

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092623\  
 Data File : VX037898.D  
 Acq On : 26 Sep 2023 10:20  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 27 01:10:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 253688   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 403595   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 386370   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 224699   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 160903   | 48.275   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 96.540%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 142278   | 52.686   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 105.380% |
| 50) Toluene-d8               | 8.647  | 98    | 527665   | 52.588   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 105.180% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 205848   | 56.456   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 112.920% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 111766   | 41.798   | ug/l   | 99       |
| 3) Chloromethane             | 1.294  | 50    | 117581   | 40.415   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374  | 62    | 133958   | 42.679   | ug/l   | 98       |
| 5) Bromomethane              | 1.599  | 94    | 101553   | 45.195   | ug/l   | 99       |
| 6) Chloroethane              | 1.684  | 64    | 89482    | 41.383   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 230023   | 45.585   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.130  | 74    | 84906    | 43.431   | ug/l   | 82       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 122043   | 47.657   | ug/l   | 96       |
| 10) Methyl Iodide            | 2.453  | 142   | 148207   | 43.732   | ug/l   | 93       |
| 11) Tert butyl alcohol       | 2.959  | 59    | 140736   | 196.714  | ug/l # | 91       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 110553   | 44.669   | ug/l   | 88       |
| 13) Acrolein                 | 2.233  | 56    | 167165   | 236.515  | ug/l   | 99       |
| 14) Allyl chloride           | 2.660  | 41    | 182798   | 44.346   | ug/l # | 94       |
| 15) Acrylonitrile            | 3.062  | 53    | 344267   | 216.428  | ug/l   | 99       |
| 16) Acetone                  | 2.373  | 43    | 336749   | 210.020  | ug/l   | 91       |
| 17) Carbon Disulfide         | 2.514  | 76    | 254238   | 40.972   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703  | 43    | 251208   | 43.430   | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 416316   | 45.727   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788  | 84    | 136457   | 46.030   | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 124261   | 45.215   | ug/l   | 91       |
| 22) Diisopropyl ether        | 3.757  | 45    | 394725   | 45.972   | ug/l   | 89       |
| 23) Vinyl Acetate            | 3.721  | 43    | 1447823  | 229.246  | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 232611   | 45.209   | ug/l   | 99       |
| 25) 2-Butanone               | 4.550  | 43    | 474124   | 209.541  | ug/l # | 89       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 202639   | 48.741   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 154661   | 45.904   | ug/l   | 90       |
| 28) Bromochloromethane       | 4.891  | 49    | 112681   | 46.944   | ug/l # | 79       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 292095   | 207.538  | ug/l   | 90       |
| 30) Chloroform               | 5.092  | 83    | 254632   | 45.940   | ug/l   | 96       |
| 31) Cyclohexane              | 5.470  | 56    | 188723   | 44.115   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 223570   | 47.638   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 177193   | 47.632   | ug/l   | 96       |
| 37) Ethyl Acetate            | 4.708  | 43    | 178591   | 43.669   | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 196141   | 50.392   | ug/l   | 96       |
| 39) Methylcyclohexane        | 7.379  | 83    | 226629   | 48.001   | ug/l   | 93       |
| 40) Benzene                  | 6.037  | 78    | 535625   | 46.822   | ug/l   | 99       |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 27 01:10:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 98857    | 47.407  | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 193140   | 46.713  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 303098   | 46.350  | ug/l # | 96       |
| 44) Trichloroethene           | 7.123  | 130  | 150448   | 47.225  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 140494   | 47.291  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 103482   | 48.423  | ug/l   | 92       |
| 47) Bromodichloromethane      | 7.818  | 83   | 199451   | 50.676  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.689  | 41   | 143127   | 45.785  | ug/l # | 86       |
| 49) 1,4-Dioxane               | 7.653  | 88   | 66187    | 807.601 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 942262   | 227.107 | ug/l   | 94       |
| 52) Toluene                   | 8.720  | 92   | 356315   | 48.330  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 218989   | 53.213  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 230938   | 50.705  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 152941   | 49.203  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 226285   | 48.764  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 240852   | 47.883  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 526522   | 242.989 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 741036   | 229.395 | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.518  | 129  | 164446   | 53.106  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 161570   | 49.094  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 125791   | 47.739  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 397886   | 47.742  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 149997   | 50.787  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 708710   | 49.049  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 552516   | 98.958  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 273481   | 48.846  | ug/l   | 97       |
| 70) Styrene                   | 10.652 | 104  | 463704   | 51.589  | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 125574   | 53.822  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 736465   | 44.675  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 288945   | 43.279  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 249890   | 43.102  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 266729   | 51.323  | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 184489   | 45.215  | ug/l   | 88       |
| 78) n-propylbenzene           | 11.305 | 91   | 878448   | 47.184  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 503659   | 43.876  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 636355   | 45.710  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 74905    | 46.170  | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 600307   | 46.451  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 637377   | 45.300  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 635759   | 45.899  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 816047   | 47.806  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 692428   | 48.688  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 362169   | 47.617  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 370048   | 47.545  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 661528   | 53.097  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 119249   | 49.488  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 360658   | 46.443  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 51322    | 44.408  | ug/l   | 76       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 251668   | 55.018  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 115392   | 54.019  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 744994   | 48.157  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 240780   | 51.150  | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

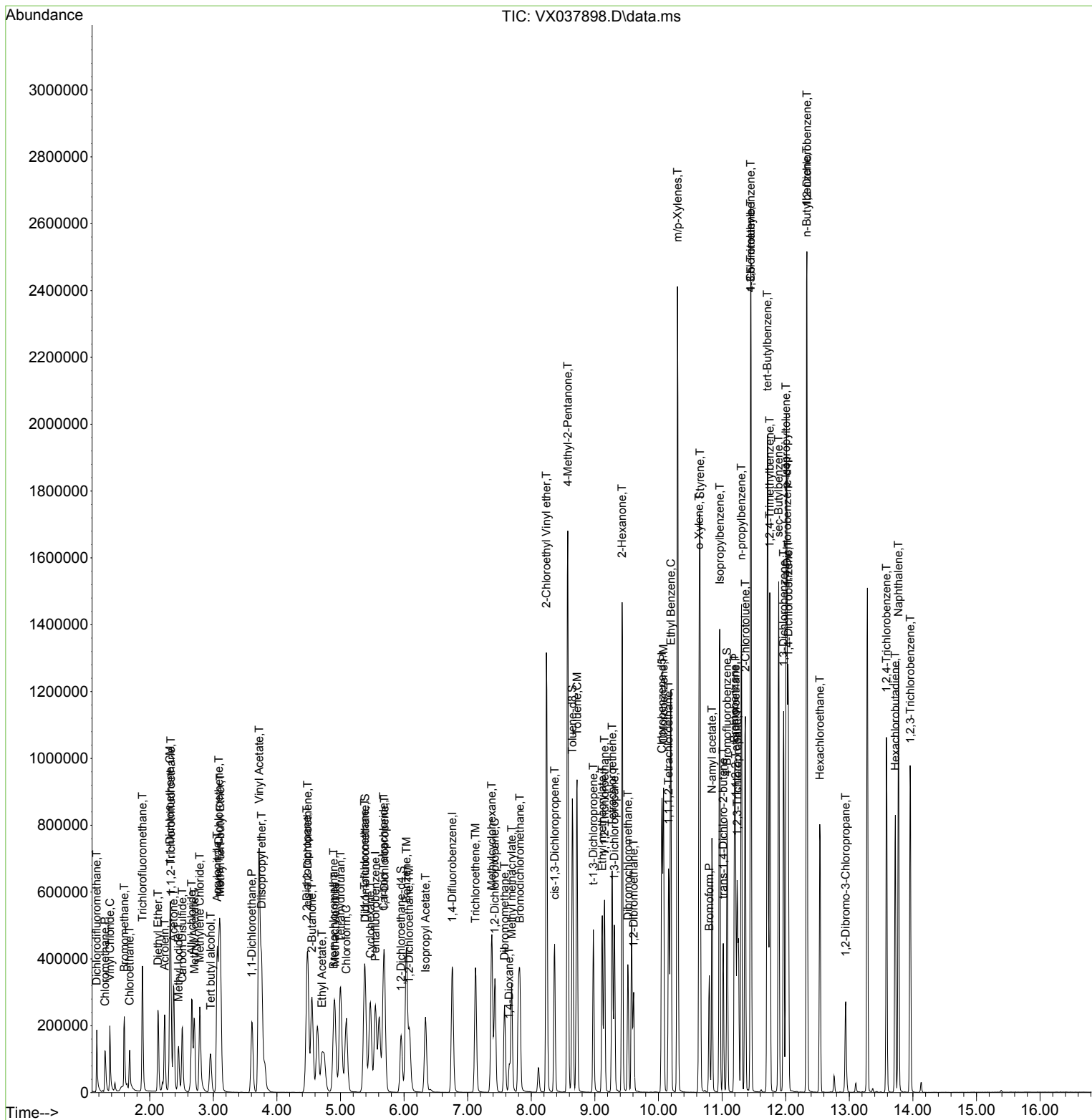
Instrument :  
MSVOA\_X  
ClientSampleId :

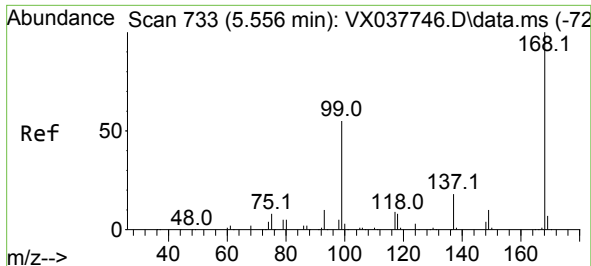
Quant Time: Sep 27 01:10:16 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
Response via : Initial Calibration

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

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

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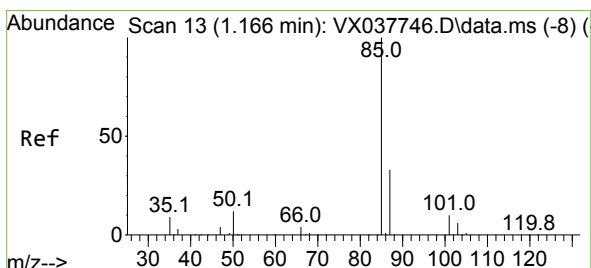
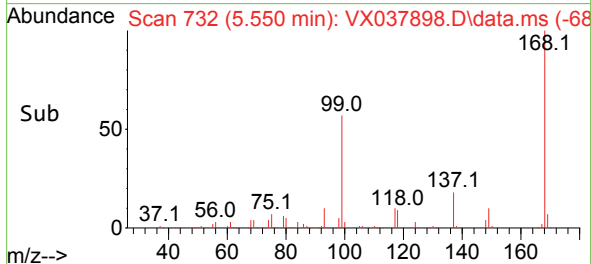
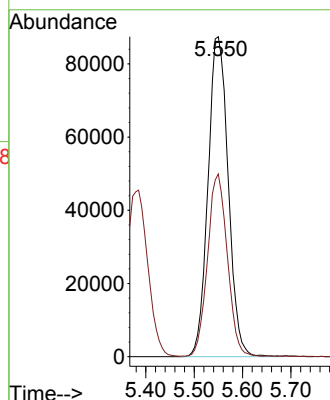
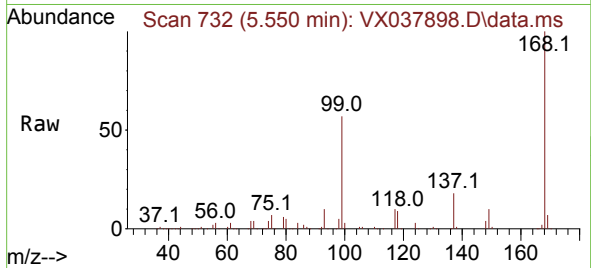




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

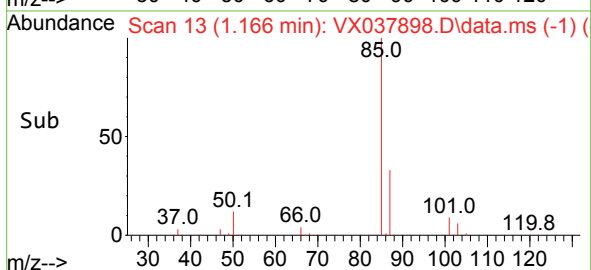
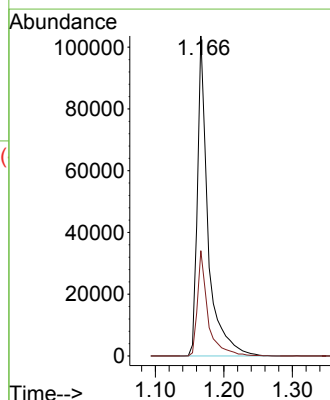
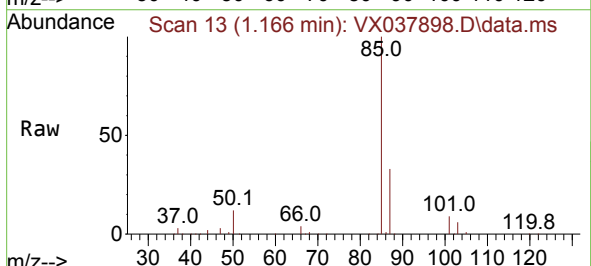
Instrument :  
MSVOA\_X  
ClientSampleId :

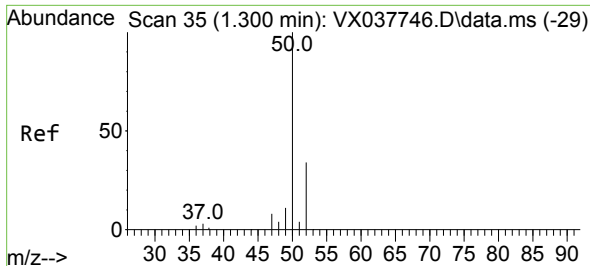
Tgt Ion:168 Resp: 253688  
Ion Ratio Lower Upper  
168 100  
99 57.0 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 41.798 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion: 85 Resp: 111766  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.7 50.1

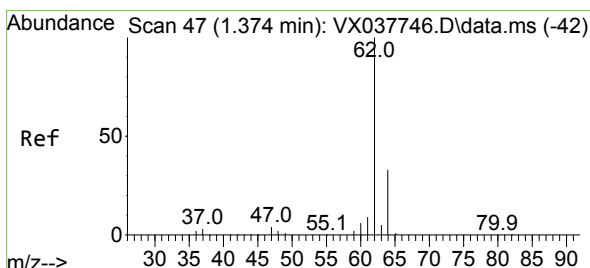
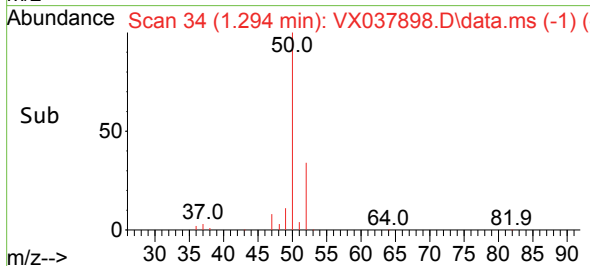
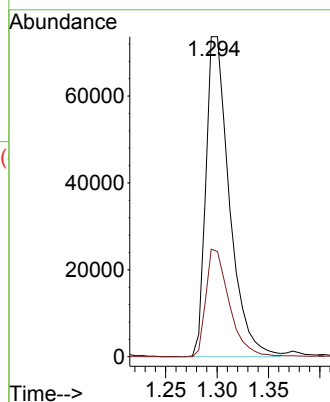
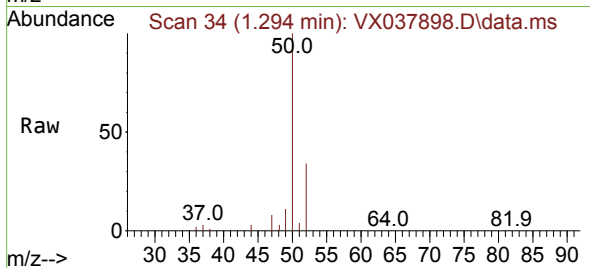




#3  
Chloromethane  
Concen: 40.415 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

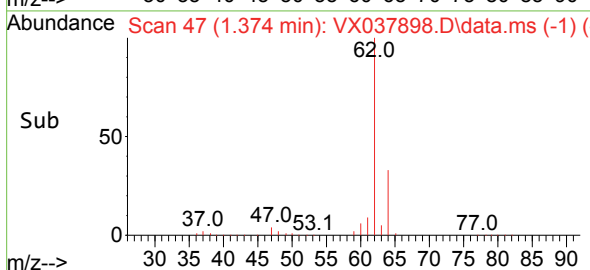
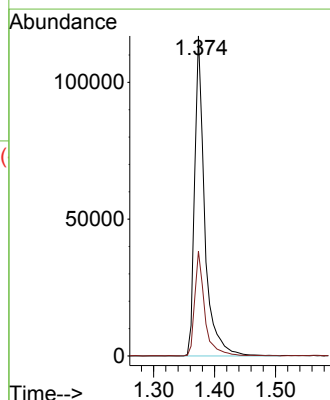
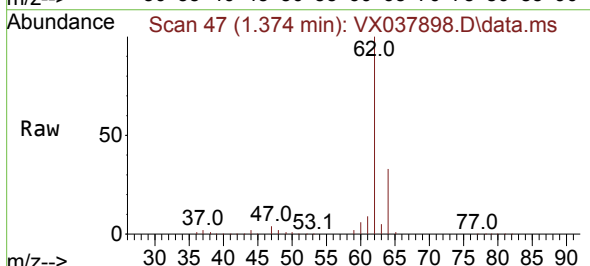
Instrument :  
MSVOA\_X  
ClientSampleId :

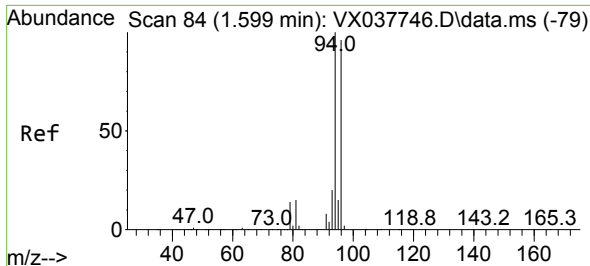
Tgt Ion: 50 Resp: 117581  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.5 38.3



#4  
Vinyl Chloride  
Concen: 42.679 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion: 62 Resp: 133958  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.4 38.0

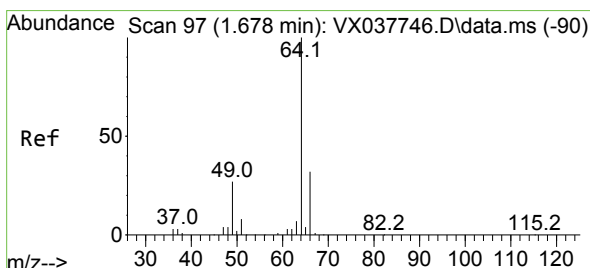
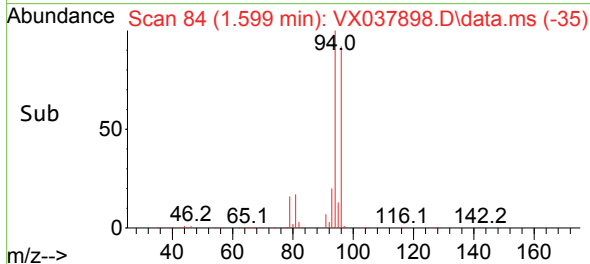
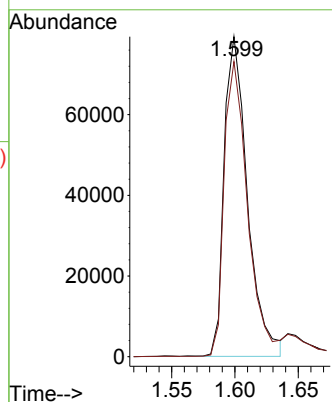
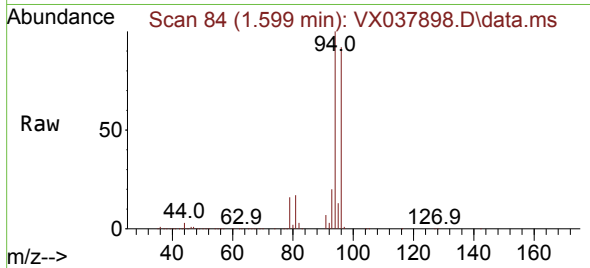




#5  
Bromomethane  
Concen: 45.195 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

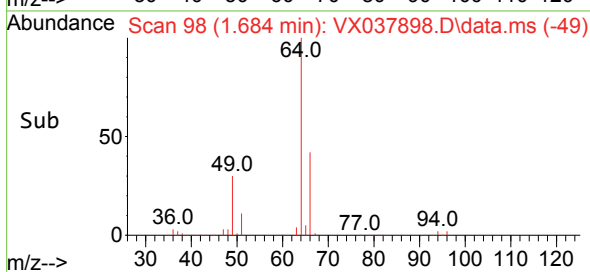
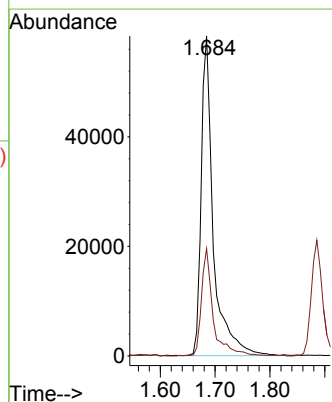
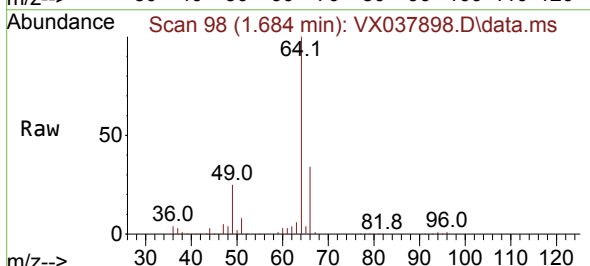
Instrument :  
MSVOA\_X  
ClientSampleId :

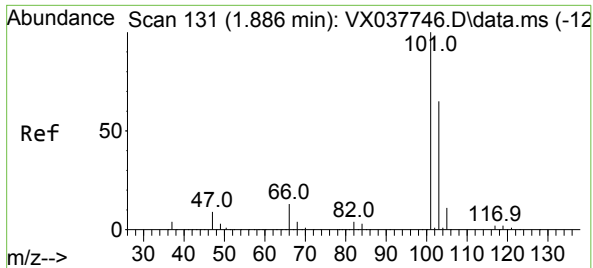
Tgt Ion: 94 Resp: 101553  
Ion Ratio Lower Upper  
94 100  
96 92.3 74.6 111.8



#6  
Chloroethane  
Concen: 41.383 ug/l  
RT: 1.684 min Scan# 98  
Delta R.T. -0.001 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion: 64 Resp: 89482  
Ion Ratio Lower Upper  
64 100  
66 33.4 25.1 37.7

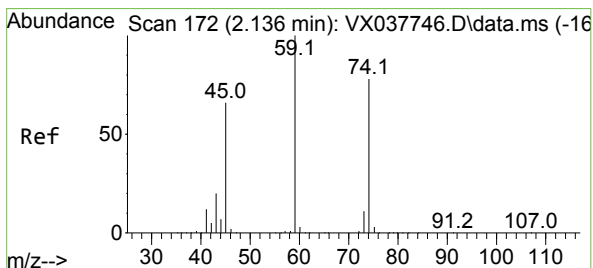
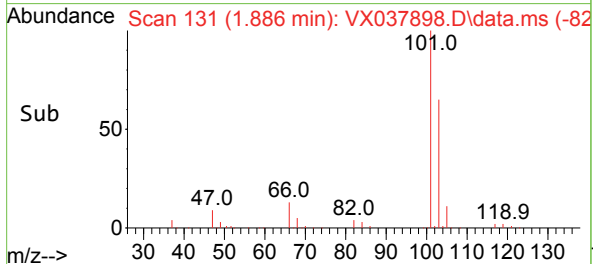
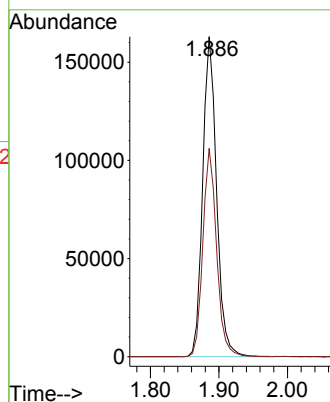
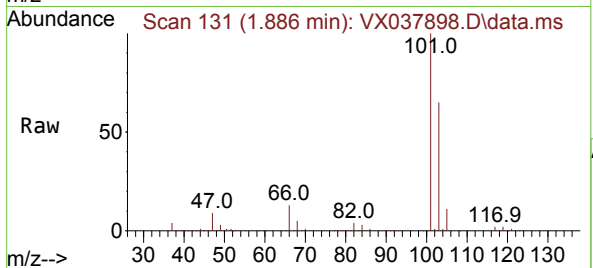




#7  
Trichlorofluoromethane  
Concen: 45.585 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

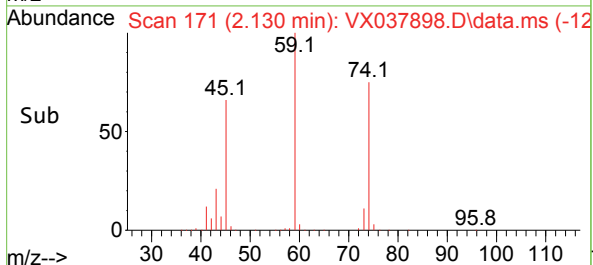
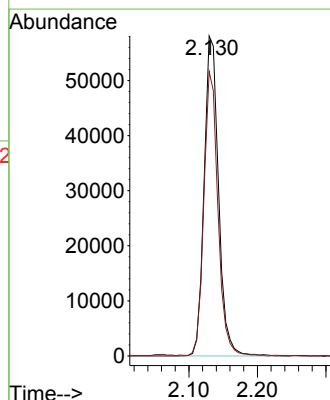
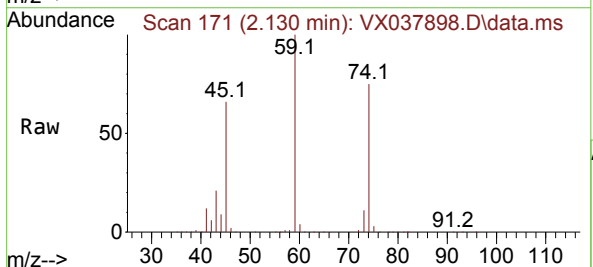
Instrument :  
MSVOA\_X  
ClientSampleId :

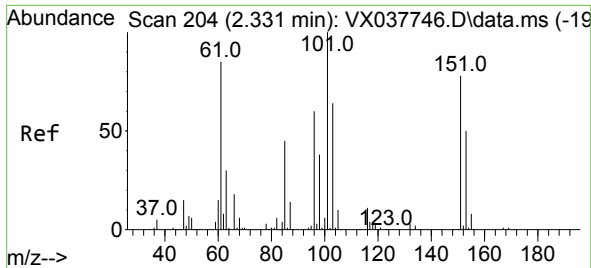
Tgt Ion:101 Resp: 230023  
Ion Ratio Lower Upper  
101 100  
103 65.1 51.4 77.2



#8  
Diethyl Ether  
Concen: 43.431 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion: 74 Resp: 84906  
Ion Ratio Lower Upper  
74 100  
45 87.6 53.3 159.8

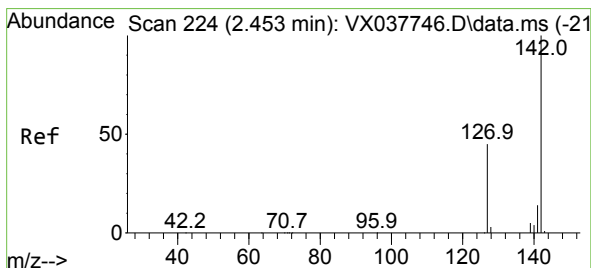
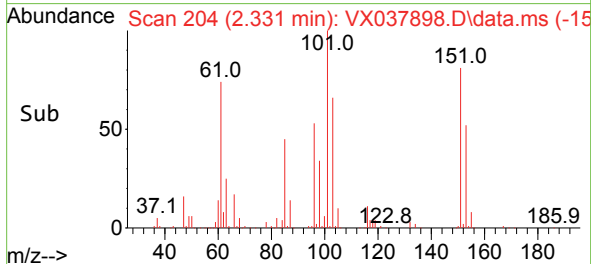
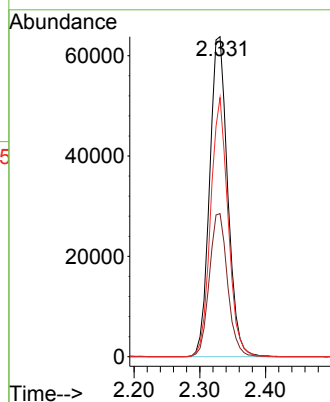
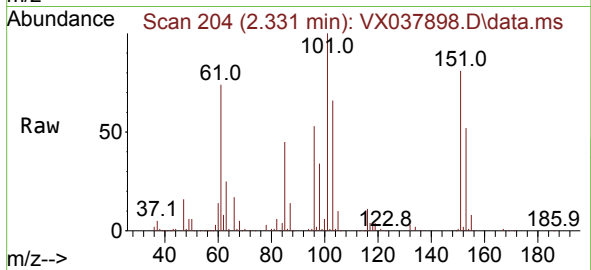




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.657 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

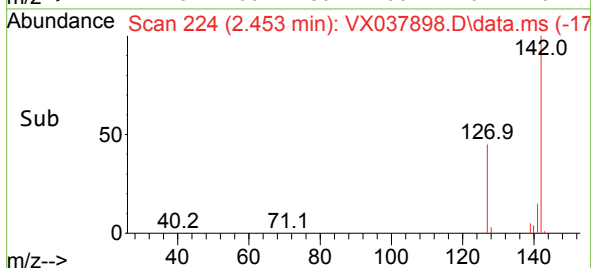
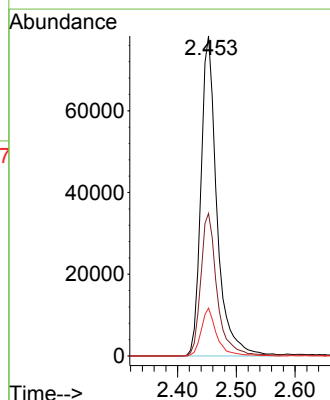
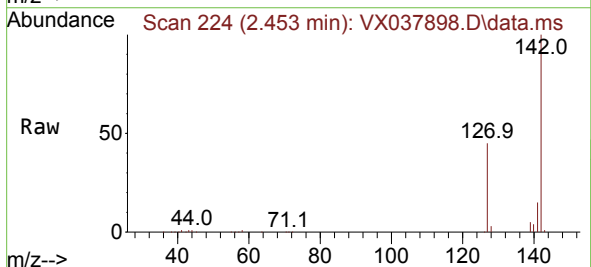
Instrument :  
MSVOA\_X  
ClientSampleId :

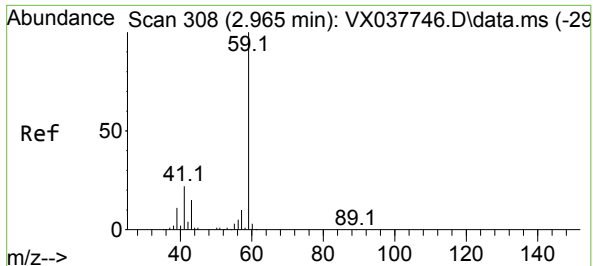
Tgt Ion:101 Resp: 122043  
Ion Ratio Lower Upper  
101 100  
85 45.1 37.0 55.6  
151 78.1 58.6 87.8



#10  
Methyl Iodide  
Concen: 43.732 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion:142 Resp: 148207  
Ion Ratio Lower Upper  
142 100  
127 45.5 41.6 62.4  
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 196.714 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

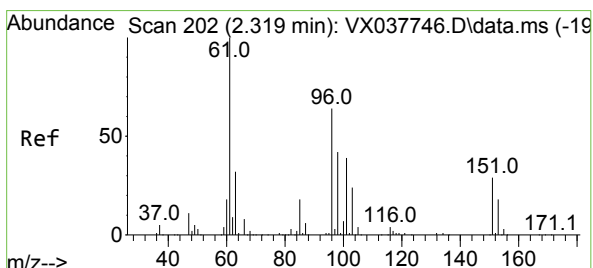
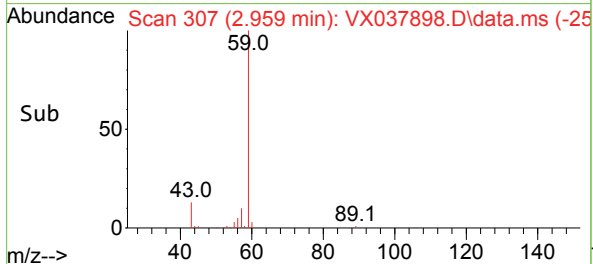
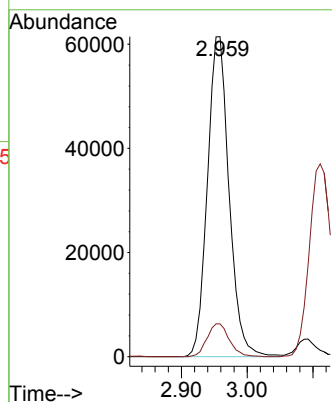
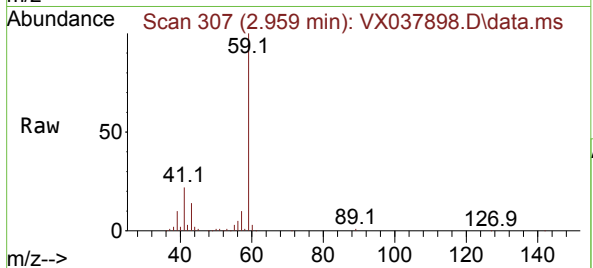
ClientSampleId :

Tgt Ion: 59 Resp: 140736

Ion Ratio Lower Upper

59 100

57 10.6 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 44.669 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

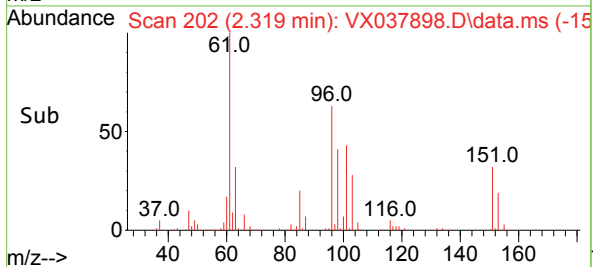
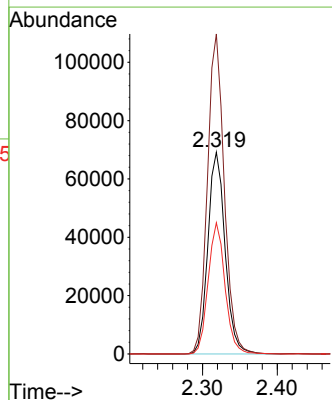
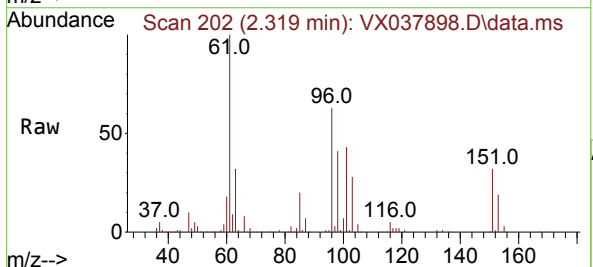
Tgt Ion: 96 Resp: 110553

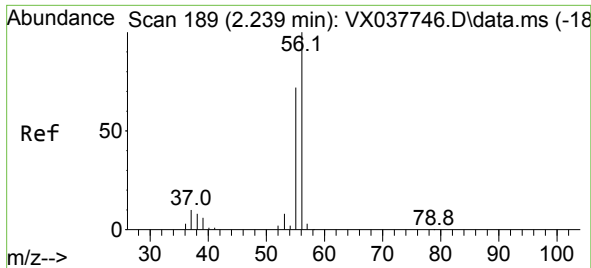
Ion Ratio Lower Upper

96 100

61 158.6 144.6 216.8

98 65.0 50.4 75.6





#13

Acrolein

Concen: 236.515 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

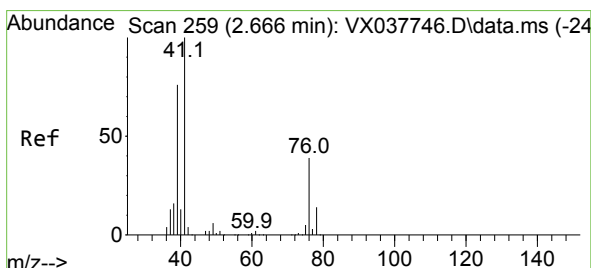
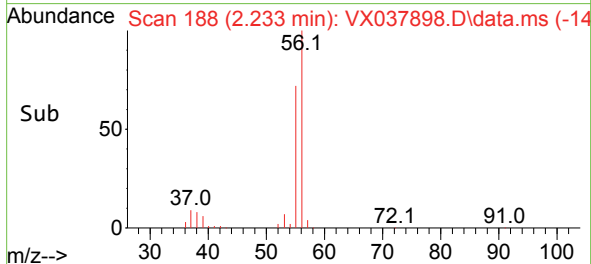
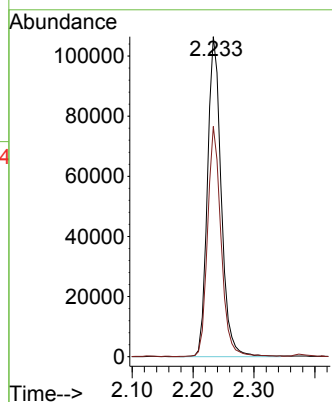
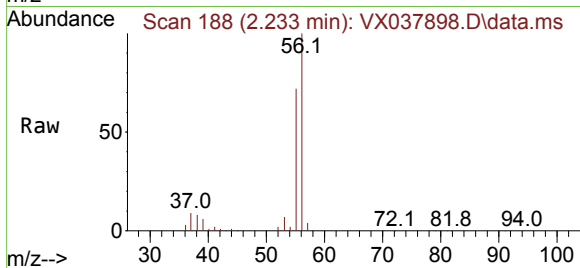
ClientSampleId :

Tgt Ion: 56 Resp: 167165

Ion Ratio Lower Upper

56 100

55 70.3 57.1 85.7



#14

Allyl chloride

Concen: 44.346 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

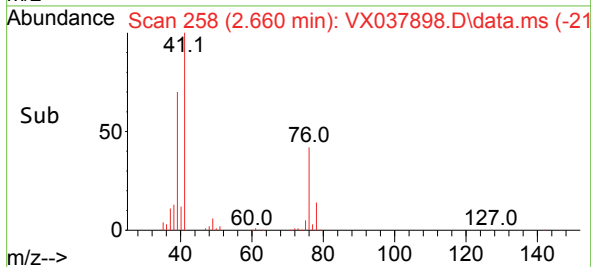
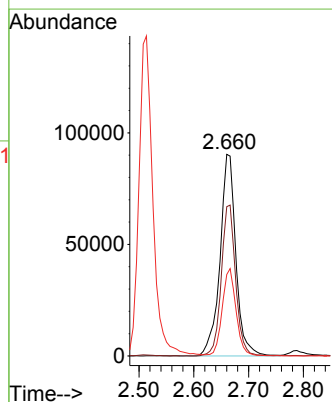
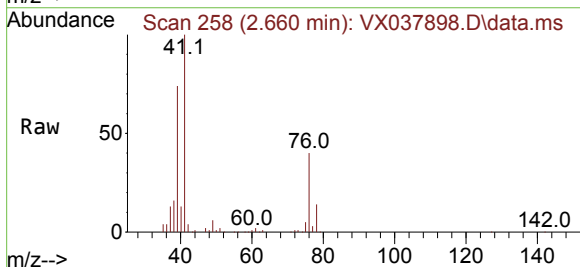
Tgt Ion: 41 Resp: 182798

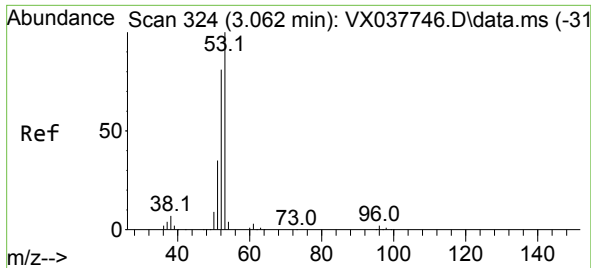
Ion Ratio Lower Upper

41 100

39 67.7 55.8 83.6

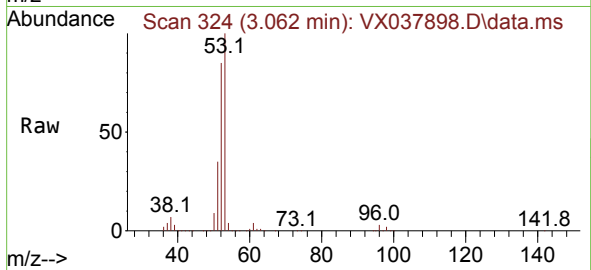
76 37.9 24.3 36.5



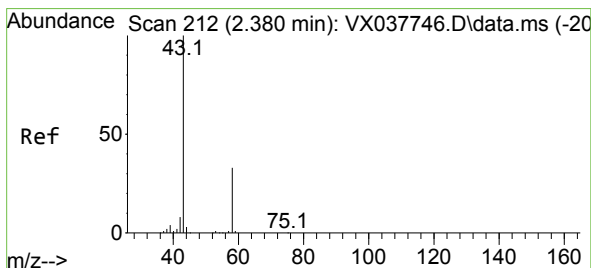
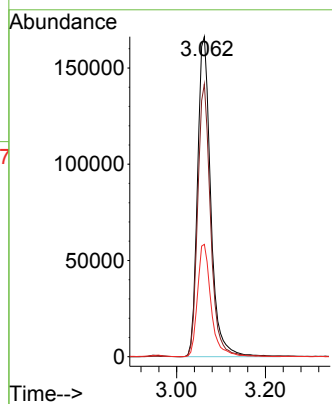
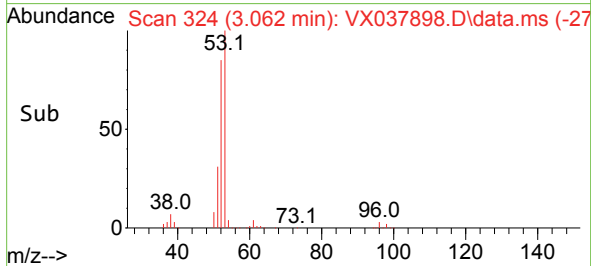


#15  
Acrylonitrile  
Concen: 216.428 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Instrument :  
MSVOA\_X  
ClientSampleId :

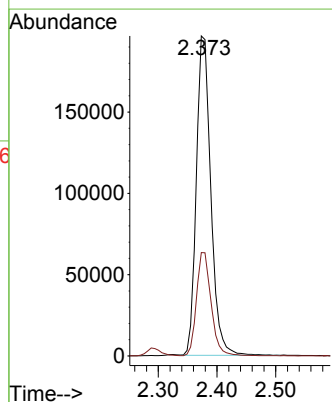
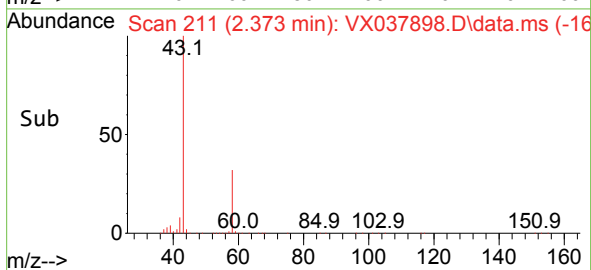
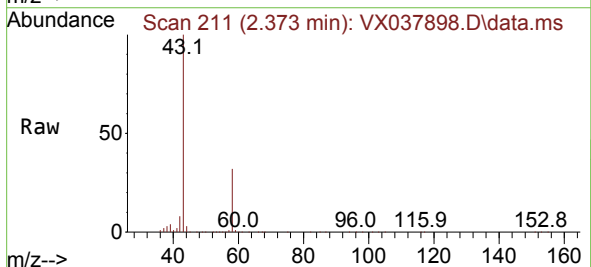


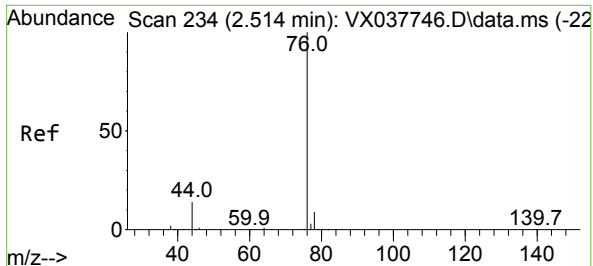
Tgt Ion: 53 Resp: 344267  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.0 99.0  
51 36.2 29.8 44.6



#16  
Acetone  
Concen: 210.020 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

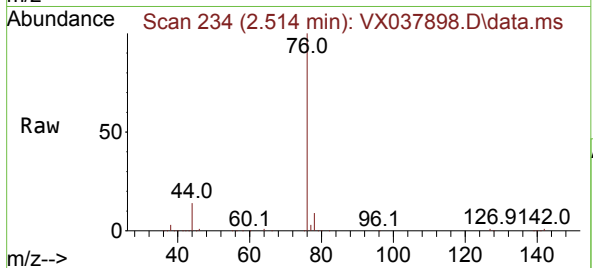
Tgt Ion: 43 Resp: 336749  
Ion Ratio Lower Upper  
43 100  
58 32.3 21.9 32.9



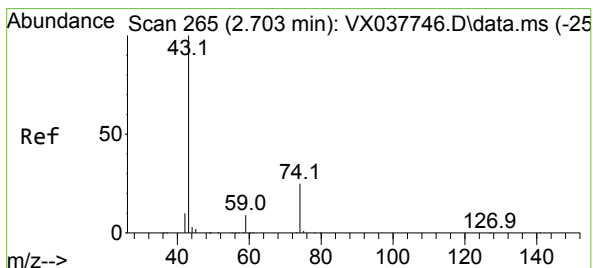
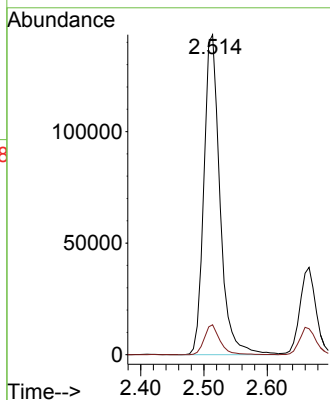
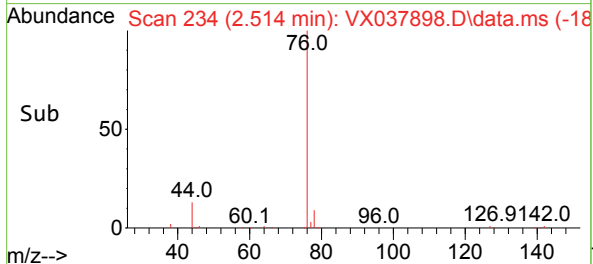


#17  
Carbon Disulfide  
Concen: 40.972 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Instrument :  
MSVOA\_X  
ClientSampleId :

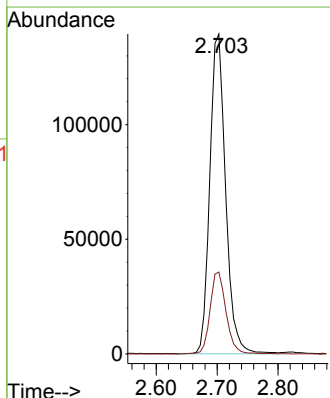
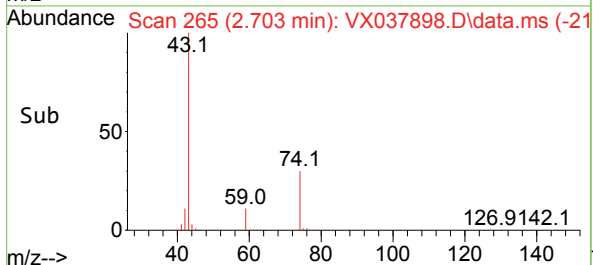
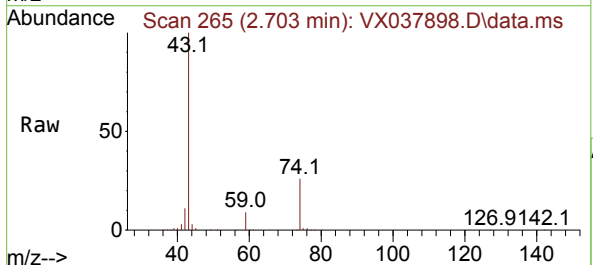


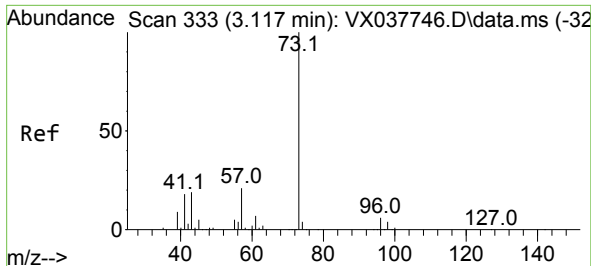
Tgt Ion: 76 Resp: 254238  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.6



#18  
Methyl Acetate  
Concen: 43.430 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion: 43 Resp: 251208  
Ion Ratio Lower Upper  
43 100  
74 25.9 17.8 26.8

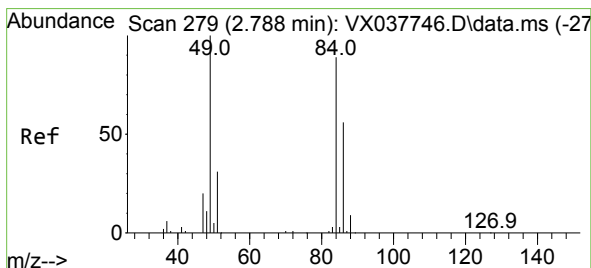
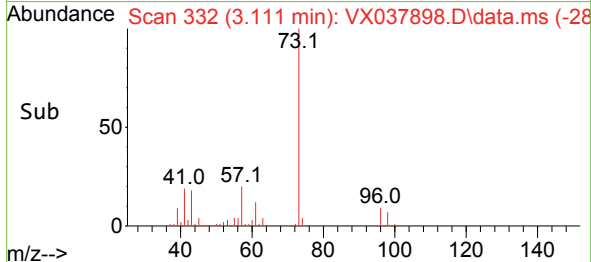
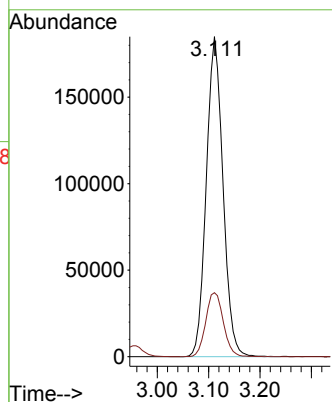
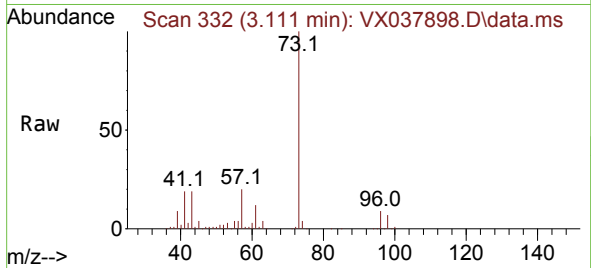




#19  
Methyl tert-butyl Ether  
Concen: 45.727 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.012 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

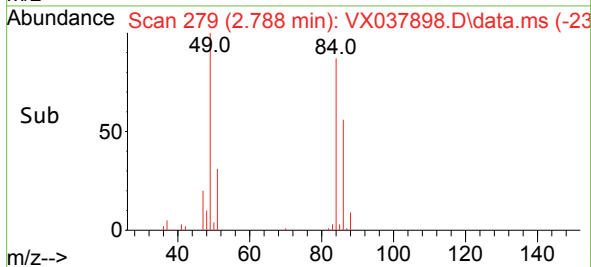
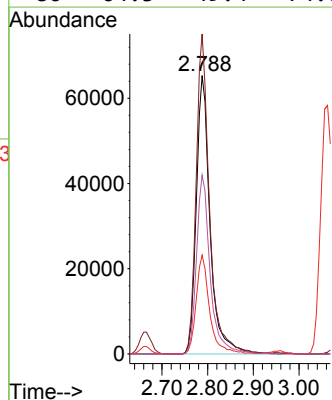
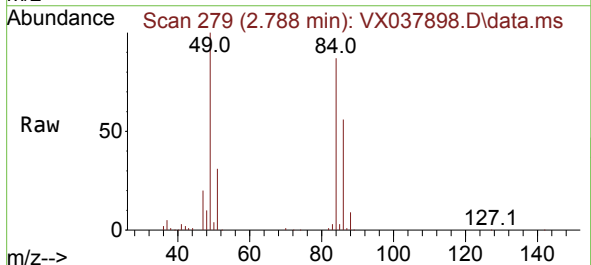
Instrument :  
MSVOA\_X  
ClientSampleId :

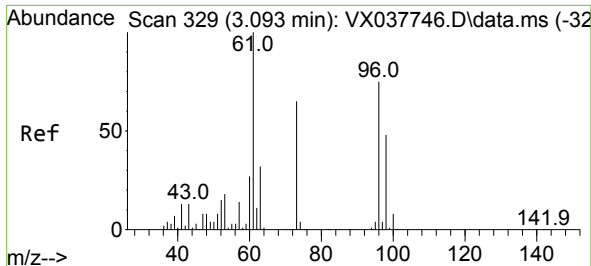
Tgt Ion: 73 Resp: 416316  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 46.030 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion: 84 Resp: 136457  
Ion Ratio Lower Upper  
84 100  
49 115.0 103.6 155.4  
51 35.4 33.8 50.6  
86 64.3 49.4 74.0

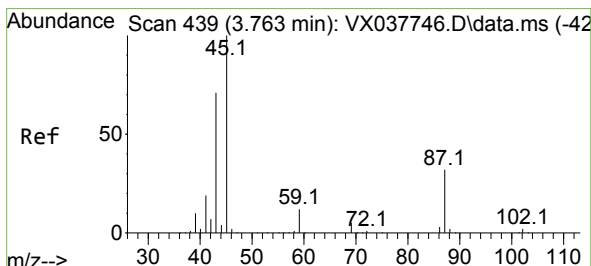
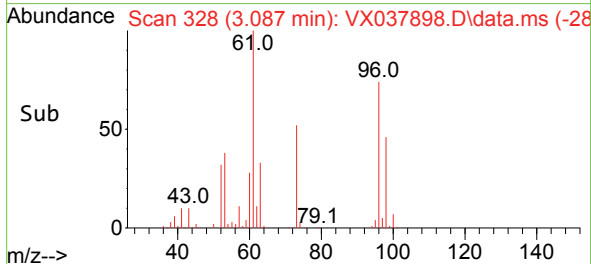
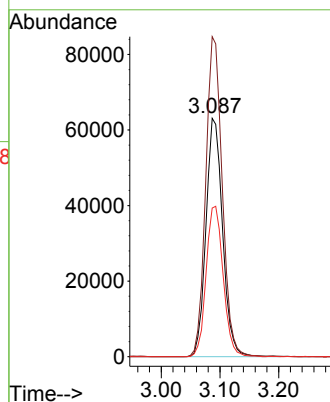
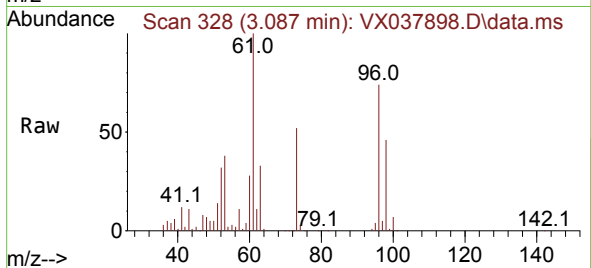




#21  
trans-1,2-Dichloroethene  
Concen: 45.215 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

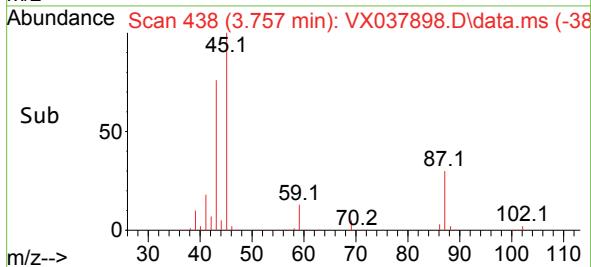
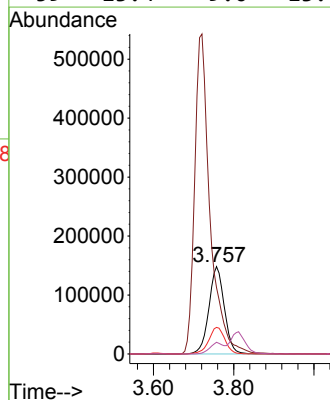
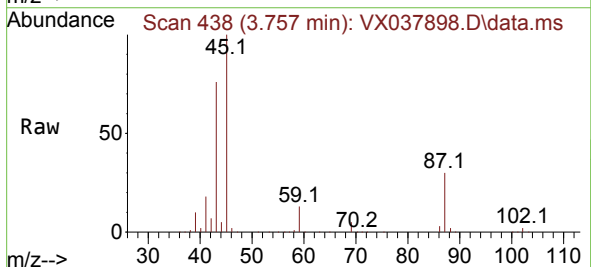
Instrument :  
MSVOA\_X  
ClientSampleId :

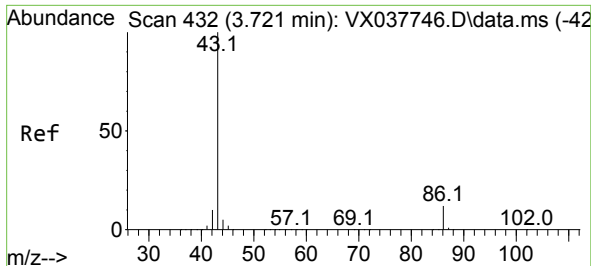
Tgt Ion: 96 Resp: 124261  
Ion Ratio Lower Upper  
96 100  
61 134.2 119.2 178.8  
98 62.3 48.7 73.1



#22  
Diisopropyl ether  
Concen: 45.972 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion: 45 Resp: 394725  
Ion Ratio Lower Upper  
45 100  
43 75.9 69.7 104.5  
87 30.4 20.8 31.2  
59 13.4 9.0 13.4

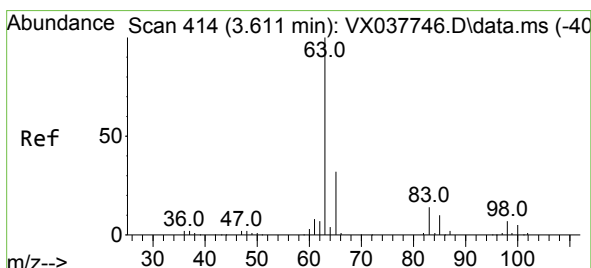
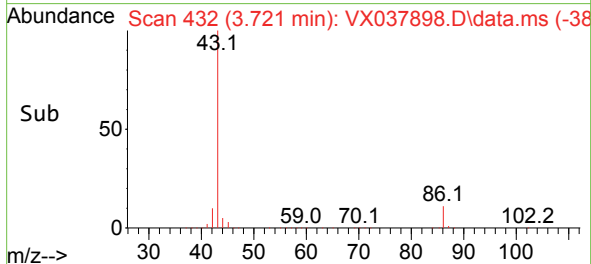
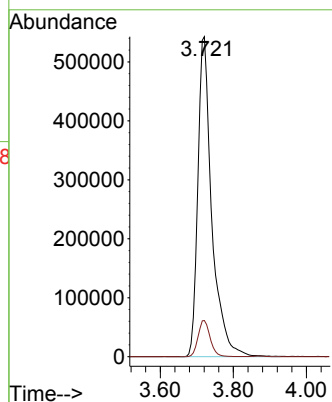
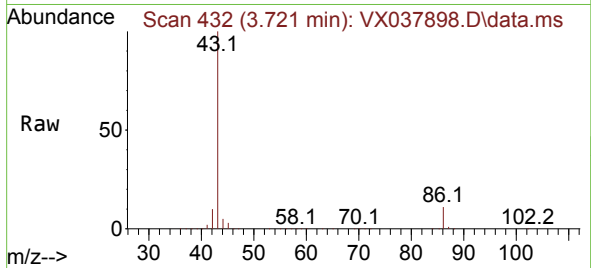




#23  
 Vinyl Acetate  
 Concen: 229.246 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

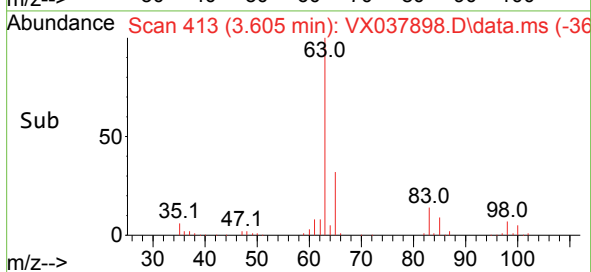
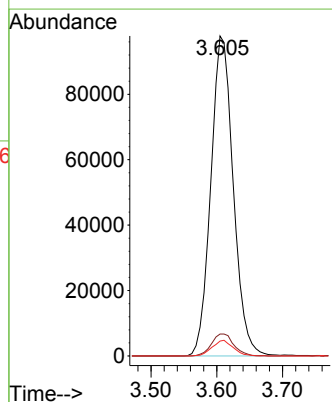
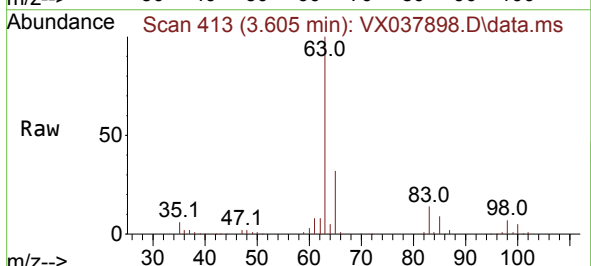
Instrument :  
 MSVOA\_X  
 ClientSampleId :

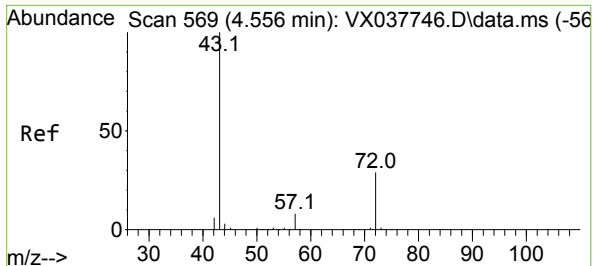
Tgt Ion: 43 Resp: 1447823  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 45.209 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

Tgt Ion: 63 Resp: 232611  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.3 9.8  
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 209.541 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.019 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

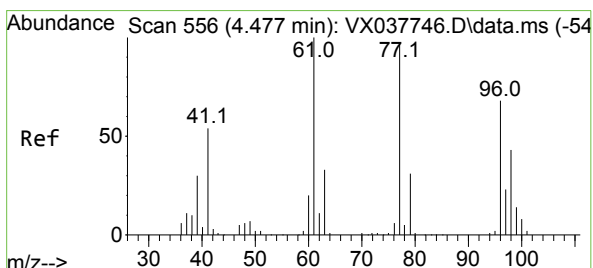
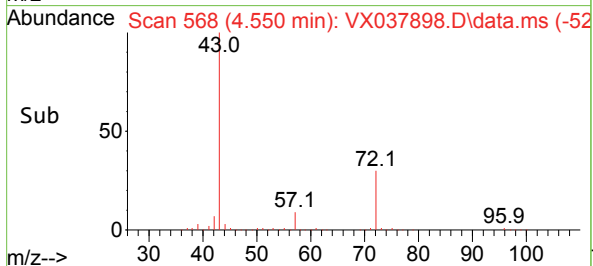
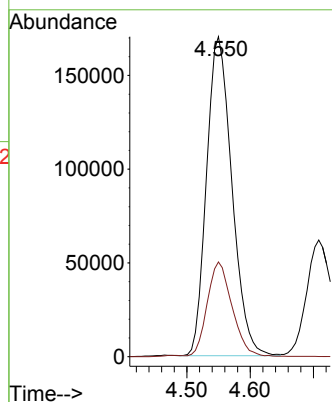
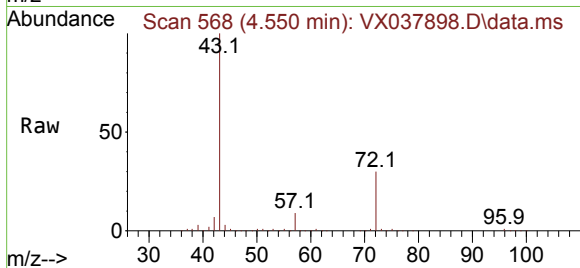
ClientSampleId :

Tgt Ion: 43 Resp: 474124

Ion Ratio Lower Upper

43 100

72 29.5 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 48.741 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037898.D

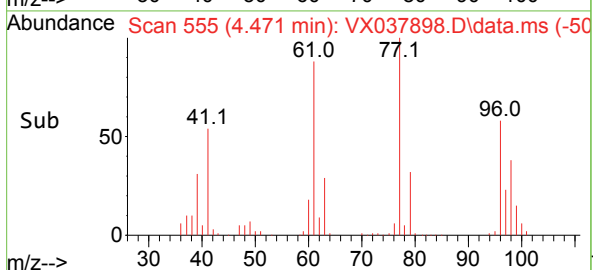
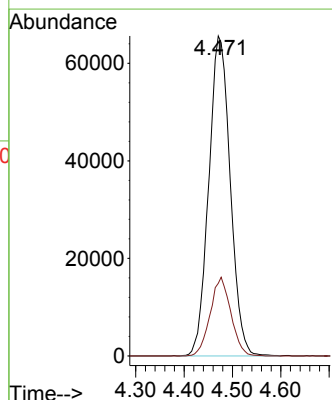
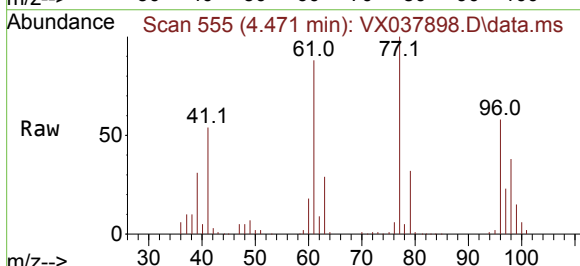
Acq: 26 Sep 2023 10:20

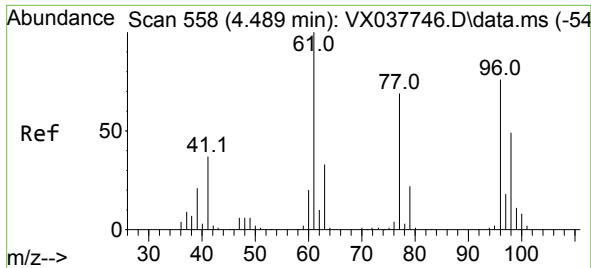
Tgt Ion: 77 Resp: 202639

Ion Ratio Lower Upper

77 100

97 23.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 45.904 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :

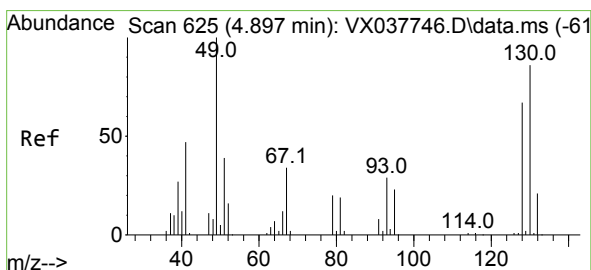
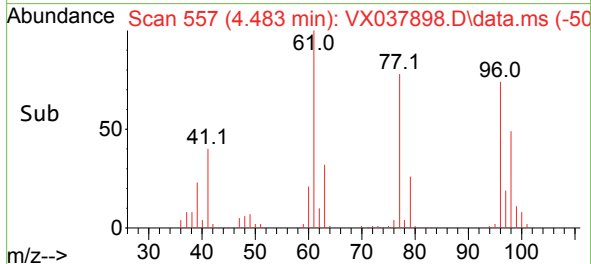
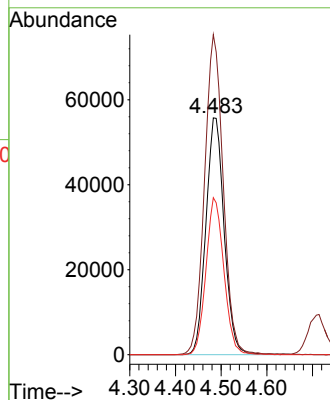
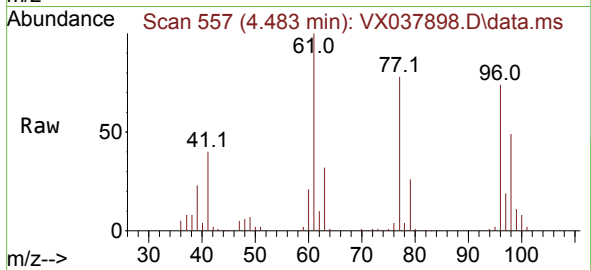
Tgt Ion: 96 Resp: 154661

Ion Ratio Lower Upper

96 100

61 137.9 0.0 312.2

98 65.0 0.0 129.0



#28

Bromochloromethane

Concen: 46.944 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

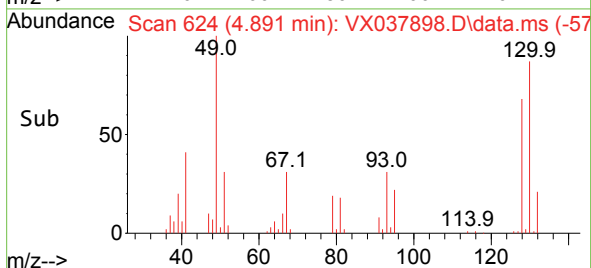
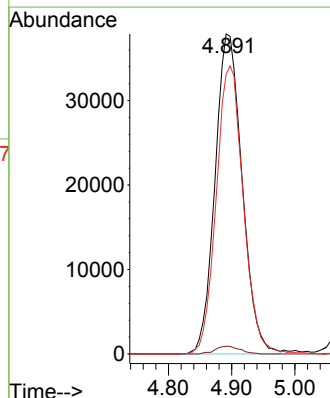
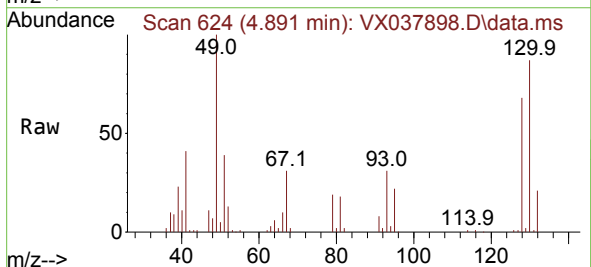
Tgt Ion: 49 Resp: 112681

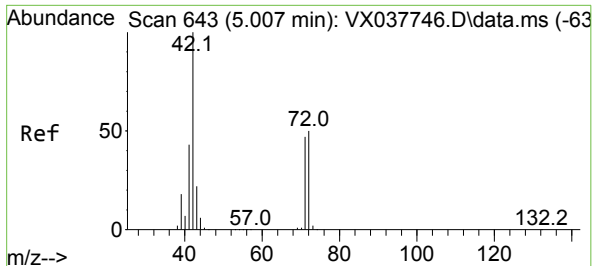
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 90.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 207.538 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.012 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :

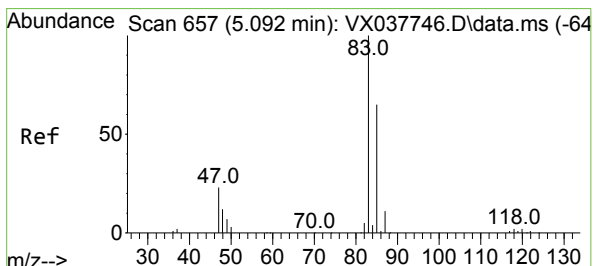
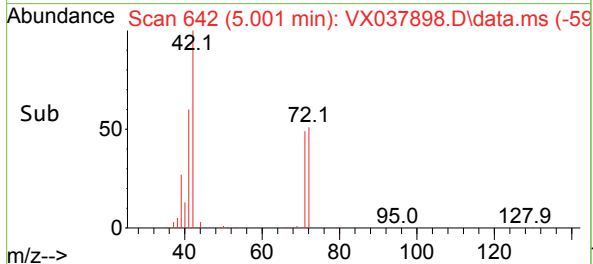
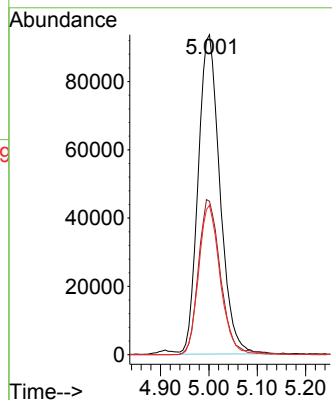
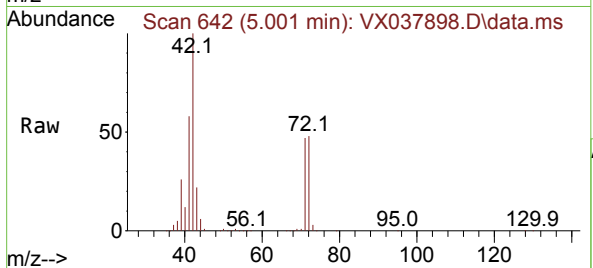
Tgt Ion: 42 Resp: 292095

Ion Ratio Lower Upper

42 100

72 49.5 34.2 51.4

71 46.3 32.2 48.2



#30

Chloroform

Concen: 45.940 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037898.D

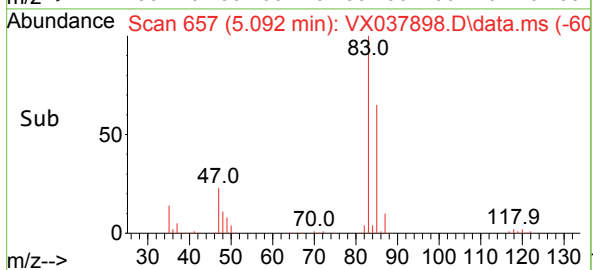
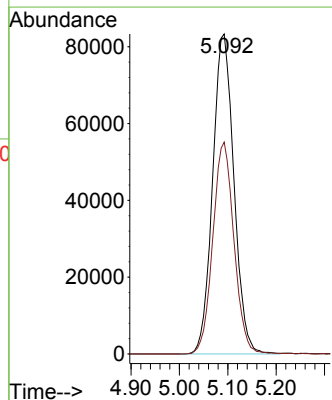
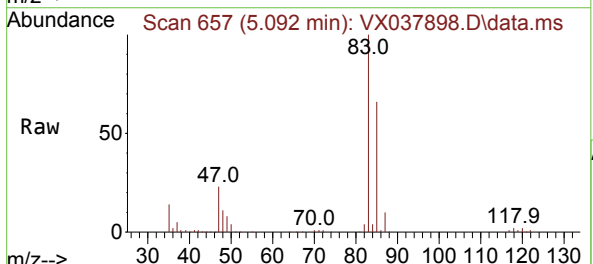
Acq: 26 Sep 2023 10:20

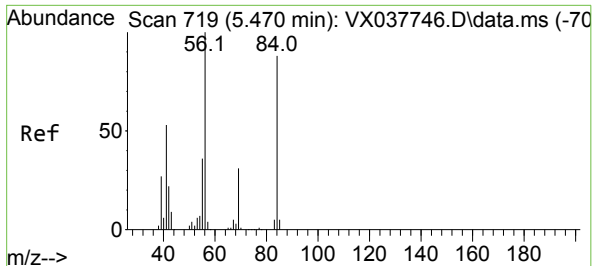
Tgt Ion: 83 Resp: 254632

Ion Ratio Lower Upper

83 100

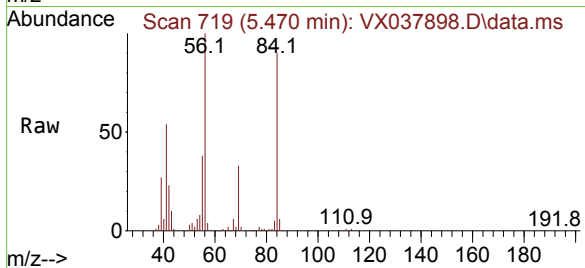
85 66.2 50.3 75.5



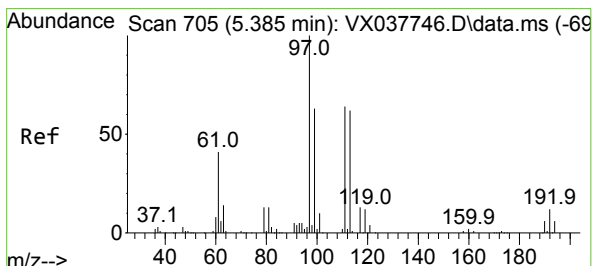
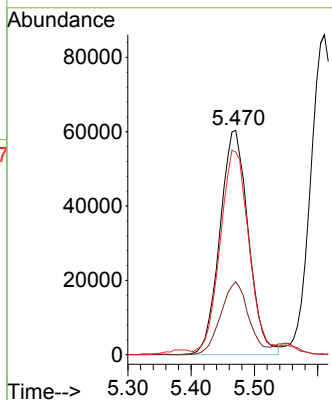
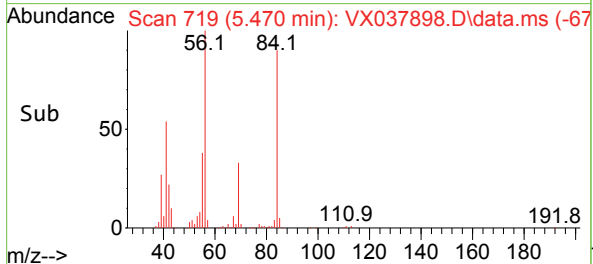


#31  
Cyclohexane  
Concen: 44.115 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Instrument :  
MSVOA\_X  
ClientSampleId :

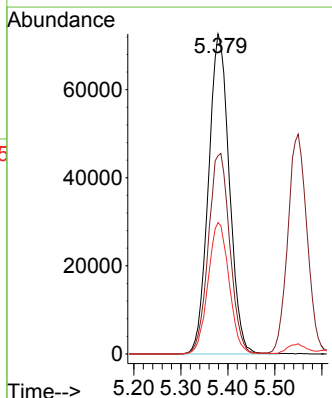
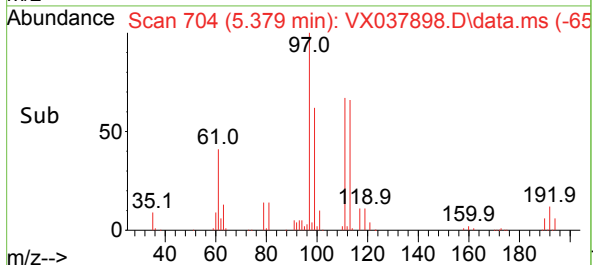
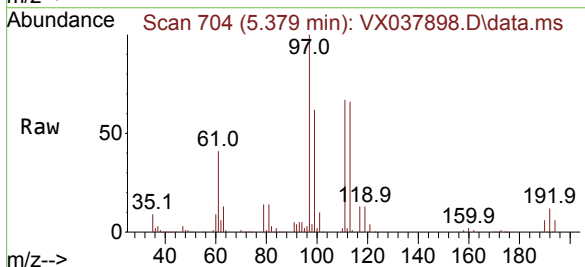


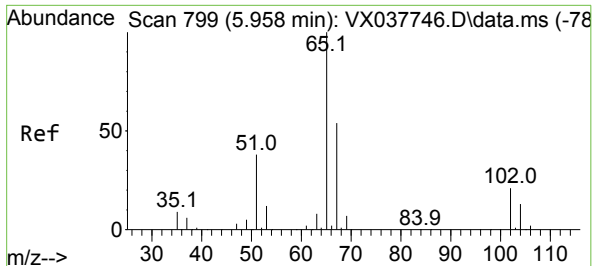
Tgt Ion: 56 Resp: 188723  
Ion Ratio Lower Upper  
56 100  
69 32.5 23.4 35.2  
84 88.2 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 47.638 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion: 97 Resp: 223570  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.1 76.7  
61 41.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.275 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

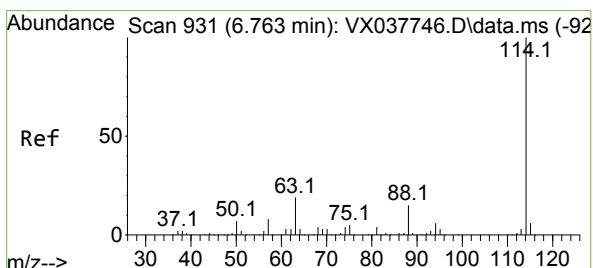
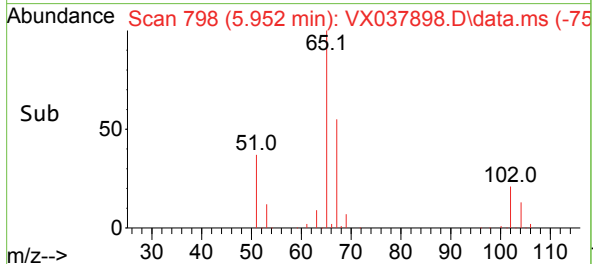
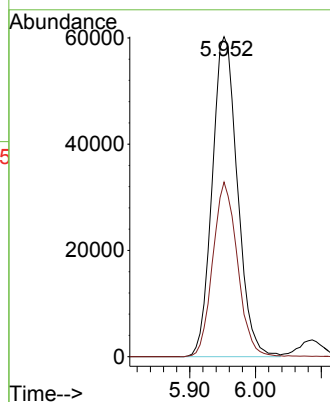
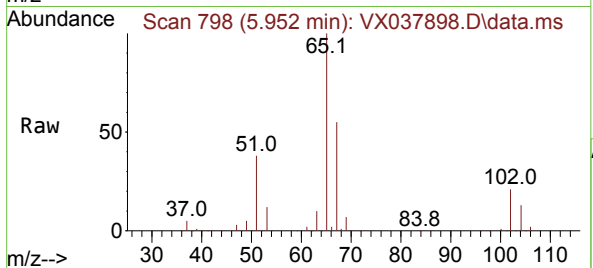
ClientSampleId :

Tgt Ion: 65 Resp: 160903

Ion Ratio Lower Upper

65 100

67 53.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

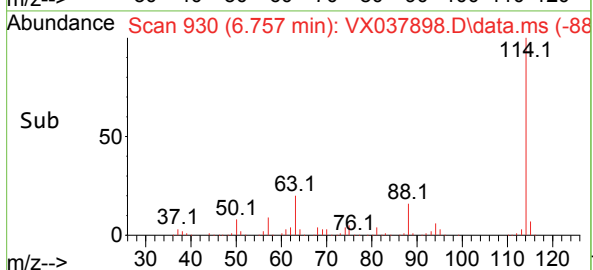
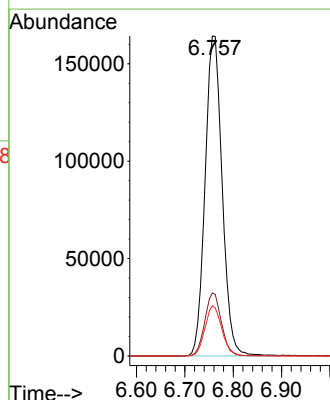
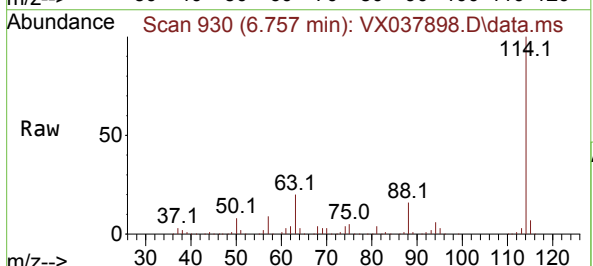
Tgt Ion:114 Resp: 403595

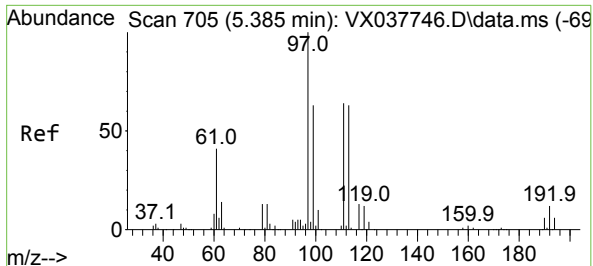
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.686 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :

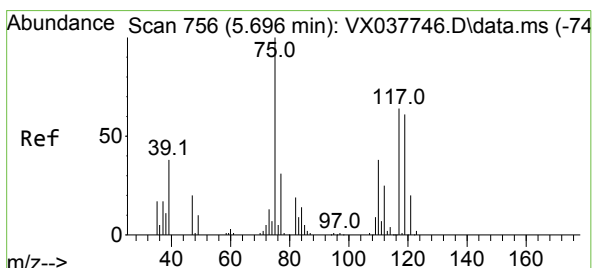
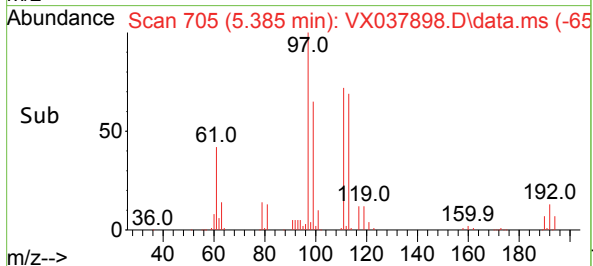
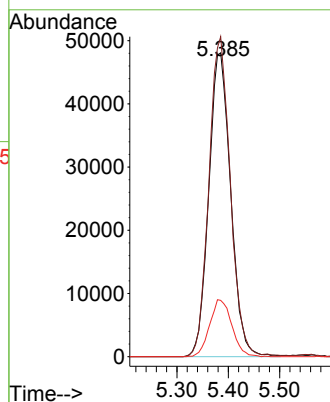
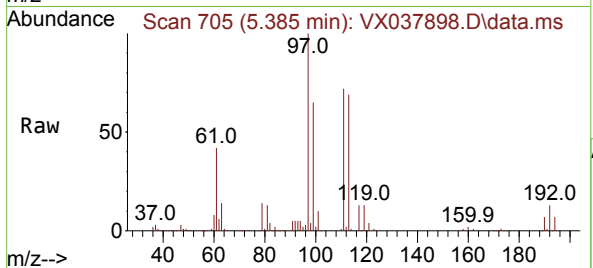
Tgt Ion:113 Resp: 142278

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 19.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 47.632 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

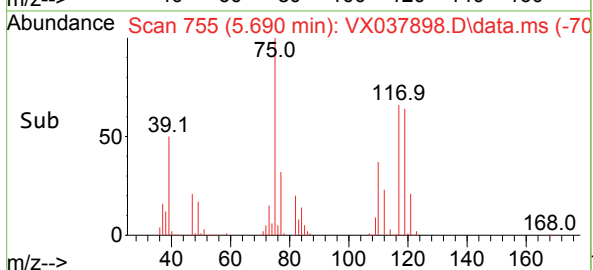
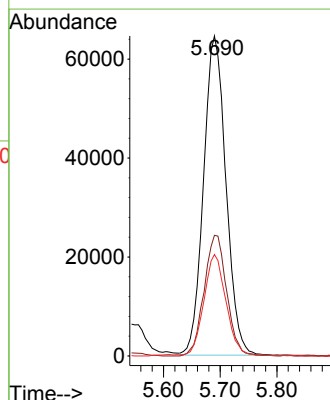
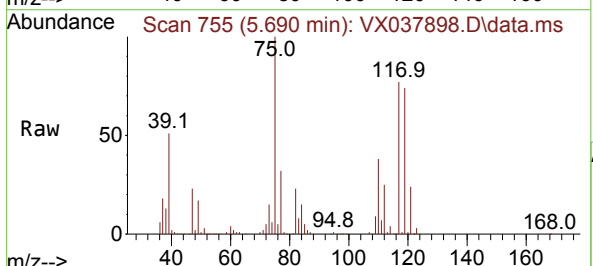
Tgt Ion: 75 Resp: 177193

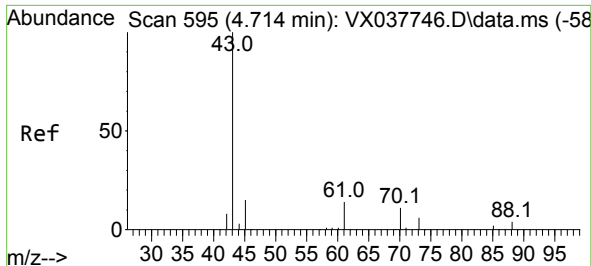
Ion Ratio Lower Upper

75 100

110 38.1 17.0 50.9

77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 43.669 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.025 min

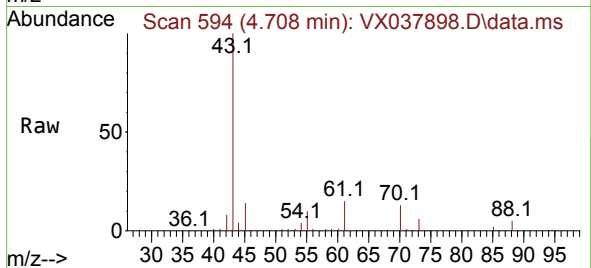
Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :



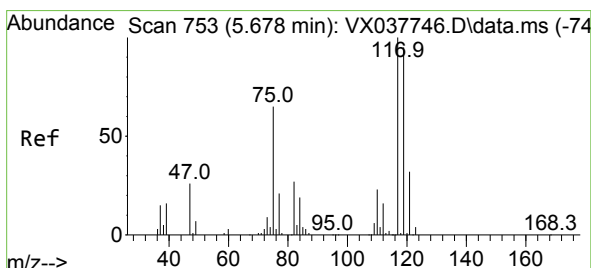
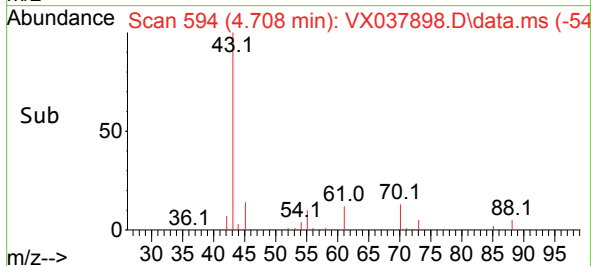
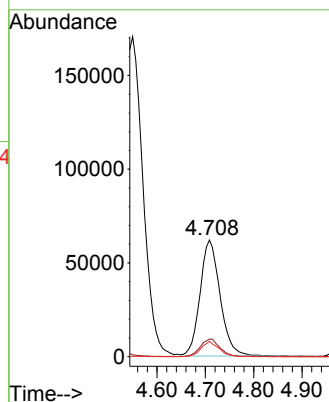
Tgt Ion: 43 Resp: 178591

Ion Ratio Lower Upper

43 100

61 14.8 10.6 16.0

70 11.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 50.392 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

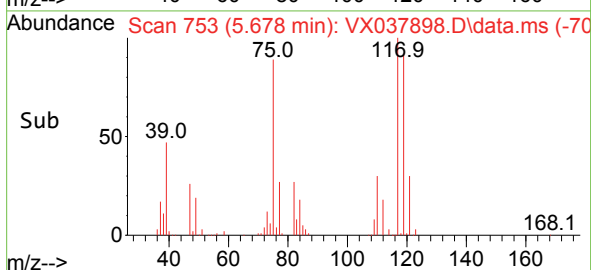
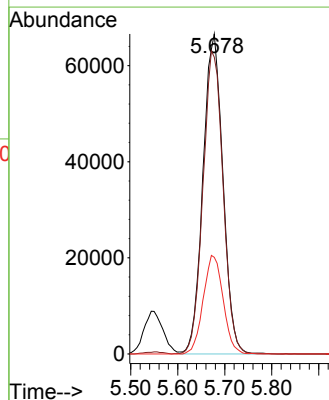
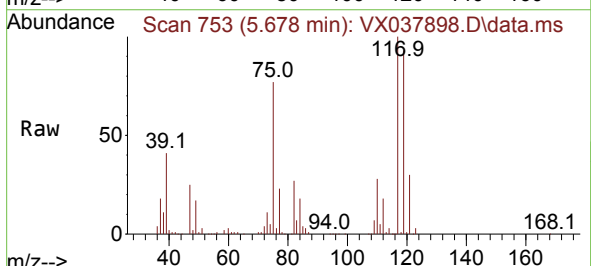
Tgt Ion: 117 Resp: 196141

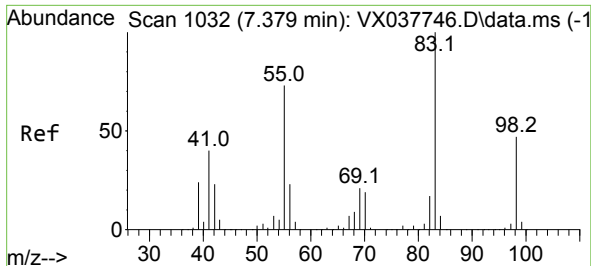
Ion Ratio Lower Upper

117 100

119 92.7 78.2 117.2

121 30.2 24.4 36.6





#39

Methylcyclohexane

Concen: 48.001 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :

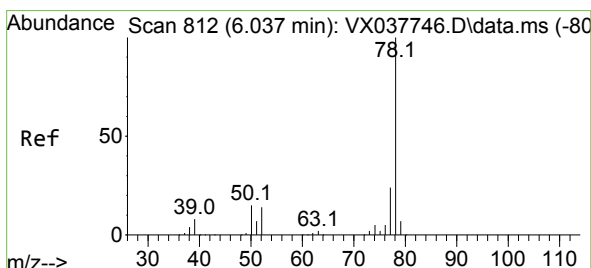
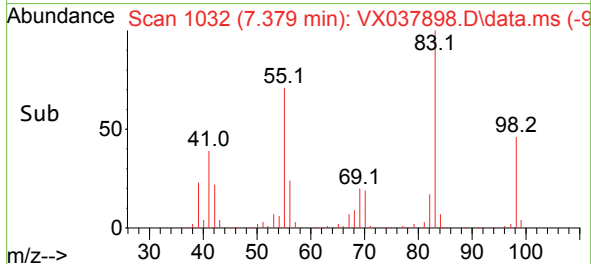
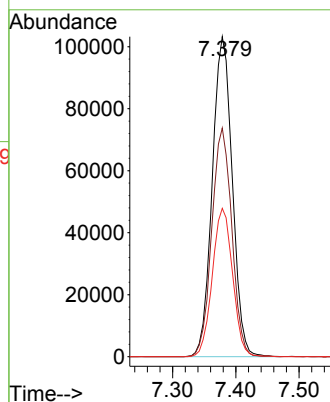
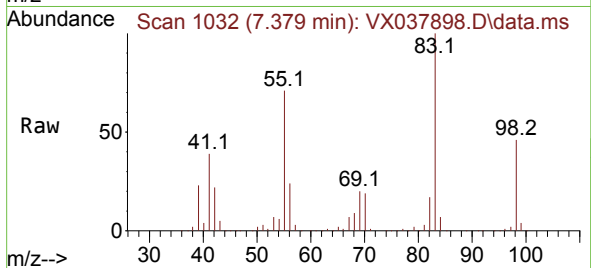
Tgt Ion: 83 Resp: 226629

Ion Ratio Lower Upper

83 100

55 71.4 64.6 97.0

98 46.3 36.7 55.1



#40

Benzene

Concen: 46.822 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037898.D

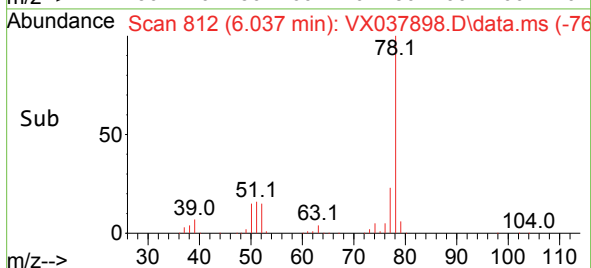
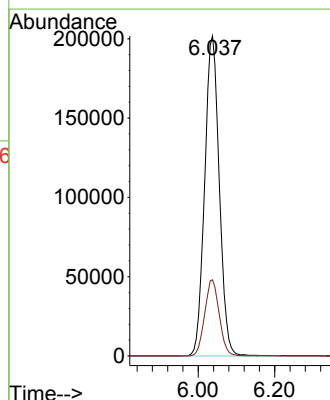
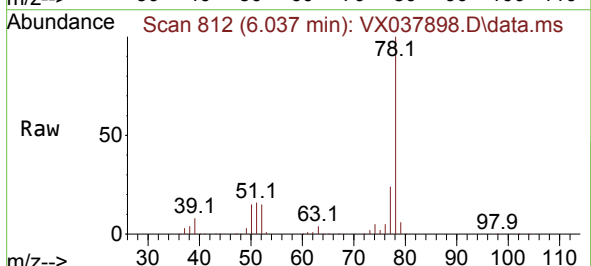
Acq: 26 Sep 2023 10:20

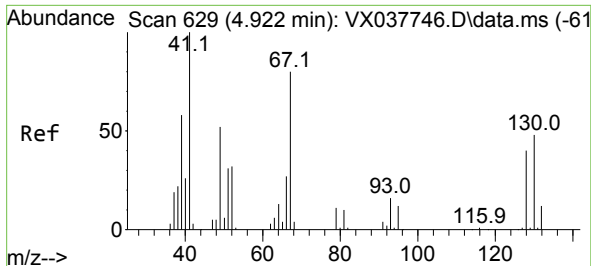
Tgt Ion: 78 Resp: 535625

Ion Ratio Lower Upper

78 100

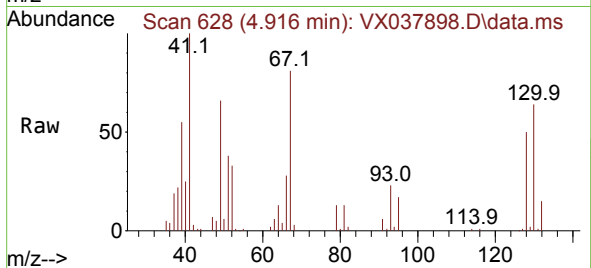
77 23.8 19.3 28.9



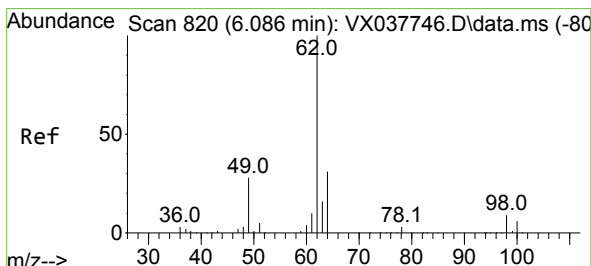
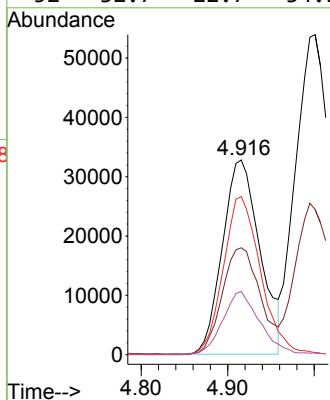
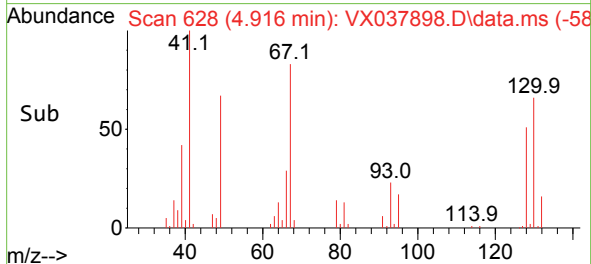


#41  
Methacrylonitrile  
Concen: 47.407 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.031 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

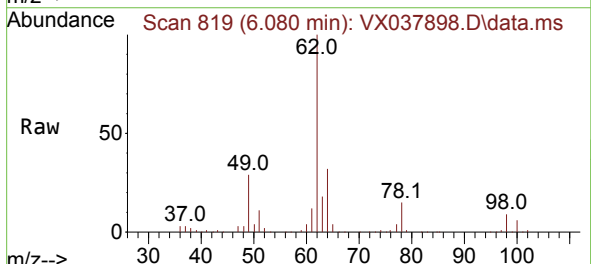
Instrument :  
MSVOA\_X  
ClientSampleId :



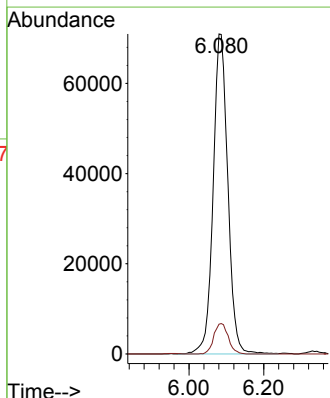
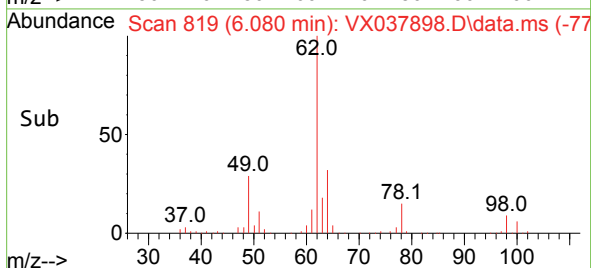
Tgt Ion: 41 Resp: 98857  
Ion Ratio Lower Upper  
41 100  
39 55.8 45.2 67.8  
67 81.0 52.6 78.8#  
52 32.7 22.7 34.1

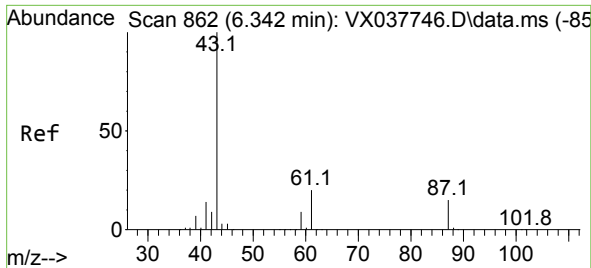


#42  
1,2-Dichloroethane  
Concen: 46.713 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.018 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20



Tgt Ion: 62 Resp: 193140  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 46.350 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

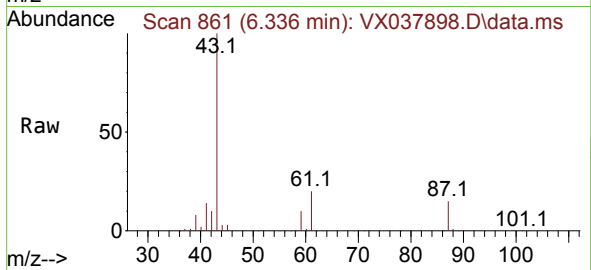
Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :



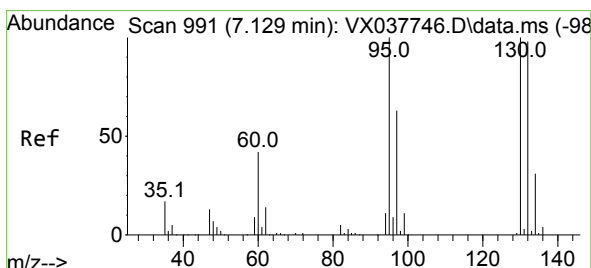
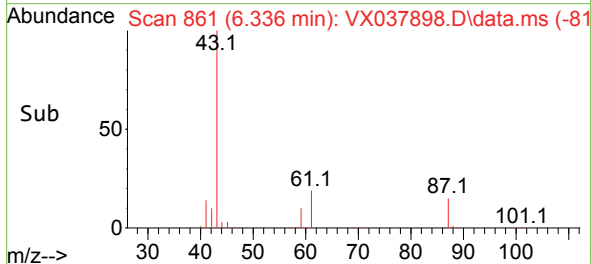
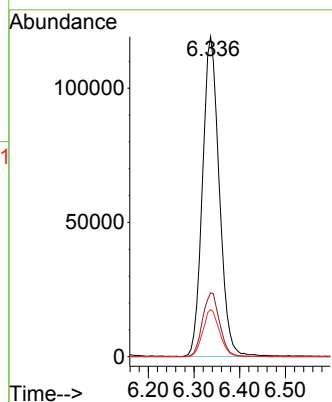
Tgt Ion: 43 Resp: 303098

Ion Ratio Lower Upper

43 100

61 20.4 15.2 22.8

87 14.7 9.8 14.6#



#44

Trichloroethene

Concen: 47.225 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.012 min

Lab File: VX037898.D

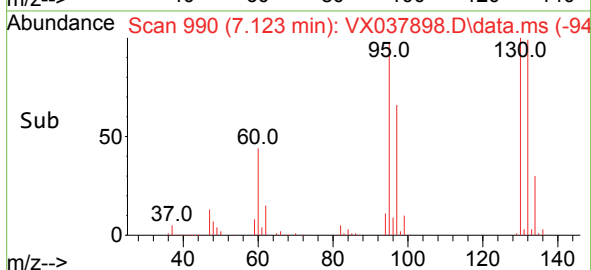
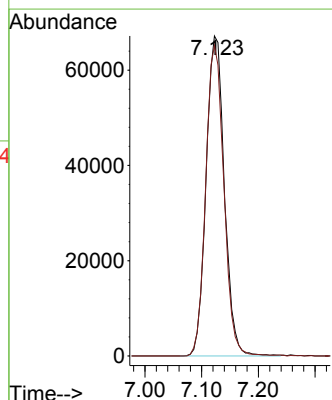
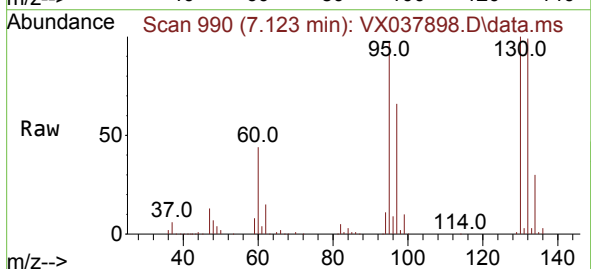
Acq: 26 Sep 2023 10:20

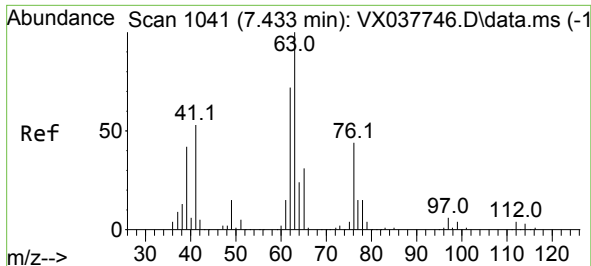
Tgt Ion:130 Resp: 150448

Ion Ratio Lower Upper

130 100

95 97.0 0.0 204.4

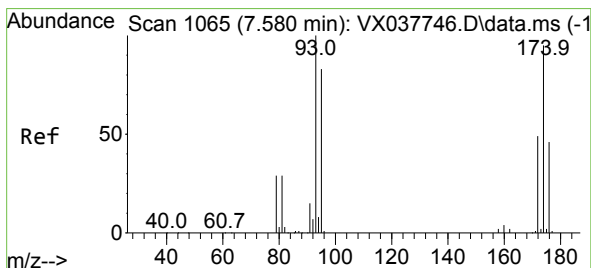
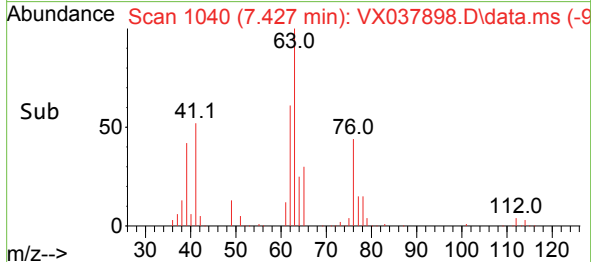
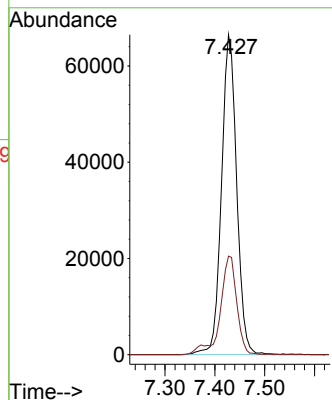
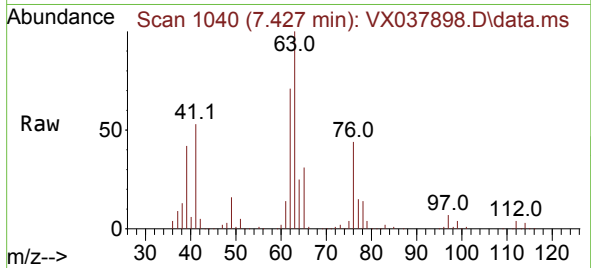




#45  
1,2-Dichloropropane  
Concen: 47.291 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

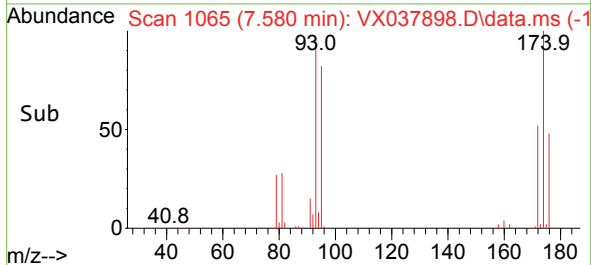
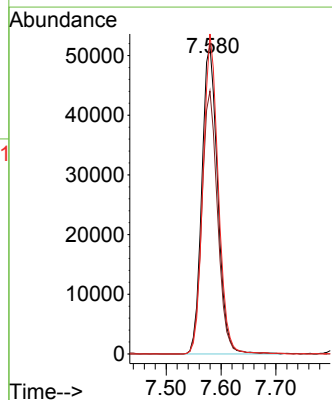
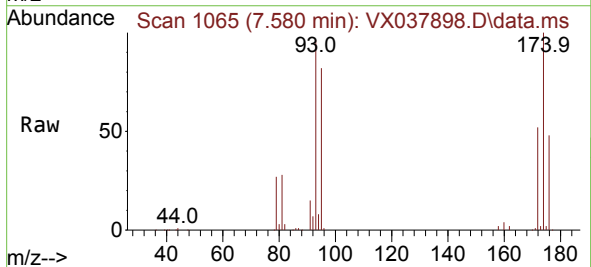
Instrument :  
MSVOA\_X  
ClientSampleId :

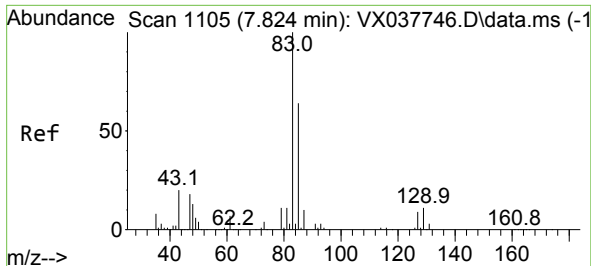
Tgt Ion: 63 Resp: 140494  
Ion Ratio Lower Upper  
63 100  
65 30.8 24.3 36.5



#46  
Dibromomethane  
Concen: 48.423 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

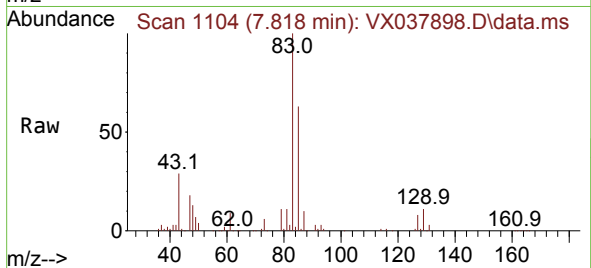
Tgt Ion: 93 Resp: 103482  
Ion Ratio Lower Upper  
93 100  
95 84.2 66.6 100.0  
174 99.7 69.4 104.0



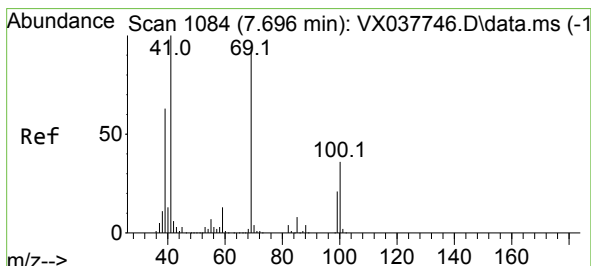
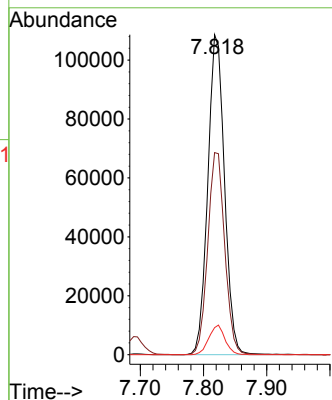
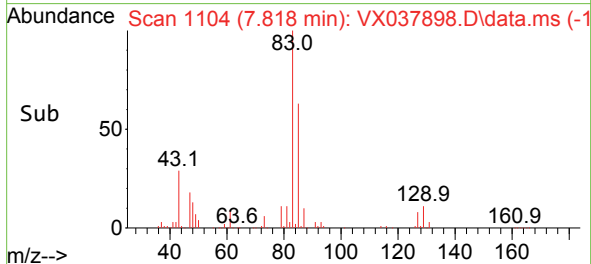


#47  
 Bromodichloromethane  
 Concen: 50.676 ug/l  
 RT: 7.818 min Scan# 1104  
 Delta R.T. -0.006 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :

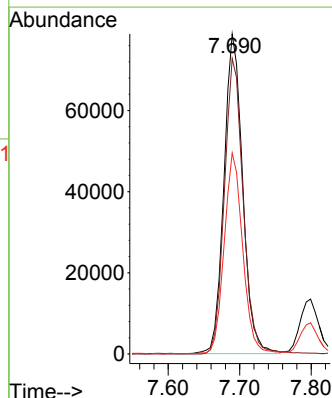
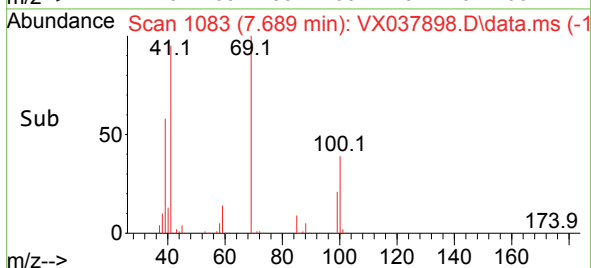
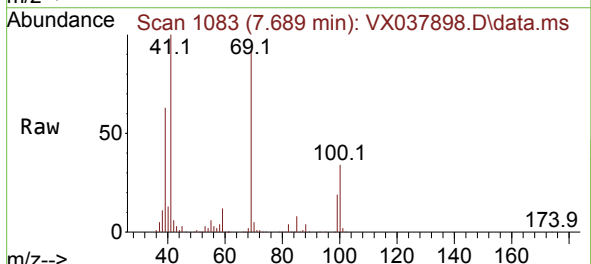


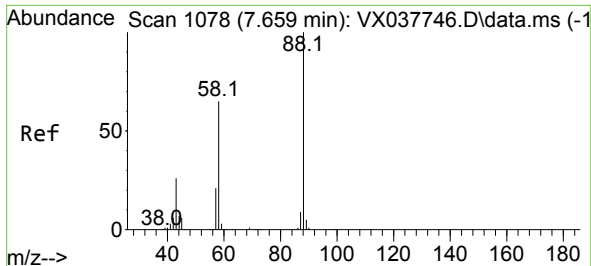
Tgt Ion: 83 Resp: 199451  
 Ion Ratio Lower Upper  
 83 100  
 85 63.2 49.8 74.6  
 127 8.4 7.1 10.7



#48  
 Methyl methacrylate  
 Concen: 45.785 ug/l  
 RT: 7.689 min Scan# 1083  
 Delta R.T. -0.012 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

Tgt Ion: 41 Resp: 143127  
 Ion Ratio Lower Upper  
 41 100  
 69 93.1 59.2 88.8#  
 39 61.9 47.7 71.5





#49

1,4-Dioxane

Concen: 807.601 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.019 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :

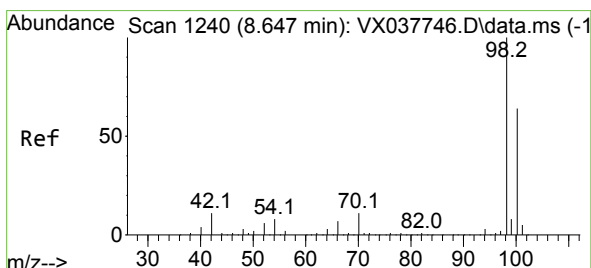
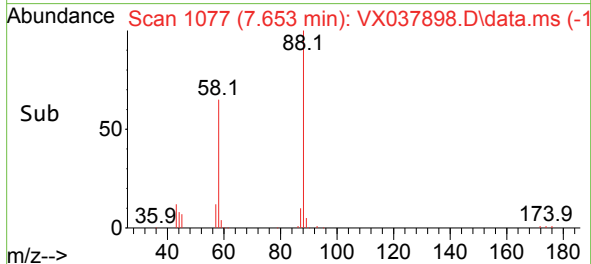
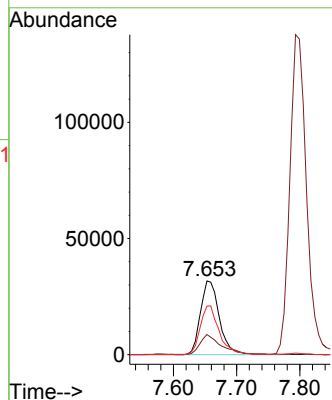
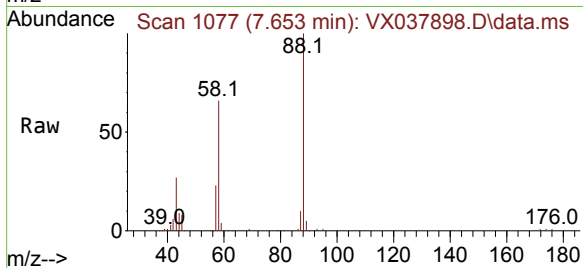
Tgt Ion: 88 Resp: 66187

Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0#

58 66.3 60.1 90.1



#50

Toluene-d8

Concen: 52.588 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037898.D

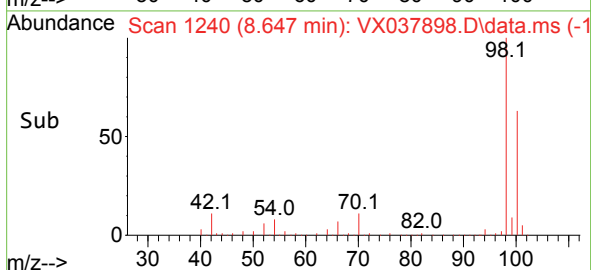
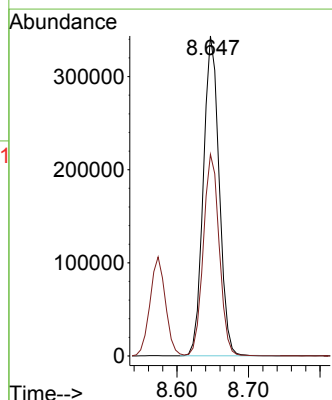
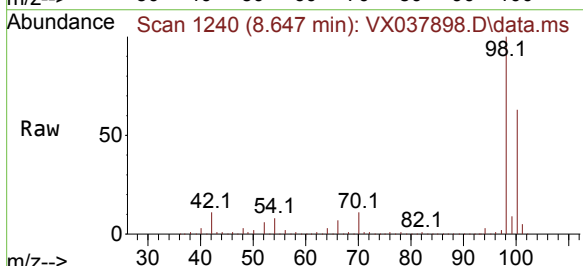
Acq: 26 Sep 2023 10:20

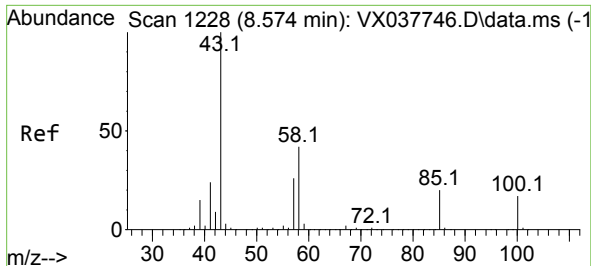
Tgt Ion: 98 Resp: 527665

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7

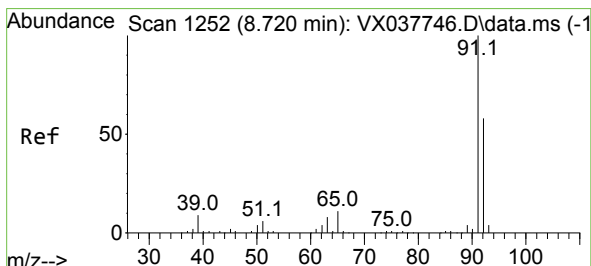
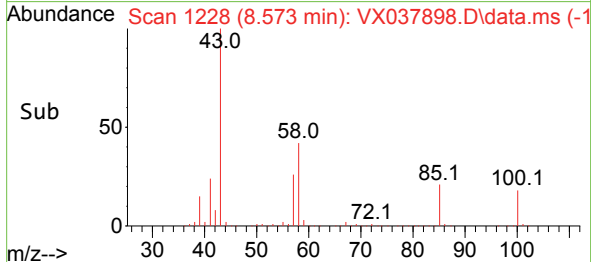
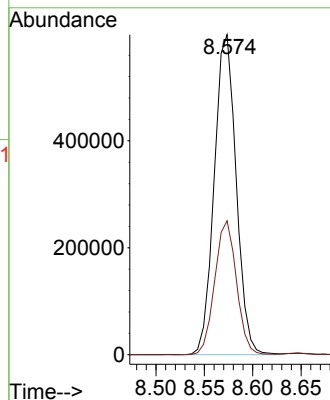
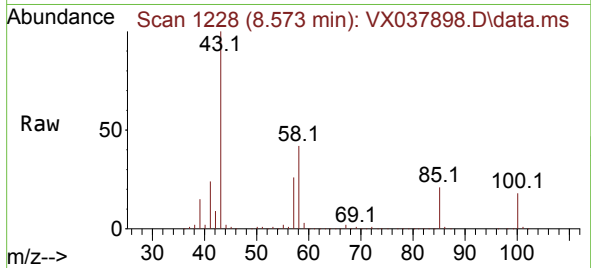




#51  
4-Methyl-2-Pentanone  
Concen: 227.107 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

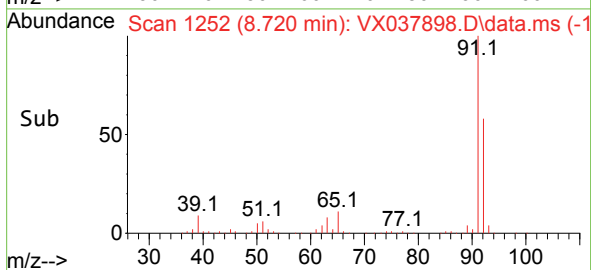
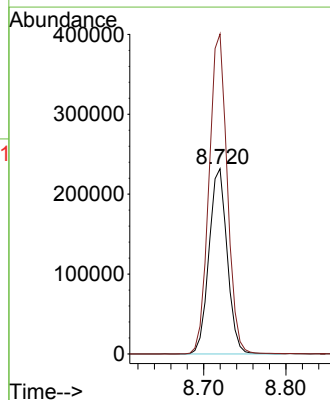
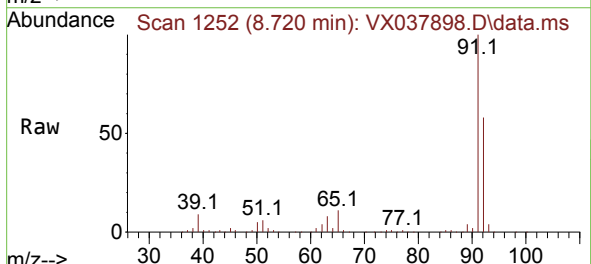
Instrument :  
MSVOA\_X  
ClientSampleId :

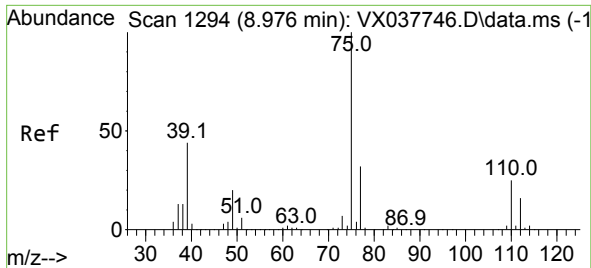
Tgt Ion: 43 Resp: 942262  
Ion Ratio Lower Upper  
43 100  
58 41.4 30.4 45.6



#52  
Toluene  
Concen: 48.330 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion: 92 Resp: 356315  
Ion Ratio Lower Upper  
92 100  
91 173.7 134.2 201.2

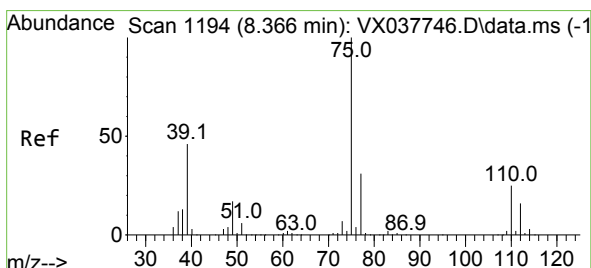
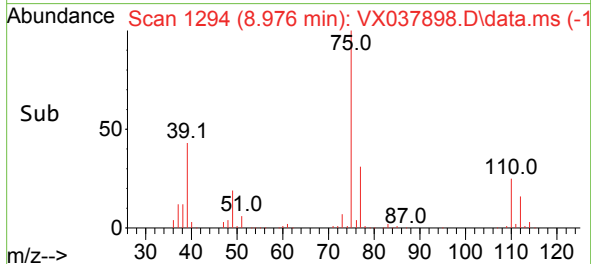
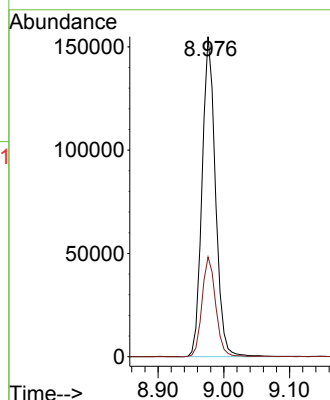
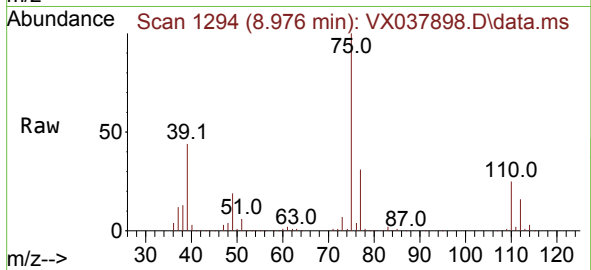




#53  
 t-1,3-Dichloropropene  
 Concen: 53.213 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. -0.012 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

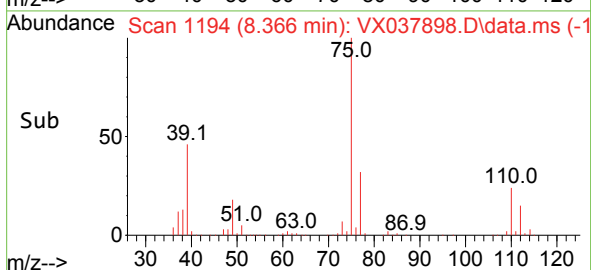
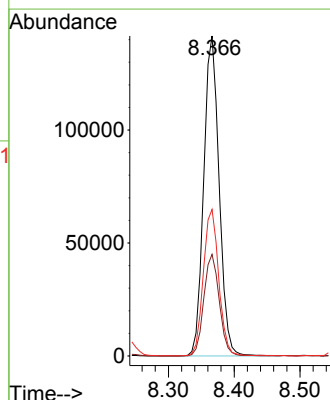
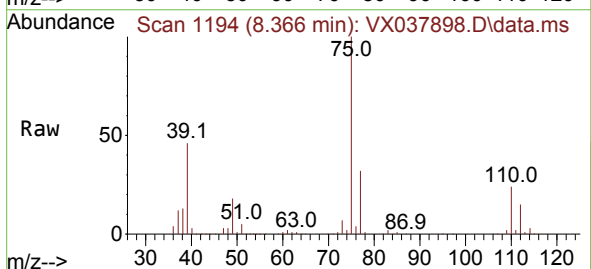
Instrument :  
 MSVOA\_X  
 ClientSampleId :

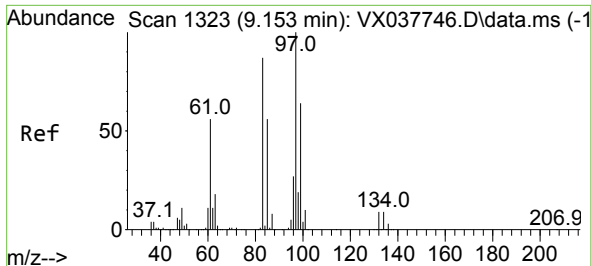
Tgt Ion: 75 Resp: 218989  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.705 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.006 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

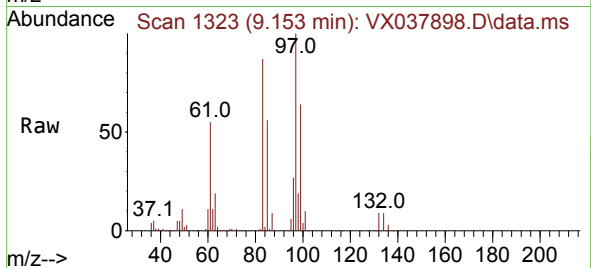
Tgt Ion: 75 Resp: 230938  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.3 37.9  
 39 45.8 46.7 70.1#



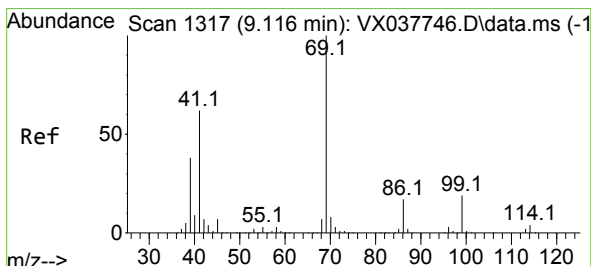
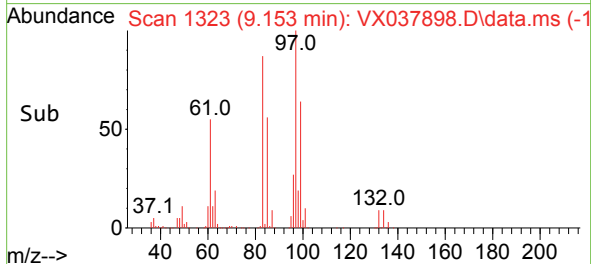
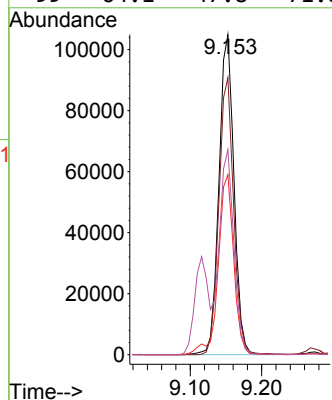


#55  
1,1,2-Trichloroethane  
Concen: 49.203 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Instrument :  
MSVOA\_X  
ClientSampleId :

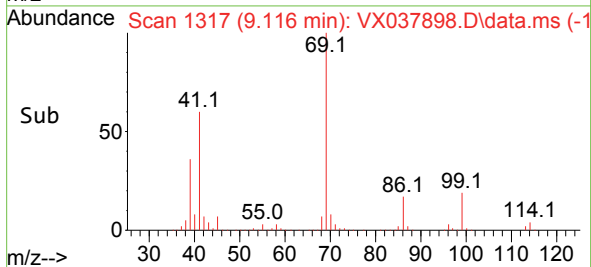
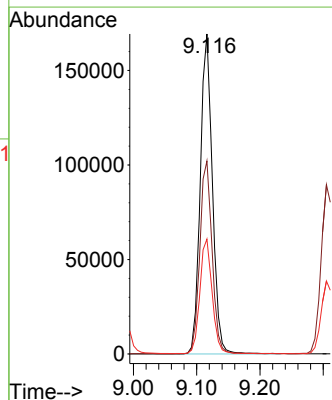
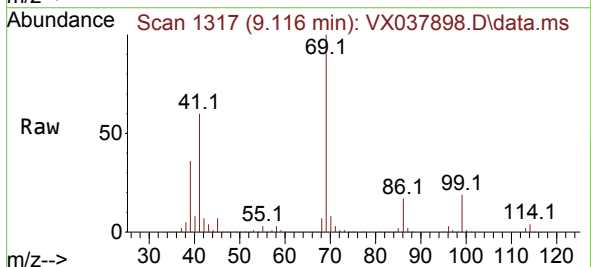


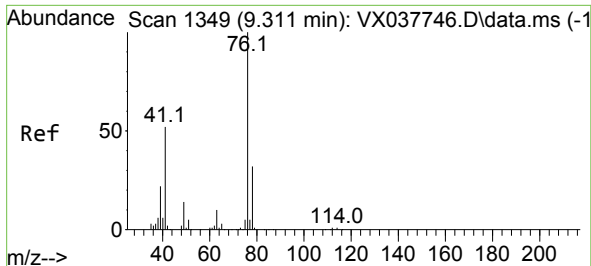
| Tgt Ion: 97 | Resp: 152941 |       |       |
|-------------|--------------|-------|-------|
| Ion         | Ratio        | Lower | Upper |
| 97          | 100          |       |       |
| 83          | 86.6         | 65.8  | 98.8  |
| 85          | 56.3         | 41.6  | 62.4  |
| 99          | 64.1         | 47.8  | 71.8  |



#56  
Ethyl methacrylate  
Concen: 48.764 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 226285 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 60.9     | 56.8 85.2    |
| 39 36.4     | 32.0 48.0    |





#57

1,3-Dichloropropane

Concen: 47.883 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

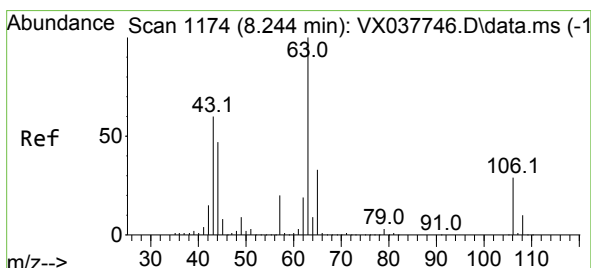
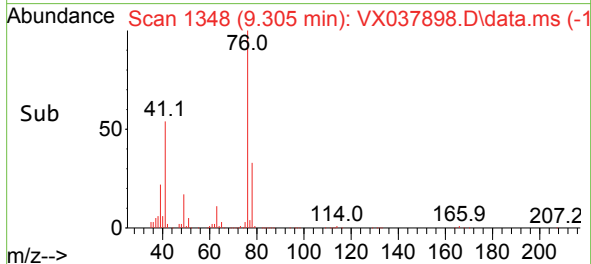
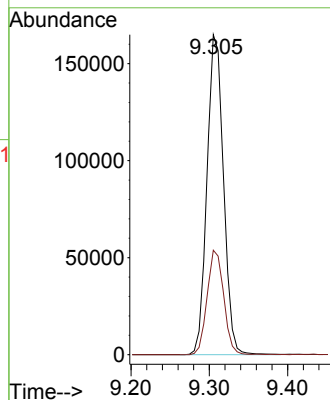
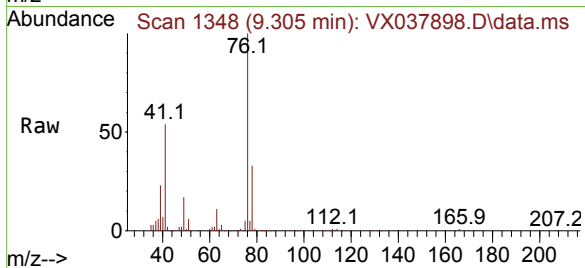
ClientSampleId :

Tgt Ion: 76 Resp: 240852

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 242.989 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037898.D

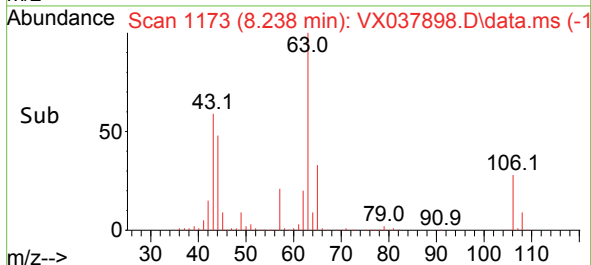
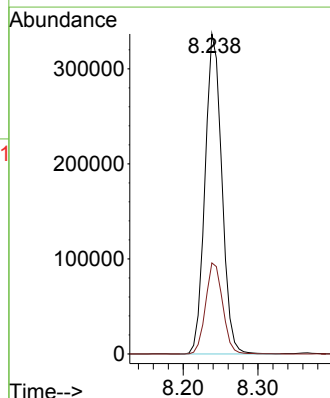
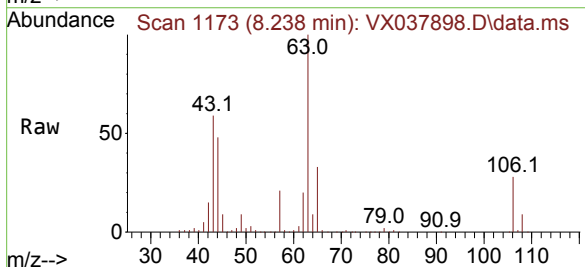
Acq: 26 Sep 2023 10:20

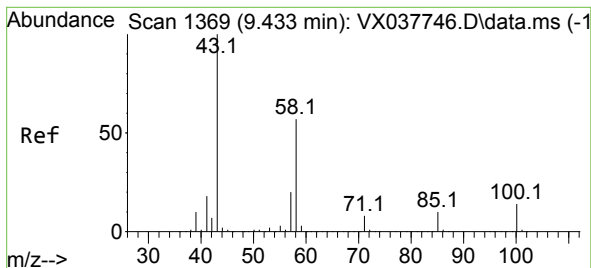
Tgt Ion: 63 Resp: 526522

Ion Ratio Lower Upper

63 100

106 28.8 22.5 33.7

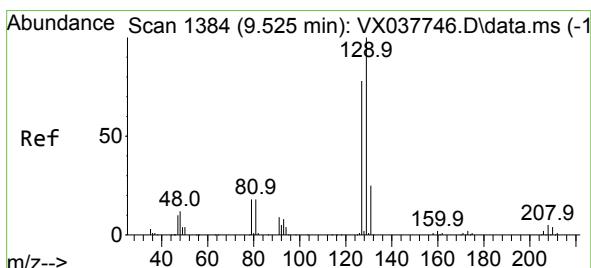
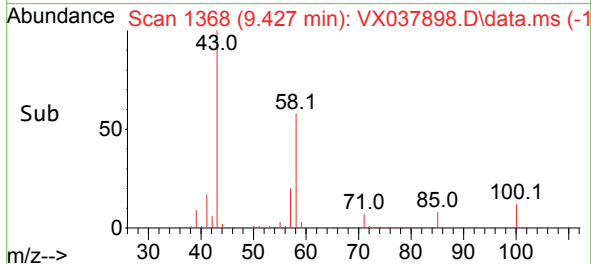
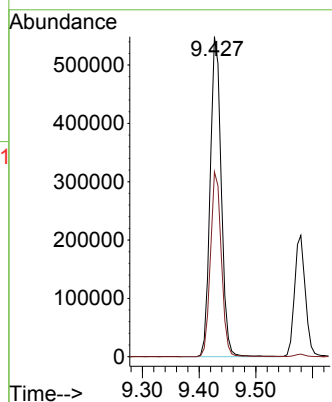
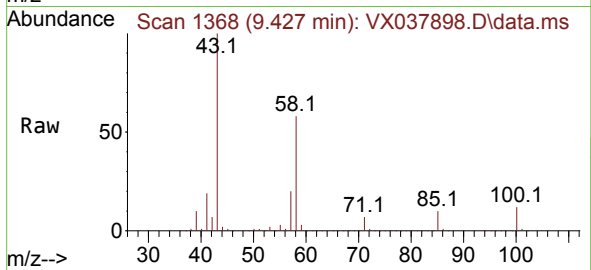




#59  
2-Hexanone  
Concen: 229.395 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

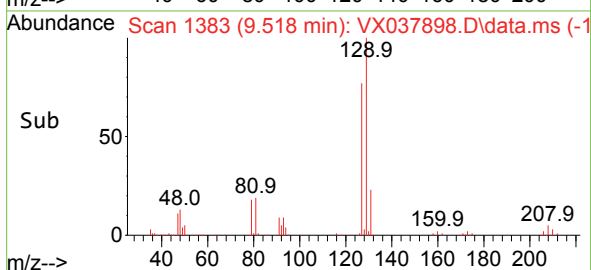
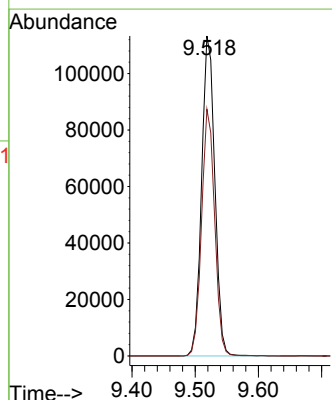
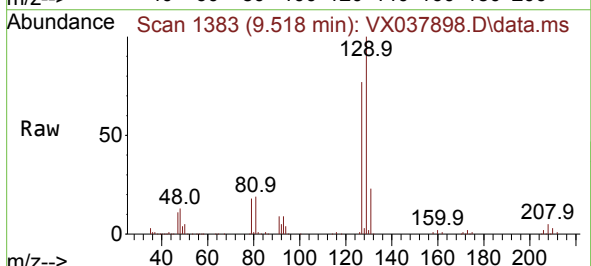
Instrument :  
MSVOA\_X  
ClientSampleId :

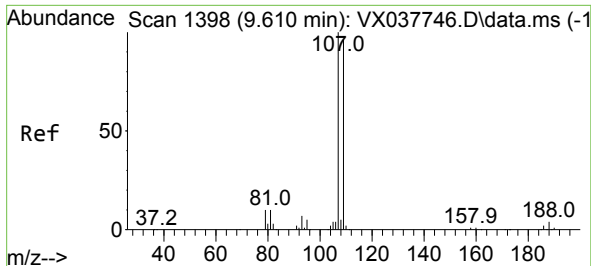
Tgt Ion: 43 Resp: 741036  
Ion Ratio Lower Upper  
43 100  
58 57.1 26.2 78.5



#60  
Dibromochloromethane  
Concen: 53.106 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Tgt Ion:129 Resp: 164446  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.8 116.4

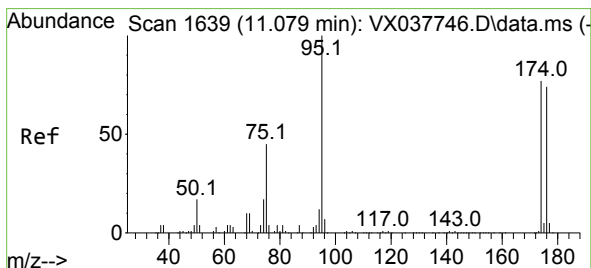
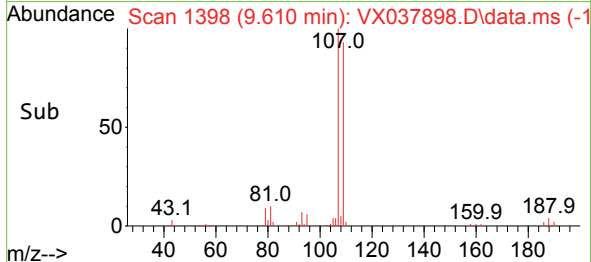
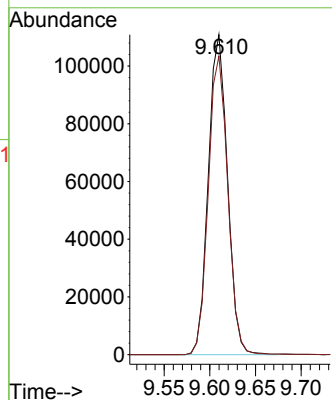
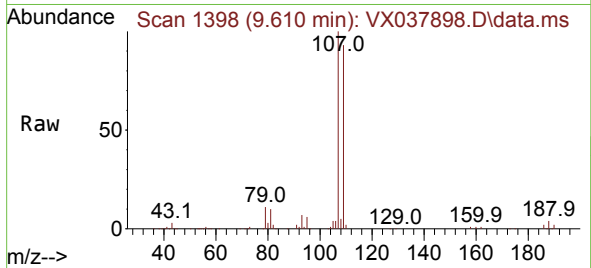




#61  
1,2-Dibromoethane  
Concen: 49.094 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

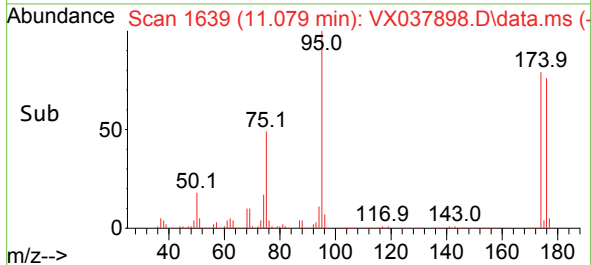
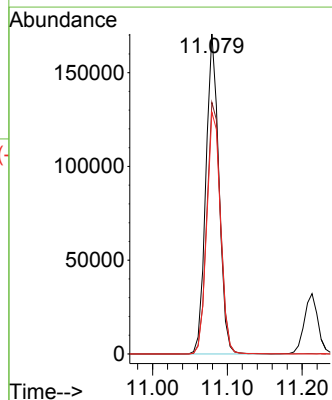
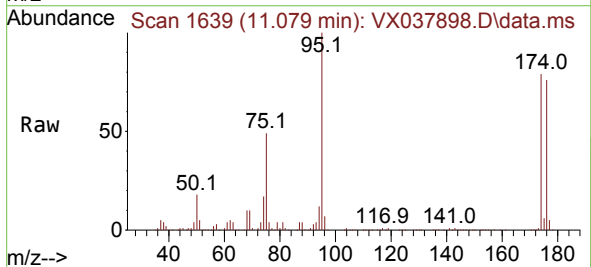
Instrument :  
MSVOA\_X  
ClientSampleId :

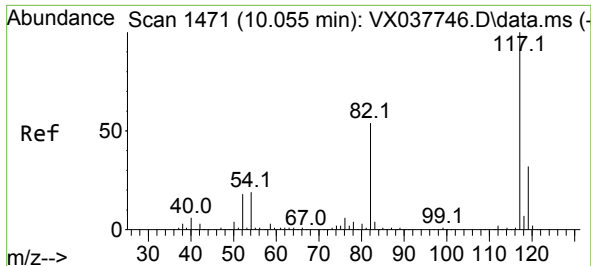
Tgt Ion:107 Resp: 161570  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 56.456 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

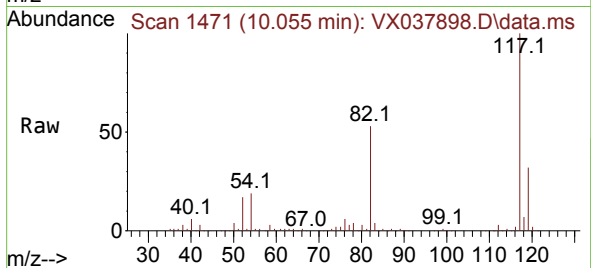
Tgt Ion: 95 Resp: 205848  
Ion Ratio Lower Upper  
95 100  
174 83.0 0.0 135.6  
176 79.9 0.0 131.0



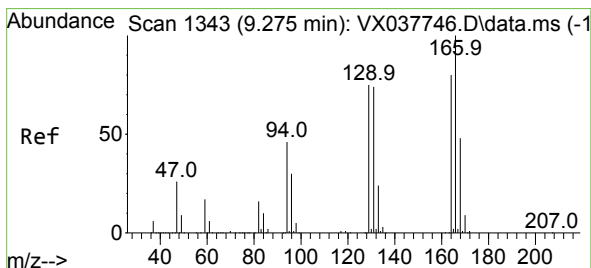
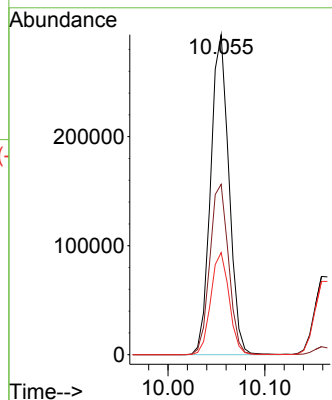
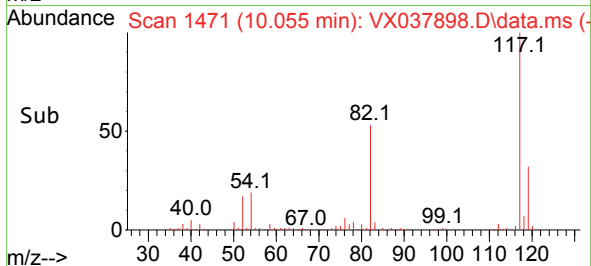


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

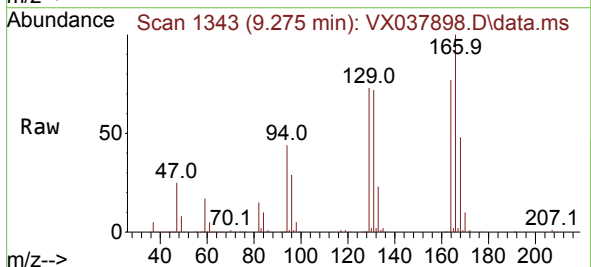
Instrument :  
MSVOA\_X  
ClientSampleId :



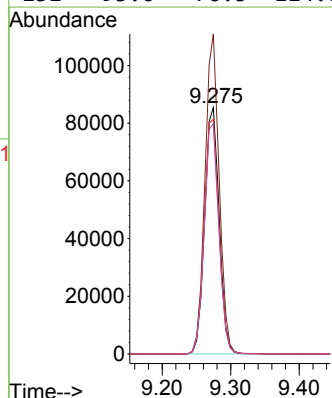
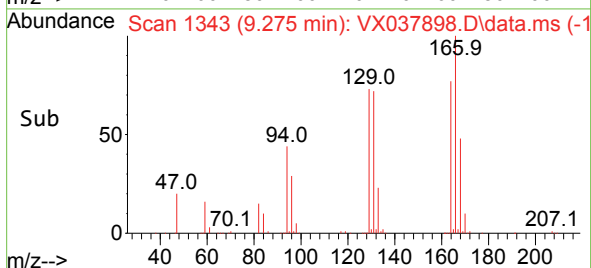
Tgt Ion:117 Resp: 386370  
Ion Ratio Lower Upper  
117 100  
82 53.2 46.2 69.4  
119 31.9 25.5 38.3

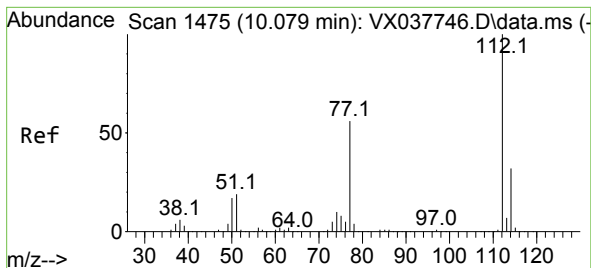


#64  
Tetrachloroethene  
Concen: 47.739 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20



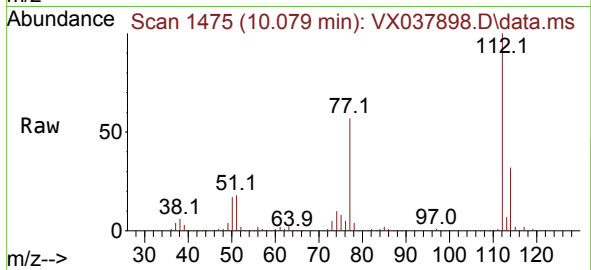
Tgt Ion:164 Resp: 125791  
Ion Ratio Lower Upper  
164 100  
166 129.9 102.7 154.1  
129 95.3 80.4 120.6  
131 93.6 76.5 114.7



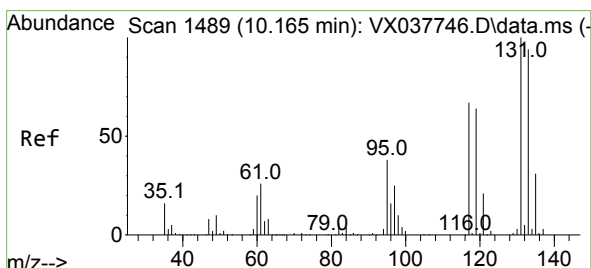
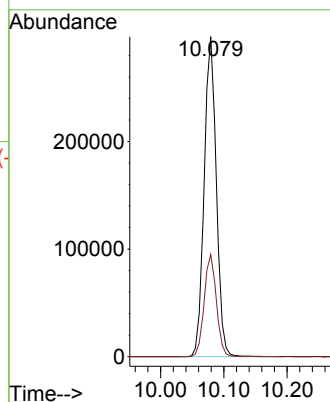
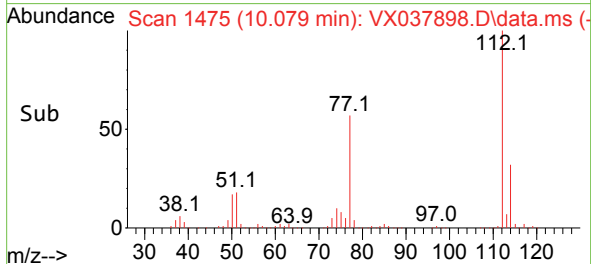


#65  
Chlorobenzene  
Concen: 47.742 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

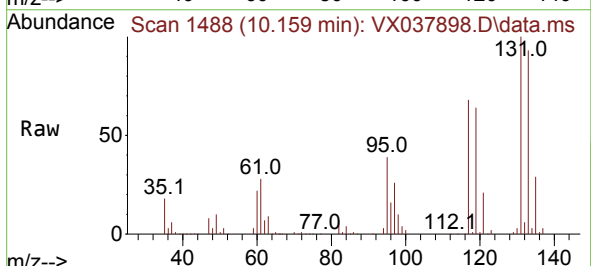
Instrument :  
MSVOA\_X  
ClientSampleId :



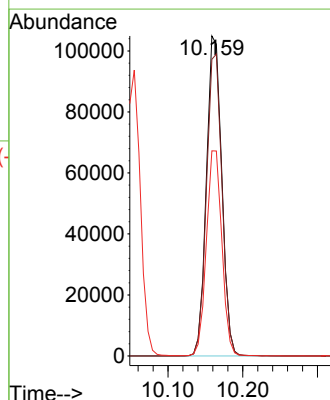
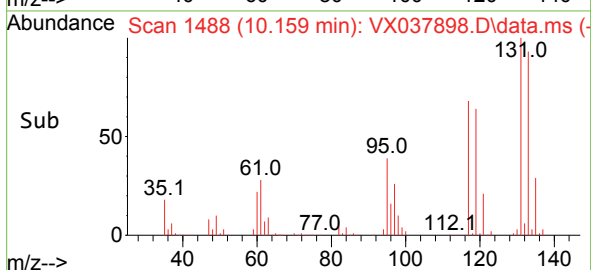
Tgt Ion:112 Resp: 397886  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.7 38.5

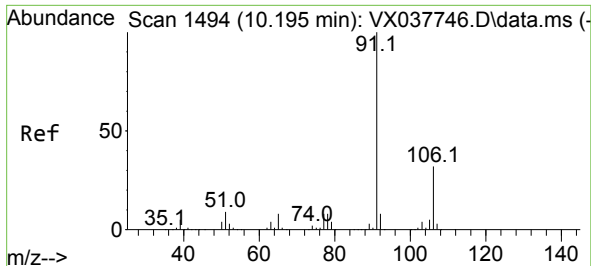


#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.787 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20



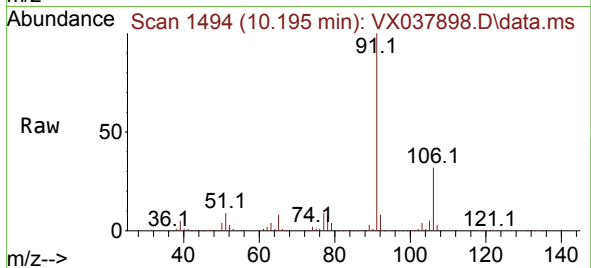
Tgt Ion:131 Resp: 149997  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.1 141.4  
119 64.6 32.2 96.6



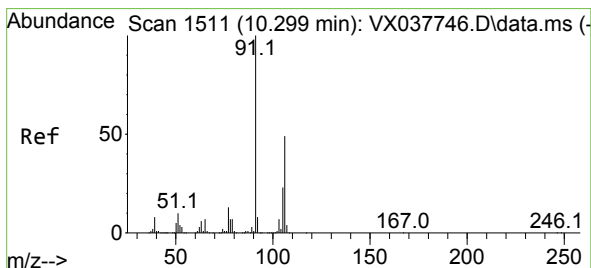
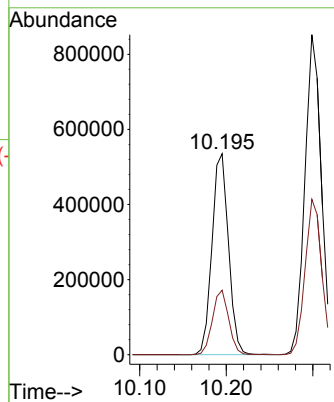
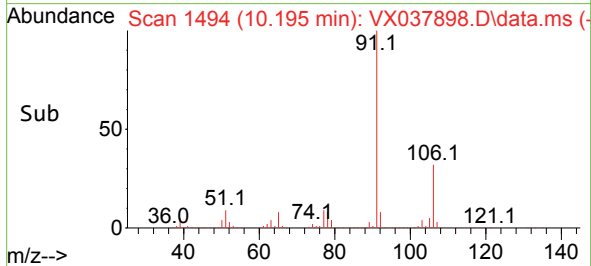


#67  
Ethyl Benzene  
Concen: 49.049 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

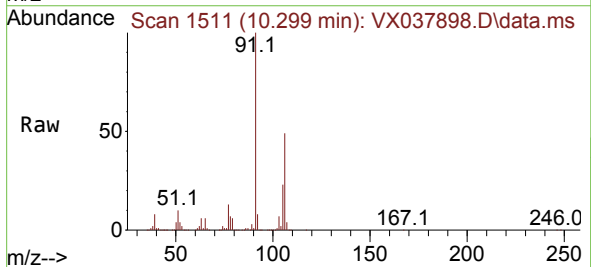
Instrument :  
MSVOA\_X  
ClientSampleId :



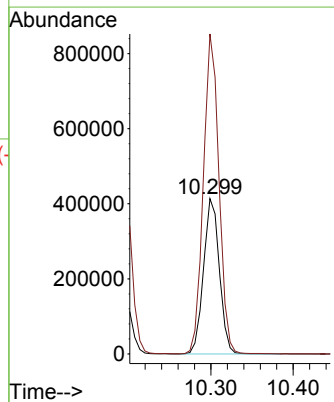
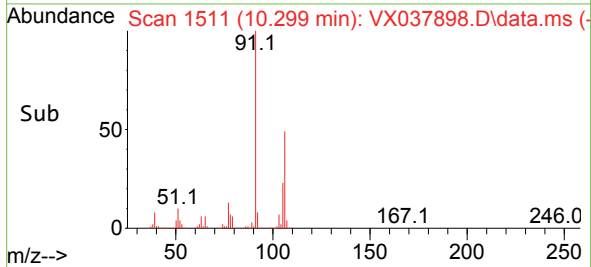
Tgt Ion: 91 Resp: 708710  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.9 37.3

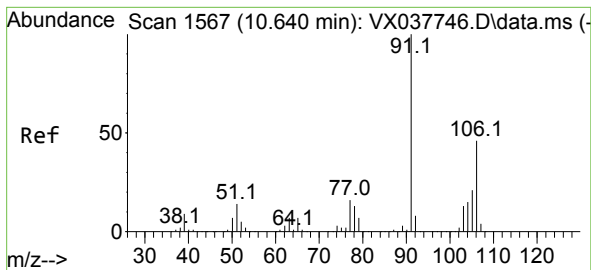


#68  
m/p-Xylenes  
Concen: 98.958 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20



Tgt Ion: 106 Resp: 552516  
Ion Ratio Lower Upper  
106 100  
91 203.1 165.5 248.3





#69

o-Xylene

Concen: 48.846 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

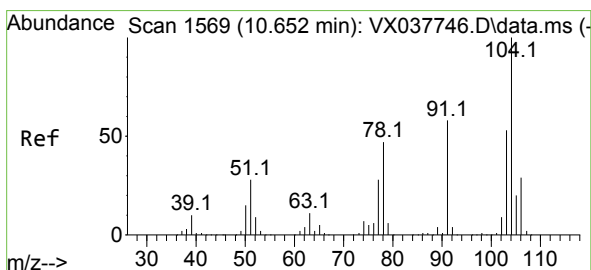
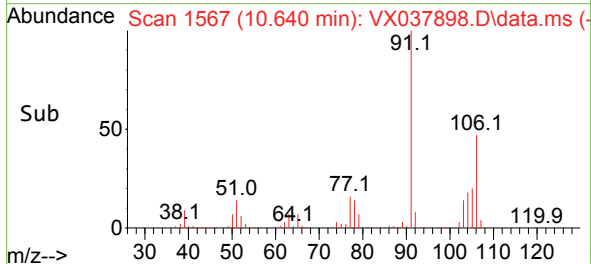
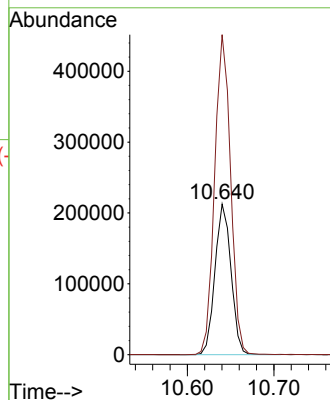
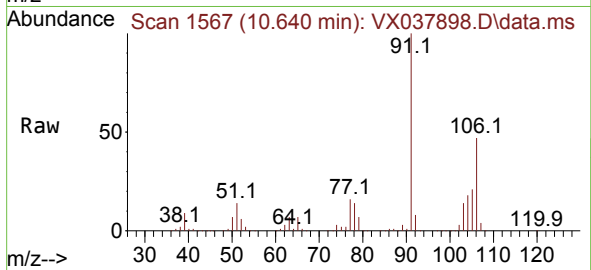
ClientSampleId :

Tgt Ion:106 Resp: 273481

Ion Ratio Lower Upper

106 100

91 212.4 108.9 326.8



#70

Styrene

Concen: 51.589 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

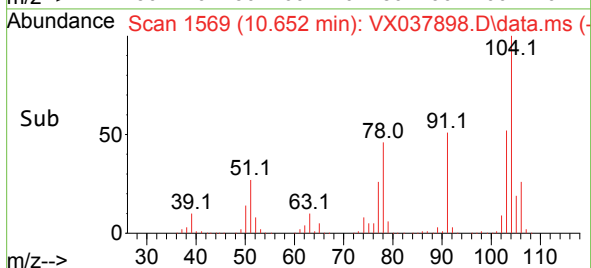
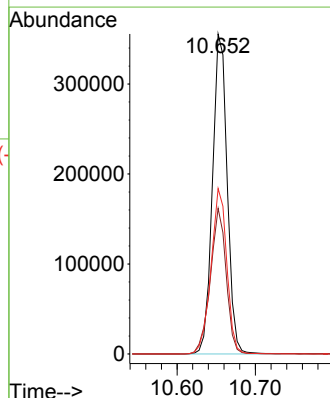
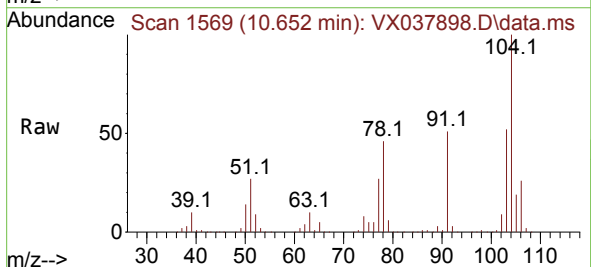
Tgt Ion:104 Resp: 463704

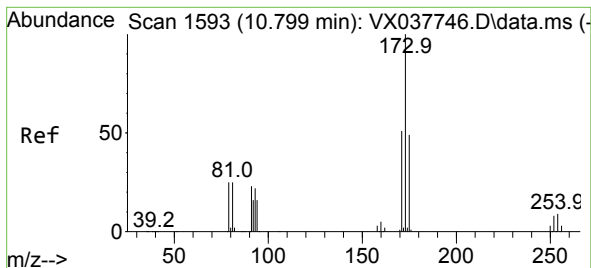
Ion Ratio Lower Upper

104 100

78 49.0 43.6 65.4

103 55.6 43.6 65.4





#71

Bromoform

Concen: 53.822 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :

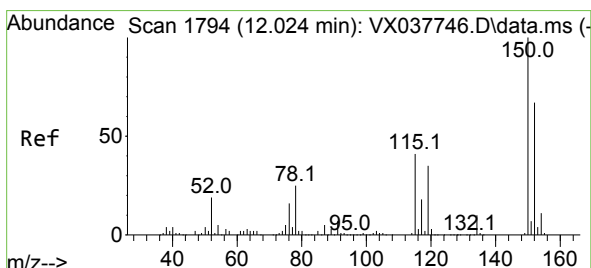
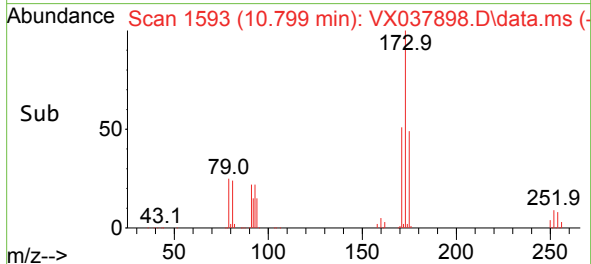
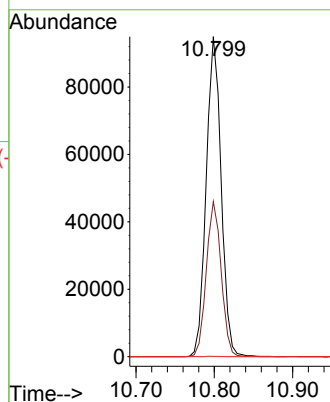
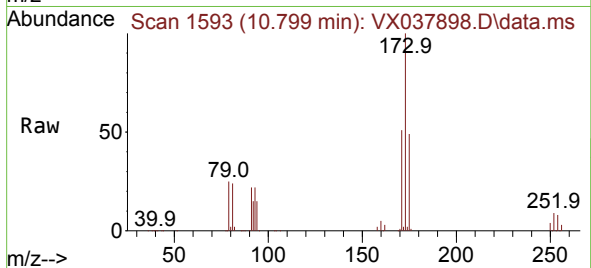
Tgt Ion:173 Resp: 125574

Ion Ratio Lower Upper

173 100

175 48.2 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. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

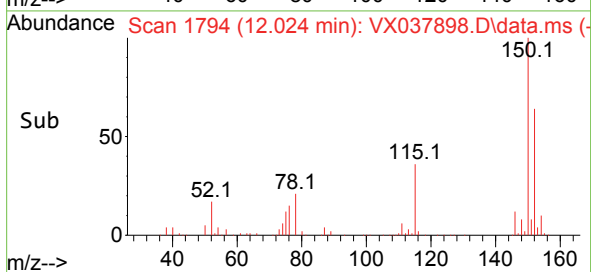
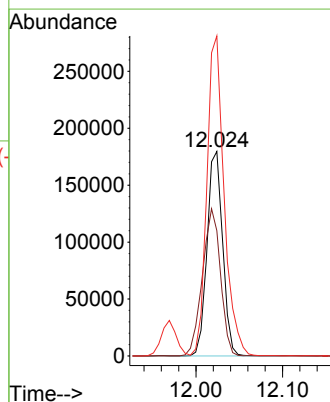
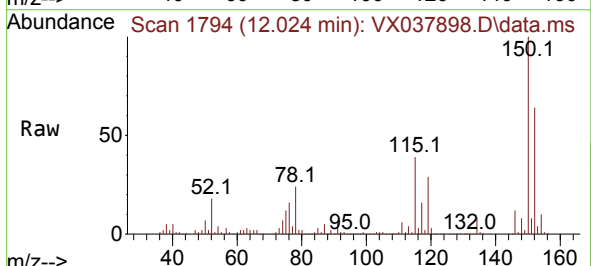
Tgt Ion:152 Resp: 224699

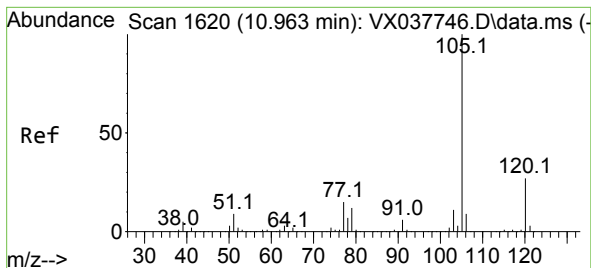
Ion Ratio Lower Upper

152 100

115 83.7 43.3 129.9

150 172.6 0.0 345.0





#73

Isopropylbenzene

Concen: 44.675 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

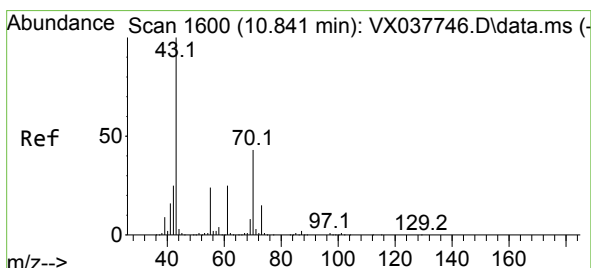
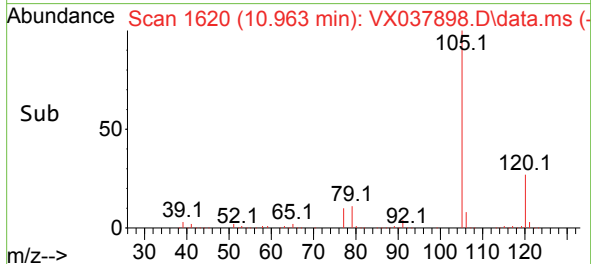
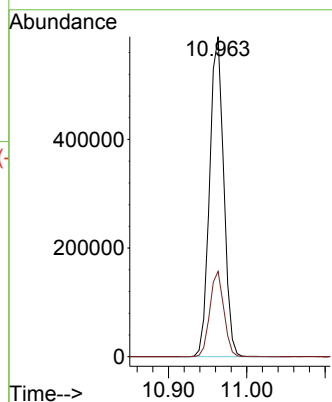
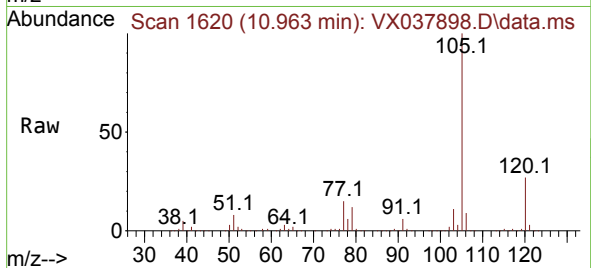
ClientSampleId :

Tgt Ion:105 Resp: 736465

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.6



#74

N-ethyl acetate

Concen: 43.279 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Tgt Ion: 43 Resp: 288945

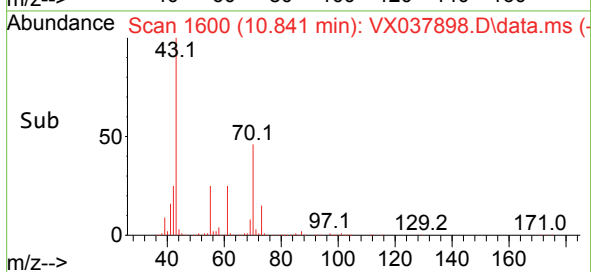
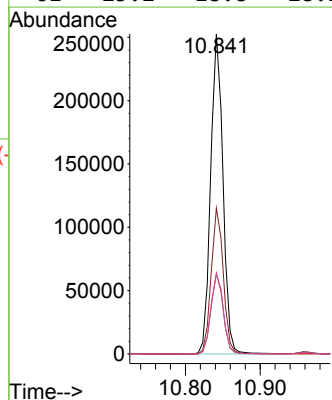
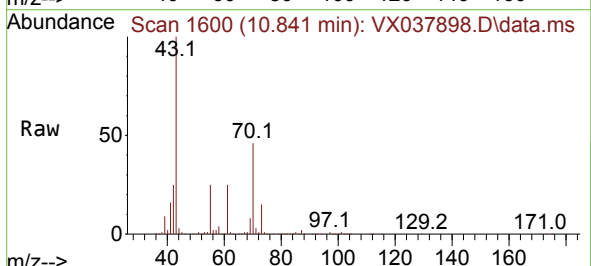
Ion Ratio Lower Upper

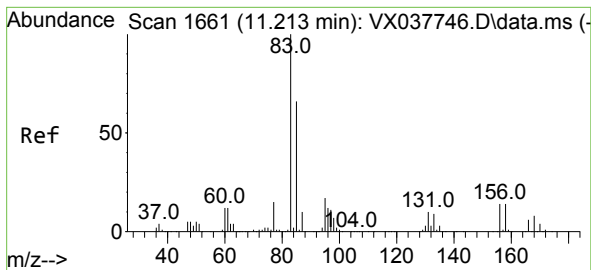
43 100

70 45.0 32.9 49.3

55 25.3 19.3 28.9

61 25.2 18.8 28.2

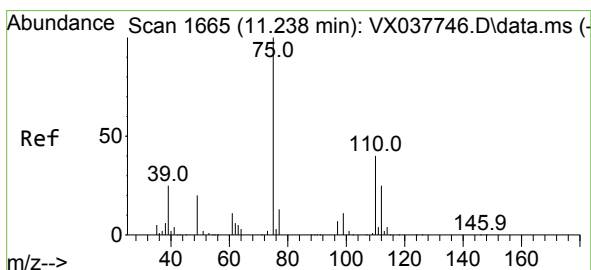
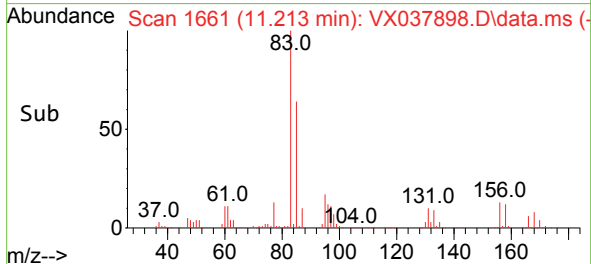
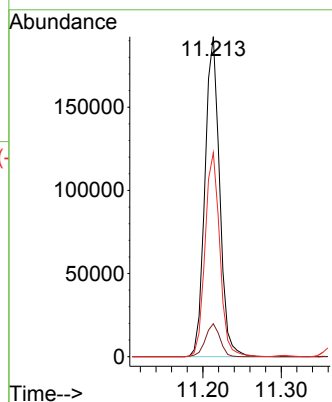
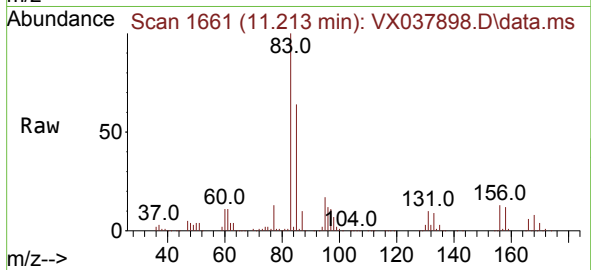




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 43.102 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

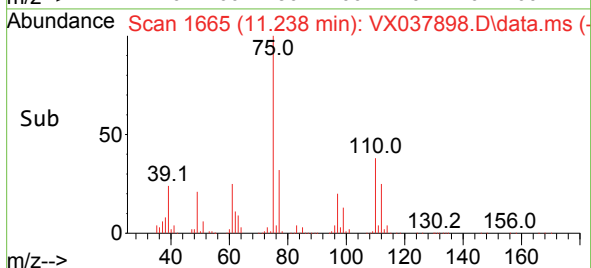
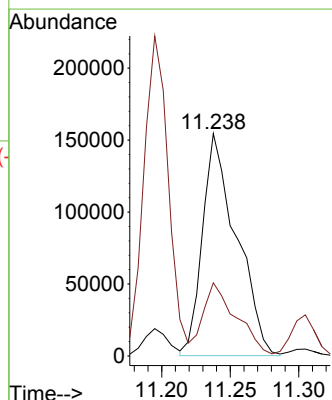
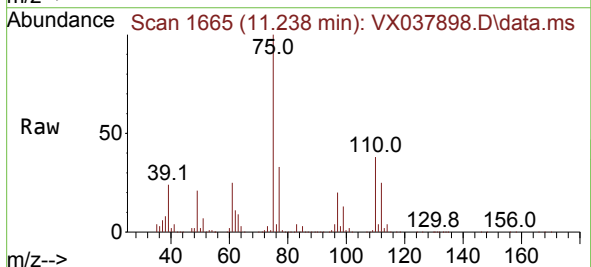
Instrument :  
 MSVOA\_X  
 ClientSampleId :

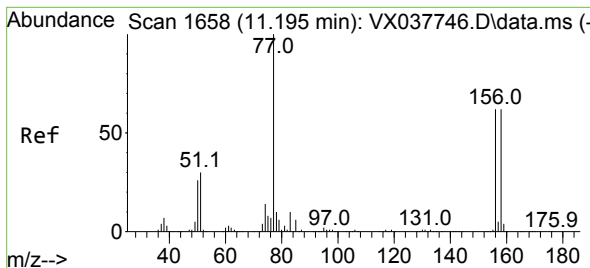
Tgt Ion: 83 Resp: 249890  
 Ion Ratio Lower Upper  
 83 100  
 131 10.2 5.3 15.8  
 85 64.0 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 51.323 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

Tgt Ion: 75 Resp: 266729  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 19.1 57.5





#77

Bromobenzene

Concen: 45.215 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :

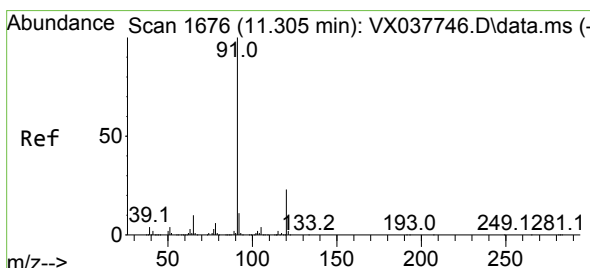
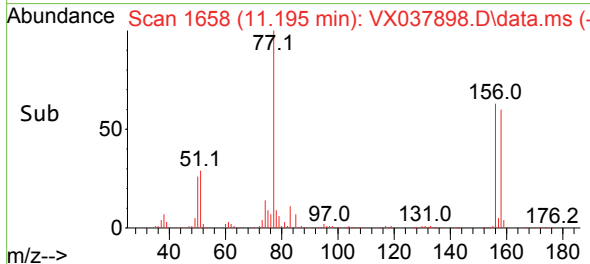
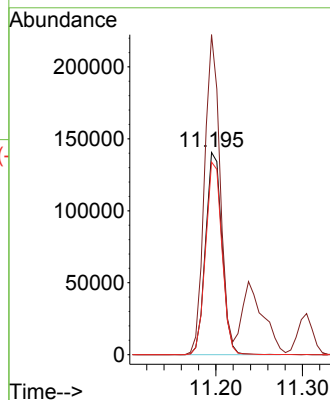
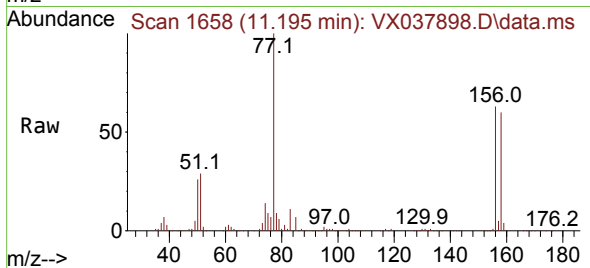
Tgt Ion:156 Resp: 184489

Ion Ratio Lower Upper

156 100

77 151.1 88.4 265.3

158 95.4 48.0 144.0



#78

n-propylbenzene

Concen: 47.184 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037898.D

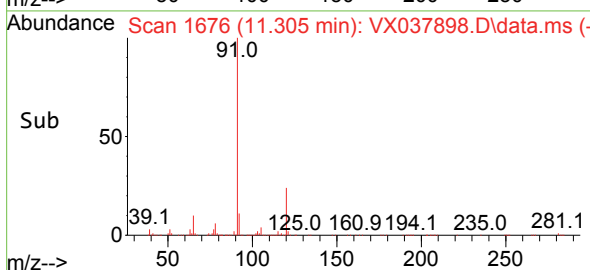
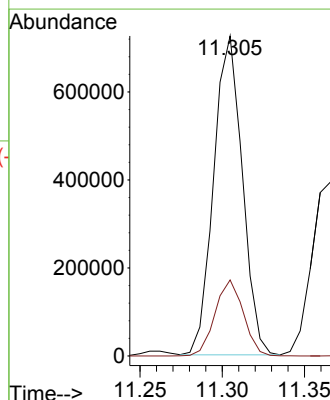
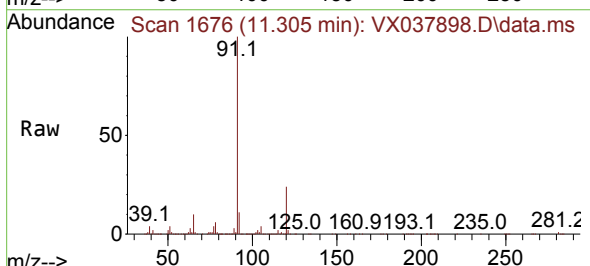
Acq: 26 Sep 2023 10:20

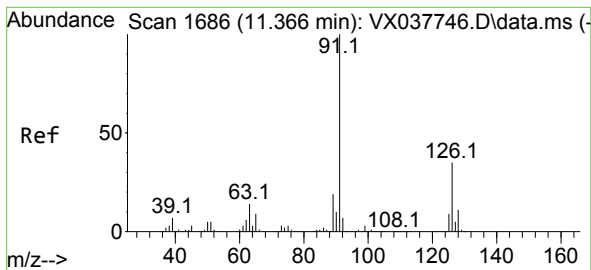
Tgt Ion: 91 Resp: 878448

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 43.876 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

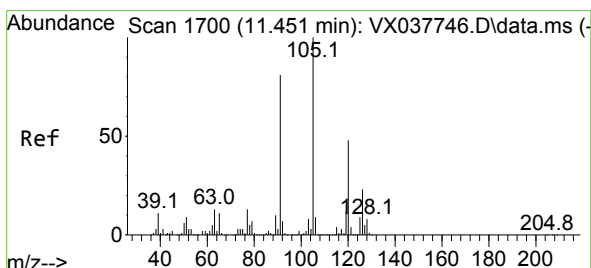
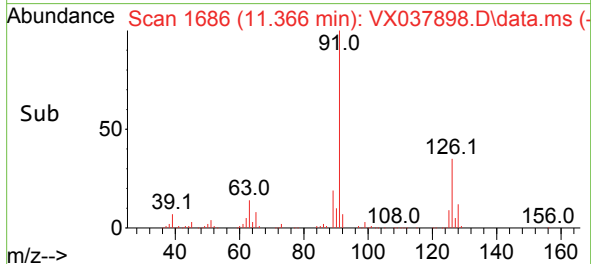
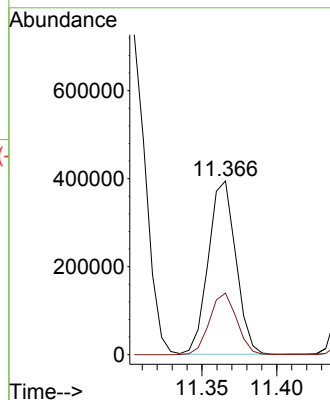
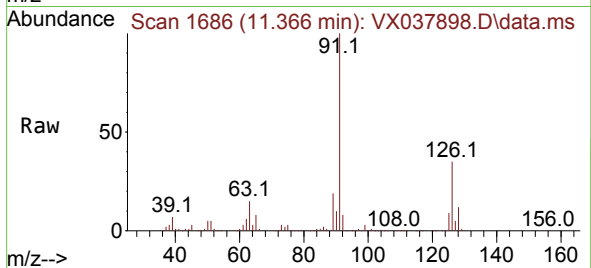
ClientSampleId :

Tgt Ion: 91 Resp: 503659

Ion Ratio Lower Upper

91 100

126 35.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 45.710 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037898.D

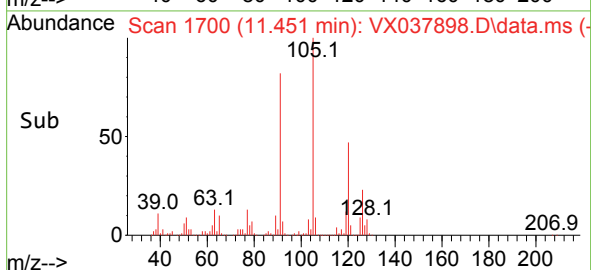
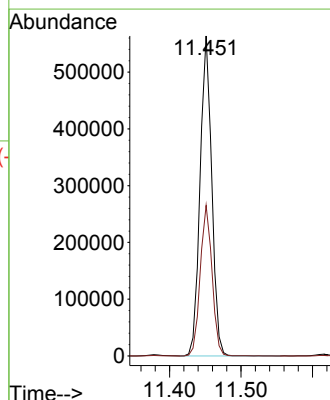
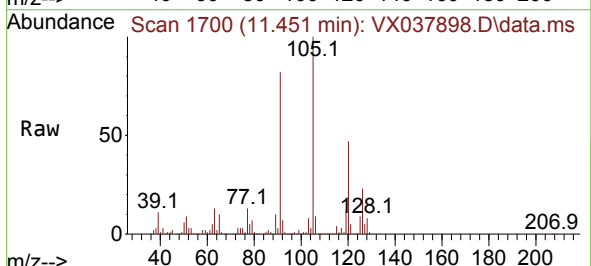
Acq: 26 Sep 2023 10:20

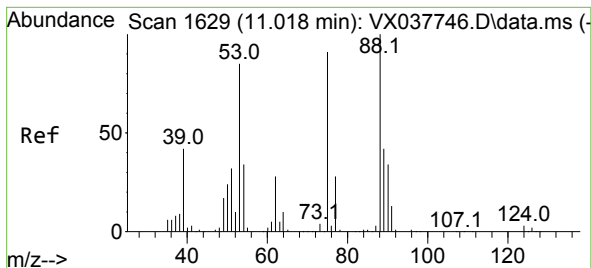
Tgt Ion: 105 Resp: 636355

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3

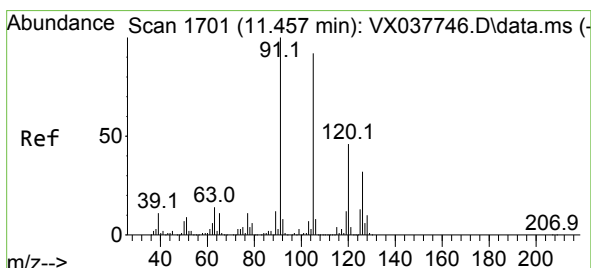
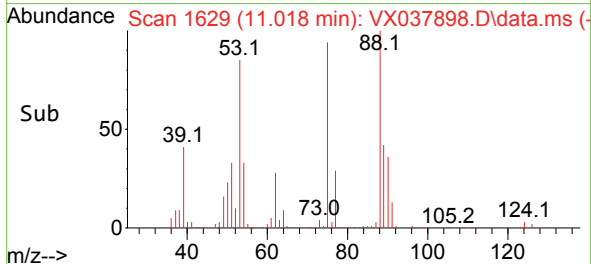
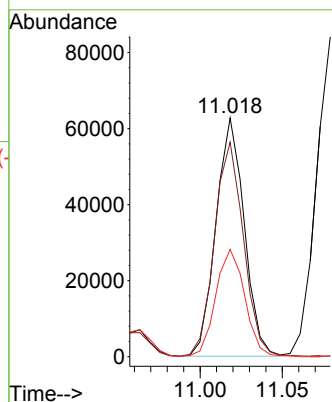
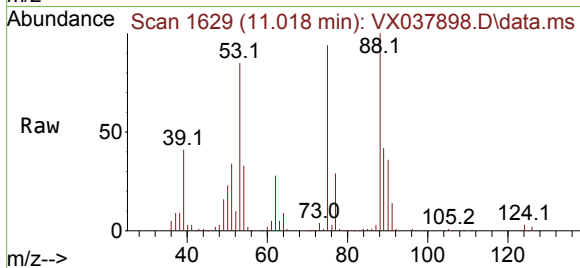




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 46.170 ug/l  
 RT: 11.018 min Scan# 1100  
 Delta R.T. -0.000 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

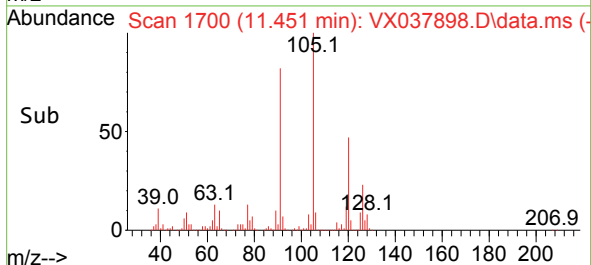
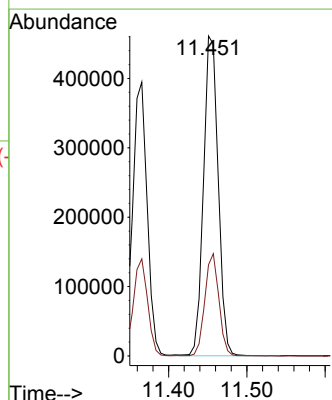
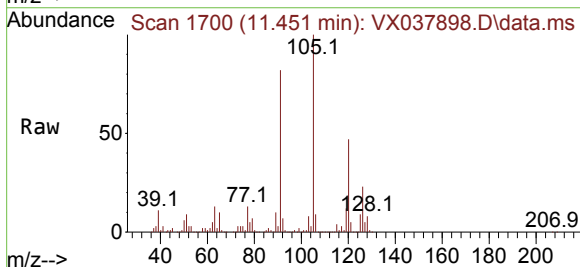
Instrument :  
 MSVOA\_X  
 ClientSampleId :

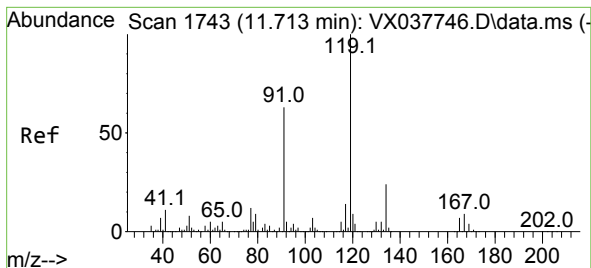
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 92.1  | 90.5  | 135.7 |
| 89      | 46.4  | 36.9  | 55.3  |



#82  
 4-Chlorotoluene  
 Concen: 46.451 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. -0.006 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.7  | 14.2  | 42.6  |





#83

tert-Butylbenzene

Concen: 45.300 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :

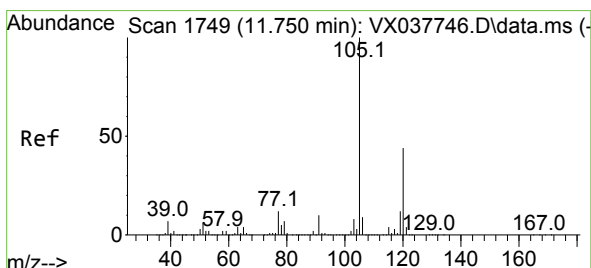
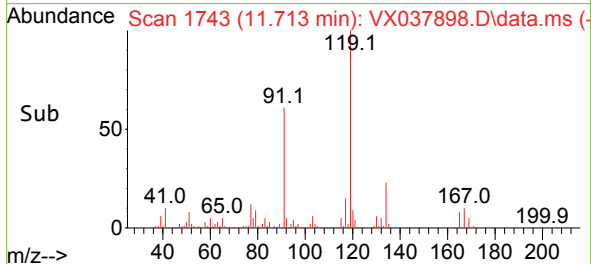
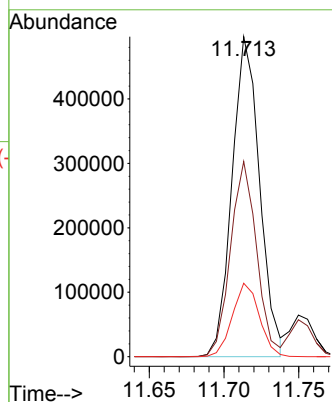
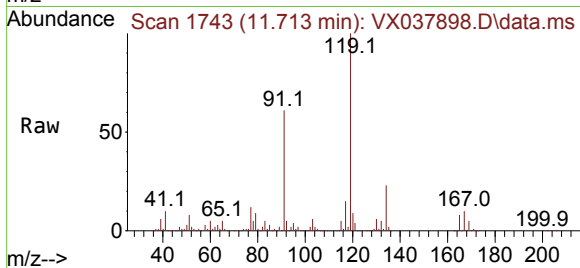
Tgt Ion:119 Resp: 637377

Ion Ratio Lower Upper

119 100

91 57.8 31.2 93.6

134 22.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 45.899 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037898.D

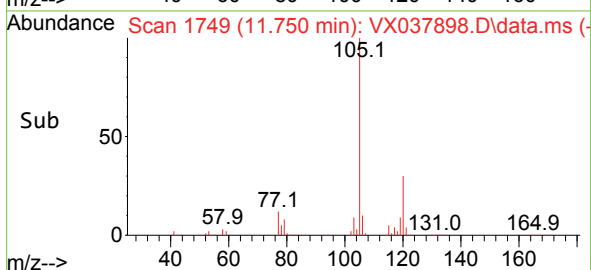
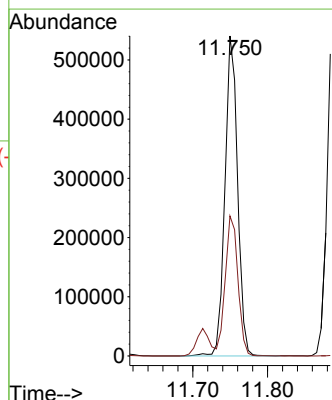
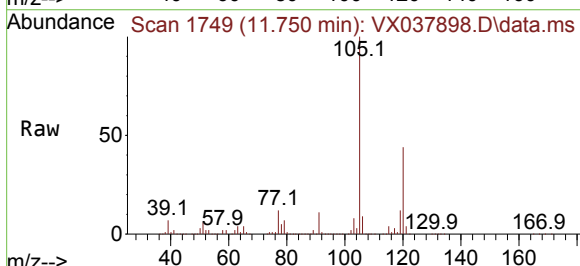
Acq: 26 Sep 2023 10:20

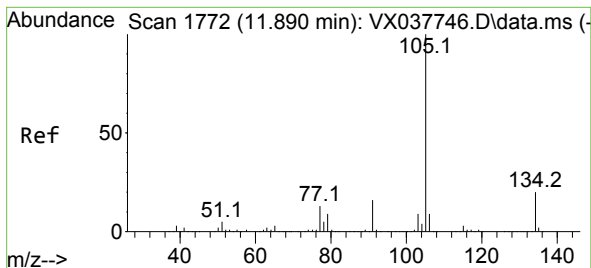
Tgt Ion:105 Resp: 635759

Ion Ratio Lower Upper

105 100

120 43.9 21.2 63.6





#85

sec-Butylbenzene

Concen: 47.806 ug/l

RT: 11.890 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

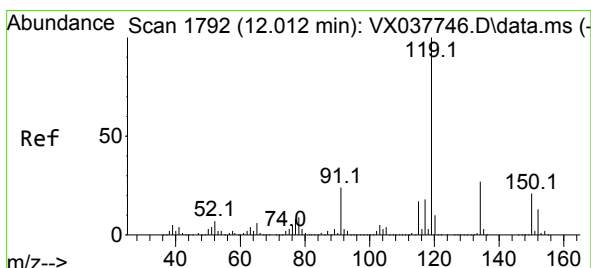
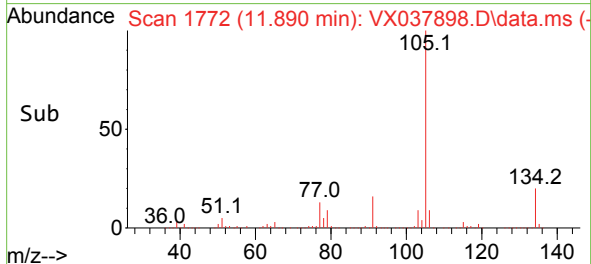
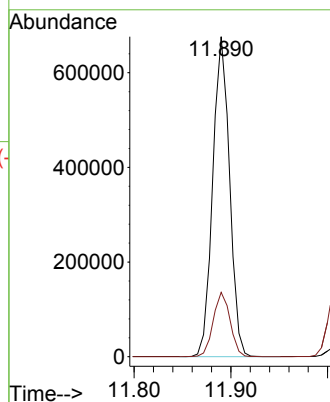
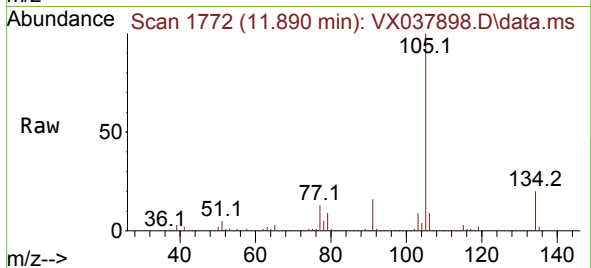
ClientSampleId :

Tgt Ion:105 Resp: 816047

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 48.688 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

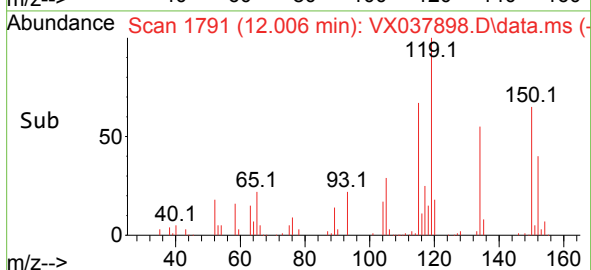
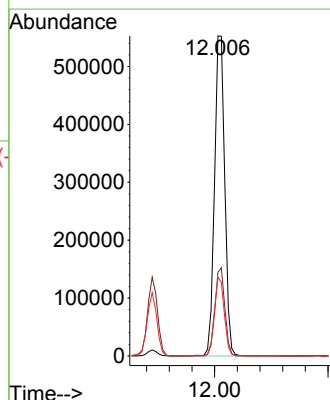
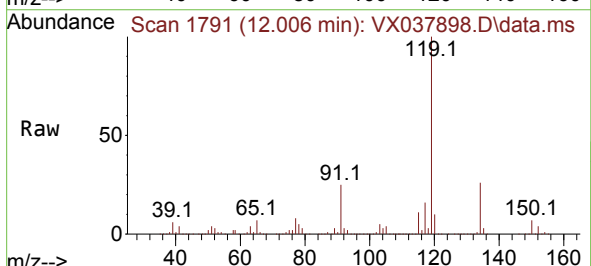
Tgt Ion:119 Resp: 692428

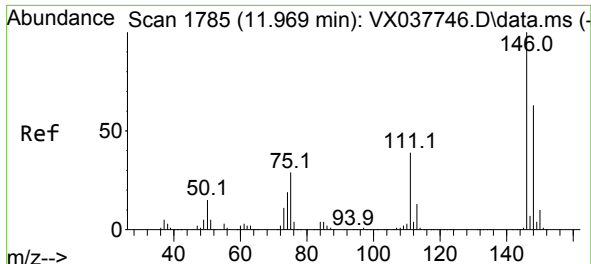
Ion Ratio Lower Upper

119 100

134 26.6 12.8 38.3

91 23.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.617 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

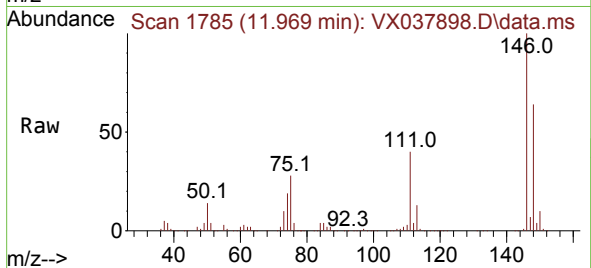
Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :



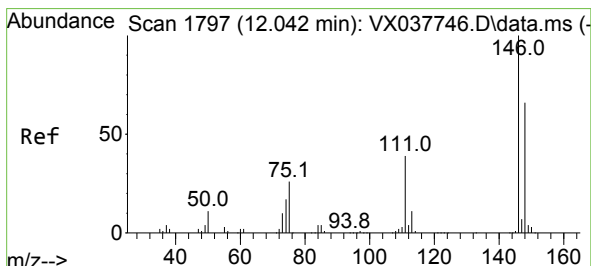
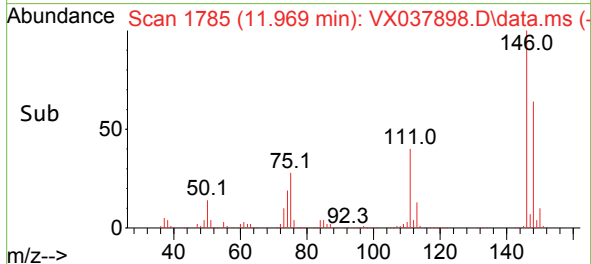
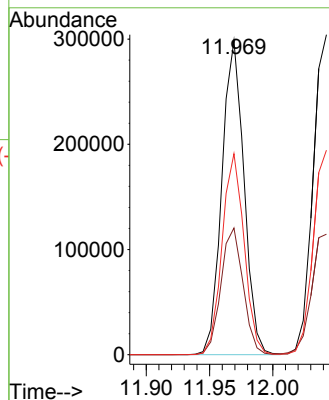
Tgt Ion:146 Resp: 362169

Ion Ratio Lower Upper

146 100

111 40.6 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.545 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

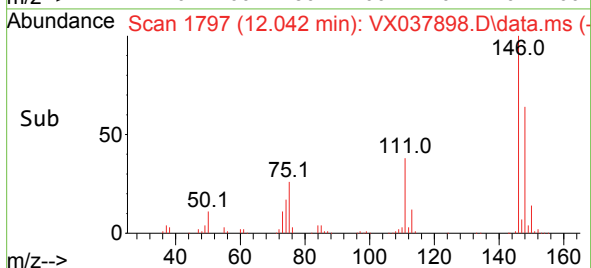
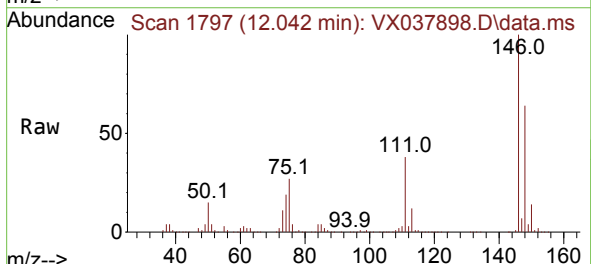
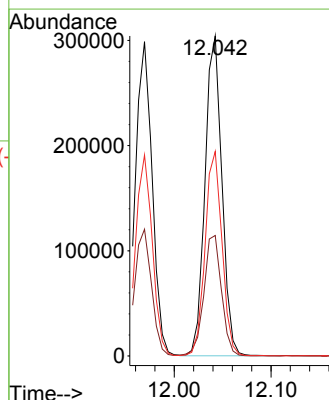
Tgt Ion:146 Resp: 370048

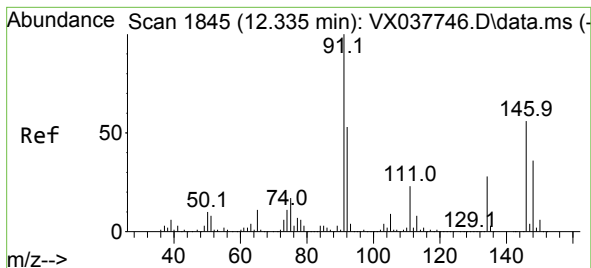
Ion Ratio Lower Upper

146 100

111 39.4 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 53.097 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :

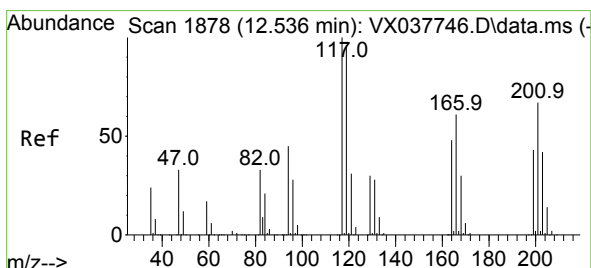
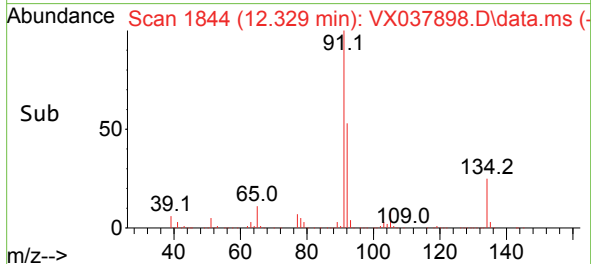
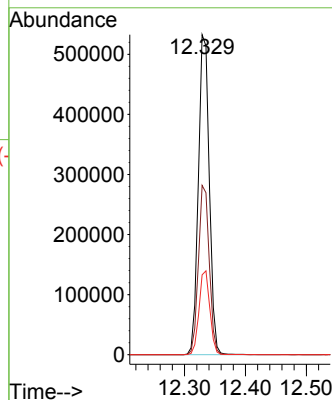
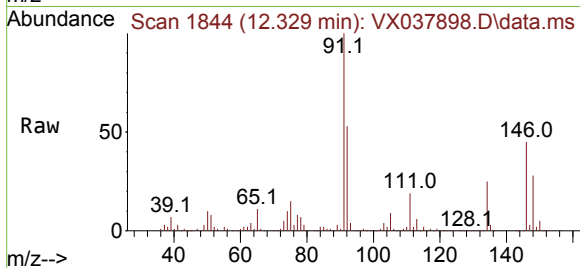
Tgt Ion: 91 Resp: 661528

Ion Ratio Lower Upper

91 100

92 52.7 27.4 82.0

134 25.9 12.6 37.8



#90

Hexachloroethane

Concen: 49.488 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037898.D

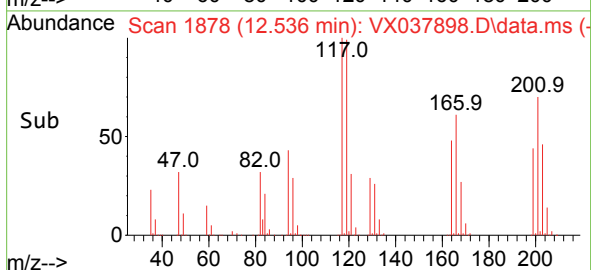
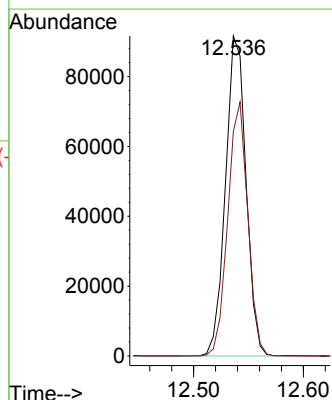
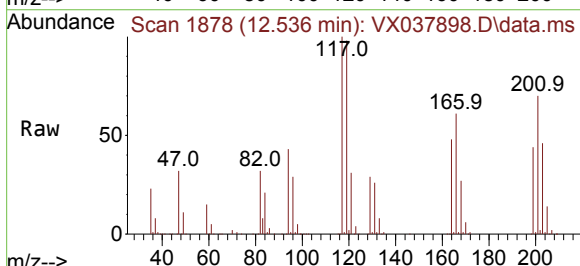
Acq: 26 Sep 2023 10:20

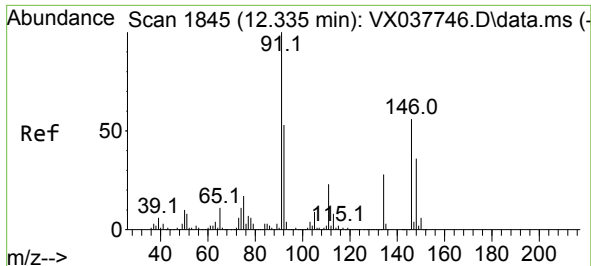
Tgt Ion:117 Resp: 119249

Ion Ratio Lower Upper

117 100

201 77.2 32.9 98.6

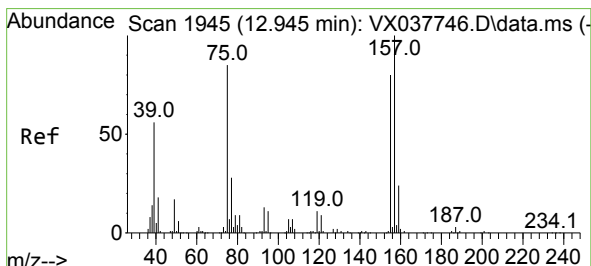
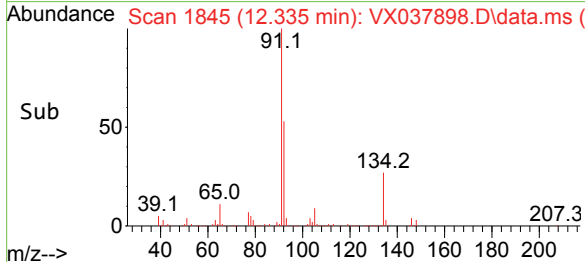
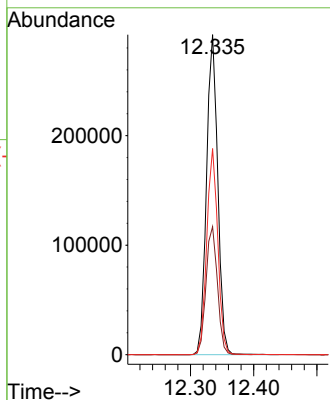
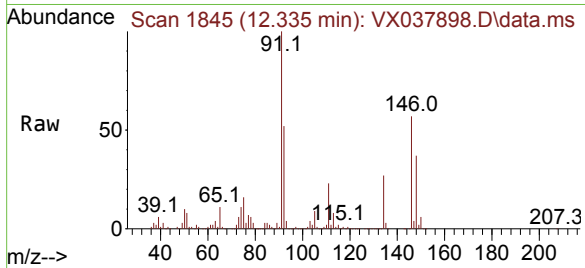




#91  
 1,2-Dichlorobenzene  
 Concen: 46.443 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

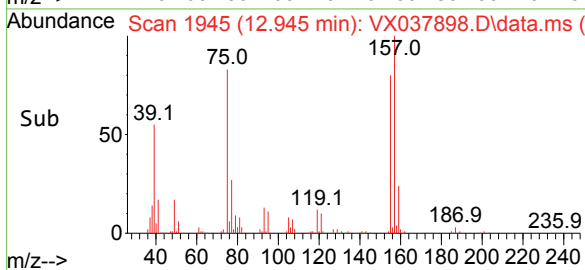
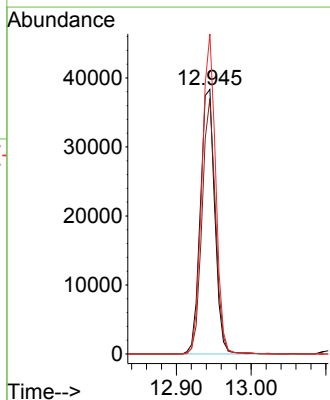
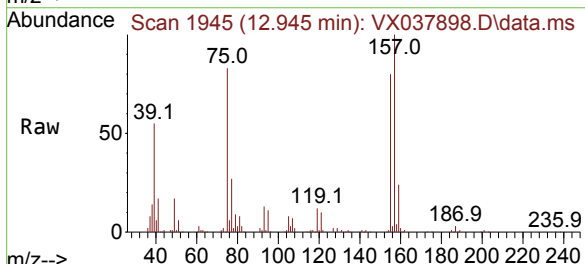
Instrument :  
 MSVOA\_X  
 ClientSampleId :

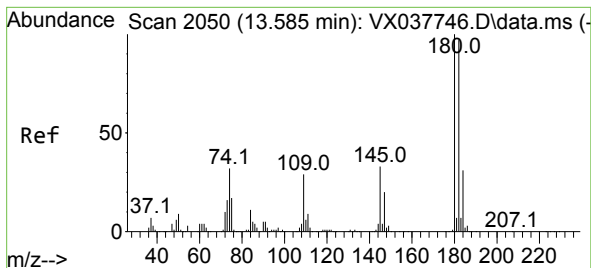
Tgt Ion:146 Resp: 360658  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 22.4 67.0  
 148 63.5 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 44.408 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.006 min  
 Lab File: VX037898.D  
 Acq: 26 Sep 2023 10:20

Tgt Ion: 75 Resp: 51322  
 Ion Ratio Lower Upper  
 75 100  
 155 90.0 36.1 108.5  
 157 114.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.018 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

Instrument :

MSVOA\_X

ClientSampleId :

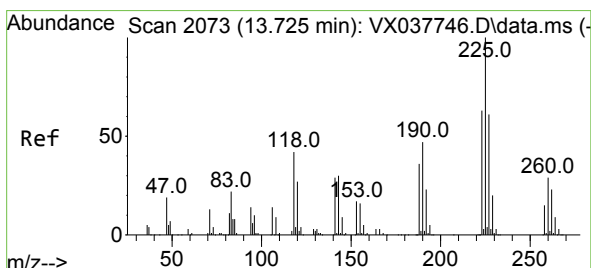
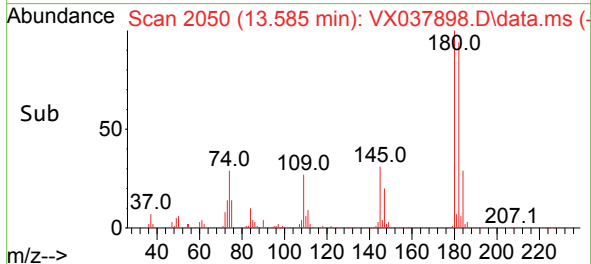
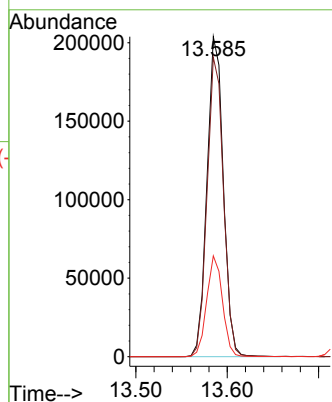
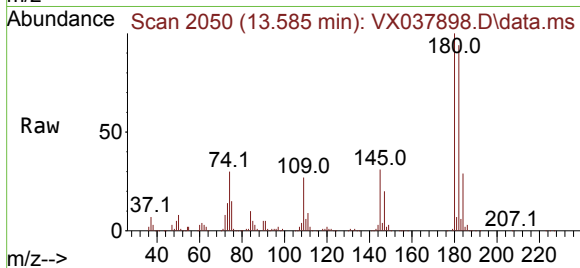
Tgt Ion:180 Resp: 251668

Ion Ratio Lower Upper

180 100

182 94.1 48.3 144.8

145 30.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 54.019 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037898.D

Acq: 26 Sep 2023 10:20

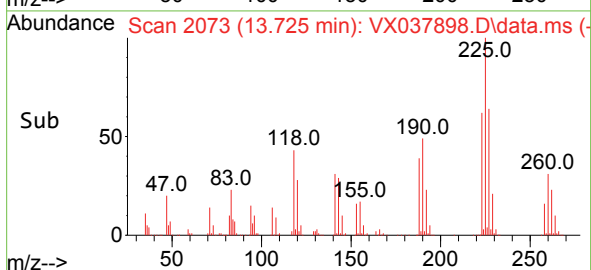
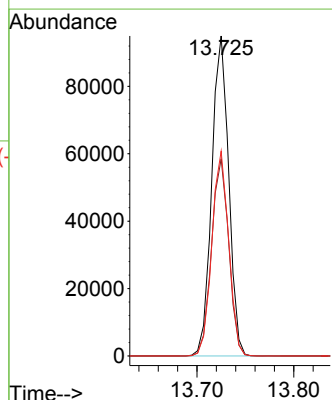
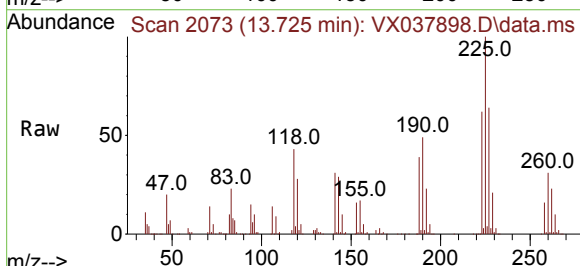
Tgt Ion:225 Resp: 115392

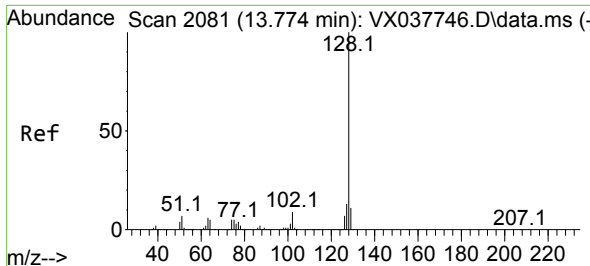
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.2

227 63.7 32.5 97.5

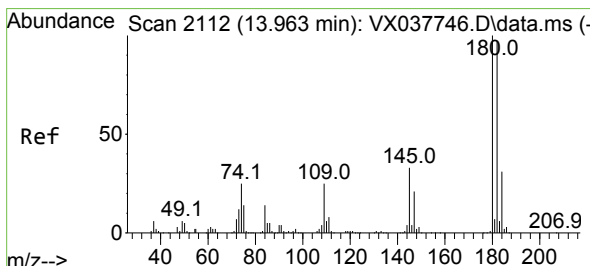
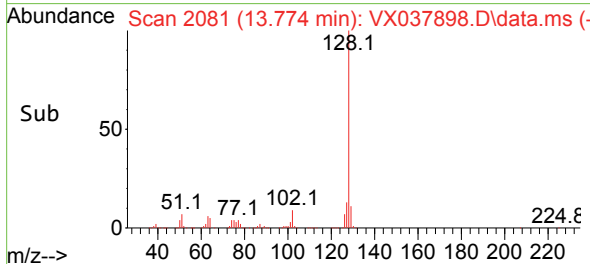
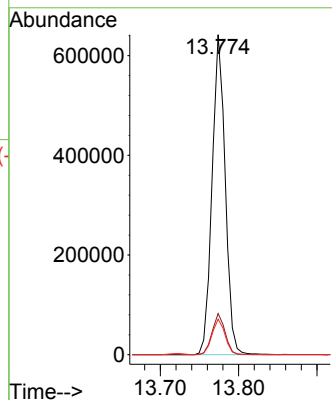
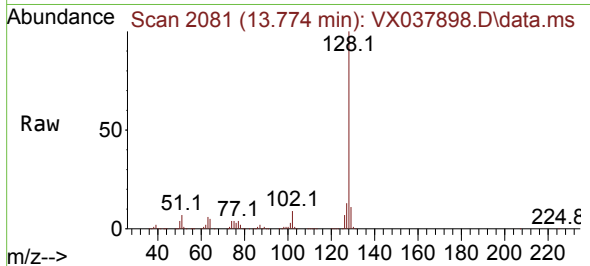




#95  
Naphthalene  
Concen: 48.157 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.3  | 15.5  |
| 129     | 11.1  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 51.150 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX037898.D  
Acq: 26 Sep 2023 10:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 46.9  | 140.6 |
| 145     | 32.1  | 17.8  | 53.5  |

