

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022624\  
 Data File : VX040452.D  
 Acq On : 26 Feb 2024 11:16  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Quant Time: Feb 27 04:53:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022624W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 27 04:43:02 2024  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min)  |
|------------------------------|-----------|-------|----------|----------|--------|-----------|
| -----                        |           |       |          |          |        |           |
| Internal Standards           |           |       |          |          |        |           |
| 1) Pentafluorobenzene        | 5.550     | 168   | 90055    | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene      | 6.757     | 114   | 152210   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 144952   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 75582    | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds  |           |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4    | 5.952     | 65    | 148851   | 98.824   | ug/l   | 0.00      |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | =      | 197.640%# |
| 35) Dibromofluoromethane     | 5.385     | 113   | 107371   | 101.441  | ug/l   | 0.00      |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =      | 202.880%# |
| 50) Toluene-d8               | 8.647     | 98    | 396685   | 103.248  | ug/l   | 0.00      |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | =      | 206.500%# |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 155667   | 106.289  | ug/l   | 0.00      |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =      | 212.580%# |
| Target Compounds             |           |       |          |          |        | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.166     | 85    | 111856   | 99.807   | ug/l   | 98        |
| 3) Chloromethane             | 1.294     | 50    | 108714   | 97.798   | ug/l   | 99        |
| 4) Vinyl Chloride            | 1.374     | 62    | 116418   | 96.847   | ug/l   | 99        |
| 5) Bromomethane              | 1.599     | 94    | 58518    | 87.599   | ug/l   | 95        |
| 6) Chloroethane              | 1.672     | 64    | 68237    | 89.698   | ug/l   | 94        |
| 7) Trichlorofluoromethane    | 1.880     | 101   | 189338   | 99.728   | ug/l   | 100       |
| 8) Diethyl Ether             | 2.130     | 74    | 67200    | 101.263  | ug/l   | 93        |
| 9) 1,1,2-Trichlorotrifluo... | 2.325     | 101   | 101057   | 98.887   | ug/l   | 99        |
| 10) Methyl Iodide            | 2.453     | 142   | 115422   | 101.980  | ug/l   | 97        |
| 11) Tert butyl alcohol       | 2.971     | 59    | 136007   | 537.144  | ug/l # | 91        |
| 12) 1,1-Dichloroethene       | 2.319     | 96    | 97549    | 95.075   | ug/l   | 96        |
| 13) Acrolein                 | 2.233     | 56    | 86594    | 533.428  | ug/l   | 99        |
| 14) Allyl chloride           | 2.660     | 41    | 181740   | 101.247  | ug/l   | 94        |
| 15) Acrylonitrile            | 3.062     | 53    | 315777   | 497.178  | ug/l   | 98        |
| 16) Acetone                  | 2.380     | 43    | 253124   | 515.313  | ug/l   | 99        |
| 17) Carbon Disulfide         | 2.508     | 76    | 274755   | 96.702   | ug/l   | 99        |
| 18) Methyl Acetate           | 2.703     | 43    | 156816   | 103.553  | ug/l   | 98        |
| 19) Methyl tert-butyl Ether  | 3.111     | 73    | 357129   | 102.046  | ug/l   | 98        |
| 20) Methylene Chloride       | 2.788     | 84    | 114461   | 97.374   | ug/l   | 98        |
| 21) trans-1,2-Dichloroethene | 3.087     | 96    | 106097   | 96.962   | ug/l   | 98        |
| 22) Diisopropyl ether        | 3.757     | 45    | 361129   | 100.114  | ug/l   | 99        |
| 23) Vinyl Acetate            | 3.721     | 43    | 1711619  | 518.001  | ug/l   | 100       |
| 24) 1,1-Dichloroethane       | 3.605     | 63    | 207731   | 98.755   | ug/l   | 99        |
| 25) 2-Butanone               | 4.556     | 43    | 438163   | 511.977  | ug/l   | 99        |
| 26) 2,2-Dichloropropane      | 4.477     | 77    | 173290   | 103.470  | ug/l   | 99        |
| 27) cis-1,2-Dichloroethene   | 4.483     | 96    | 124832   | 97.517   | ug/l   | 100       |
| 28) Bromochloromethane       | 4.897     | 49    | 90949    | 103.362  | ug/l   | 99        |
| 29) Tetrahydrofuran          | 4.995     | 42    | 300921   | 504.023  | ug/l   | 98        |
| 30) Chloroform               | 5.086     | 83    | 223252   | 99.990   | ug/l   | 100       |
| 31) Cyclohexane              | 5.464     | 56    | 172490   | 101.080  | ug/l   | 98        |
| 32) 1,1,1-Trichloroethane    | 5.385     | 97    | 196840   | 103.291  | ug/l   | 99        |
| 36) 1,1-Dichloropropene      | 5.690     | 75    | 161058   | 98.763   | ug/l   | 99        |
| 37) Ethyl Acetate            | 4.715     | 43    | 179749   | 100.716  | ug/l   | 99        |
| 38) Carbon Tetrachloride     | 5.678     | 117   | 165319   | 104.938  | ug/l   | 97        |
| 39) Methylcyclohexane        | 7.379     | 83    | 183333   | 104.128  | ug/l   | 100       |
| 40) Benzene                  | 6.037     | 78    | 446723   | 101.180  | ug/l   | 98        |

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 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Quant Time: Feb 27 04:53:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022624W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 27 04:43:02 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 98791    | 99.098   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 190108   | 104.033  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 297389   | 106.195  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 118269   | 99.604   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 119167   | 100.850  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 89931    | 103.520  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.818  | 83   | 178472   | 104.341  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 153752   | 109.847  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 57457    | 2169.988 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 969788   | 523.777  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 284863   | 105.130  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 195112   | 112.400  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 198955   | 106.629  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 120393   | 107.065  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 197872   | 113.810  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 203519   | 103.912  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 501579   | 550.218  | ug/l   | 97       |
| 59) 2-Hexanone                | 9.433  | 43   | 765870   | 538.007  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 132652   | 108.608  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 131159   | 106.890  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 98669    | 96.958   | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 310106   | 100.580  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 115888   | 106.656  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 578927   | 102.578  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 429614   | 203.847  | ug/l   | 96       |
| 69) o-Xylene                  | 10.640 | 106  | 208872   | 103.623  | ug/l   | 93       |
| 70) Styrene                   | 10.652 | 104  | 358194   | 106.597  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 100374   | 112.852  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 565868   | 101.660  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 287866   | 111.351  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 201119   | 99.909   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 227343   | 136.671  | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 134078   | 101.871  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 700087   | 101.398  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 408969   | 98.396   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 486706   | 102.813  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 60206    | 102.392  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 484220   | 100.746  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 464257   | 104.023  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 491028   | 104.544  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 607561   | 103.623  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 501073   | 103.680  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 259398   | 98.876   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 261309   | 97.845   | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.329 | 91   | 492309   | 103.540  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 88090    | 109.516  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 248529   | 99.411   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 48774    | 103.929  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 163642   | 100.297  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 66061    | 99.070   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 550125   | 105.511  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 158209   | 102.008  | ug/l   | 98       |

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Operator : JC/MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

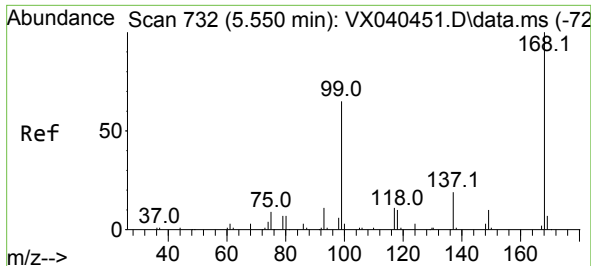
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

Quant Time: Feb 27 04:53:36 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022624W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 27 04:43:02 2024  
Response via : Initial Calibration

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

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

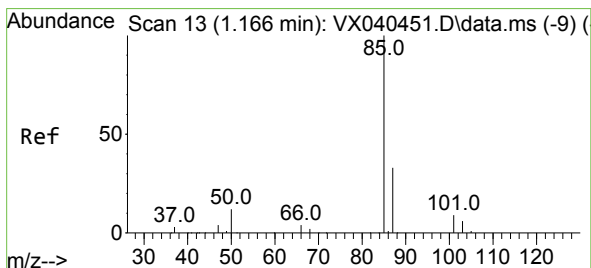
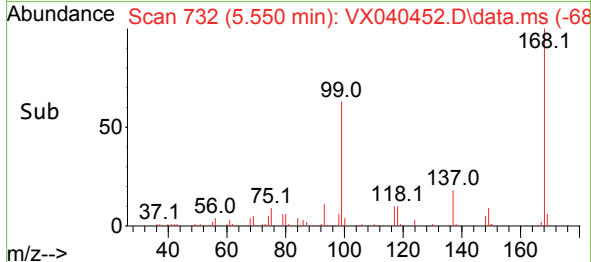
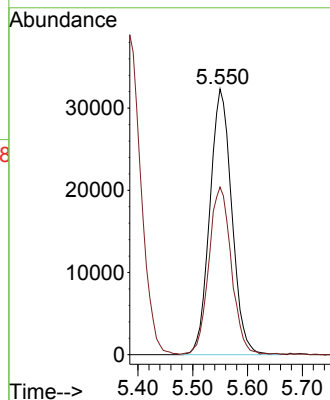
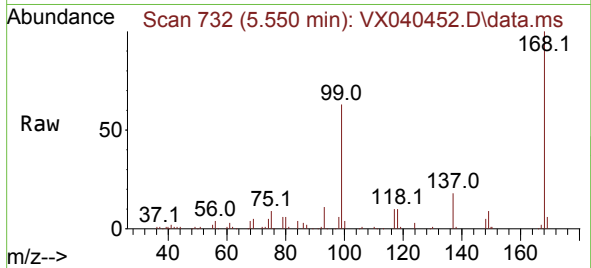




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

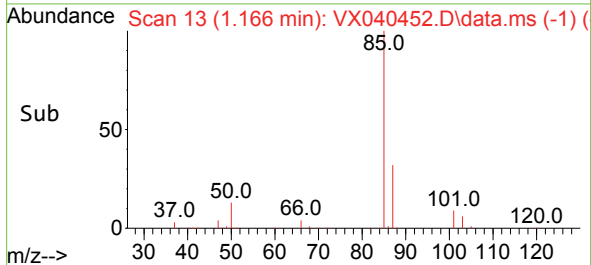
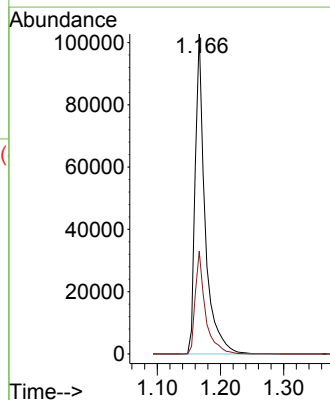
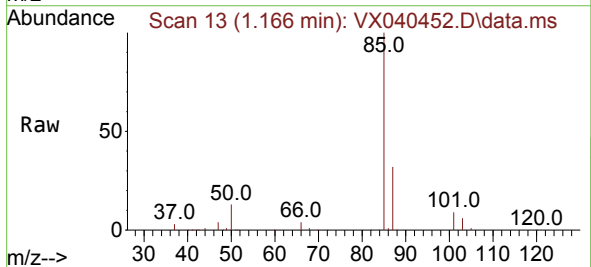
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

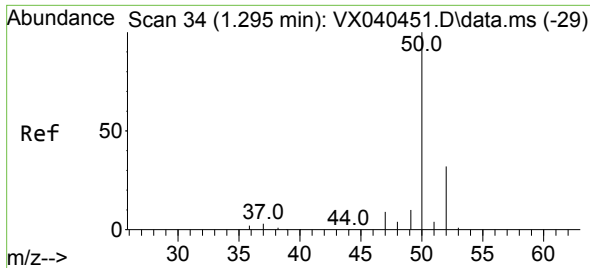
Tgt Ion:168 Resp: 90055  
Ion Ratio Lower Upper  
168 100  
99 62.9 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 99.807 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 85 Resp: 111856  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.7 50.1

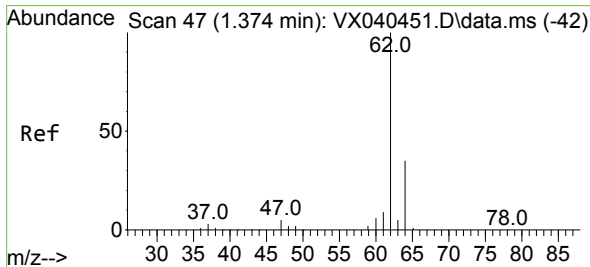
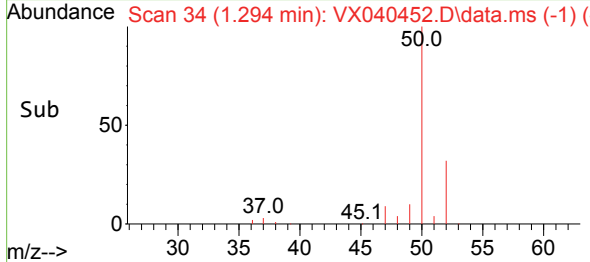
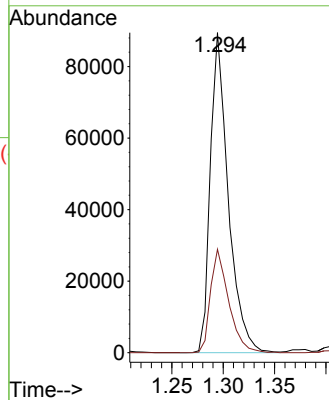
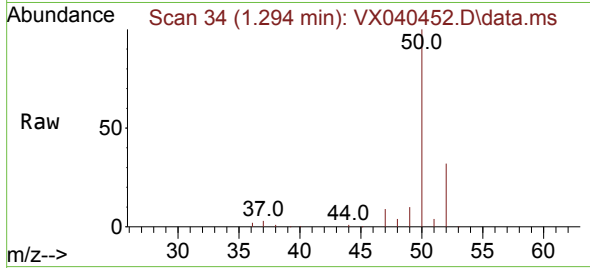




#3  
Chloromethane  
Concen: 97.798 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

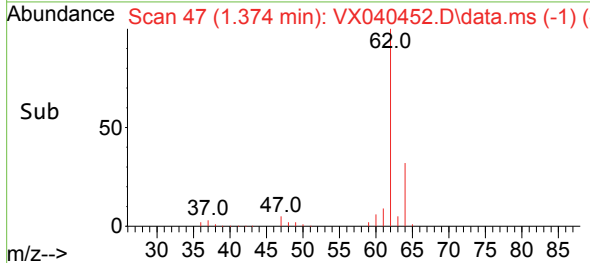
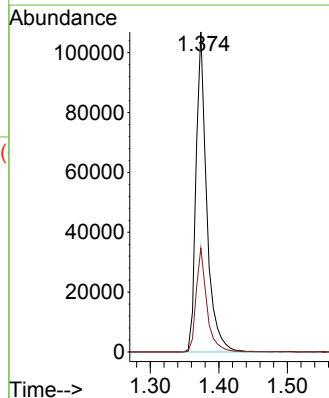
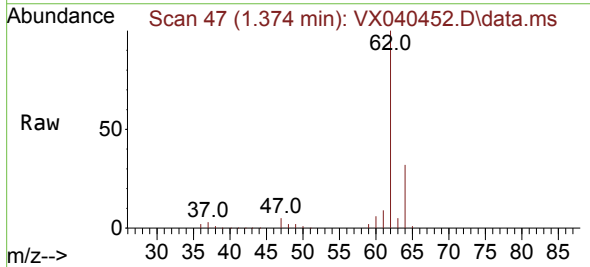
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

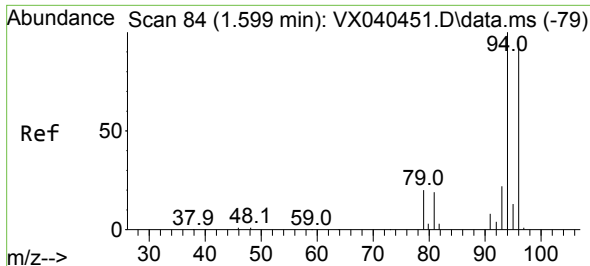
Tgt Ion: 50 Resp: 108714  
Ion Ratio Lower Upper  
50 100  
52 32.3 25.5 38.3



#4  
Vinyl Chloride  
Concen: 96.847 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 62 Resp: 116418  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.4 38.0

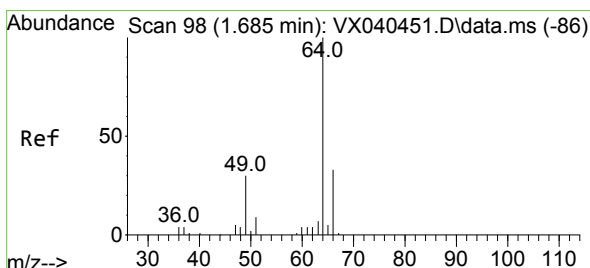
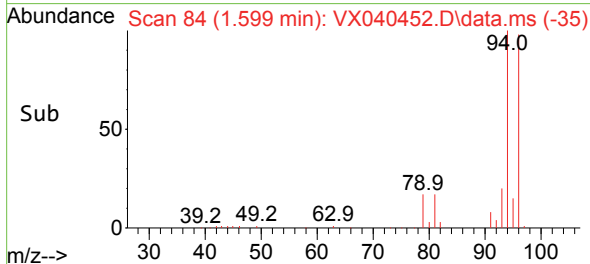
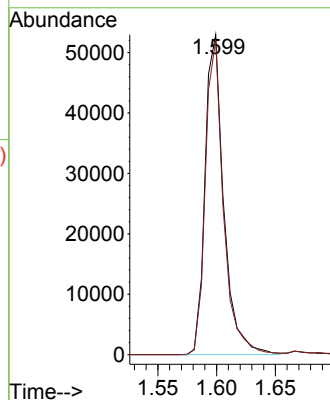
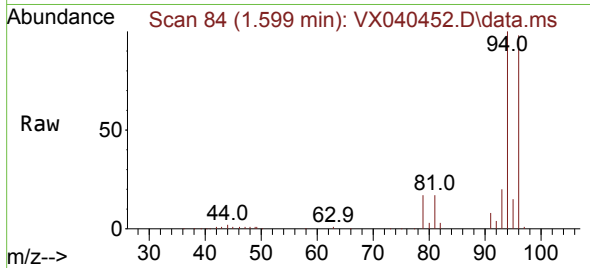




#5  
Bromomethane  
Concen: 87.599 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

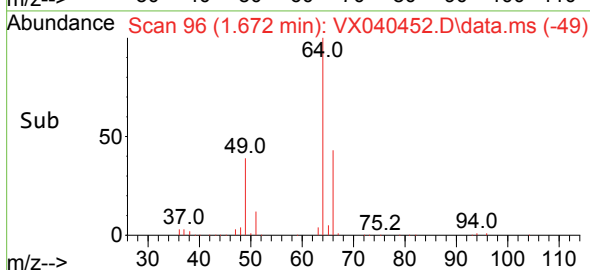
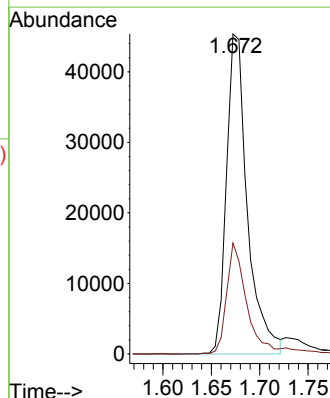
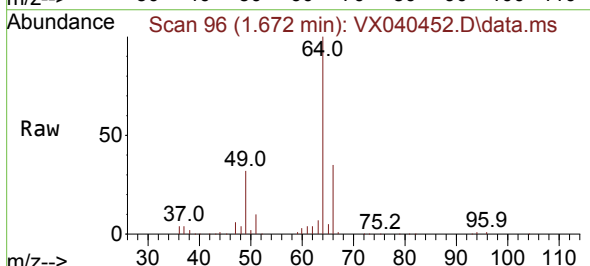
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

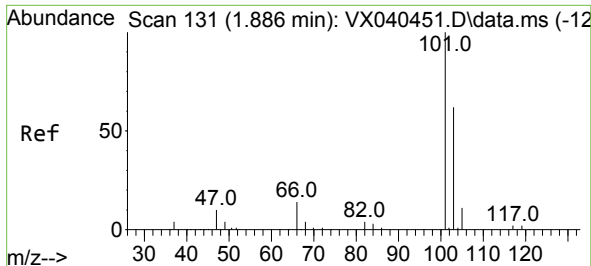
Tgt Ion: 94 Resp: 58518  
Ion Ratio Lower Upper  
94 100  
96 98.3 74.6 111.8



#6  
Chloroethane  
Concen: 89.698 ug/l  
RT: 1.672 min Scan# 96  
Delta R.T. -0.013 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 64 Resp: 68237  
Ion Ratio Lower Upper  
64 100  
66 34.6 25.1 37.7

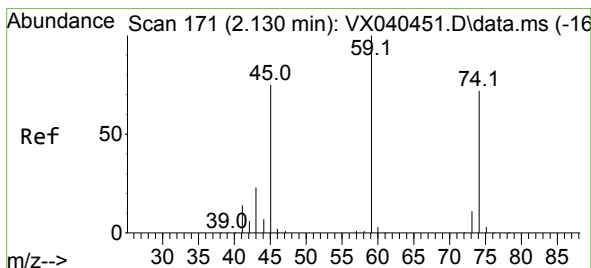
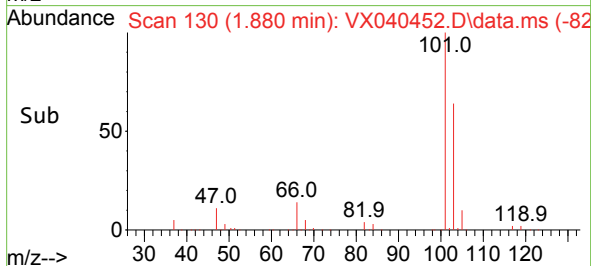
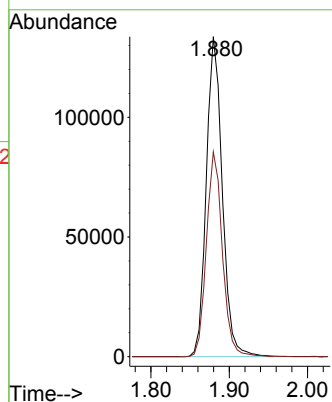
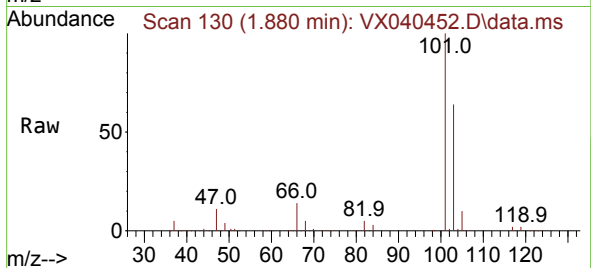




#7  
Trichlorofluoromethane  
Concen: 99.728 ug/l  
RT: 1.880 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

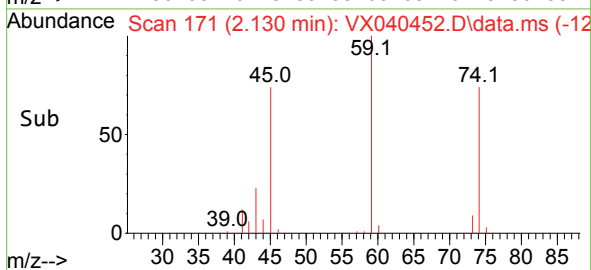
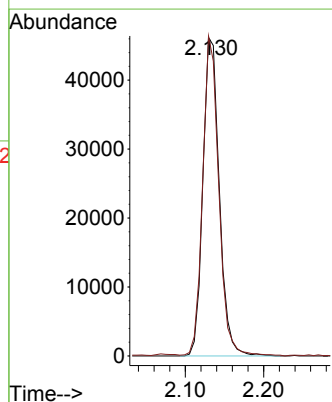
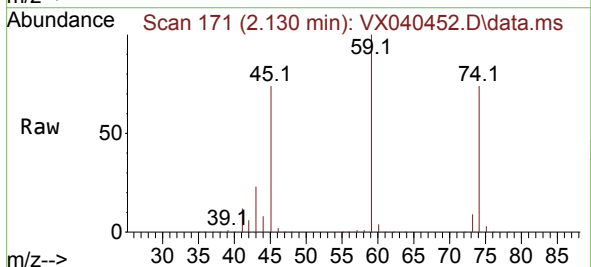
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

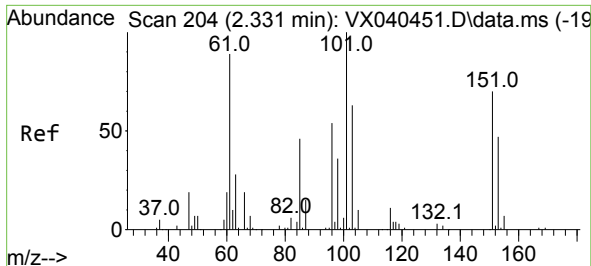
Tgt Ion:101 Resp: 189338  
Ion Ratio Lower Upper  
101 100  
103 64.0 51.4 77.2



#8  
Diethyl Ether  
Concen: 101.263 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 74 Resp: 67200  
Ion Ratio Lower Upper  
74 100  
45 99.0 53.3 159.8

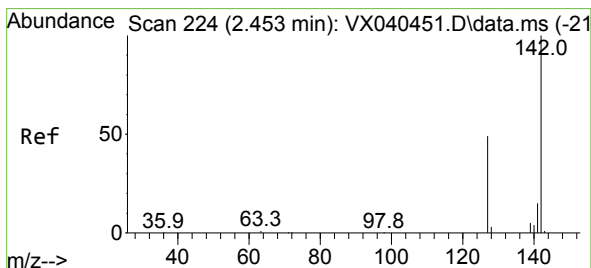
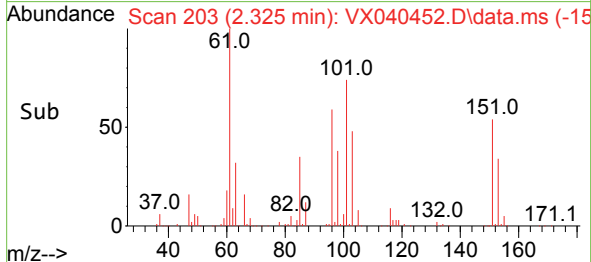
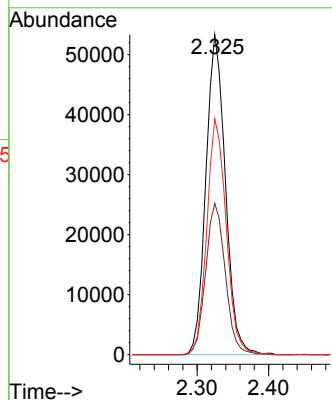
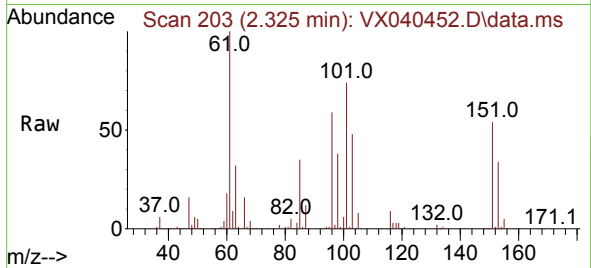




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 98.887 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

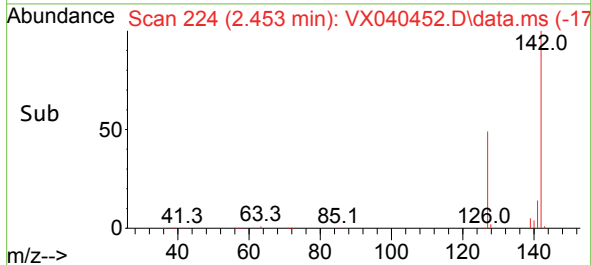
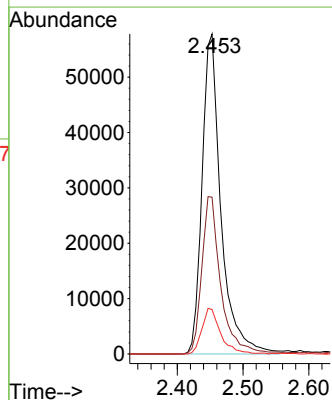
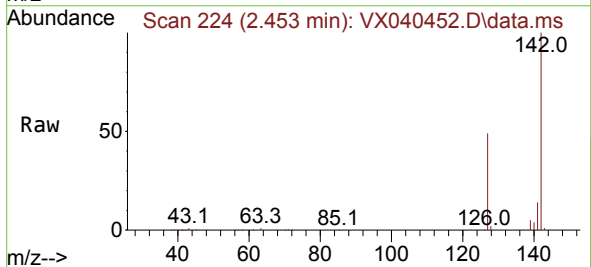
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

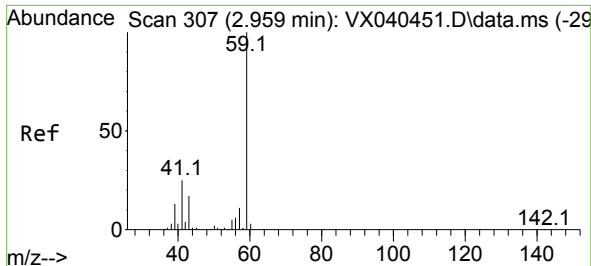
Tgt Ion:101 Resp: 101057  
Ion Ratio Lower Upper  
101 100  
85 47.7 37.0 55.6  
151 73.3 58.6 87.8



#10  
Methyl Iodide  
Concen: 101.980 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion:142 Resp: 115422  
Ion Ratio Lower Upper  
142 100  
127 49.4 41.6 62.4  
141 14.1 11.6 17.4

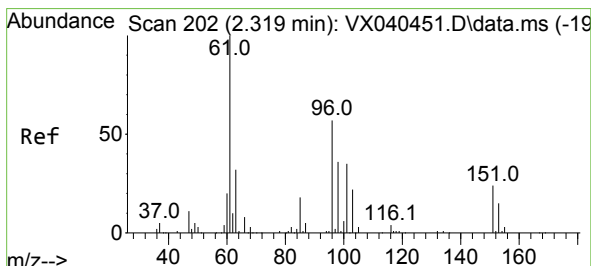
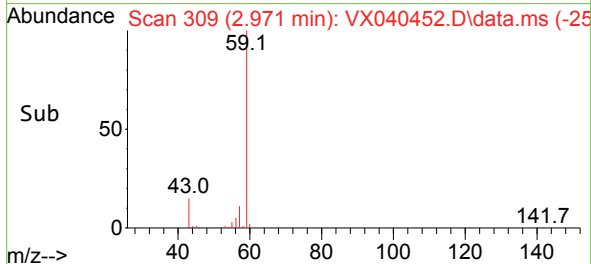
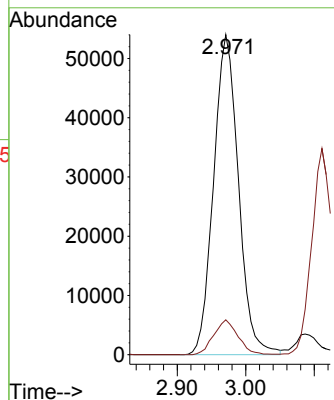
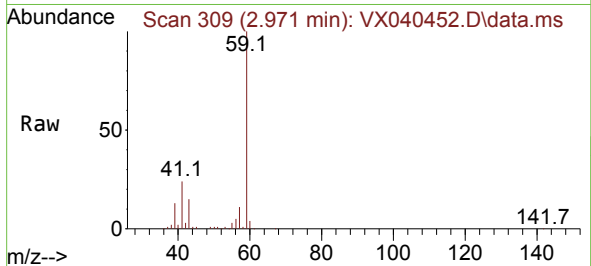




#11  
Tert butyl alcohol  
Concen: 537.144 ug/l  
RT: 2.971 min Scan# 307  
Delta R.T. 0.012 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

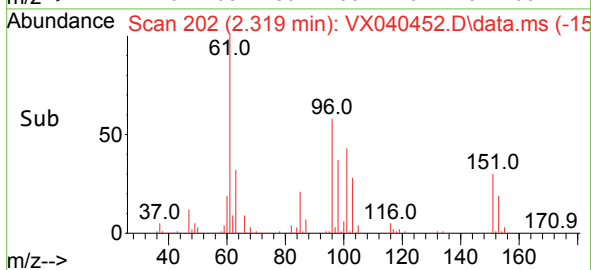
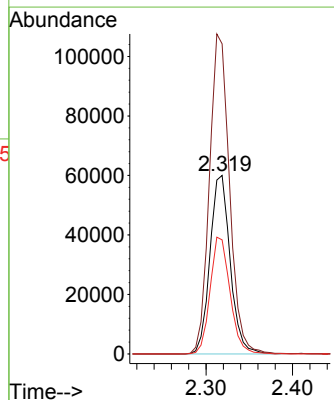
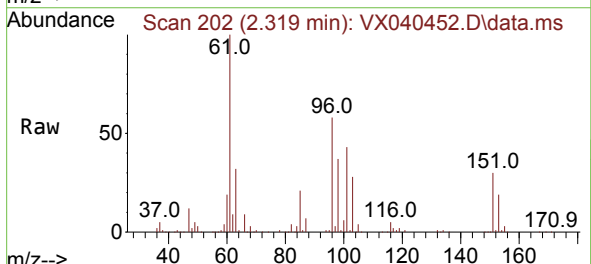
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

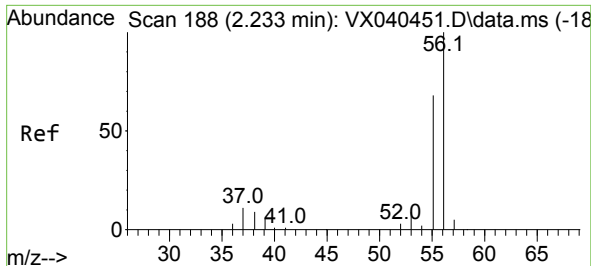
Tgt Ion: 59 Resp: 136007  
Ion Ratio Lower Upper  
59 100  
57 10.6 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 95.075 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 96 Resp: 97549  
Ion Ratio Lower Upper  
96 100  
61 173.7 144.6 216.8  
98 63.9 50.4 75.6





#13

Acrolein

Concen: 533.428 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

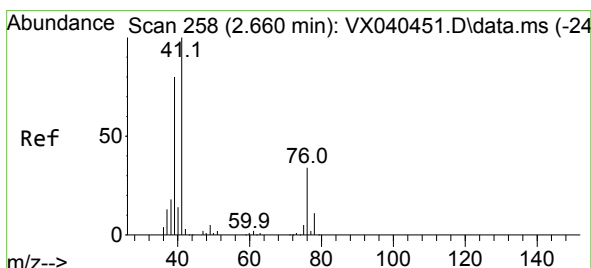
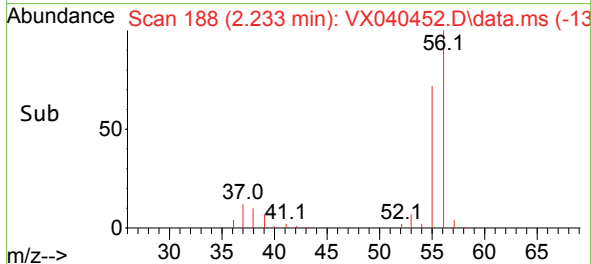
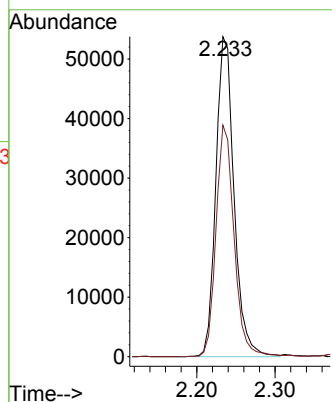
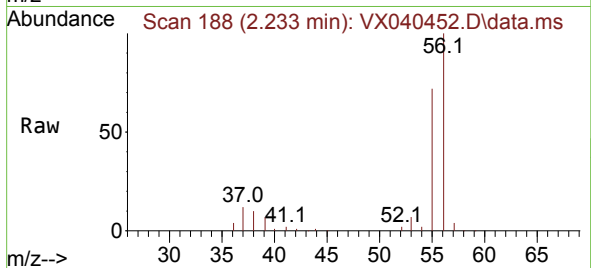
VSTDIC100

Tgt Ion: 56 Resp: 86594

Ion Ratio Lower Upper

56 100

55 72.4 57.1 85.7



#14

Allyl chloride

Concen: 101.247 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

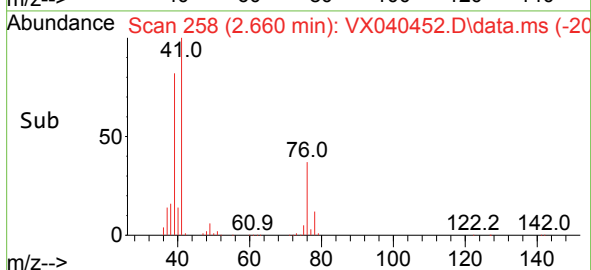
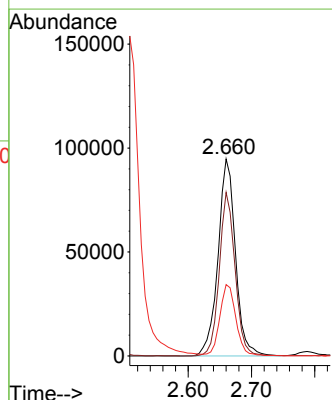
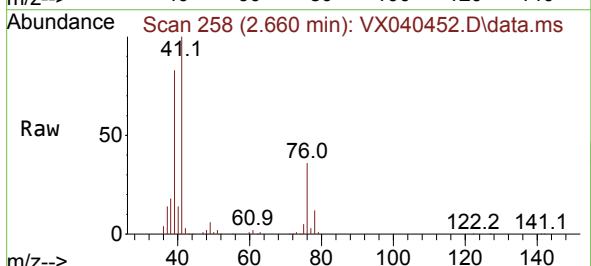
Tgt Ion: 41 Resp: 181740

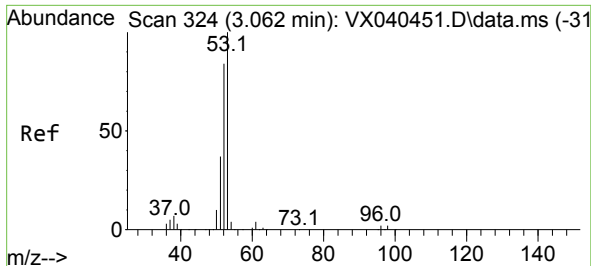
Ion Ratio Lower Upper

41 100

39 75.1 55.8 83.6

76 33.3 24.3 36.5

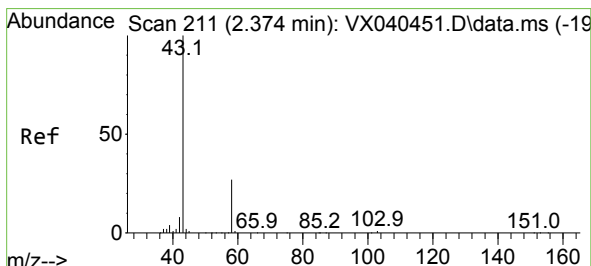
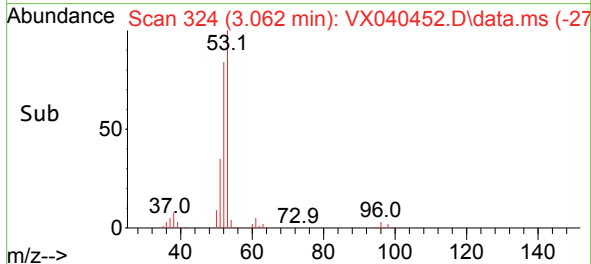
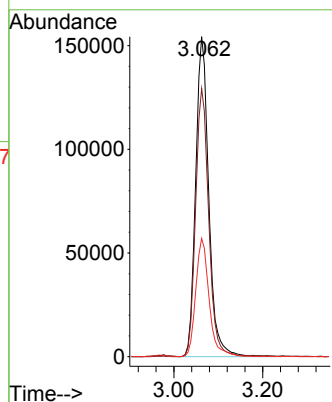
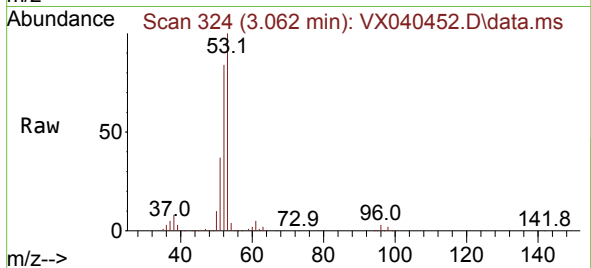




#15  
Acrylonitrile  
Concen: 497.178 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

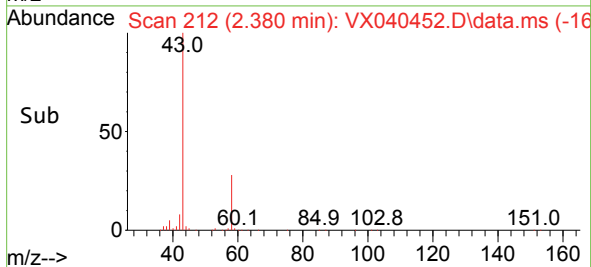
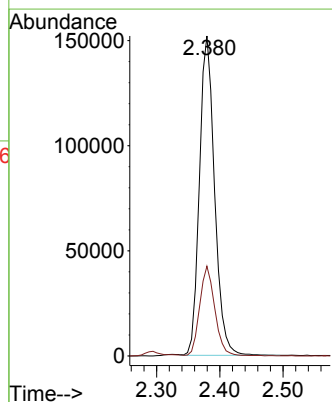
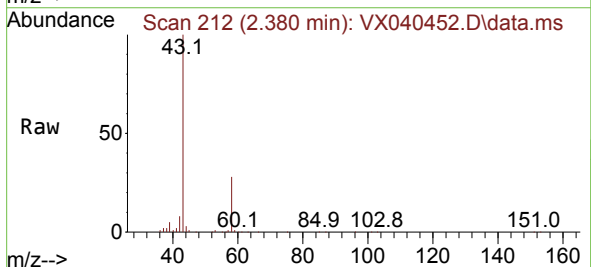
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

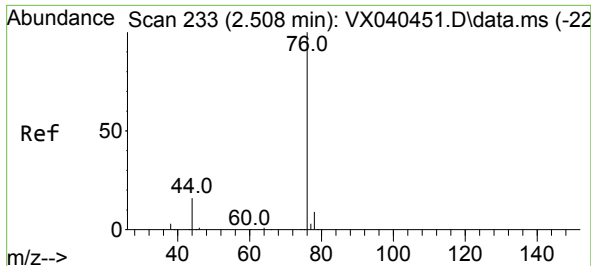
Tgt Ion: 53 Resp: 315777  
Ion Ratio Lower Upper  
53 100  
52 84.2 66.0 99.0  
51 37.6 29.8 44.6



#16  
Acetone  
Concen: 515.313 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 43 Resp: 253124  
Ion Ratio Lower Upper  
43 100  
58 28.0 21.9 32.9

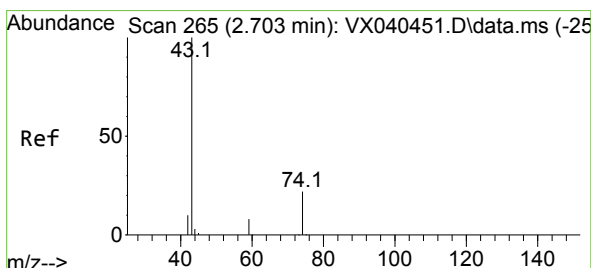
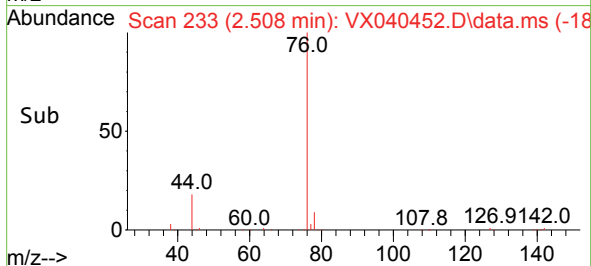
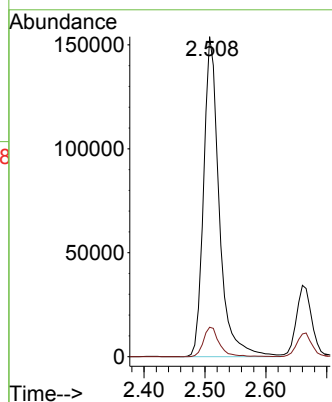
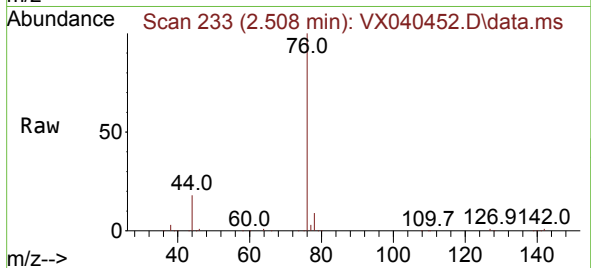




#17  
Carbon Disulfide  
Concen: 96.702 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

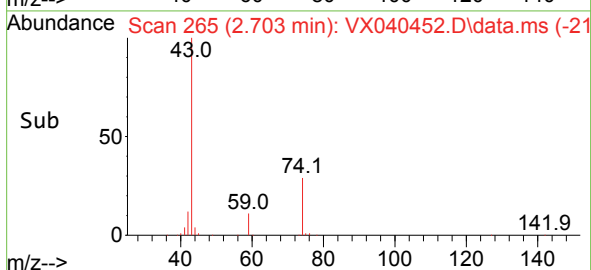
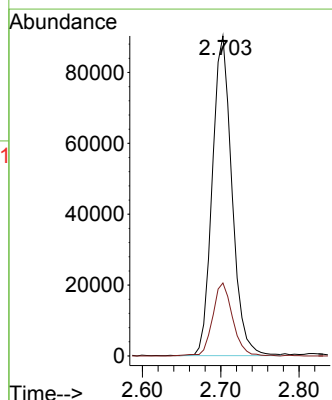
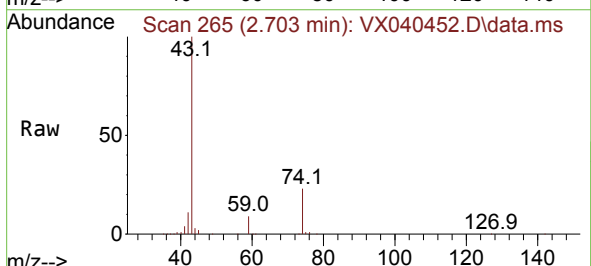
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

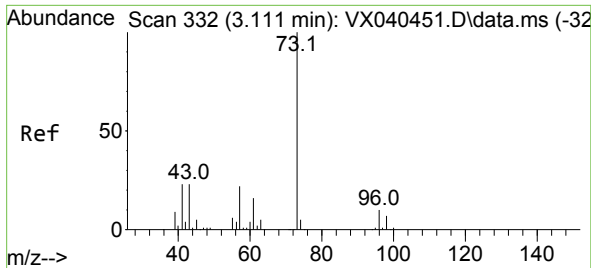
Tgt Ion: 76 Resp: 274755  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 103.553 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 43 Resp: 156816  
Ion Ratio Lower Upper  
43 100  
74 23.3 17.8 26.8

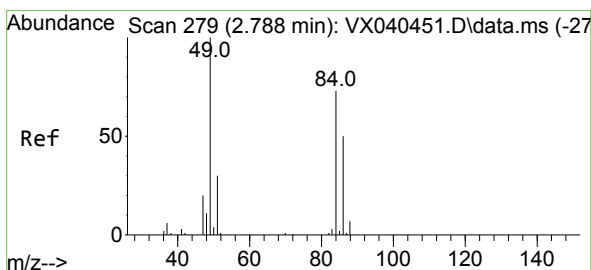
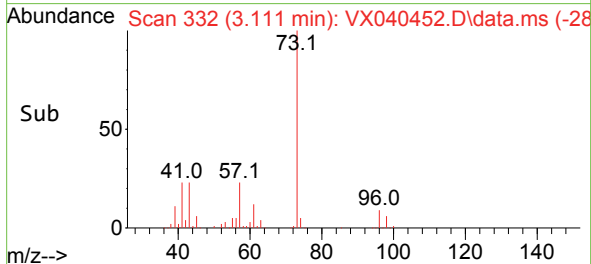
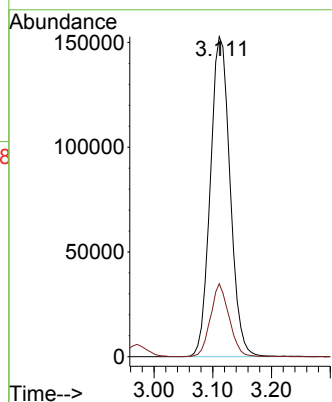
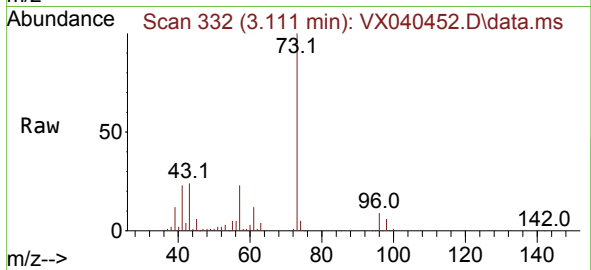




#19  
Methyl tert-butyl Ether  
Concen: 102.046 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

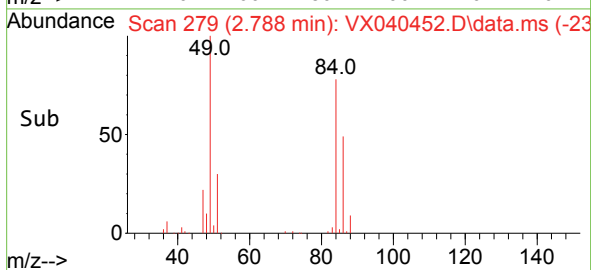
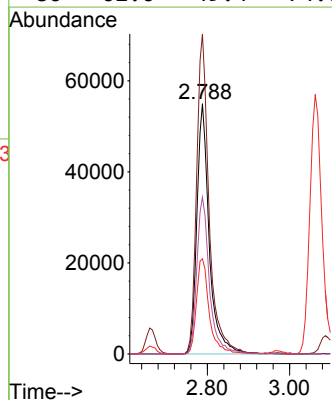
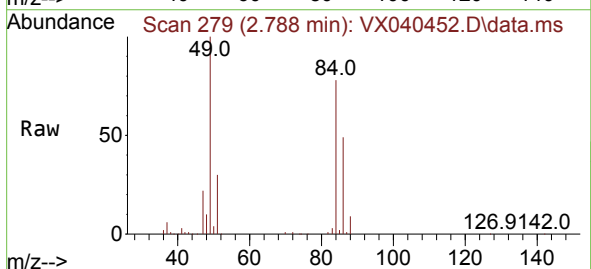
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

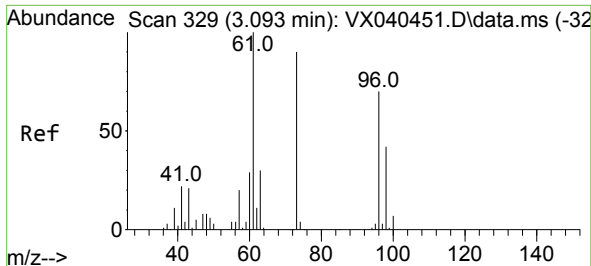
Tgt Ion: 73 Resp: 357129  
Ion Ratio Lower Upper  
73 100  
57 22.7 17.3 25.9



#20  
Methylene Chloride  
Concen: 97.374 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 84 Resp: 114461  
Ion Ratio Lower Upper  
84 100  
49 127.9 103.6 155.4  
51 38.0 33.8 50.6  
86 62.6 49.4 74.0

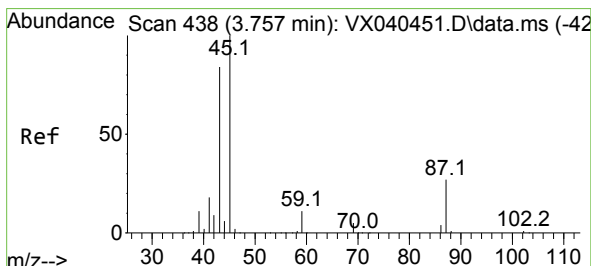
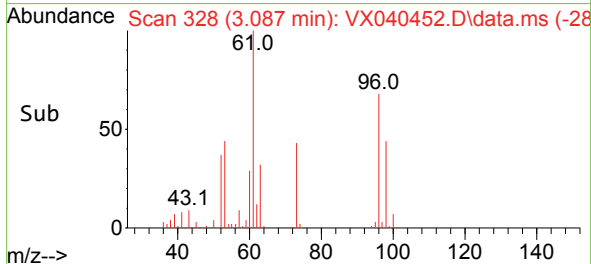
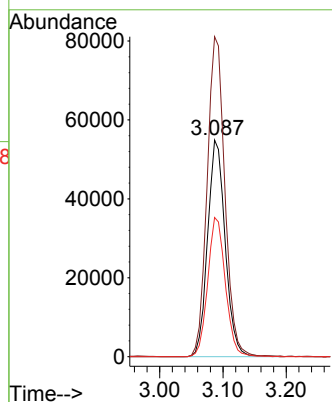
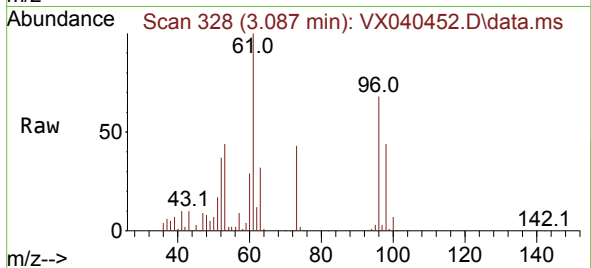




#21  
trans-1,2-Dichloroethene  
Concen: 96.962 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

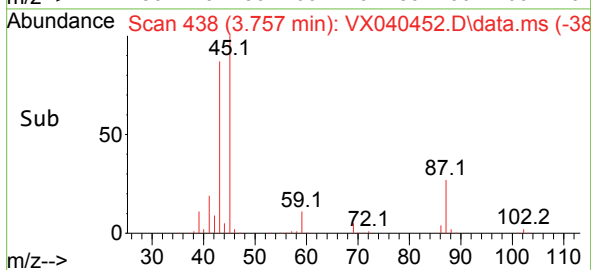
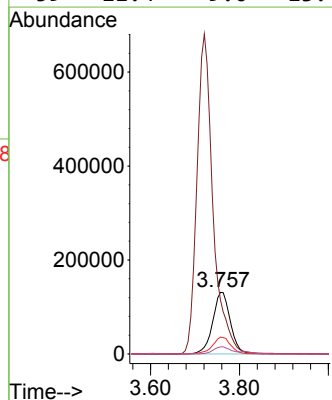
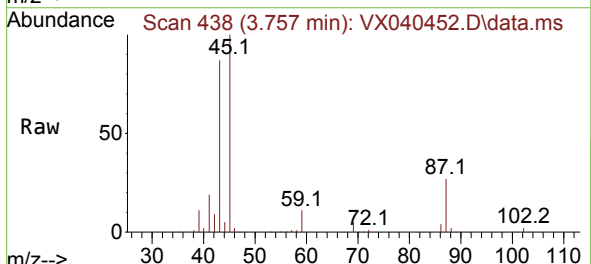
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

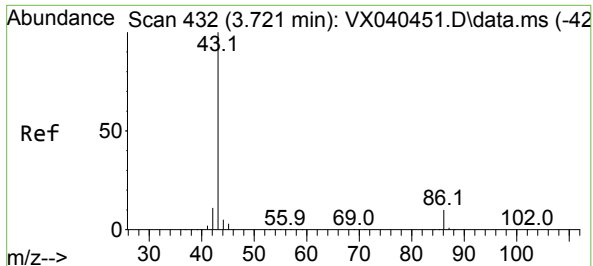
Tgt Ion: 96 Resp: 106097  
Ion Ratio Lower Upper  
96 100  
61 147.7 119.2 178.8  
98 64.3 48.7 73.1



#22  
Diisopropyl ether  
Concen: 100.114 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 45 Resp: 361129  
Ion Ratio Lower Upper  
45 100  
43 87.0 69.7 104.5  
87 27.4 20.8 31.2  
59 11.4 9.0 13.4

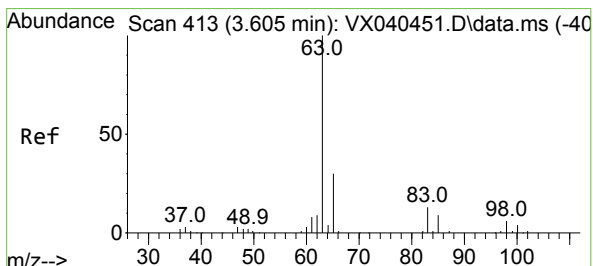
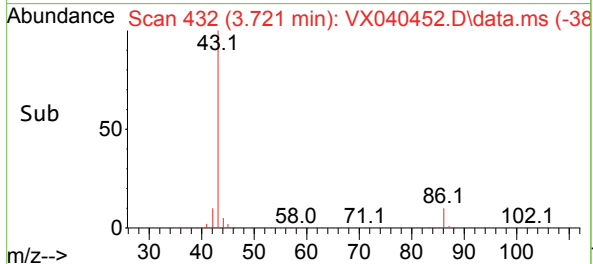
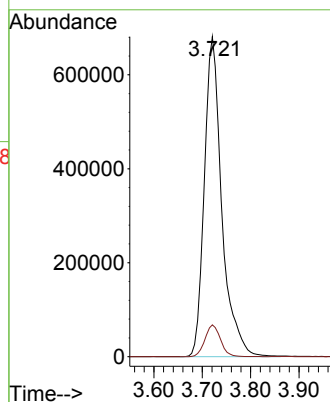
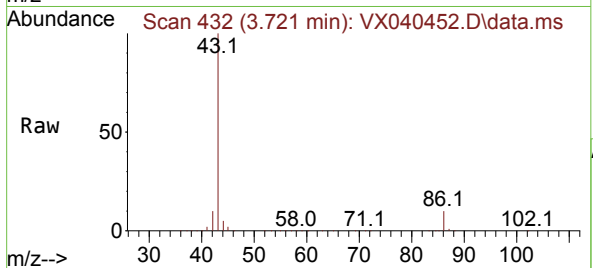




#23  
 Vinyl Acetate  
 Concen: 518.001 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX040452.D  
 Acq: 26 Feb 2024 11:16

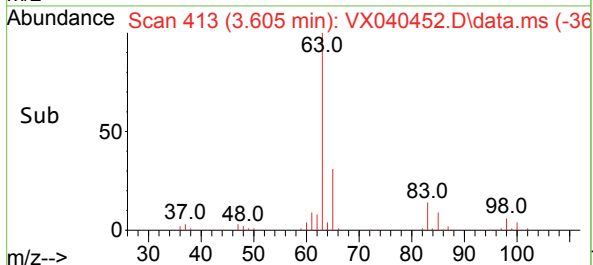
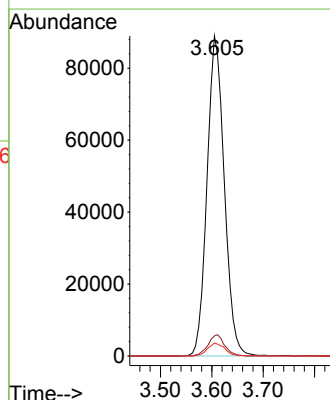
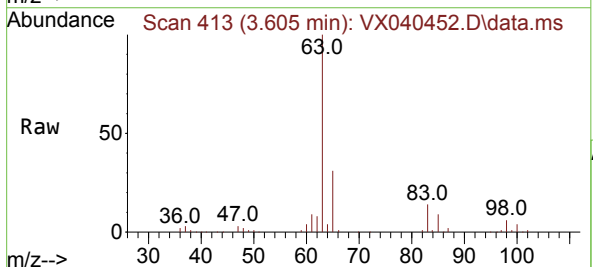
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

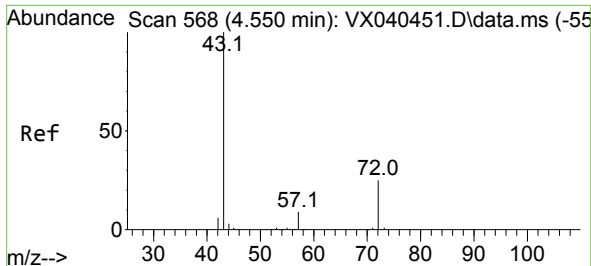
Tgt Ion: 43 Resp: 1711619  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 98.755 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX040452.D  
 Acq: 26 Feb 2024 11:16

Tgt Ion: 63 Resp: 207731  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.3 9.8  
 100 4.1 2.1 6.5

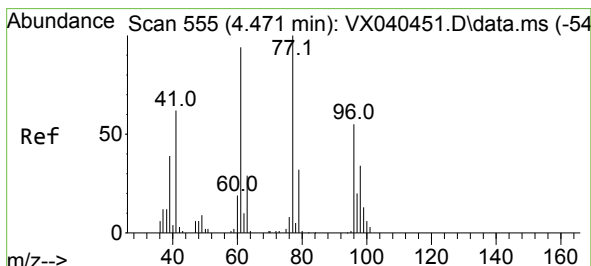
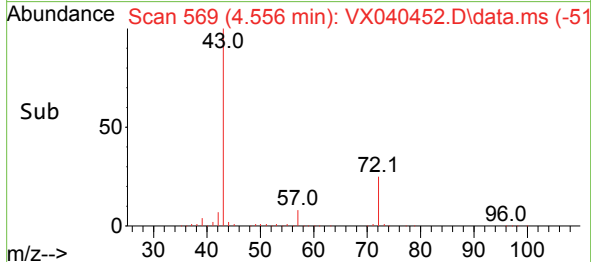
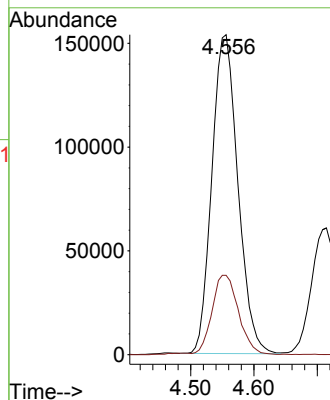
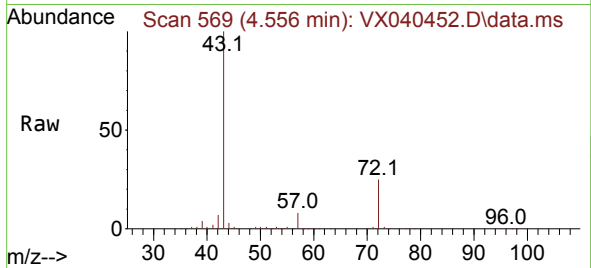




#25  
2-Butanone  
Concen: 511.977 ug/l  
RT: 4.556 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

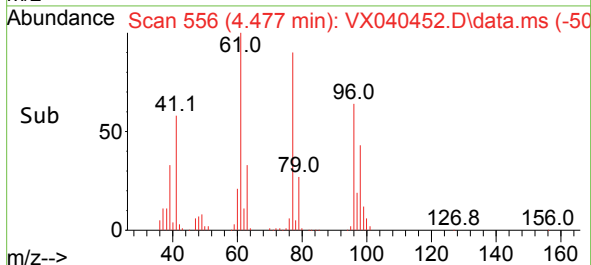
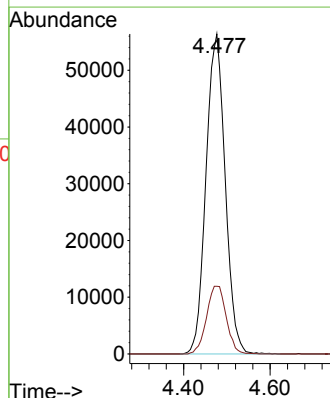
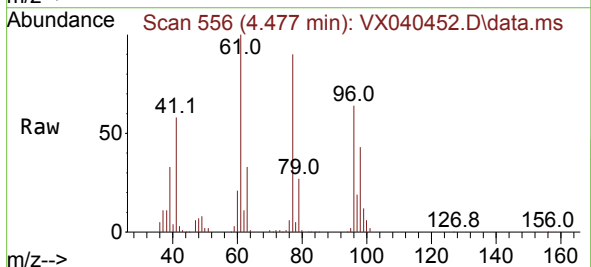
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

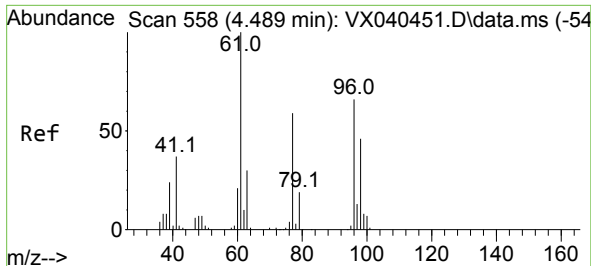
Tgt Ion: 43 Resp: 438163  
Ion Ratio Lower Upper  
43 100  
72 24.8 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 103.470 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 77 Resp: 173290  
Ion Ratio Lower Upper  
77 100  
97 21.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 97.517 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

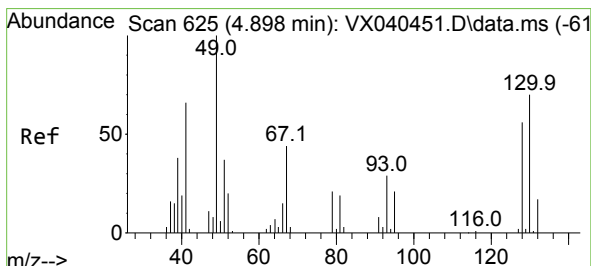
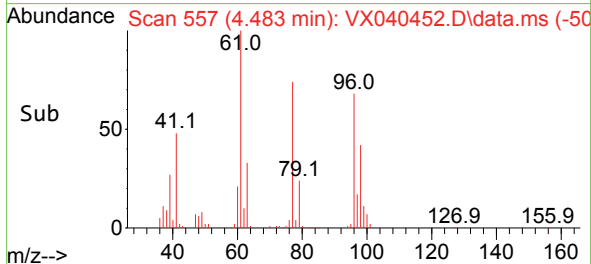
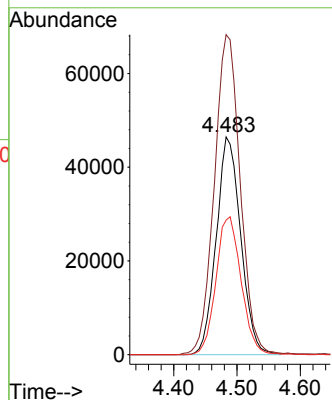
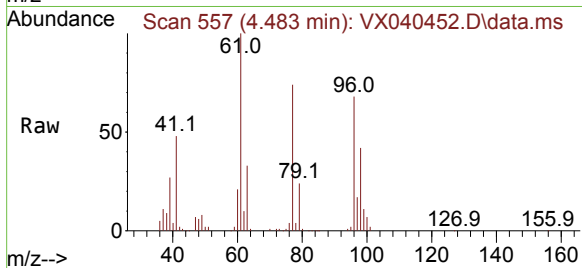
Tgt Ion: 96 Resp: 124832

Ion Ratio Lower Upper

96 100

61 155.6 0.0 312.2

98 65.0 0.0 129.0



#28

Bromochloromethane

Concen: 103.362 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

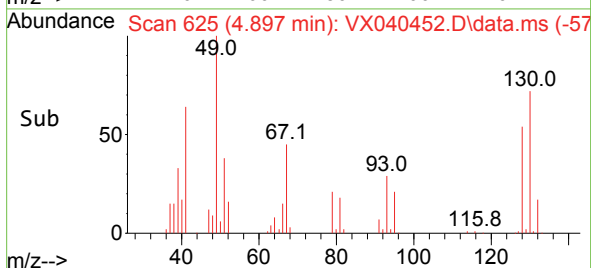
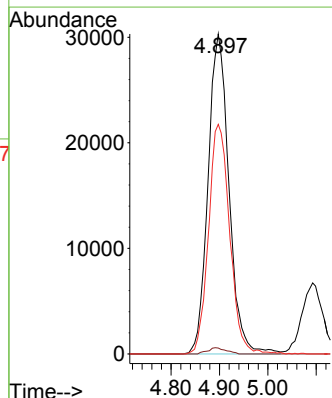
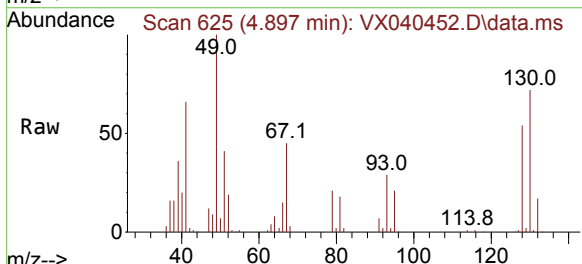
Tgt Ion: 49 Resp: 90949

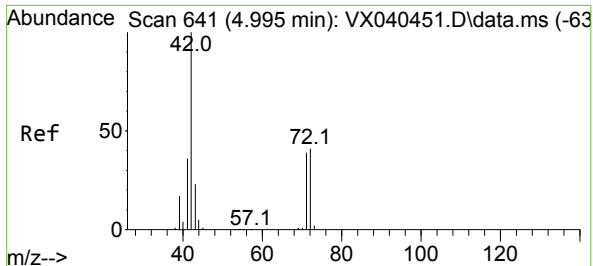
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 72.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 504.023 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

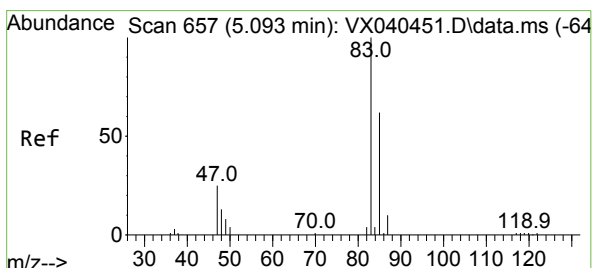
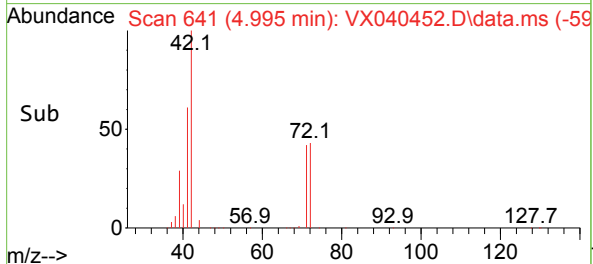
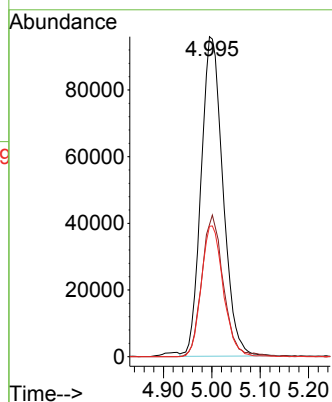
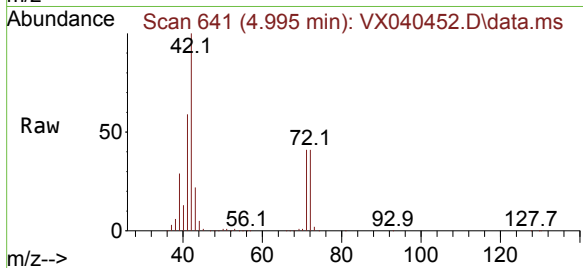
Tgt Ion: 42 Resp: 300921

Ion Ratio Lower Upper

42 100

72 44.0 34.2 51.4

71 41.2 32.2 48.2



#30

Chloroform

Concen: 99.990 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX040452.D

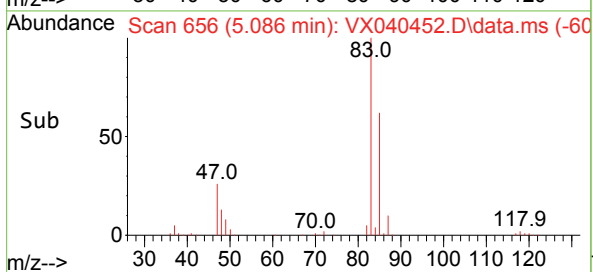
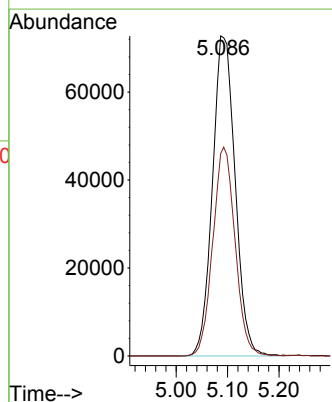
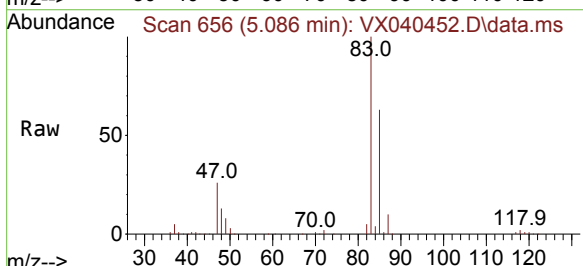
Acq: 26 Feb 2024 11:16

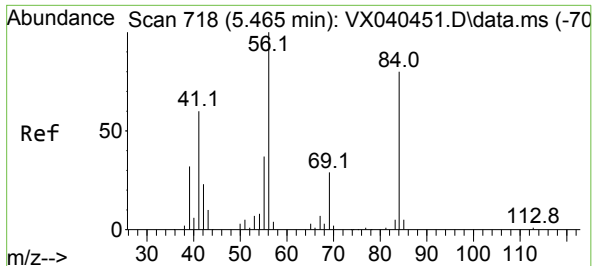
Tgt Ion: 83 Resp: 223252

Ion Ratio Lower Upper

83 100

85 63.2 50.3 75.5

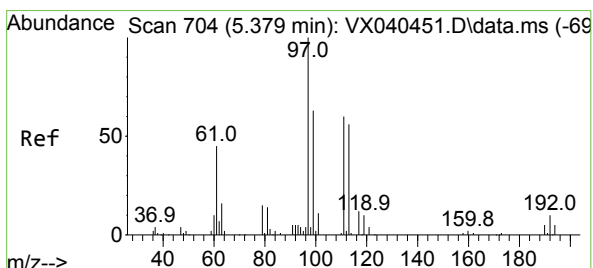
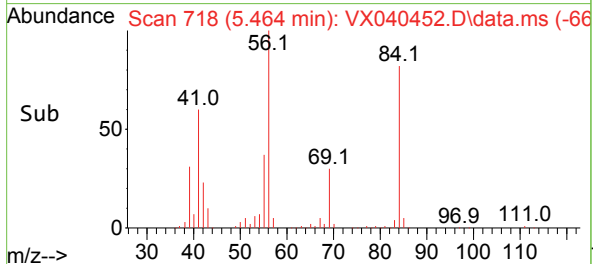
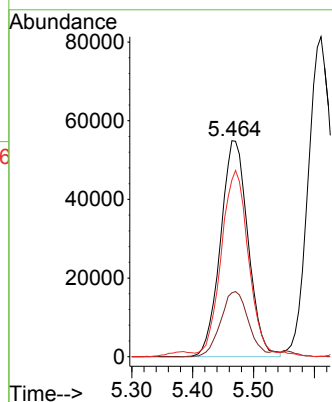
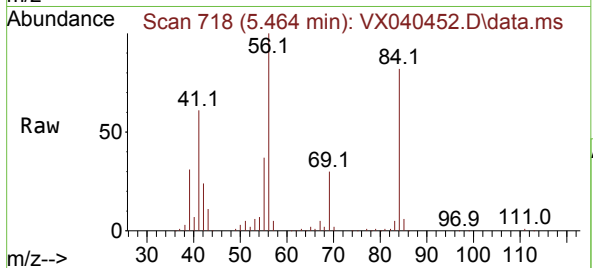




#31  
Cyclohexane  
Concen: 101.080 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

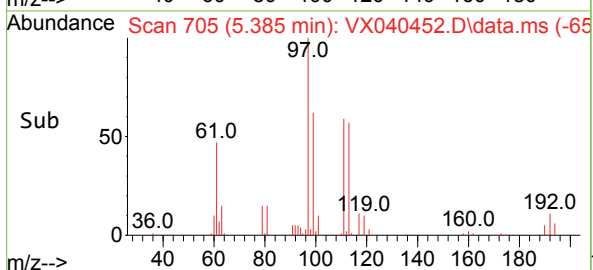
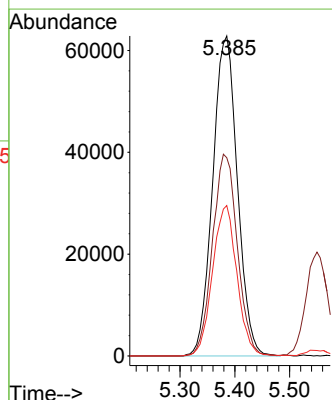
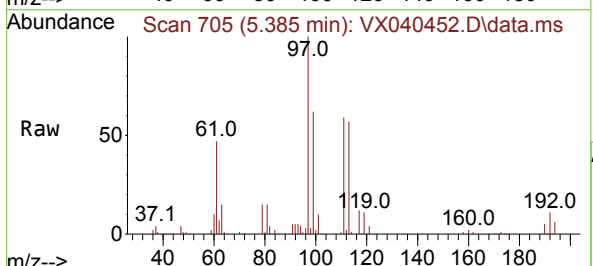
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

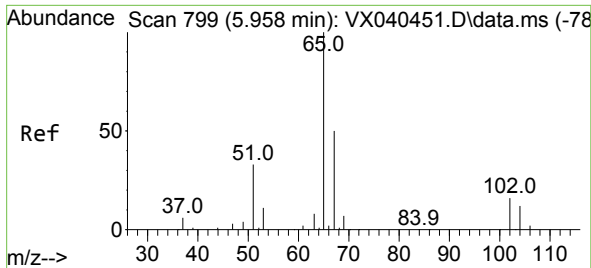
Tgt Ion: 56 Resp: 172490  
Ion Ratio Lower Upper  
56 100  
69 29.6 23.4 35.2  
84 79.7 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 103.291 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 97 Resp: 196840  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.1 76.7  
61 46.5 36.4 54.6

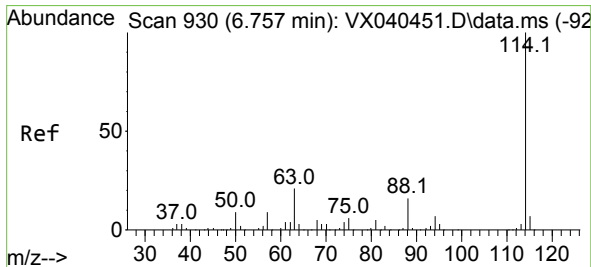
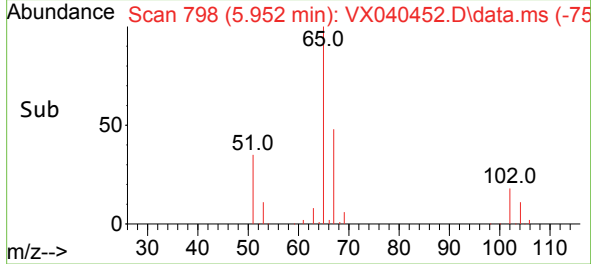
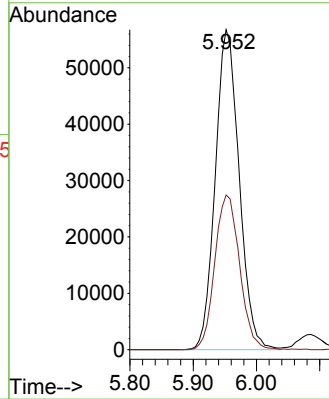
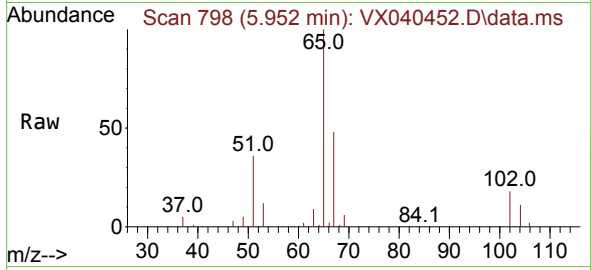




#33  
1,2-Dichloroethane-d4  
Concen: 98.824 ug/l  
RT: 5.952 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

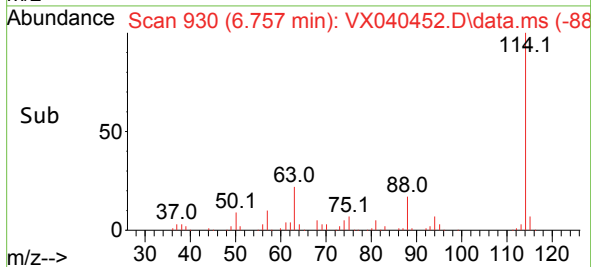
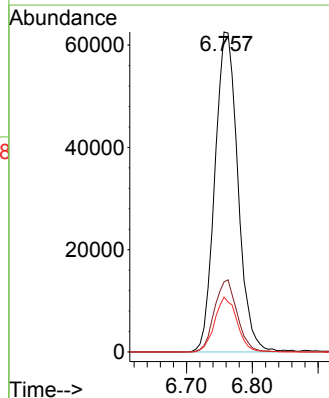
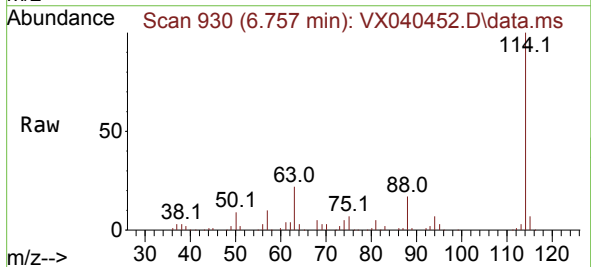
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

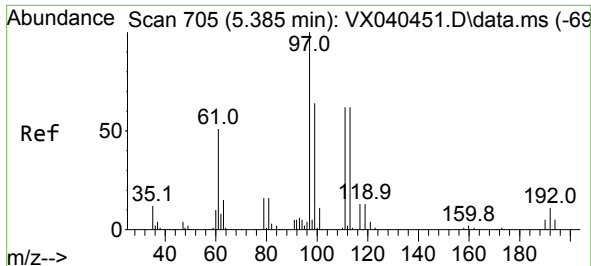
Tgt Ion: 65 Resp: 148851  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 114 Resp: 152210  
Ion Ratio Lower Upper  
114 100  
63 21.9 0.0 45.0  
88 17.2 0.0 36.6

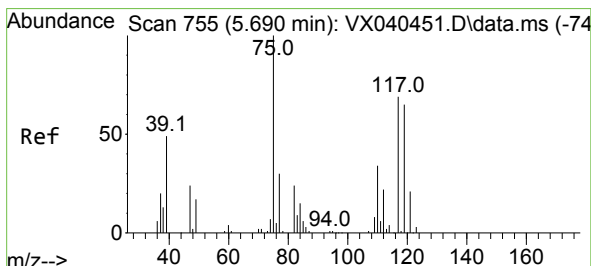
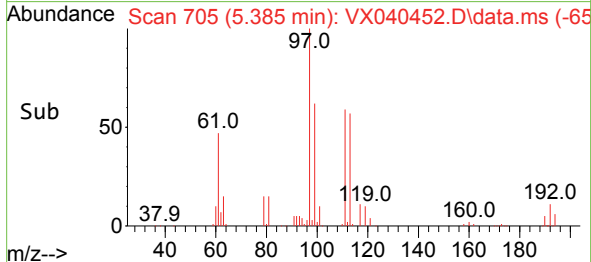
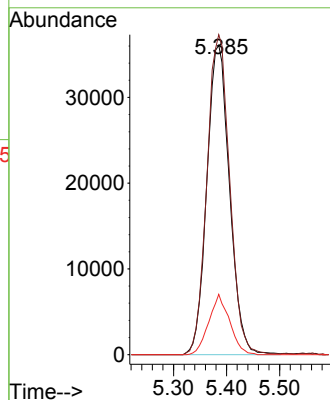
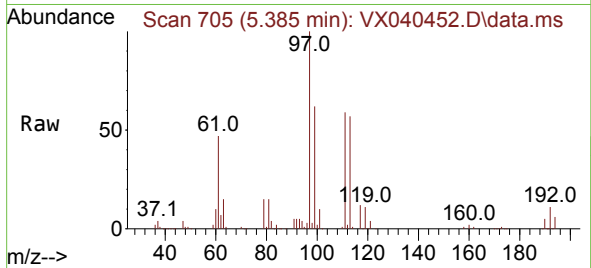




#35  
Dibromofluoromethane  
Concen: 101.441 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

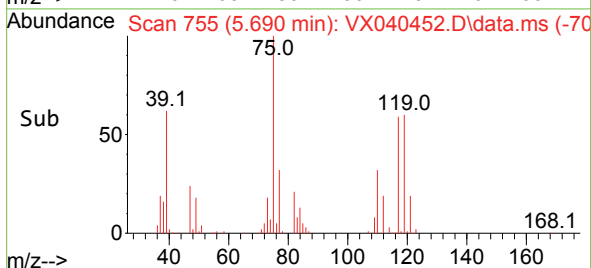
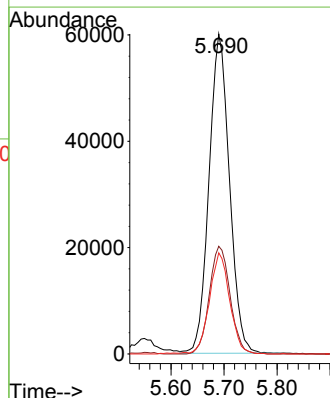
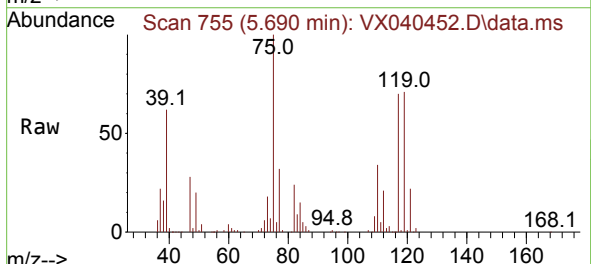
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

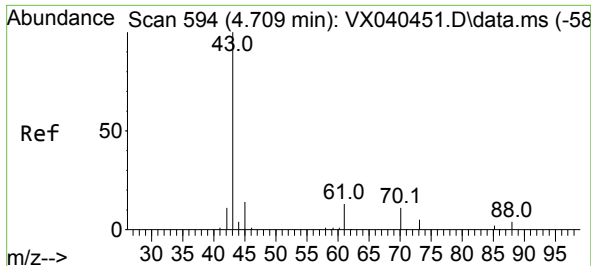
Tgt Ion:113 Resp: 107371  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.9 124.3  
192 17.9 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 98.763 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 75 Resp: 161058  
Ion Ratio Lower Upper  
75 100  
110 34.2 17.0 50.9  
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 100.716 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

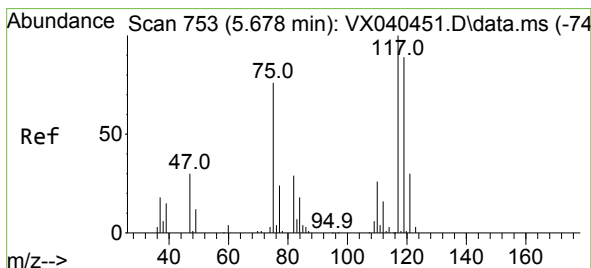
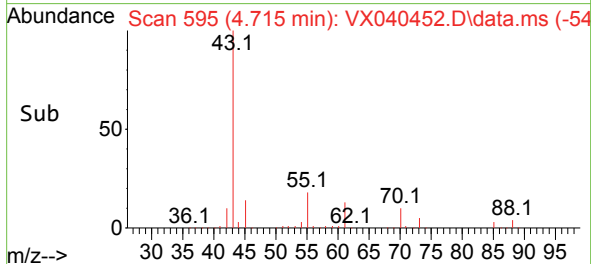
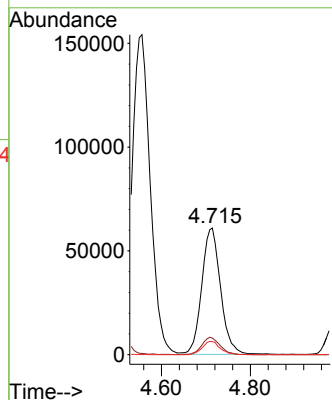
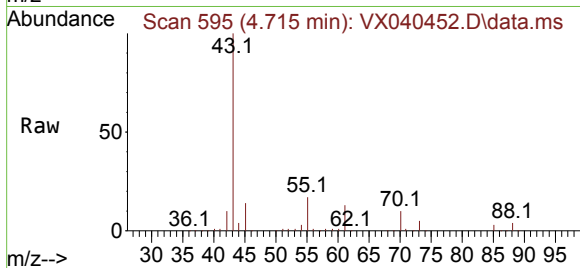
Tgt Ion: 43 Resp: 179749

Ion Ratio Lower Upper

43 100

61 12.9 10.6 16.0

70 9.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 104.938 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

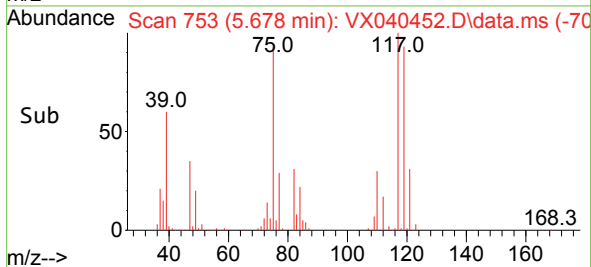
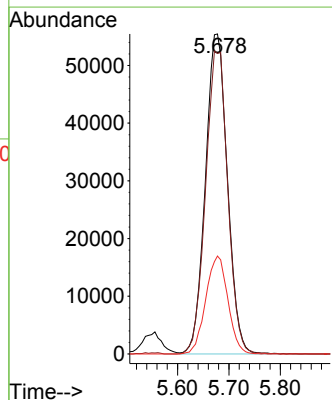
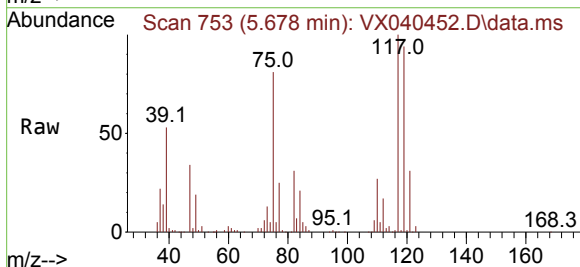
Tgt Ion: 117 Resp: 165319

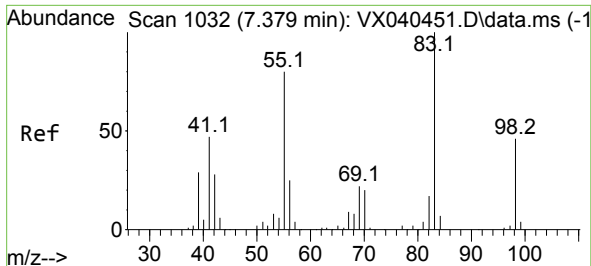
Ion Ratio Lower Upper

117 100

119 93.9 78.2 117.2

121 30.6 24.4 36.6





#39

Methylcyclohexane

Concen: 104.128 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

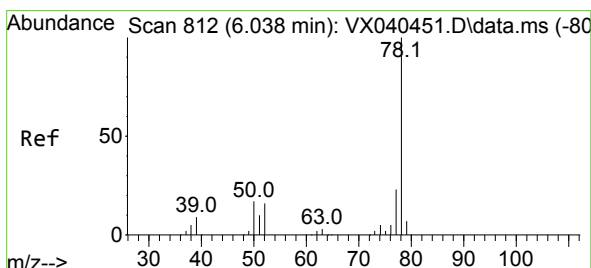
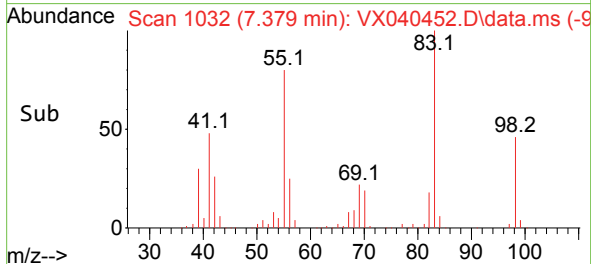
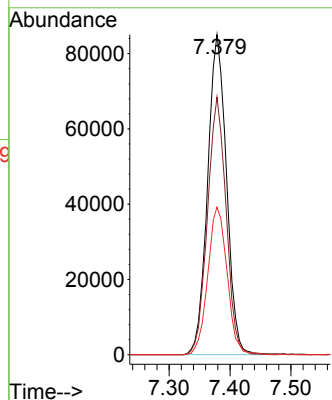
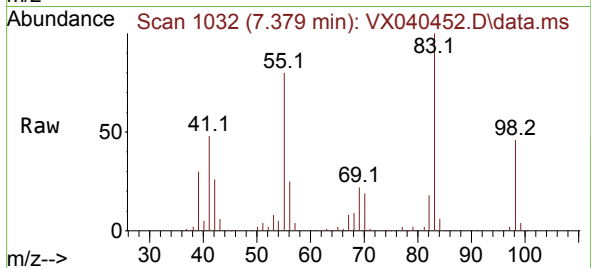
Tgt Ion: 83 Resp: 183333

Ion Ratio Lower Upper

83 100

55 80.5 64.6 97.0

98 46.1 36.7 55.1



#40

Benzene

Concen: 101.180 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX040452.D

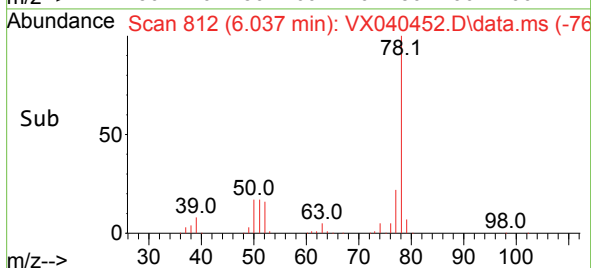
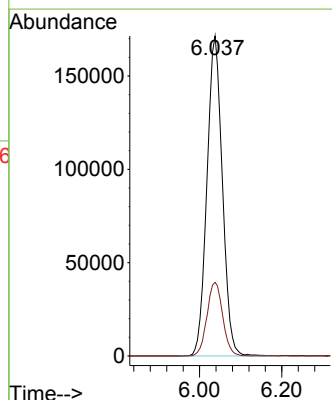
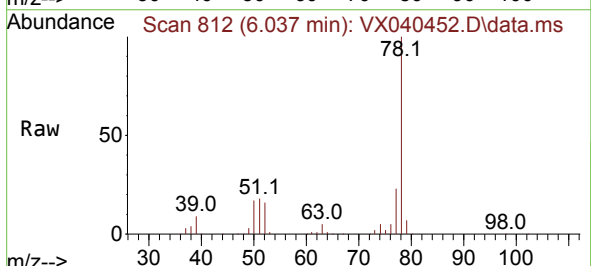
Acq: 26 Feb 2024 11:16

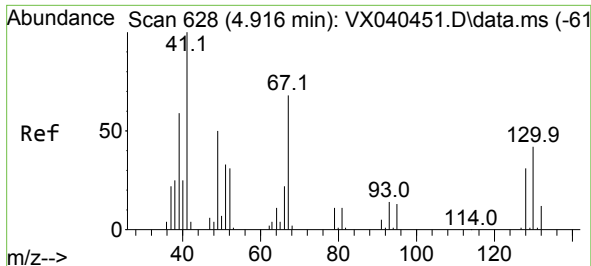
Tgt Ion: 78 Resp: 446723

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9



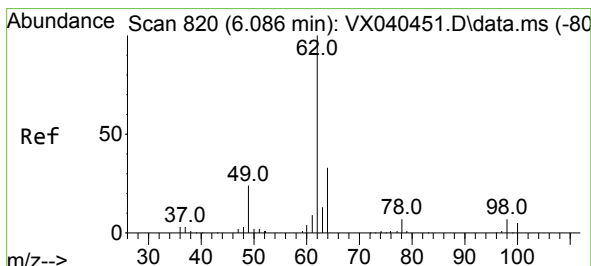
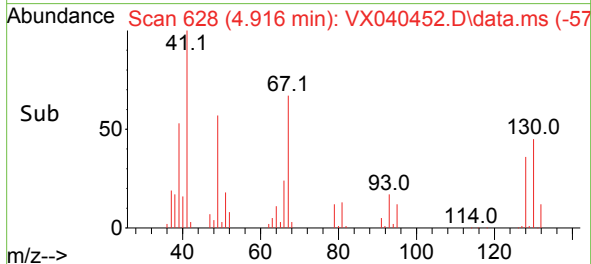
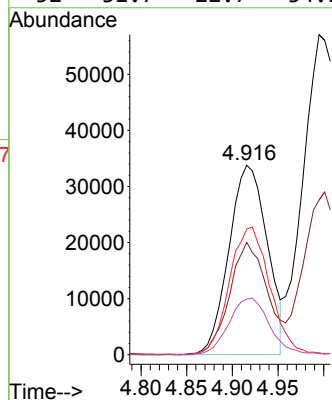
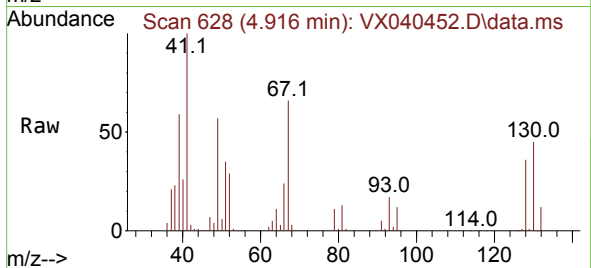


#41  
Methacrylonitrile  
Concen: 99.098 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

Tgt Ion: 41 Resp: 98791

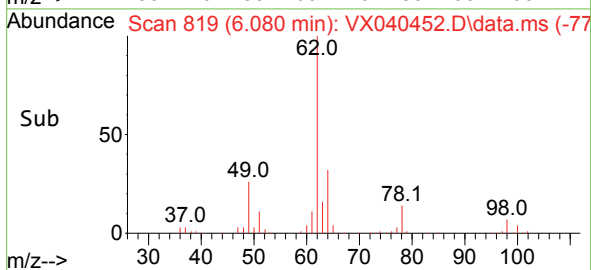
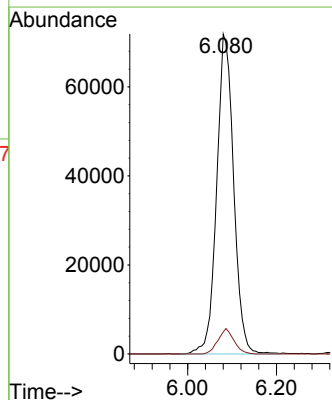
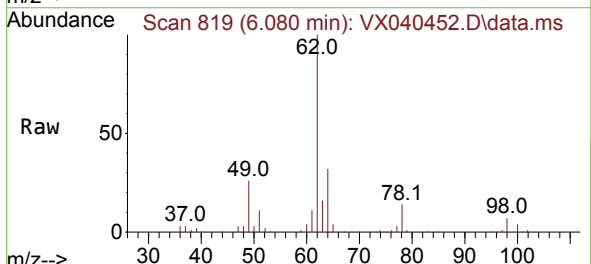
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.4  | 45.2  | 67.8  |
| 67  | 70.7  | 52.6  | 78.8  |
| 52  | 31.7  | 22.7  | 34.1  |

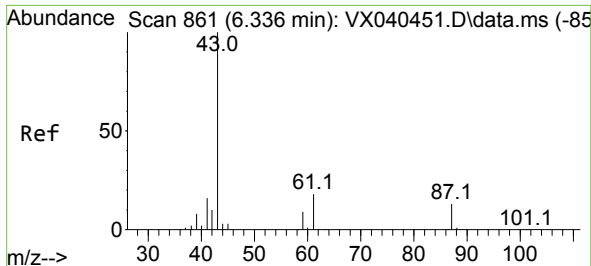


#42  
1,2-Dichloroethane  
Concen: 104.033 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 62 Resp: 190108

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 7.5   | 0.0   | 16.0  |

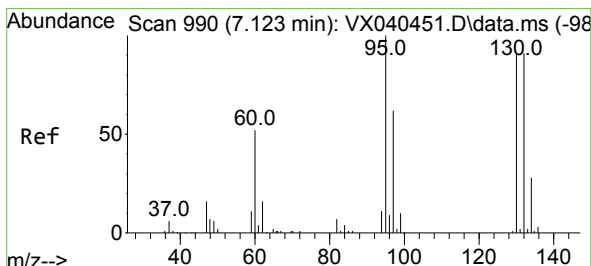
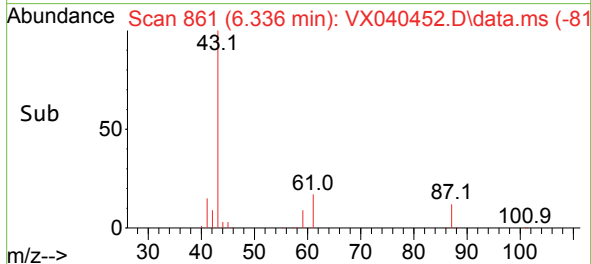
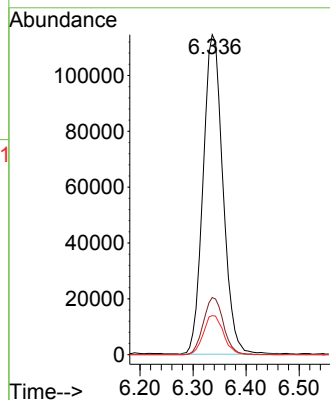
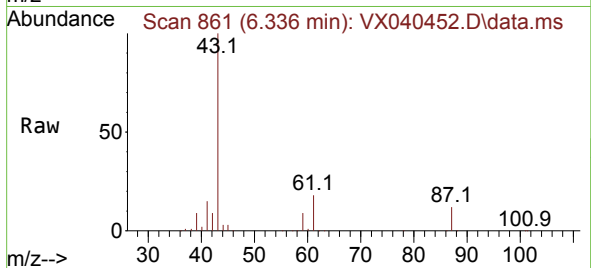




#43  
Isopropyl Acetate  
Concen: 106.195 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

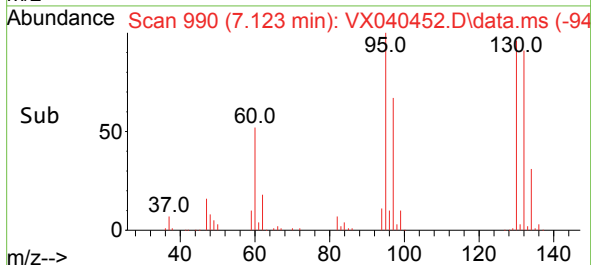
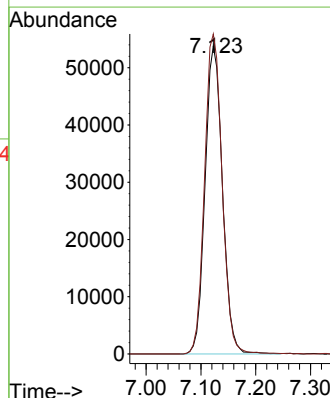
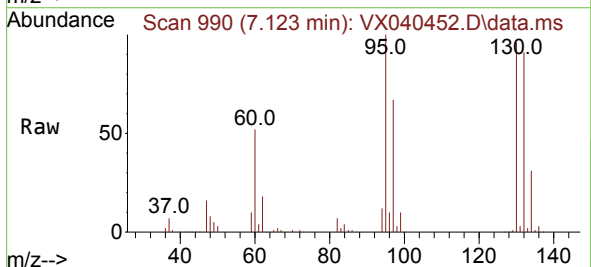
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

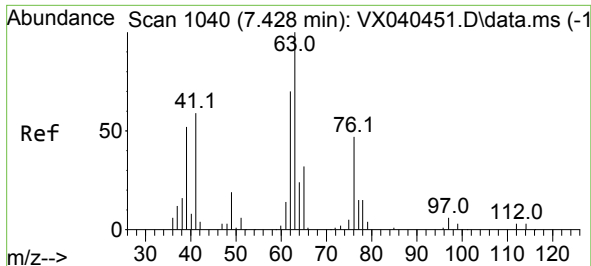
Tgt Ion: 43 Resp: 297389  
Ion Ratio Lower Upper  
43 100  
61 18.1 15.2 22.8  
87 12.4 9.8 14.6



#44  
Trichloroethene  
Concen: 99.604 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion:130 Resp: 118269  
Ion Ratio Lower Upper  
130 100  
95 103.9 0.0 204.4

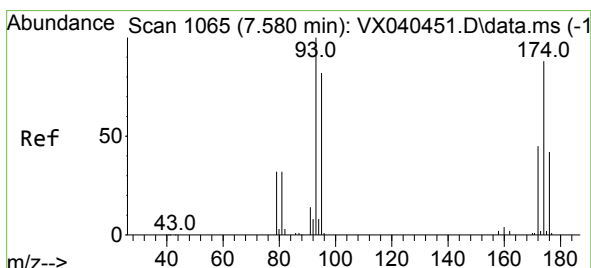
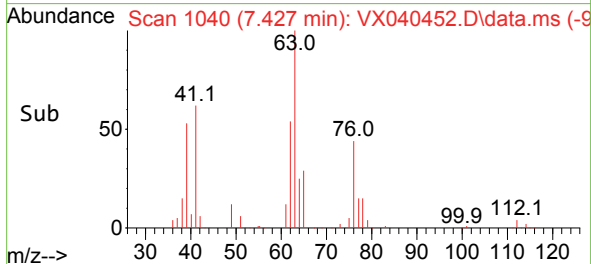
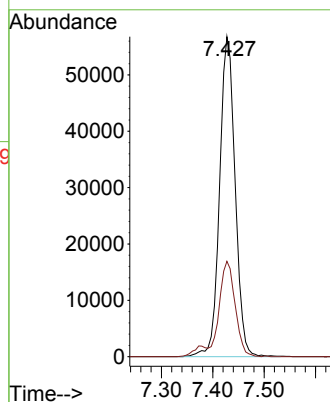
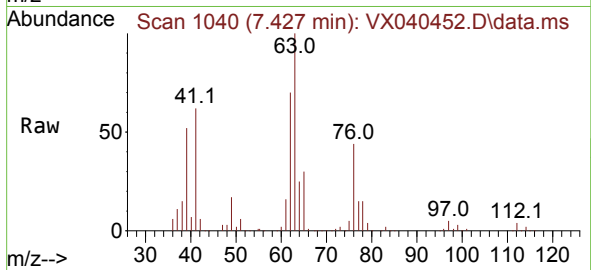




#45  
1,2-Dichloropropane  
Concen: 100.850 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

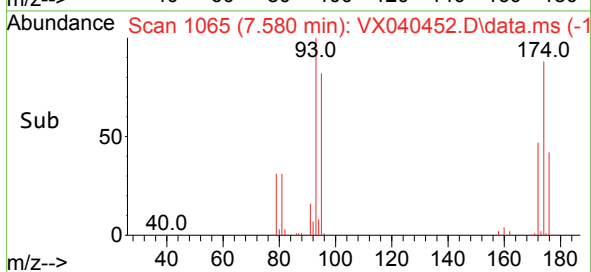
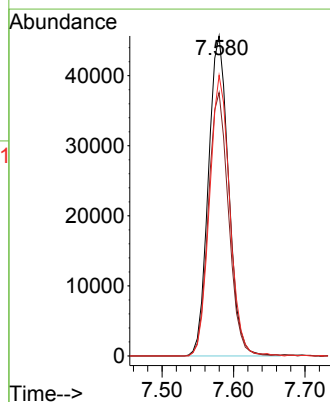
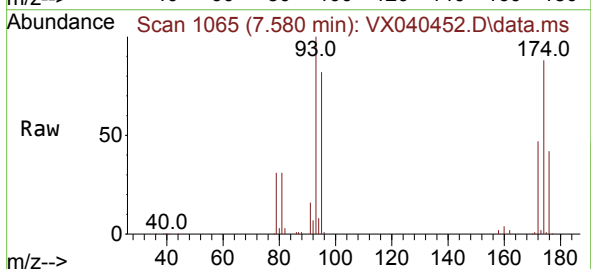
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

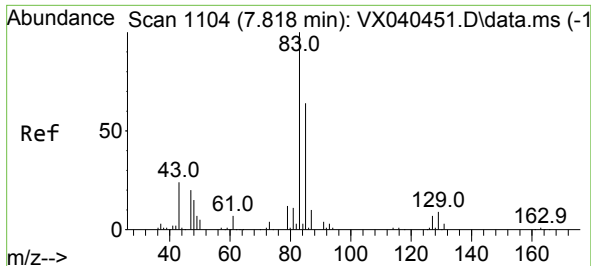
Tgt Ion: 63 Resp: 119167  
Ion Ratio Lower Upper  
63 100  
65 29.8 24.3 36.5



#46  
Dibromomethane  
Concen: 103.520 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 93 Resp: 89931  
Ion Ratio Lower Upper  
93 100  
95 82.0 66.6 100.0  
174 87.6 69.4 104.0

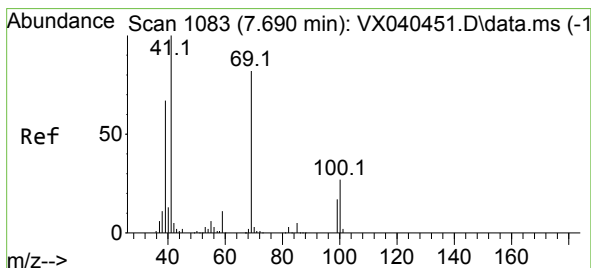
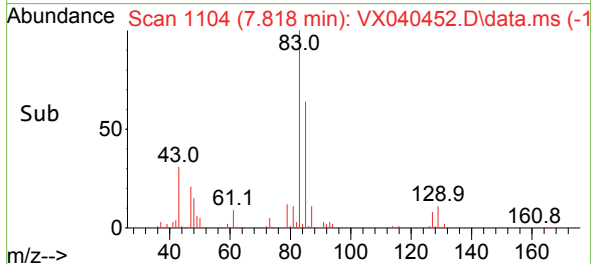
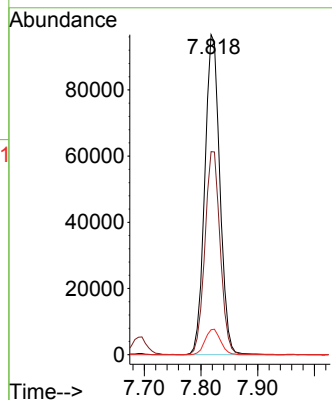
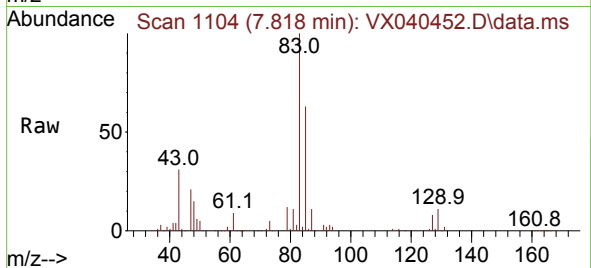




#47  
Bromodichloromethane  
Concen: 104.341 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

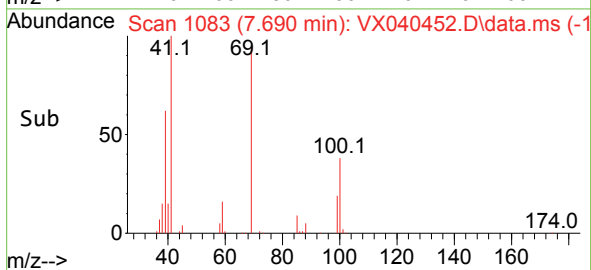
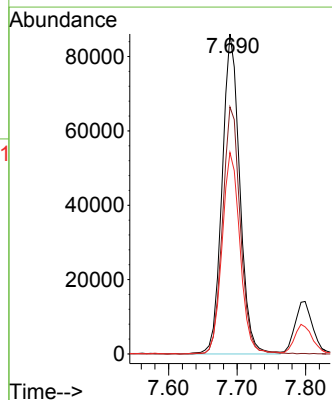
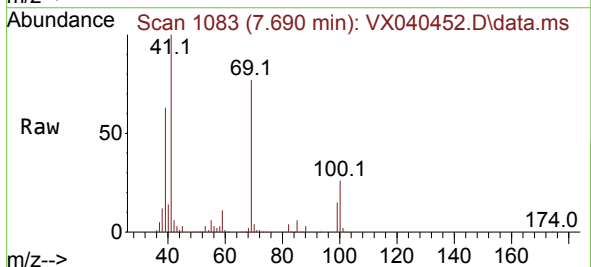
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

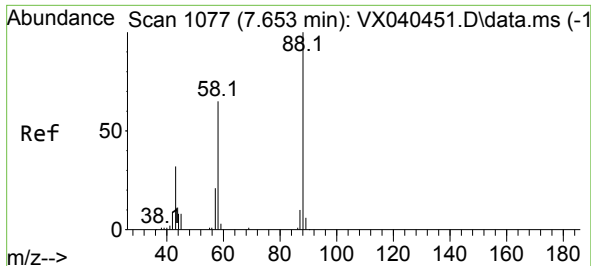
Tgt Ion: 83 Resp: 178472  
Ion Ratio Lower Upper  
83 100  
85 63.4 49.8 74.6  
127 7.8 7.1 10.7



#48  
Methyl methacrylate  
Concen: 109.847 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 41 Resp: 153752  
Ion Ratio Lower Upper  
41 100  
69 77.8 59.2 88.8  
39 64.2 47.7 71.5





#49

1,4-Dioxane

Concen: 2169.988 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

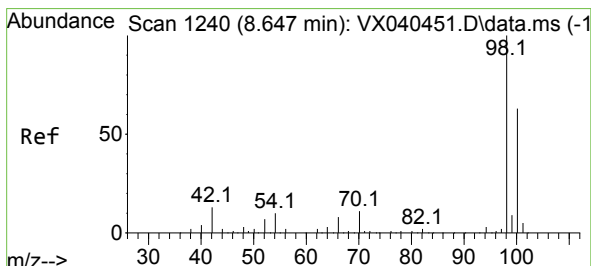
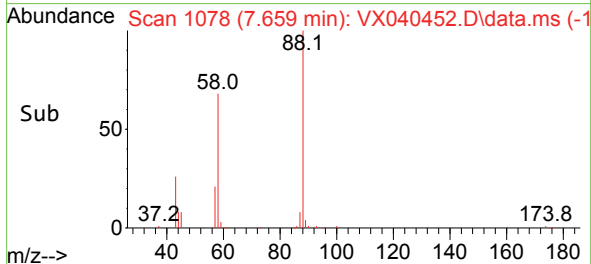
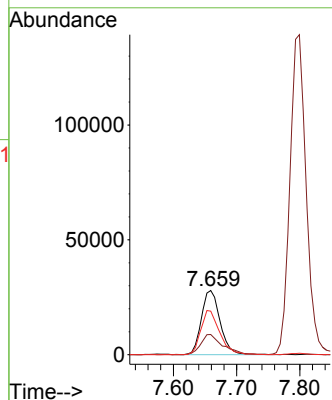
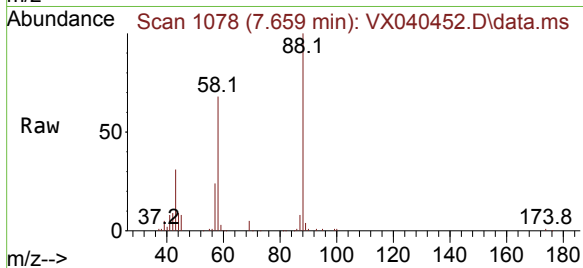
Tgt Ion: 88 Resp: 57457

Ion Ratio Lower Upper

88 100

43 37.2 0.0 0.0#

58 69.7 60.1 90.1



#50

Toluene-d8

Concen: 103.248 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040452.D

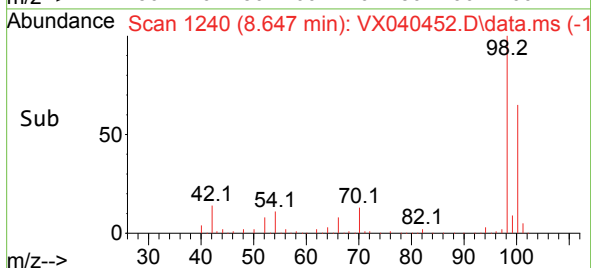
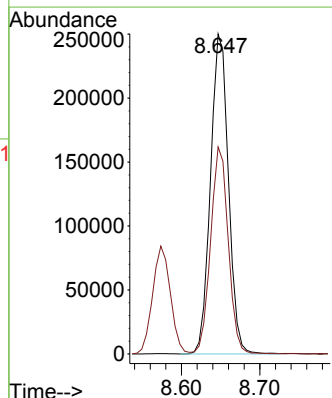
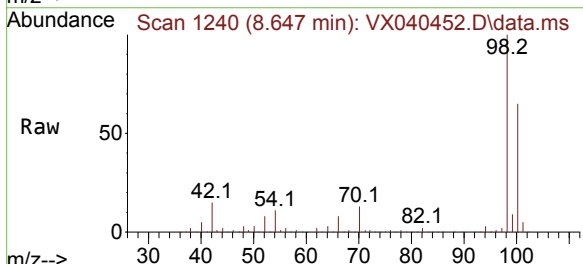
Acq: 26 Feb 2024 11:16

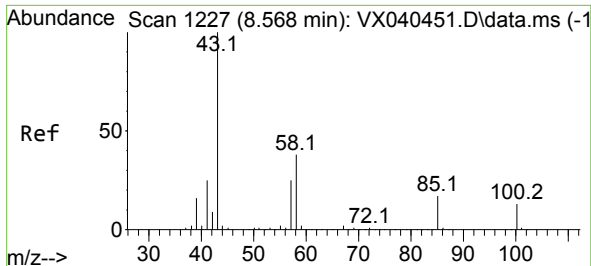
Tgt Ion: 98 Resp: 396685

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7

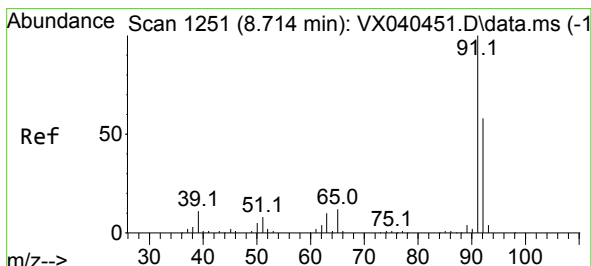
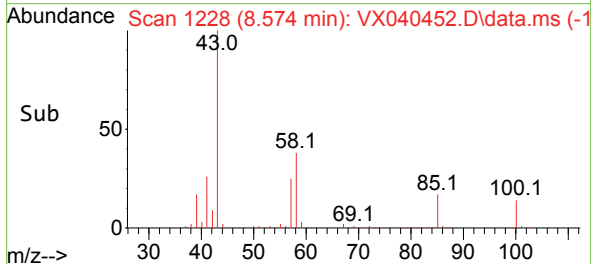
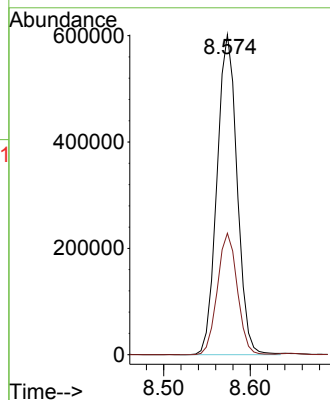
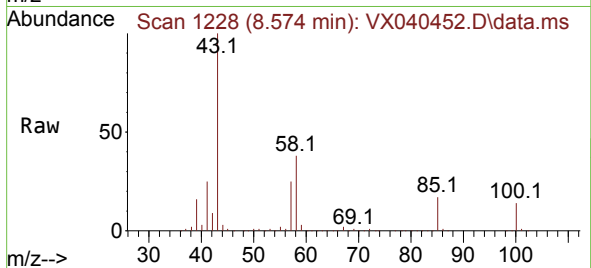




#51  
4-Methyl-2-Pentanone  
Concen: 523.777 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

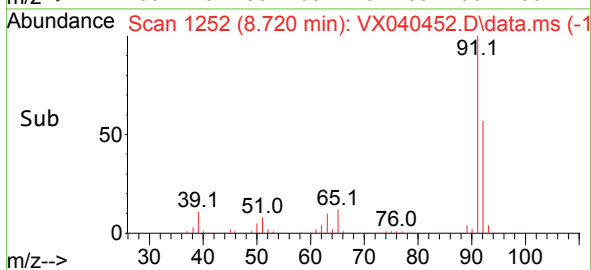
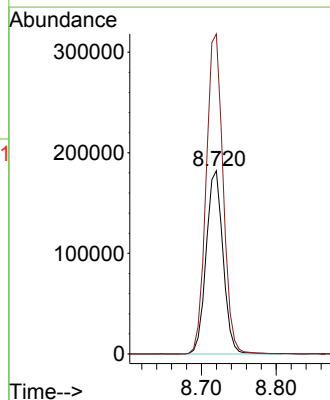
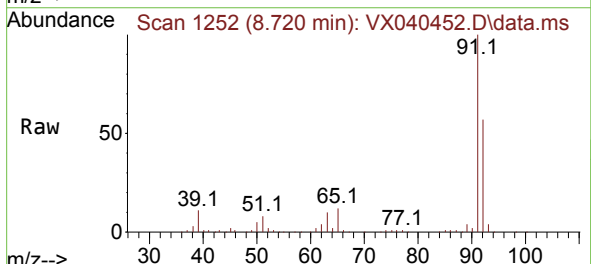
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

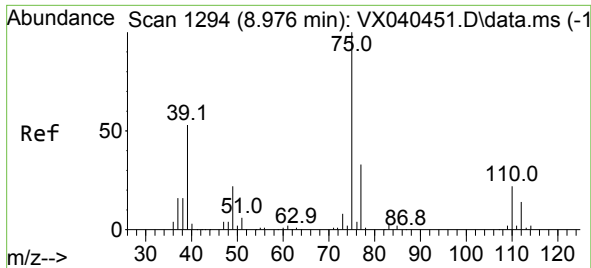
Tgt Ion: 43 Resp: 969788  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.4 45.6



#52  
Toluene  
Concen: 105.130 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 92 Resp: 284863  
Ion Ratio Lower Upper  
92 100  
91 175.6 134.2 201.2

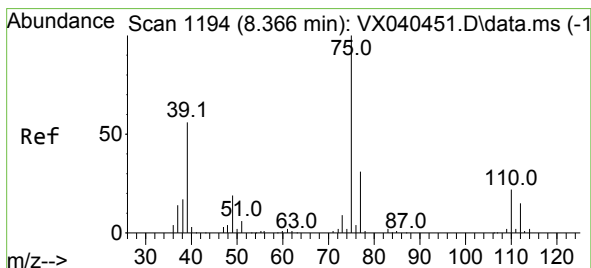
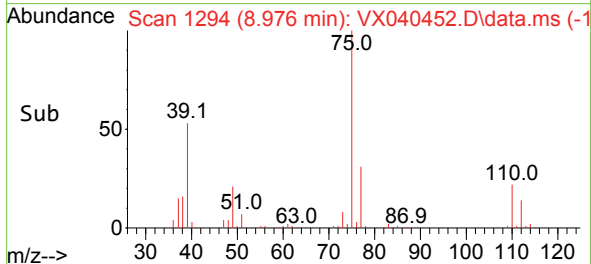
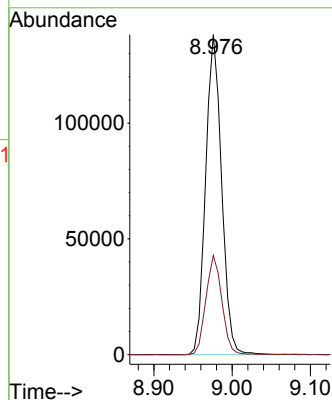
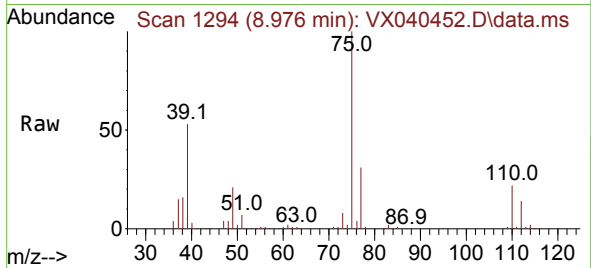




#53  
 t-1,3-Dichloropropene  
 Concen: 112.400 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. -0.000 min  
 Lab File: VX040452.D  
 Acq: 26 Feb 2024 11:16

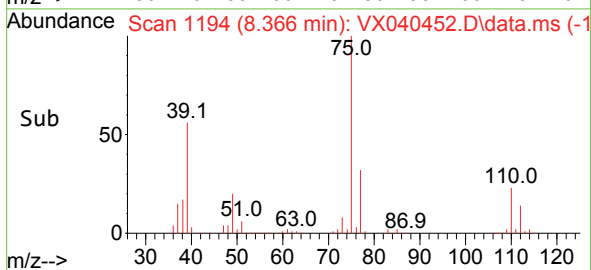
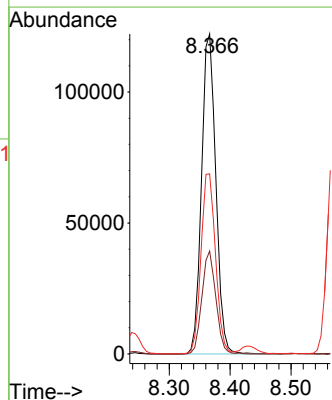
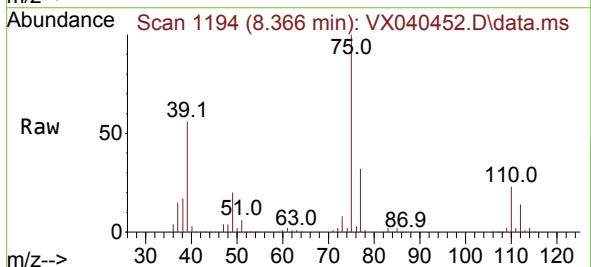
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

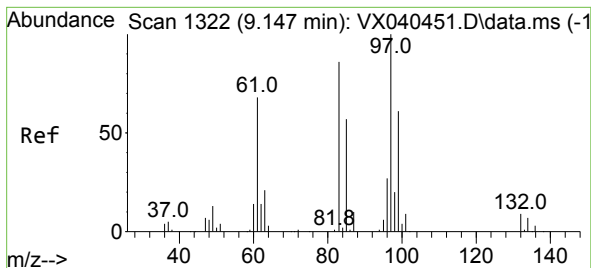
Tgt Ion: 75 Resp: 195112  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 106.629 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX040452.D  
 Acq: 26 Feb 2024 11:16

Tgt Ion: 75 Resp: 198955  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.3 37.9  
 39 56.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 107.065 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 120393

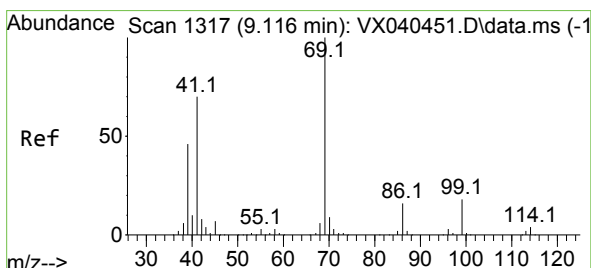
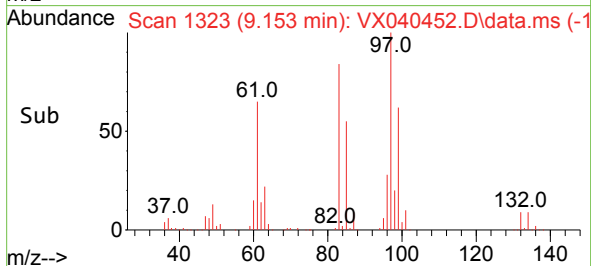
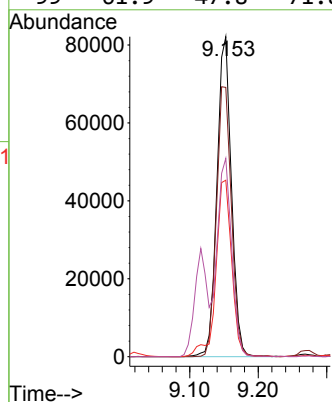
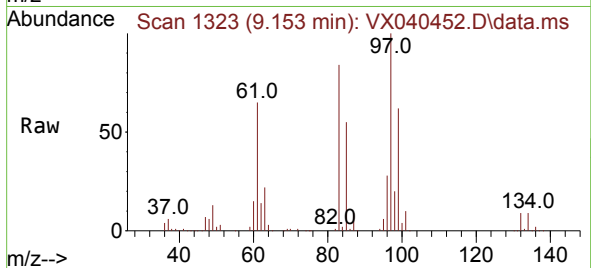
Ion Ratio Lower Upper

97 100

83 84.2 65.8 98.8

85 55.1 41.6 62.4

99 61.9 47.8 71.8



#56

Ethyl methacrylate

Concen: 113.810 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

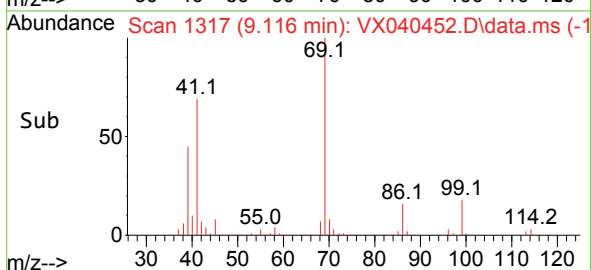
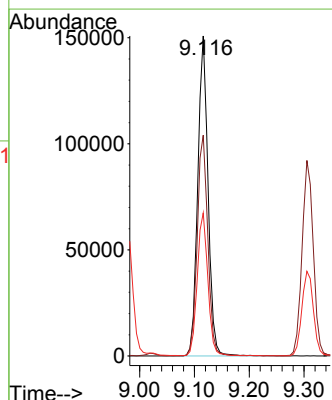
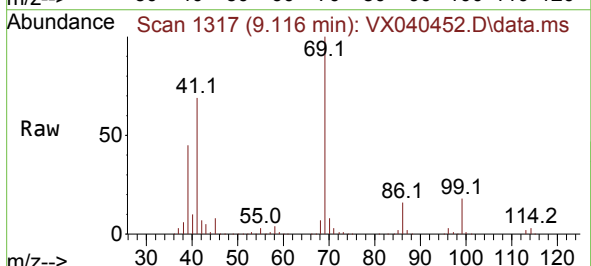
Tgt Ion: 69 Resp: 197872

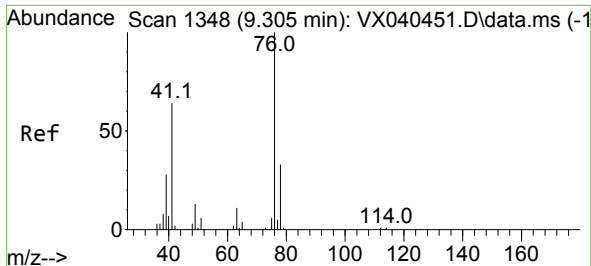
Ion Ratio Lower Upper

69 100

41 70.9 56.8 85.2

39 45.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 103.912 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

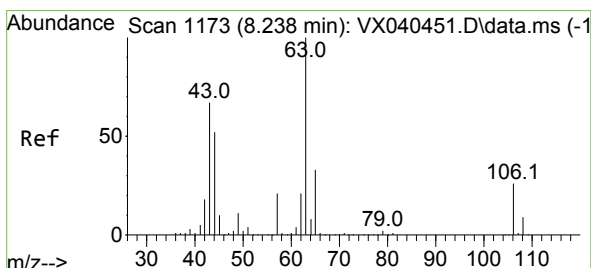
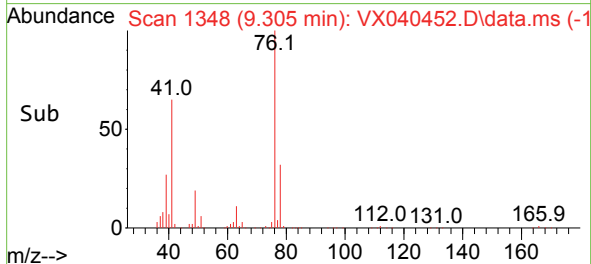
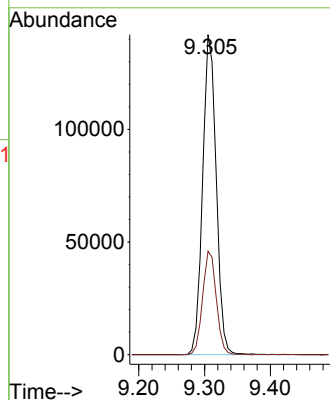
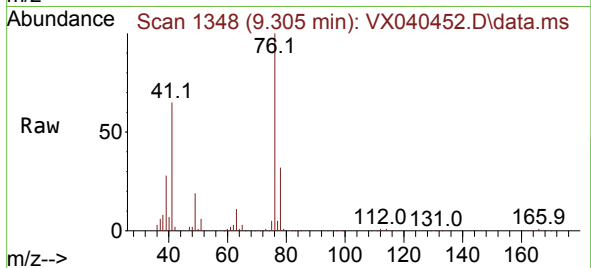
VSTDICC100

Tgt Ion: 76 Resp: 203519

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 550.218 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040452.D

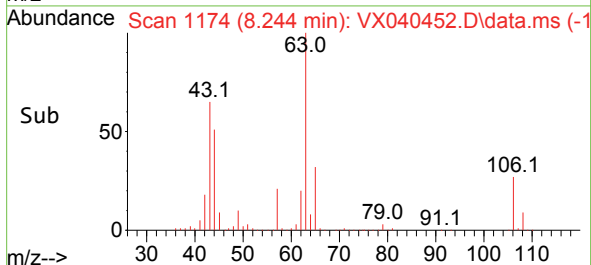
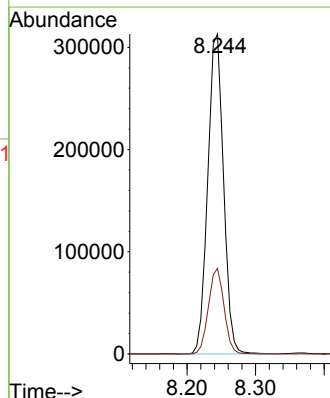
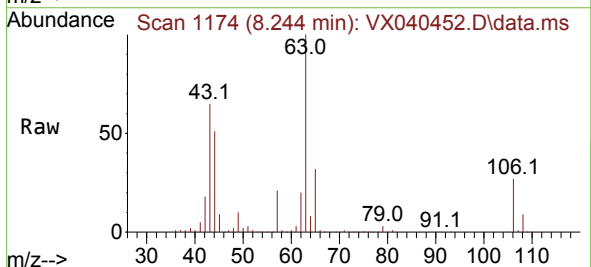
Acq: 26 Feb 2024 11:16

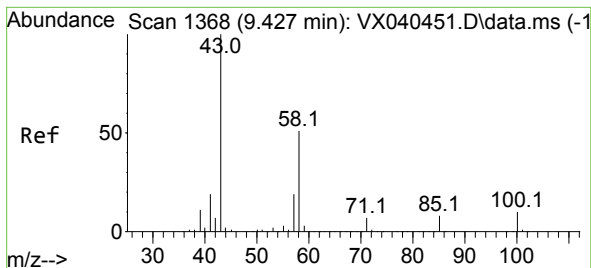
Tgt Ion: 63 Resp: 501579

Ion Ratio Lower Upper

63 100

106 26.4 22.5 33.7





#59

2-Hexanone

Concen: 538.007 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

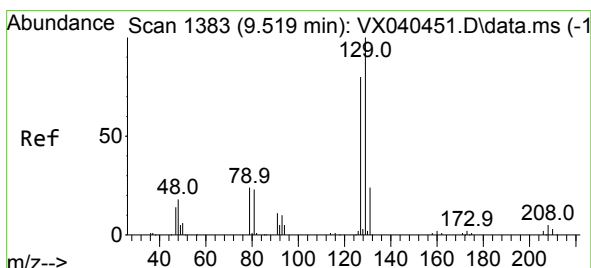
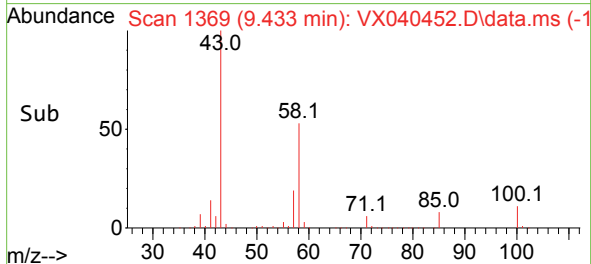
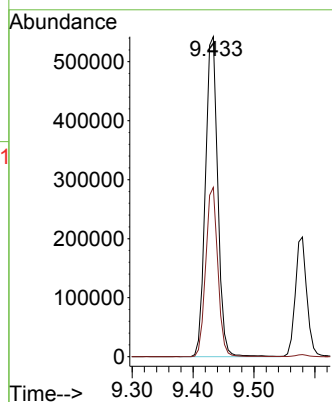
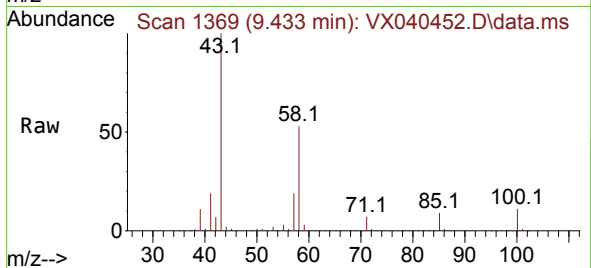
VSTDIC100

Tgt Ion: 43 Resp: 765870

Ion Ratio Lower Upper

43 100

58 51.9 26.2 78.5



#60

Dibromochloromethane

Concen: 108.608 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040452.D

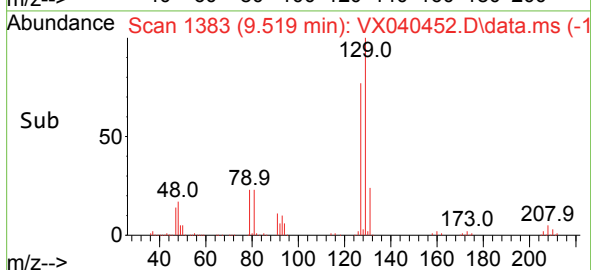
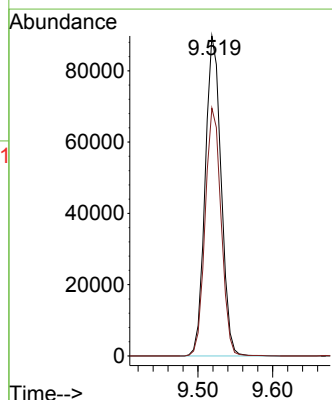
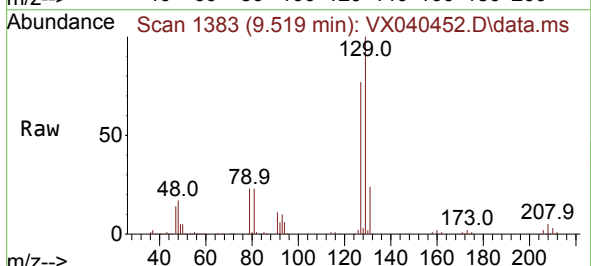
Acq: 26 Feb 2024 11:16

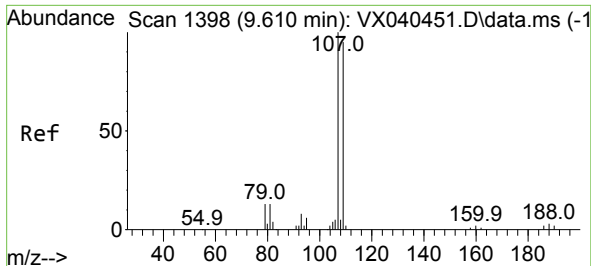
Tgt Ion: 129 Resp: 132652

Ion Ratio Lower Upper

129 100

127 77.6 38.8 116.4

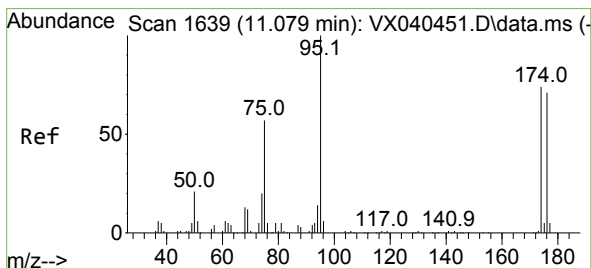
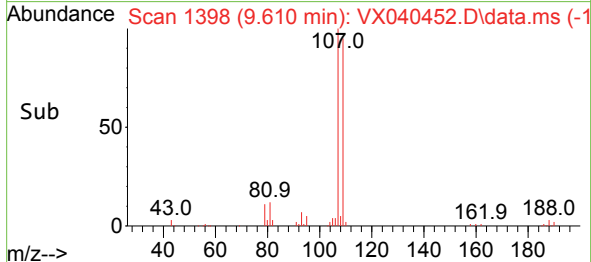
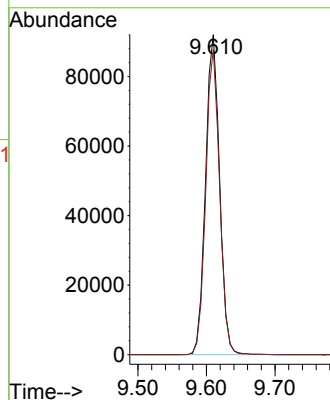
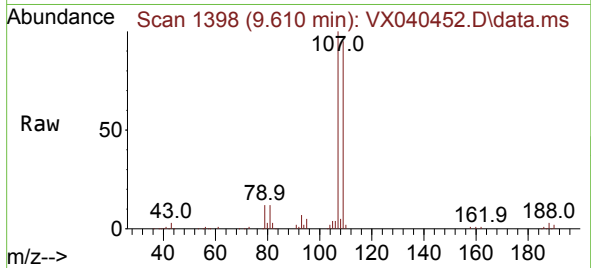




#61  
1,2-Dibromoethane  
Concen: 106.890 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

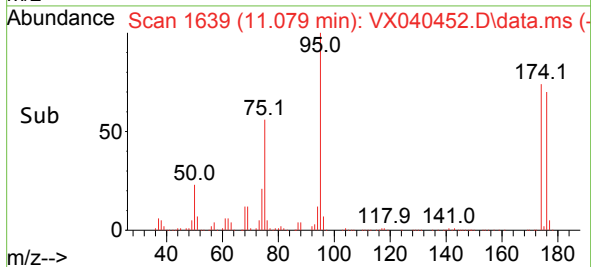
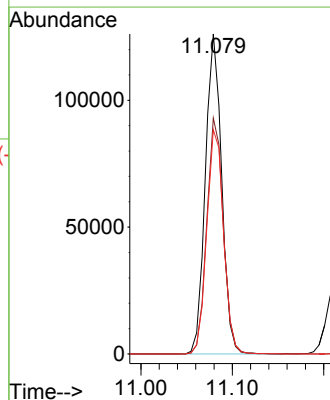
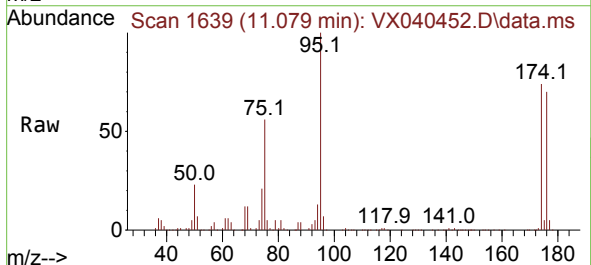
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

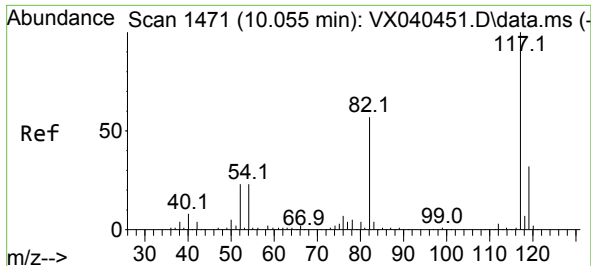
Tgt Ion:107 Resp: 131159  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 106.289 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 95 Resp: 155667  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 135.6  
176 72.3 0.0 131.0

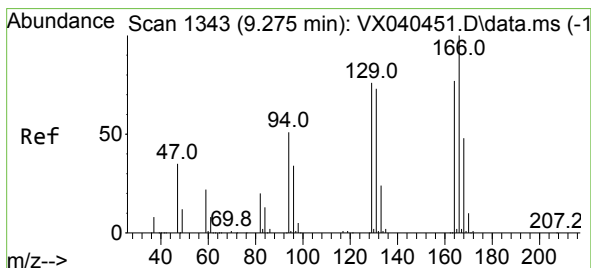
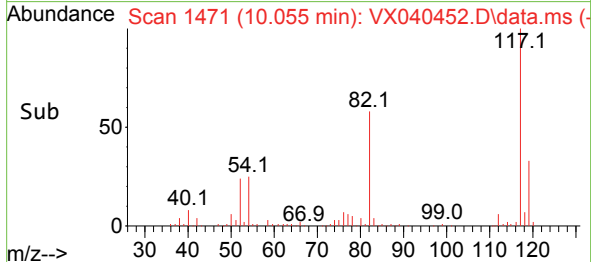
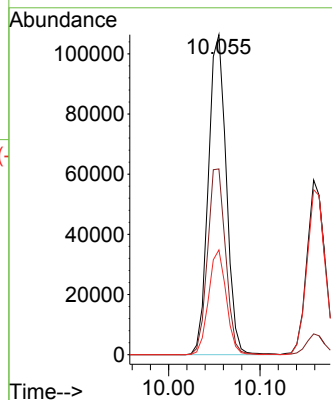
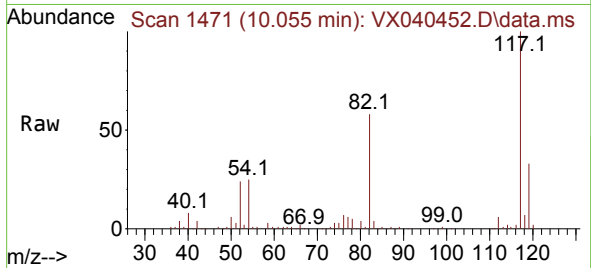




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

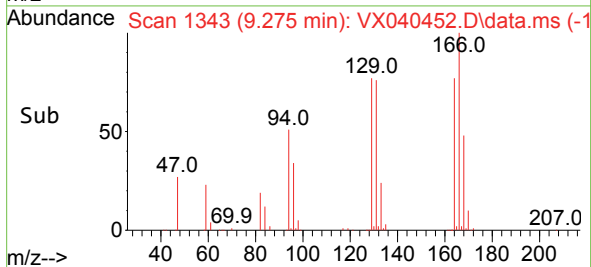
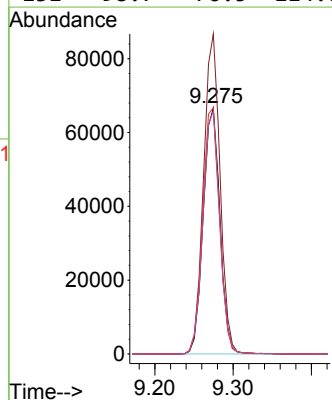
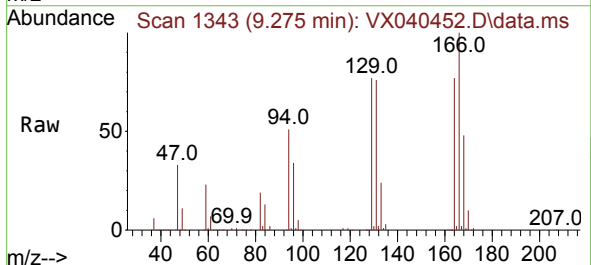
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

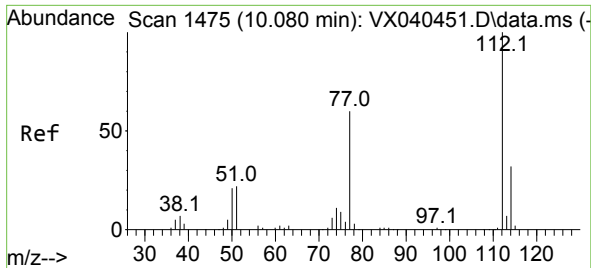
Tgt Ion:117 Resp: 144952  
Ion Ratio Lower Upper  
117 100  
82 58.0 46.2 69.4  
119 32.7 25.5 38.3



#64  
Tetrachloroethene  
Concen: 96.958 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion:164 Resp: 98669  
Ion Ratio Lower Upper  
164 100  
166 130.2 102.7 154.1  
129 100.2 80.4 120.6  
131 98.7 76.5 114.7

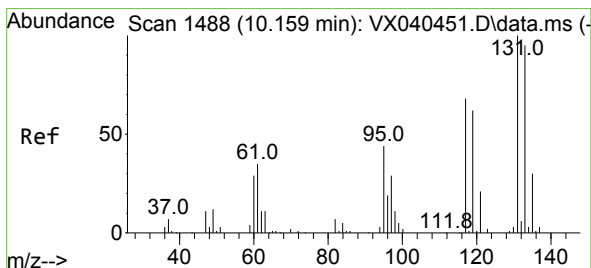
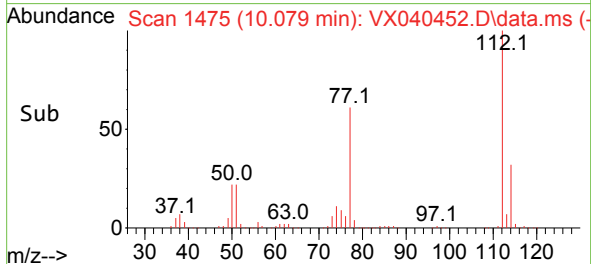
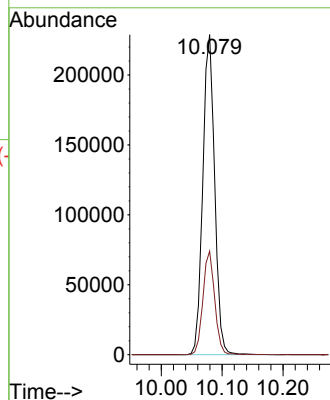
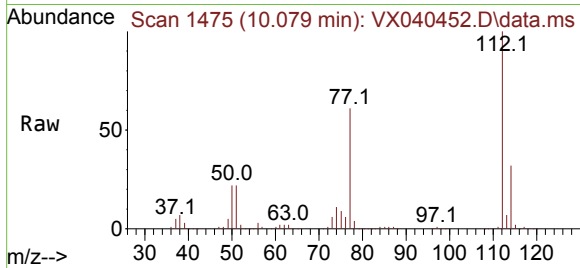




#65  
Chlorobenzene  
Concen: 100.580 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

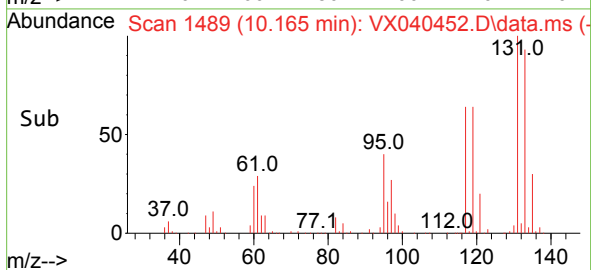
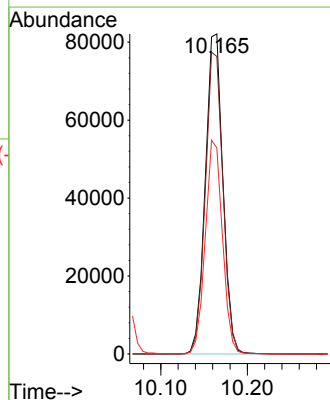
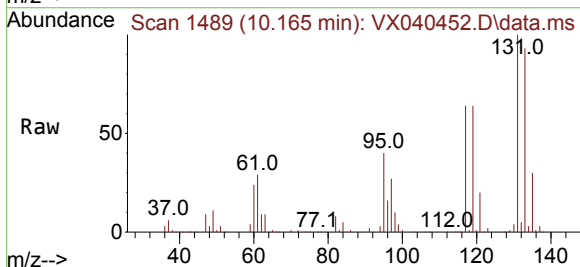
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

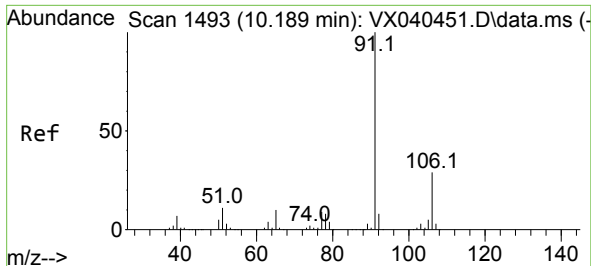
Tgt Ion:112 Resp: 310106  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 106.656 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion:131 Resp: 115888  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.1 141.4  
119 65.2 32.2 96.6

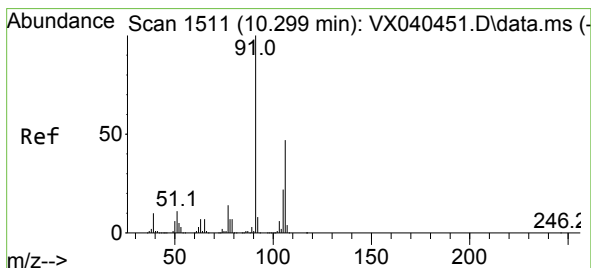
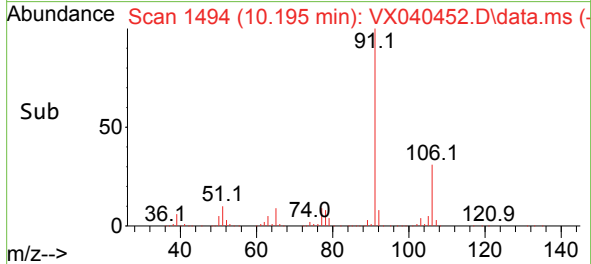
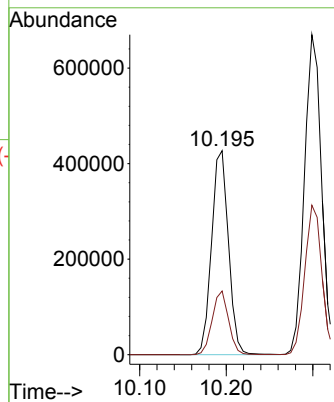
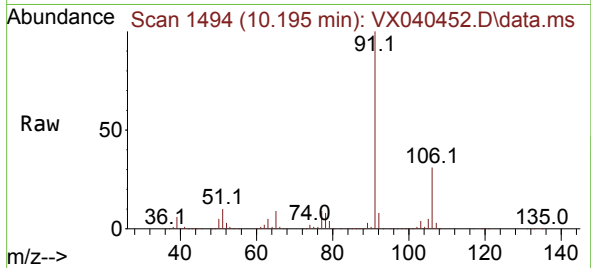




#67  
Ethyl Benzene  
Concen: 102.578 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

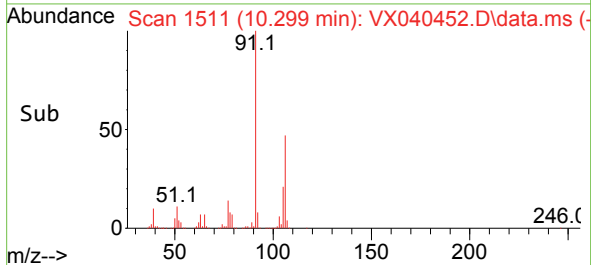
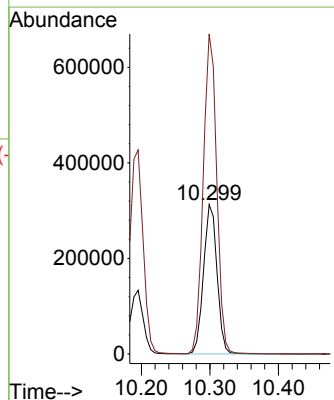
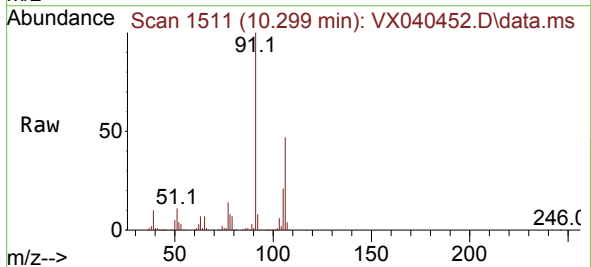
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

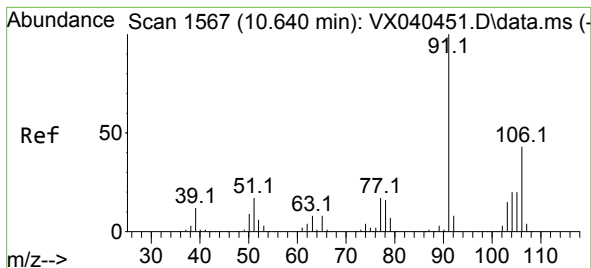
Tgt Ion: 91 Resp: 578927  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.9 37.3



#68  
m/p-Xylenes  
Concen: 203.847 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 106 Resp: 429614  
Ion Ratio Lower Upper  
106 100  
91 213.6 165.5 248.3





#69

o-Xylene

Concen: 103.623 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

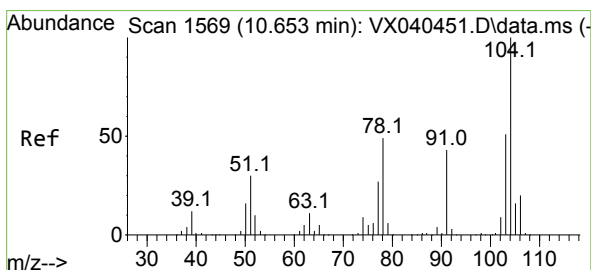
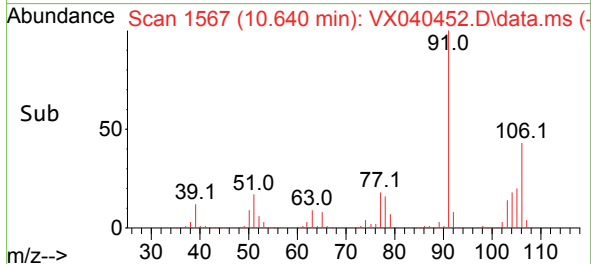
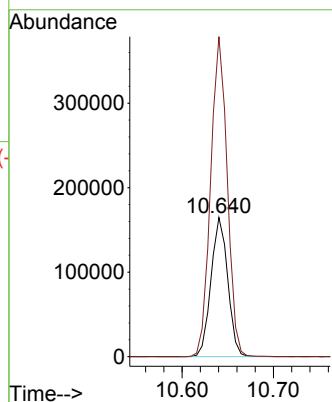
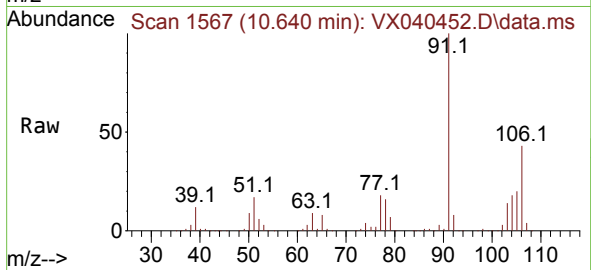
VSTDICC100

Tgt Ion:106 Resp: 208872

Ion Ratio Lower Upper

106 100

91 228.3 108.9 326.8



#70

Styrene

Concen: 106.597 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

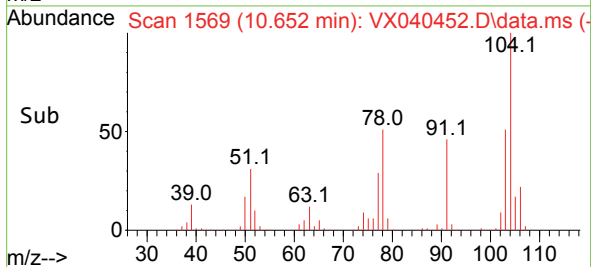
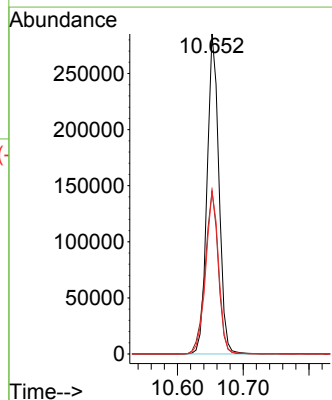
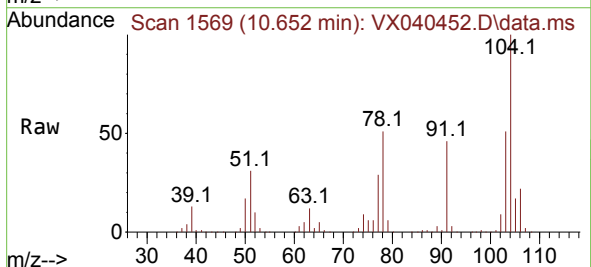
Tgt Ion:104 Resp: 358194

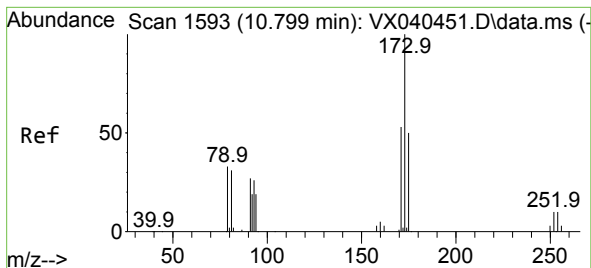
Ion Ratio Lower Upper

104 100

78 56.3 43.6 65.4

103 55.4 43.6 65.4





#71

Bromoform

Concen: 112.852 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

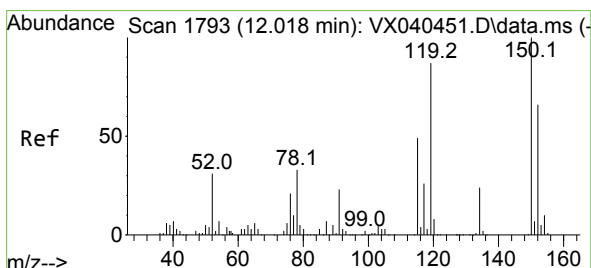
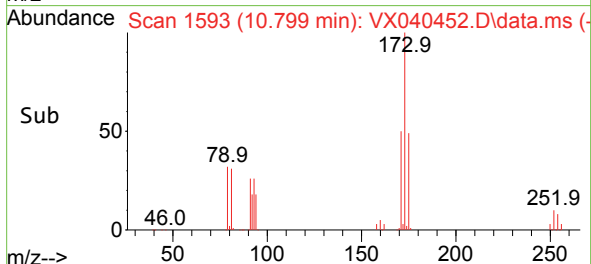
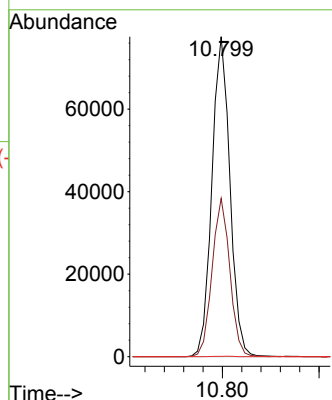
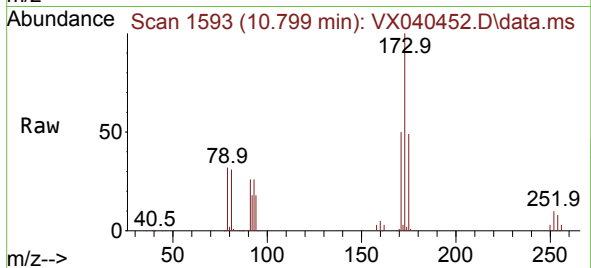
Tgt Ion:173 Resp: 100374

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

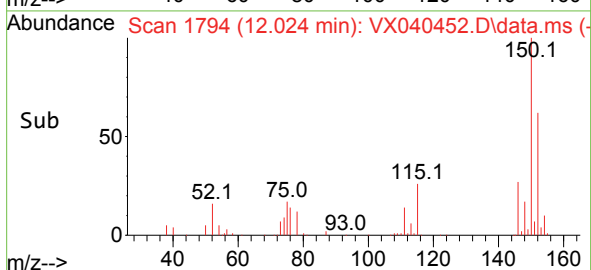
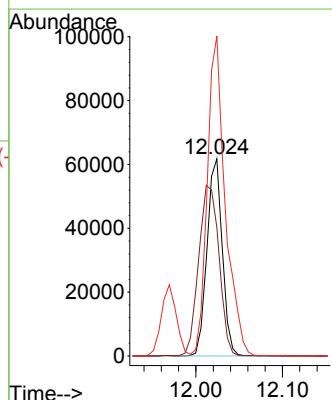
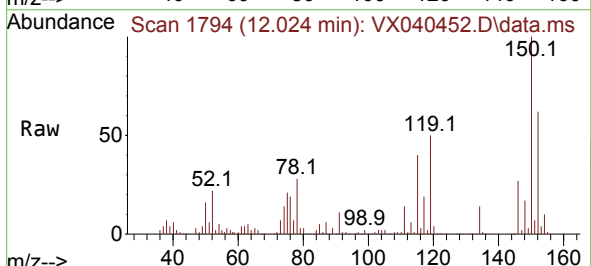
Tgt Ion:152 Resp: 75582

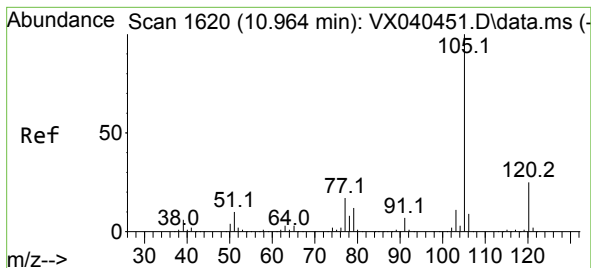
Ion Ratio Lower Upper

152 100

115 115.5 43.3 129.9

150 191.1 0.0 345.0





#73

Isopropylbenzene

Concen: 101.660 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

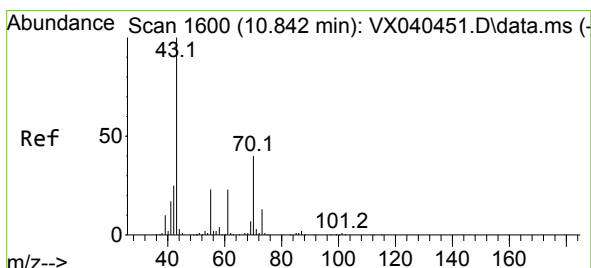
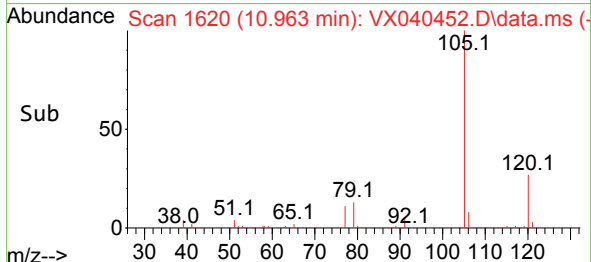
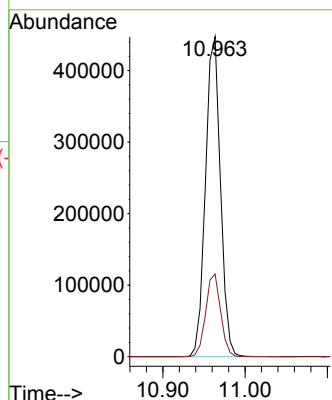
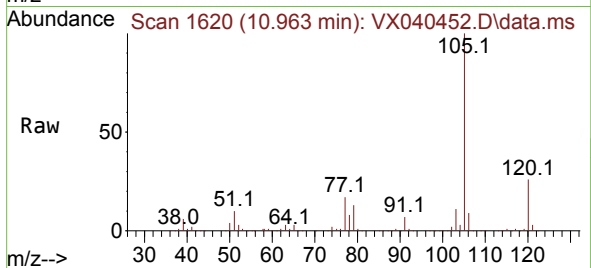
VSTDICC100

Tgt Ion:105 Resp: 565868

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 111.351 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Tgt Ion: 43 Resp: 287866

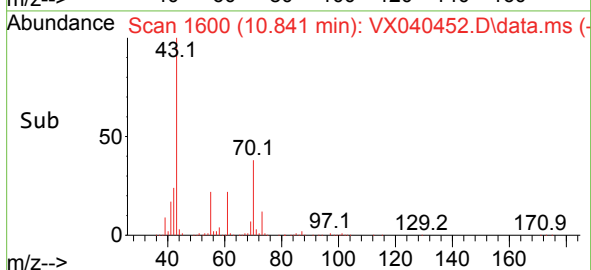
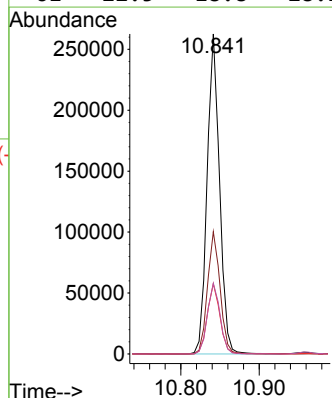
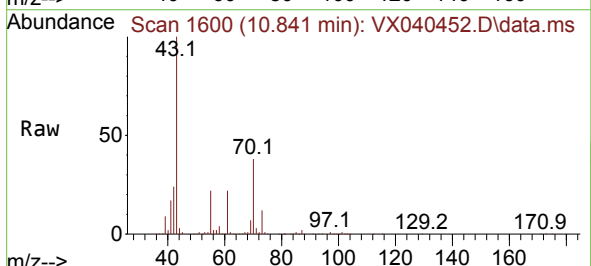
Ion Ratio Lower Upper

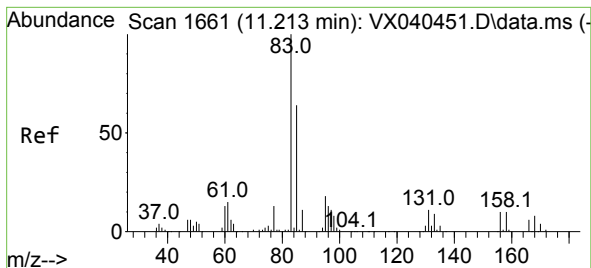
43 100

70 38.7 32.9 49.3

55 22.4 19.3 28.9

61 22.5 18.8 28.2

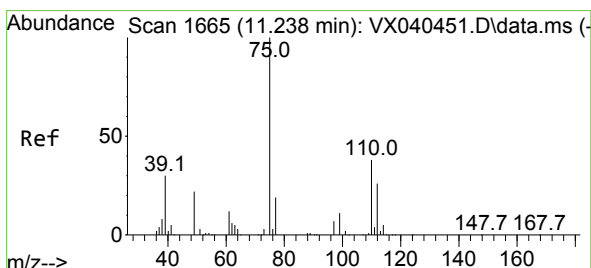
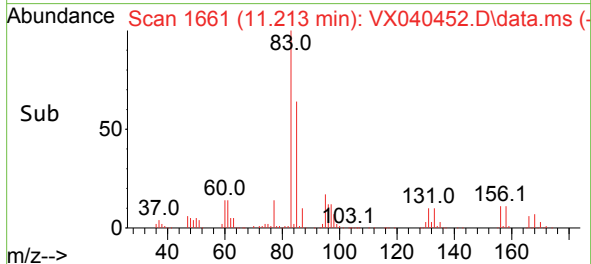
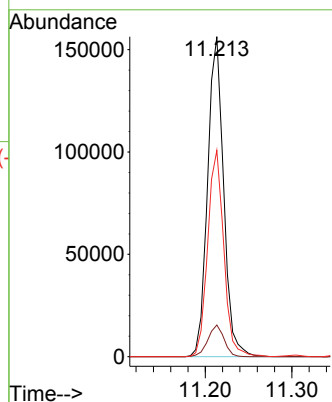
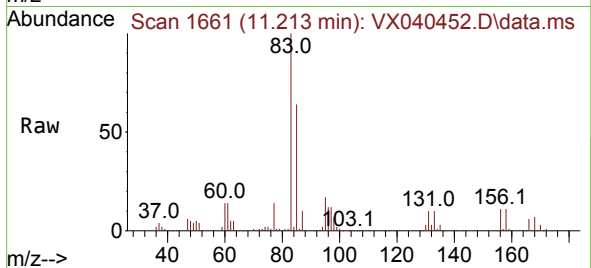




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 99.909 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: VX040452.D  
 Acq: 26 Feb 2024 11:16

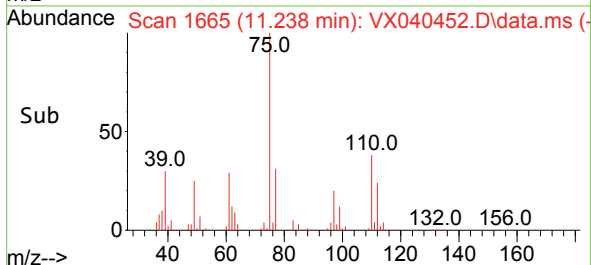
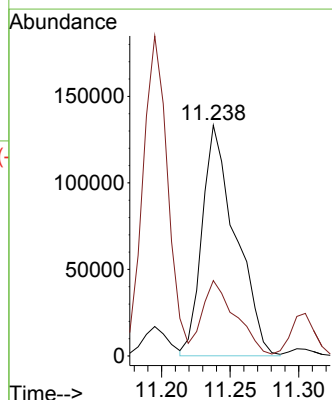
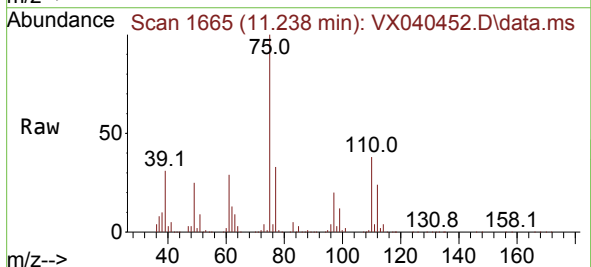
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

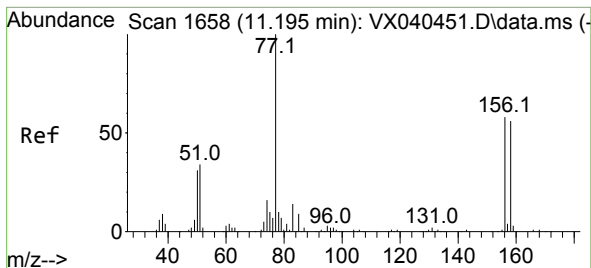
Tgt Ion: 83 Resp: 201119  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 5.3 15.8  
 85 64.8 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 136.671 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: VX040452.D  
 Acq: 26 Feb 2024 11:16

Tgt Ion: 75 Resp: 227343  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 101.871 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

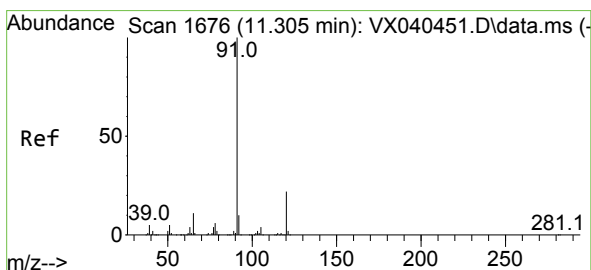
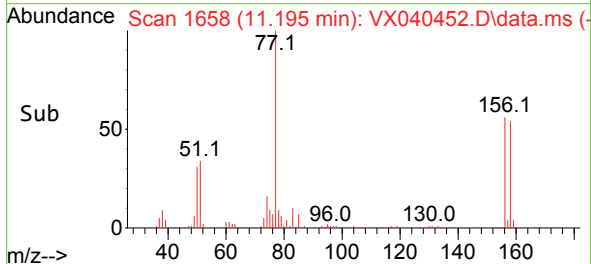
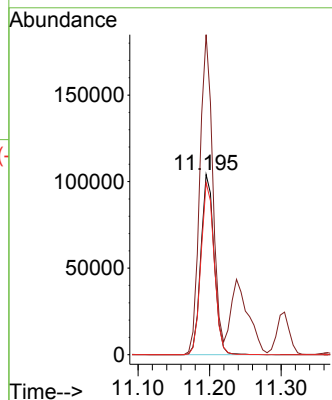
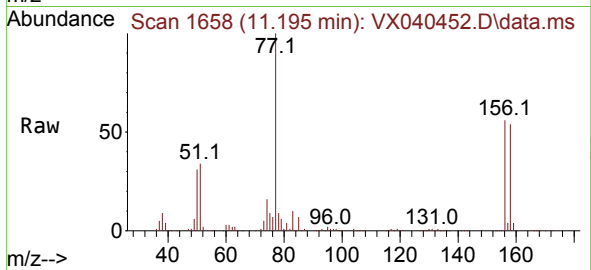
Tgt Ion:156 Resp: 134078

Ion Ratio Lower Upper

156 100

77 173.9 88.4 265.3

158 95.6 48.0 144.0



#78

n-propylbenzene

Concen: 101.398 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040452.D

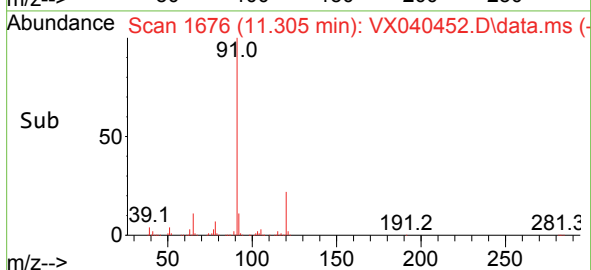
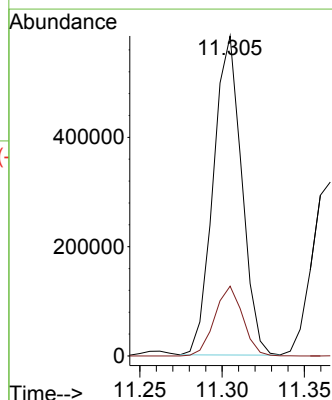
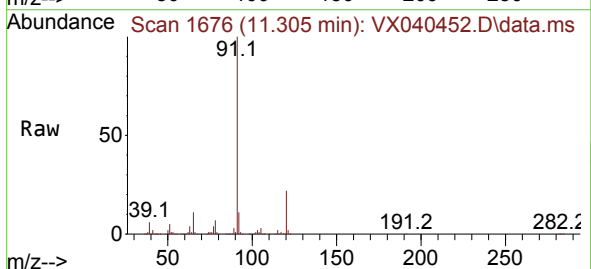
Acq: 26 Feb 2024 11:16

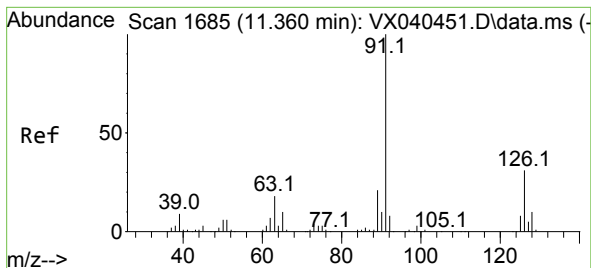
Tgt Ion: 91 Resp: 700087

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4

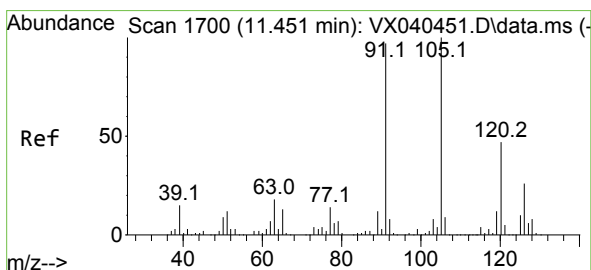
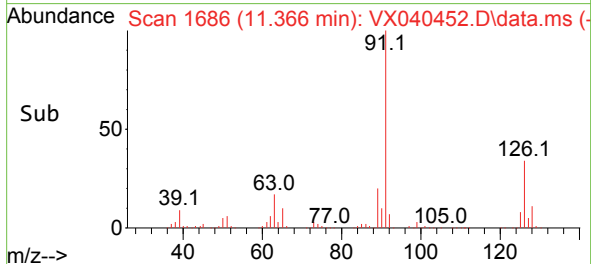
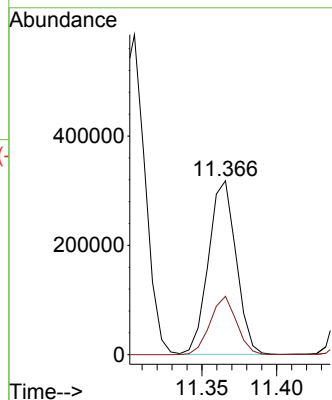
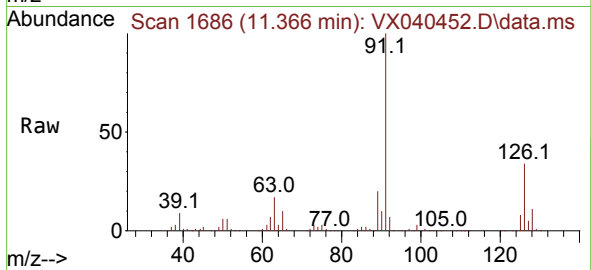




#79  
2-Chlorotoluene  
Concen: 98.396 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

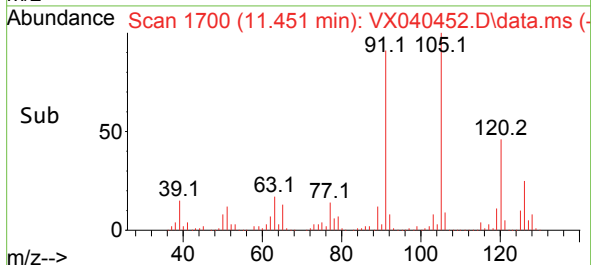
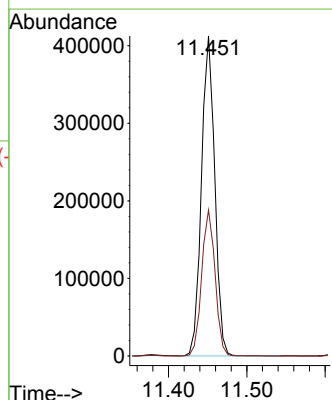
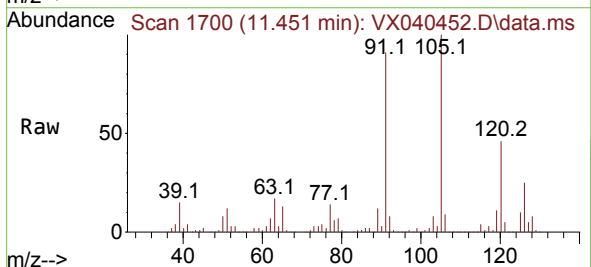
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

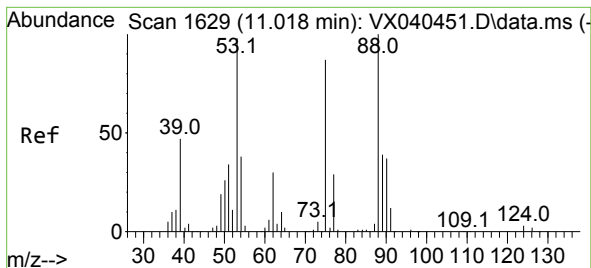
Tgt Ion: 91 Resp: 408969  
Ion Ratio Lower Upper  
91 100  
126 32.2 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 102.813 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 105 Resp: 486706  
Ion Ratio Lower Upper  
105 100  
120 46.0 24.1 72.3

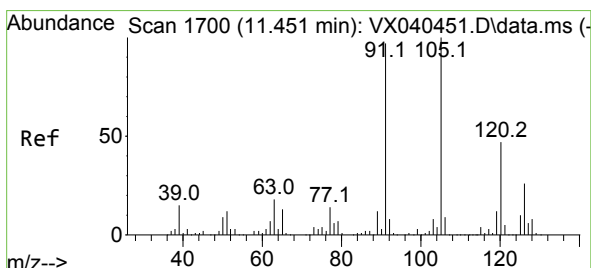
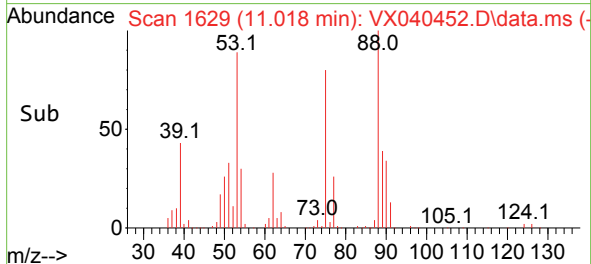
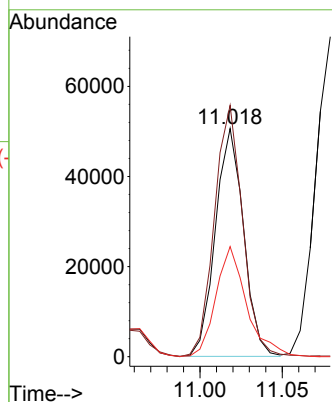
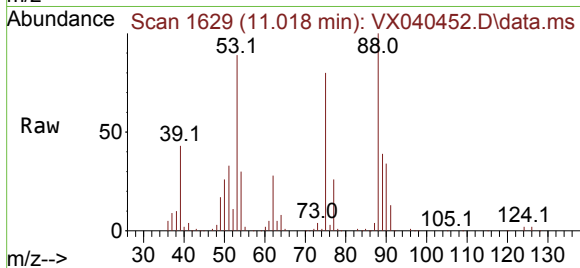




#81  
trans-1,4-Dichloro-2-butene  
Concen: 102.392 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

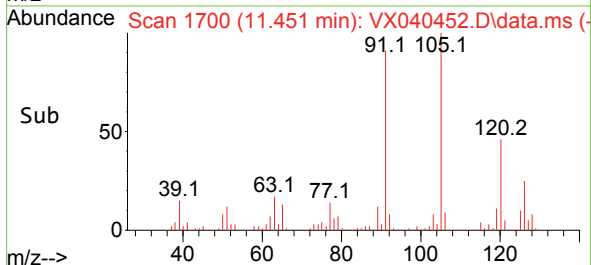
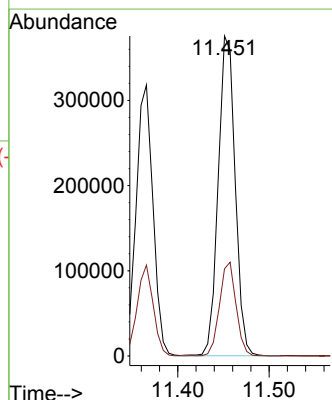
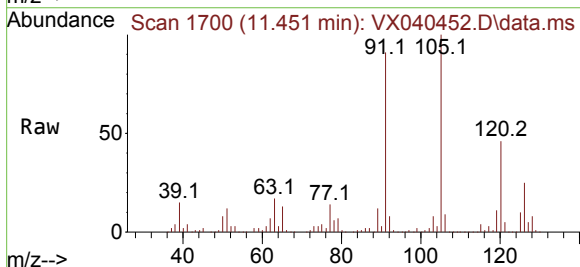
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

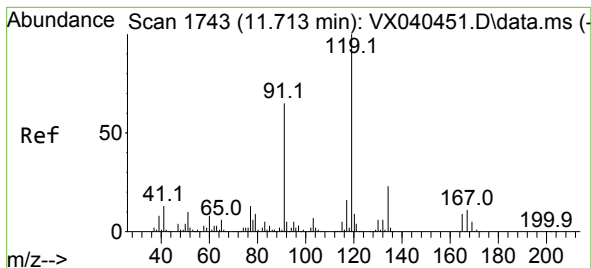
Tgt Ion: 75 Resp: 60206  
Ion Ratio Lower Upper  
75 100  
53 111.0 90.5 135.7  
89 52.9 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 100.746 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 91 Resp: 484220  
Ion Ratio Lower Upper  
91 100  
126 28.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 104.023 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

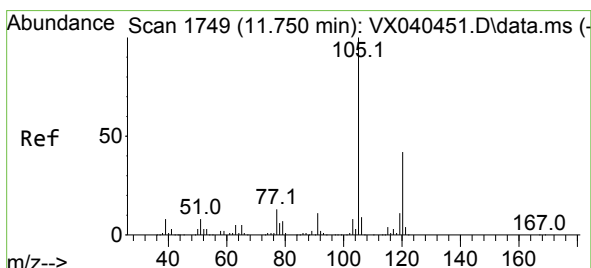
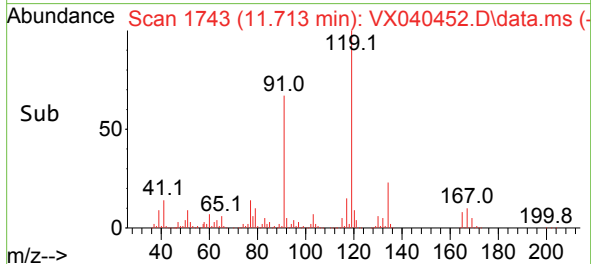
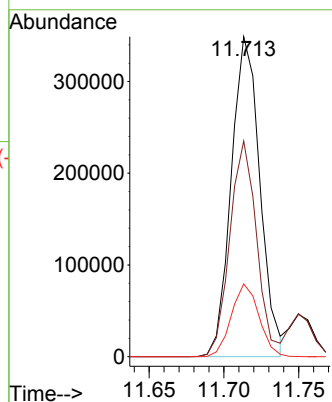
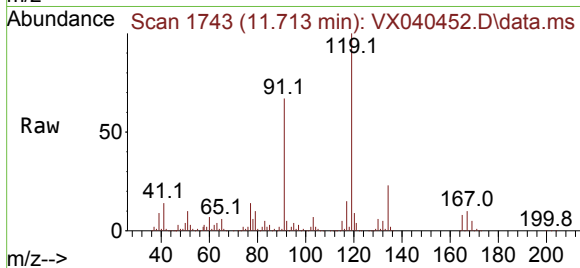
Tgt Ion:119 Resp: 464257

Ion Ratio Lower Upper

119 100

91 63.5 31.2 93.6

134 22.0 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 104.544 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040452.D

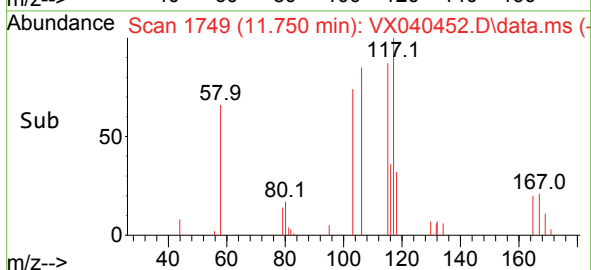
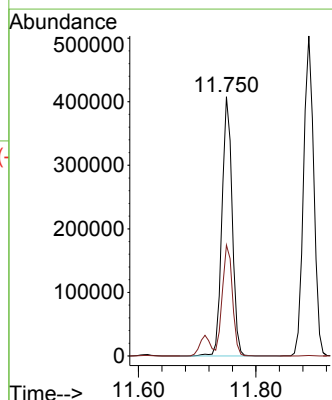
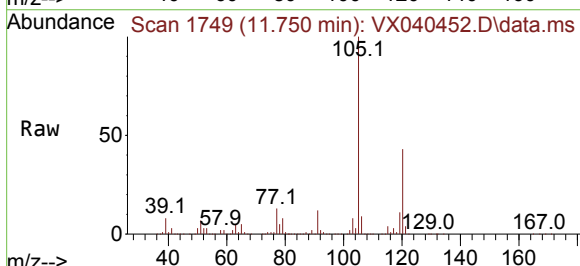
Acq: 26 Feb 2024 11:16

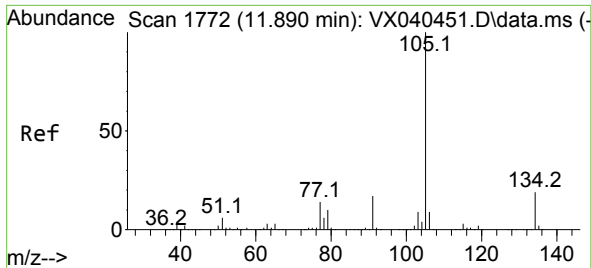
Tgt Ion:105 Resp: 491028

Ion Ratio Lower Upper

105 100

120 42.3 21.2 63.6

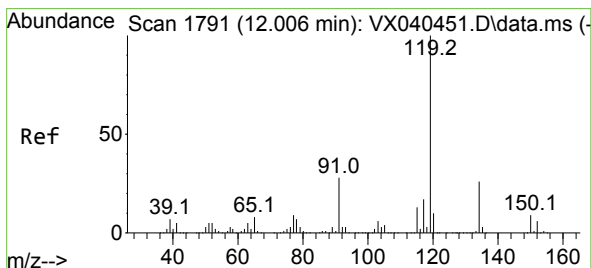
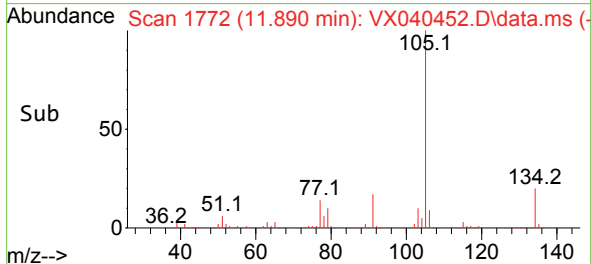
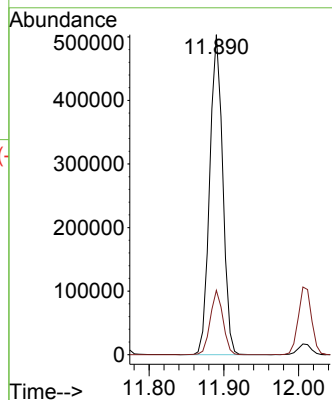
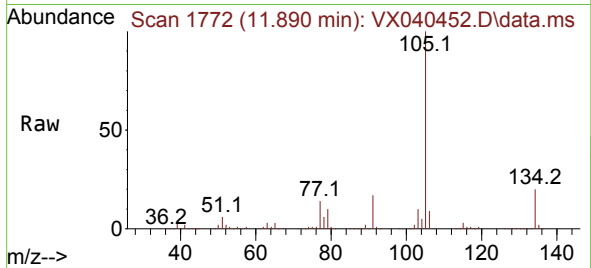




#85  
sec-Butylbenzene  
Concen: 103.623 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

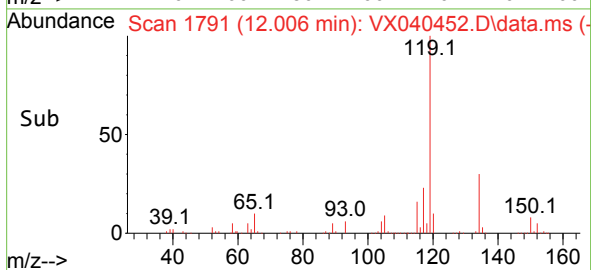
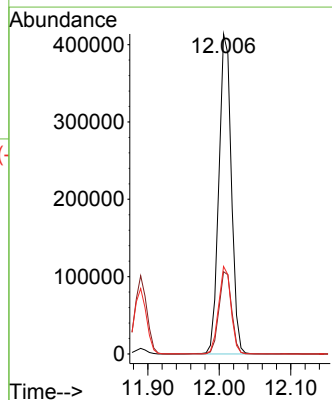
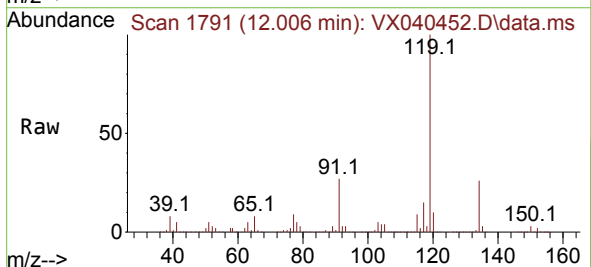
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

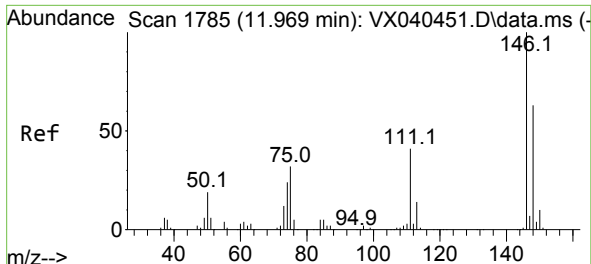
Tgt Ion:105 Resp: 607561  
Ion Ratio Lower Upper  
105 100  
134 19.6 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 103.680 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion:119 Resp: 501073  
Ion Ratio Lower Upper  
119 100  
134 26.2 12.8 38.3  
91 27.1 13.1 39.3

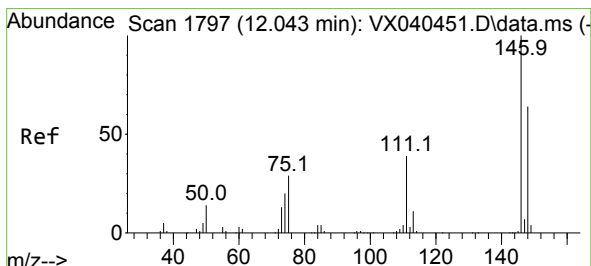
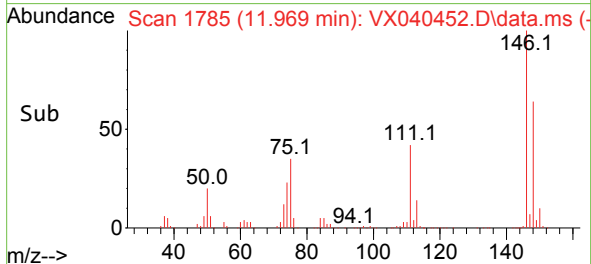
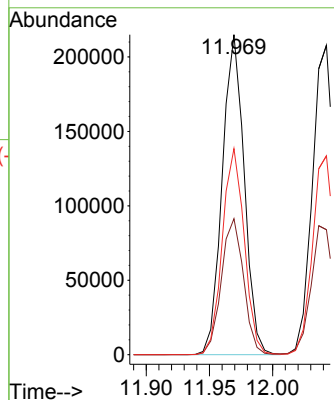
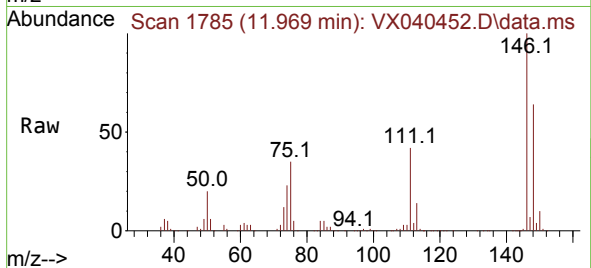




#87  
1,3-Dichlorobenzene  
Concen: 98.876 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

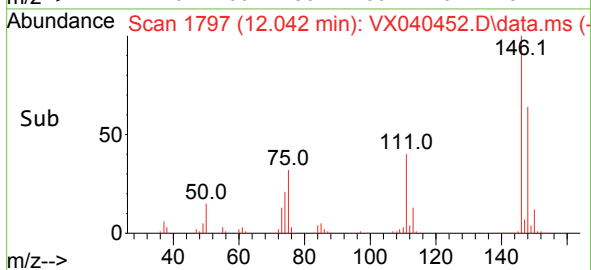
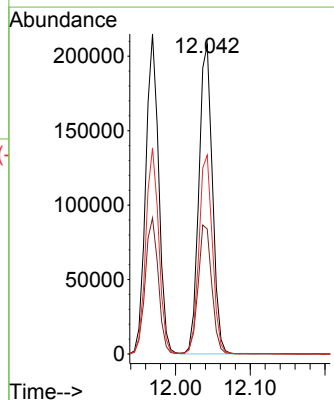
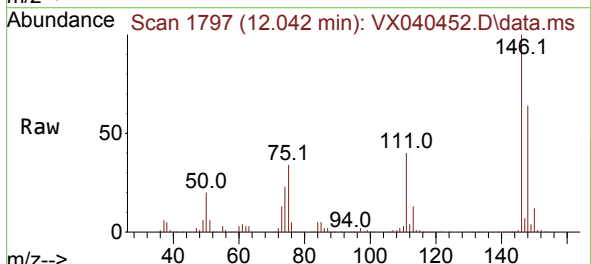
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

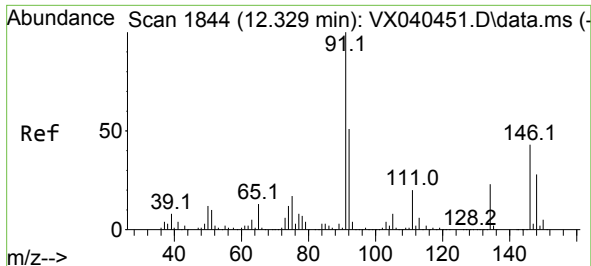
Tgt Ion:146 Resp: 259398  
Ion Ratio Lower Upper  
146 100  
111 43.0 22.1 66.1  
148 64.3 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 97.845 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion:146 Resp: 261309  
Ion Ratio Lower Upper  
146 100  
111 42.0 21.3 63.7  
148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 103.540 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

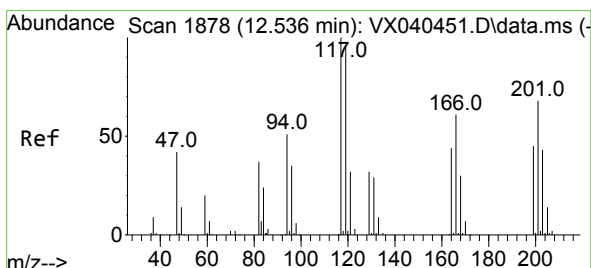
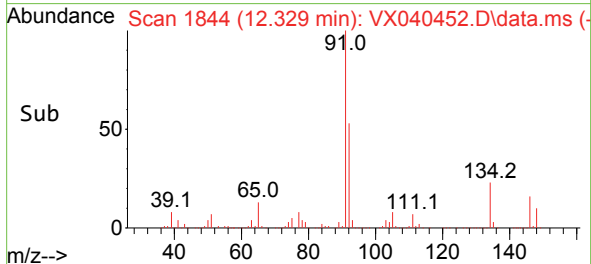
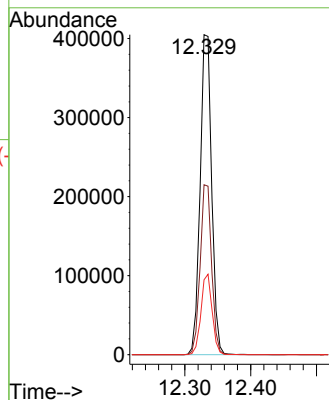
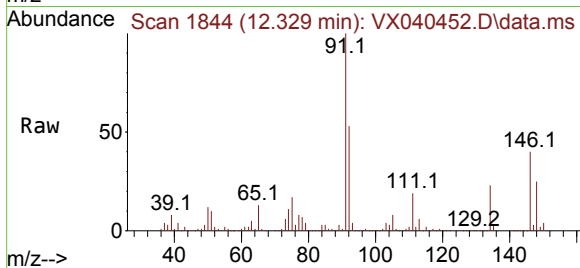
Tgt Ion: 91 Resp: 492309

Ion Ratio Lower Upper

91 100

92 52.7 27.4 82.0

134 24.3 12.6 37.8



#90

Hexachloroethane

Concen: 109.516 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX040452.D

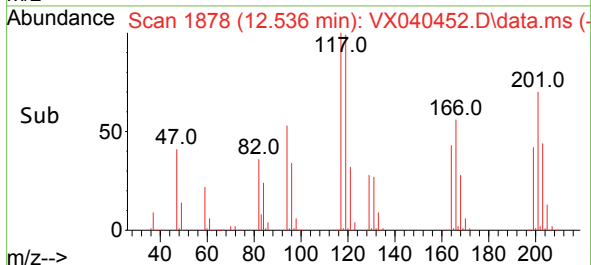
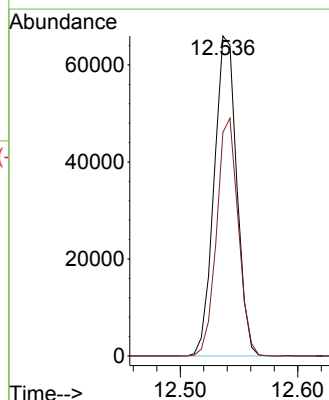
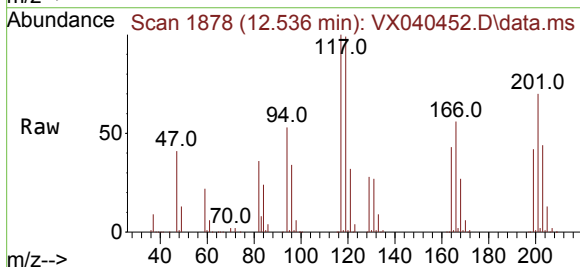
Acq: 26 Feb 2024 11:16

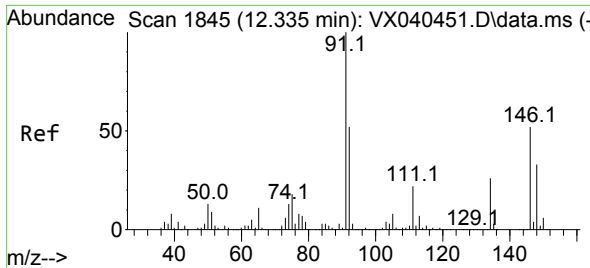
Tgt Ion: 117 Resp: 88090

Ion Ratio Lower Upper

117 100

201 71.2 32.9 98.6

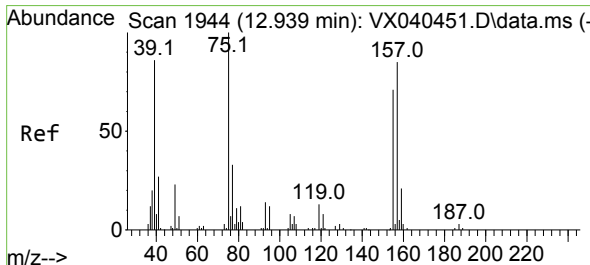
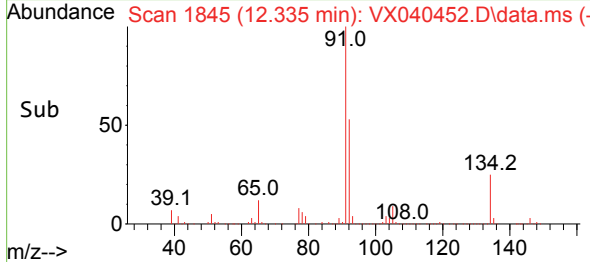
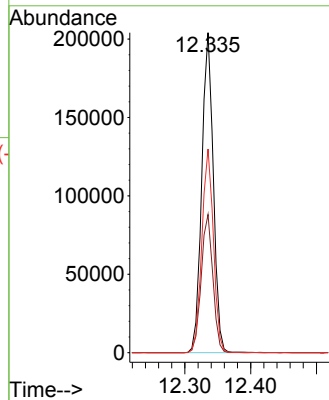
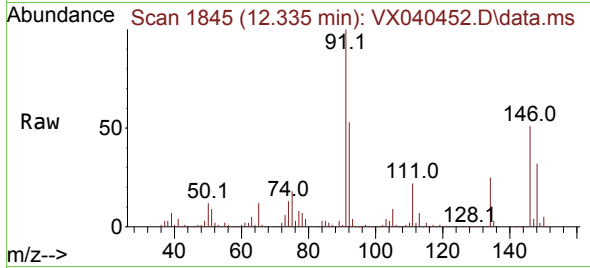




#91  
1,2-Dichlorobenzene  
Concen: 99.411 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

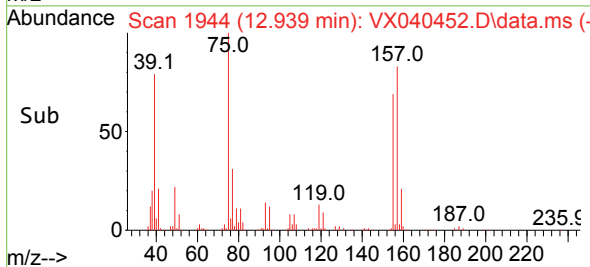
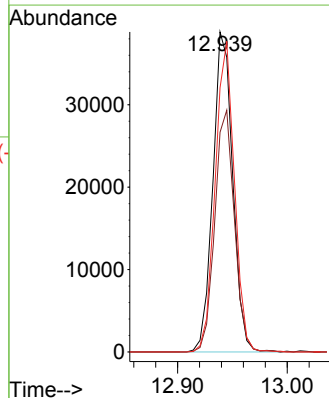
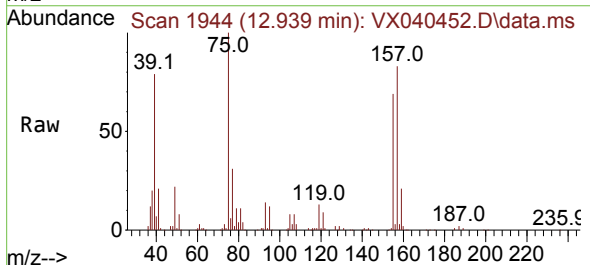
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

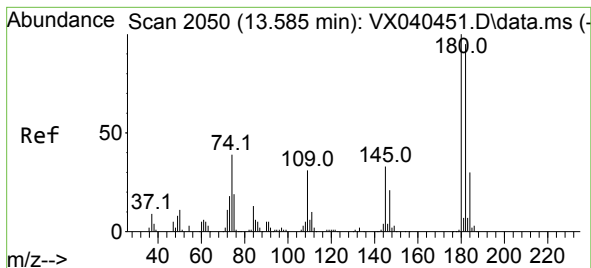
Tgt Ion:146 Resp: 248529  
Ion Ratio Lower Upper  
146 100  
111 43.6 22.4 67.0  
148 63.8 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 103.929 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion: 75 Resp: 48774  
Ion Ratio Lower Upper  
75 100  
155 75.0 36.1 108.5  
157 94.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 100.297 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

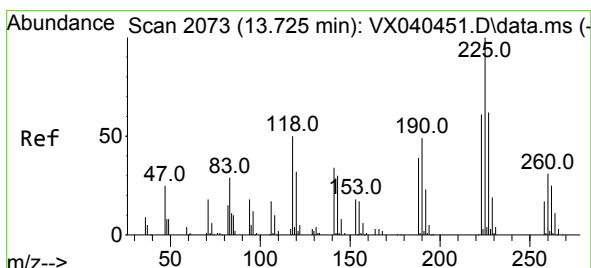
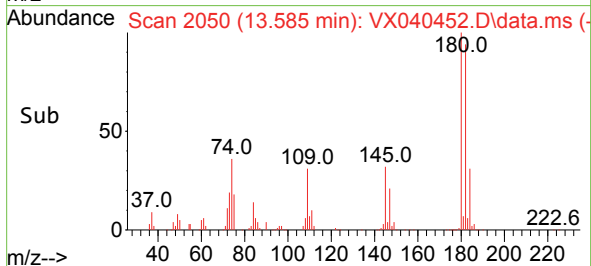
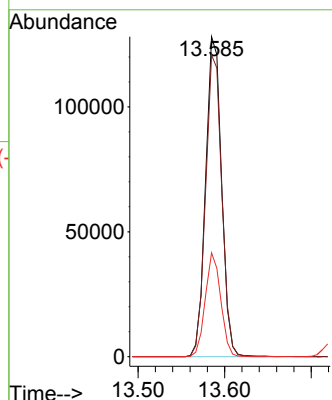
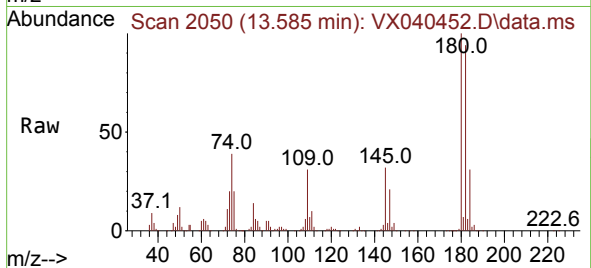
Tgt Ion:180 Resp: 163642

Ion Ratio Lower Upper

180 100

182 95.8 48.3 144.8

145 31.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 99.070 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040452.D

Acq: 26 Feb 2024 11:16

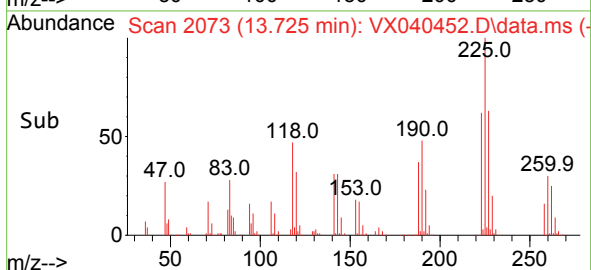
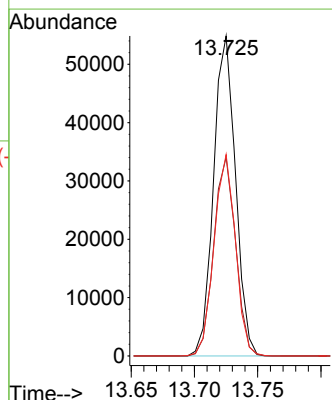
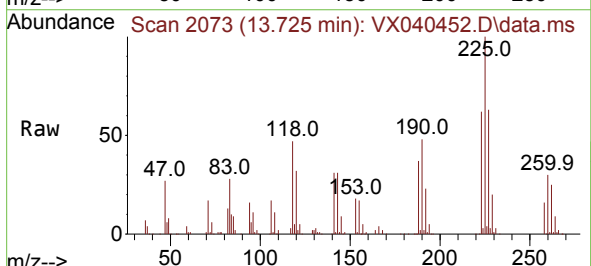
Tgt Ion:225 Resp: 66061

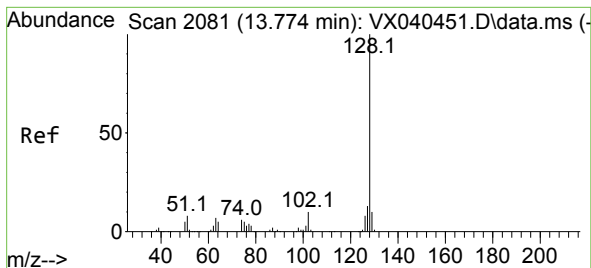
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.2

227 61.5 32.5 97.5

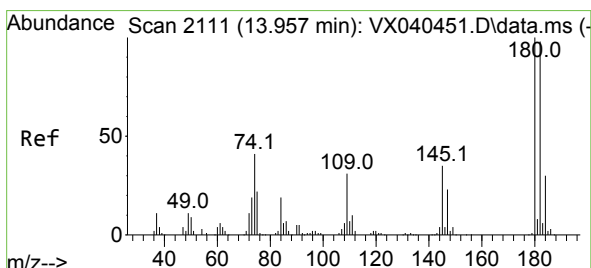
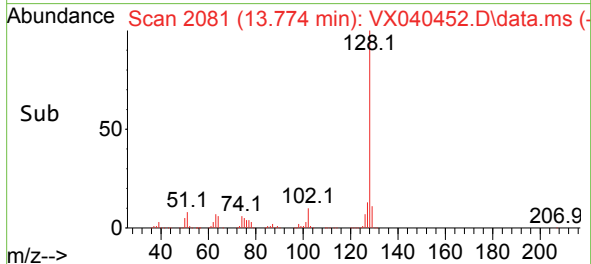
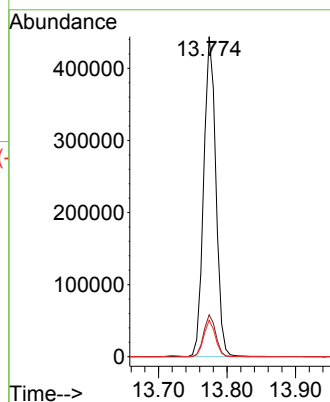
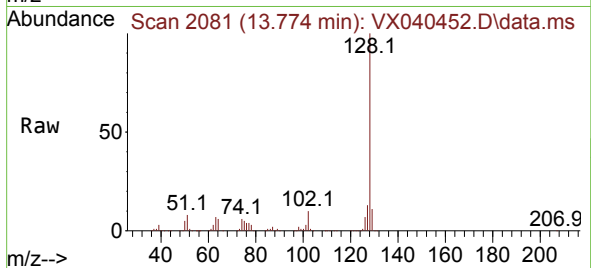




#95  
Naphthalene  
Concen: 105.511 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 550125  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 102.008 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: VX040452.D  
Acq: 26 Feb 2024 11:16

Tgt Ion:180 Resp: 158209  
Ion Ratio Lower Upper  
180 100  
182 95.3 46.9 140.6  
145 34.0 17.8 53.5

