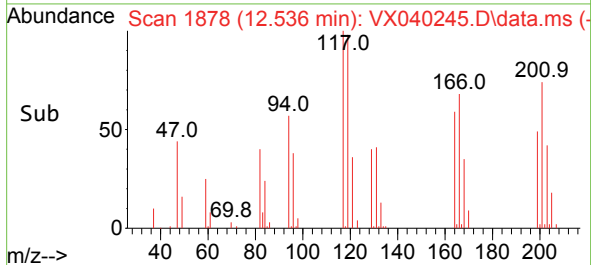
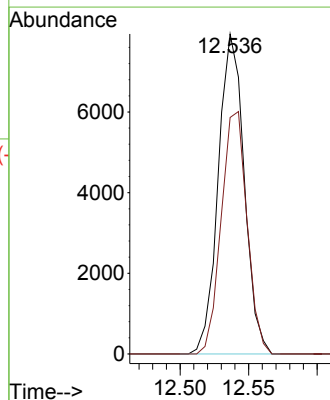
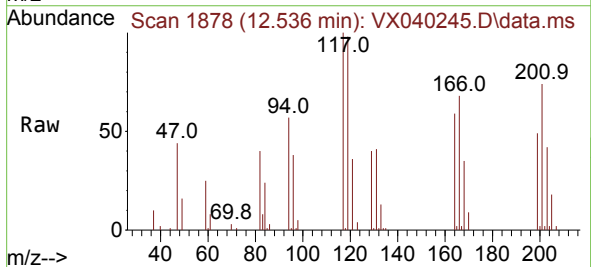
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

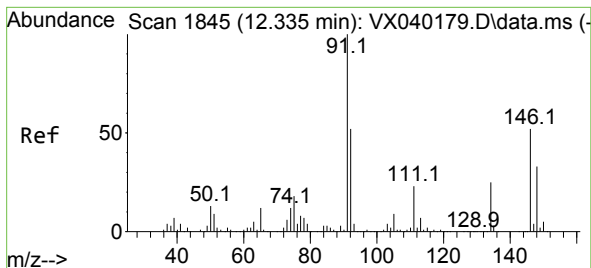
Tgt Ion: 91 Resp: 66964  
Ion Ratio Lower Upper  
91 100  
92 51.9 27.4 82.0  
134 24.7 12.6 37.8



#90  
Hexachloroethane  
Concen: 18.544 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Tgt Ion: 117 Resp: 10432  
Ion Ratio Lower Upper  
117 100  
201 75.3 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 20.418 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

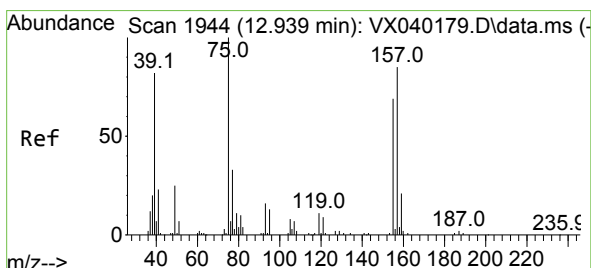
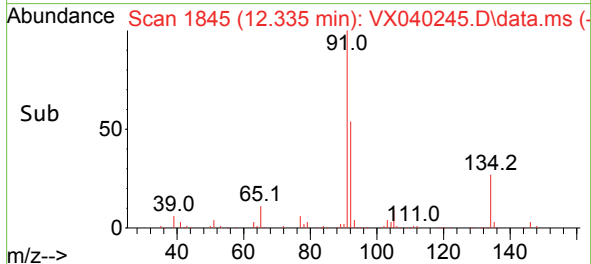
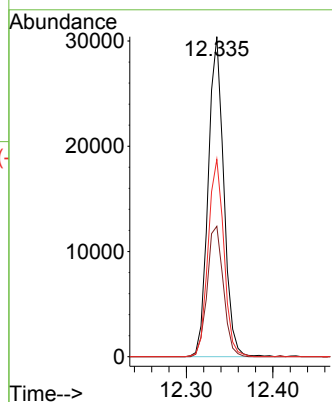
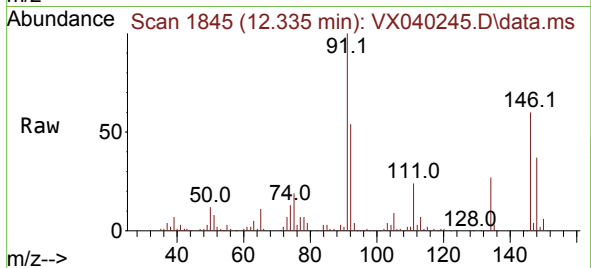
Tgt Ion:146 Resp: 37940

Ion Ratio Lower Upper

146 100

111 42.4 22.4 67.0

148 62.4 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.176 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

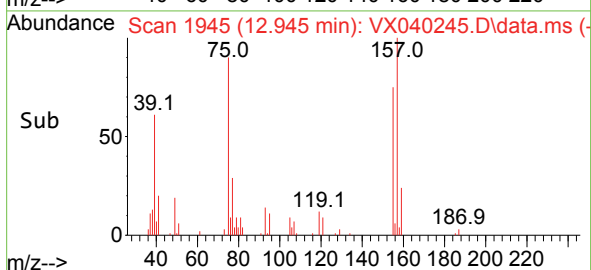
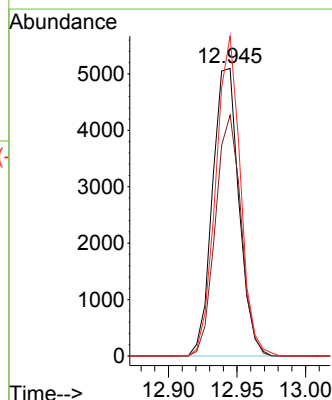
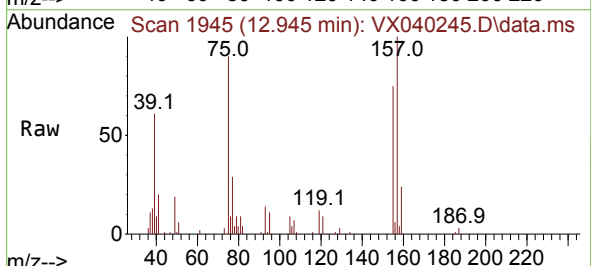
Tgt Ion: 75 Resp: 6862

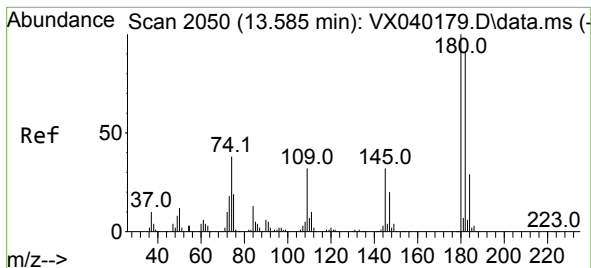
Ion Ratio Lower Upper

75 100

155 80.6 36.1 108.5

157 103.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.617 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

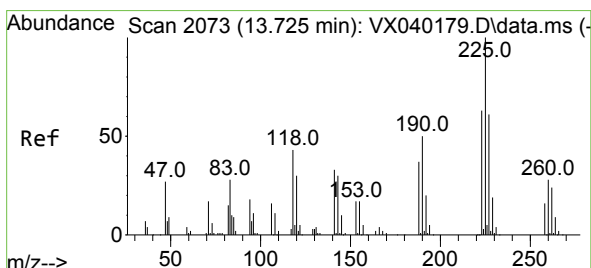
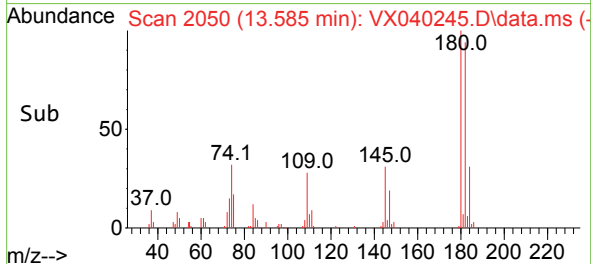
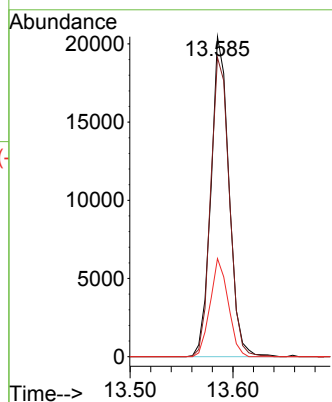
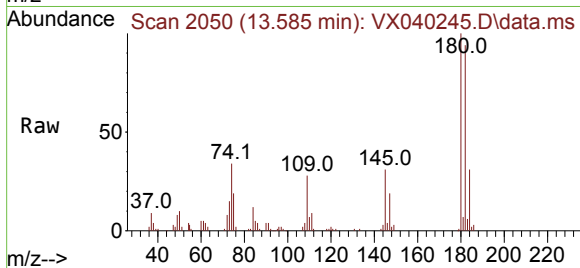
Tgt Ion:180 Resp: 24955

Ion Ratio Lower Upper

180 100

182 96.2 48.3 144.8

145 30.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 18.707 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040245.D

Acq: 15 Feb 2024 12:34

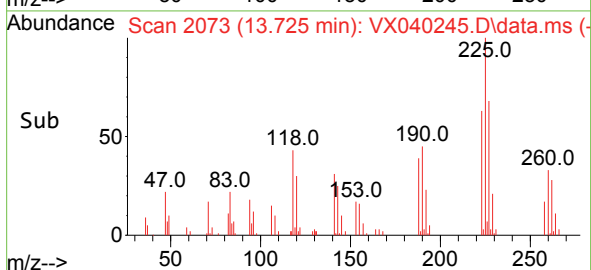
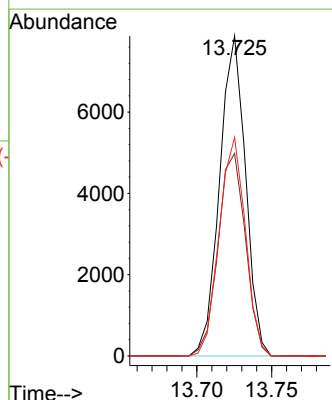
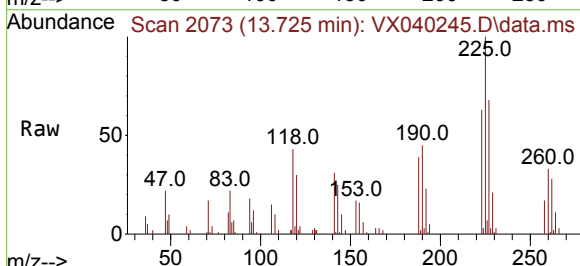
Tgt Ion:225 Resp: 9498

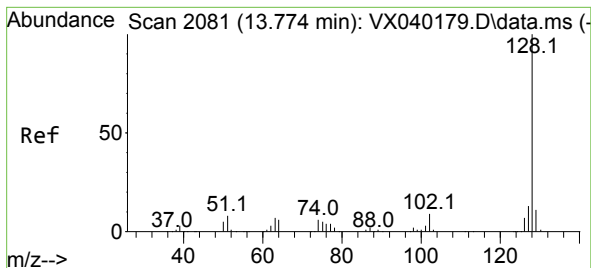
Ion Ratio Lower Upper

225 100

223 66.8 31.1 93.2

227 69.2 32.5 97.5

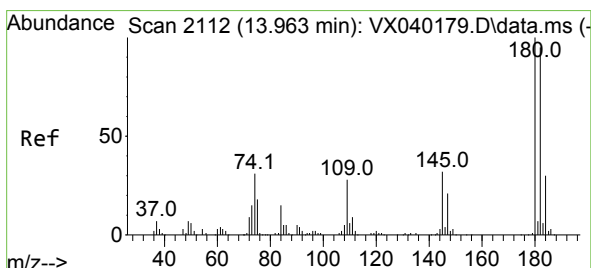
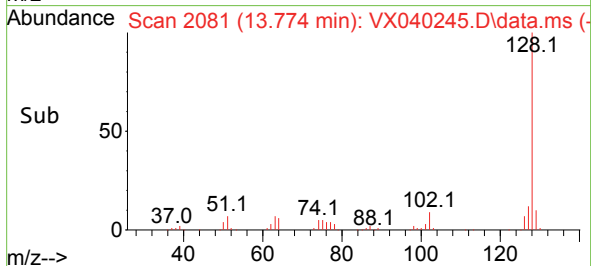
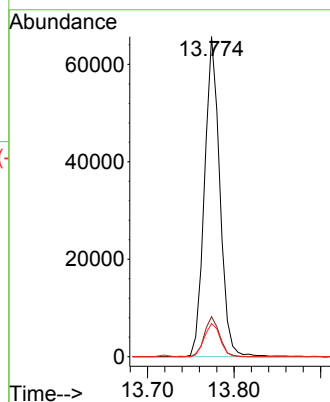
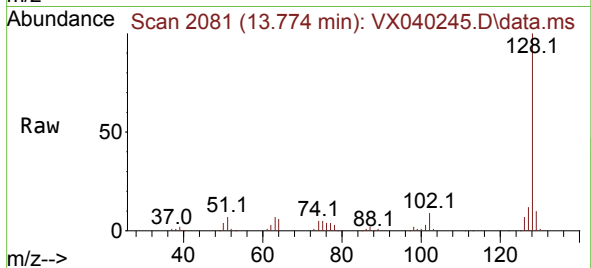




#95  
Naphthalene  
Concen: 20.037 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 80504 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.4  | 10.3  | 15.5  |
| 129      | 10.8  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.664 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: VX040245.D  
Acq: 15 Feb 2024 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 23844 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 98.8  | 46.9  | 140.6 |
| 145      | 35.0  | 17.8  | 53.5  |

