

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110723\  
 Data File : VX038634.D  
 Acq On : 07 Nov 2023 15:08  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 08 03:06:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 01:38:47 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                        |        |       |          |          |       |           |
| Internal Standards           |        |       |          |          |       |           |
| 1) Pentafluorobenzene        | 5.556  | 168   | 309223   | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 471992   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 456704   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 265370   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds  |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 370615   | 96.271   | ug/l  | 0.00      |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 192.540%# |
| 35) Dibromofluoromethane     | 5.391  | 113   | 339020   | 99.729   | ug/l  | 0.00      |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 199.460%# |
| 50) Toluene-d8               | 8.653  | 98    | 1202859  | 98.883   | ug/l  | 0.00      |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 197.760%# |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 476487   | 101.029  | ug/l  | 0.00      |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 202.060%# |
| Target Compounds             |        |       |          |          |       | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 306635   | 95.488   | ug/l  | 100       |
| 3) Chloromethane             | 1.300  | 50    | 247581   | 89.200   | ug/l  | 97        |
| 4) Vinyl Chloride            | 1.374  | 62    | 272567   | 92.246   | ug/l  | 97        |
| 5) Bromomethane              | 1.599  | 94    | 182686   | 80.103   | ug/l  | 99        |
| 6) Chloroethane              | 1.678  | 64    | 172568   | 92.238   | ug/l  | 96        |
| 7) Trichlorofluoromethane    | 1.880  | 101   | 472449   | 92.744   | ug/l  | 99        |
| 8) Diethyl Ether             | 2.136  | 74    | 159509   | 91.215   | ug/l  | 73        |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 273463   | 90.790   | ug/l  | 90        |
| 10) Methyl Iodide            | 2.453  | 142   | 379854   | 102.114  | ug/l  | 91        |
| 11) Tert butyl alcohol       | 2.971  | 59    | 350534   | 445.414  | ug/l  | # 91      |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 265215   | 91.903   | ug/l  | # 78      |
| 13) Acrolein                 | 2.239  | 56    | 291825   | 489.251  | ug/l  | 99        |
| 14) Allyl chloride           | 2.660  | 41    | 383300   | 92.732   | ug/l  | # 94      |
| 15) Acrylonitrile            | 3.062  | 53    | 778970   | 469.016  | ug/l  | 99        |
| 16) Acetone                  | 2.380  | 43    | 710512   | 438.234  | ug/l  | 91        |
| 17) Carbon Disulfide         | 2.508  | 76    | 709442   | 92.520   | ug/l  | 99        |
| 18) Methyl Acetate           | 2.703  | 43    | 641548   | 92.878   | ug/l  | # 87      |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 863416   | 93.561   | ug/l  | 97        |
| 20) Methylene Chloride       | 2.788  | 84    | 290994   | 89.034   | ug/l  | # 83      |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 291720   | 92.853   | ug/l  | 82        |
| 22) Diisopropyl ether        | 3.763  | 45    | 729871   | 93.689   | ug/l  | # 82      |
| 23) Vinyl Acetate            | 3.721  | 43    | 2654896  | 480.139  | ug/l  | # 91      |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 471928   | 91.564   | ug/l  | 97        |
| 25) 2-Butanone               | 4.556  | 43    | 1087457  | 463.010  | ug/l  | # 86      |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 417777   | 92.836   | ug/l  | 94        |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 336988   | 92.886   | ug/l  | 85        |
| 28) Bromochloromethane       | 4.897  | 49    | 237866   | 102.694  | ug/l  | # 59      |
| 29) Tetrahydrofuran          | 5.001  | 42    | 685374   | 469.024  | ug/l  | # 82      |
| 30) Chloroform               | 5.092  | 83    | 542023   | 89.630   | ug/l  | 97        |
| 31) Cyclohexane              | 5.470  | 56    | 393022   | 92.244   | ug/l  | 85        |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 497610   | 93.502   | ug/l  | 96        |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 384405   | 91.032   | ug/l  | 94        |
| 37) Ethyl Acetate            | 4.714  | 43    | 404811   | 93.894   | ug/l  | # 94      |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 450521   | 95.435   | ug/l  | 97        |
| 39) Methylcyclohexane        | 7.379  | 83    | 491639   | 93.121   | ug/l  | 90        |
| 40) Benzene                  | 6.037  | 78    | 1120133  | 92.096   | ug/l  | 99        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110723\  
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 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 08 03:06:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 01:38:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 210606   | 95.884   | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 407826   | 92.929   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 633558   | 95.585   | ug/l # | 92       |
| 44) Trichloroethene           | 7.123  | 130  | 351008   | 92.753   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 273719   | 93.095   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 230355   | 93.684   | ug/l # | 87       |
| 47) Bromodichloromethane      | 7.824  | 83   | 425182   | 91.946   | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 307080   | 96.134   | ug/l # | 83       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 140227   | 1928.354 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 2044271  | 473.374  | ug/l   | 91       |
| 52) Toluene                   | 8.720  | 92   | 748372   | 93.928   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 471693   | 100.192  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 482968   | 97.177   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 318416   | 94.188   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 470570   | 99.489   | ug/l   | 87       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 492080   | 93.453   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 1160902  | 499.196  | ug/l   | 90       |
| 59) 2-Hexanone                | 9.433  | 43   | 1668249  | 477.423  | ug/l   | 90       |
| 60) Dibromochloromethane      | 9.518  | 129  | 371719   | 97.950   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 358257   | 94.293   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 307588   | 89.976   | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 866042   | 93.153   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 335040   | 95.863   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 1473131  | 93.674   | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 1179346  | 188.953  | ug/l   | 93       |
| 69) o-Xylene                  | 10.640 | 106  | 579703   | 95.509   | ug/l   | 95       |
| 70) Styrene                   | 10.652 | 104  | 970358   | 96.868   | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 313662   | 101.680  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 1516234  | 93.133   | ug/l   | 97       |
| 74) N-amyl acetate            | 10.841 | 43   | 564884   | 99.861   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 519963   | 92.384   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 599473   | 114.063  | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 408994   | 91.536   | ug/l   | 82       |
| 78) n-propylbenzene           | 11.305 | 91   | 1739761  | 91.832   | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 1041239  | 91.800   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1321229  | 94.295   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 170607   | 93.352   | ug/l   | 84       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 1227102  | 92.606   | ug/l   | 92       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 1355777  | 95.492   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 1325901  | 95.408   | ug/l   | 95       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 1642977  | 92.741   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 1421574  | 94.196   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 790767   | 92.568   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 797212   | 90.793   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.335 | 91   | 1277396  | 95.117   | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 254354   | 99.500   | ug/l   | 78       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 771030   | 92.420   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 132369   | 93.576   | ug/l   | 65       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 549663   | 92.116   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 234177   | 90.949   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 1715307  | 95.298   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 538902   | 91.627   | ug/l   | 97       |

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Data File : VX038634.D  
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Operator : JC/MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Nov 08 03:06:05 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 08 01:38:47 2023  
Response via : Initial Calibration

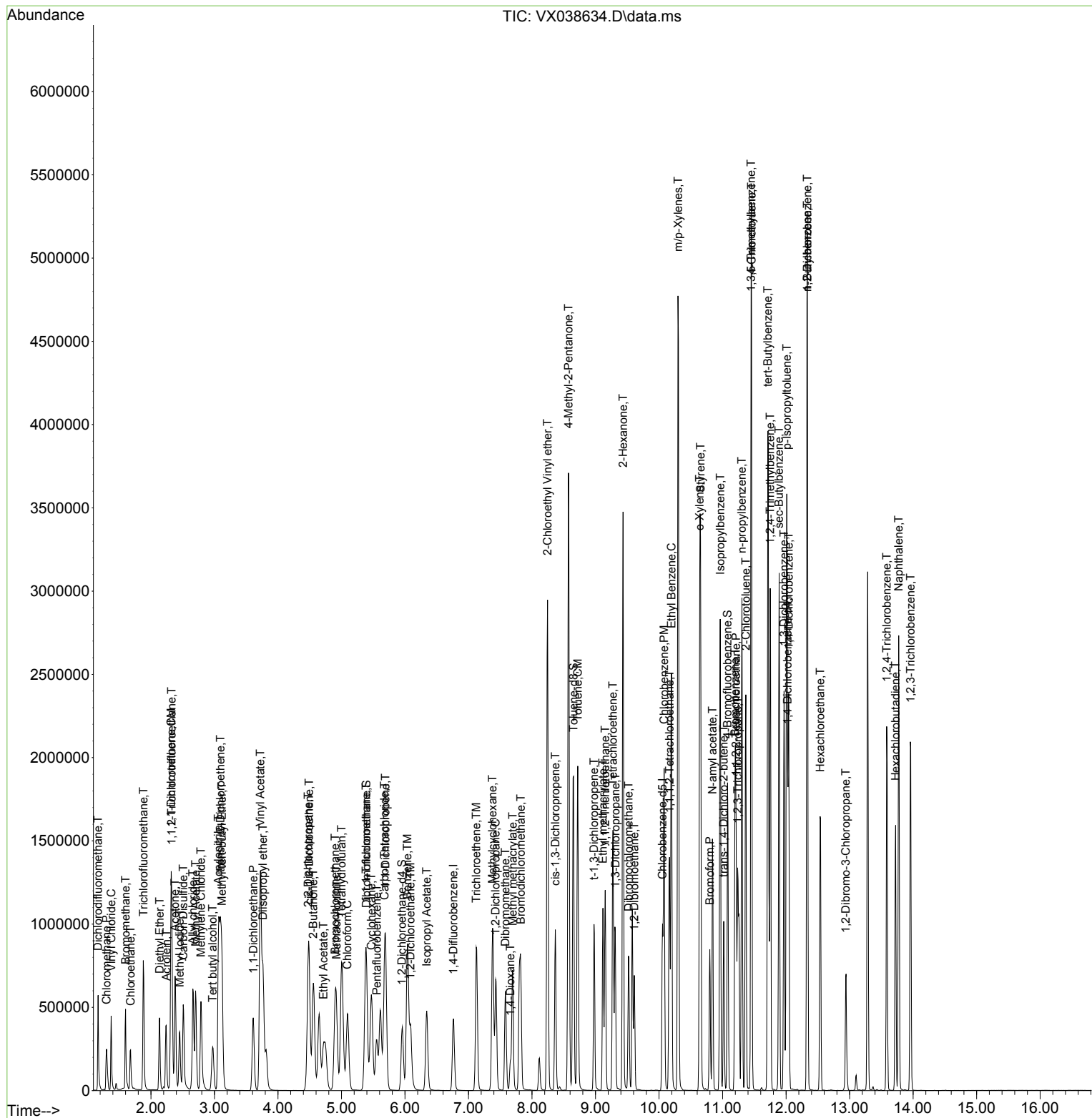
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

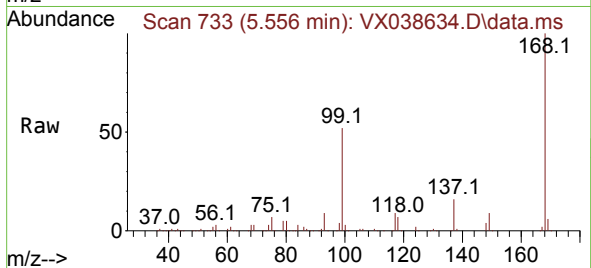
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 QLast Update : Wed Nov 08 01:38:47 2023  
 Response via : Initial Calibration



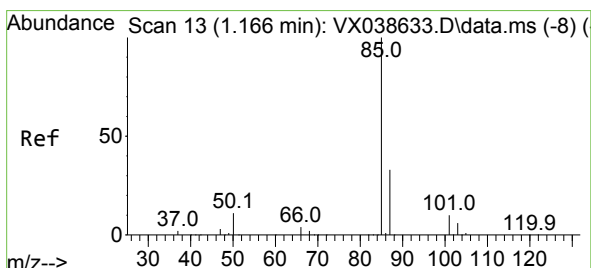
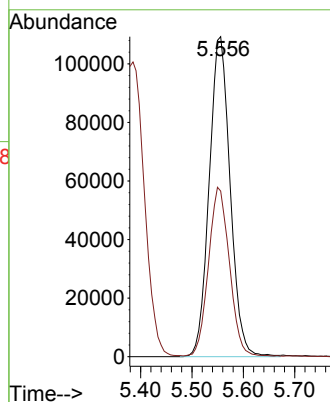
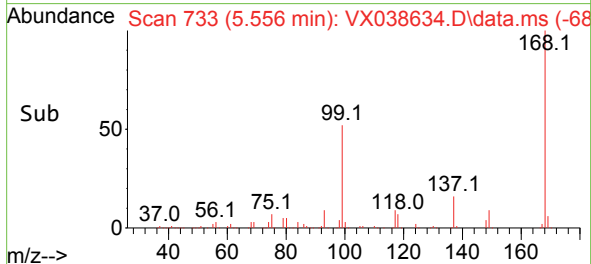


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

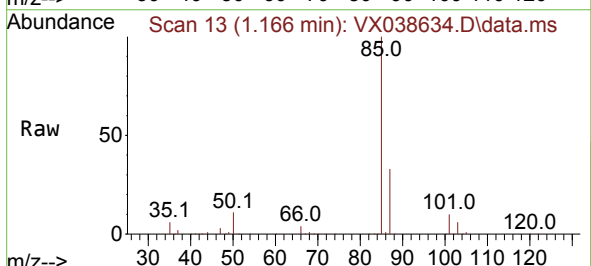
Instrument :  
MSVOA\_X  
ClientSampleId :



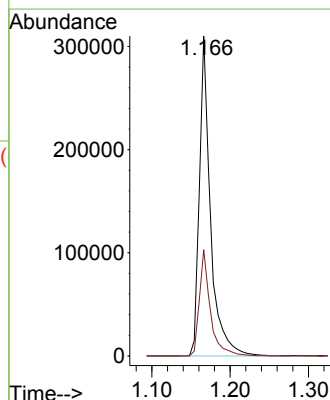
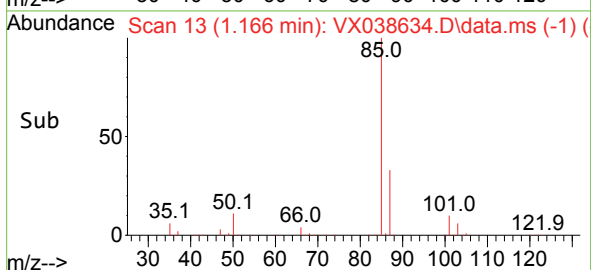
Tgt Ion:168 Resp: 309223  
Ion Ratio Lower Upper  
168 100  
99 51.5 56.6 85.0#

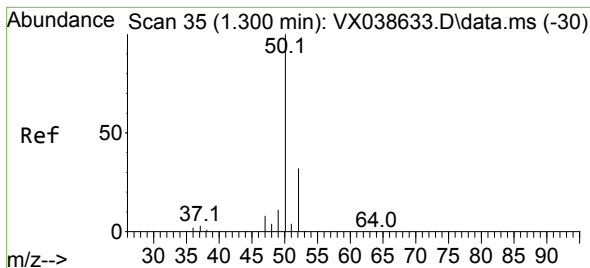


#2  
Dichlorodifluoromethane  
Concen: 95.488 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08



Tgt Ion: 85 Resp: 306635  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.7 50.1





#3

Chloromethane

Concen: 89.200 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

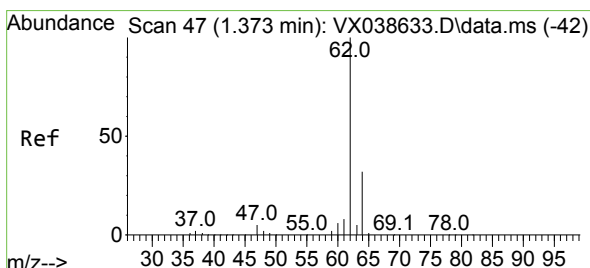
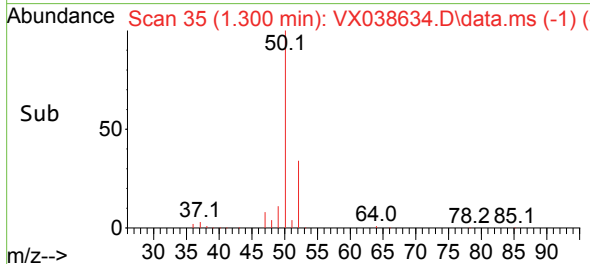
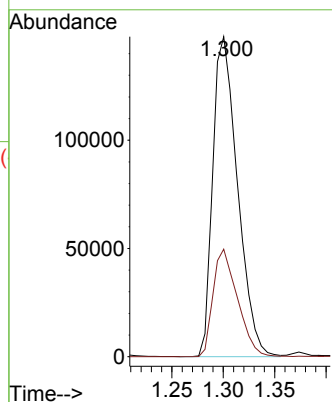
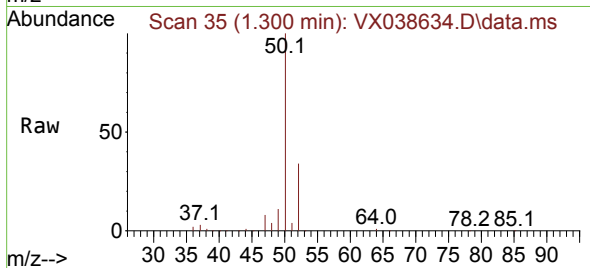
ClientSampleId :

Tgt Ion: 50 Resp: 247581

Ion Ratio Lower Upper

50 100

52 33.6 25.5 38.3



#4

Vinyl Chloride

Concen: 92.246 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038634.D

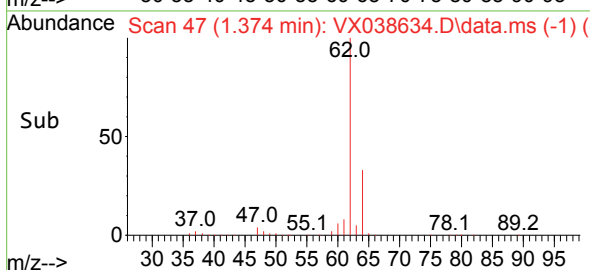
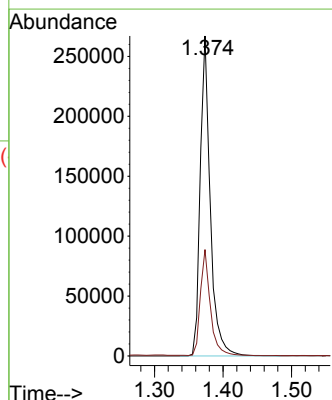
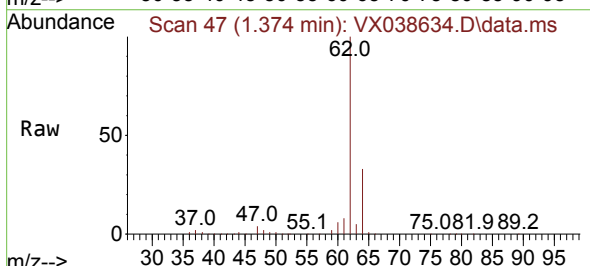
Acq: 07 Nov 2023 15:08

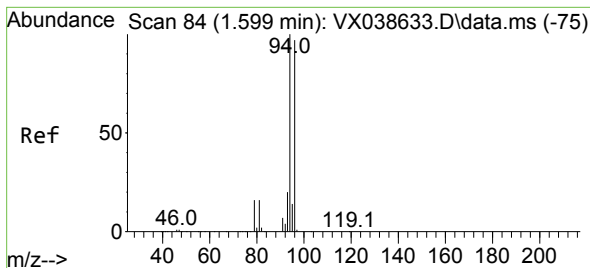
Tgt Ion: 62 Resp: 272567

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0





#5

Bromomethane

Concen: 80.103 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

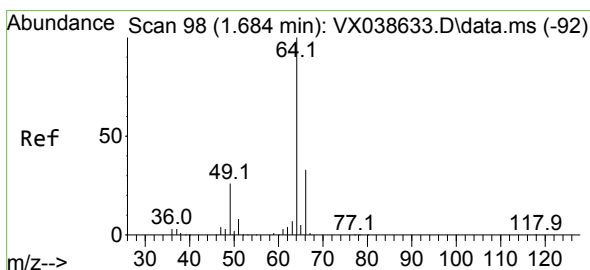
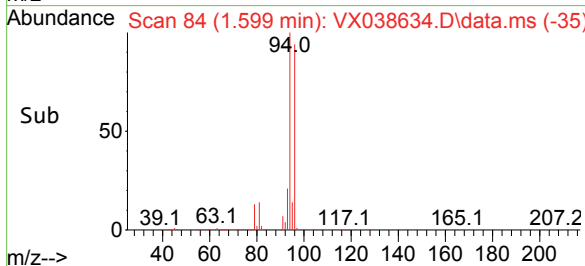
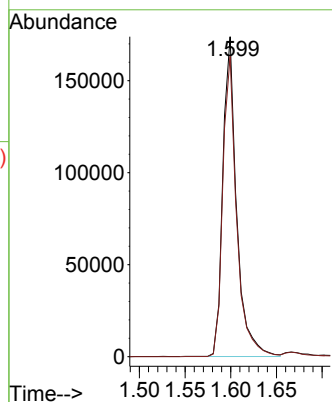
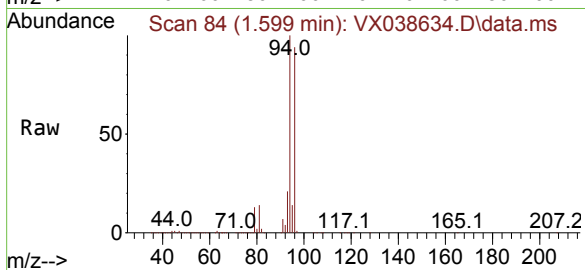
ClientSampleId :

Tgt Ion: 94 Resp: 182686

Ion Ratio Lower Upper

94 100

96 93.9 74.6 111.8



#6

Chloroethane

Concen: 92.238 ug/l

RT: 1.678 min Scan# 97

Delta R.T. -0.006 min

Lab File: VX038634.D

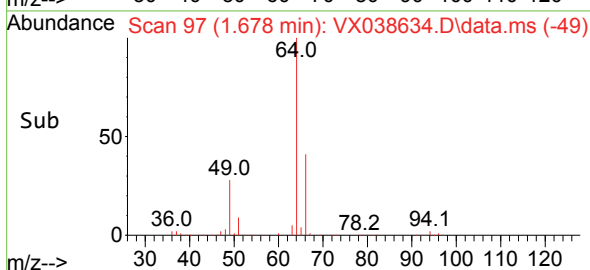
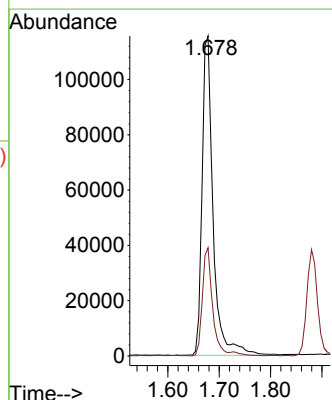
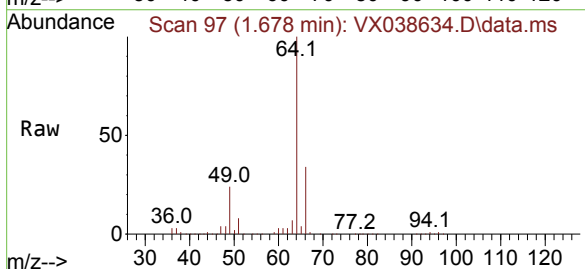
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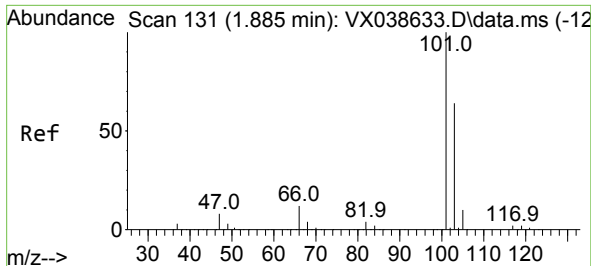
Tgt Ion: 64 Resp: 172568

Ion Ratio Lower Upper

64 100

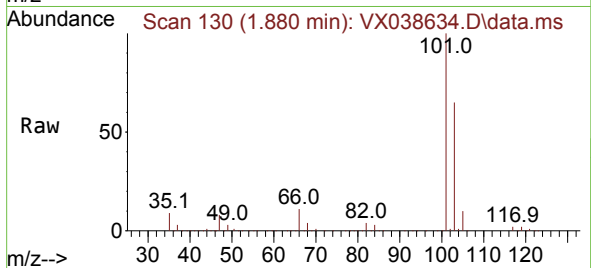
66 33.8 25.1 37.7



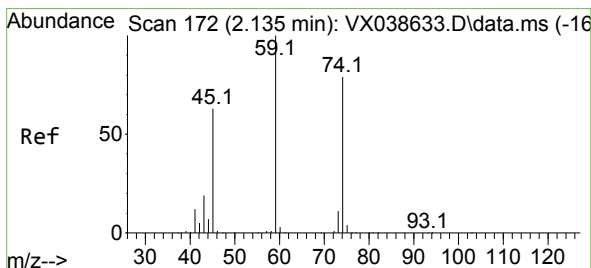
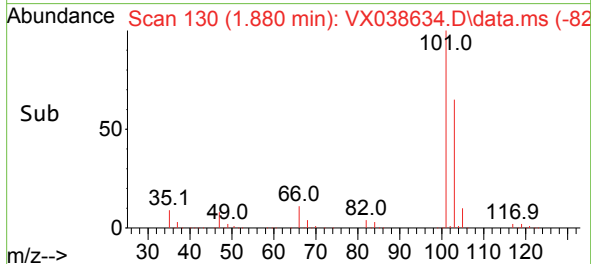
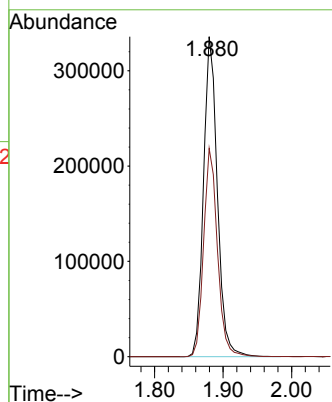


#7  
 Trichlorofluoromethane  
 Concen: 92.744 ug/l  
 RT: 1.880 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX038634.D  
 Acq: 07 Nov 2023 15:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :

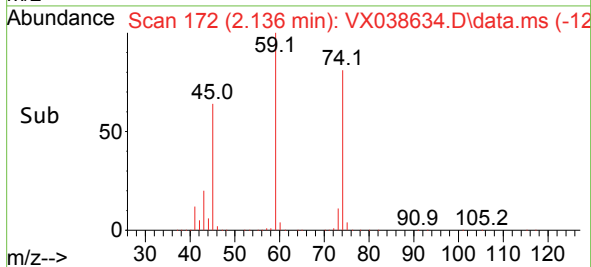
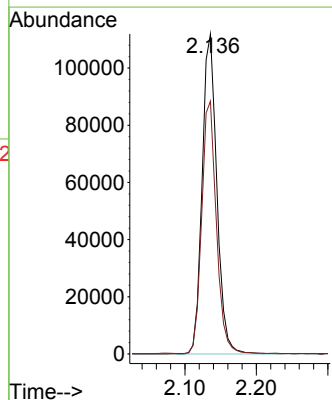
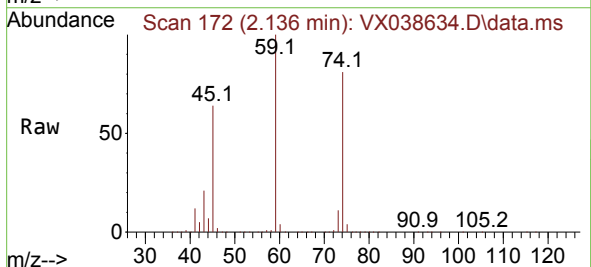


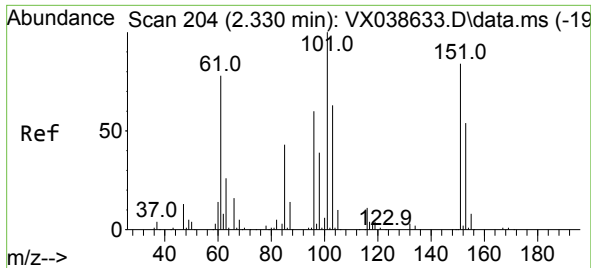
Tgt Ion:101 Resp: 472449  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 91.215 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX038634.D  
 Acq: 07 Nov 2023 15:08

Tgt Ion: 74 Resp: 159509  
 Ion Ratio Lower Upper  
 74 100  
 45 78.7 53.3 159.8

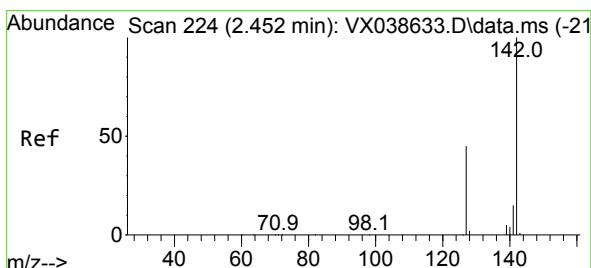
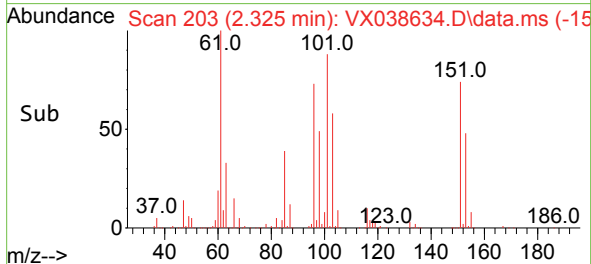
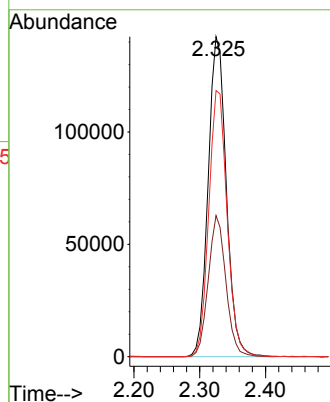
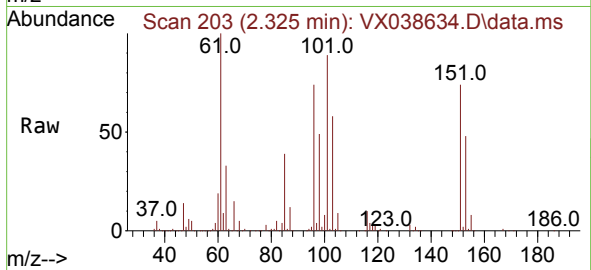




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 90.790 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

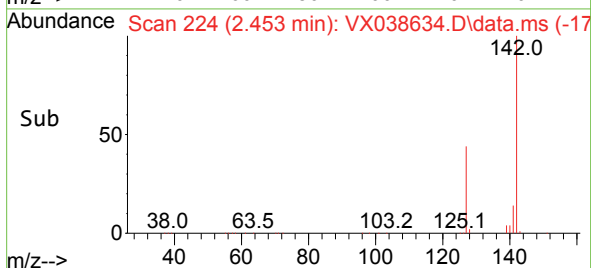
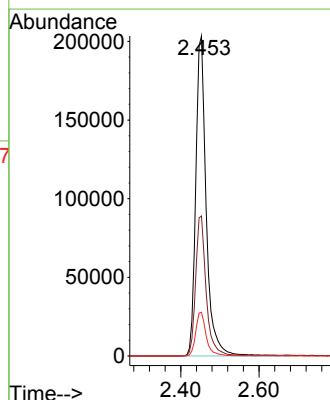
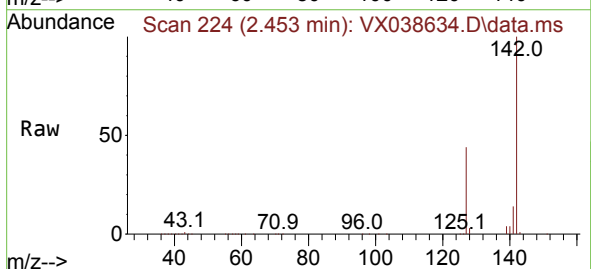
Instrument :  
MSVOA\_X  
ClientSampleId :

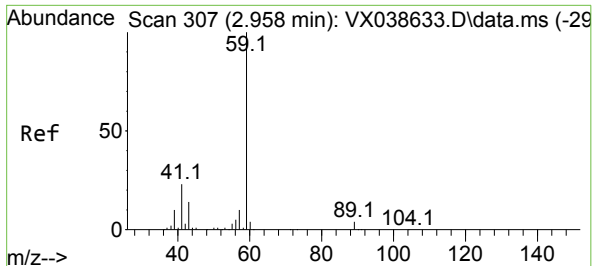
Tgt Ion:101 Resp: 273463  
Ion Ratio Lower Upper  
101 100  
85 42.9 37.0 55.6  
151 84.2 58.6 87.8



#10  
Methyl Iodide  
Concen: 102.114 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion:142 Resp: 379854  
Ion Ratio Lower Upper  
142 100  
127 44.1 41.6 62.4  
141 13.8 11.6 17.4

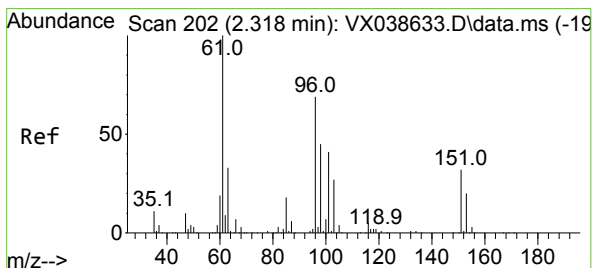
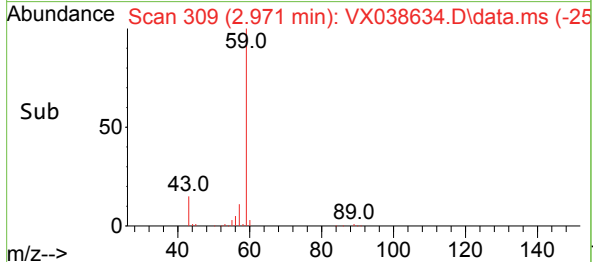
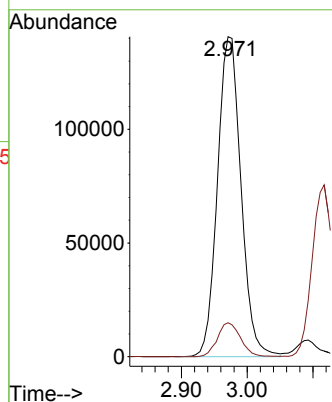
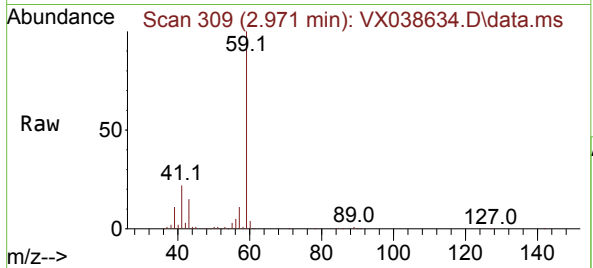




#11  
Tert butyl alcohol  
Concen: 445.414 ug/l  
RT: 2.971 min Scan# 307  
Delta R.T. 0.012 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

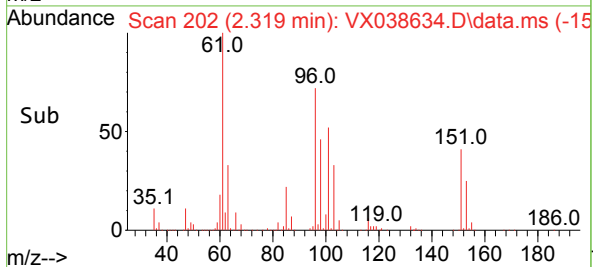
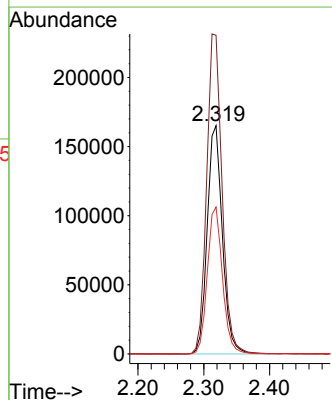
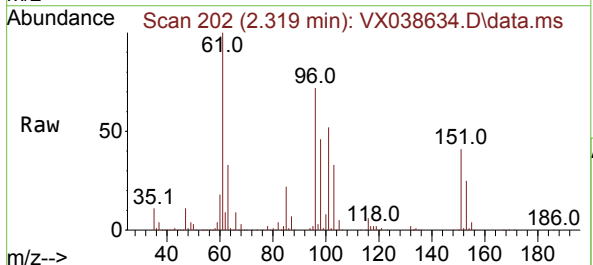
Instrument :  
MSVOA\_X  
ClientSampleId :

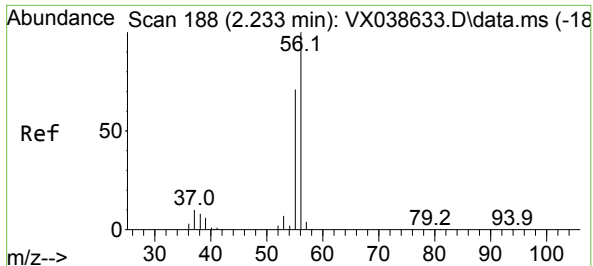
Tgt Ion: 59 Resp: 350534  
Ion Ratio Lower Upper  
59 100  
57 10.5 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 91.903 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 96 Resp: 265215  
Ion Ratio Lower Upper  
96 100  
61 139.6 144.6 216.8#  
98 64.3 50.4 75.6

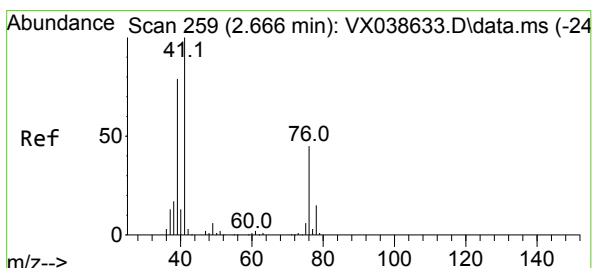
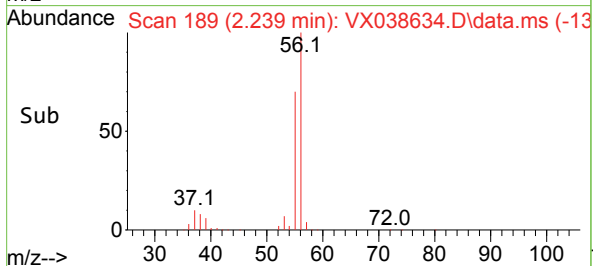
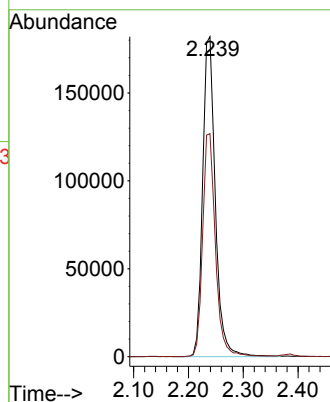
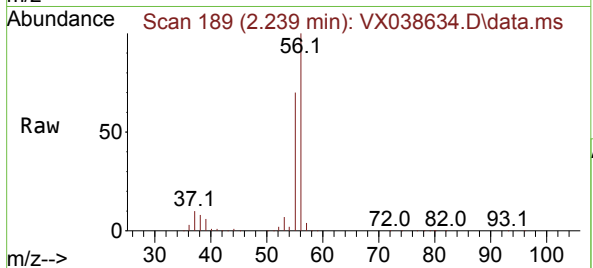




#13  
Acrolein  
Concen: 489.251 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

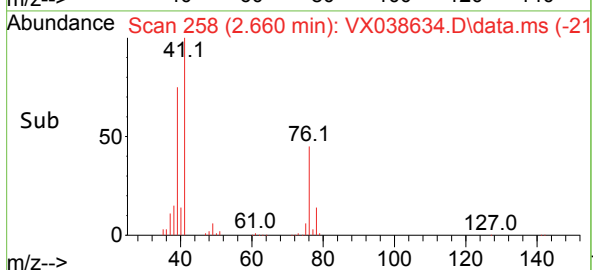
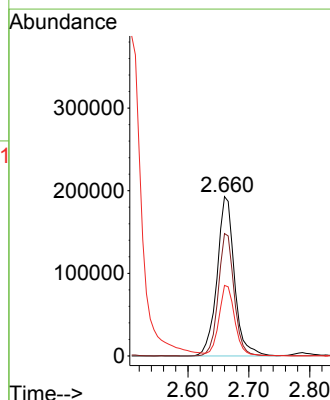
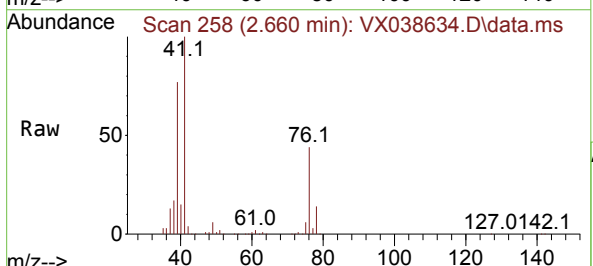
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 56 Resp: 291825  
Ion Ratio Lower Upper  
56 100  
55 70.3 57.1 85.7



#14  
Allyl chloride  
Concen: 92.732 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 41 Resp: 383300  
Ion Ratio Lower Upper  
41 100  
39 69.3 55.8 83.6  
76 40.1 24.3 36.5

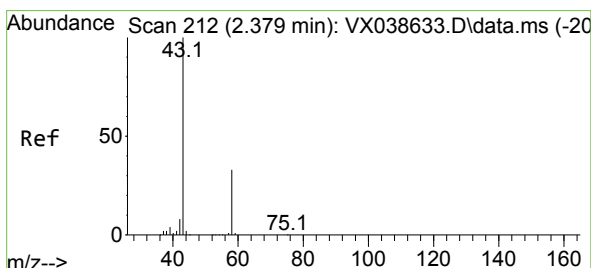
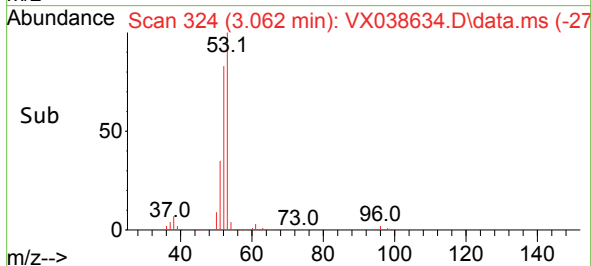
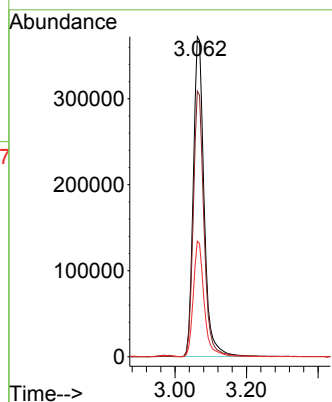
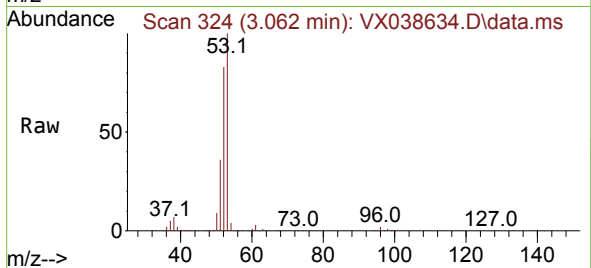




#15  
Acrylonitrile  
Concen: 469.016 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

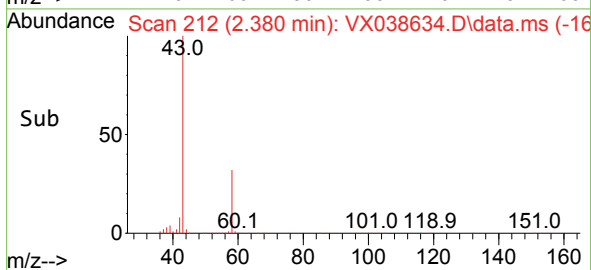
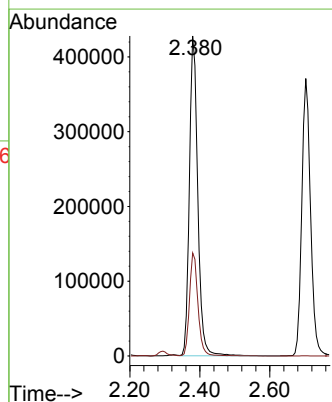
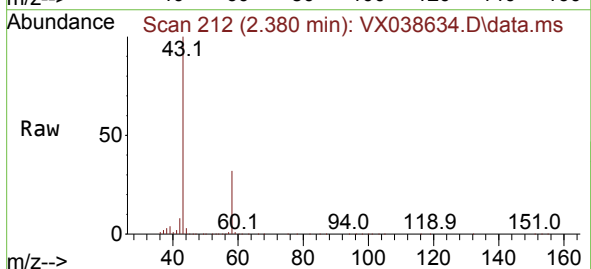
Instrument :  
MSVOA\_X  
ClientSampleId :

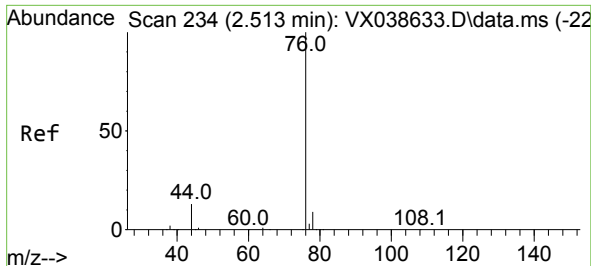
Tgt Ion: 53 Resp: 778970  
Ion Ratio Lower Upper  
53 100  
52 82.6 66.0 99.0  
51 36.3 29.8 44.6



#16  
Acetone  
Concen: 438.234 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 43 Resp: 710512  
Ion Ratio Lower Upper  
43 100  
58 32.2 21.9 32.9





#17

Carbon Disulfide

Concen: 92.520 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

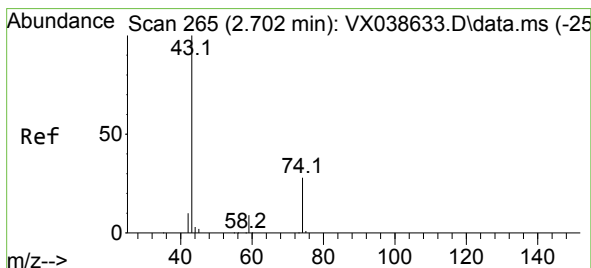
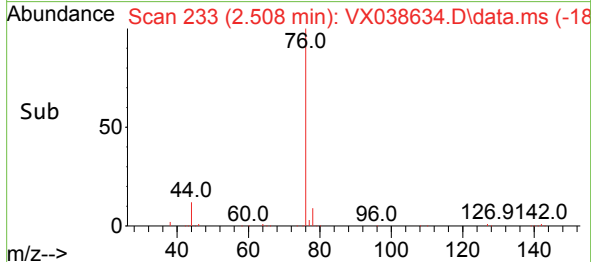
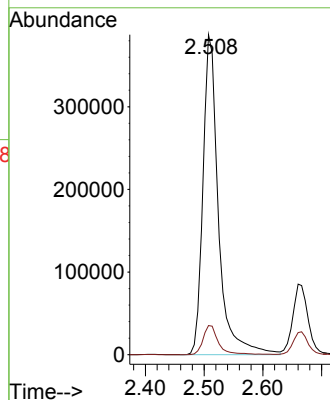
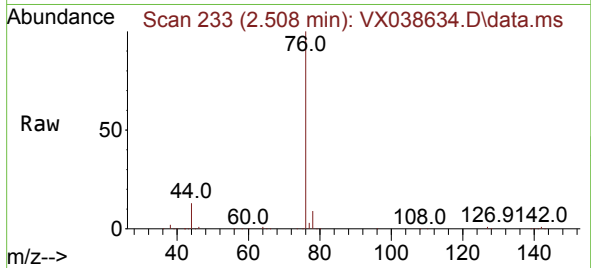
ClientSampleId :

Tgt Ion: 76 Resp: 709442

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 92.878 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX038634.D

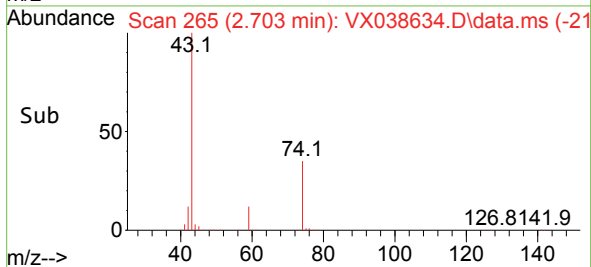
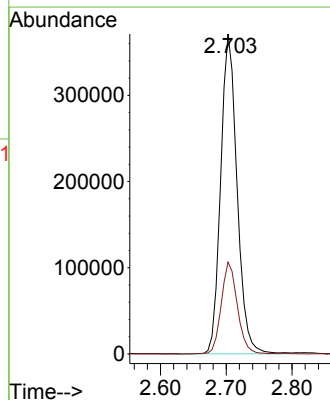
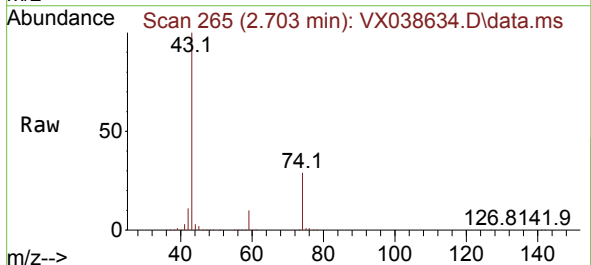
Acq: 07 Nov 2023 15:08

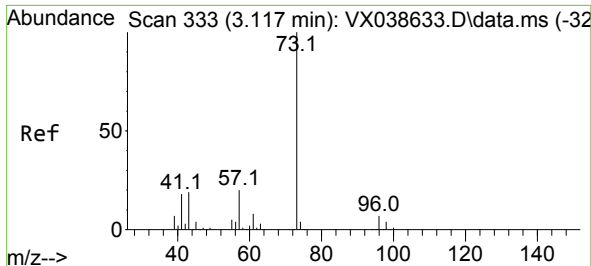
Tgt Ion: 43 Resp: 641548

Ion Ratio Lower Upper

43 100

74 28.5 17.8 26.8#

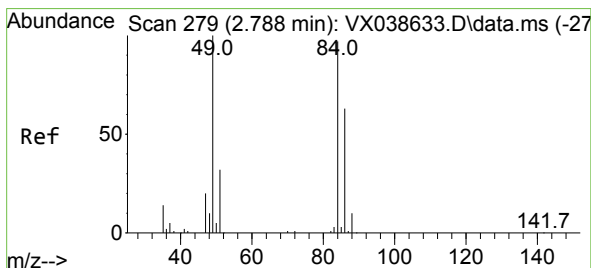
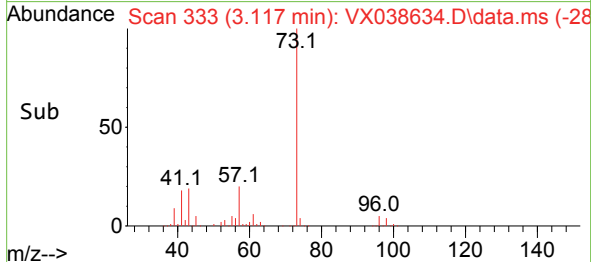
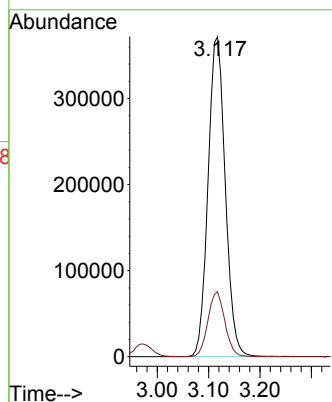
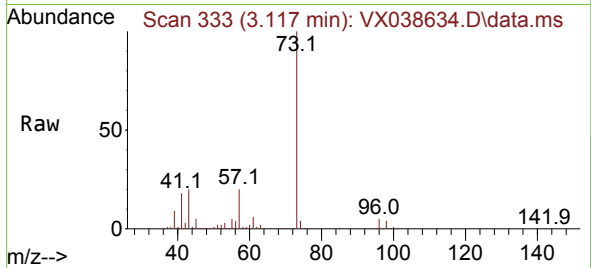




#19  
Methyl tert-butyl Ether  
Concen: 93.561 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

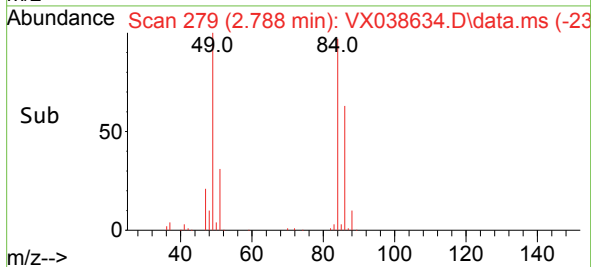
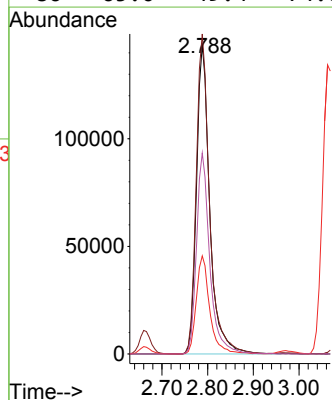
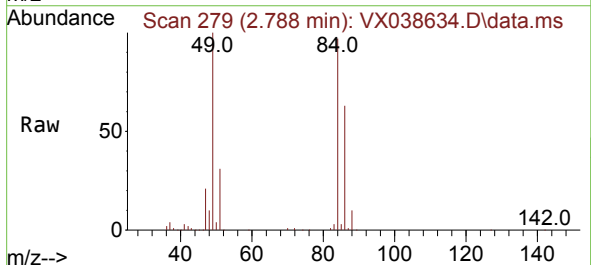
Instrument :  
MSVOA\_X  
ClientSampleId :

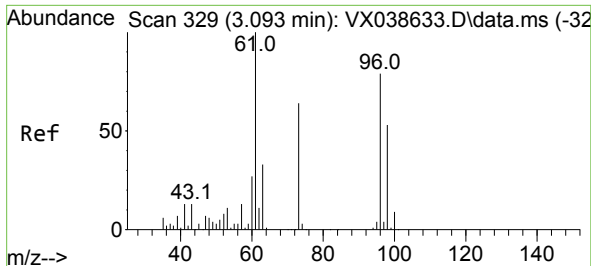
Tgt Ion: 73 Resp: 863416  
Ion Ratio Lower Upper  
73 100  
57 20.3 17.3 25.9



#20  
Methylene Chloride  
Concen: 89.034 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 84 Resp: 290994  
Ion Ratio Lower Upper  
84 100  
49 103.5 103.6 155.4#  
51 31.7 33.8 50.6#  
86 65.0 49.4 74.0

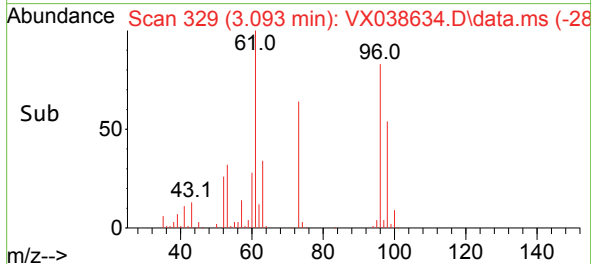
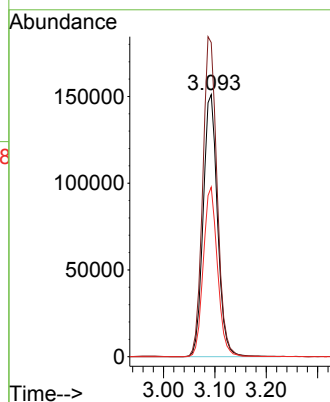
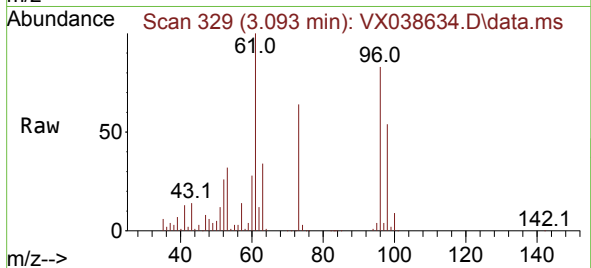




#21  
trans-1,2-Dichloroethene  
Concen: 92.853 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

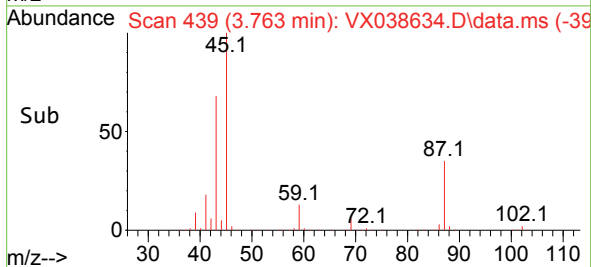
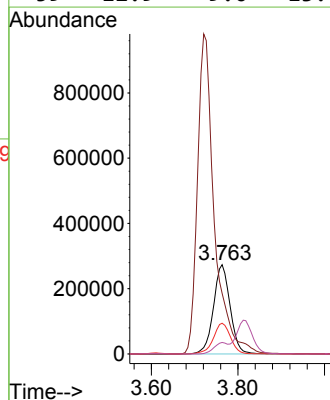
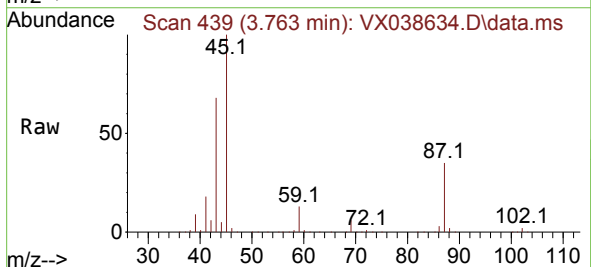
Instrument :  
MSVOA\_X  
ClientSampleId :

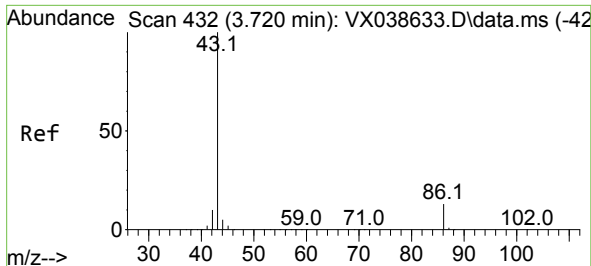
Tgt Ion: 96 Resp: 291720  
Ion Ratio Lower Upper  
96 100  
61 119.8 119.2 178.8  
98 64.7 48.7 73.1



#22  
Diisopropyl ether  
Concen: 93.689 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 45 Resp: 729871  
Ion Ratio Lower Upper  
45 100  
43 67.9 69.7 104.5#  
87 34.5 20.8 31.2#  
59 12.9 9.0 13.4

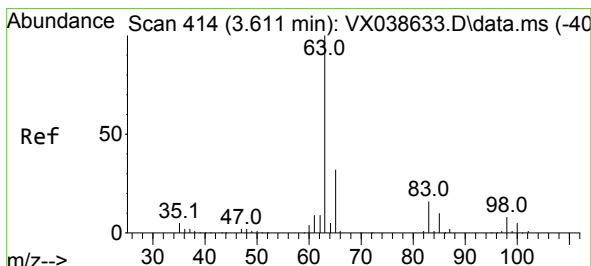
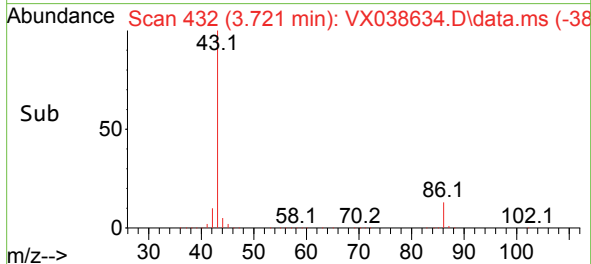
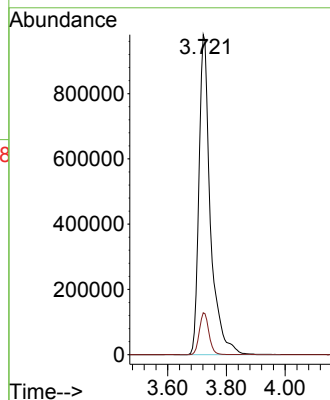
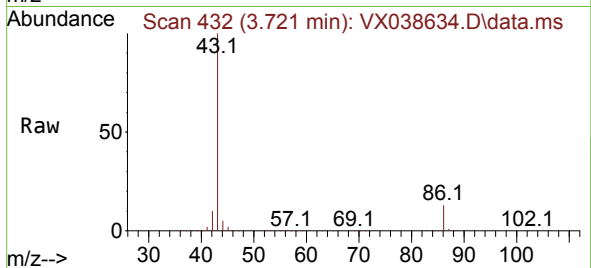




#23  
 Vinyl Acetate  
 Concen: 480.139 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX038634.D  
 Acq: 07 Nov 2023 15:08

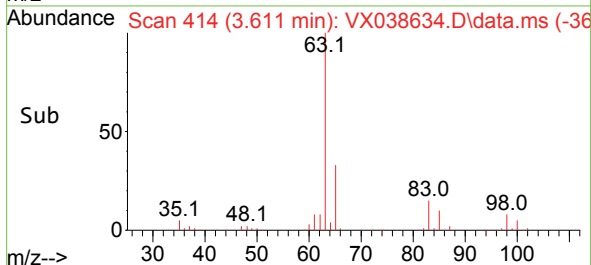
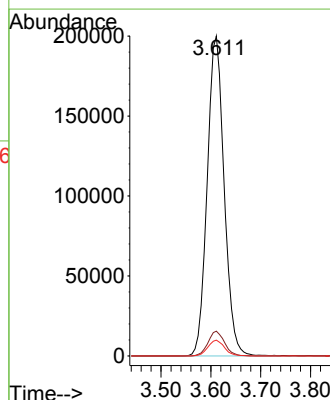
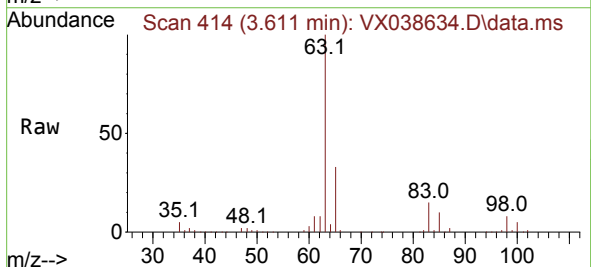
Instrument :  
 MSVOA\_X  
 ClientSampleId :

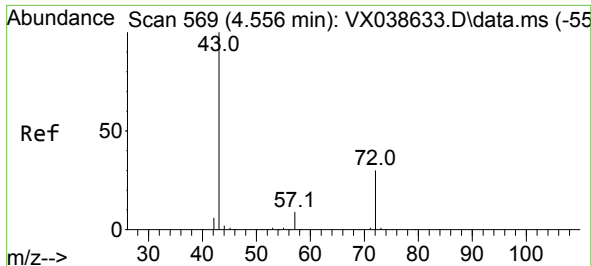
Tgt Ion: 43 Resp: 2654896  
 Ion Ratio Lower Upper  
 43 100  
 86 13.1 7.8 11.8#



#24  
 1,1-Dichloroethane  
 Concen: 91.564 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX038634.D  
 Acq: 07 Nov 2023 15:08

Tgt Ion: 63 Resp: 471928  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.3 9.8  
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 463.010 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

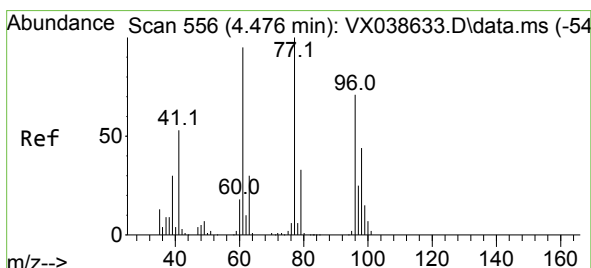
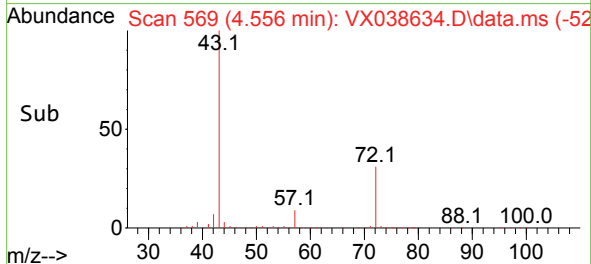
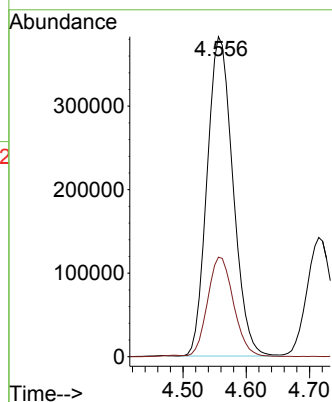
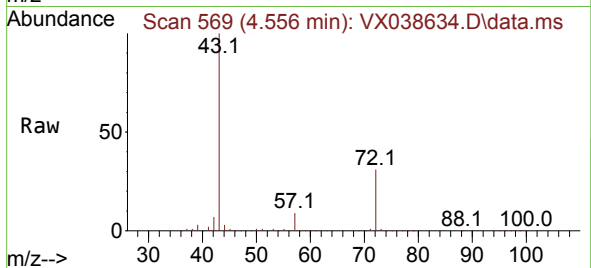
ClientSampleId :

Tgt Ion: 43 Resp: 1087457

Ion Ratio Lower Upper

43 100

72 31.1 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 92.836 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038634.D

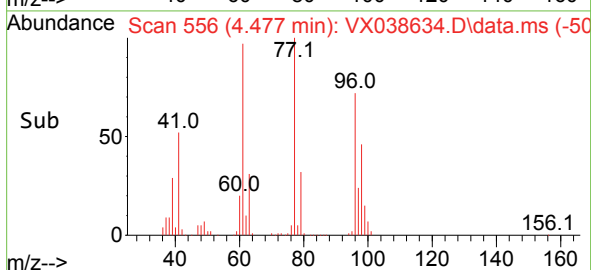
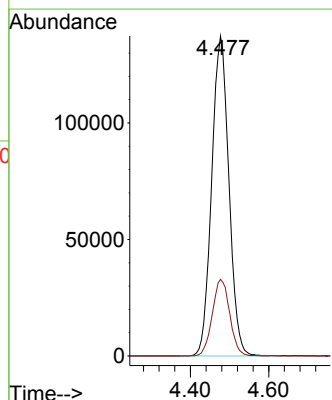
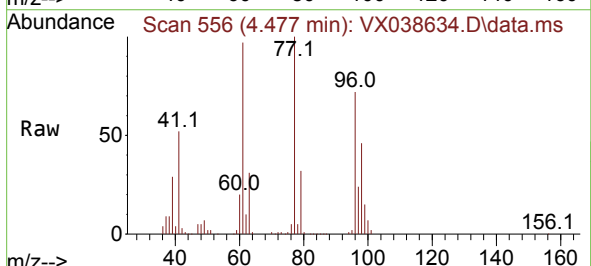
Acq: 07 Nov 2023 15:08

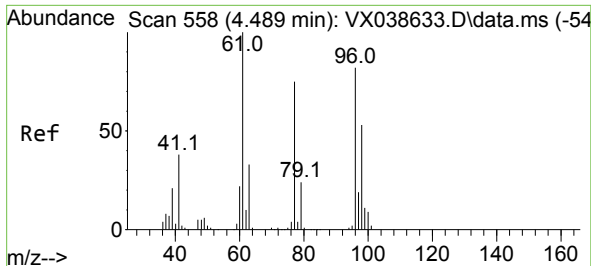
Tgt Ion: 77 Resp: 417777

Ion Ratio Lower Upper

77 100

97 24.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 92.886 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

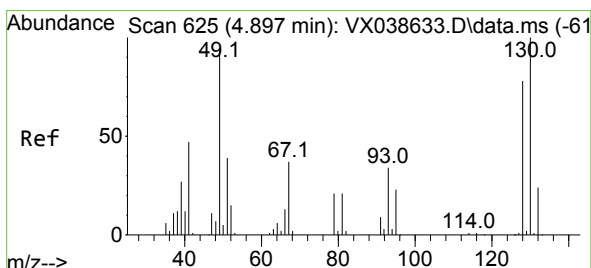
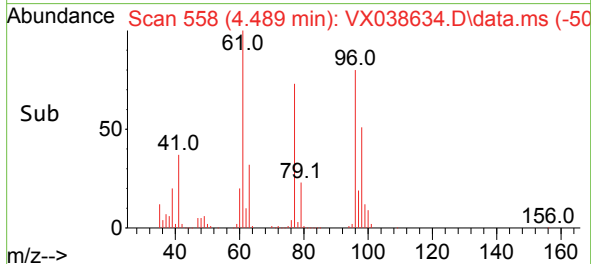
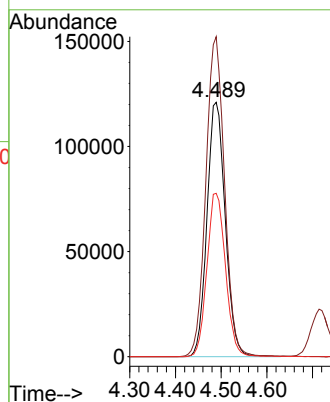
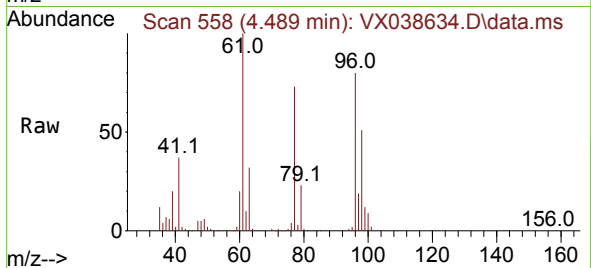
Tgt Ion: 96 Resp: 336988

Ion Ratio Lower Upper

96 100

61 128.6 0.0 312.2

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 102.694 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

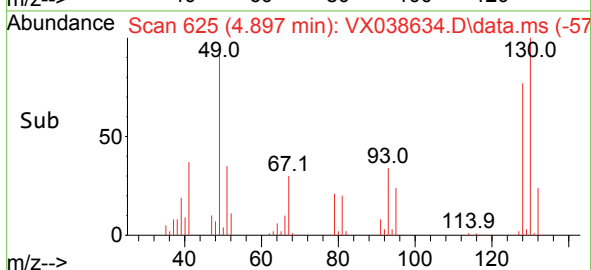
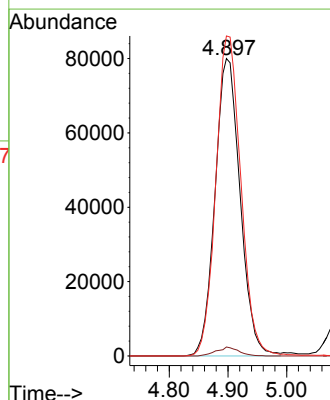
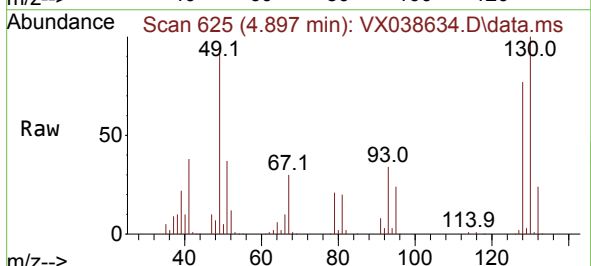
Tgt Ion: 49 Resp: 237866

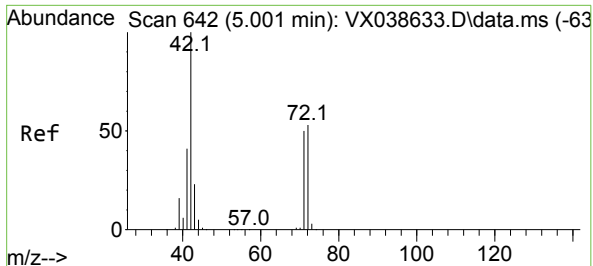
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.8

130 107.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 469.024 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

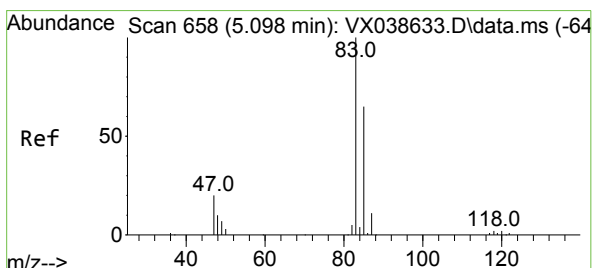
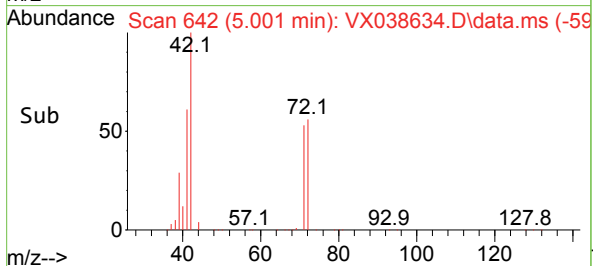
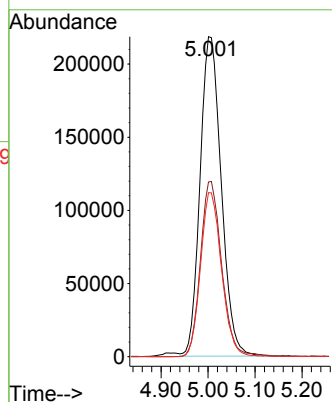
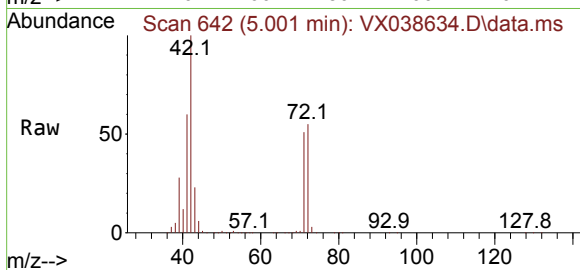
Tgt Ion: 42 Resp: 685374

Ion Ratio Lower Upper

42 100

72 55.0 34.2 51.4#

71 50.9 32.2 48.2#



#30

Chloroform

Concen: 89.630 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX038634.D

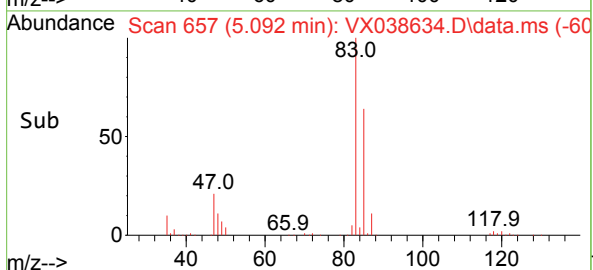
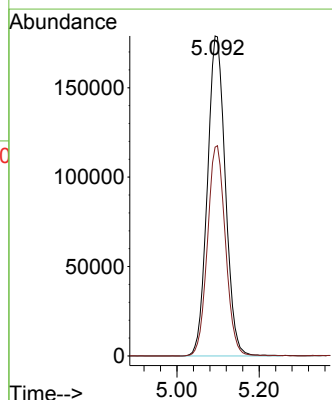
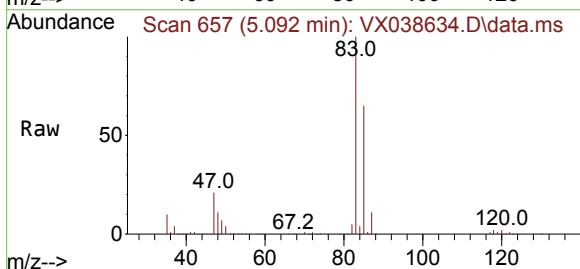
Acq: 07 Nov 2023 15:08

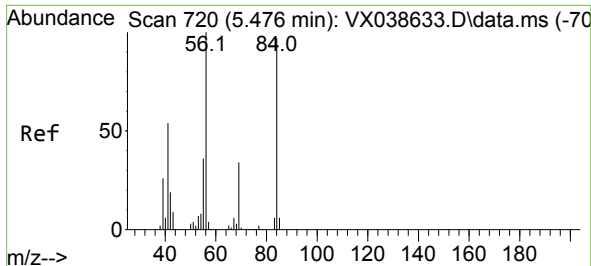
Tgt Ion: 83 Resp: 542023

Ion Ratio Lower Upper

83 100

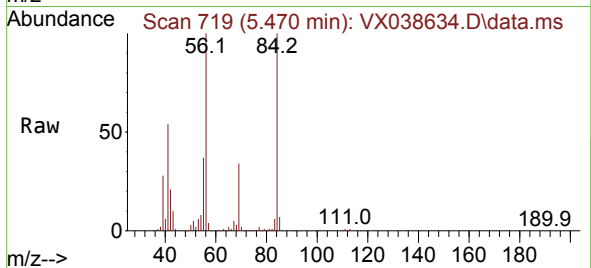
85 65.3 50.3 75.5



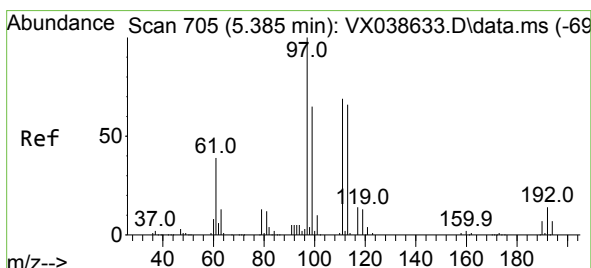
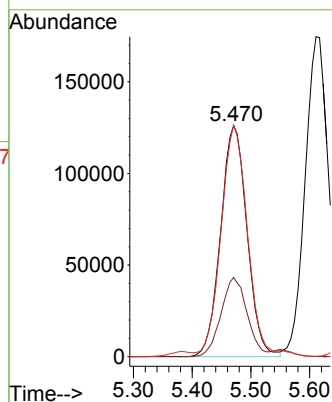
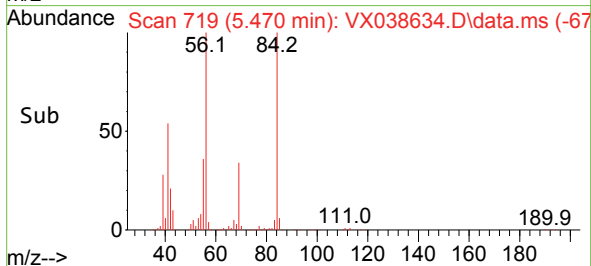


#31  
Cyclohexane  
Concen: 92.244 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :

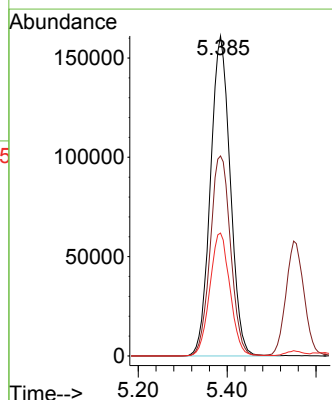
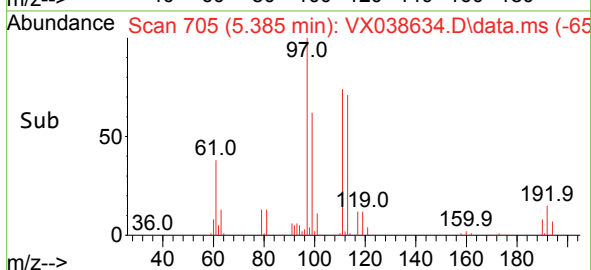
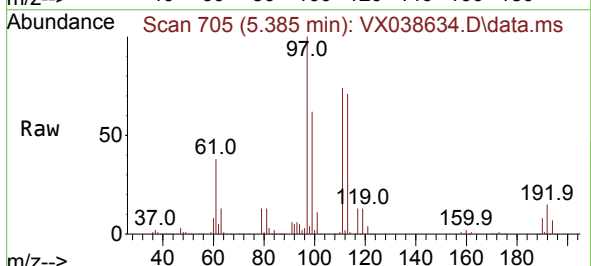


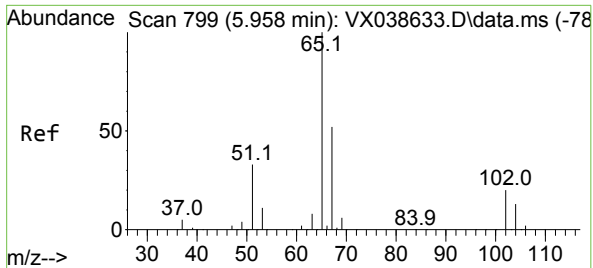
Tgt Ion: 56 Resp: 393022  
Ion Ratio Lower Upper  
56 100  
69 34.2 23.4 35.2  
84 97.8 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 93.502 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 97 Resp: 497610  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.1 76.7  
61 39.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 96.271 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

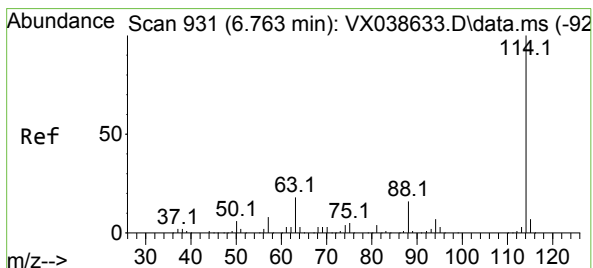
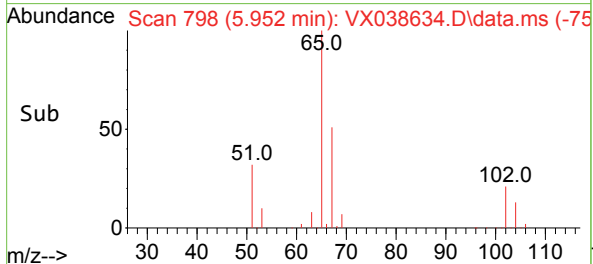
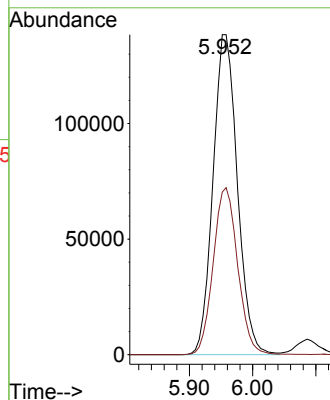
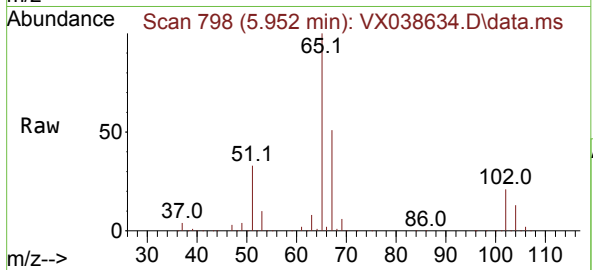
ClientSampleId :

Tgt Ion: 65 Resp: 370615

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

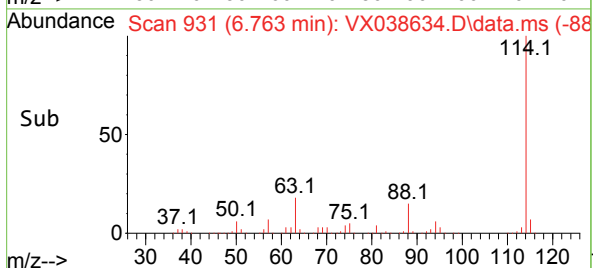
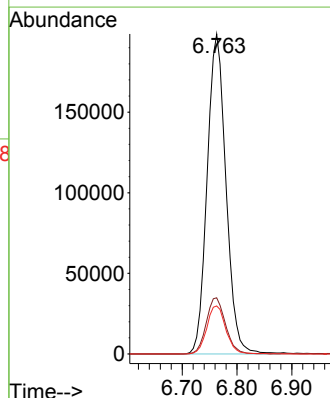
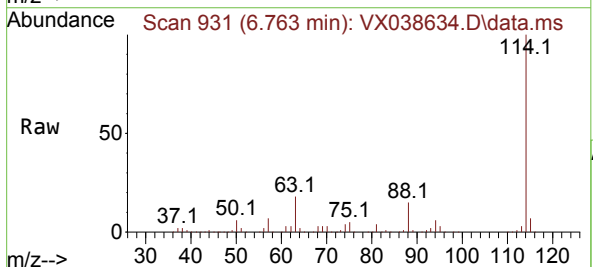
Tgt Ion: 114 Resp: 471992

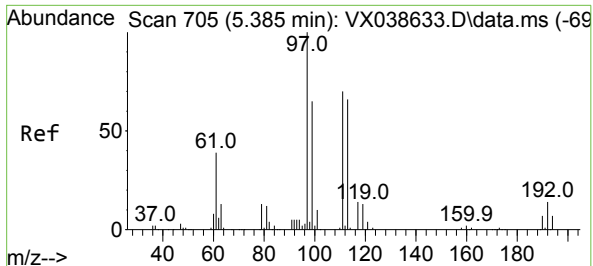
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

88 15.0 0.0 36.6

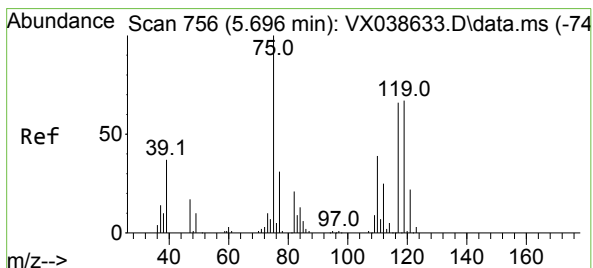
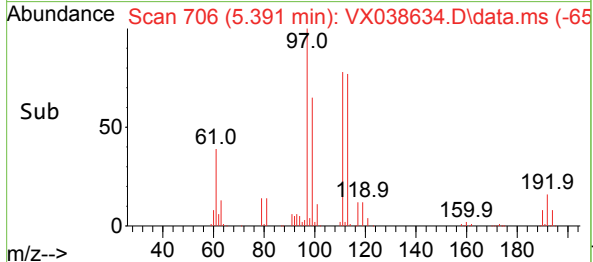
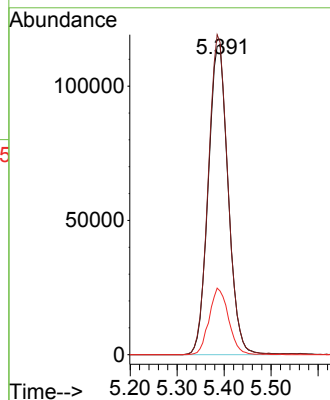
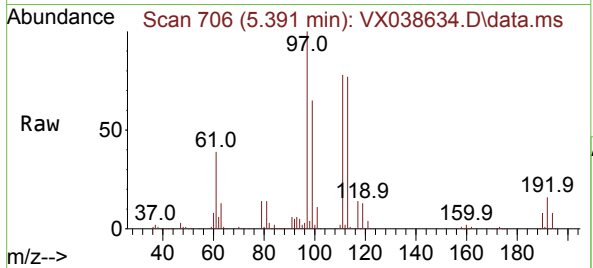




#35  
Dibromofluoromethane  
Concen: 99.729 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

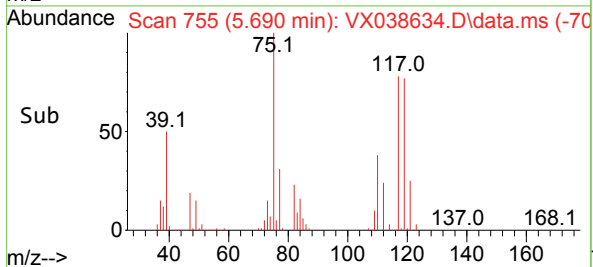
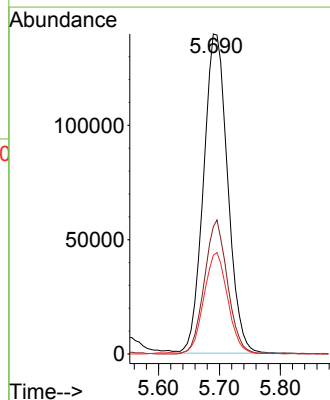
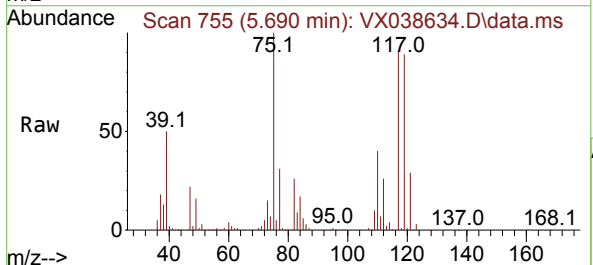
Instrument :  
MSVOA\_X  
ClientSampleId :

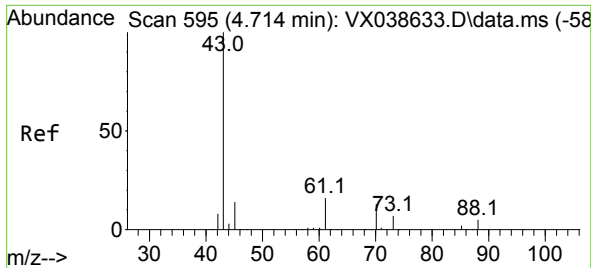
Tgt Ion:113 Resp: 339020  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.9 124.3  
192 21.0 13.3 19.9#



#36  
1,1-Dichloropropene  
Concen: 91.032 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 75 Resp: 384405  
Ion Ratio Lower Upper  
75 100  
110 40.4 17.0 50.9  
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 93.894 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

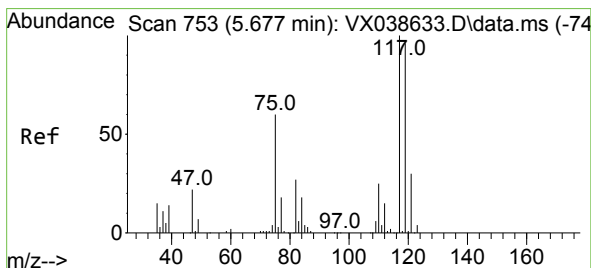
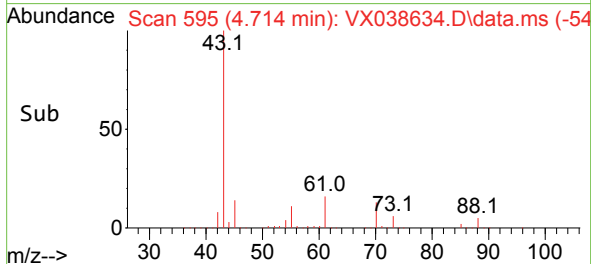
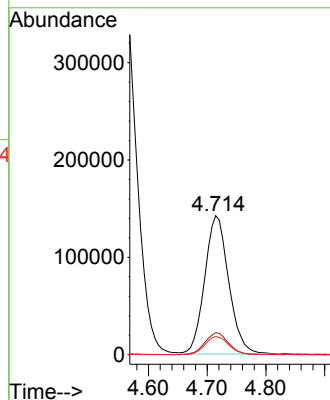
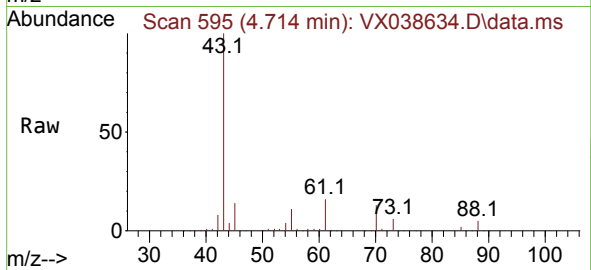
Tgt Ion: 43 Resp: 404811

Ion Ratio Lower Upper

43 100

61 15.5 10.6 16.0

70 13.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 95.435 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

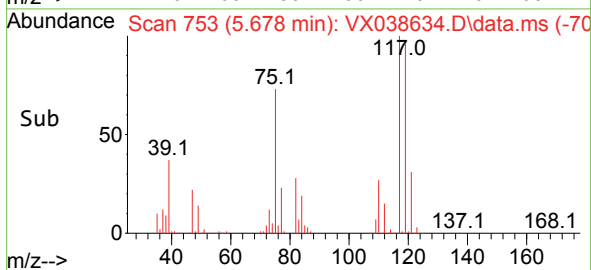
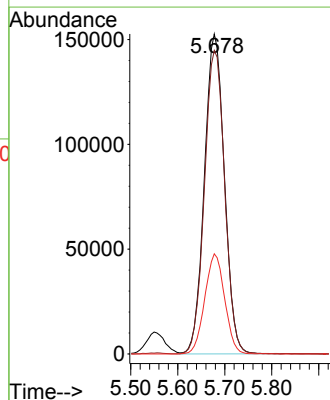
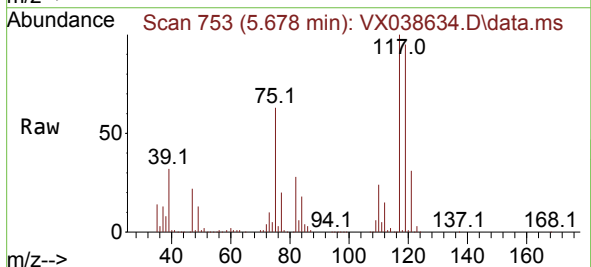
Tgt Ion:117 Resp: 450521

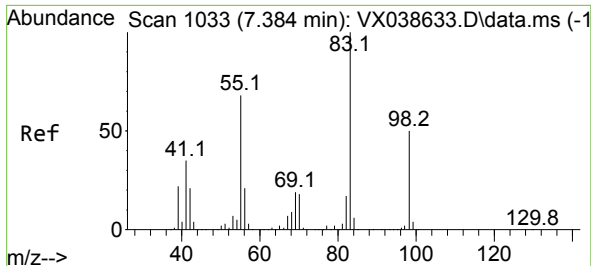
Ion Ratio Lower Upper

117 100

119 94.8 78.2 117.2

121 31.3 24.4 36.6





#39

Methylcyclohexane

Concen: 93.121 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

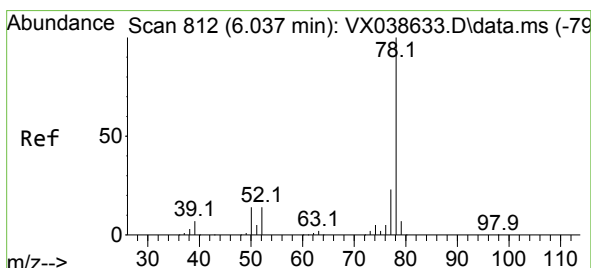
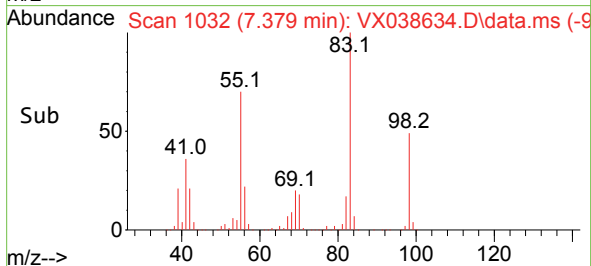
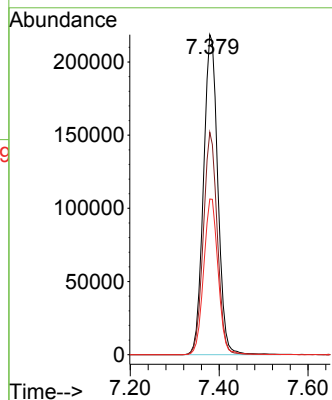
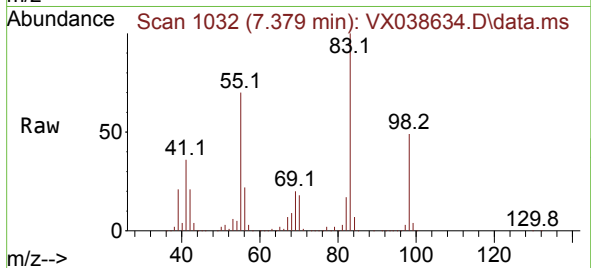
Tgt Ion: 83 Resp: 491639

Ion Ratio Lower Upper

83 100

55 69.5 64.6 97.0

98 48.6 36.7 55.1



#40

Benzene

Concen: 92.096 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038634.D

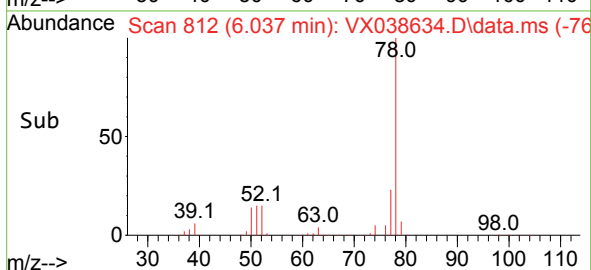
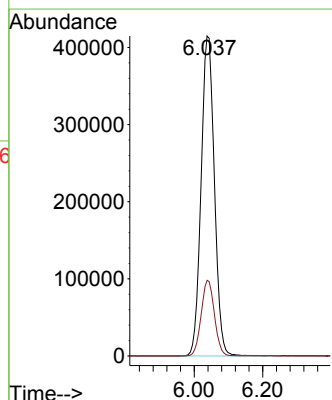
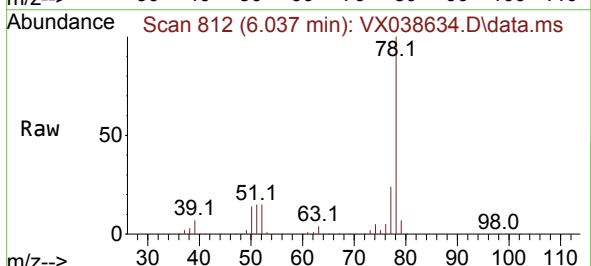
Acq: 07 Nov 2023 15:08

Tgt Ion: 78 Resp: 1120133

Ion Ratio Lower Upper

78 100

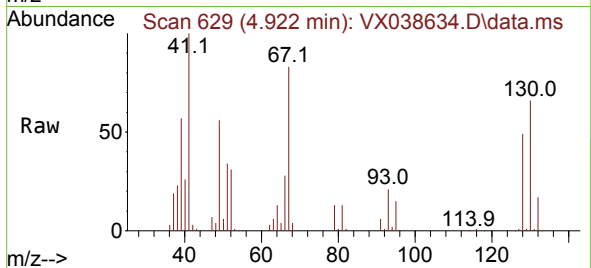
77 23.6 19.3 28.9



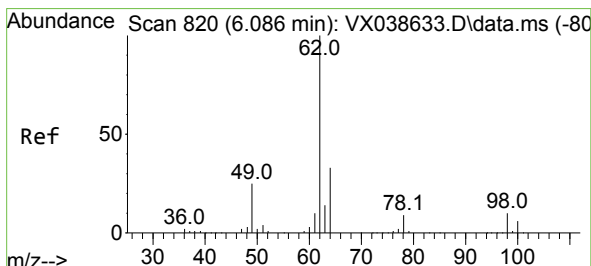
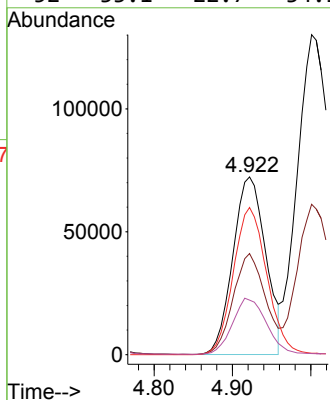
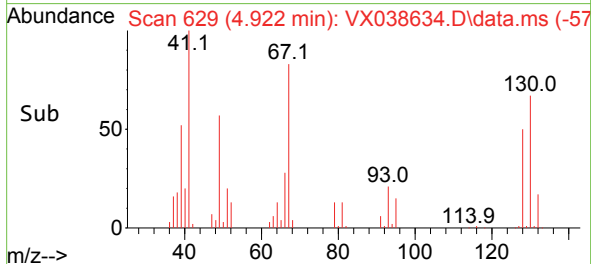


#41  
Methacrylonitrile  
Concen: 95.884 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :

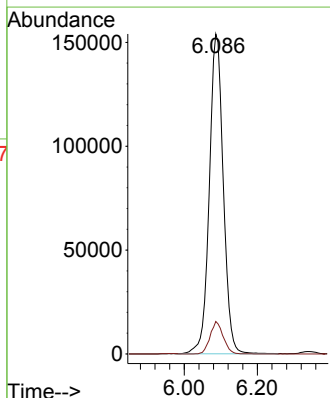
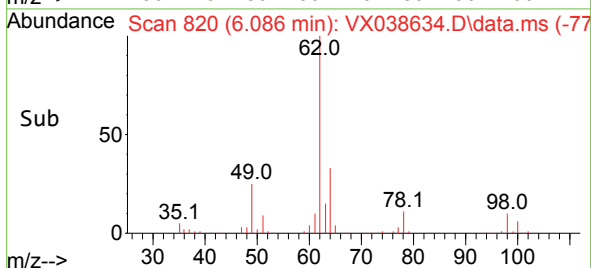
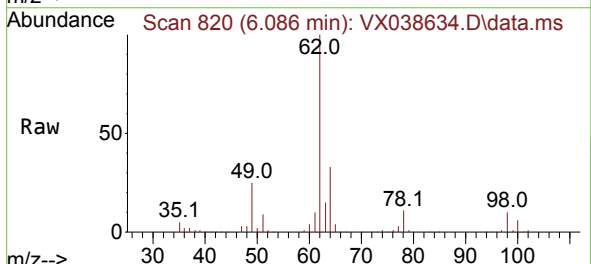


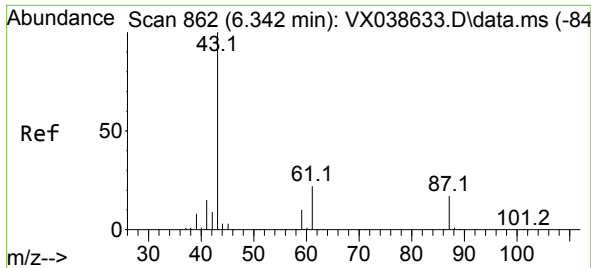
Tgt Ion: 41 Resp: 210606  
Ion Ratio Lower Upper  
41 100  
39 55.7 45.2 67.8  
67 85.4 52.6 78.8#  
52 33.1 22.7 34.1



#42  
1,2-Dichloroethane  
Concen: 92.929 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 62 Resp: 407826  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 95.585 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

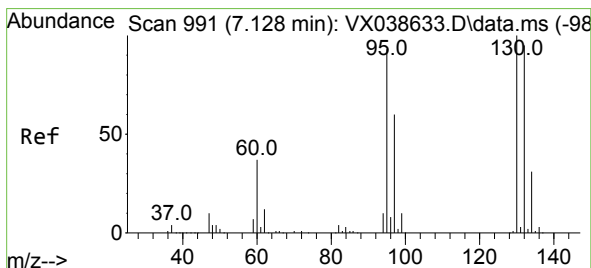
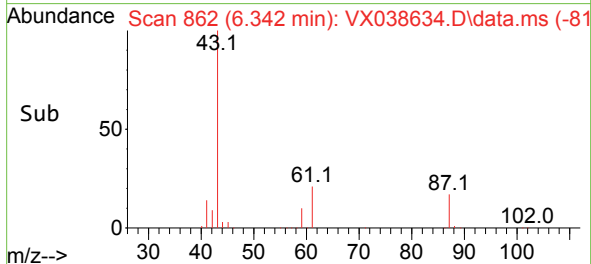
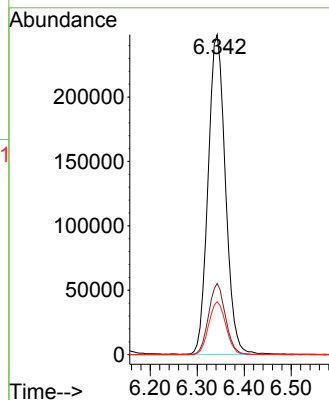
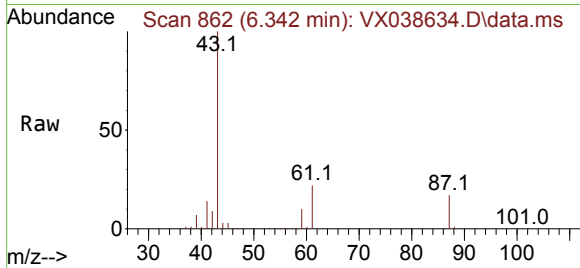
Tgt Ion: 43 Resp: 633558

Ion Ratio Lower Upper

43 100

61 21.7 15.2 22.8

87 16.5 9.8 14.6#



#44

Trichloroethene

Concen: 92.753 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX038634.D

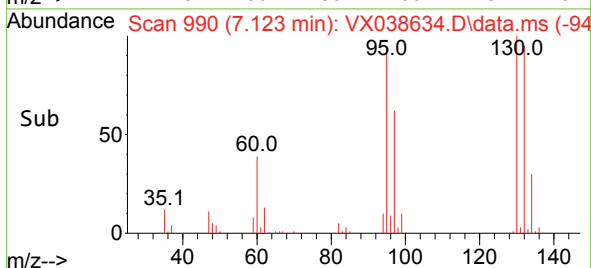
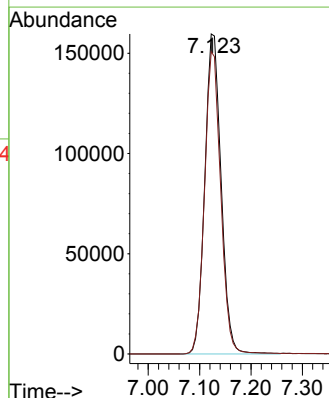
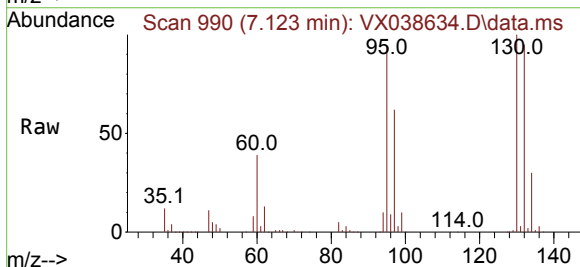
Acq: 07 Nov 2023 15:08

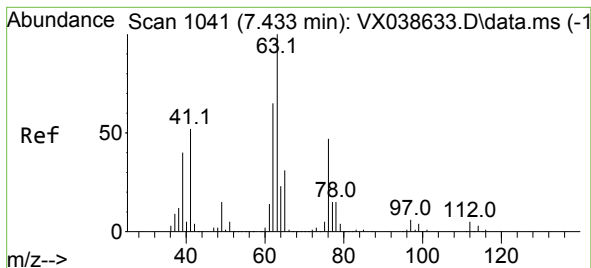
Tgt Ion:130 Resp: 351008

Ion Ratio Lower Upper

130 100

95 94.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 93.095 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

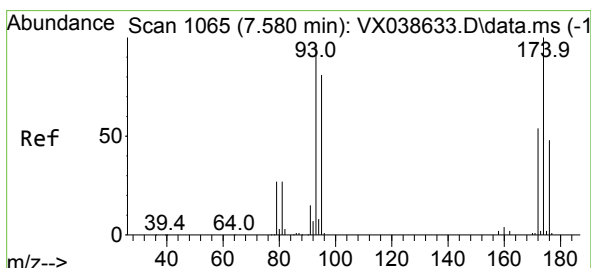
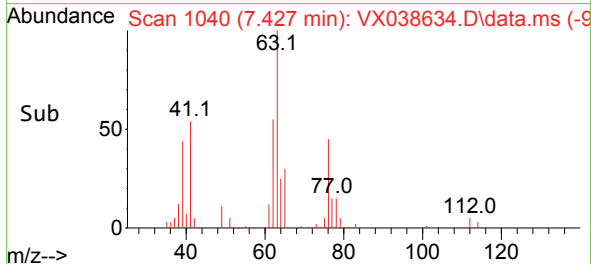
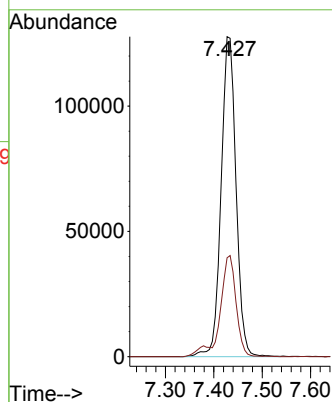
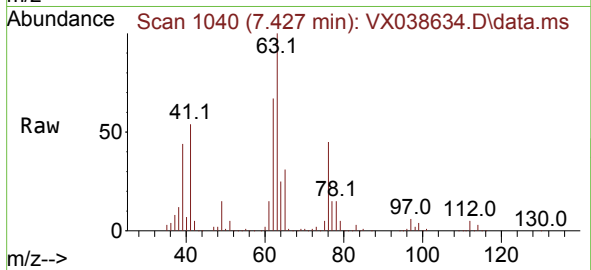
ClientSampleId :

Tgt Ion: 63 Resp: 273719

Ion Ratio Lower Upper

63 100

65 30.9 24.3 36.5



#46

Dibromomethane

Concen: 93.684 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

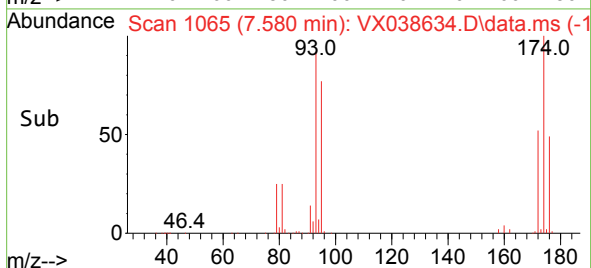
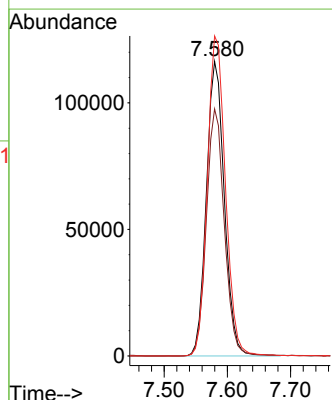
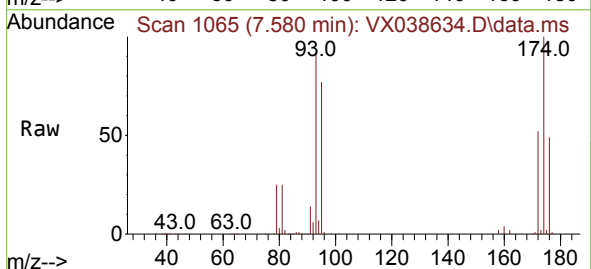
Tgt Ion: 93 Resp: 230355

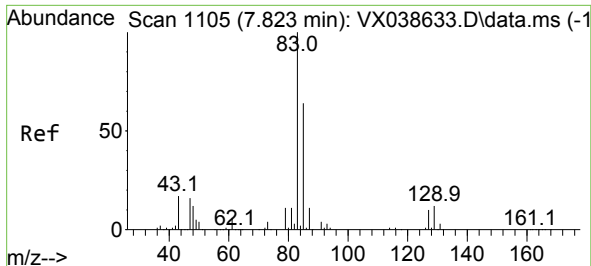
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 109.7 69.4 104.0

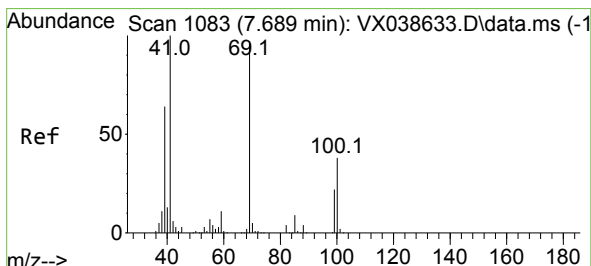
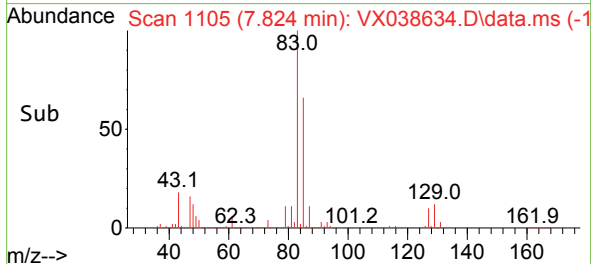
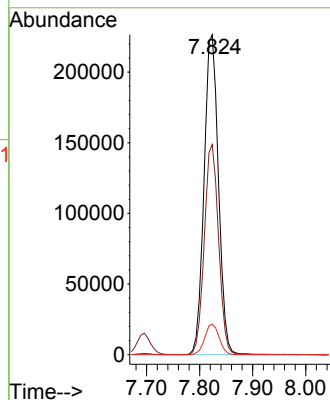
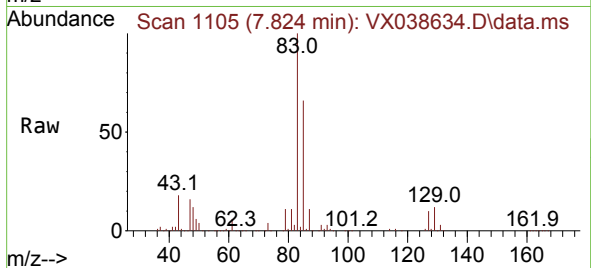




#47  
Bromodichloromethane  
Concen: 91.946 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

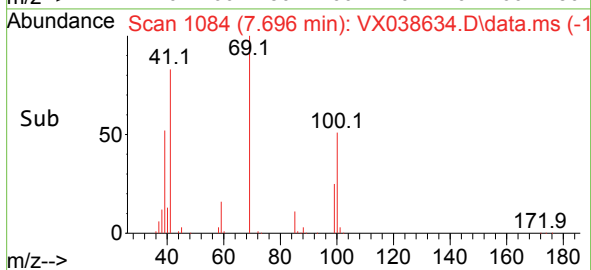
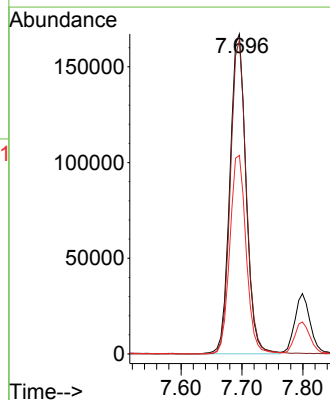
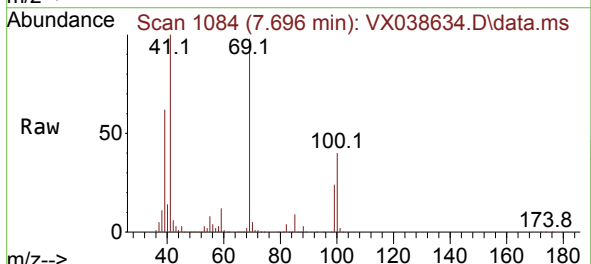
Instrument :  
MSVOA\_X  
ClientSampleId :

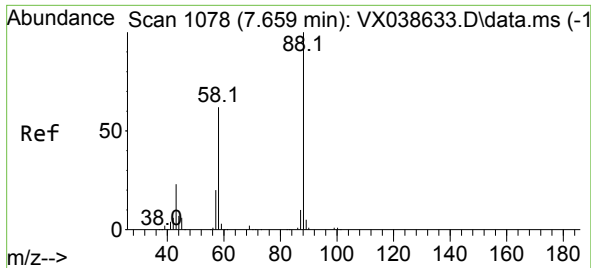
Tgt Ion: 83 Resp: 425182  
Ion Ratio Lower Upper  
83 100  
85 65.6 49.8 74.6  
127 9.5 7.1 10.7



#48  
Methyl methacrylate  
Concen: 96.134 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

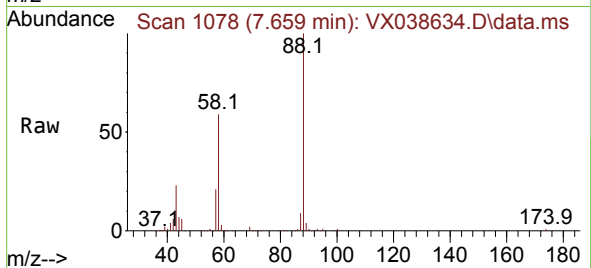
Tgt Ion: 41 Resp: 307080  
Ion Ratio Lower Upper  
41 100  
69 97.1 59.2 88.8#  
39 63.0 47.7 71.5



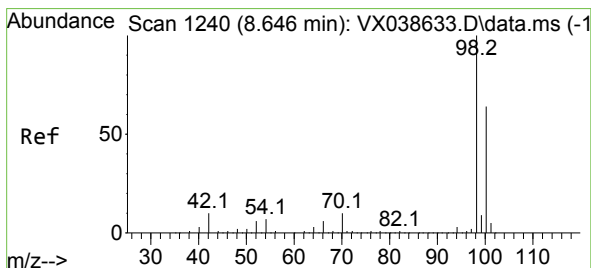
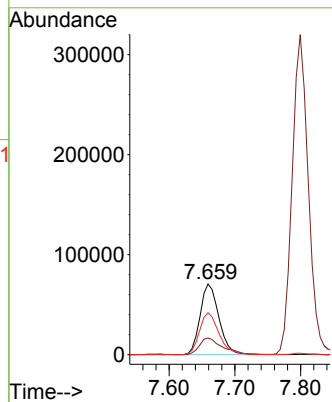
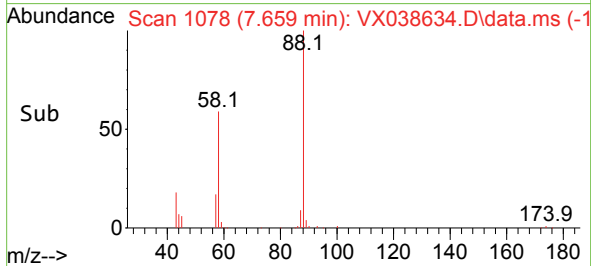


#49  
1,4-Dioxane  
Concen: 1928.354 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :

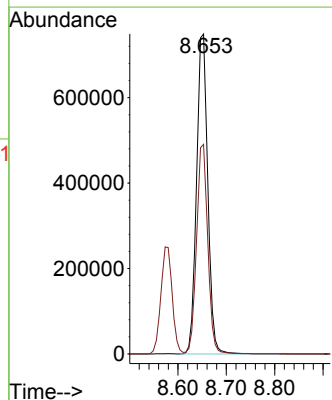
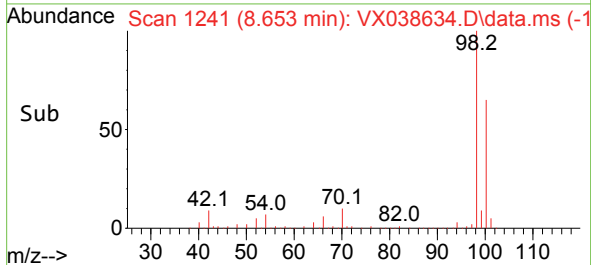
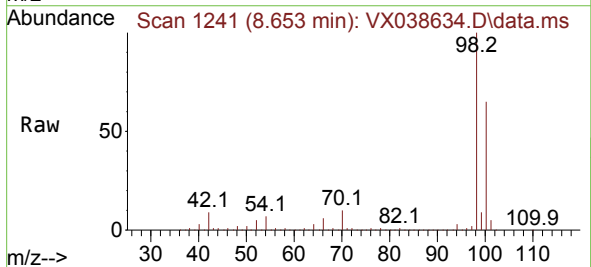


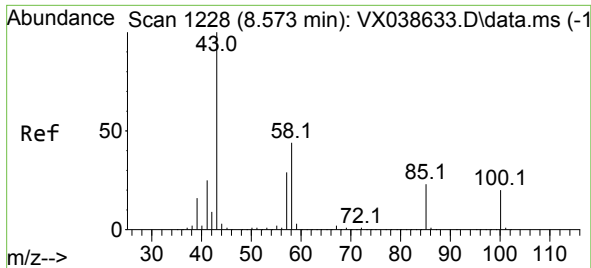
Tgt Ion: 88 Resp: 140227  
Ion Ratio Lower Upper  
88 100  
43 28.5 0.0 0.0#  
58 61.8 60.1 90.1



#50  
Toluene-d8  
Concen: 98.883 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 98 Resp: 1202859  
Ion Ratio Lower Upper  
98 100  
100 65.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 473.374 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

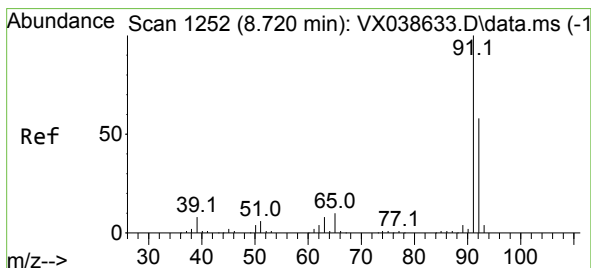
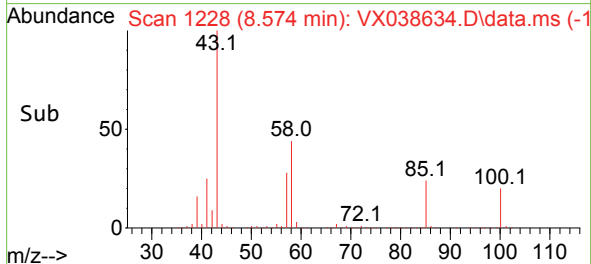
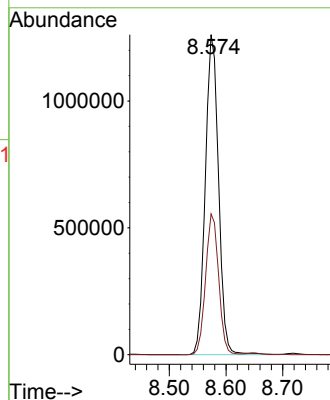
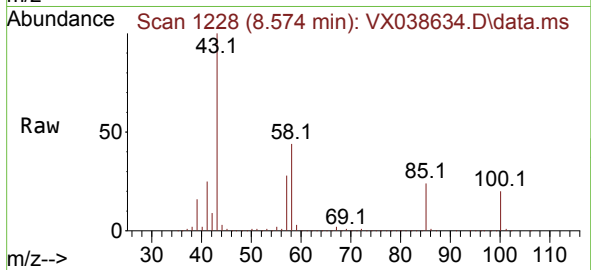
ClientSampleId :

Tgt Ion: 43 Resp: 2044271

Ion Ratio Lower Upper

43 100

58 43.4 30.4 45.6



#52

Toluene

Concen: 93.928 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038634.D

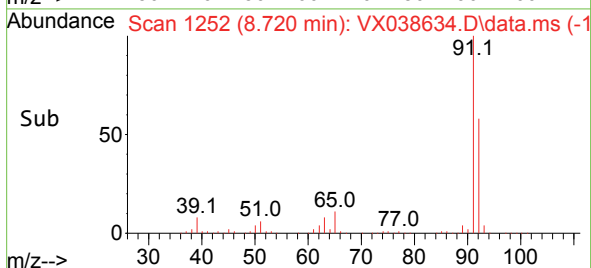
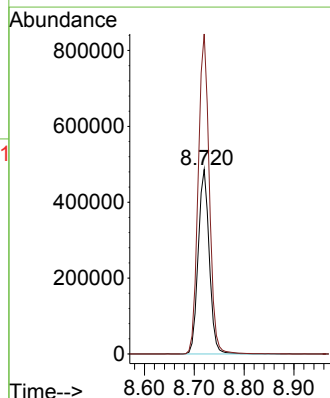
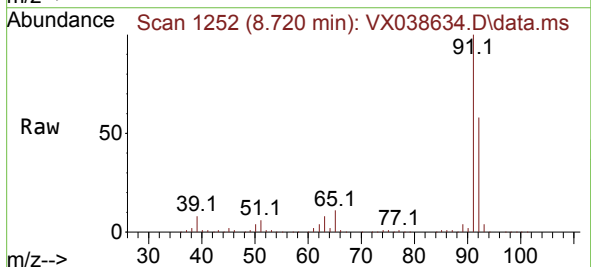
Acq: 07 Nov 2023 15:08

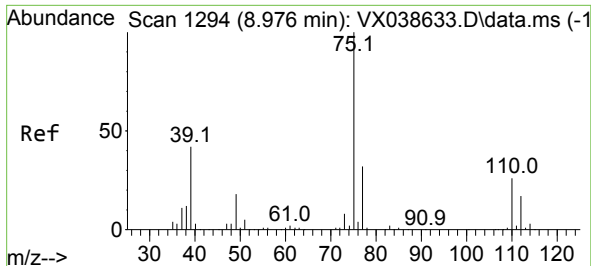
Tgt Ion: 92 Resp: 748372

Ion Ratio Lower Upper

92 100

91 174.1 134.2 201.2

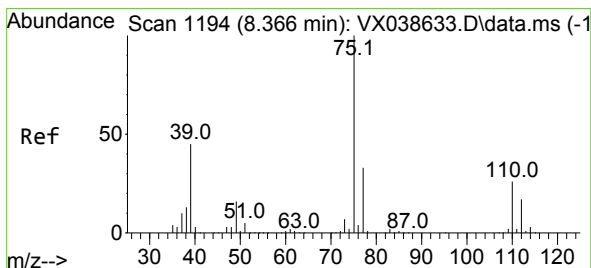
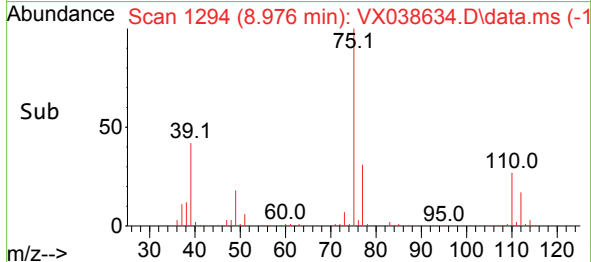
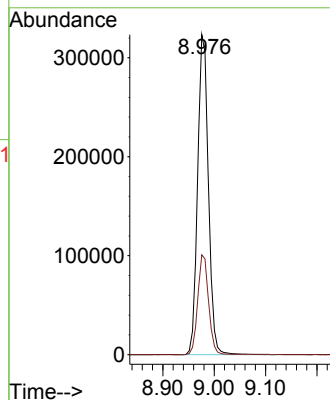
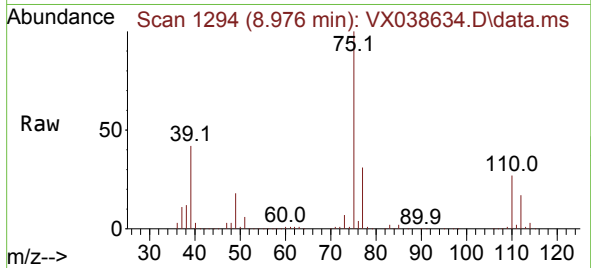




#53  
 t-1,3-Dichloropropene  
 Concen: 100.192 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX038634.D  
 Acq: 07 Nov 2023 15:08

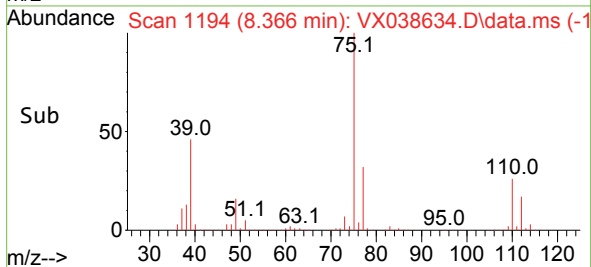
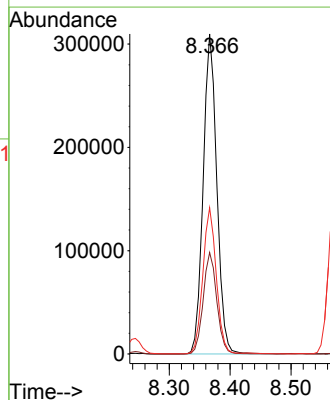
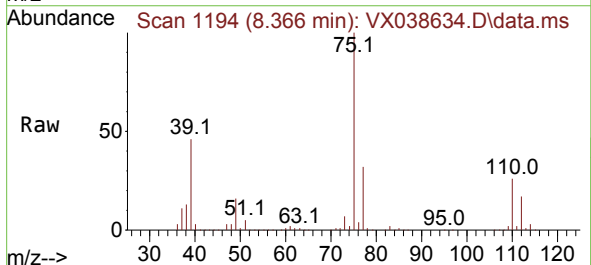
Instrument :  
 MSVOA\_X  
 ClientSampleId :

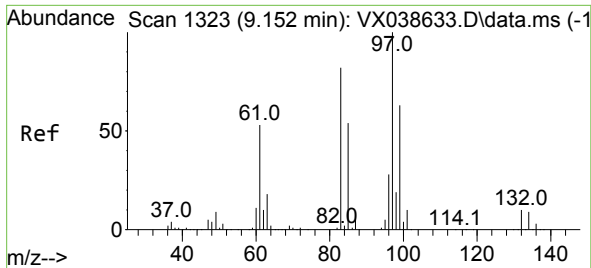
Tgt Ion: 75 Resp: 471693  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 97.177 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX038634.D  
 Acq: 07 Nov 2023 15:08

Tgt Ion: 75 Resp: 482968  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.3 37.9  
 39 45.7 46.7 70.1#



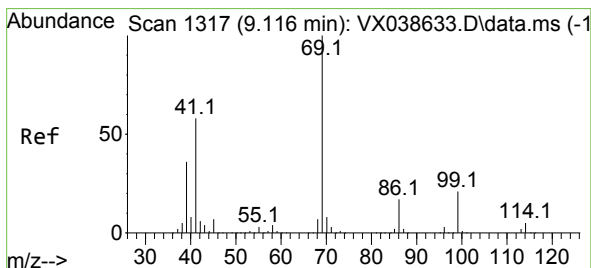
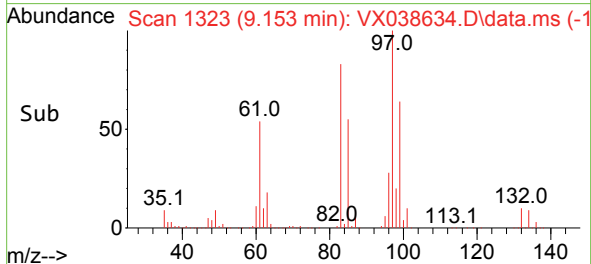
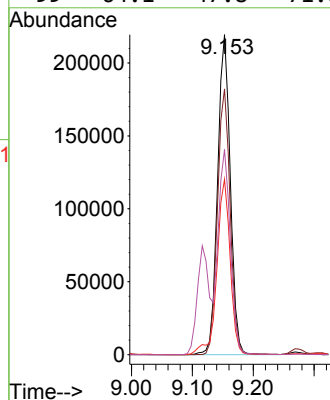
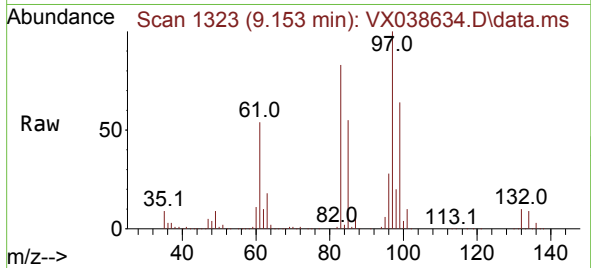


#55  
 1,1,2-Trichloroethane  
 Concen: 94.188 ug/l  
 RT: 9.153 min Scan# 1323  
 Delta R.T. 0.000 min  
 Lab File: VX038634.D  
 Acq: 07 Nov 2023 15:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 97 Resp: 318416

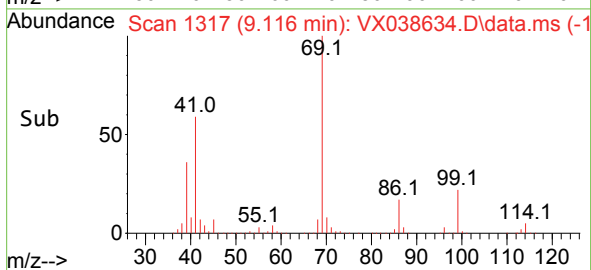
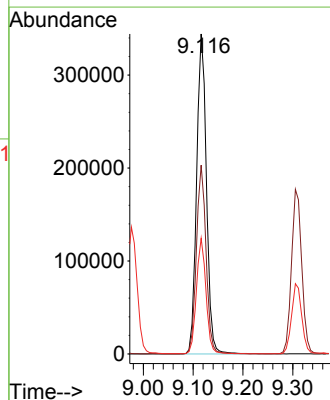
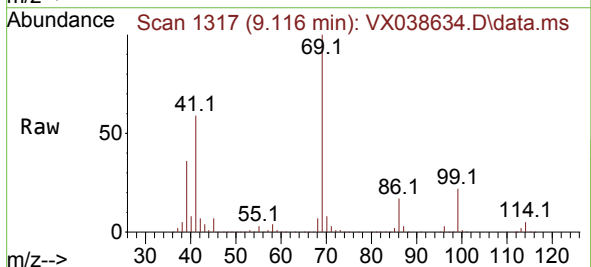
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.1  | 65.8  | 98.8  |
| 85  | 54.8  | 41.6  | 62.4  |
| 99  | 64.1  | 47.8  | 71.8  |

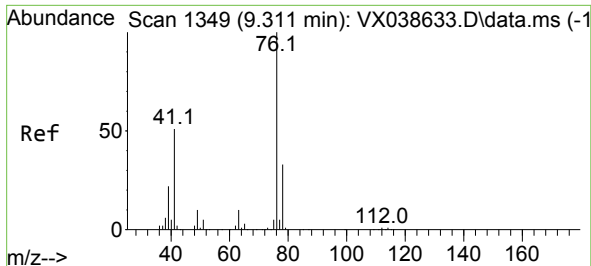


#56  
 Ethyl methacrylate  
 Concen: 99.489 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX038634.D  
 Acq: 07 Nov 2023 15:08

Tgt Ion: 69 Resp: 470570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 58.1  | 56.8  | 85.2  |
| 39  | 35.3  | 32.0  | 48.0  |





#57

1,3-Dichloropropane

Concen: 93.453 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

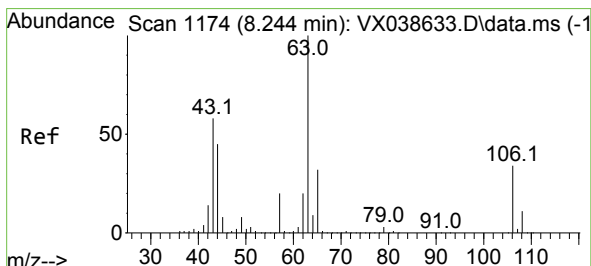
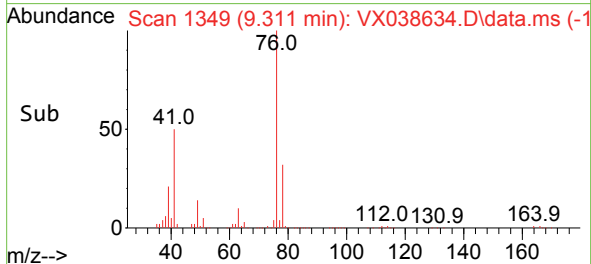
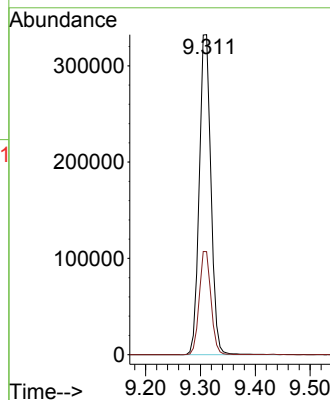
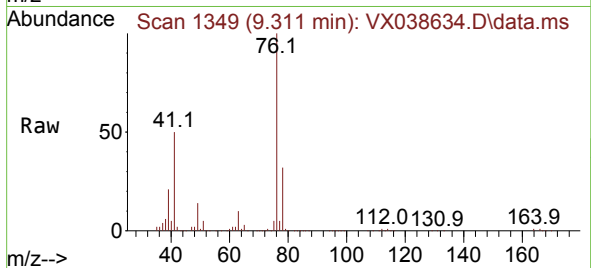
ClientSampleId :

Tgt Ion: 76 Resp: 492080

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 499.196 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038634.D

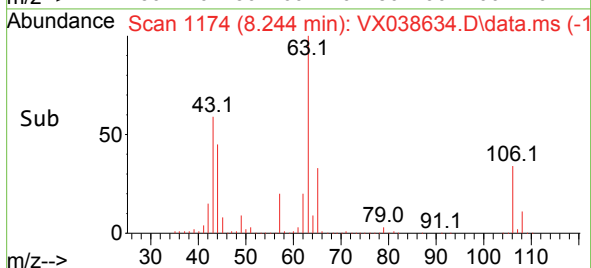
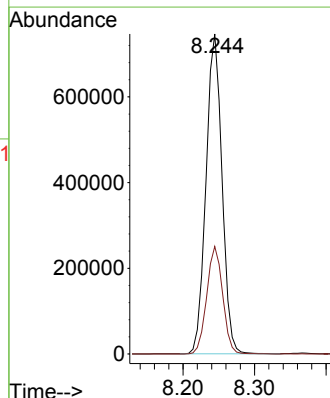
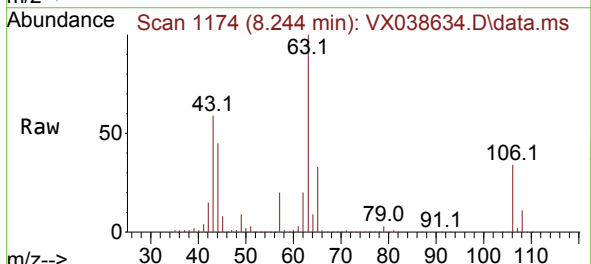
Acq: 07 Nov 2023 15:08

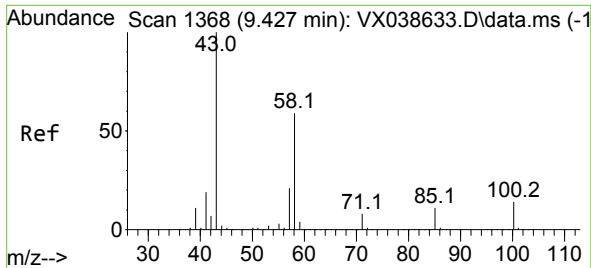
Tgt Ion: 63 Resp: 1160902

Ion Ratio Lower Upper

63 100

106 33.4 22.5 33.7

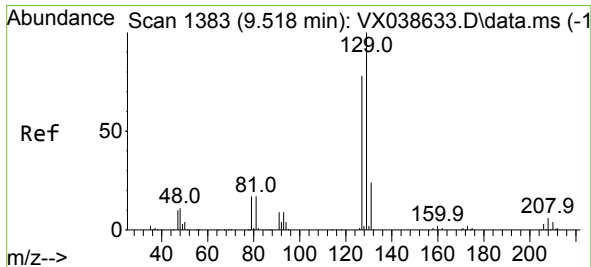
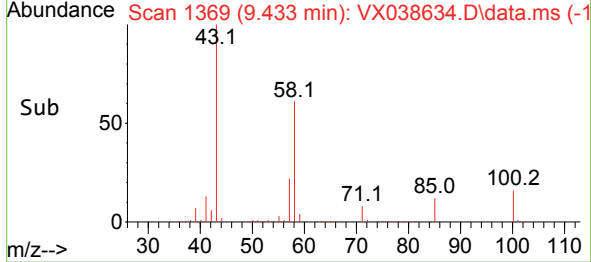
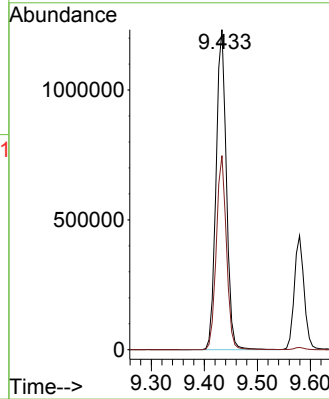
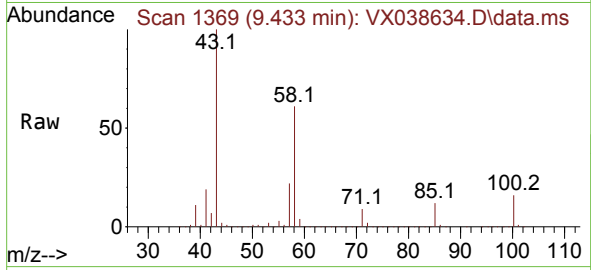




#59  
2-Hexanone  
Concen: 477.423 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

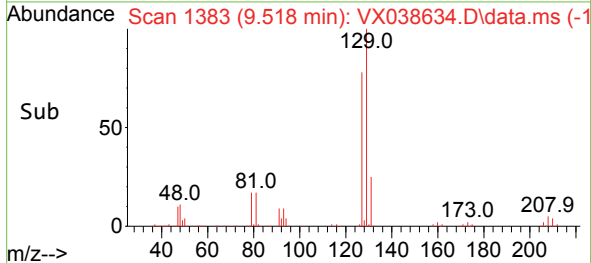
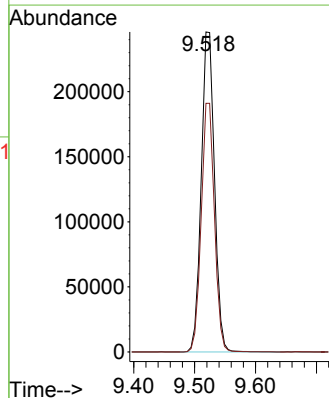
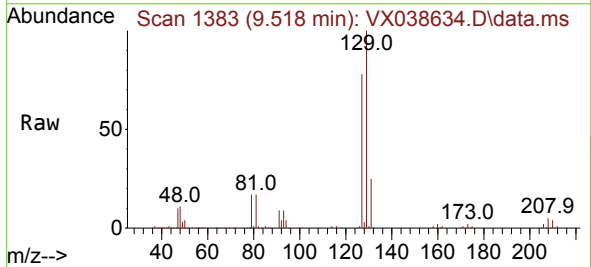
Instrument :  
MSVOA\_X  
ClientSampleId :

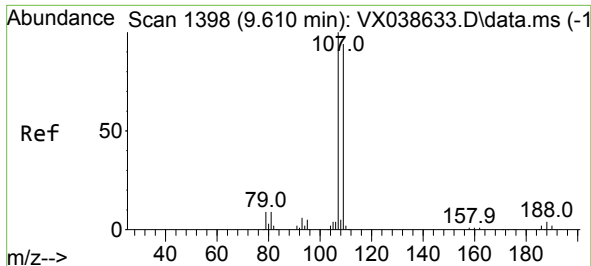
Tgt Ion: 43 Resp: 1668249  
Ion Ratio Lower Upper  
43 100  
58 59.6 26.2 78.5



#60  
Dibromochloromethane  
Concen: 97.950 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 129 Resp: 371719  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 94.293 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

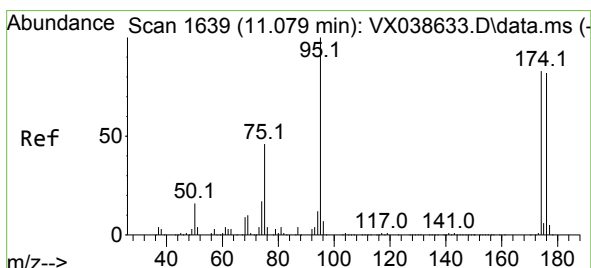
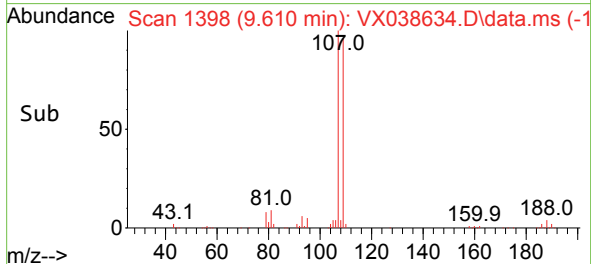
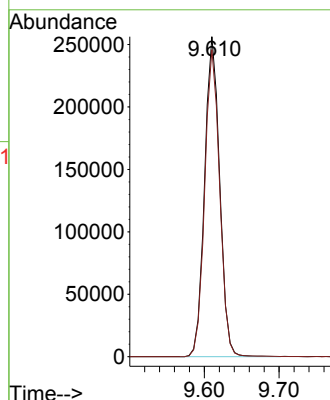
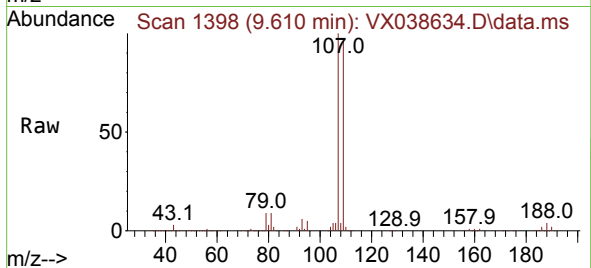
ClientSampleId :

Tgt Ion:107 Resp: 358257

Ion Ratio Lower Upper

107 100

109 95.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 101.029 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

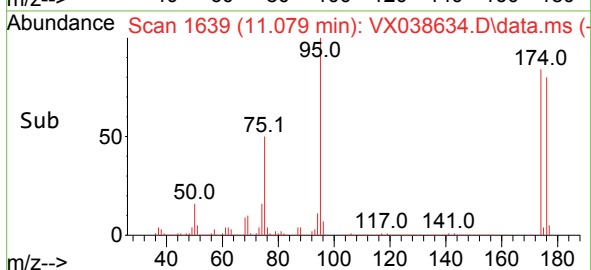
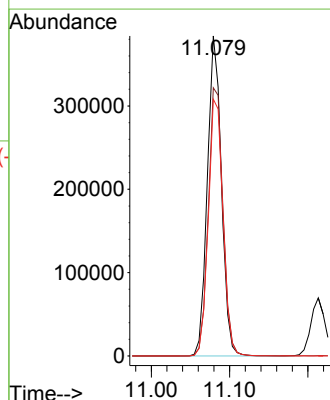
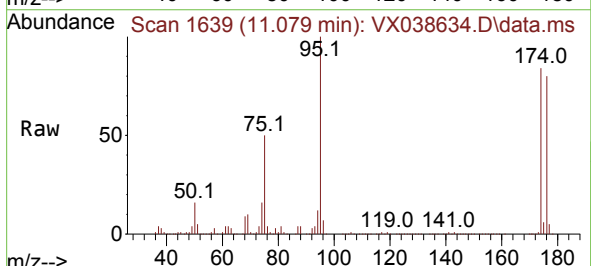
Tgt Ion: 95 Resp: 476487

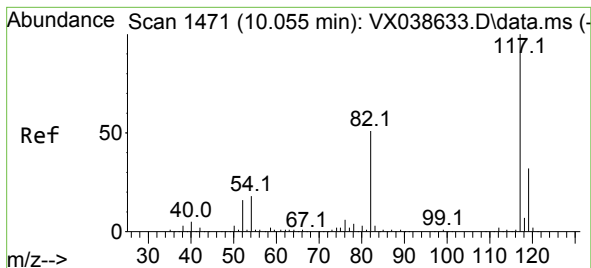
Ion Ratio Lower Upper

95 100

174 87.9 0.0 135.6

176 84.0 0.0 131.0

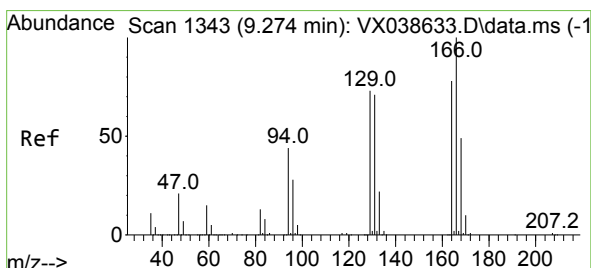
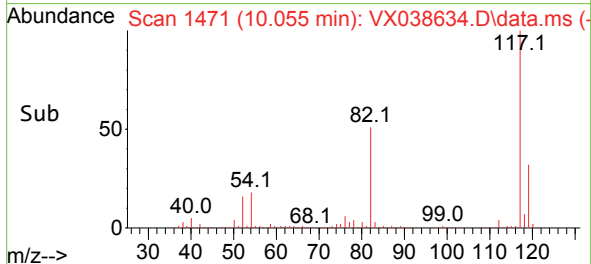
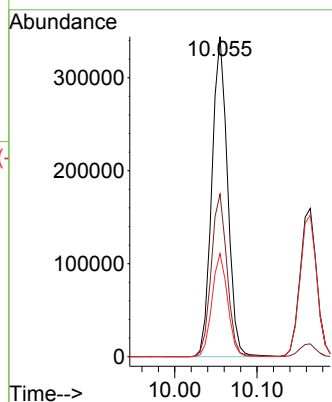
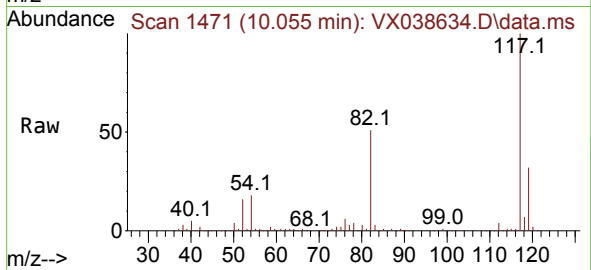




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

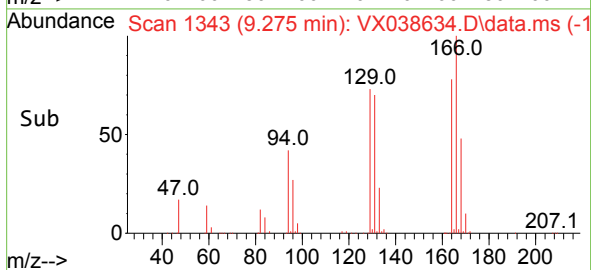
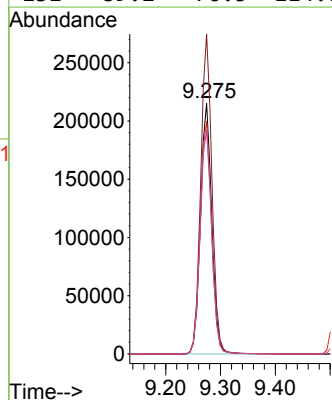
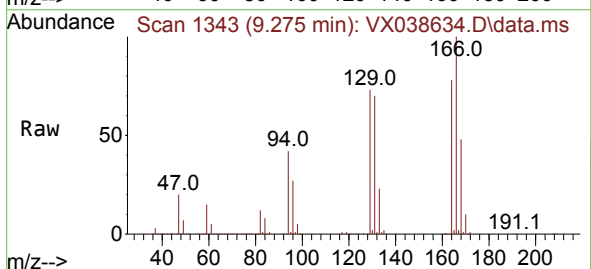
Instrument :  
MSVOA\_X  
ClientSampleId :

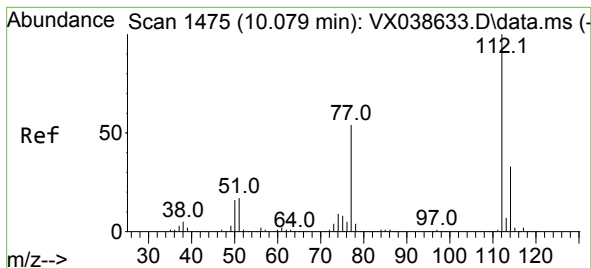
Tgt Ion:117 Resp: 456704  
Ion Ratio Lower Upper  
117 100  
82 50.8 46.2 69.4  
119 32.2 25.5 38.3



#64  
Tetrachloroethene  
Concen: 89.976 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion:164 Resp: 307588  
Ion Ratio Lower Upper  
164 100  
166 127.7 102.7 154.1  
129 92.8 80.4 120.6  
131 89.2 76.5 114.7

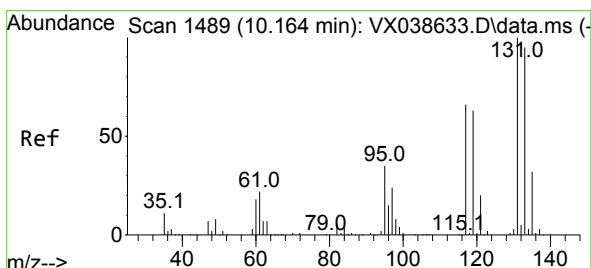
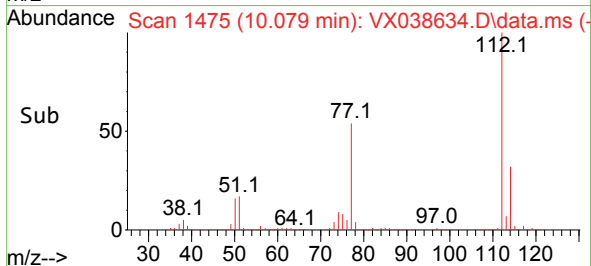
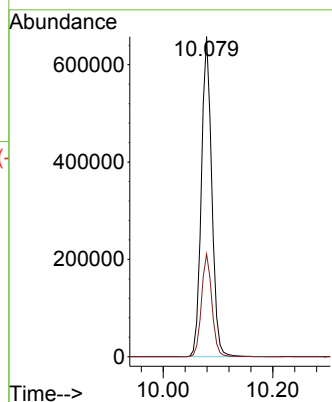
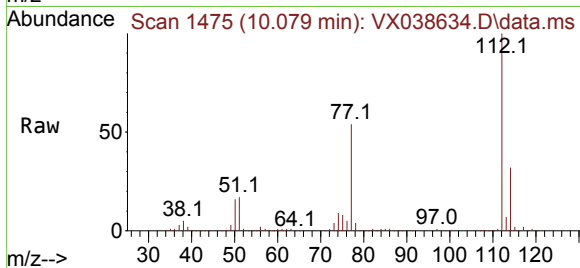




#65  
Chlorobenzene  
Concen: 93.153 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

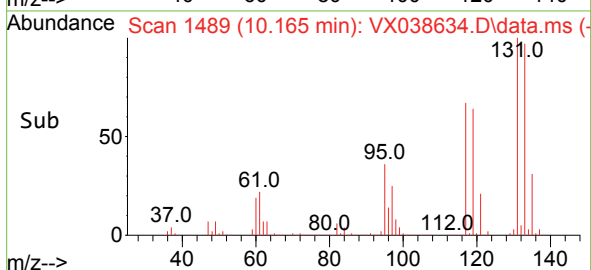
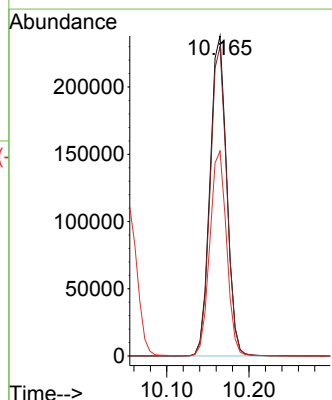
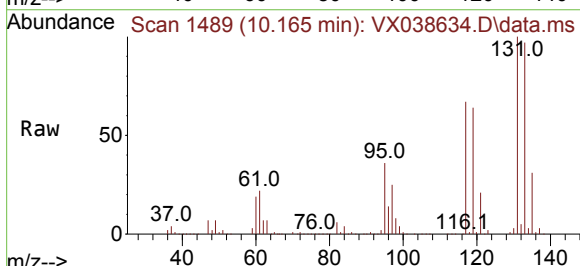
Instrument :  
MSVOA\_X  
ClientSampleId :

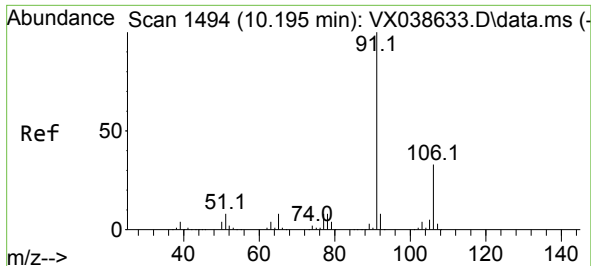
Tgt Ion:112 Resp: 866042  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 95.863 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

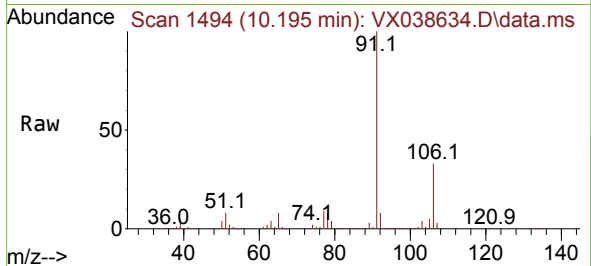
Tgt Ion:131 Resp: 335040  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.1 141.4  
119 64.4 32.2 96.6



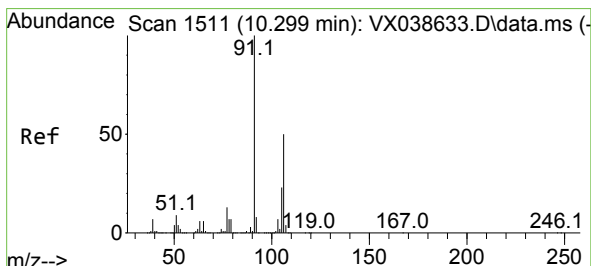
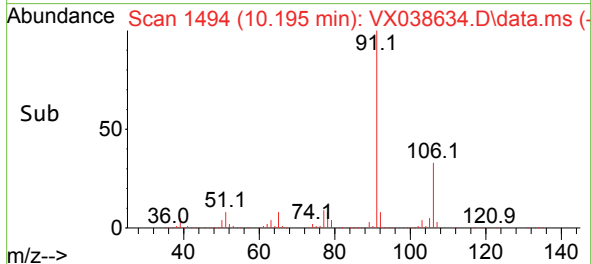
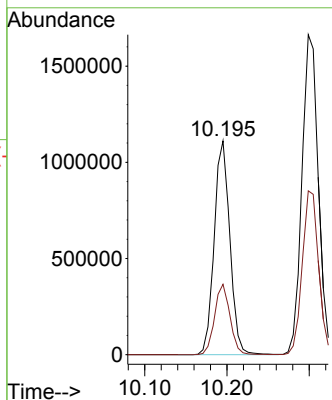


#67  
Ethyl Benzene  
Concen: 93.674 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :

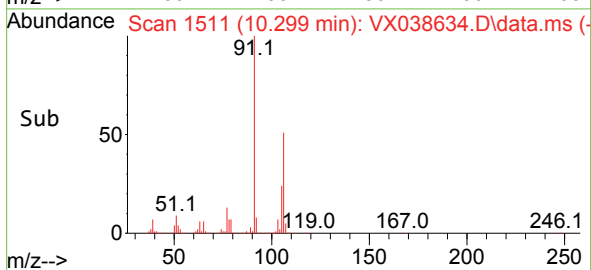
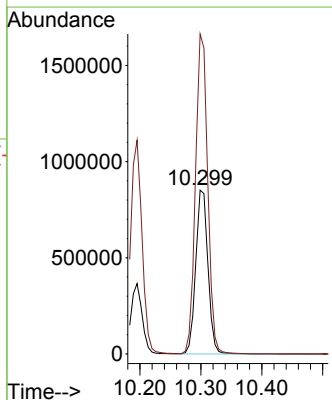
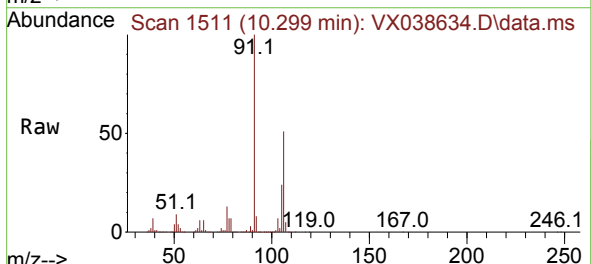


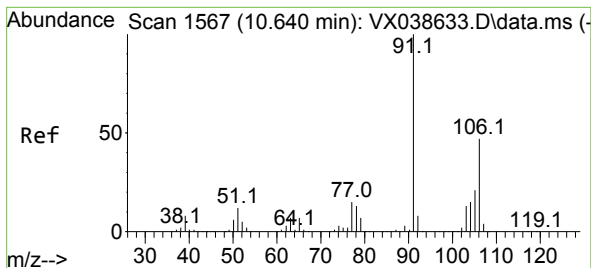
Tgt Ion: 91 Resp: 1473131  
Ion Ratio Lower Upper  
91 100  
106 33.0 24.9 37.3



#68  
m/p-Xylenes  
Concen: 188.953 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion:106 Resp: 1179346  
Ion Ratio Lower Upper  
106 100  
91 195.7 165.5 248.3

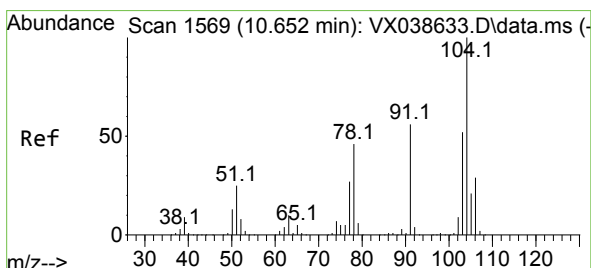
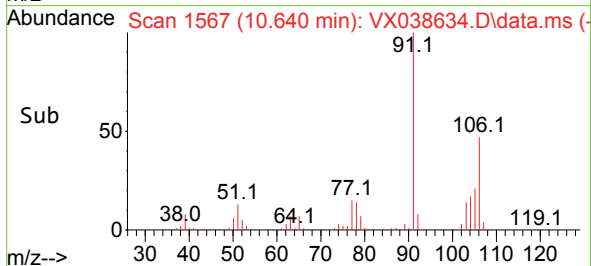
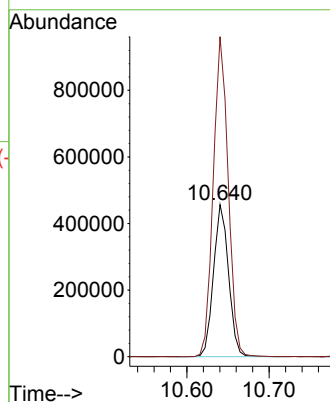
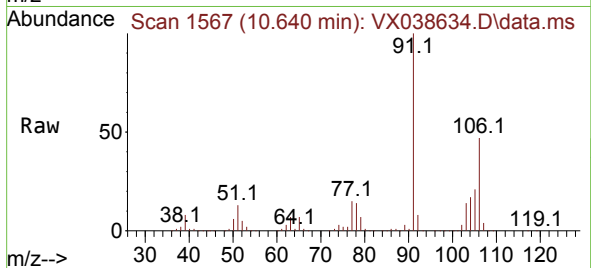




#69  
o-Xylene  
Concen: 95.509 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

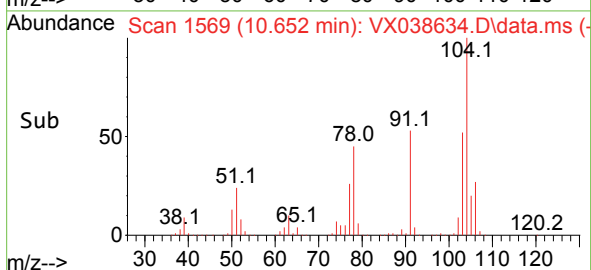
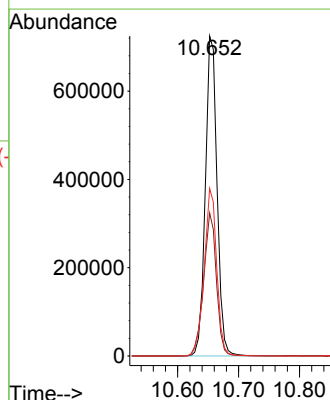
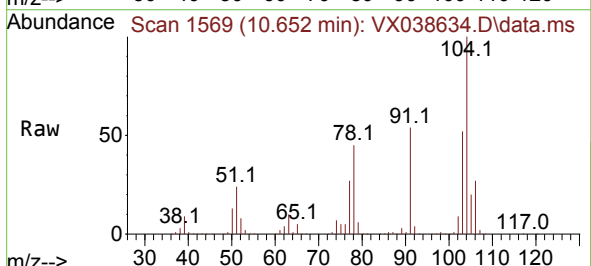
Instrument :  
MSVOA\_X  
ClientSampleId :

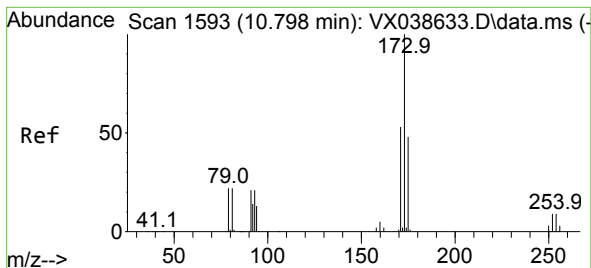
Tgt Ion:106 Resp: 579703  
Ion Ratio Lower Upper  
106 100  
91 209.1 108.9 326.8



#70  
Styrene  
Concen: 96.868 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion:104 Resp: 970358  
Ion Ratio Lower Upper  
104 100  
78 48.9 43.6 65.4  
103 56.1 43.6 65.4





#71

Bromoform

Concen: 101.680 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

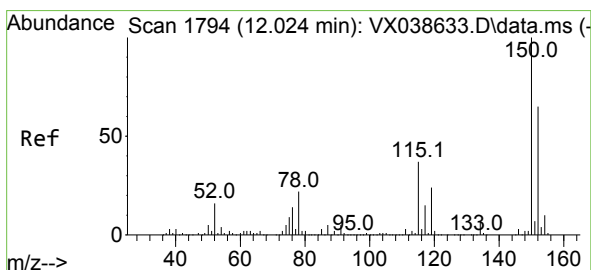
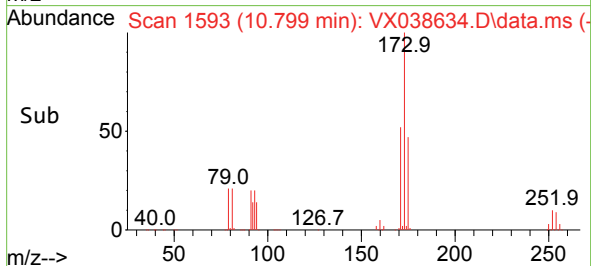
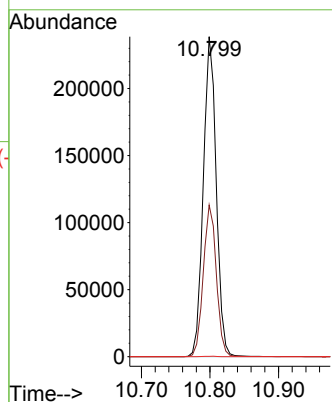
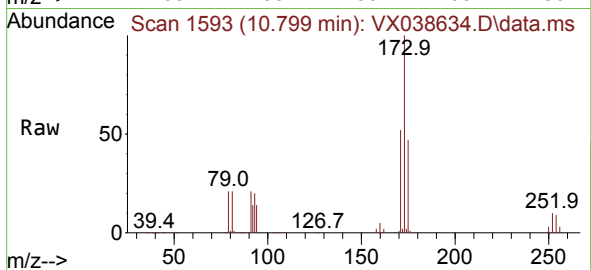
Tgt Ion:173 Resp: 313662

Ion Ratio Lower Upper

173 100

175 48.0 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: VX038634.D

Acq: 07 Nov 2023 15:08

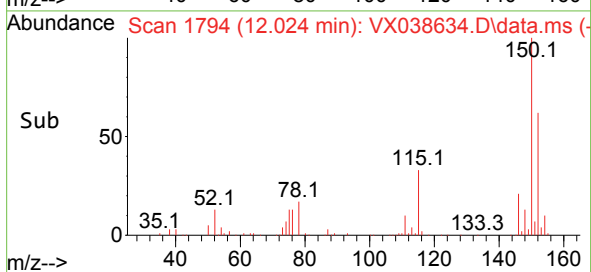
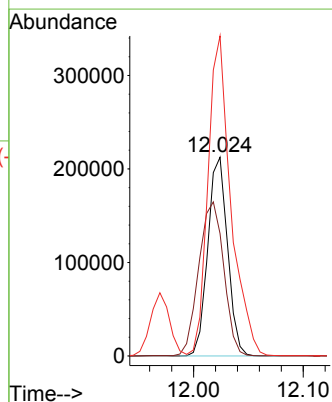
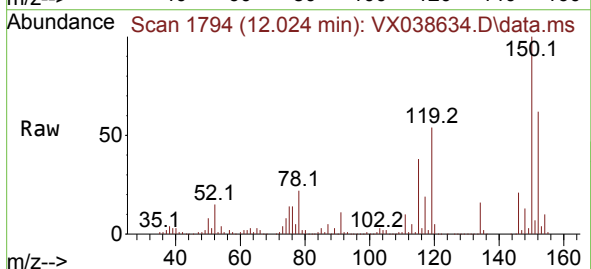
Tgt Ion:152 Resp: 265370

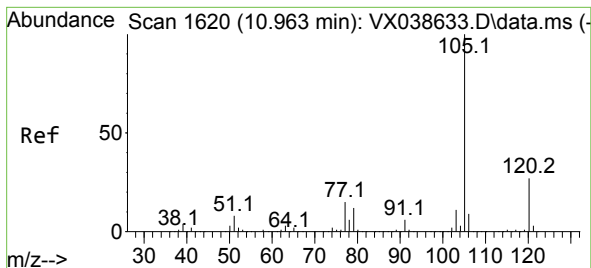
Ion Ratio Lower Upper

152 100

115 98.6 43.3 129.9

150 186.6 0.0 345.0





#73

Isopropylbenzene

Concen: 93.133 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

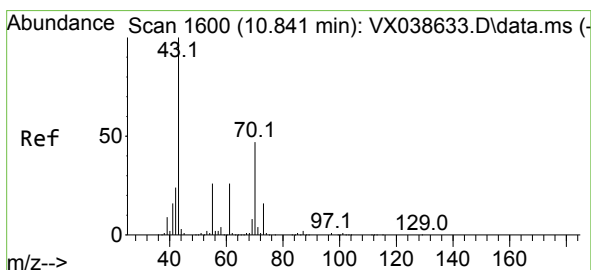
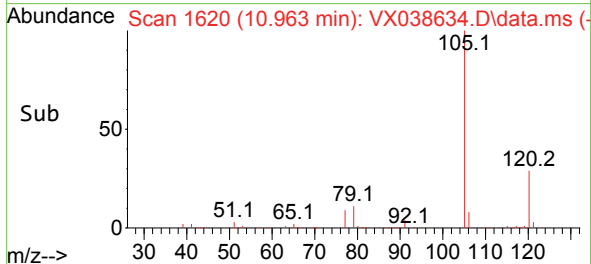
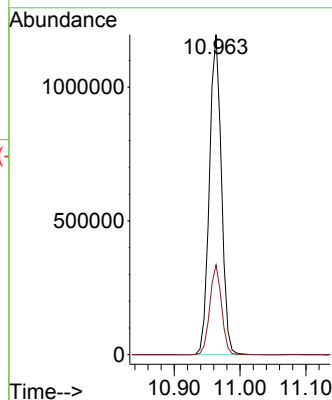
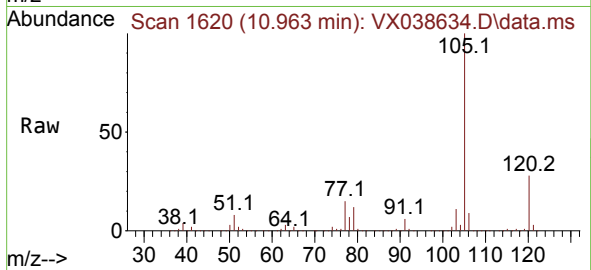
ClientSampleId :

Tgt Ion:105 Resp: 1516234

Ion Ratio Lower Upper

105 100

120 27.4 12.9 38.6



#74

N-ethyl acetate

Concen: 99.861 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Tgt Ion: 43 Resp: 564884

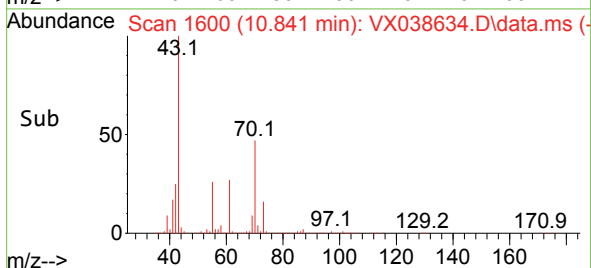
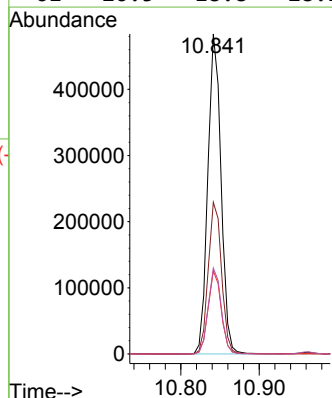
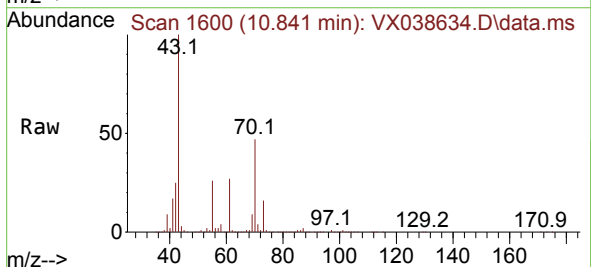
Ion Ratio Lower Upper

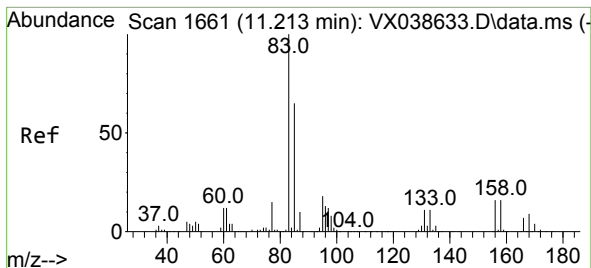
43 100

70 47.9 32.9 49.3

55 25.7 19.3 28.9

61 26.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 92.384 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

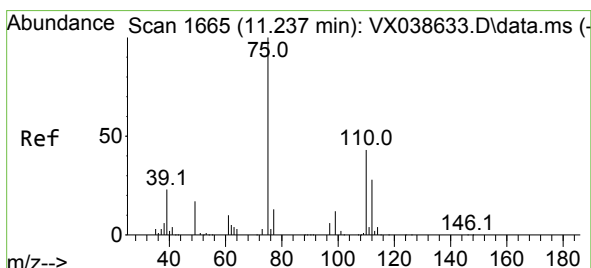
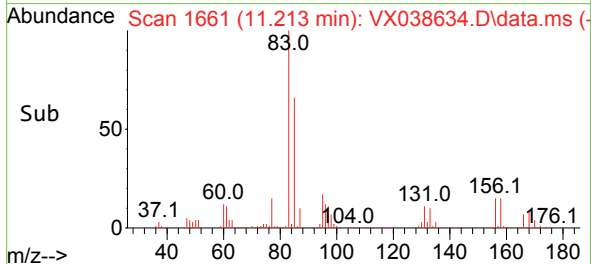
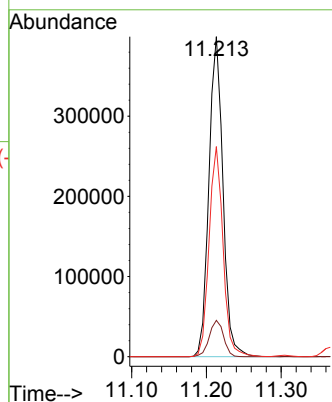
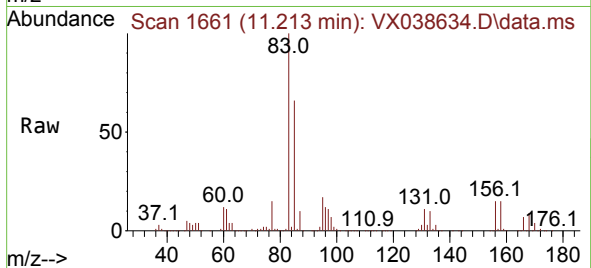
Tgt Ion: 83 Resp: 519963

Ion Ratio Lower Upper

83 100

131 11.6 5.3 15.8

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 114.063 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038634.D

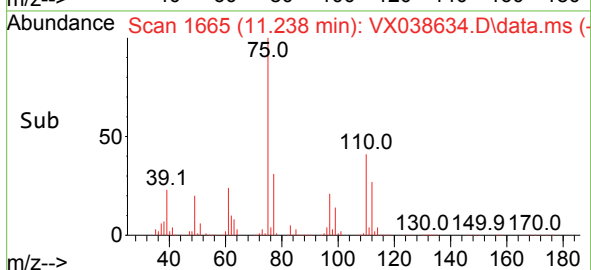
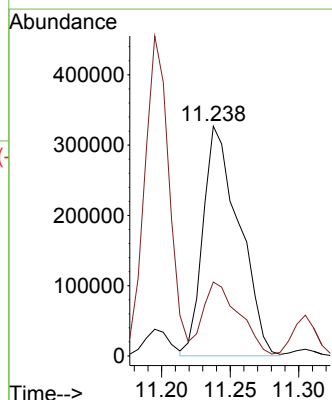
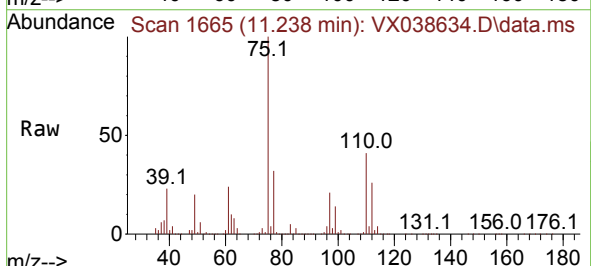
Acq: 07 Nov 2023 15:08

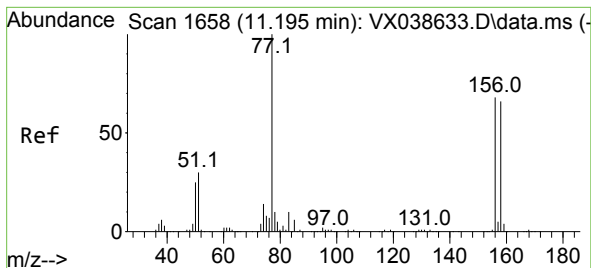
Tgt Ion: 75 Resp: 599473

Ion Ratio Lower Upper

75 100

77 32.3 19.1 57.5





#77

Bromobenzene

Concen: 91.536 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

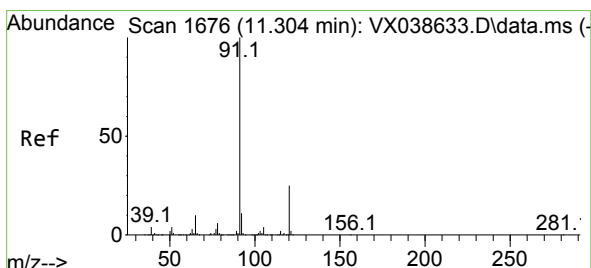
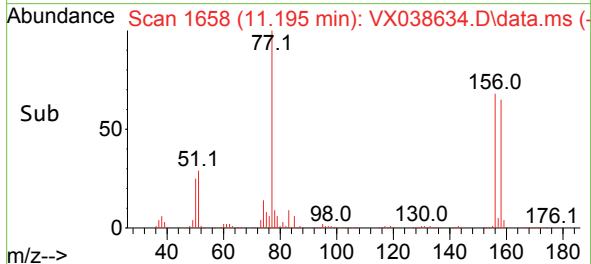
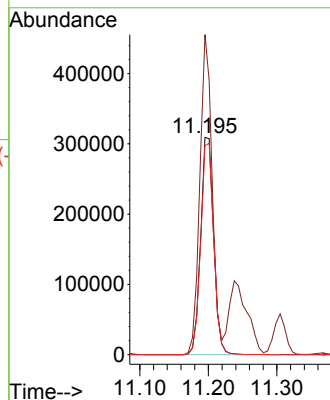
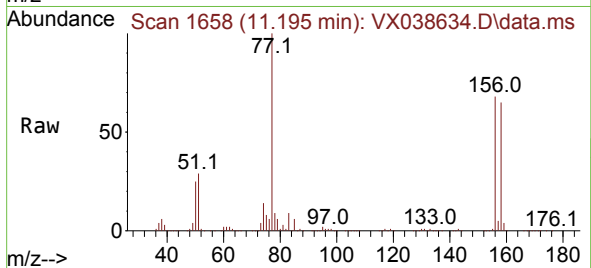
Tgt Ion:156 Resp: 408994

Ion Ratio Lower Upper

156 100

77 138.8 88.4 265.3

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 91.832 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038634.D

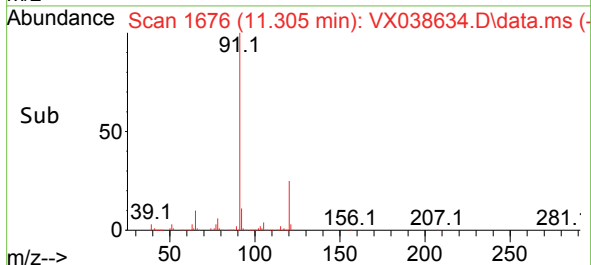
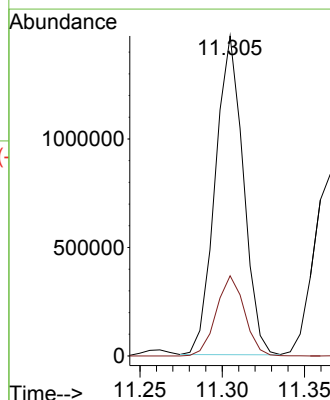
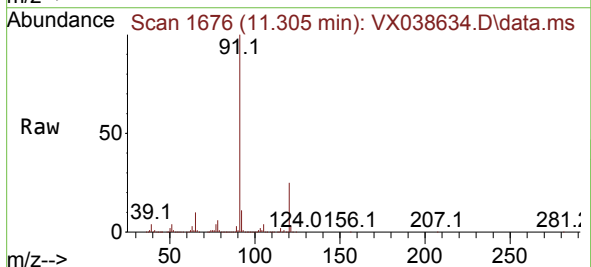
Acq: 07 Nov 2023 15:08

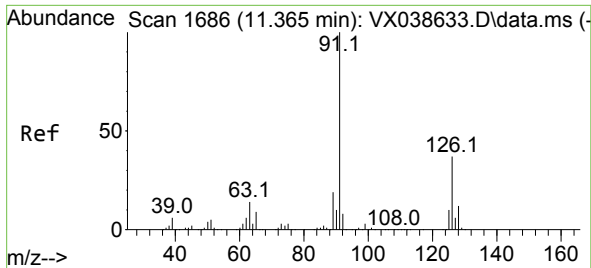
Tgt Ion: 91 Resp: 1739761

Ion Ratio Lower Upper

91 100

120 25.2 11.5 34.4

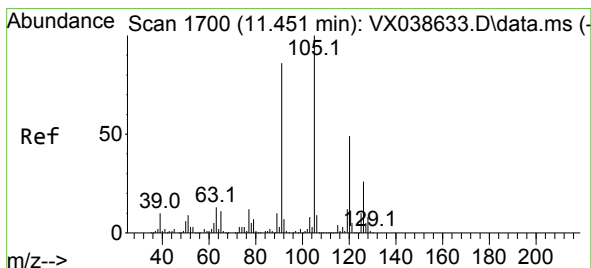
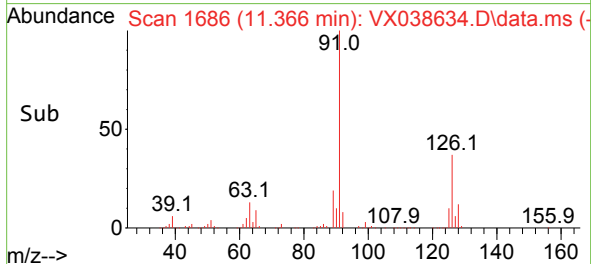
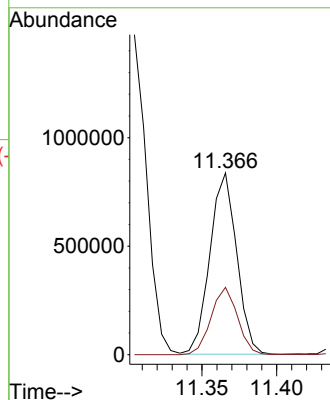
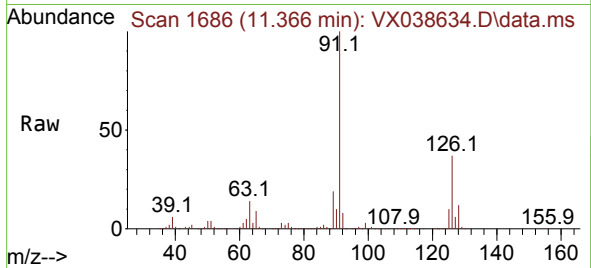




#79  
2-Chlorotoluene  
Concen: 91.800 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

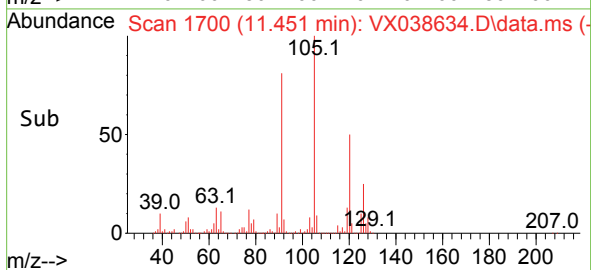
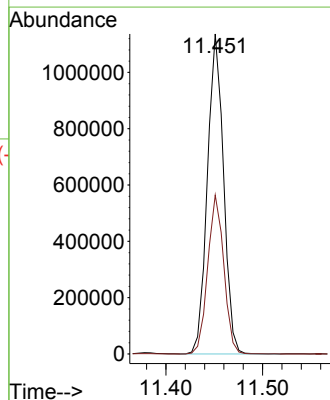
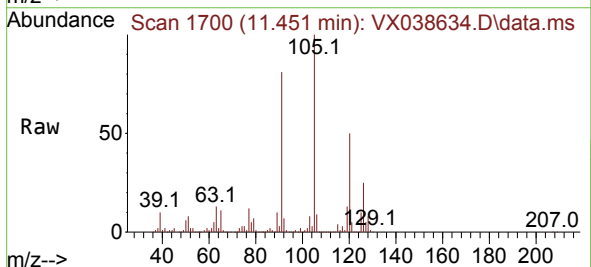
Instrument :  
MSVOA\_X  
ClientSampleId :

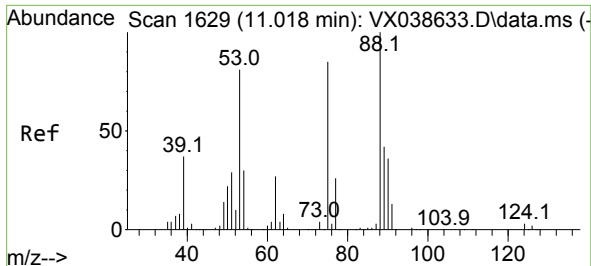
Tgt Ion: 91 Resp: 1041239  
Ion Ratio Lower Upper  
91 100  
126 36.7 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 94.295 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 105 Resp: 1321229  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.1 72.3

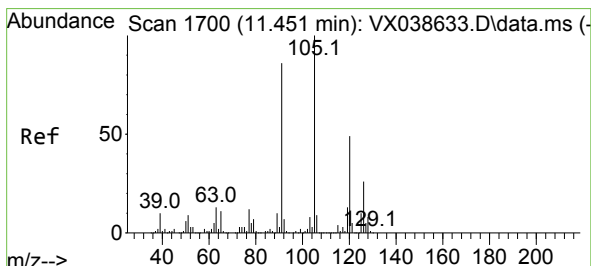
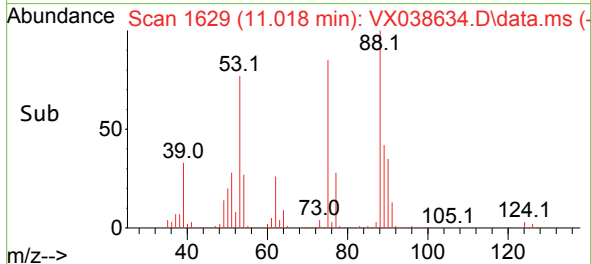
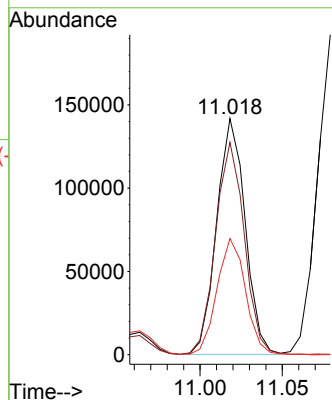
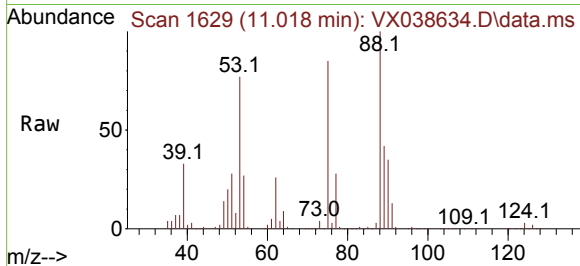




#81  
trans-1,4-Dichloro-2-butene  
Concen: 93.352 ug/l  
RT: 11.018 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

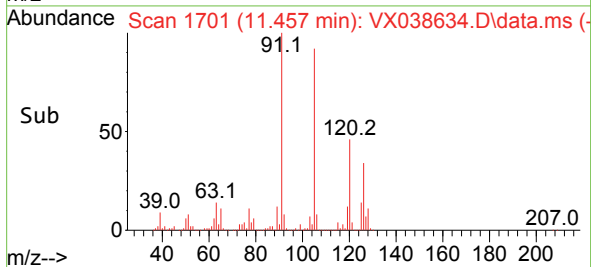
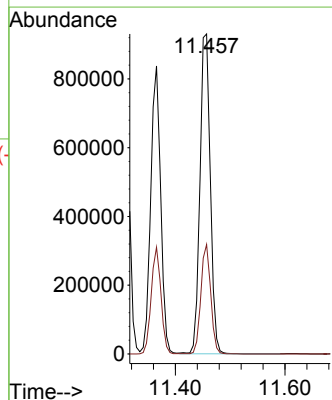
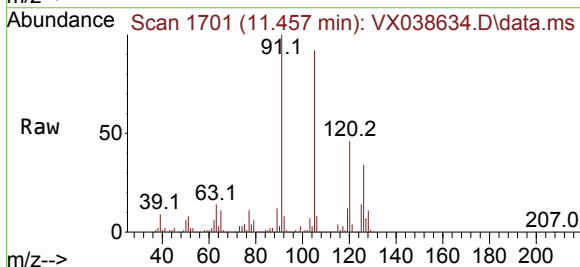
Instrument :  
MSVOA\_X  
ClientSampleId :

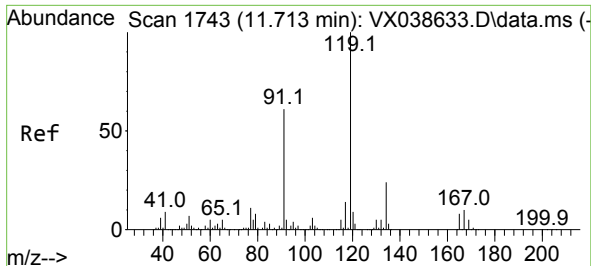
Tgt Ion: 75 Resp: 170607  
Ion Ratio Lower Upper  
75 100  
53 90.6 90.5 135.7  
89 49.4 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 92.606 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 91 Resp: 1227102  
Ion Ratio Lower Upper  
91 100  
126 32.4 14.2 42.6

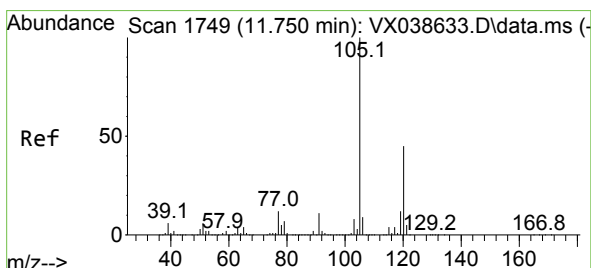
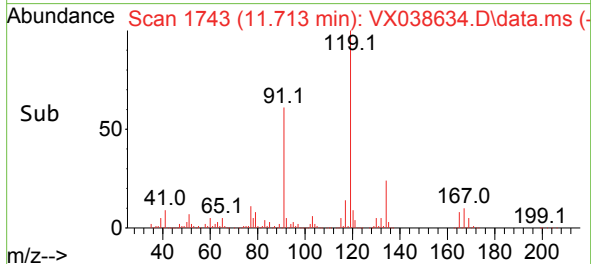
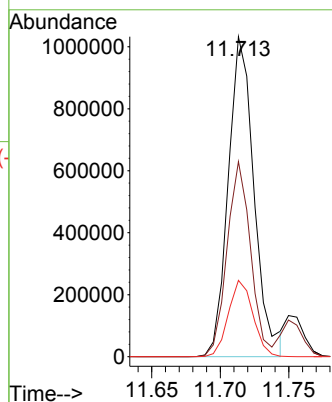
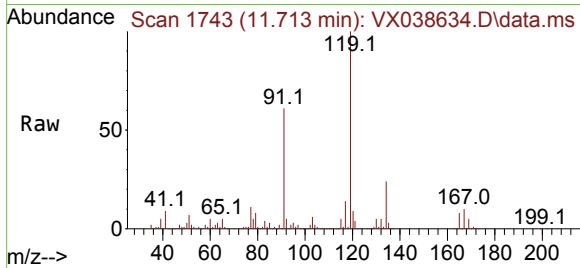




#83  
tert-Butylbenzene  
Concen: 95.492 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

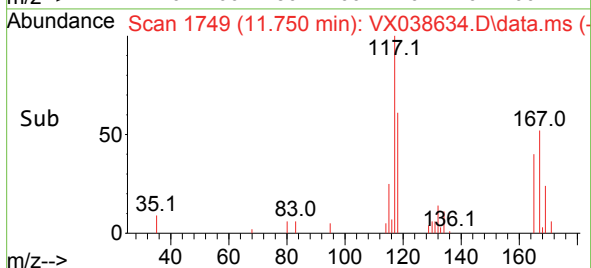
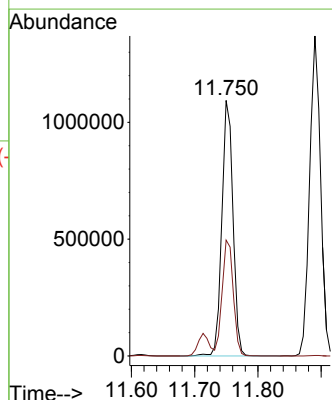
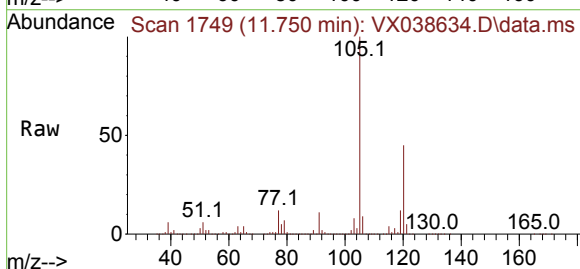
Instrument :  
MSVOA\_X  
ClientSampleId :

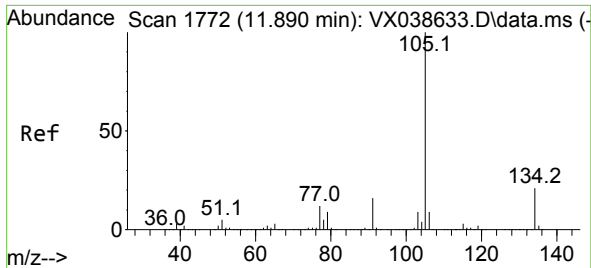
Tgt Ion:119 Resp: 1355777  
Ion Ratio Lower Upper  
119 100  
91 55.7 31.2 93.6  
134 22.8 11.7 35.0



#84  
1,2,4-Trimethylbenzene  
Concen: 95.408 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion:105 Resp: 1325901  
Ion Ratio Lower Upper  
105 100  
120 45.3 21.2 63.6

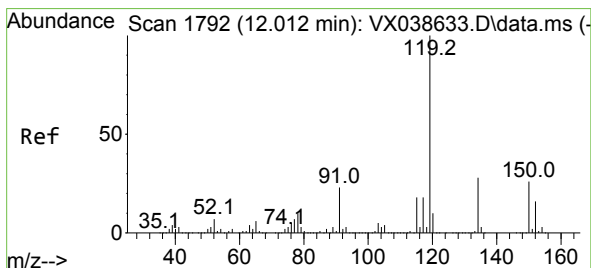
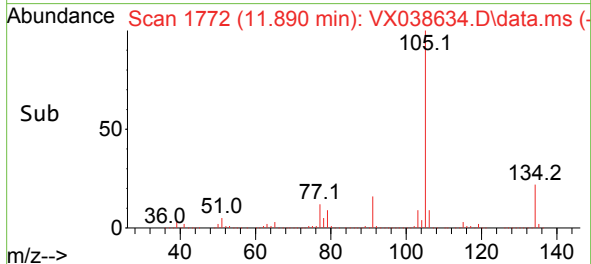
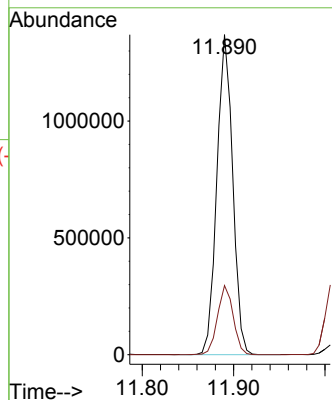
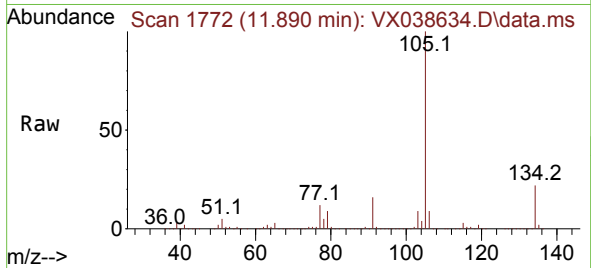




#85  
 sec-Butylbenzene  
 Concen: 92.741 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX038634.D  
 Acq: 07 Nov 2023 15:08

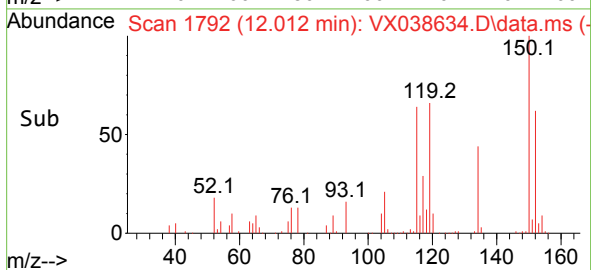
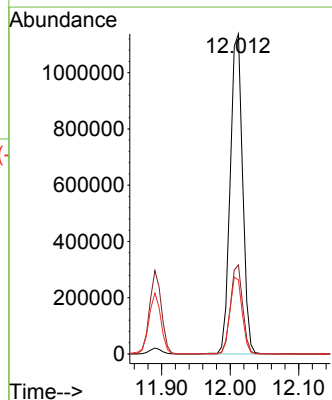
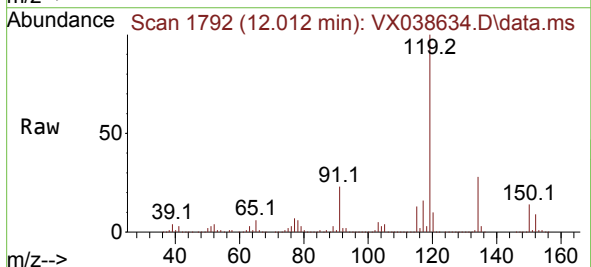
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:105 Resp: 1642977  
 Ion Ratio Lower Upper  
 105 100  
 134 21.5 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 94.196 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX038634.D  
 Acq: 07 Nov 2023 15:08

Tgt Ion:119 Resp: 1421574  
 Ion Ratio Lower Upper  
 119 100  
 134 27.4 12.8 38.3  
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 92.568 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

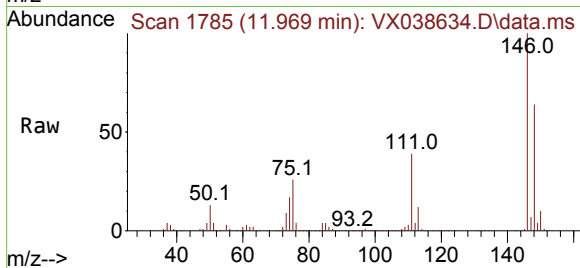
Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :



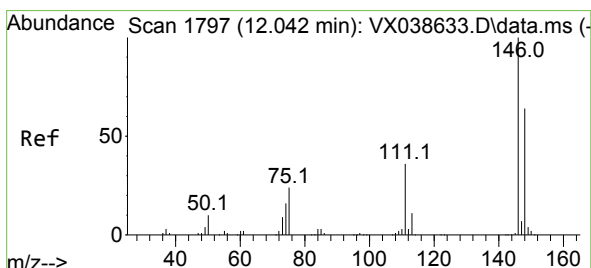
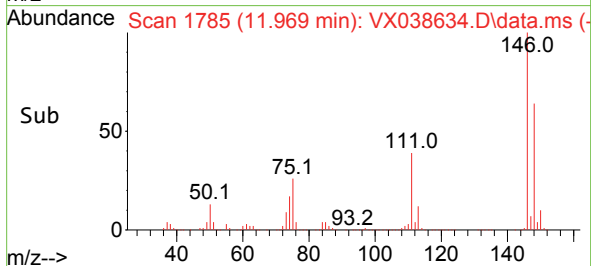
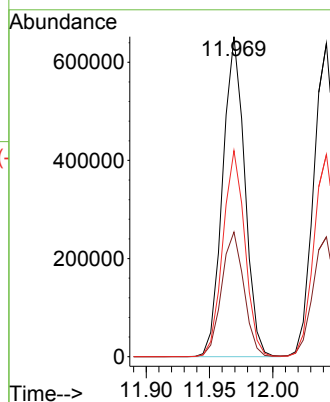
Tgt Ion:146 Resp: 790767

Ion Ratio Lower Upper

146 100

111 39.4 22.1 66.1

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 90.793 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

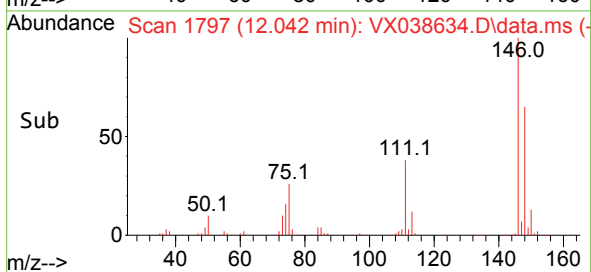
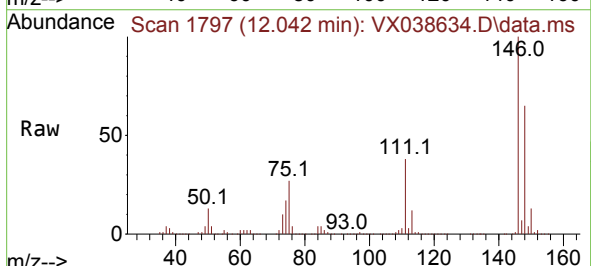
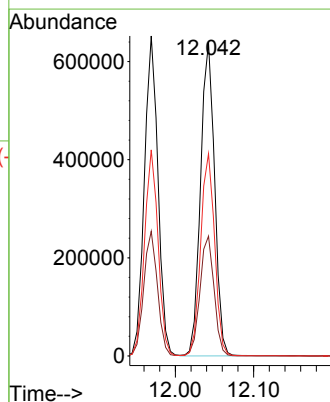
Tgt Ion:146 Resp: 797212

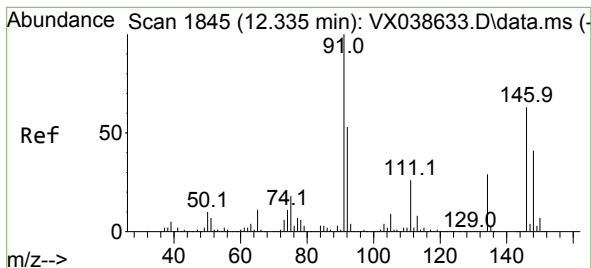
Ion Ratio Lower Upper

146 100

111 38.4 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 95.117 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

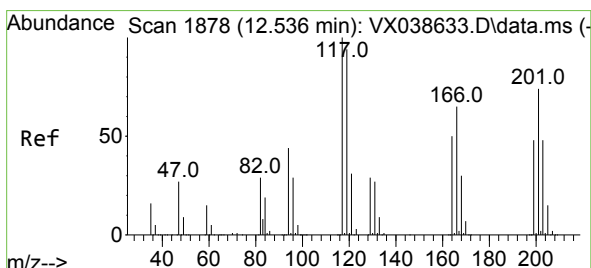
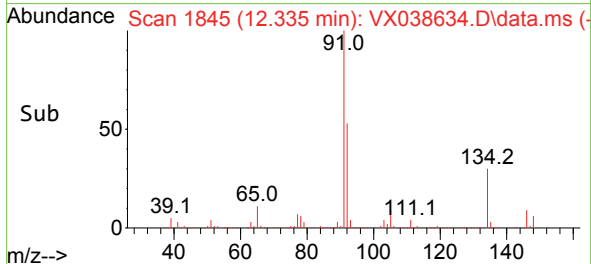
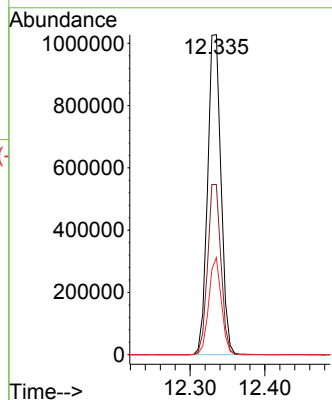
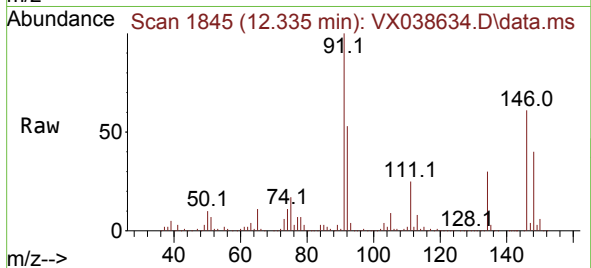
Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 91 Resp: 1277396

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.0  | 27.4  | 82.0  |
| 134 | 28.5  | 12.6  | 37.8  |



#90

Hexachloroethane

Concen: 99.500 ug/l

RT: 12.536 min Scan# 1878

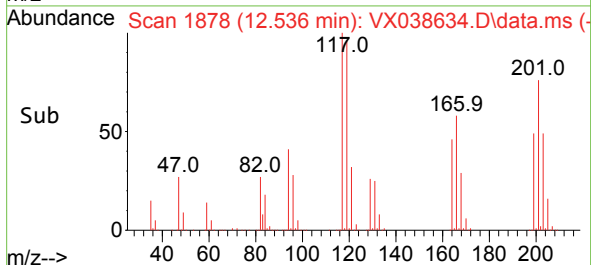
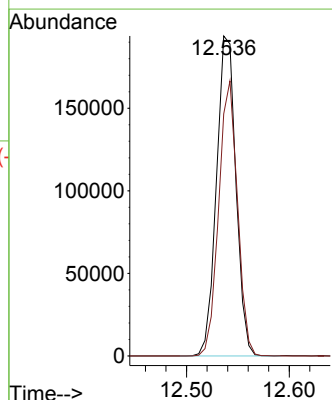
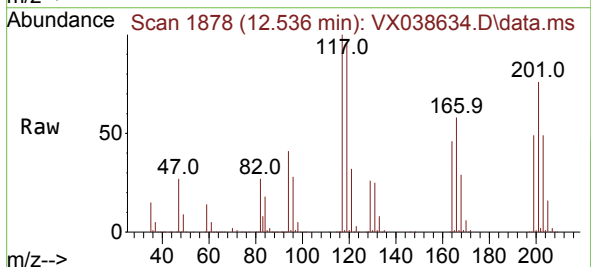
Delta R.T. 0.000 min

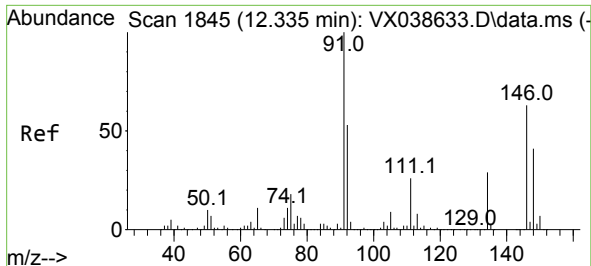
Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Tgt Ion: 117 Resp: 254354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 82.9  | 32.9  | 98.6  |

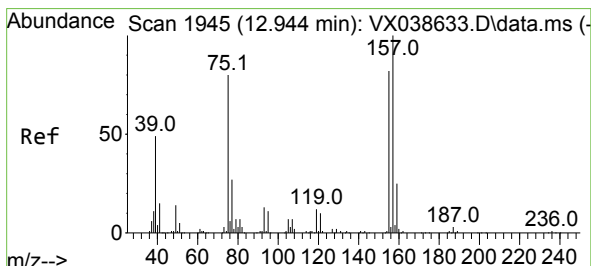
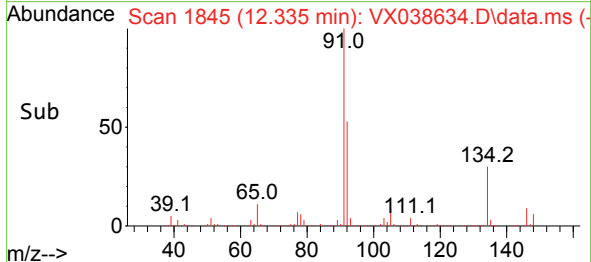
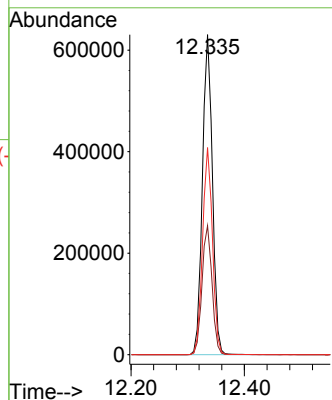
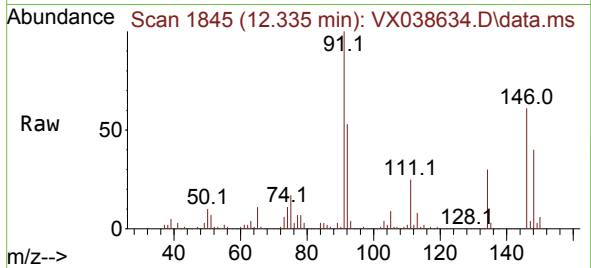




#91  
1,2-Dichlorobenzene  
Concen: 92.420 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

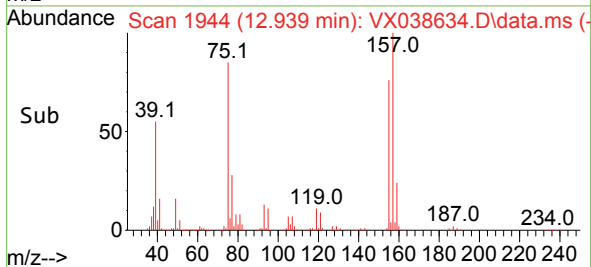
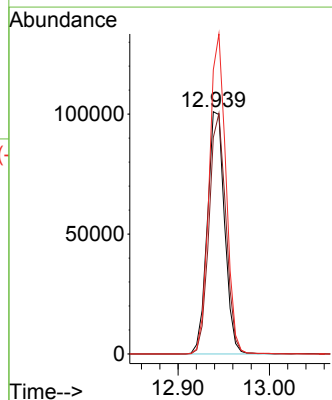
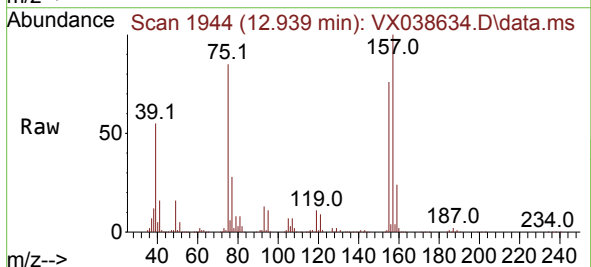
Instrument :  
MSVOA\_X  
ClientSampleId :

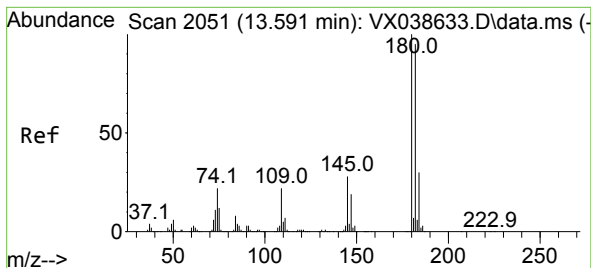
Tgt Ion:146 Resp: 771030  
Ion Ratio Lower Upper  
146 100  
111 40.6 22.4 67.0  
148 64.2 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 93.576 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion: 75 Resp: 132369  
Ion Ratio Lower Upper  
75 100  
155 96.6 36.1 108.5  
157 127.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 92.116 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA\_X

ClientSampleId :

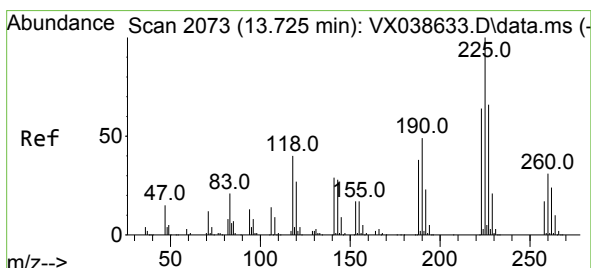
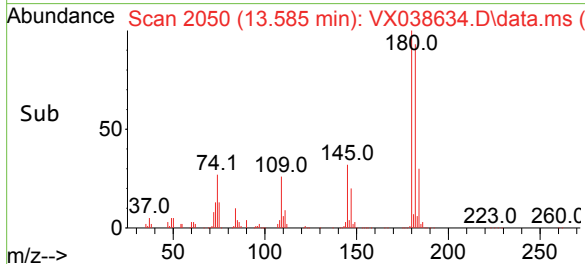
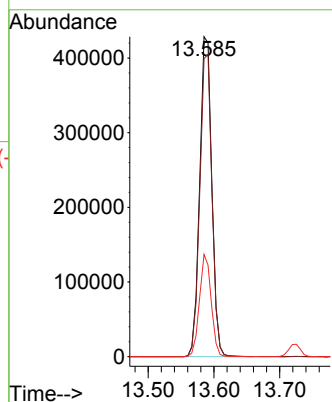
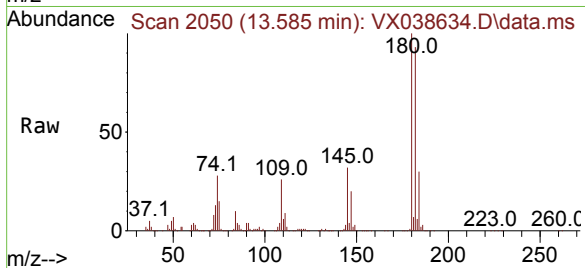
Tgt Ion:180 Resp: 549663

Ion Ratio Lower Upper

180 100

182 94.8 48.3 144.8

145 30.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 90.949 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

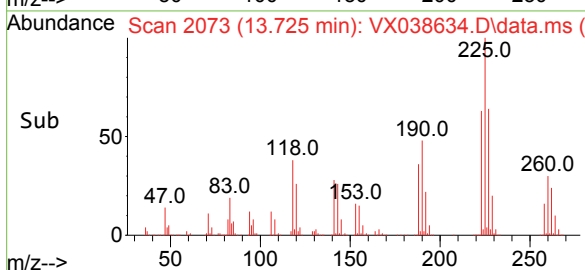
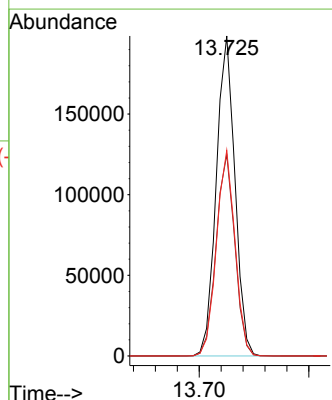
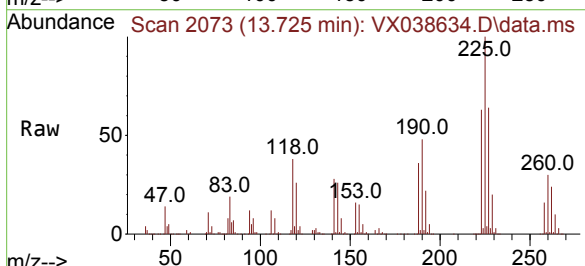
Tgt Ion:225 Resp: 234177

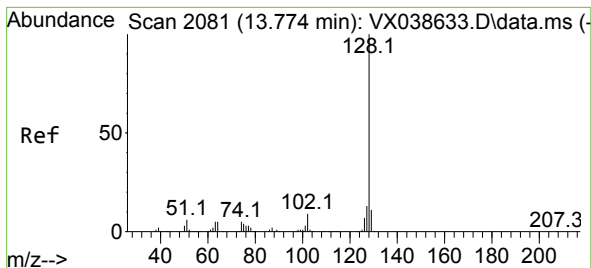
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

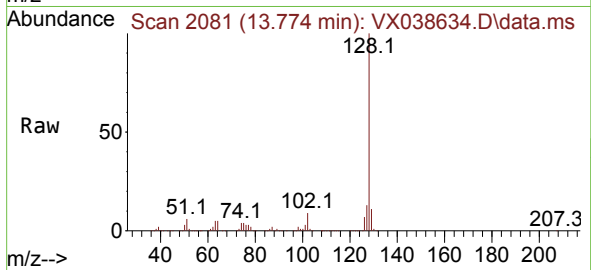
227 63.9 32.5 97.5



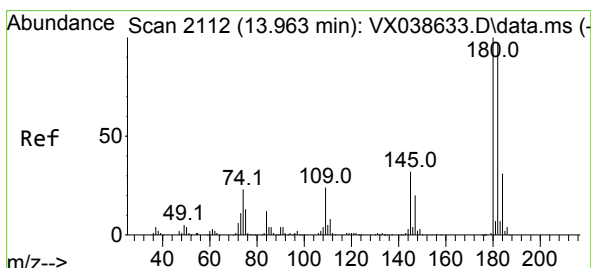
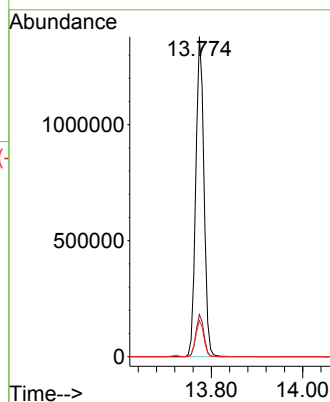
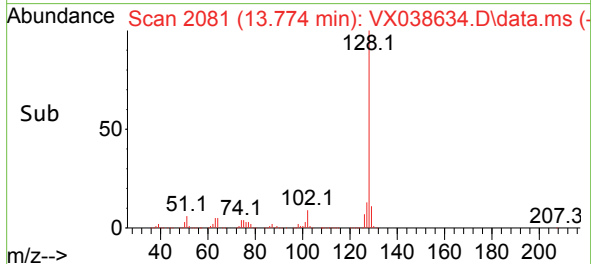


#95  
Naphthalene  
Concen: 95.298 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 1715307  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 11.1 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 91.627 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX038634.D  
Acq: 07 Nov 2023 15:08

Tgt Ion:180 Resp: 538902  
Ion Ratio Lower Upper  
180 100  
182 95.3 46.9 140.6  
145 32.6 17.8 53.5

