

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100623\  
 Data File : VX038150.D  
 Acq On : 07 Oct 2023 01:01  
 Operator : JC/MD  
 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 07 06:34:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X100623W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Oct 07 06:30:32 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 4.904  | 128   | 11019    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763  | 114   | 85998    | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 109820   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 5.958  | 65    | 47172    | 31.336   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 104.467% |          |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 67964    | 29.708   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 99.033%  |          |
| 63) Toluene-d8               | 8.647  | 98    | 130041   | 30.579   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 101.933% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 28731    | 21.667   | ug/l       | 99       |
| 3) Chloromethane             | 1.301  | 50    | 28249    | 21.508   | ug/l       | 92       |
| 4) Vinyl Chloride            | 1.374  | 62    | 32905    | 21.389   | ug/l       | 97       |
| 5) Bromomethane              | 1.605  | 94    | 33963    | 18.245   | ug/l       | 95       |
| 6) Chloroethane              | 1.685  | 64    | 25650    | 19.587   | ug/l       | 97       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 69134    | 21.099   | ug/l       | 97       |
| 8) Diethyl Ether             | 2.130  | 74    | 25139    | 21.031   | ug/l       | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 25594    | 20.450   | ug/l       | 97       |
| 10) 1,1-Dichloroethene       | 2.319  | 96    | 25962    | 21.292   | ug/l       | 95       |
| 11) Methyl Iodide            | 2.453  | 142   | 39012    | 21.470   | ug/l       | 99       |
| 12) Methyl Acetate           | 2.703  | 43    | 83132    | 20.033   | ug/l       | 98       |
| 13) Acrolein                 | 2.233  | 56    | 27625    | 106.192  | ug/l       | 100      |
| 14) Acrylonitrile            | 3.062  | 53    | 103817   | 106.744  | ug/l       | 98       |
| 15) Acetone                  | 2.380  | 58    | 27426    | 105.903  | ug/l       | 95       |
| 16) Carbon Disulfide         | 2.514  | 76    | 68539    | 21.036   | ug/l       | 99       |
| 17) Allyl chloride           | 2.666  | 41    | 42799    | 20.888   | ug/l       | 91       |
| 18) Methylene Chloride       | 2.788  | 84    | 32867    | 20.673   | ug/l       | 97       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 31788    | 20.818   | ug/l       | 95       |
| 20) Diisopropyl ether        | 3.757  | 45    | 96653    | 21.495   | ug/l #     | 84       |
| 21) 1,1-Dichloroethane       | 3.611  | 63    | 56568    | 20.671   | ug/l       | 100      |
| 22) cis-1,2-Dichloroethene   | 4.489  | 96    | 37524    | 20.865   | ug/l       | 96       |
| 23) tert-Butyl Alcohol       | 2.953  | 59    | 45345    | 106.078  | ug/l #     | 1        |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 99223    | 20.729   | ug/l       | 99       |
| 25) Chloroform               | 5.099  | 83    | 63670    | 20.490   | ug/l       | 97       |
| 26) Cyclohexane              | 5.471  | 56    | 47589    | 20.558   | ug/l #     | 98       |
| 29) 1,1-Dichloropropene      | 5.696  | 75    | 46289    | 20.344   | ug/l       | 99       |
| 30) 2-Butanone               | 4.550  | 43    | 149472   | 102.207  | ug/l       | 98       |
| 31) 2,2-Dichloropropane      | 4.477  | 77    | 30846    | 18.352   | ug/l       | 96       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 53545    | 19.695   | ug/l       | 99       |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 45056    | 19.560   | ug/l       | 97       |
| 34) Benzene                  | 6.037  | 78    | 135744   | 20.168   | ug/l       | 98       |
| 35) Methacrylonitrile        | 4.922  | 41    | 27155    | 19.833   | ug/l       | 96       |
| 36) 1,2-Dichloroethane       | 6.086  | 62    | 53699    | 20.565   | ug/l       | 99       |
| 37) Trichloroethene          | 7.129  | 130   | 35549    | 20.054   | ug/l       | 97       |
| 38) Methylcyclohexane        | 7.385  | 83    | 52476    | 19.362   | ug/l       | 96       |
| 39) 1,2-Dichloropropane      | 7.434  | 63    | 33578    | 19.902   | ug/l       | 96       |
| 40) Dibromomethane           | 7.580  | 93    | 26773    | 20.308   | ug/l       | 96       |
| 41) Bromodichloromethane     | 7.824  | 83    | 46361    | 19.616   | ug/l       | 99       |
| 42) Vinyl Acetate            | 3.721  | 43    | 337074   | 104.721  | ug/l       | 100      |

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 Acq On : 07 Oct 2023 01:01  
 Operator : JC/MD  
 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

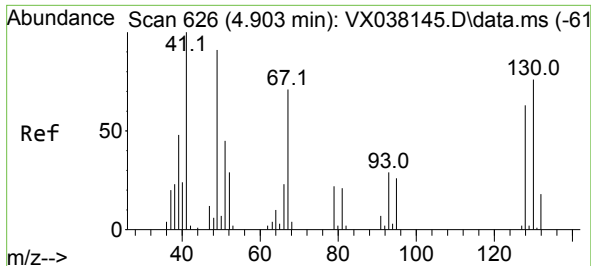
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 07 06:34:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X100623W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Oct 07 06:30:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.715  | 43   | 55516    | 20.749  | ug/l   | 99       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 81359    | 20.203  | ug/l   | 100      |
| 45) 1,4-Dioxane               | 7.659  | 88   | 20291    | 396.488 | ug/l # | 1        |
| 46) Methyl methacrylate       | 7.696  | 41   | 39093    | 19.689  | ug/l   | 97       |
| 47) n-amyl Acetate            | 10.842 | 43   | 70779    | 20.245  | ug/l   | 95       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 46606    | 19.185  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 50103    | 19.453  | ug/l   | 99       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 36303    | 19.504  | ug/l   | 97       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 54157    | 19.428  | ug/l   | 97       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 60137    | 19.868  | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.519  | 129  | 35112    | 19.043  | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 40279    | 19.804  | ug/l   | 97       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 138718   | 98.595  | ug/l   | 100      |
| 56) Bromoform                 | 10.799 | 173  | 25099    | 18.214  | ug/l   | 100      |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 294942   | 107.300 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.427  | 43   | 234108   | 105.933 | ug/l   | 99       |
| 61) Tetrachloroethene         | 9.275  | 164  | 31663    | 21.101  | ug/l   | 96       |
| 62) Toluene                   | 8.720  | 91   | 152251   | 20.808  | ug/l   | 98       |
| 64) Chlorobenzene             | 10.079 | 112  | 95920    | 20.934  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 32755    | 20.507  | ug/l   | 98       |
| 66) Ethyl Benzene             | 10.195 | 91   | 169940   | 20.482  | ug/l   | 97       |
| 67) m/p-Xylenes               | 10.299 | 106  | 133494   | 41.473  | ug/l   | 96       |
| 68) o-Xylene                  | 10.640 | 106  | 64889    | 20.777  | ug/l   | 95       |
| 69) Styrene                   | 10.659 | 104  | 108501   | 20.907  | ug/l   | 99       |
| 70) Isopropylbenzene          | 10.963 | 105  | 169113   | 20.532  | ug/l   | 96       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 63596    | 20.948  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 65971    | 23.894  | ug/l   | 90       |
| 73) Bromobenzene              | 11.195 | 156  | 41378    | 20.288  | ug/l   | 99       |
| 74) n-propylbenzene           | 11.305 | 91   | 207398   | 20.721  | ug/l   | 97       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 121344   | 20.632  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 148021   | 20.565  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 13363    | 17.780  | ug/l   | 95       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 144944   | 20.724  | ug/l   | 98       |
| 79) tert-butylbenzene         | 11.713 | 119  | 140999   | 20.622  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 148155   | 21.082  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 185684   | 20.759  | ug/l   | 97       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 151049   | 20.428  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 82279    | 20.686  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 84133    | 20.774  | ug/l   | 98       |
| 85) n-Butylbenzene            | 12.335 | 91   | 142055   | 20.134  | ug/l   | 98       |
| 86) Hexachloroethane          | 12.536 | 117  | 23764    | 19.441  | ug/l   | 97       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 79193    | 20.541  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 15294    | 21.753  | ug/l   | 95       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 51953    | 20.757  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 19318    | 19.188  | ug/l   | 94       |
| 91) Naphthalene               | 13.774 | 128  | 179674   | 20.961  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 49951    | 20.388  | ug/l   | 99       |

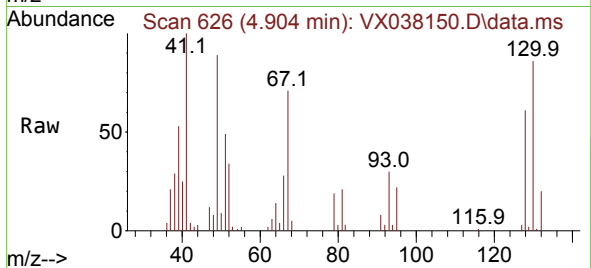
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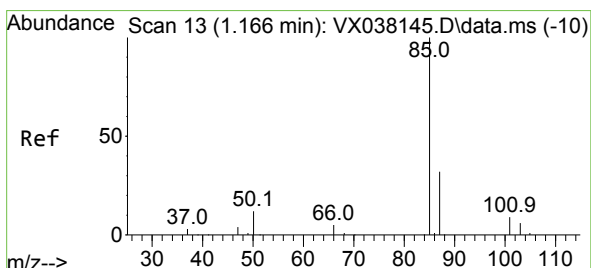
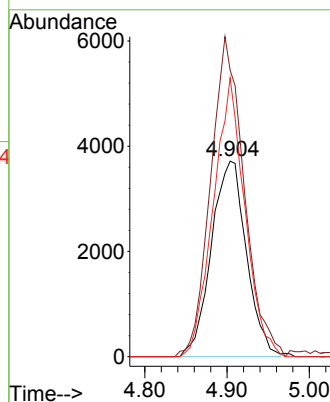
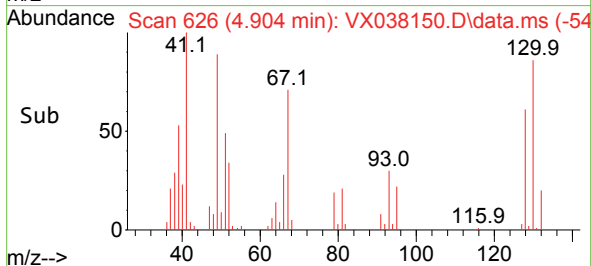


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

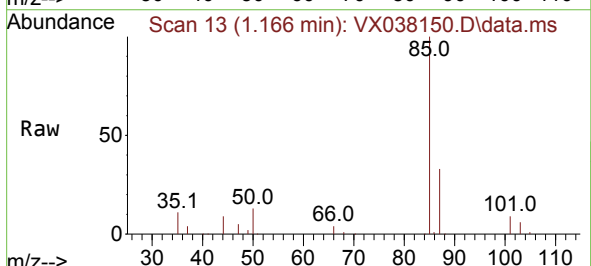
Instrument :  
MSVOA\_X  
ClientSampleId :



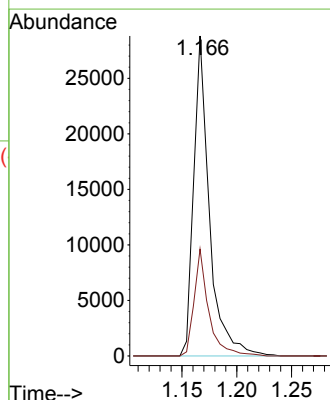
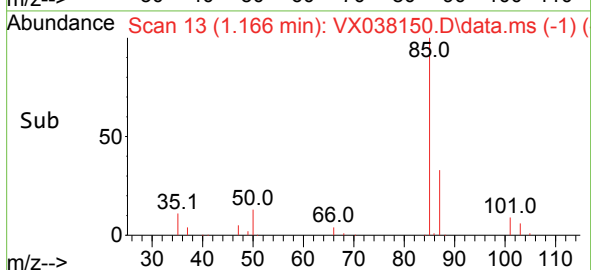
Tgt Ion:128 Resp: 11019  
Ion Ratio Lower Upper  
128 100  
49 156.2 0.0 406.3  
130 128.3 0.0 328.0

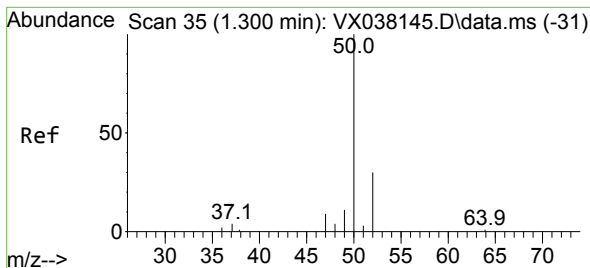


#2  
Dichlorodifluoromethane  
Concen: 21.667 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01



Tgt Ion: 85 Resp: 28731  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.4 49.4





#3

Chloromethane

Concen: 21.508 ug/l

RT: 1.301 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

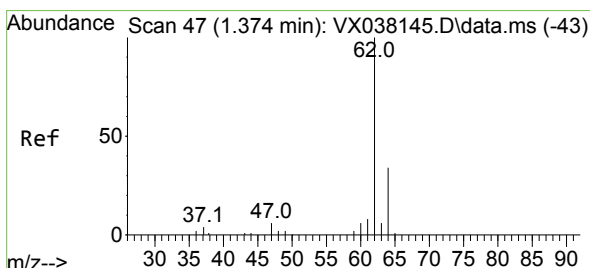
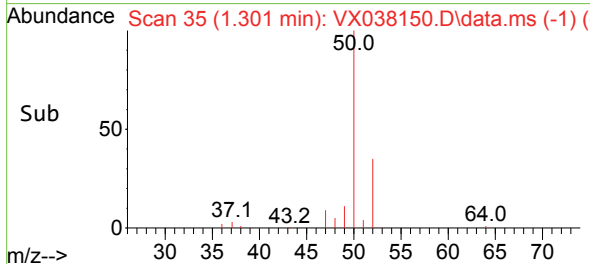
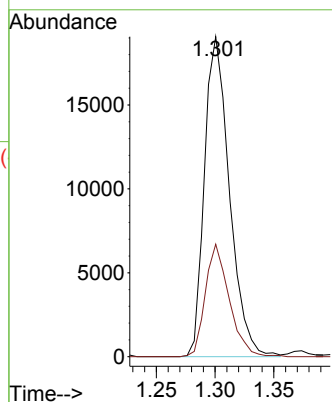
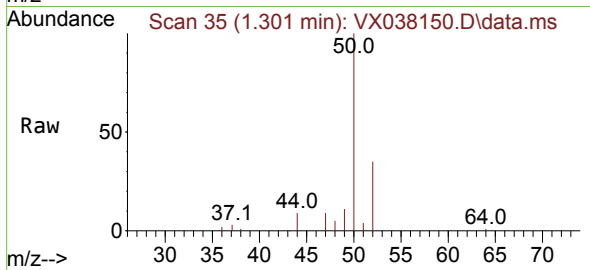
ClientSampleId :

Tgt Ion: 50 Resp: 28249

Ion Ratio Lower Upper

50 100

52 35.1 24.5 36.7



#4

Vinyl Chloride

Concen: 21.389 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038150.D

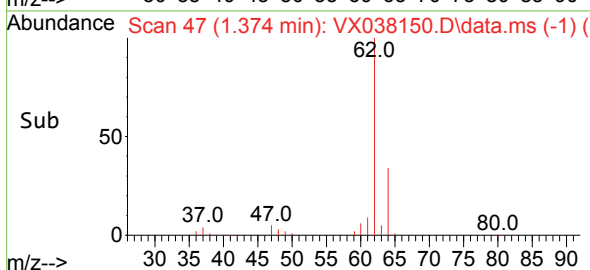
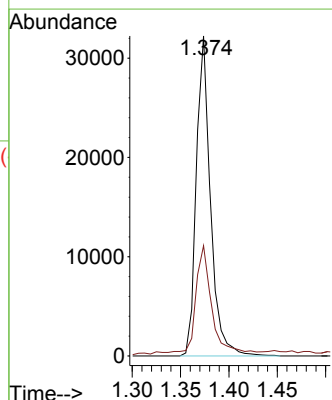
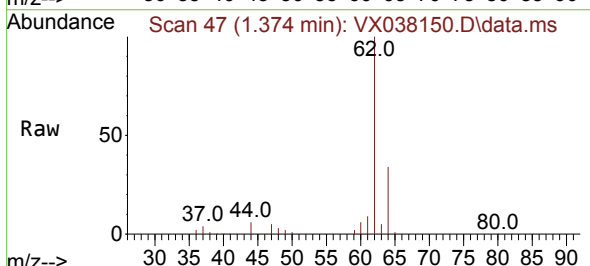
Acq: 07 Oct 2023 01:01

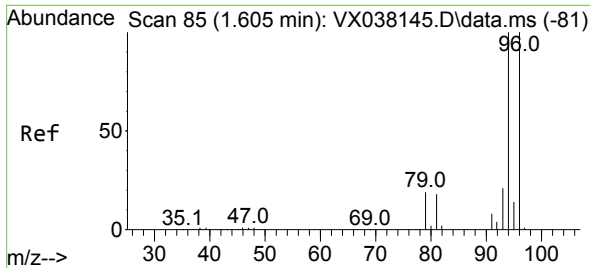
Tgt Ion: 62 Resp: 32905

Ion Ratio Lower Upper

62 100

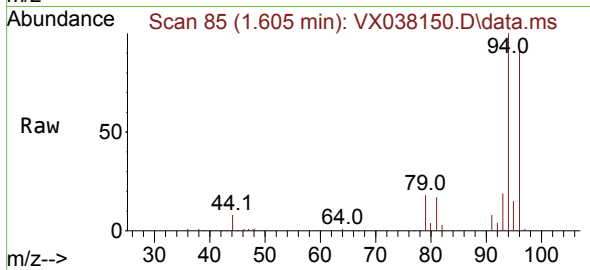
64 33.1 25.3 37.9



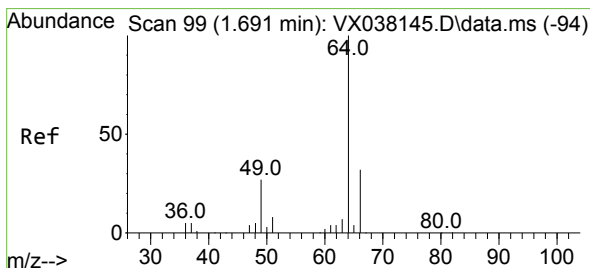
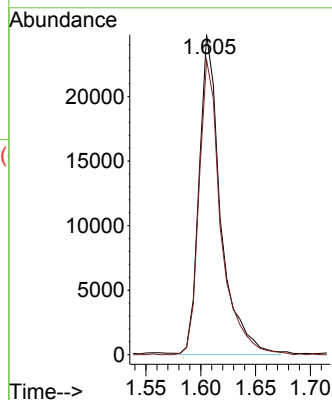


#5  
Bromomethane  
Concen: 18.245 ug/l  
RT: 1.605 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Instrument :  
MSVOA\_X  
ClientSampleId :

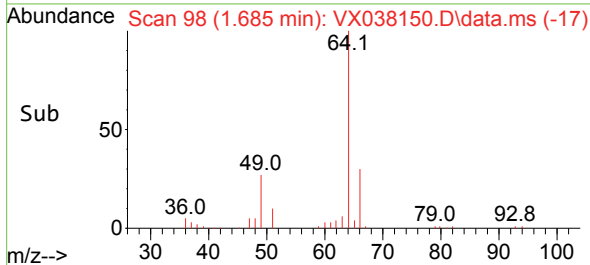
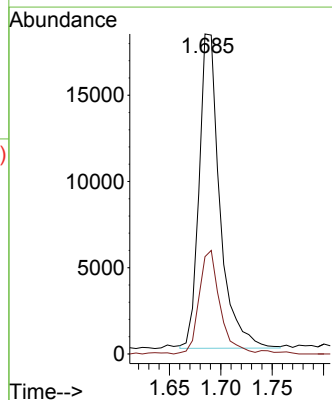
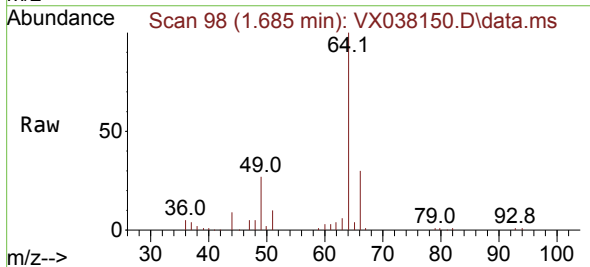


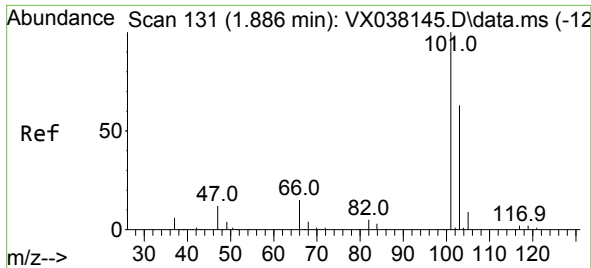
Tgt Ion: 94 Resp: 33963  
Ion Ratio Lower Upper  
94 100  
96 92.1 77.4 116.2



#6  
Chloroethane  
Concen: 19.587 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.006 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

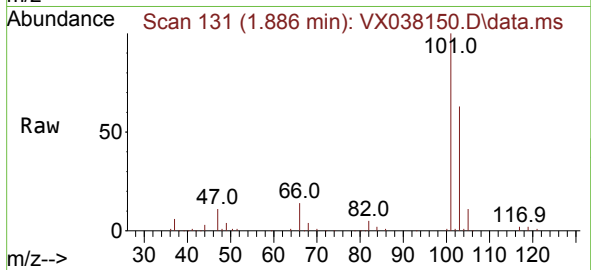
Tgt Ion: 64 Resp: 25650  
Ion Ratio Lower Upper  
64 100  
66 30.7 23.1 34.7



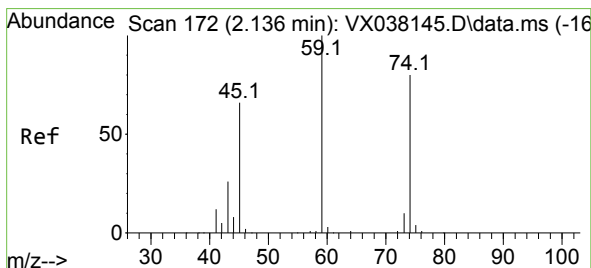
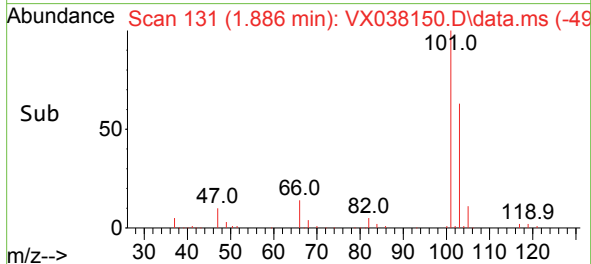
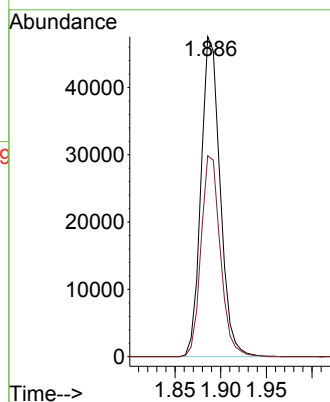


#7  
 Trichlorofluoromethane  
 Concen: 21.099 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :

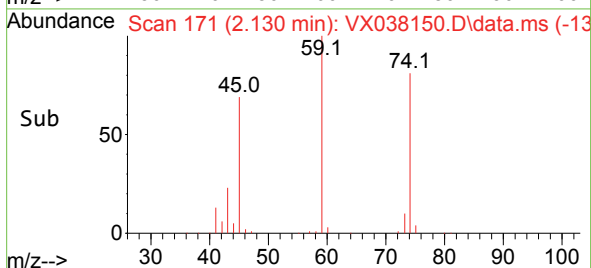
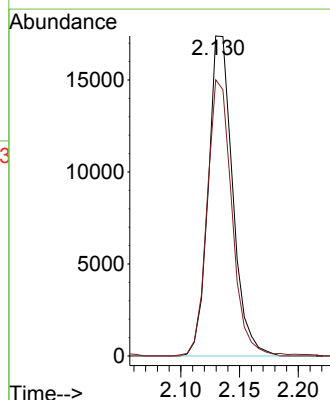
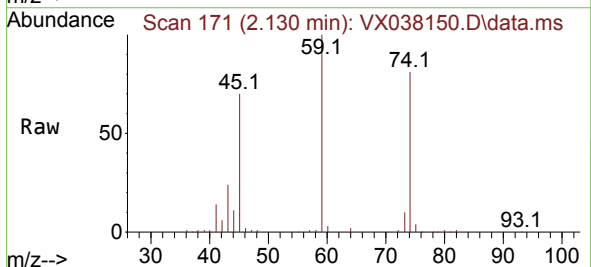


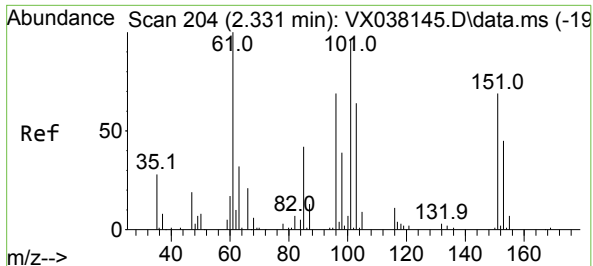
Tgt Ion:101 Resp: 69134  
 Ion Ratio Lower Upper  
 101 100  
 103 62.8 52.2 78.2



#8  
 Diethyl Ether  
 Concen: 21.031 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01

Tgt Ion: 74 Resp: 25139  
 Ion Ratio Lower Upper  
 74 100  
 45 87.6 19.9 178.9

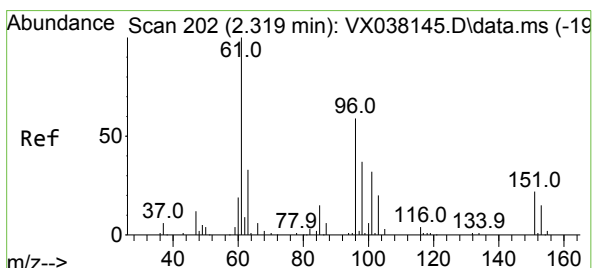
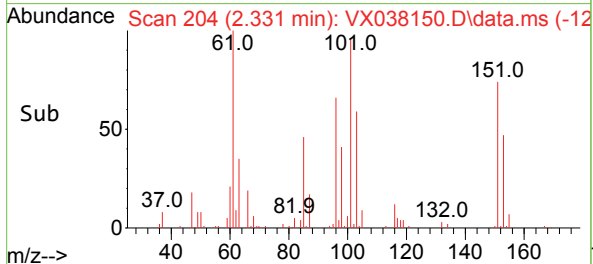
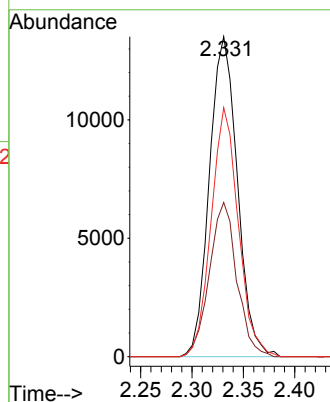
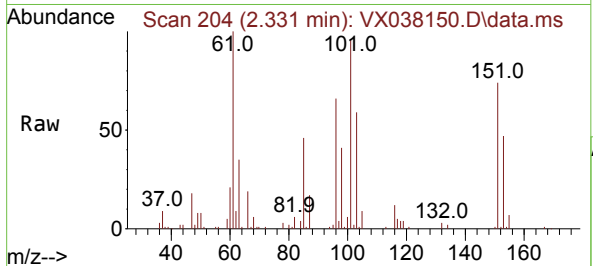




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 20.450 ug/l  
 RT: 2.331 min Scan# 204  
 Delta R.T. 0.000 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01

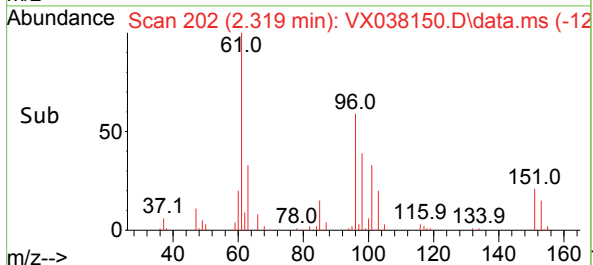
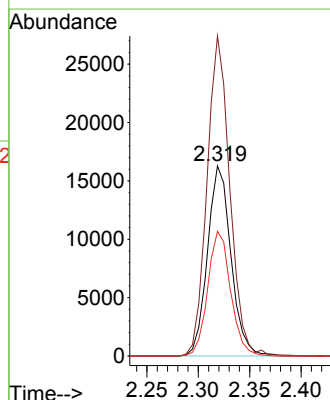
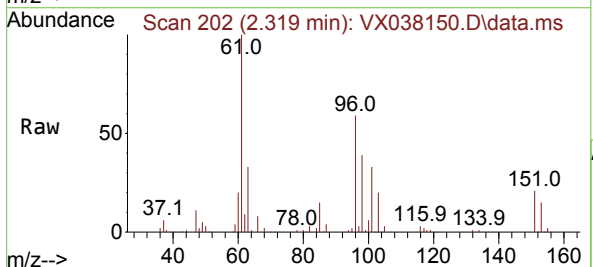
Instrument :  
 MSVOA\_X  
 ClientSampleId :

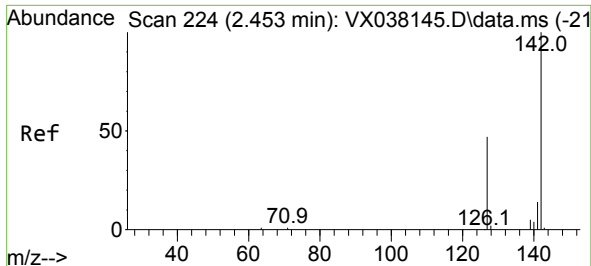
Tgt Ion:101 Resp: 25594  
 Ion Ratio Lower Upper  
 101 100  
 85 47.3 0.0 91.0  
 151 75.6 0.0 155.4



#10  
 1,1-Dichloroethene  
 Concen: 21.292 ug/l  
 RT: 2.319 min Scan# 202  
 Delta R.T. 0.000 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01

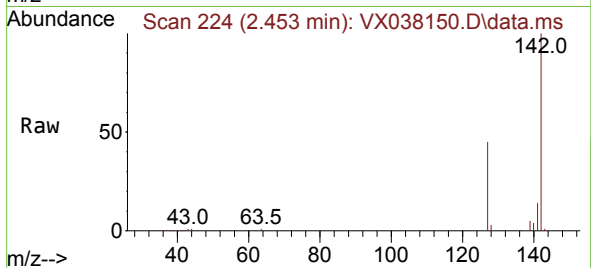
Tgt Ion: 96 Resp: 25962  
 Ion Ratio Lower Upper  
 96 100  
 61 168.3 127.2 190.8  
 98 65.6 52.7 79.1



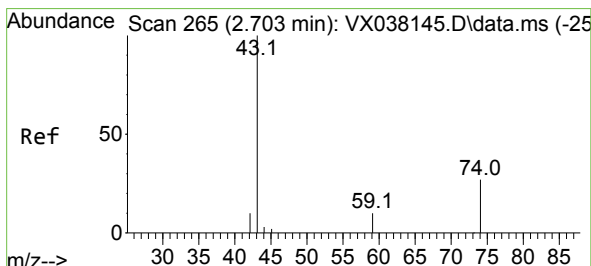
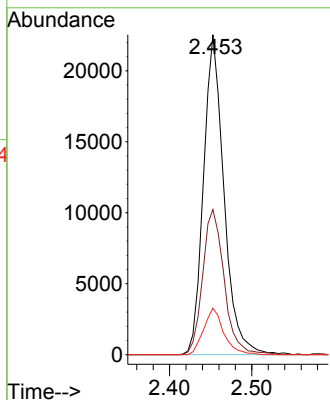
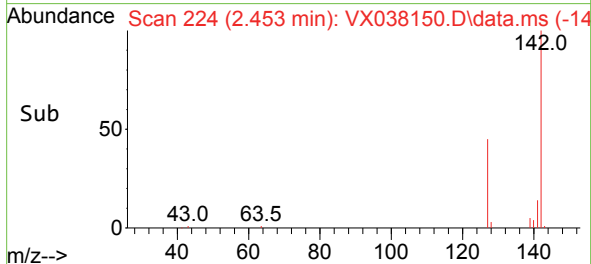


#11  
Methyl Iodide  
Concen: 21.470 ug/l  
RT: 2.453 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Instrument :  
MSVOA\_X  
ClientSampleId :

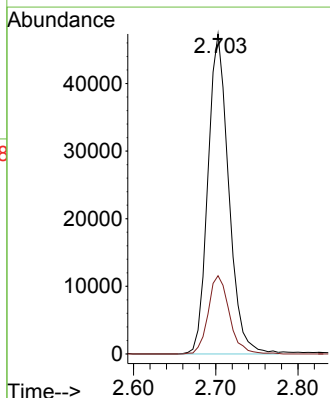
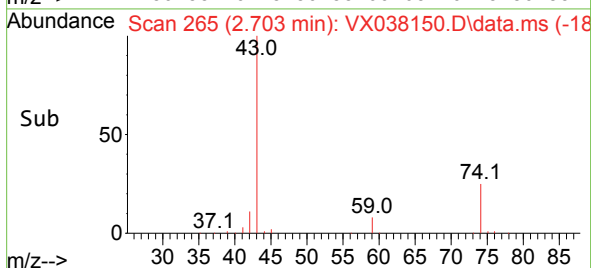
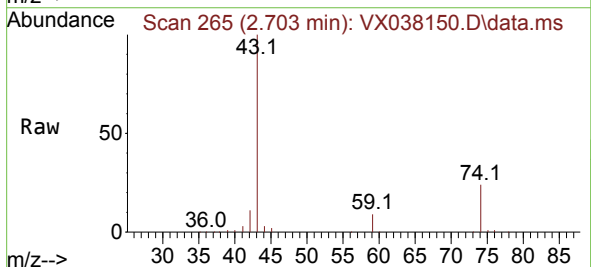


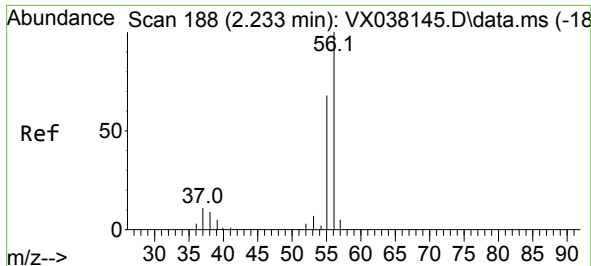
Tgt Ion:142 Resp: 39012  
Ion Ratio Lower Upper  
142 100  
127 45.4 22.9 68.8  
141 14.5 7.5 22.6



#12  
Methyl Acetate  
Concen: 20.033 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 43 Resp: 83132  
Ion Ratio Lower Upper  
43 100  
74 24.5 20.3 30.5

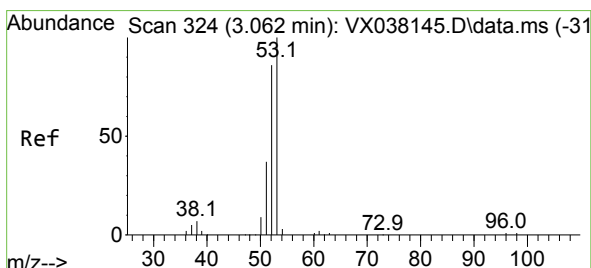
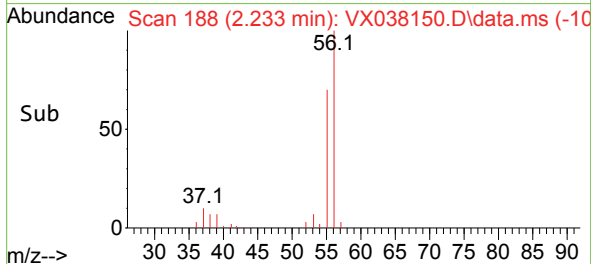
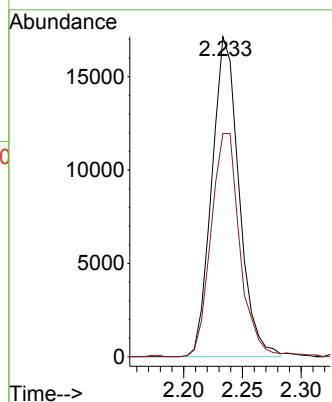
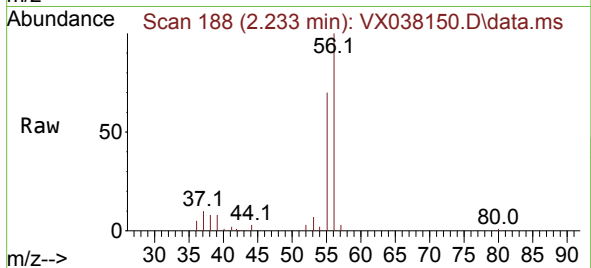




#13  
Acrolein  
Concen: 106.192 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

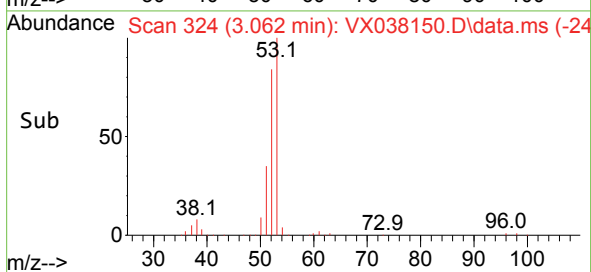
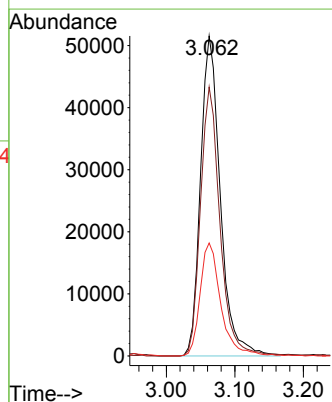
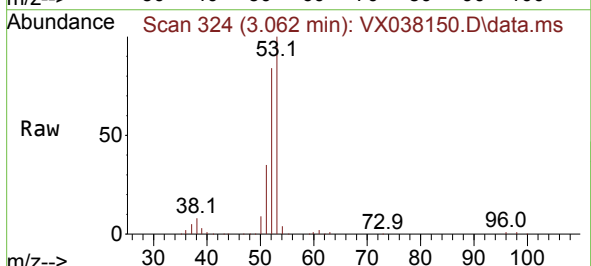
Instrument :  
MSVOA\_X  
ClientSampleId :

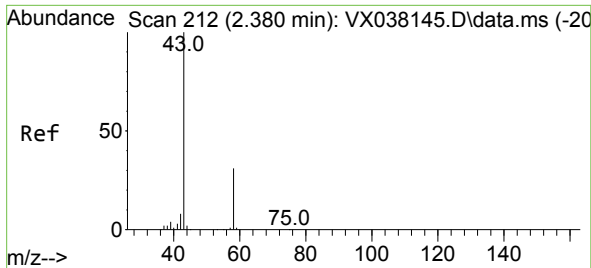
Tgt Ion: 56 Resp: 27625  
Ion Ratio Lower Upper  
56 100  
55 74.3 59.7 89.5



#14  
Acrylonitrile  
Concen: 106.744 ug/l  
RT: 3.062 min Scan# 324  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 53 Resp: 103817  
Ion Ratio Lower Upper  
53 100  
52 82.9 40.0 119.9  
51 36.7 18.2 54.6

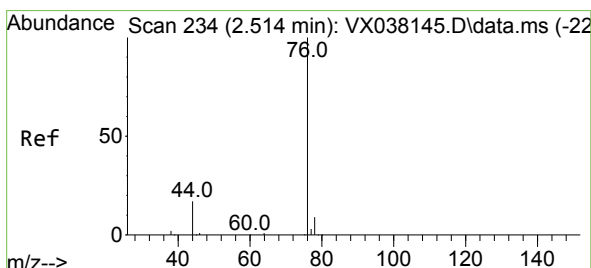
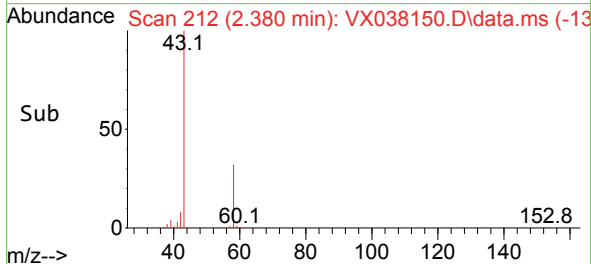
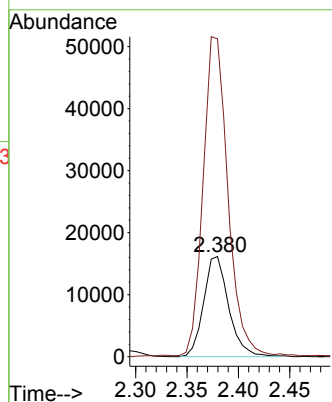
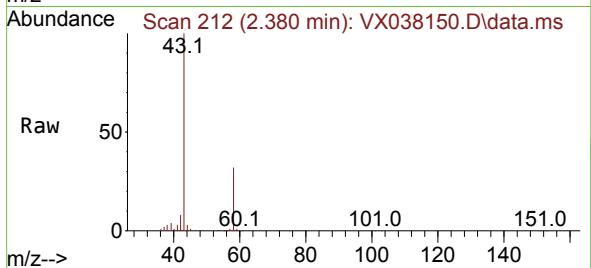




#15  
Acetone  
Concen: 105.903 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

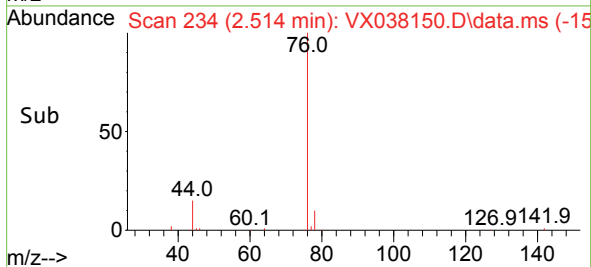
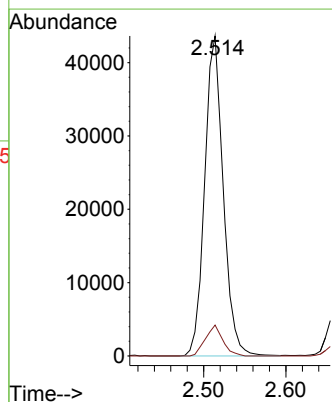
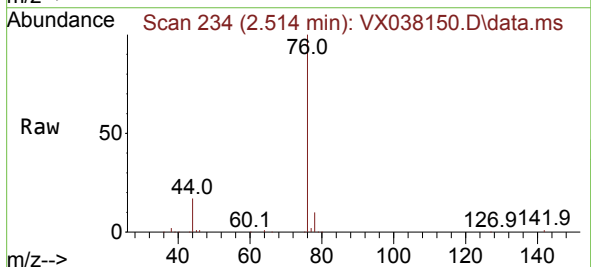
Instrument :  
MSVOA\_X  
ClientSampleId :

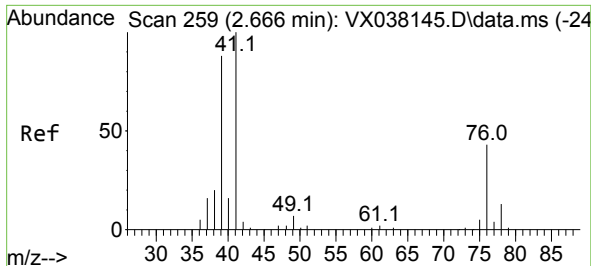
Tgt Ion: 58 Resp: 27426  
Ion Ratio Lower Upper  
58 100  
43 315.9 261.0 391.4



#16  
Carbon Disulfide  
Concen: 21.036 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 76 Resp: 68539  
Ion Ratio Lower Upper  
76 100  
78 9.7 8.0 12.0

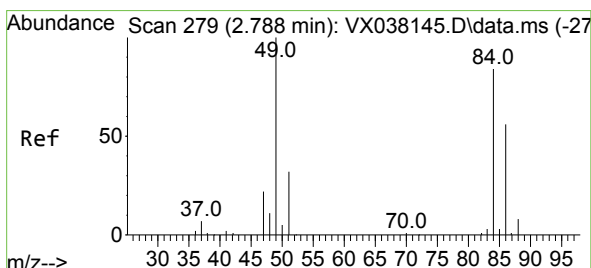
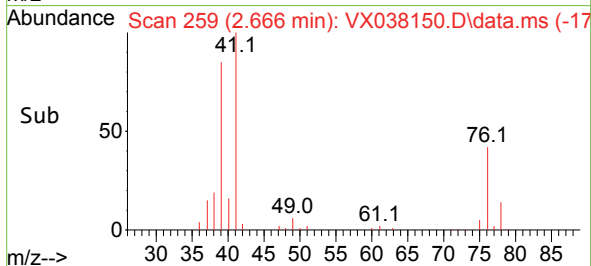
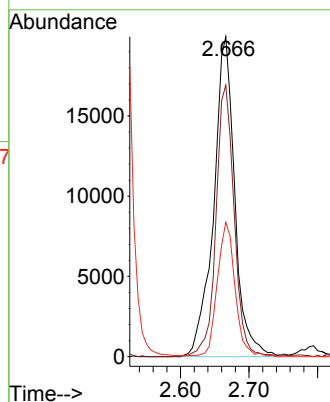
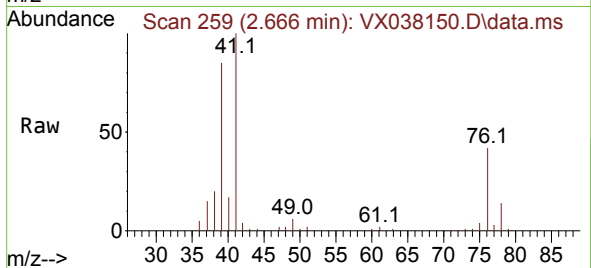




#17  
 Allyl chloride  
 Concen: 20.888 ug/l  
 RT: 2.666 min Scan# 259  
 Delta R.T. 0.000 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01

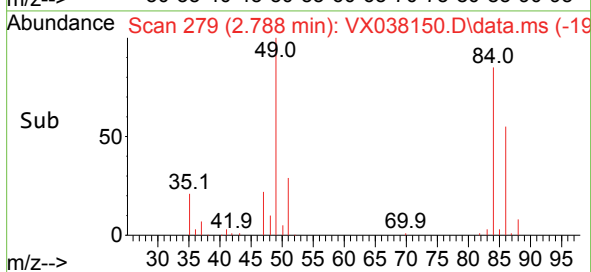
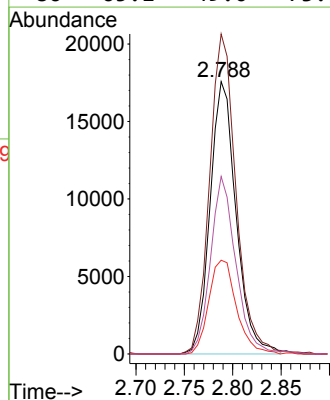
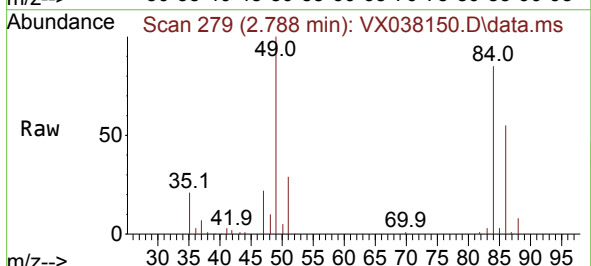
Instrument :  
 MSVOA\_X  
 ClientSampleId :

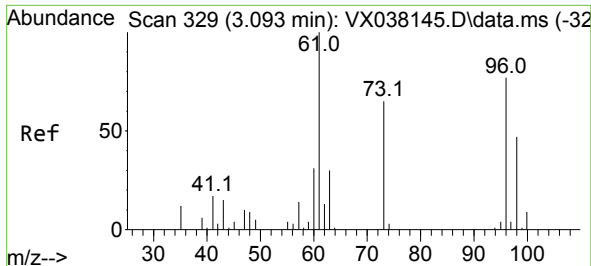
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 42799 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 84.8  | 38.5  | 115.3 |
| 76       | 42.0  | 18.6  | 55.8  |



#18  
 Methylene Chloride  
 Concen: 20.673 ug/l  
 RT: 2.788 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 32867 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 117.5 | 95.4  | 143.0 |
| 51       | 34.4  | 28.3  | 42.5  |
| 86       | 65.1  | 49.0  | 73.6  |

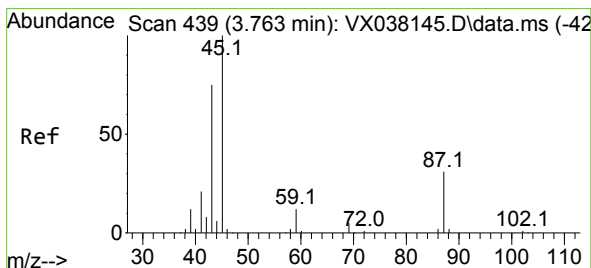
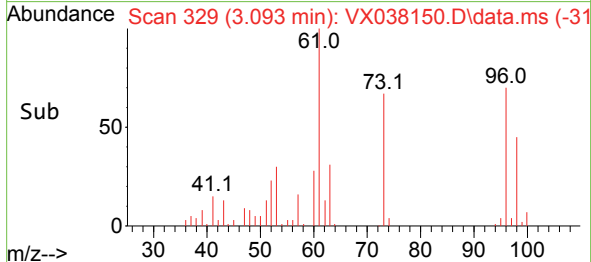
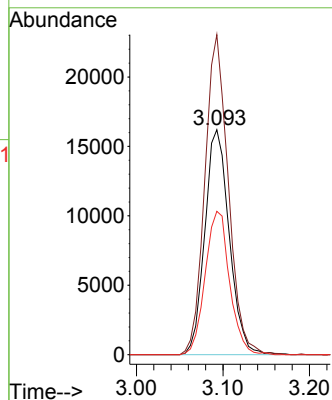
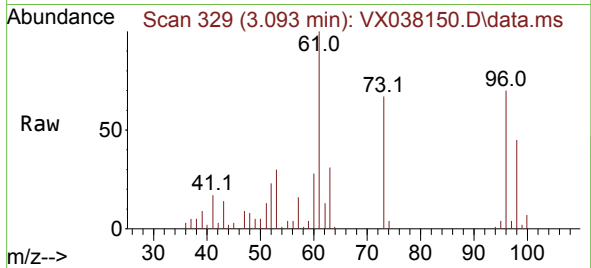




#19  
trans-1,2-Dichloroethene  
Concen: 20.818 ug/l  
RT: 3.093 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

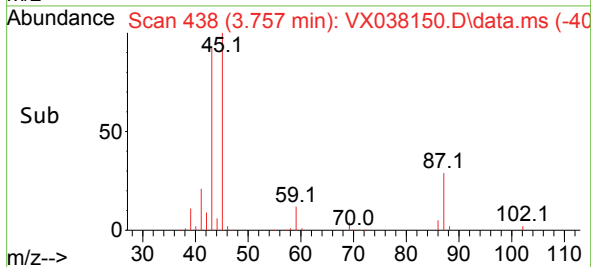
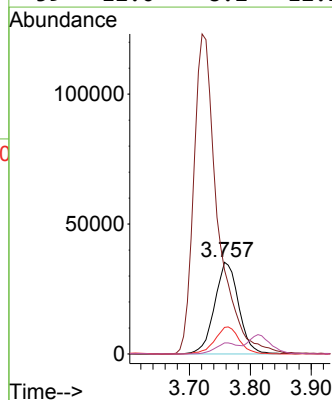
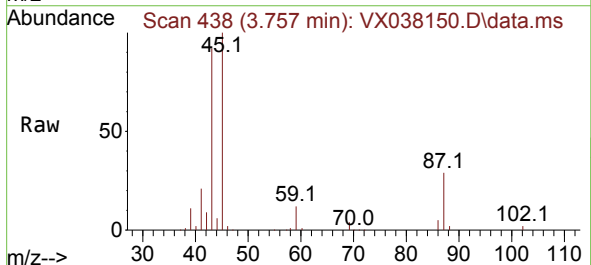
Instrument :  
MSVOA\_X  
ClientSampleId :

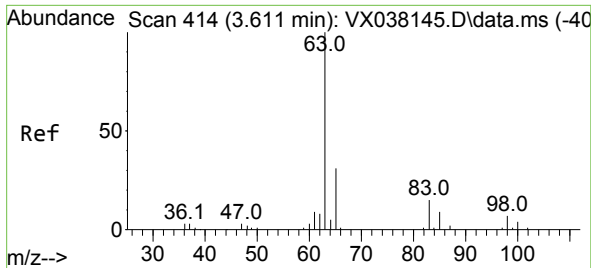
Tgt Ion: 96 Resp: 31788  
Ion Ratio Lower Upper  
96 100  
61 142.3 108.7 163.1  
98 63.8 49.1 73.7



#20  
Diisopropyl ether  
Concen: 21.495 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 45 Resp: 96653  
Ion Ratio Lower Upper  
45 100  
43 89.0 55.8 83.6#  
87 29.0 23.0 34.4  
59 12.0 8.2 12.2





#21

1,1-Dichloroethane

Concen: 20.671 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX038150.D

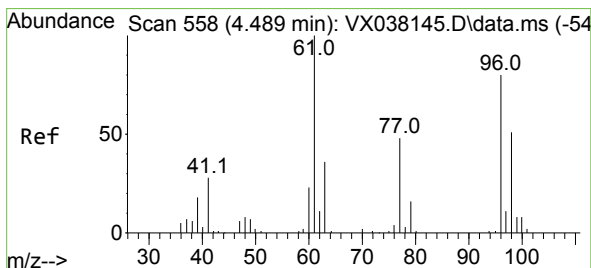
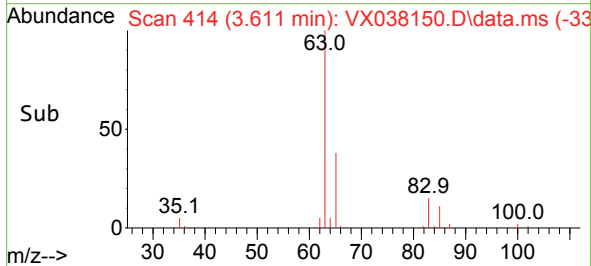
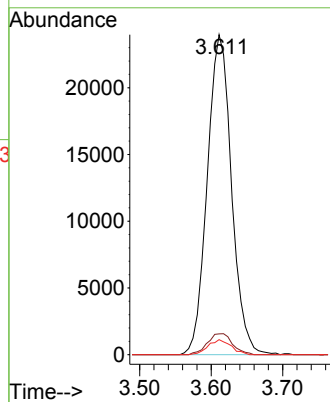
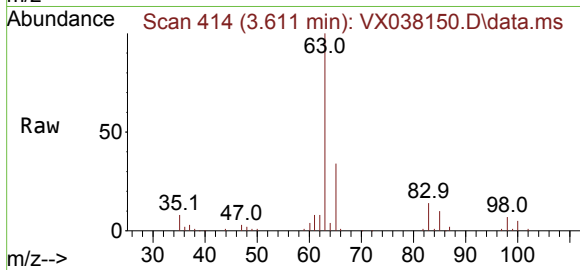
Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 56568 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 6.5   | 3.2   | 9.6   |
| 100       | 4.7   | 2.3   | 6.8   |



#22

cis-1,2-Dichloroethene

Concen: 20.865 ug/l

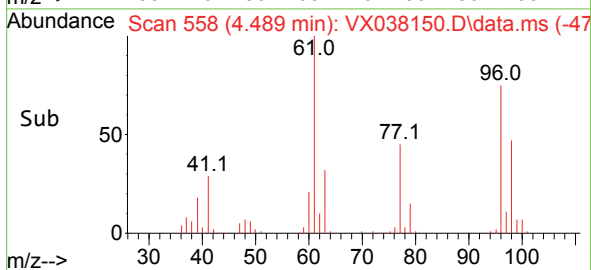
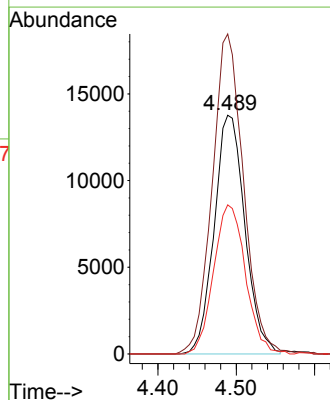
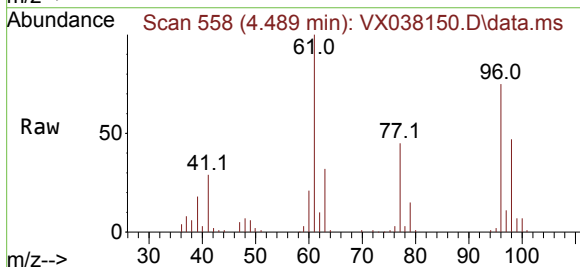
RT: 4.489 min Scan# 558

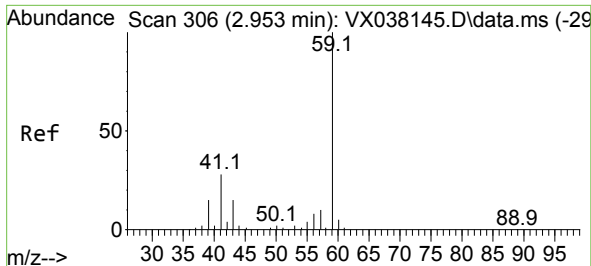
Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 37524 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 136.3 | 114.0 | 171.0 |
| 98        | 64.7  | 51.6  | 77.4  |

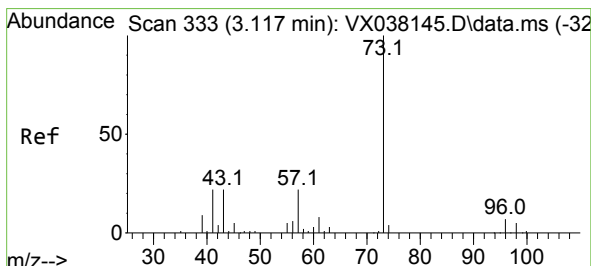
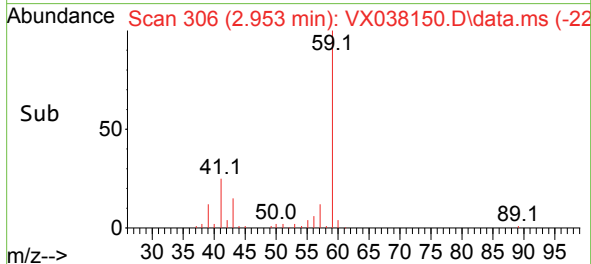
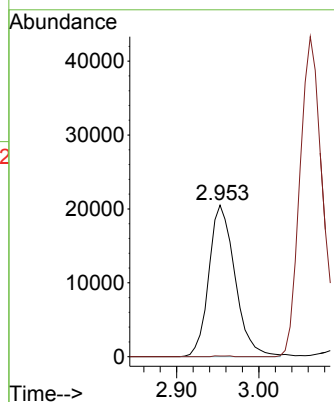
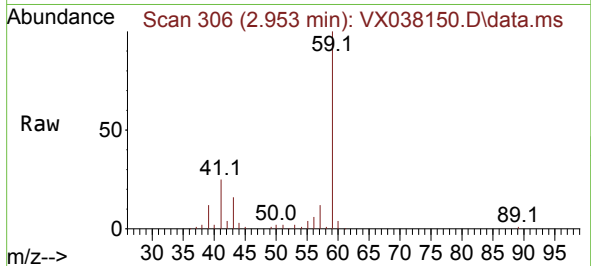




#23  
tert-Butyl Alcohol  
Concen: 106.078 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

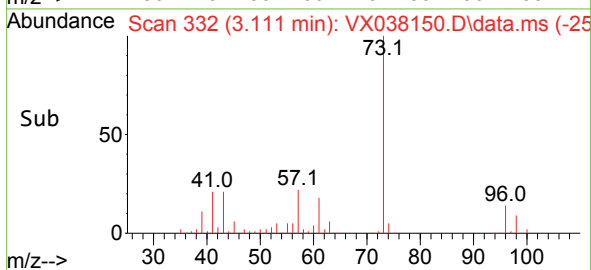
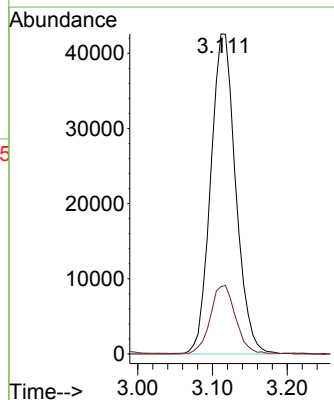
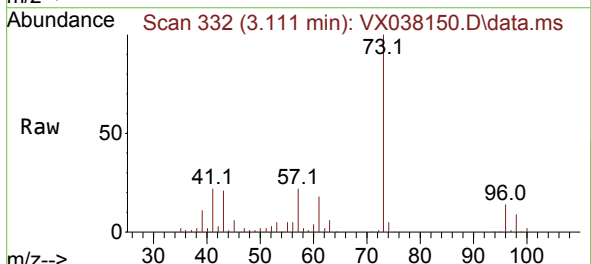
Instrument :  
MSVOA\_X  
ClientSampleId :

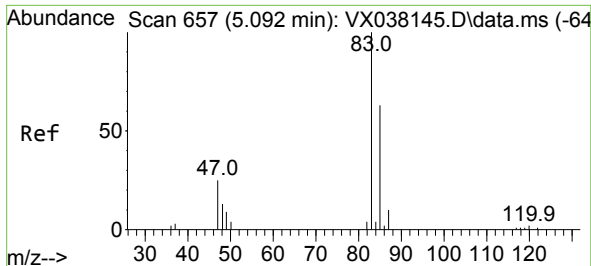
Tgt Ion: 59 Resp: 45345  
Ion Ratio Lower Upper  
59 100  
52 0.2 142.6 213.8#



#24  
Methyl tert-Butyl Ether  
Concen: 20.729 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.006 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 73 Resp: 99223  
Ion Ratio Lower Upper  
73 100  
43 21.6 16.8 25.2

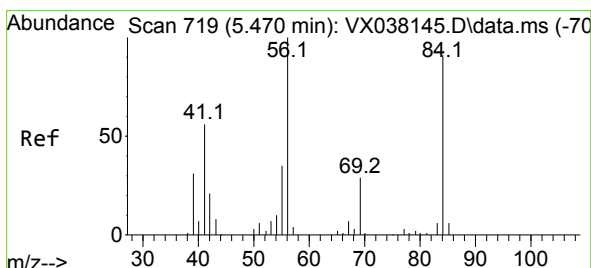
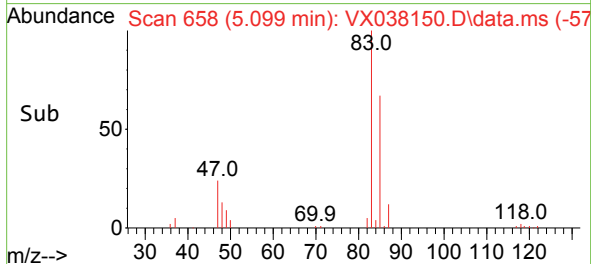
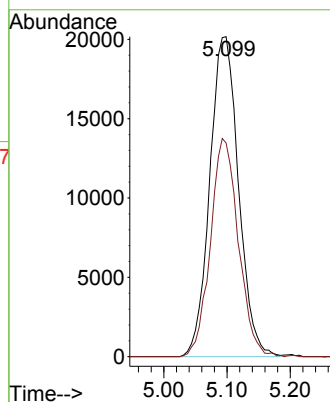
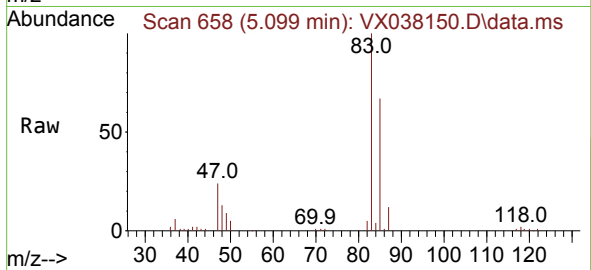




#25  
Chloroform  
Concen: 20.490 ug/l  
RT: 5.099 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

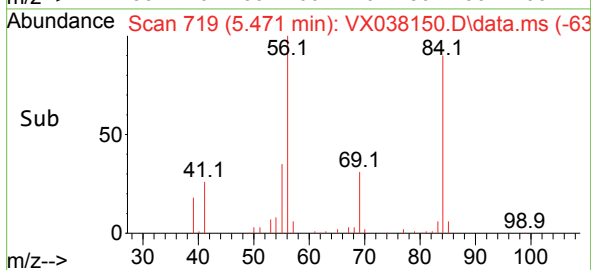
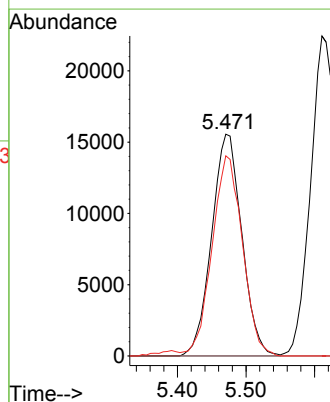
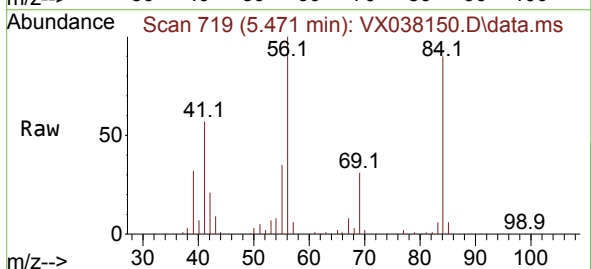
Instrument :  
MSVOA\_X  
ClientSampleId :

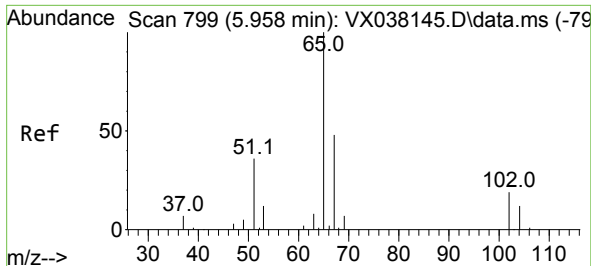
Tgt Ion: 83 Resp: 63670  
Ion Ratio Lower Upper  
83 100  
85 66.7 51.5 77.3



#26  
Cyclohexane  
Concen: 20.558 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 56 Resp: 47589  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 90.8 71.4 107.2





#27

1,2-Dichloroethane-d4

Concen: 31.336 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

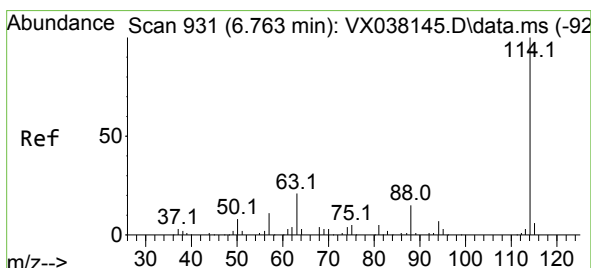
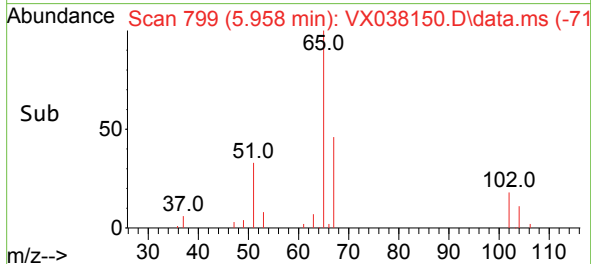
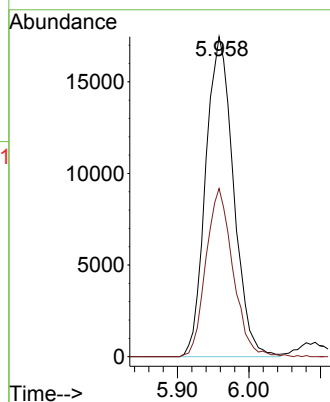
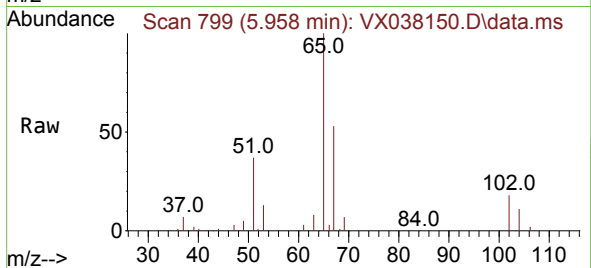
ClientSampleId :

Tgt Ion: 65 Resp: 47172

Ion Ratio Lower Upper

65 100

67 50.9 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

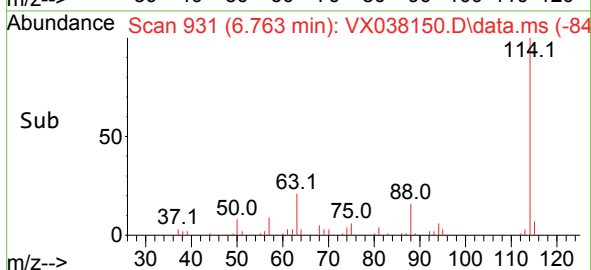
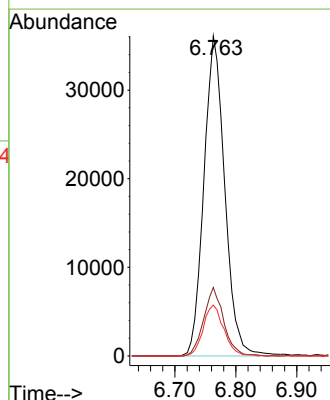
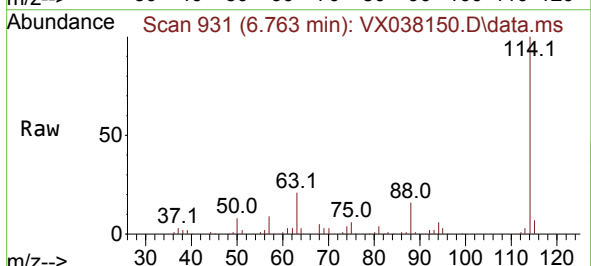
Tgt Ion: 114 Resp: 85998

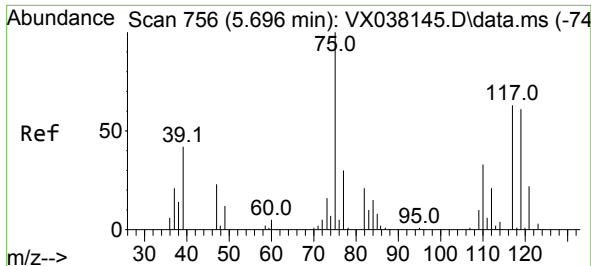
Ion Ratio Lower Upper

114 100

63 20.5 16.6 24.8

88 15.6 12.9 19.3





#29

1,1-Dichloropropene

Concen: 20.344 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

ClientSampleId :

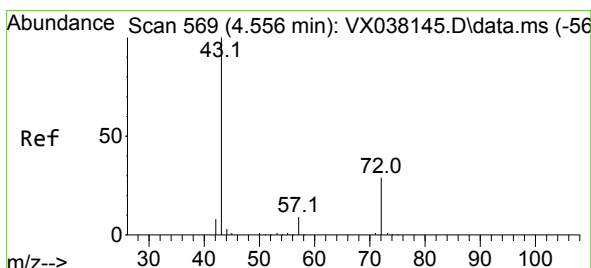
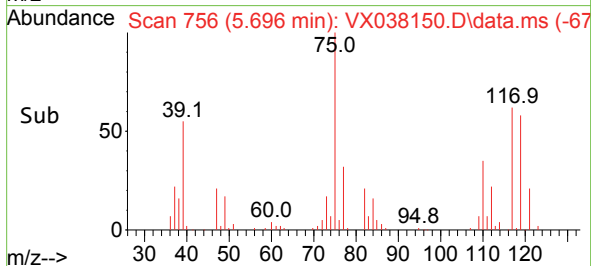
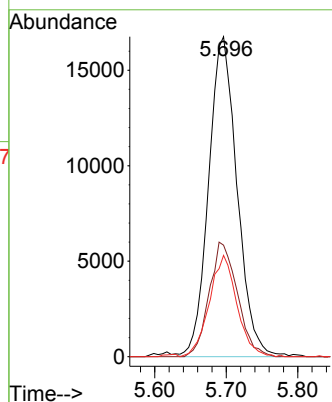
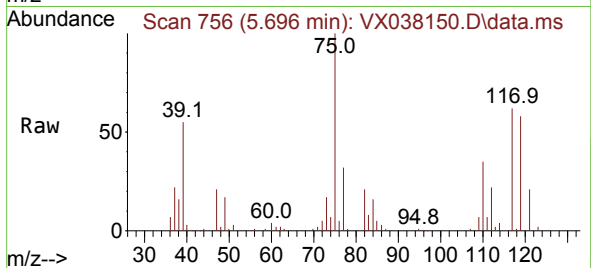
Tgt Ion: 75 Resp: 46289

Ion Ratio Lower Upper

75 100

110 35.5 0.0 70.4

77 30.7 0.0 62.8



#30

2-Butanone

Concen: 102.207 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.006 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

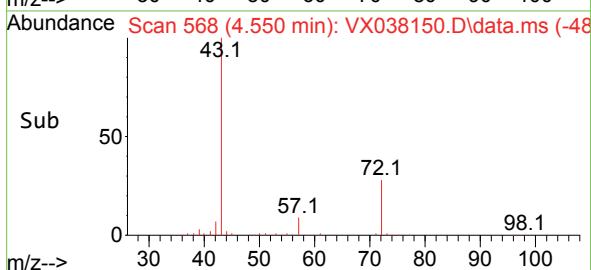
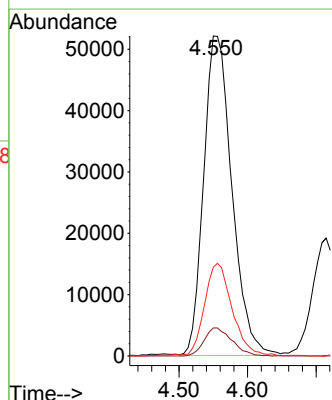
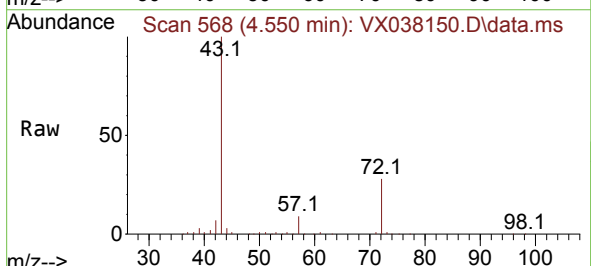
Tgt Ion: 43 Resp: 149472

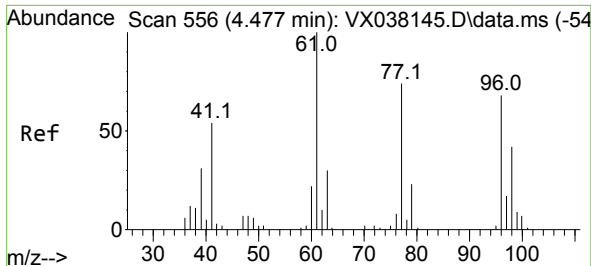
Ion Ratio Lower Upper

43 100

57 8.7 6.4 9.6

72 28.0 21.6 32.4





#31

2,2-Dichloropropane

Concen: 18.352 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

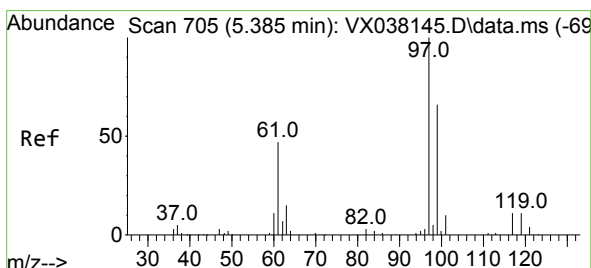
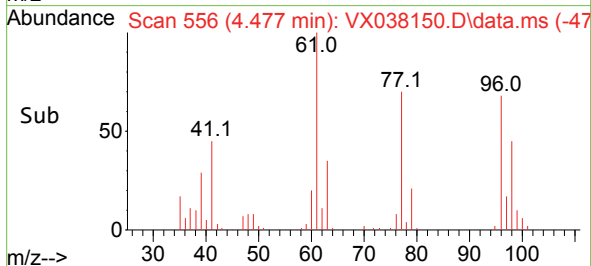
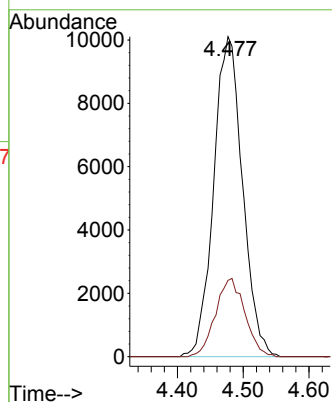
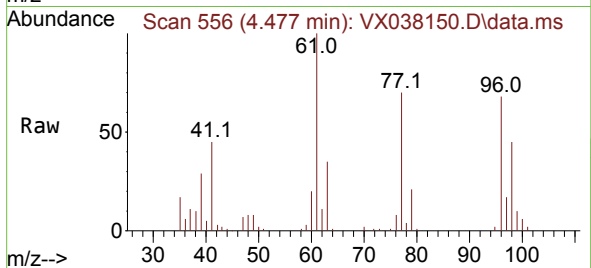
ClientSampleId :

Tgt Ion: 77 Resp: 30846

Ion Ratio Lower Upper

77 100

97 24.9 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 19.695 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

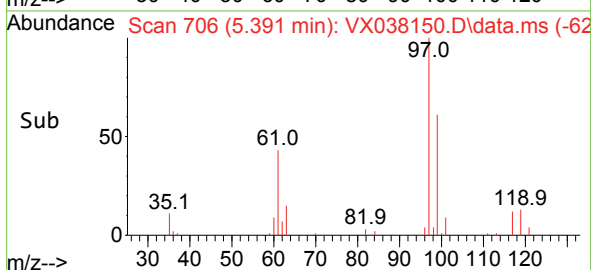
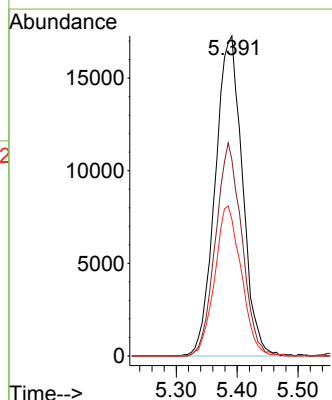
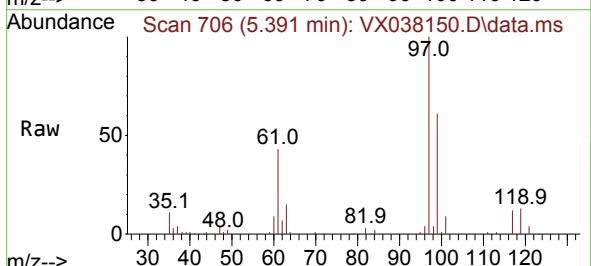
Tgt Ion: 97 Resp: 53545

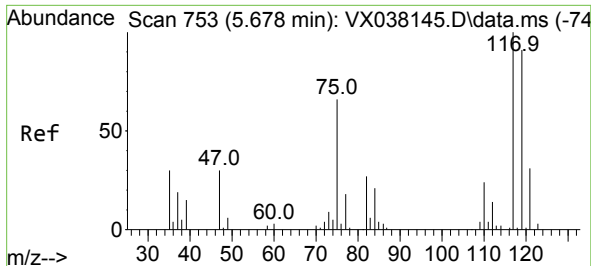
Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

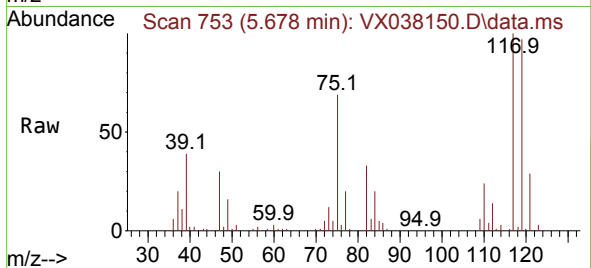
61 45.7 35.8 53.8



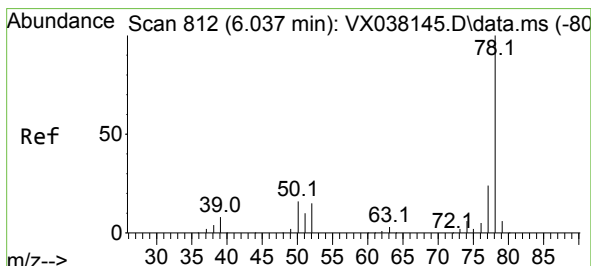
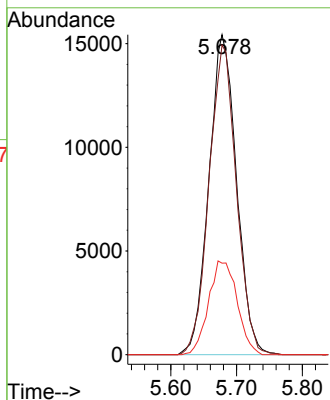
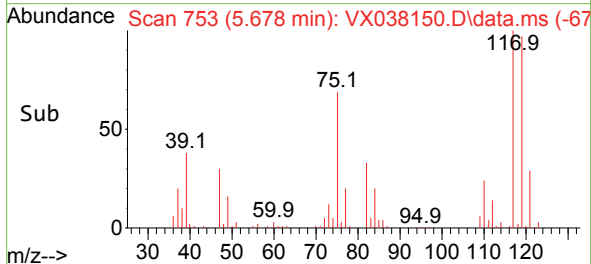


#33  
Carbon Tetrachloride  
Concen: 19.560 ug/l  
RT: 5.678 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Instrument :  
MSVOA\_X  
ClientSampleId :

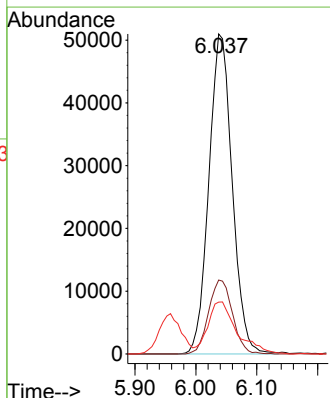
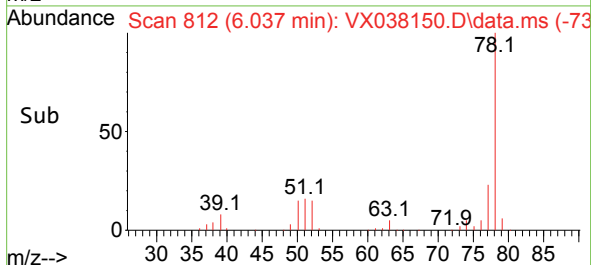
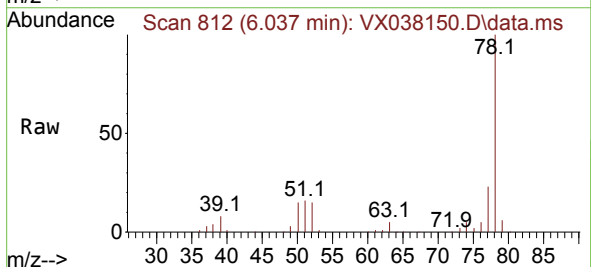


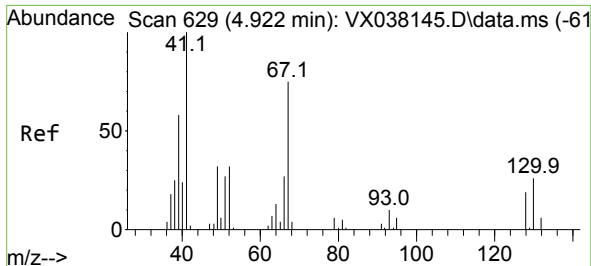
Tgt Ion:117 Resp: 45056  
Ion Ratio Lower Upper  
117 100  
119 96.7 76.6 115.0  
121 28.6 26.5 39.7



#34  
Benzene  
Concen: 20.168 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 78 Resp: 135744  
Ion Ratio Lower Upper  
78 100  
77 23.1 18.7 28.1  
51 15.9 14.2 21.4

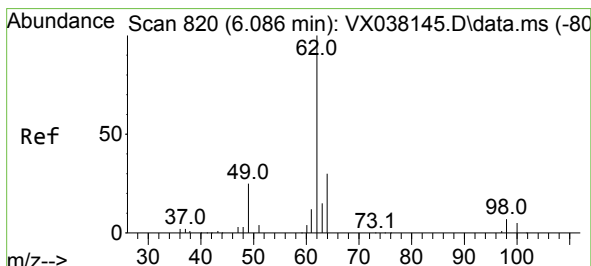
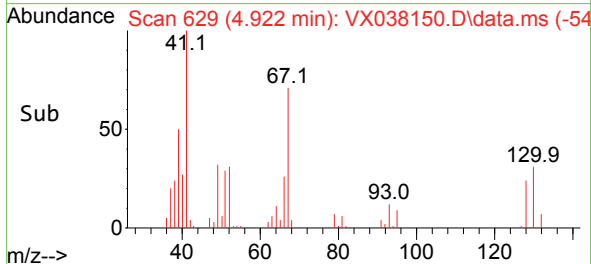
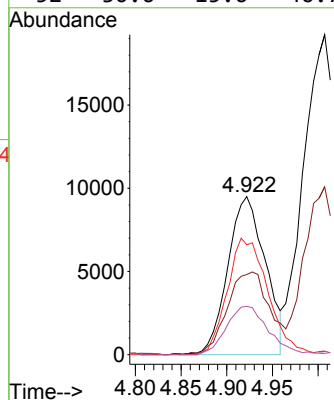
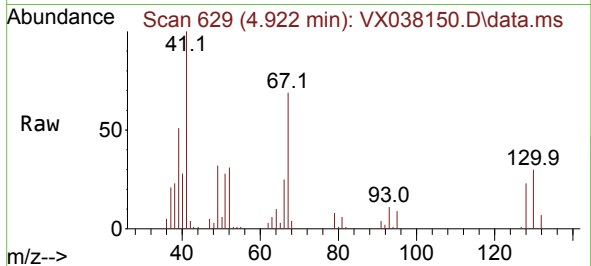




#35  
Methacrylonitrile  
Concen: 19.833 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

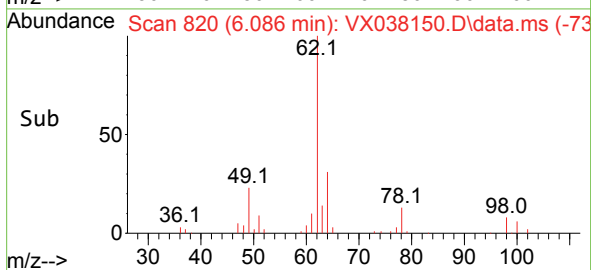
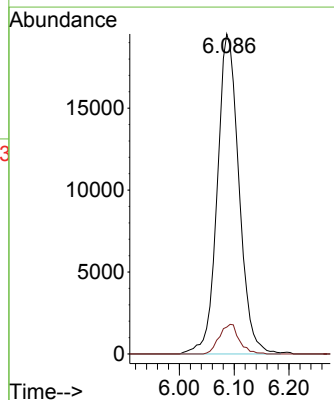
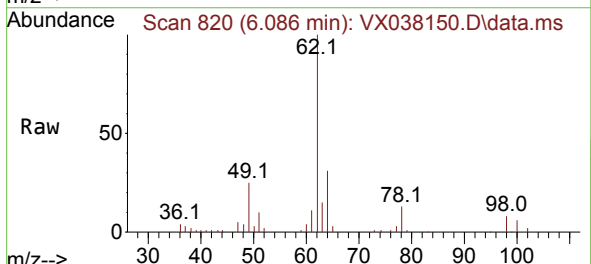
Instrument :  
MSVOA\_X  
ClientSampleId :

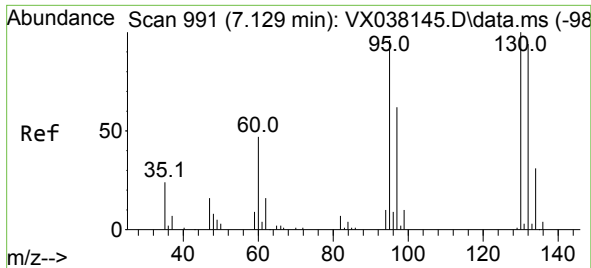
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 27155 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 50.0     | 28.2 84.7   |
| 67 69.5     | 35.0 105.1  |
| 52 30.6     | 15.6 46.7   |



#36  
1,2-Dichloroethane  
Concen: 20.565 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 53699 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.5      | 7.0 10.6    |





#37

Trichloroethene

Concen: 20.054 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

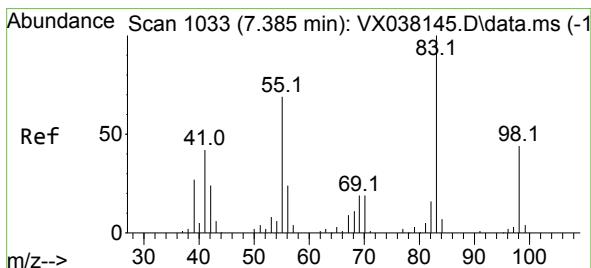
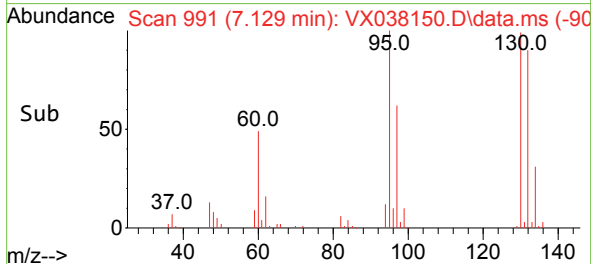
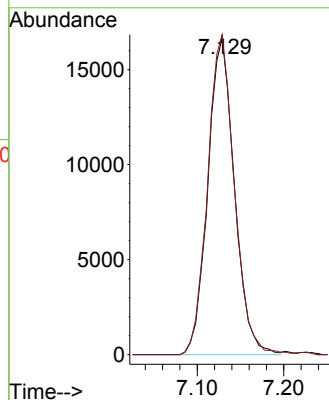
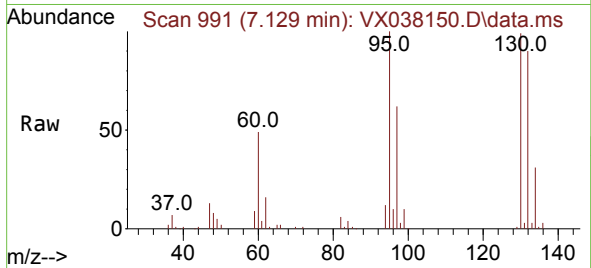
ClientSampleId :

Tgt Ion:130 Resp: 35549

Ion Ratio Lower Upper

130 100

95 101.0 83.2 124.8



#38

Methylcyclohexane

Concen: 19.362 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

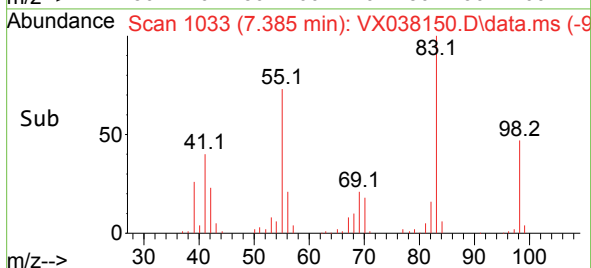
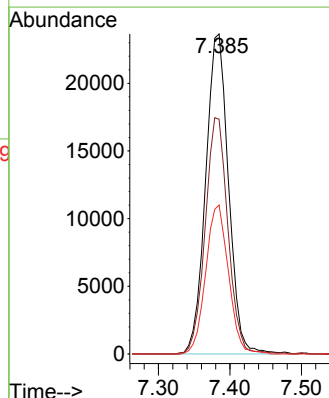
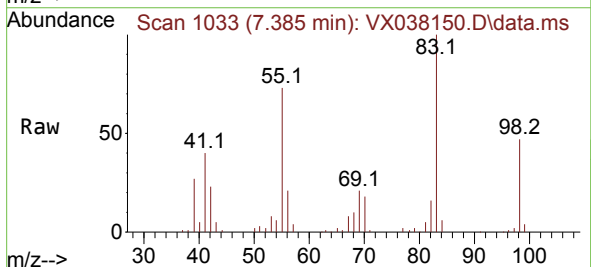
Tgt Ion: 83 Resp: 52476

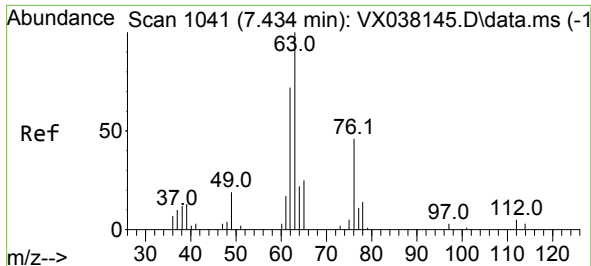
Ion Ratio Lower Upper

83 100

55 73.2 38.1 114.5

98 46.5 24.4 73.4





#39

1,2-Dichloropropane

Concen: 19.902 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

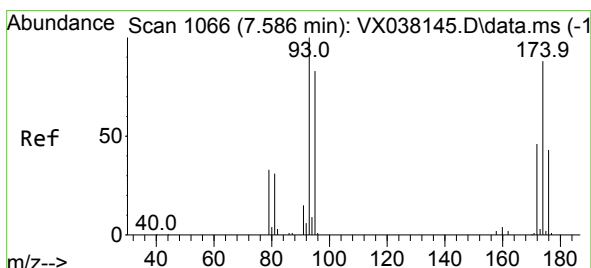
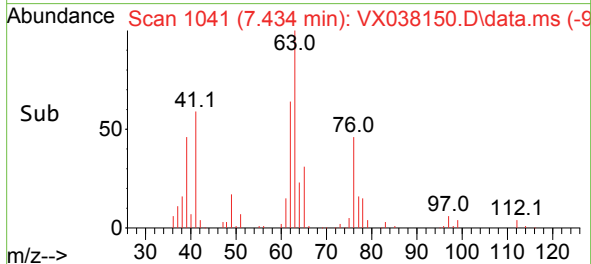
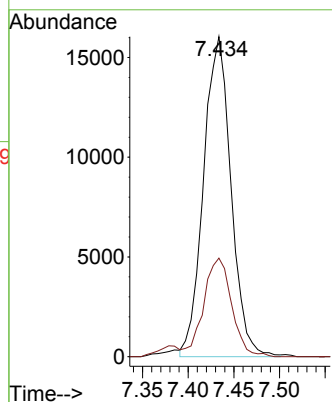
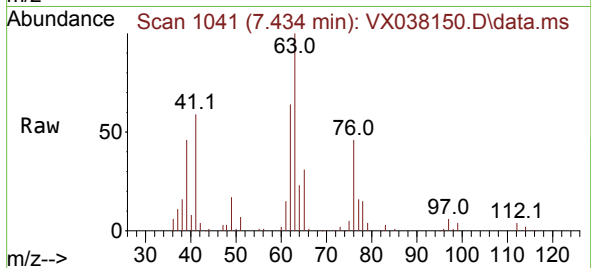
ClientSampleId :

Tgt Ion: 63 Resp: 33578

Ion Ratio Lower Upper

63 100

65 31.0 26.4 39.6



#40

Dibromomethane

Concen: 20.308 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

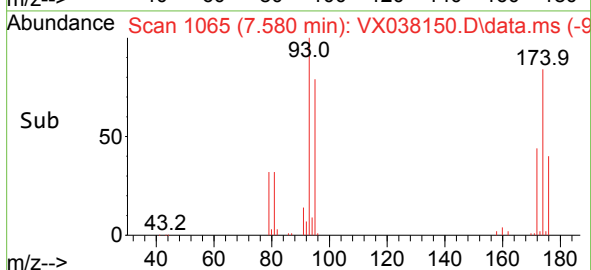
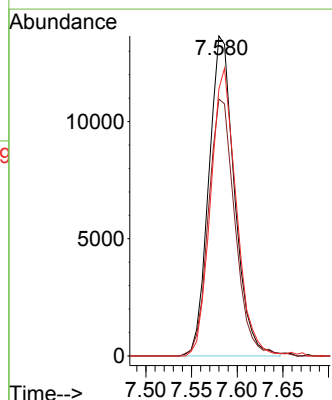
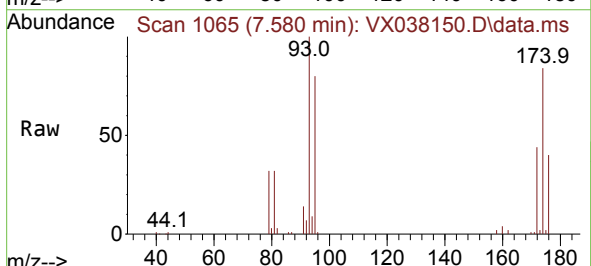
Tgt Ion: 93 Resp: 26773

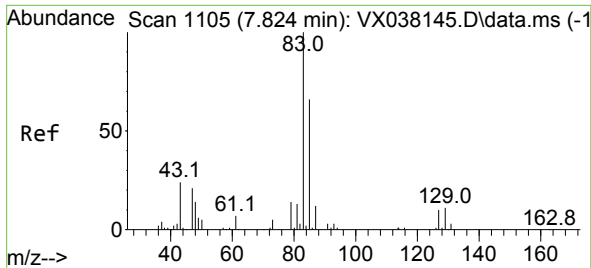
Ion Ratio Lower Upper

93 100

95 82.4 0.0 166.8

174 89.5 0.0 191.6

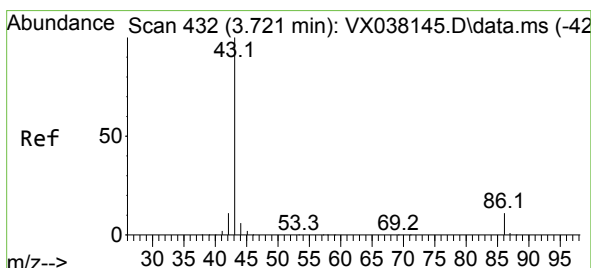
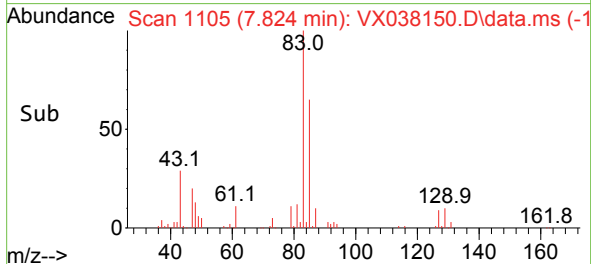
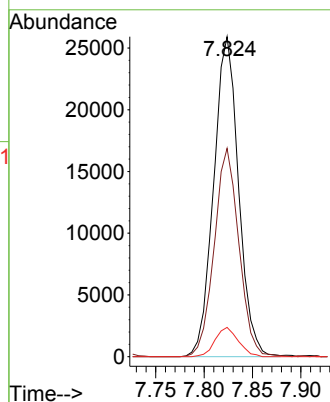
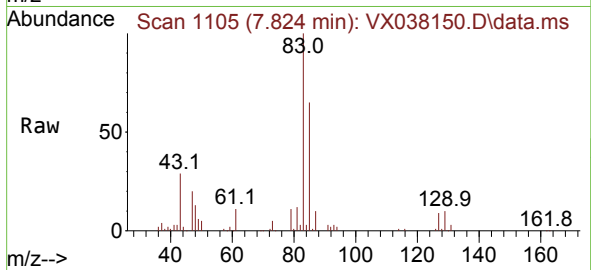




#41  
Bromodichloromethane  
Concen: 19.616 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

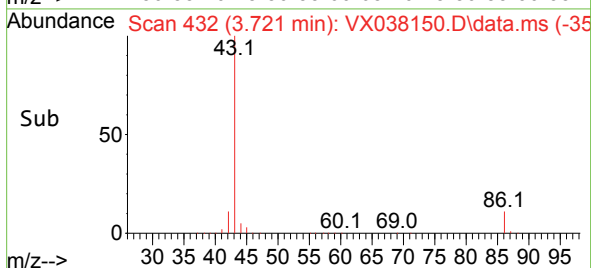
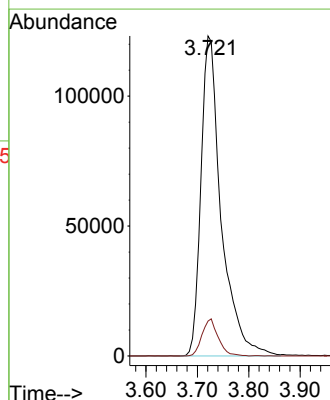
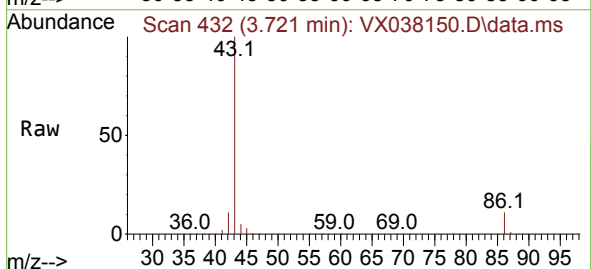
Instrument :  
MSVOA\_X  
ClientSampleId :

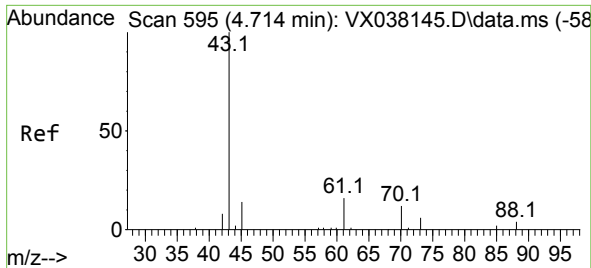
Tgt Ion: 83 Resp: 46361  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.5 77.3  
127 9.2 6.4 9.6



#42  
Vinyl Acetate  
Concen: 104.721 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 43 Resp: 337074  
Ion Ratio Lower Upper  
43 100  
86 9.2 7.4 11.0

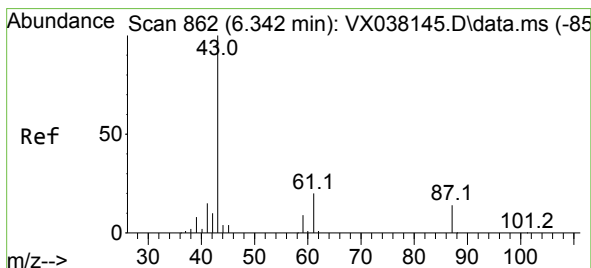
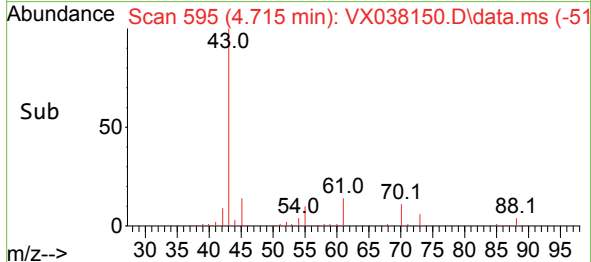
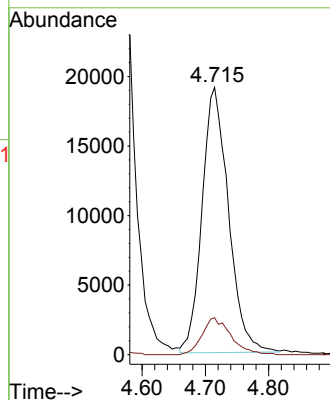
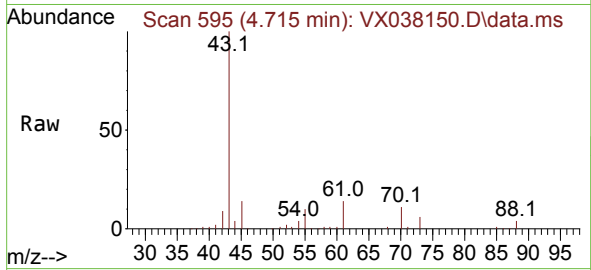




#43  
Ethyl Acetate  
Concen: 20.749 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

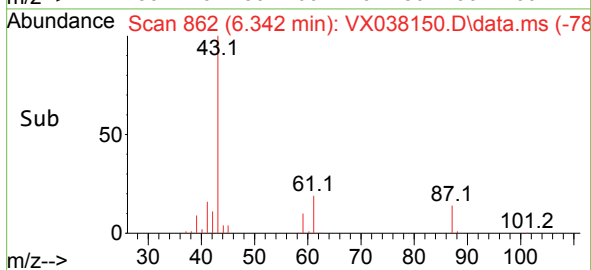
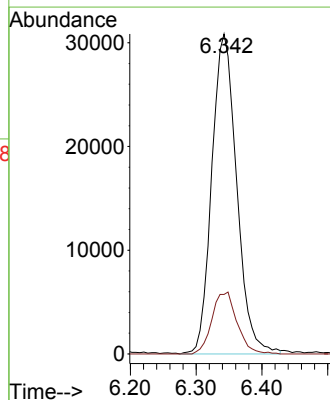
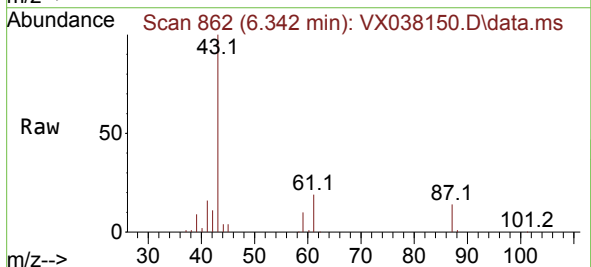
Instrument :  
MSVOA\_X  
ClientSampleId :

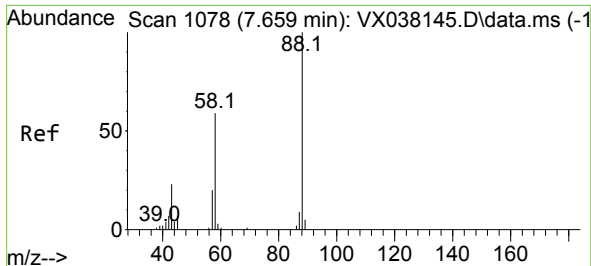
Tgt Ion: 43 Resp: 55516  
Ion Ratio Lower Upper  
43 100  
45 15.1 12.6 18.8



#44  
Isopropyl Acetate  
Concen: 20.203 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

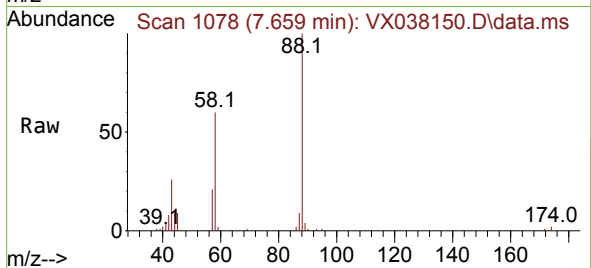
Tgt Ion: 43 Resp: 81359  
Ion Ratio Lower Upper  
43 100  
61 19.3 15.4 23.0



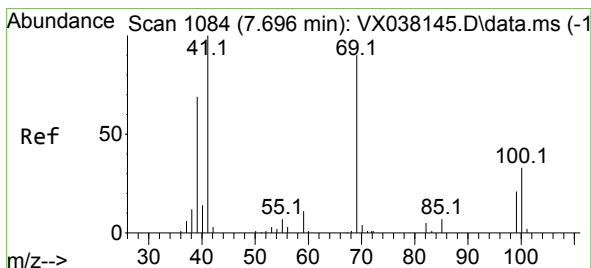
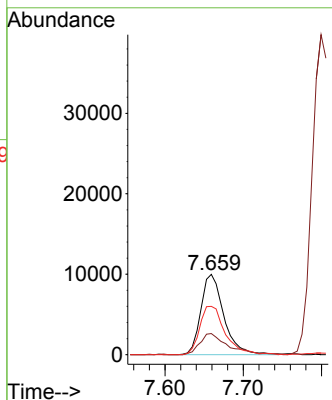
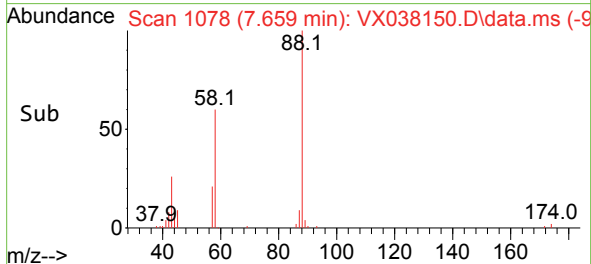


#45  
1,4-Dioxane  
Concen: 396.488 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Instrument :  
MSVOA\_X  
ClientSampleId :

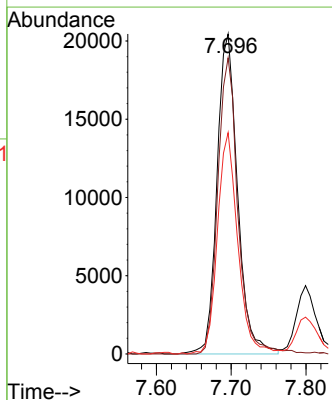
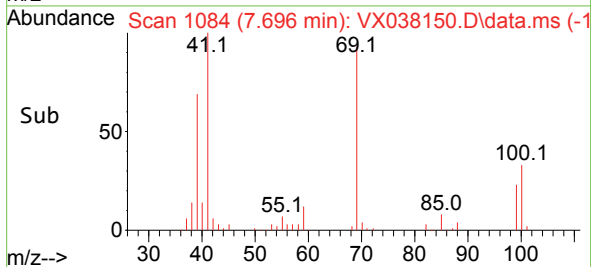
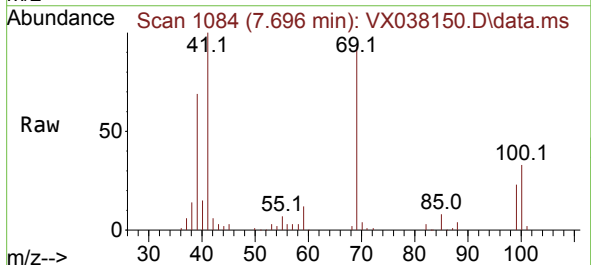


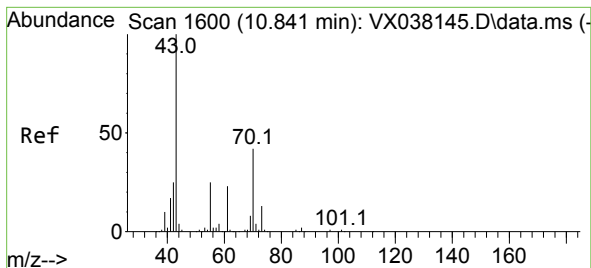
Tgt Ion: 88 Resp: 20291  
Ion Ratio Lower Upper  
88 100  
43 28.7 297.5 446.3#  
58 65.5 1.0 1.4#



#46  
Methyl methacrylate  
Concen: 19.689 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 41 Resp: 39093  
Ion Ratio Lower Upper  
41 100  
69 92.6 44.4 133.1  
39 69.2 34.9 104.7





#47

n-amy1 Acetate

Concen: 20.245 ug/l

RT: 10.842 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

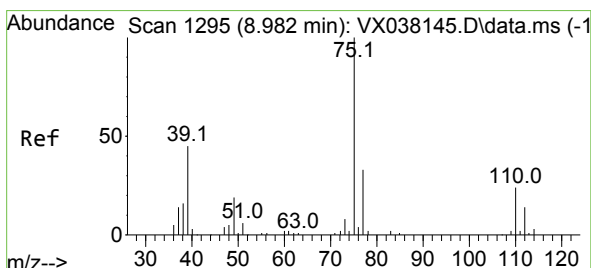
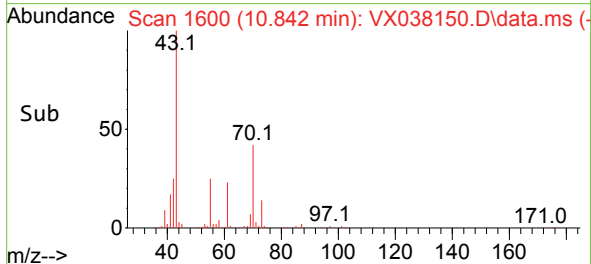
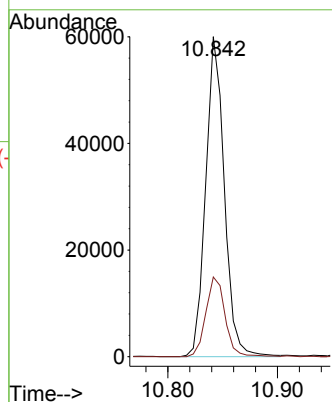
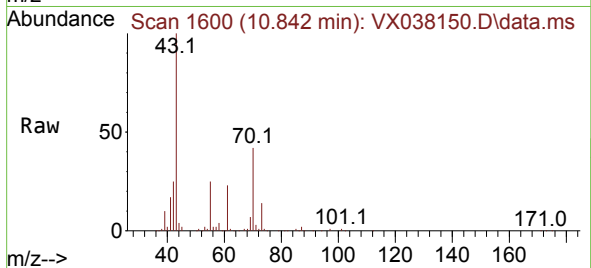
ClientSampleId :

Tgt Ion: 43 Resp: 70779

Ion Ratio Lower Upper

43 100

55 25.8 18.6 28.0



#48

t-1,3-Dichloropropene

Concen: 19.185 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX038150.D

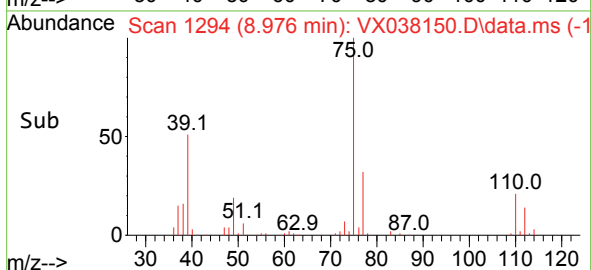
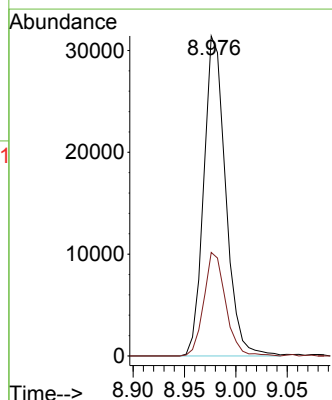
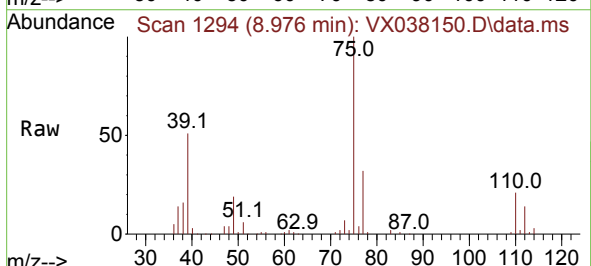
Acq: 07 Oct 2023 01:01

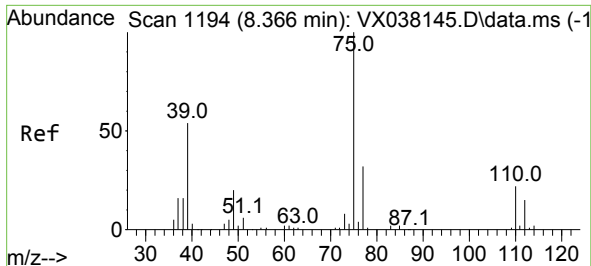
Tgt Ion: 75 Resp: 46606

Ion Ratio Lower Upper

75 100

77 32.3 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.453 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

ClientSampleId :

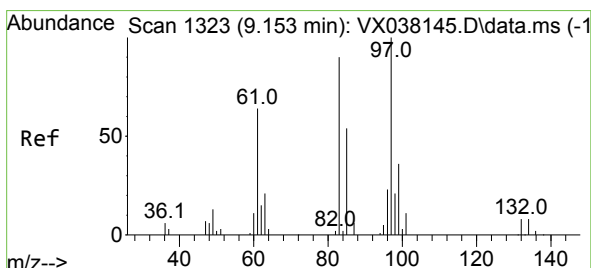
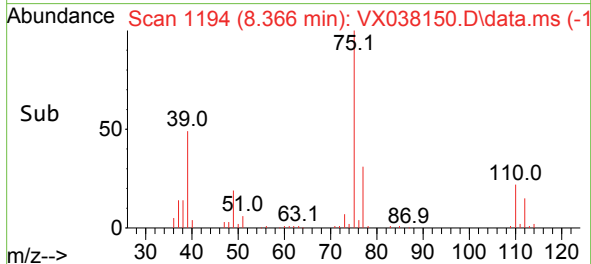
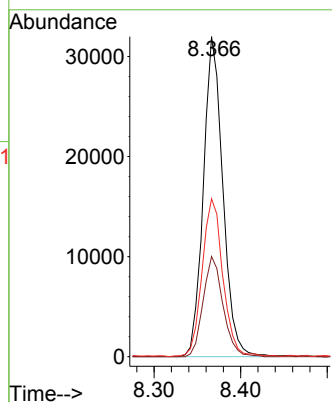
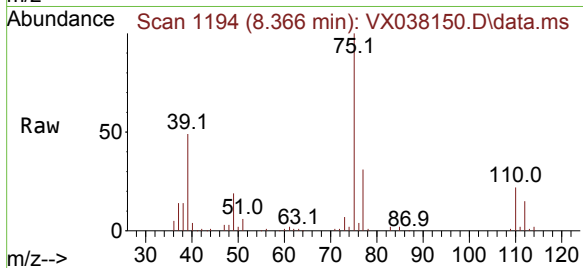
Tgt Ion: 75 Resp: 50103

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 49.2 40.2 60.4



#50

1,1,2-Trichloroethane

Concen: 19.504 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Tgt Ion: 97 Resp: 36303

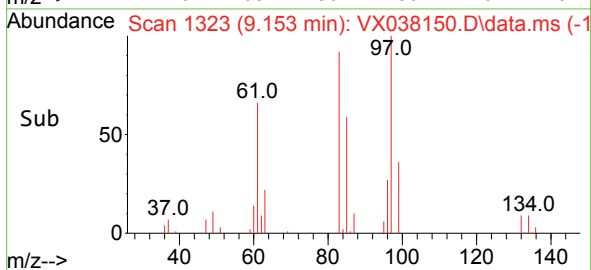
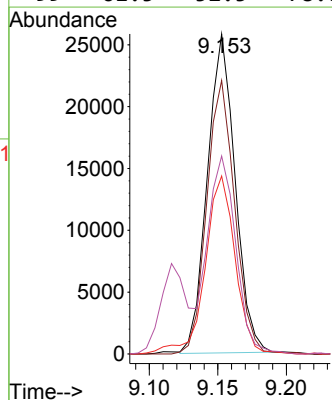
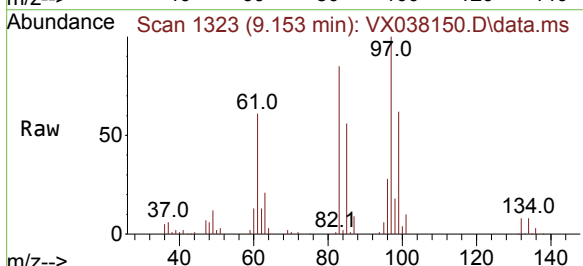
Ion Ratio Lower Upper

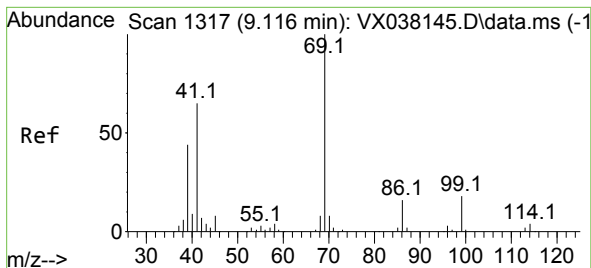
97 100

83 85.5 70.0 105.0

85 55.4 46.1 69.1

99 61.5 52.5 78.7





#51

Ethyl methacrylate

Concen: 19.428 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

ClientSampleId :

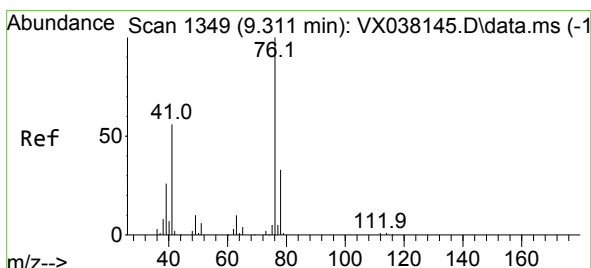
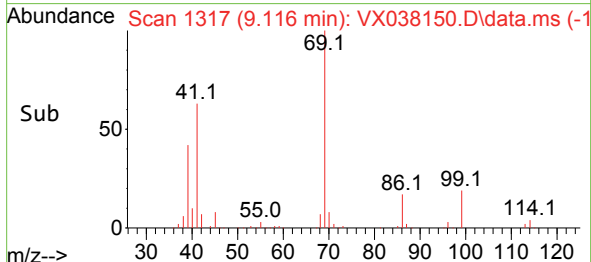
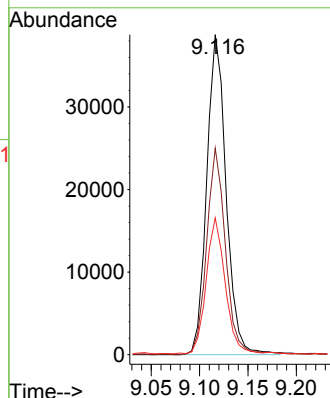
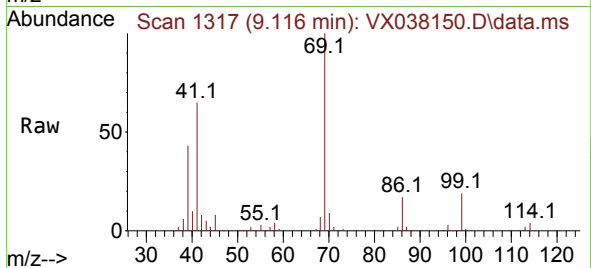
Tgt Ion: 69 Resp: 54157

Ion Ratio Lower Upper

69 100

41 64.6 32.0 96.0

39 42.4 19.4 58.4



#52

1,3-Dichloropropane

Concen: 19.868 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX038150.D

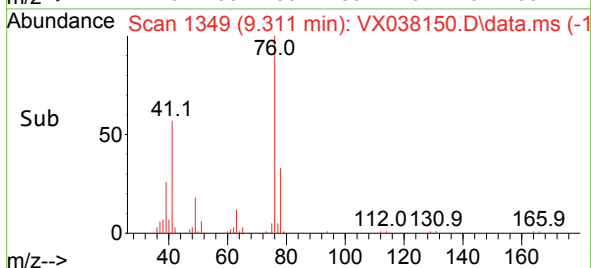
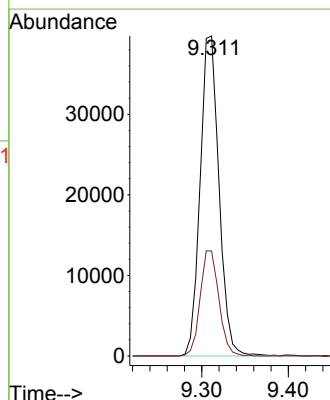
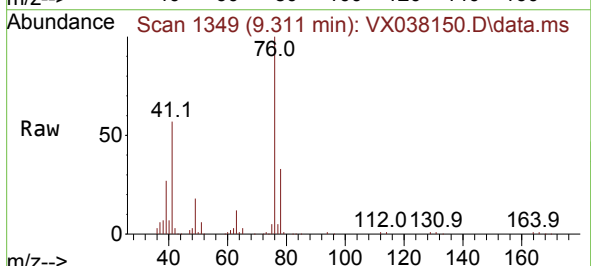
Acq: 07 Oct 2023 01:01

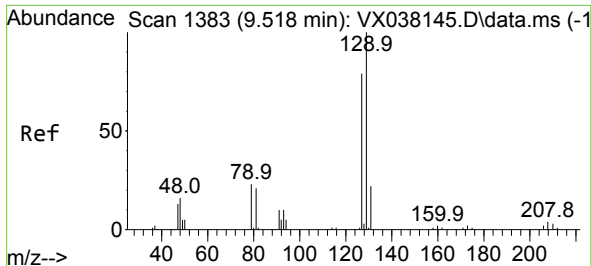
Tgt Ion: 76 Resp: 60137

Ion Ratio Lower Upper

76 100

78 32.5 0.0 63.6

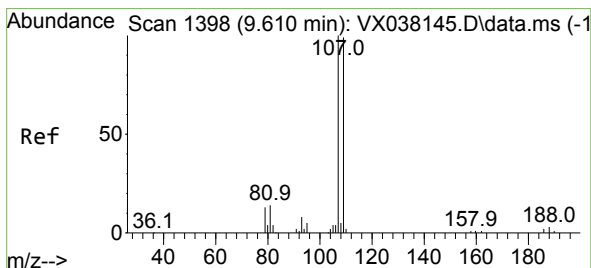
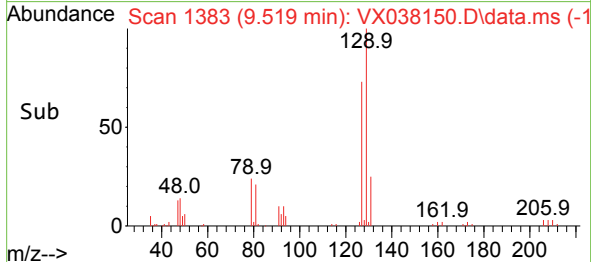
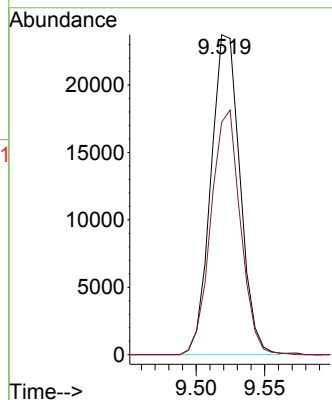
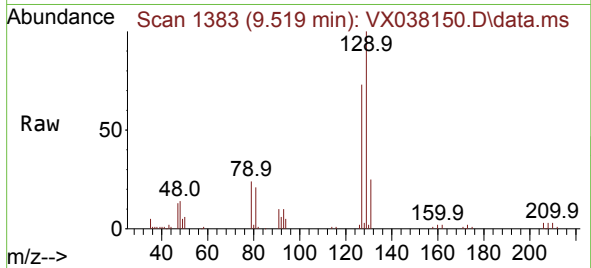




#53  
Dibromochloromethane  
Concen: 19.043 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

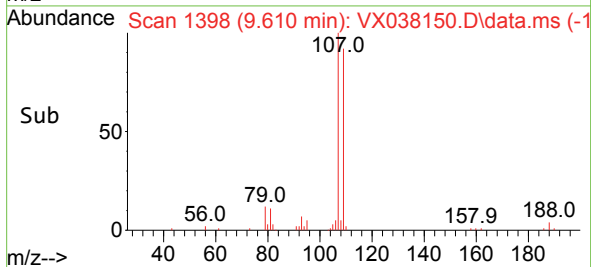
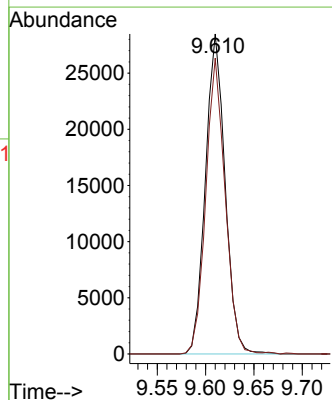
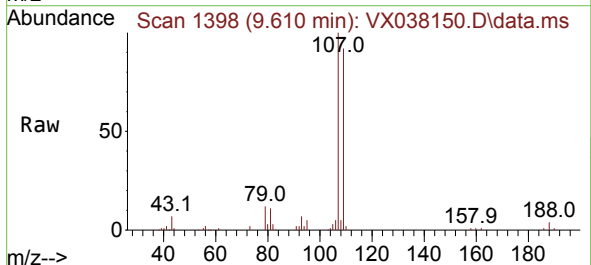
Instrument :  
MSVOA\_X  
ClientSampleId :

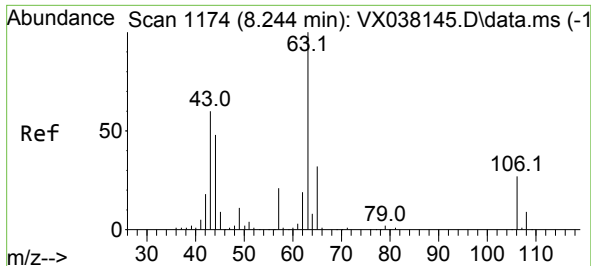
Tgt Ion:129 Resp: 35112  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.6 115.8



#54  
1,2-Dibromoethane  
Concen: 19.804 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion:107 Resp: 40279  
Ion Ratio Lower Upper  
107 100  
109 90.8 74.7 112.1

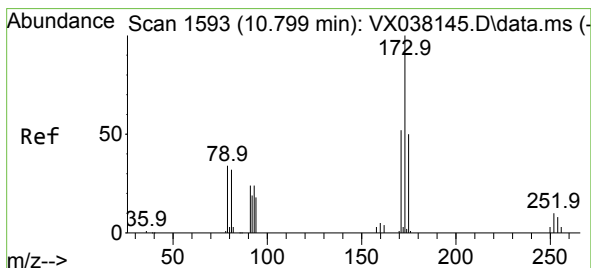
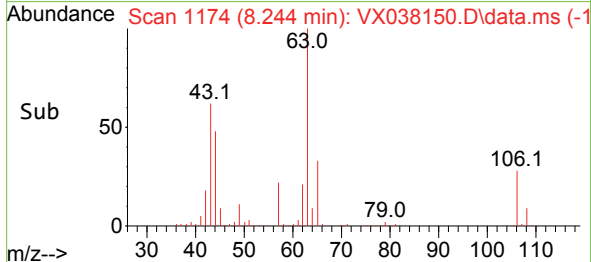
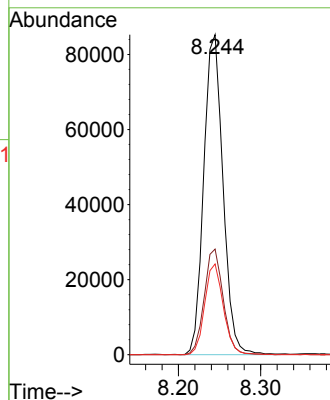
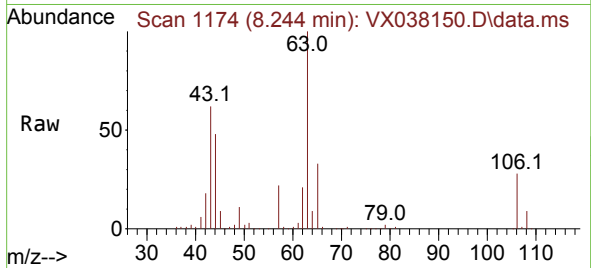




#55  
2-Chloroethyl vinyl ether  
Concen: 98.595 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

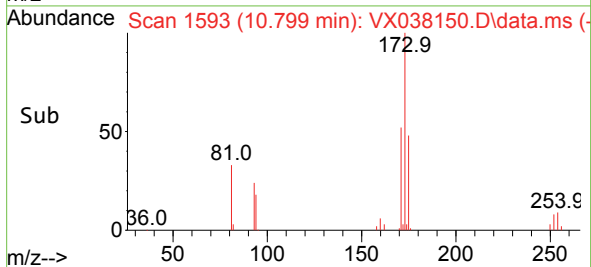
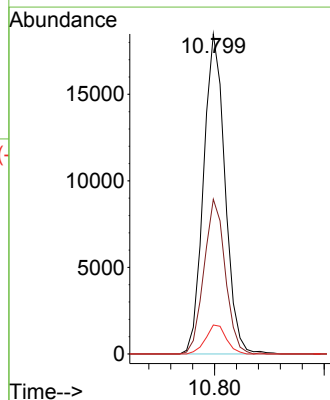
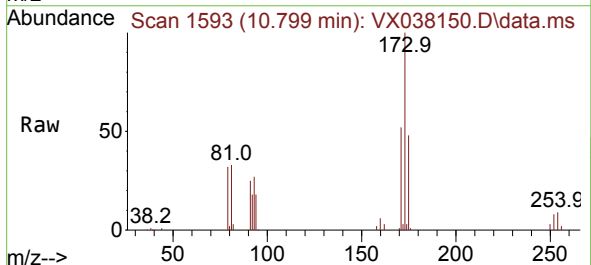
Instrument :  
MSVOA\_X  
ClientSampleId :

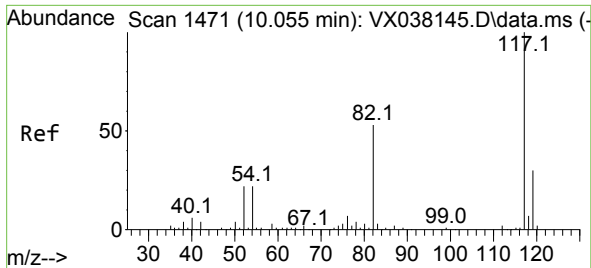
Tgt Ion: 63 Resp: 138718  
Ion Ratio Lower Upper  
63 100  
65 32.5 25.9 38.9  
106 27.5 21.8 32.8



#56  
Bromoform  
Concen: 18.214 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 173 Resp: 25099  
Ion Ratio Lower Upper  
173 100  
175 47.8 38.1 57.1  
254 8.8 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

ClientSampleId :

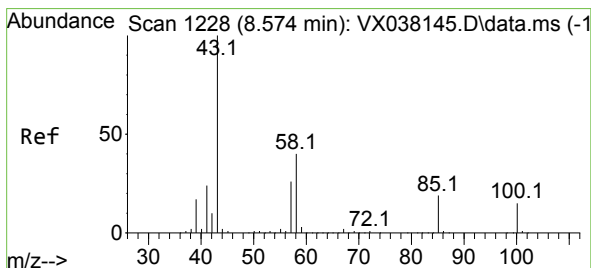
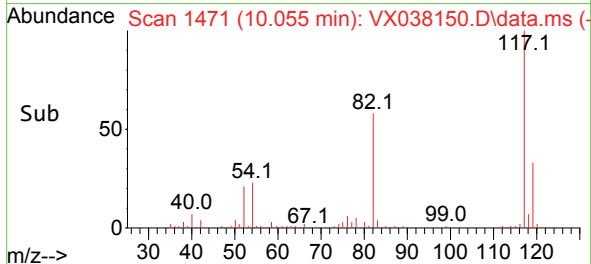
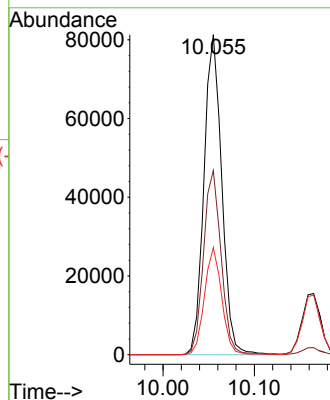
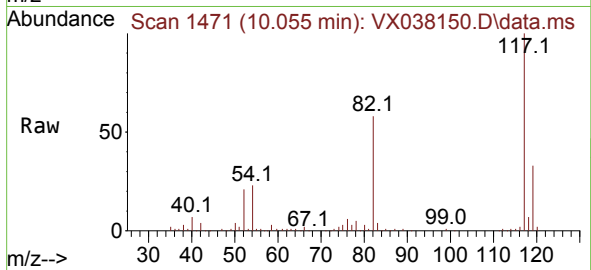
Tgt Ion:117 Resp: 109820

Ion Ratio Lower Upper

117 100

82 56.9 44.7 67.1

119 32.3 25.6 38.4



#58

4-Methyl-2-Pentanone

Concen: 107.300 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

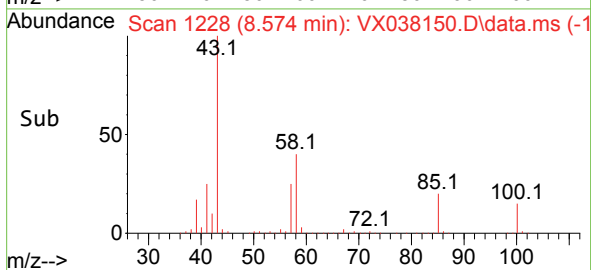
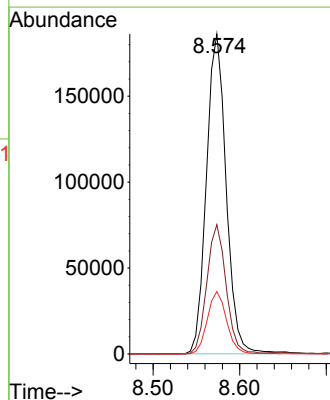
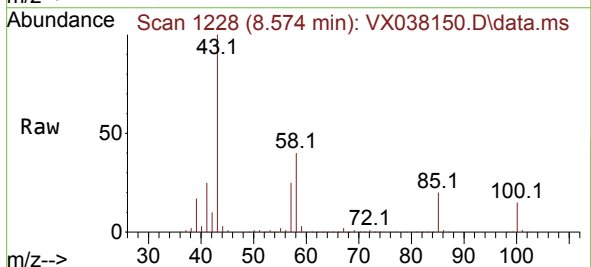
Tgt Ion: 43 Resp: 294942

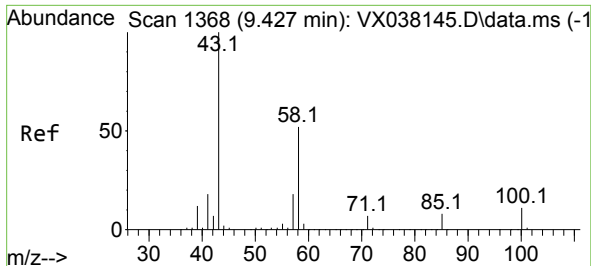
Ion Ratio Lower Upper

43 100

58 39.5 30.9 46.3

85 19.1 14.4 21.6





#59

2-Hexanone

Concen: 105.933 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

ClientSampleId :

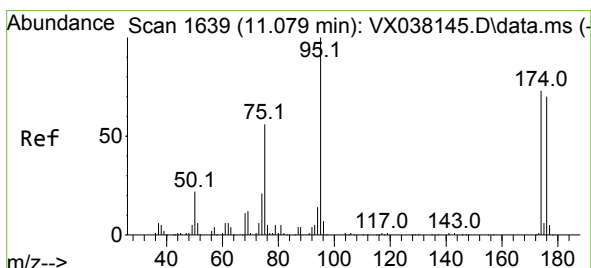
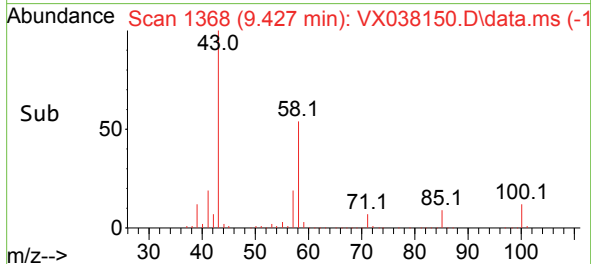
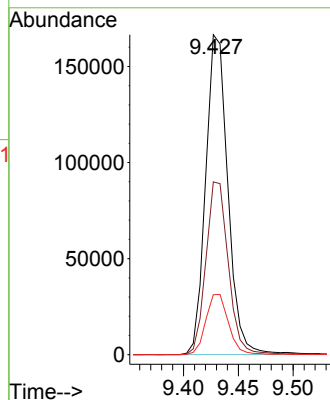
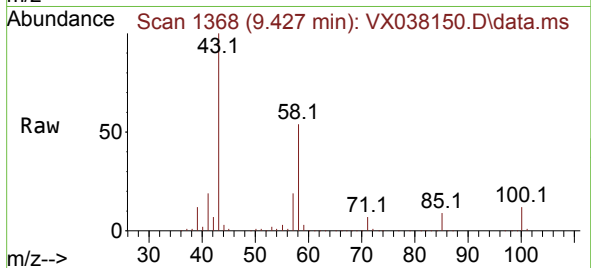
Tgt Ion: 43 Resp: 234108

Ion Ratio Lower Upper

43 100

58 54.7 43.4 65.2

57 19.3 15.1 22.7



#60

4-Bromofluorobenzene

Concen: 29.708 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

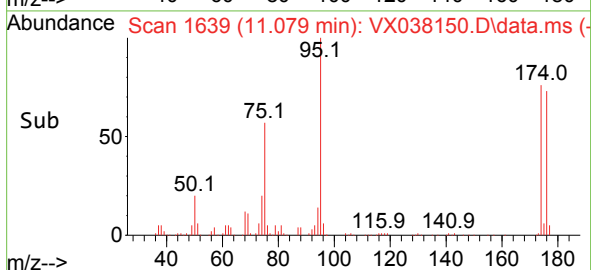
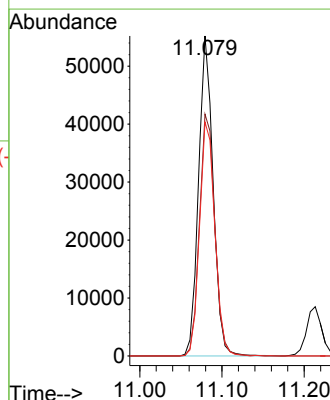
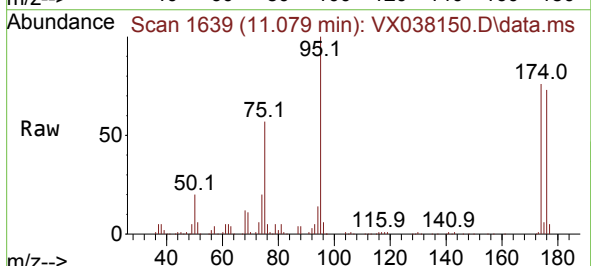
Tgt Ion: 95 Resp: 67964

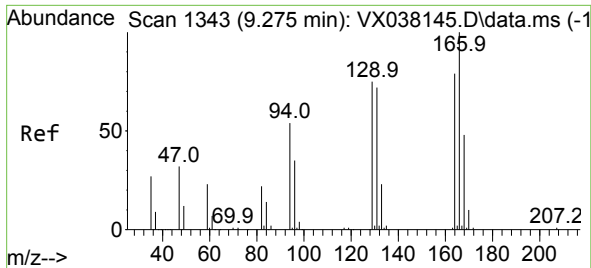
Ion Ratio Lower Upper

95 100

174 79.7 60.5 90.7

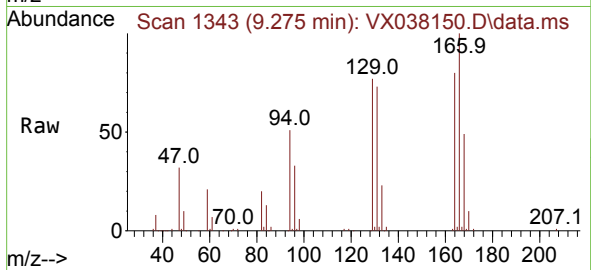
176 76.8 58.2 87.4



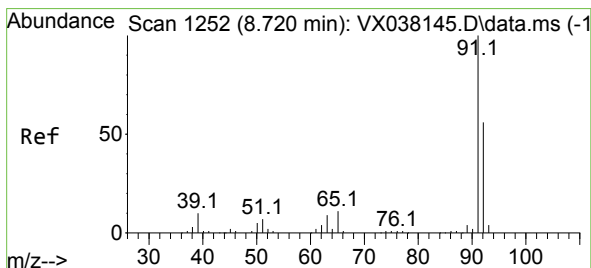
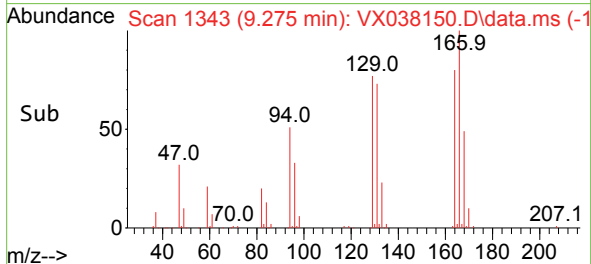
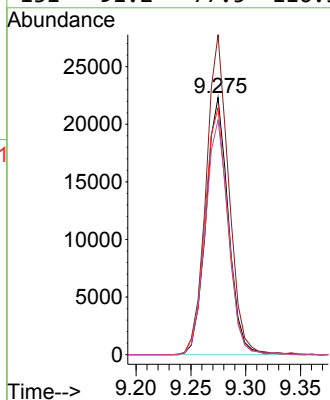


#61  
Tetrachloroethene  
Concen: 21.101 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Instrument :  
MSVOA\_X  
ClientSampleId :

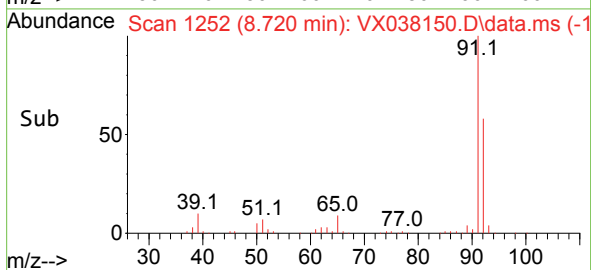
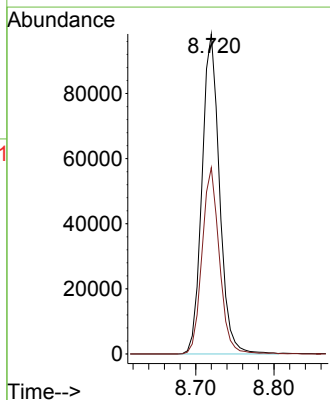
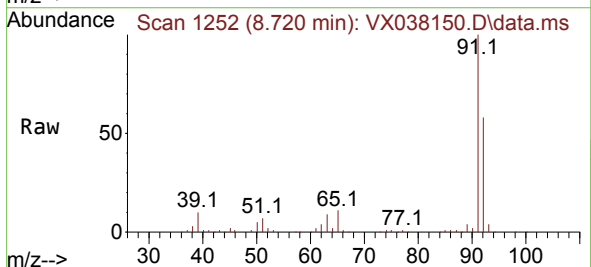


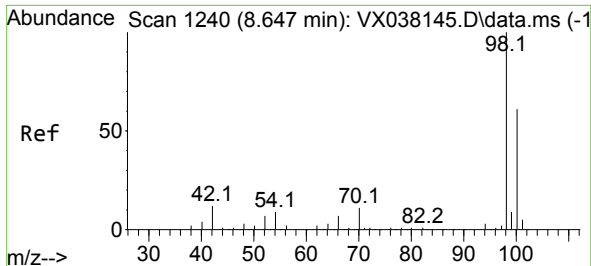
Tgt Ion:164 Resp: 31663  
Ion Ratio Lower Upper  
164 100  
166 124.2 104.5 156.7  
129 95.9 78.0 117.0  
131 91.2 77.5 116.3



#62  
Toluene  
Concen: 20.808 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 91 Resp: 152251  
Ion Ratio Lower Upper  
91 100  
92 57.4 44.9 67.3

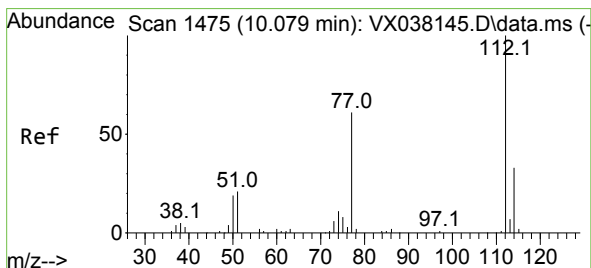
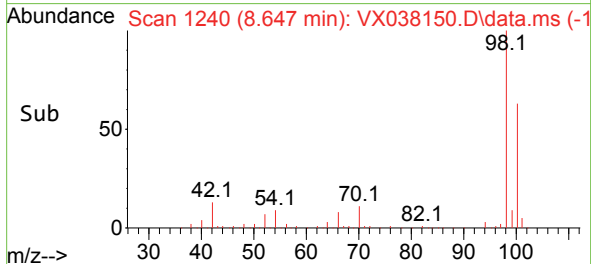
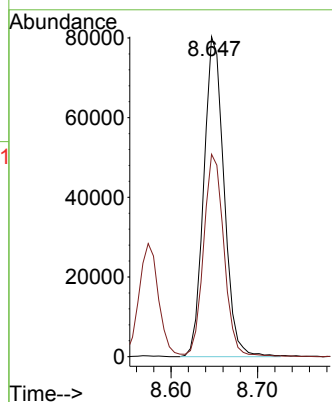
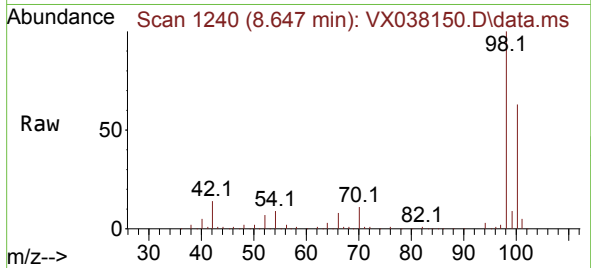




#63  
Toluene-d8  
Concen: 30.579 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

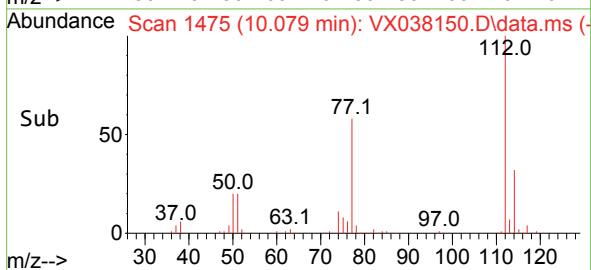
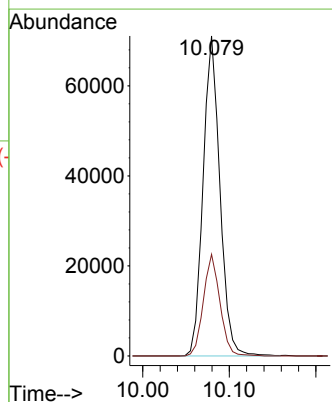
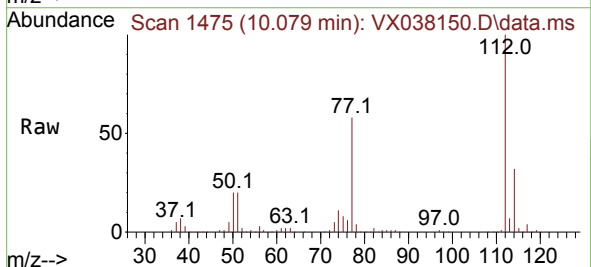
Instrument :  
MSVOA\_X  
ClientSampleId :

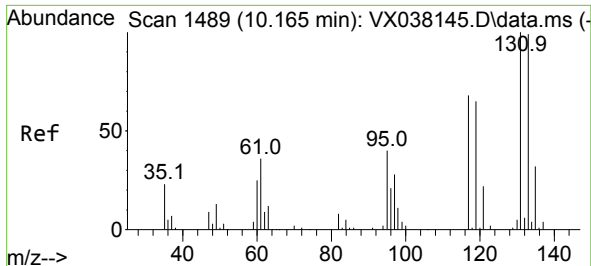
Tgt Ion: 98 Resp: 130041  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.6 77.4



#64  
Chlorobenzene  
Concen: 20.934 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 112 Resp: 95920  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.6

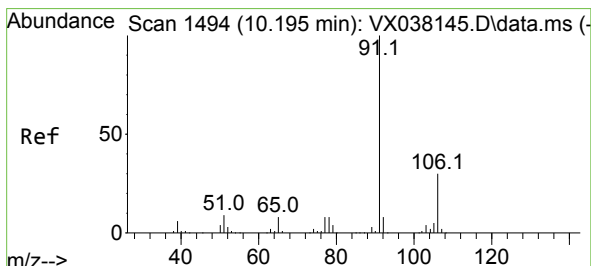
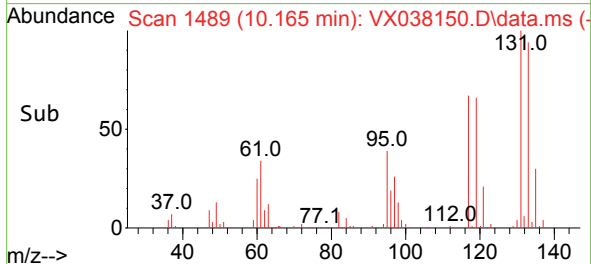
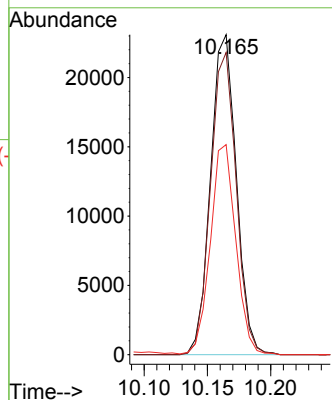
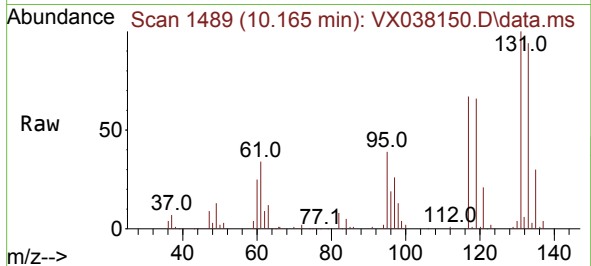




#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.507 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

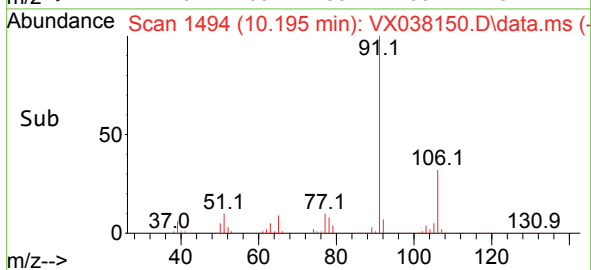
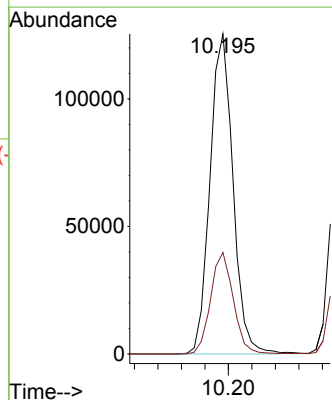
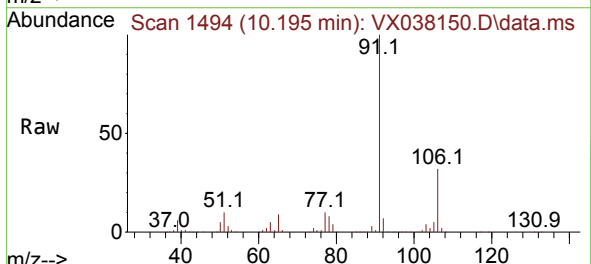
Instrument :  
MSVOA\_X  
ClientSampleId :

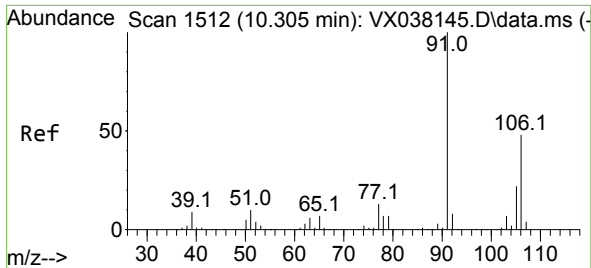
Tgt Ion:131 Resp: 32755  
Ion Ratio Lower Upper  
131 100  
133 93.9 0.0 192.0  
119 64.8 0.0 132.8



#66  
Ethyl Benzene  
Concen: 20.482 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 91 Resp: 169940  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.2 36.4

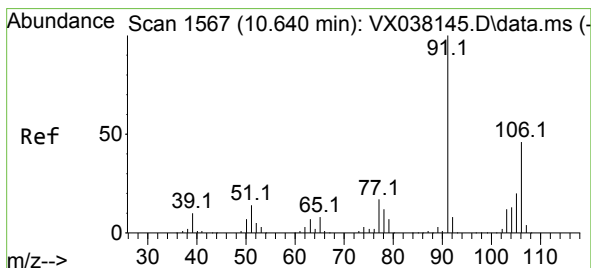
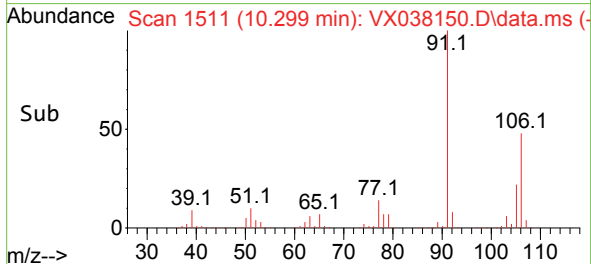
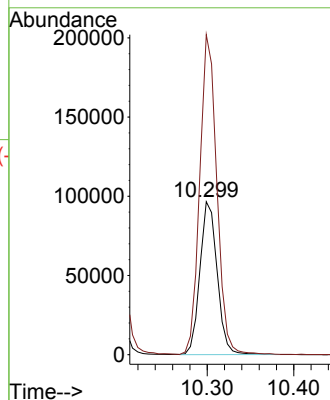
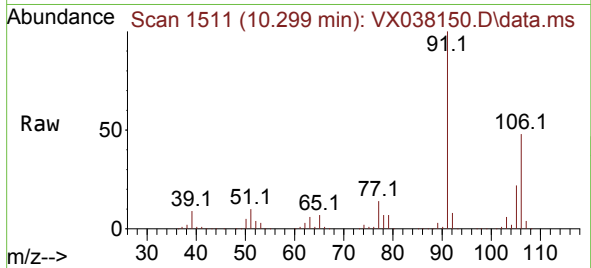




#67  
m/p-Xylenes  
Concen: 41.473 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

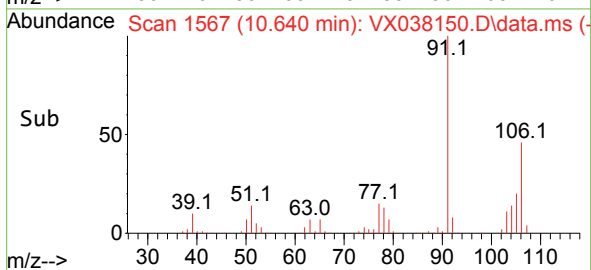
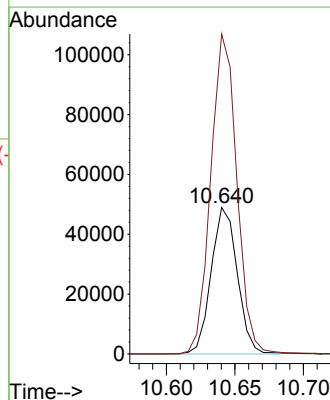
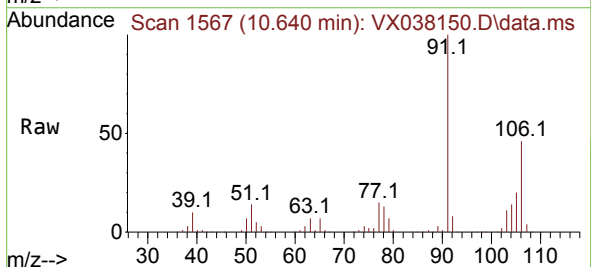
Instrument :  
MSVOA\_X  
ClientSampleId :

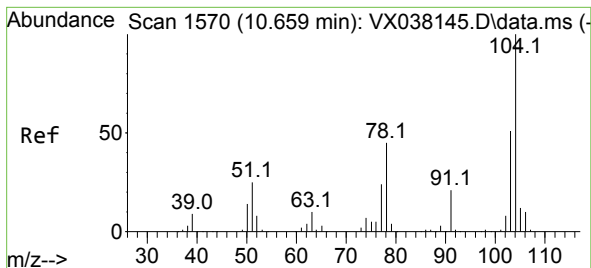
Tgt Ion:106 Resp: 133494  
Ion Ratio Lower Upper  
106 100  
91 207.4 160.5 240.7



#68  
o-Xylene  
Concen: 20.777 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion:106 Resp: 64889  
Ion Ratio Lower Upper  
106 100  
91 218.6 105.4 316.1





#69

Styrene

Concen: 20.907 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

ClientSampleId :

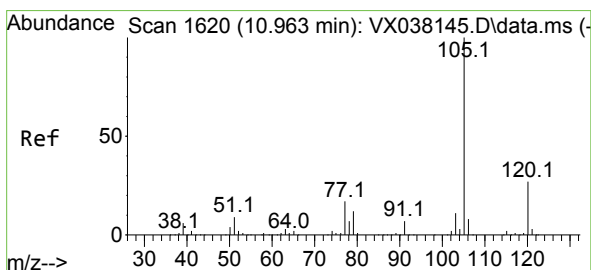
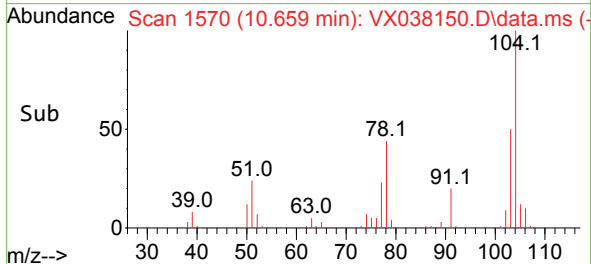
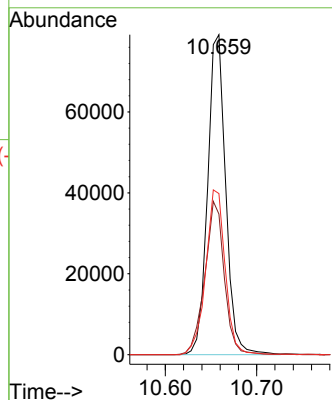
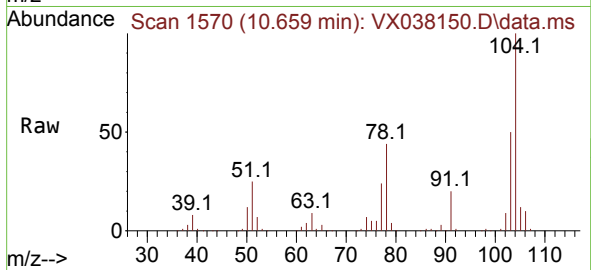
Tgt Ion:104 Resp: 108501

Ion Ratio Lower Upper

104 100

78 51.7 41.0 61.4

103 55.6 45.5 68.3



#70

Isopropylbenzene

Concen: 20.532 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038150.D

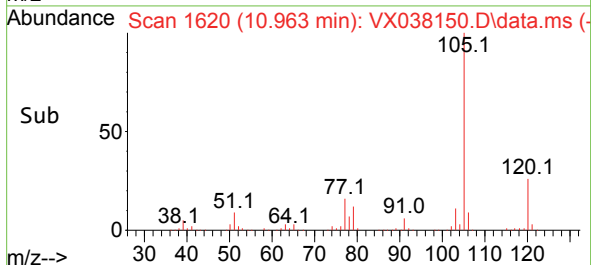
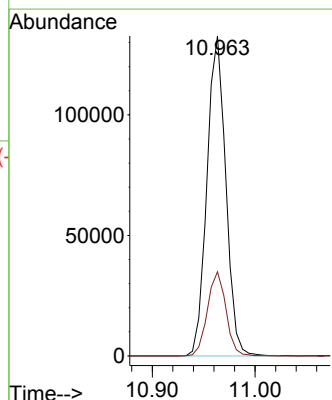
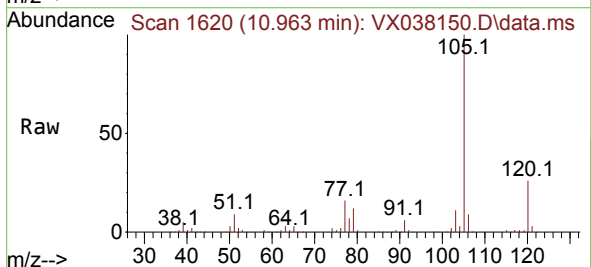
Acq: 07 Oct 2023 01:01

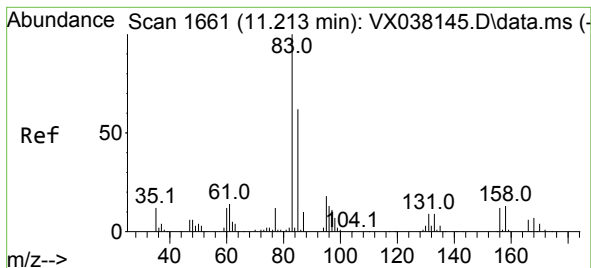
Tgt Ion:105 Resp: 169113

Ion Ratio Lower Upper

105 100

120 25.9 19.5 36.3

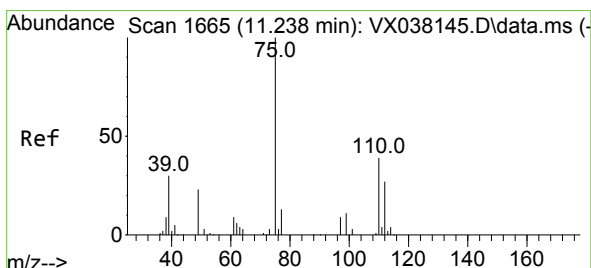
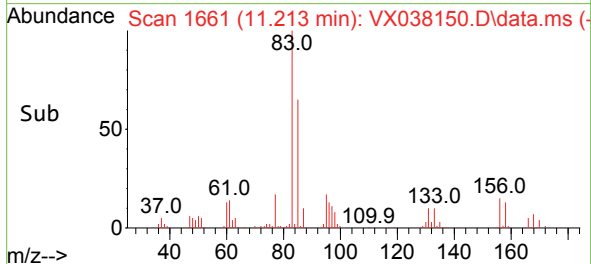
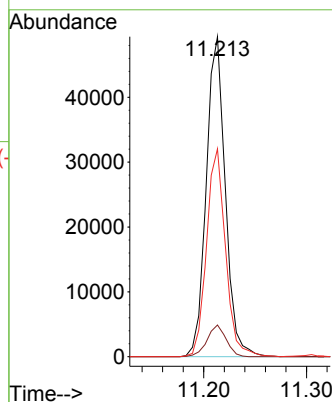
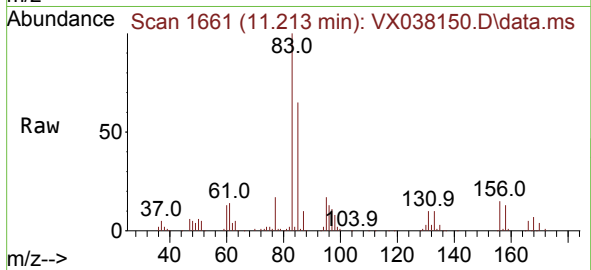




#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.948 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

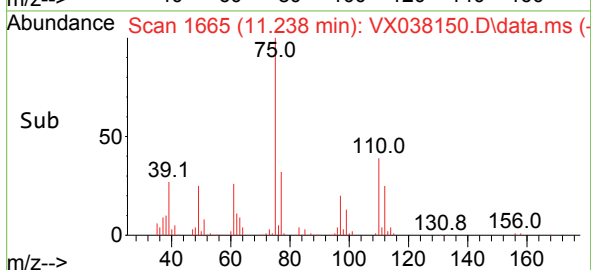
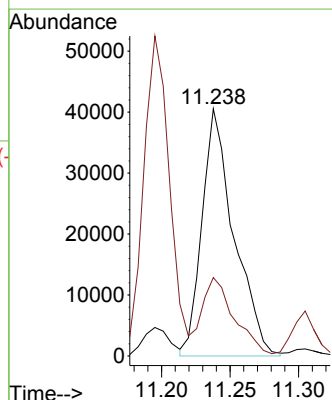
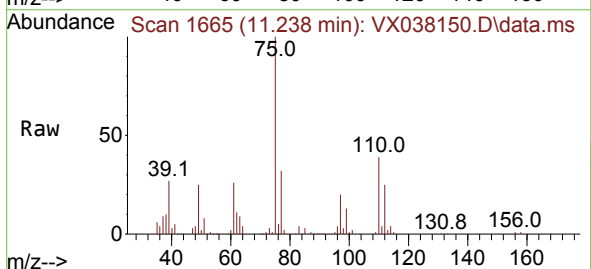
Instrument :  
MSVOA\_X  
ClientSampleId :

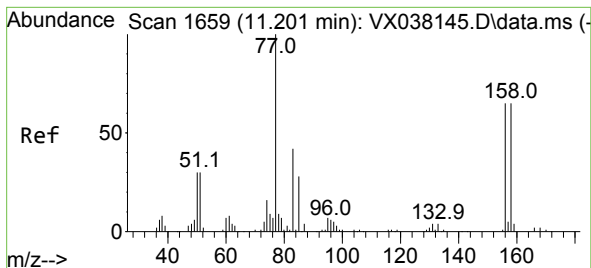
Tgt Ion: 83 Resp: 63596  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.3 15.8  
85 64.7 32.4 97.0



#72  
1,2,3-Trichloropropane  
Concen: 23.894 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion: 75 Resp: 65971  
Ion Ratio Lower Upper  
75 100  
77 32.4 0.0 77.2





#73

Bromobenzene

Concen: 20.288 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA\_X

ClientSampleId :

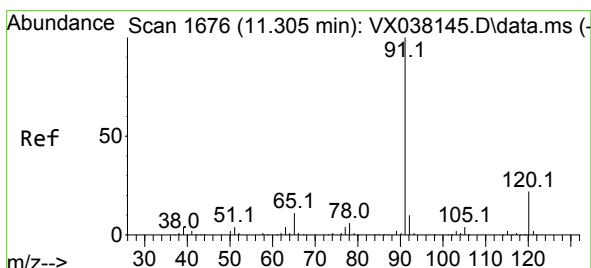
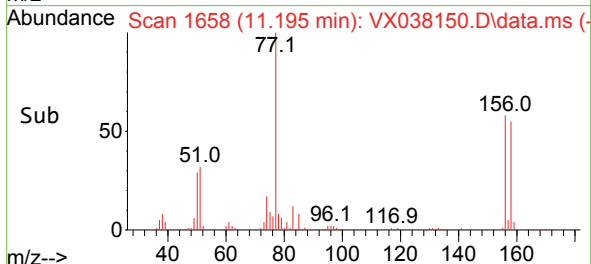
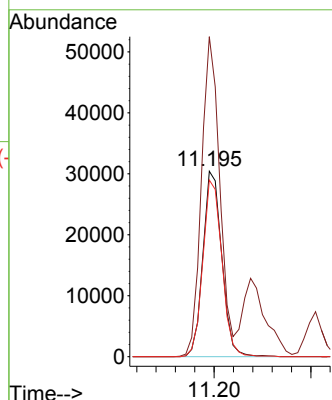
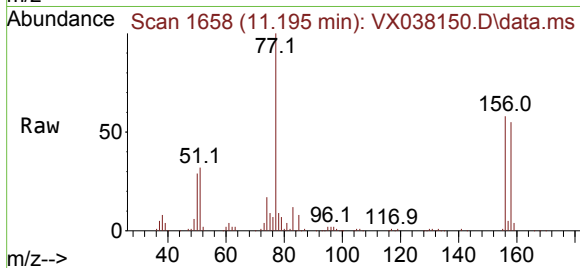
Tgt Ion:156 Resp: 41378

Ion Ratio Lower Upper

156 100

77 166.7 0.0 333.0

158 95.7 0.0 196.4



#74

n-propylbenzene

Concen: 20.721 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038150.D

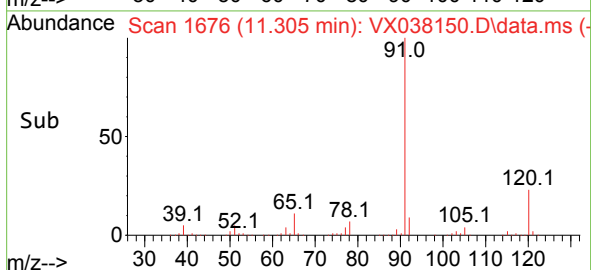
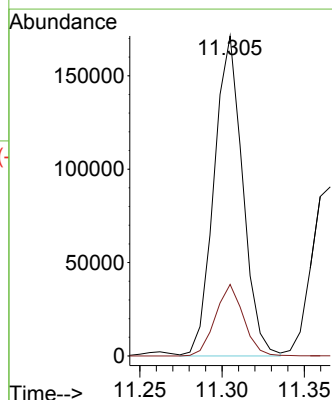
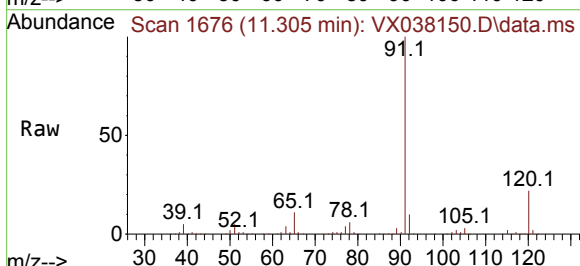
Acq: 07 Oct 2023 01:01

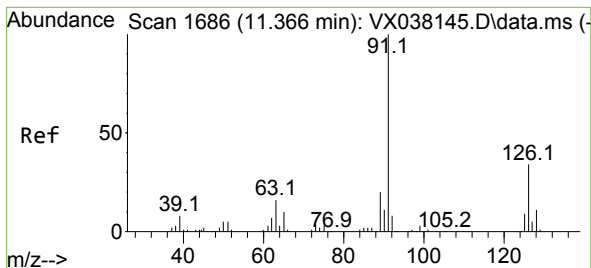
Tgt Ion: 91 Resp: 207398

Ion Ratio Lower Upper

91 100

120 21.9 0.0 46.6

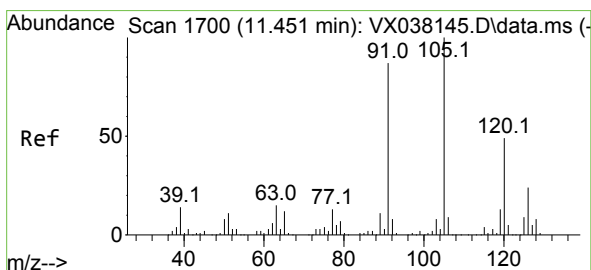
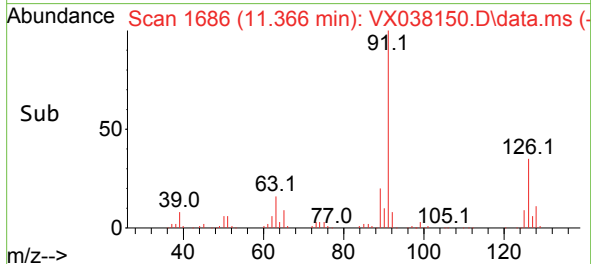
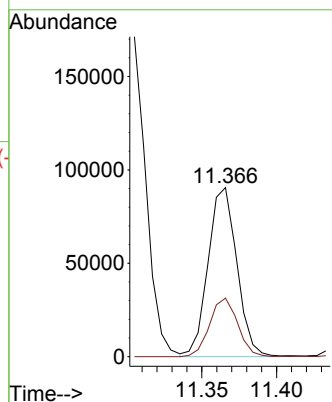
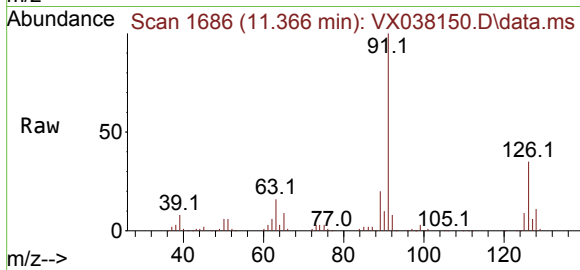




#75  
2-Chlorotoluene  
Concen: 20.632 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

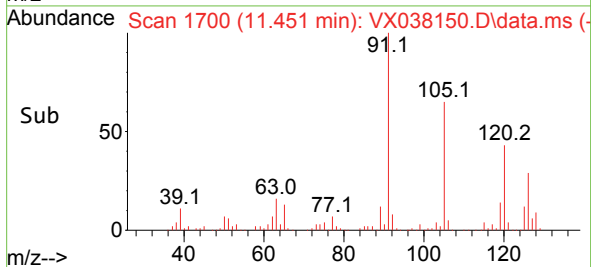
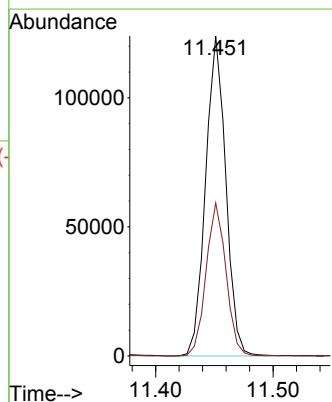
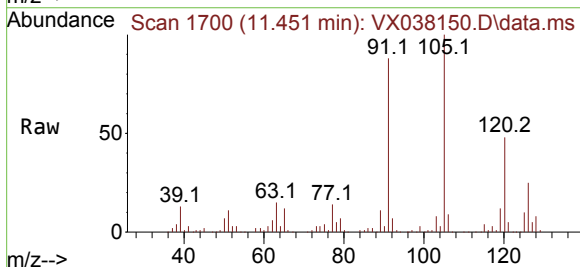
Instrument :  
MSVOA\_X  
ClientSampleId :

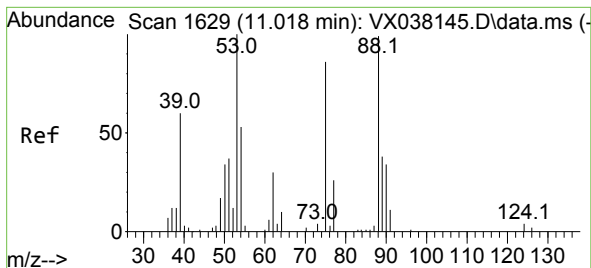
Tgt Ion: 91 Resp: 121344  
Ion Ratio Lower Upper  
91 100  
126 33.8 0.0 66.2



#76  
1,3,5-Trimethylbenzene  
Concen: 20.565 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

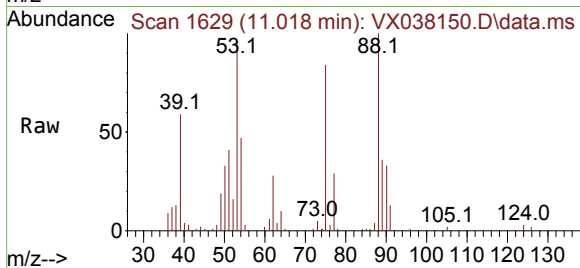
Tgt Ion: 105 Resp: 148021  
Ion Ratio Lower Upper  
105 100  
120 47.2 0.0 96.4



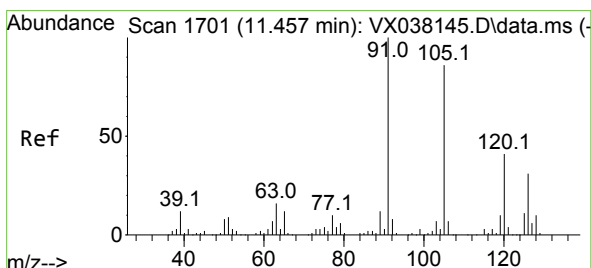
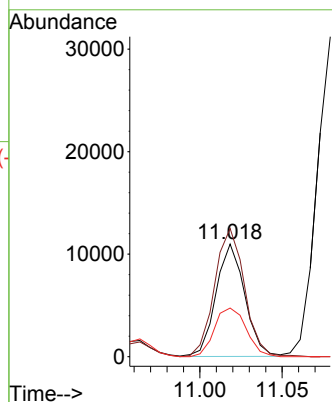
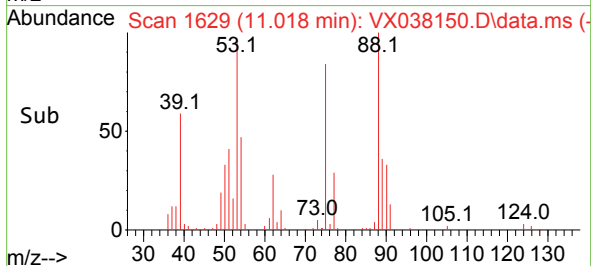


#77  
t-1,4-Dichloro-2-butene  
Concen: 17.780 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Instrument :  
MSVOA\_X  
ClientSampleId :

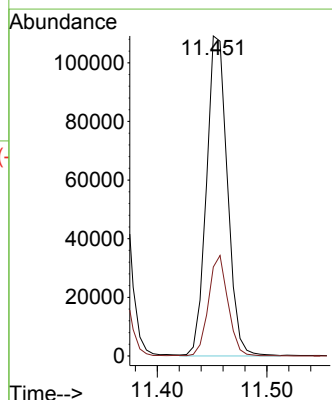
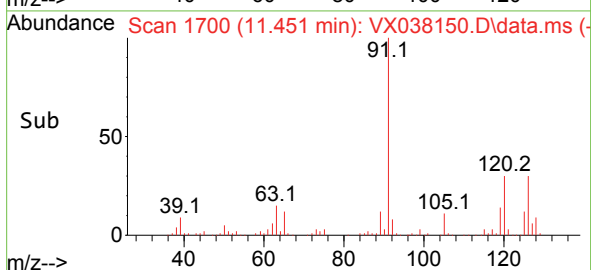
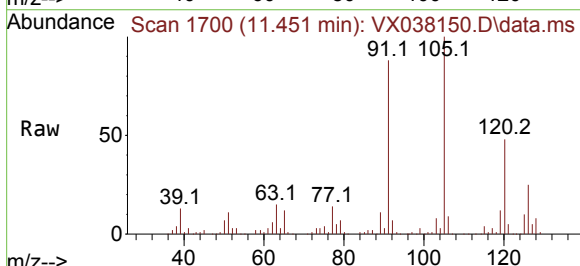


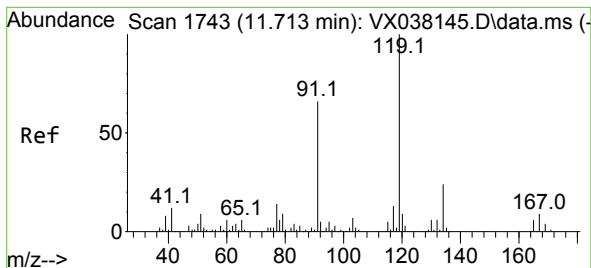
Tgt Ion: 75 Resp: 13363  
Ion Ratio Lower Upper  
75 100  
53 114.5 53.9 161.7  
89 43.5 22.1 66.1



#78  
4-Chlorotoluene  
Concen: 20.724 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

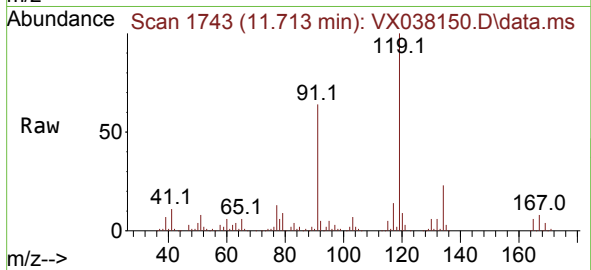
Tgt Ion: 91 Resp: 144944  
Ion Ratio Lower Upper  
91 100  
126 28.9 0.0 59.4



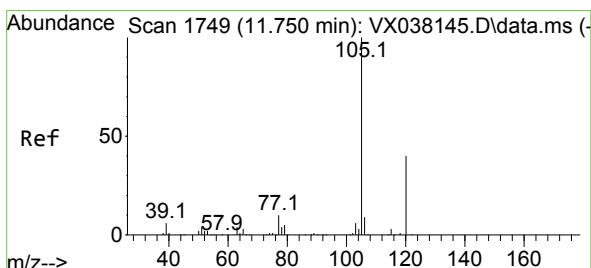
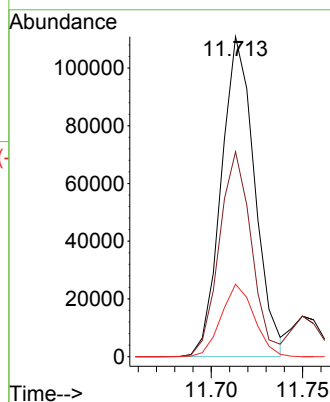
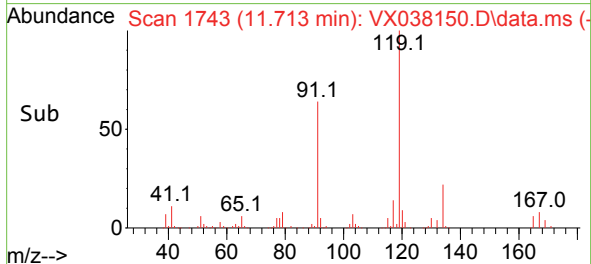


#79  
tert-butylbenzene  
Concen: 20.622 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Instrument :  
MSVOA\_X  
ClientSampleId :

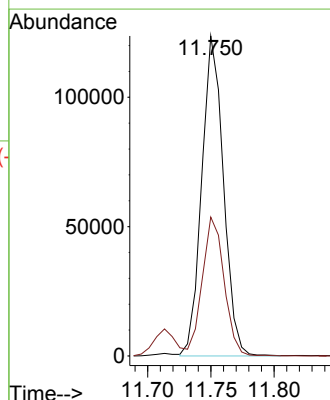
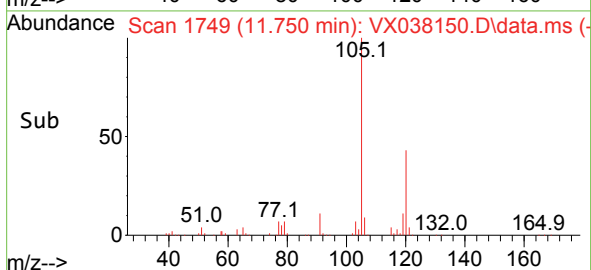
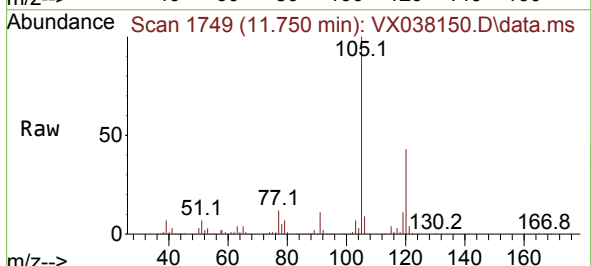


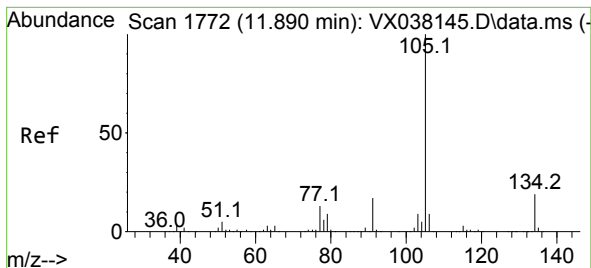
Tgt Ion:119 Resp: 140999  
Ion Ratio Lower Upper  
119 100  
91 61.9 0.0 124.4  
134 22.4 0.0 47.2



#80  
1,2,4-Trimethylbenzene  
Concen: 21.082 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Tgt Ion:105 Resp: 148155  
Ion Ratio Lower Upper  
105 100  
120 43.3 0.0 90.2

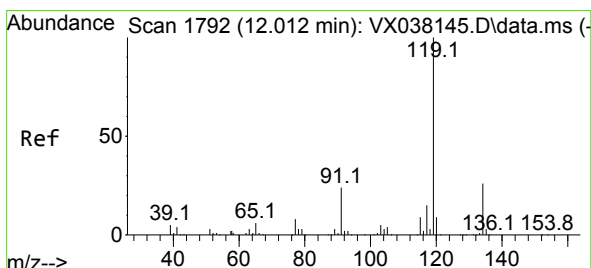
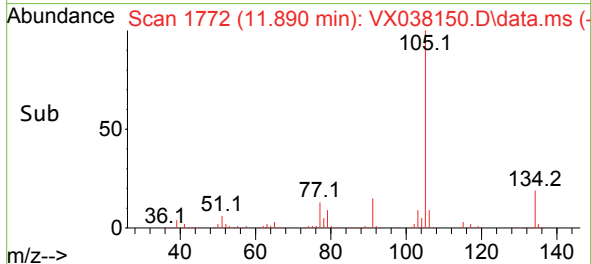
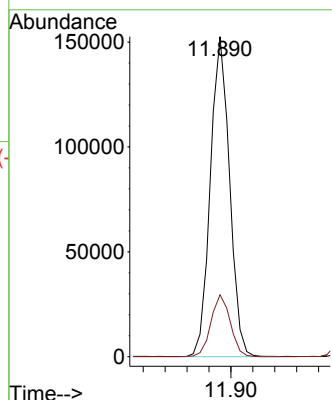
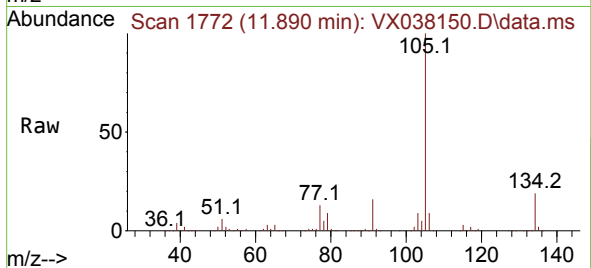




#81  
 sec-Butylbenzene  
 Concen: 20.759 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01

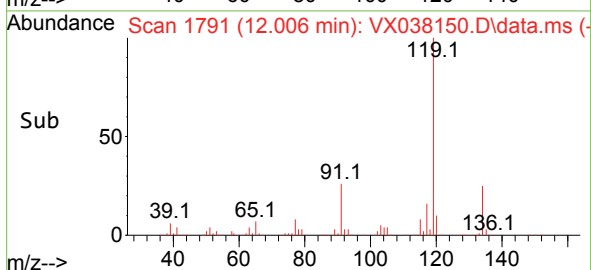
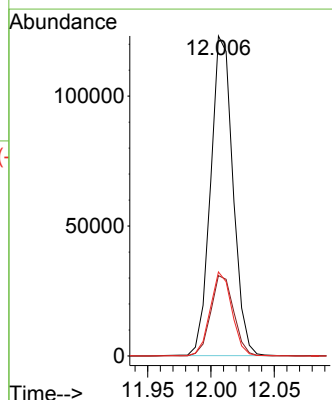
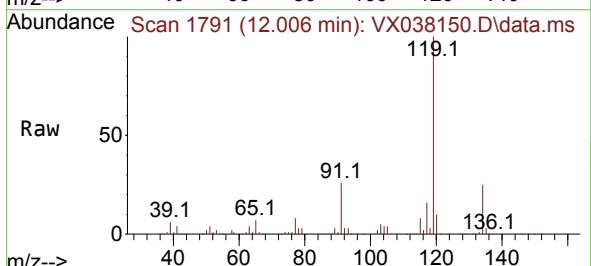
Instrument :  
 MSVOA\_X  
 ClientSampleId :

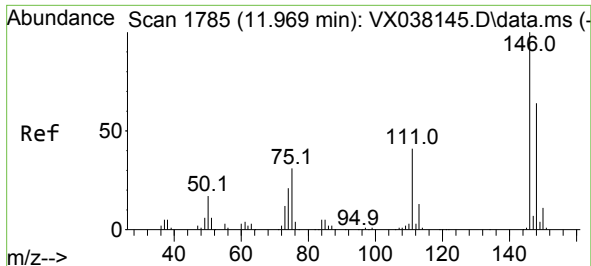
Tgt Ion:105 Resp: 185684  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 0.0 41.2



#82  
 p-Isopropyltoluene  
 Concen: 20.428 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.006 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01

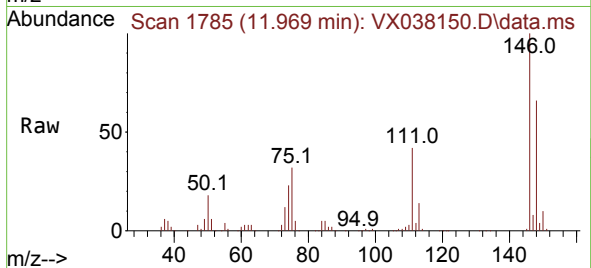
Tgt Ion:119 Resp: 151049  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 0.0 53.2  
 91 25.6 0.0 49.4



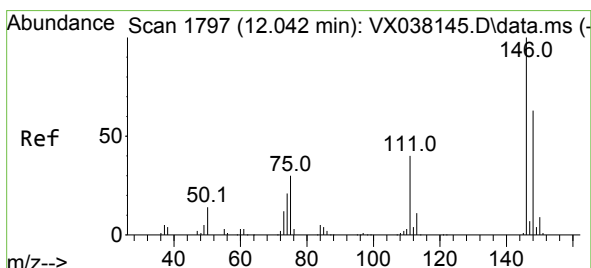
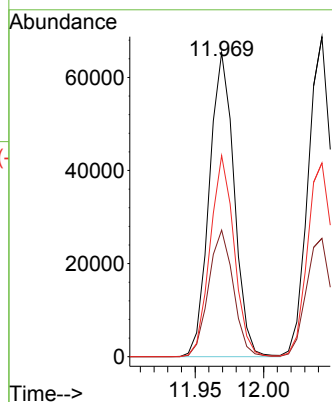
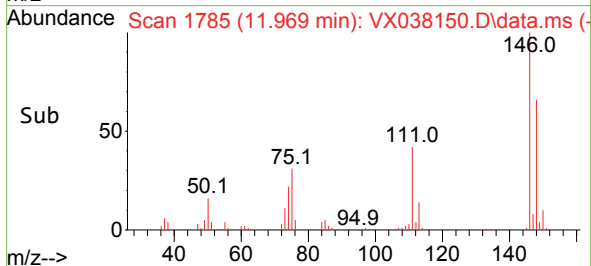


#83  
1,3-Dichlorobenzene  
Concen: 20.686 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

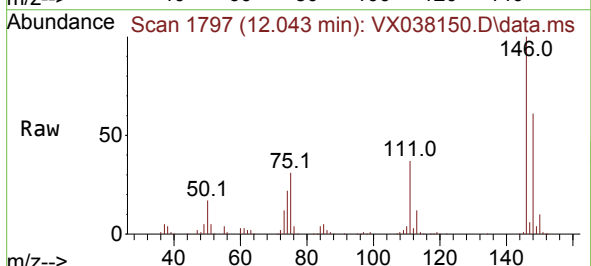
Instrument :  
MSVOA\_X  
ClientSampleId :



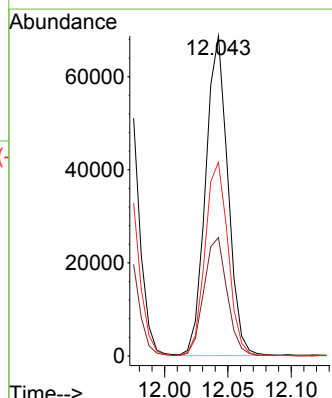
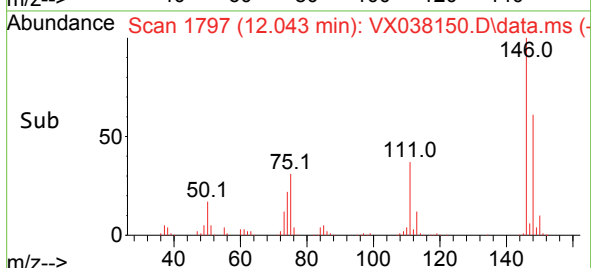
Tgt Ion:146 Resp: 82279  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.4 61.2  
148 64.0 31.6 94.8

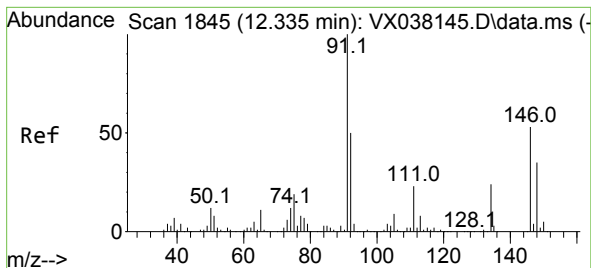


#84  
1,4-Dichlorobenzene  
Concen: 20.774 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01



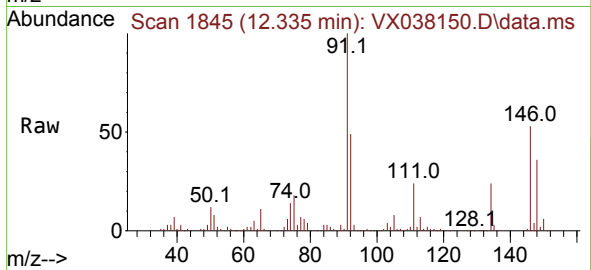
Tgt Ion:146 Resp: 84133  
Ion Ratio Lower Upper  
146 100  
111 38.4 20.2 60.6  
148 62.9 32.1 96.3



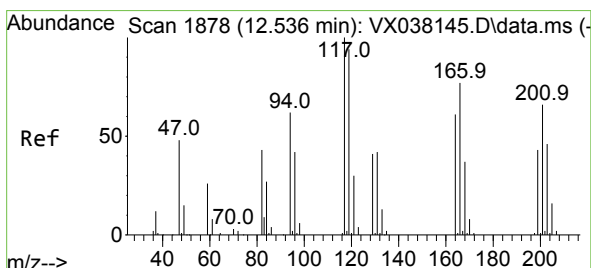
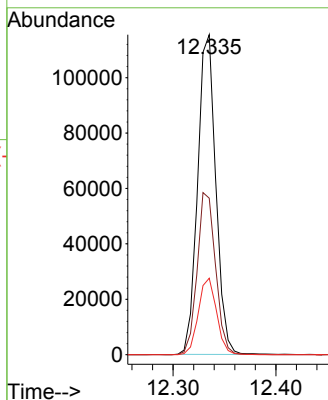
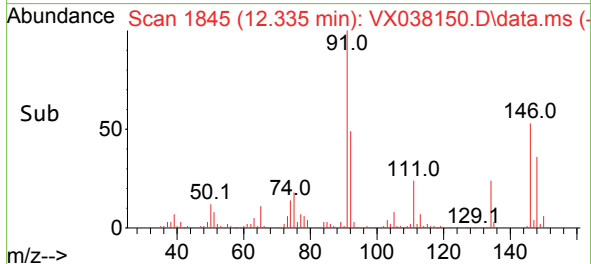


#85  
n-Butylbenzene  
Concen: 20.134 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

Instrument :  
MSVOA\_X  
ClientSampleId :

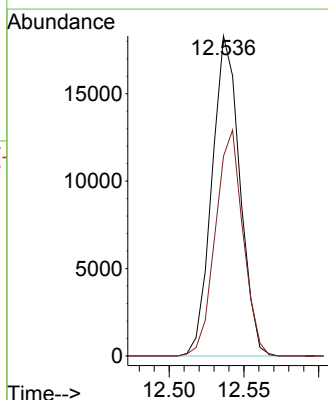
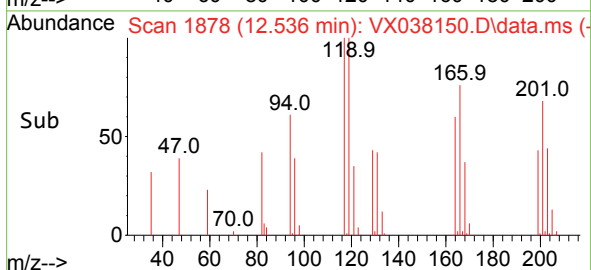
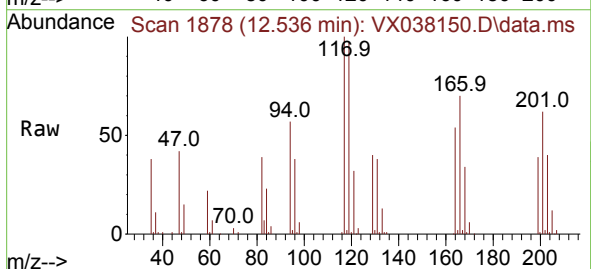


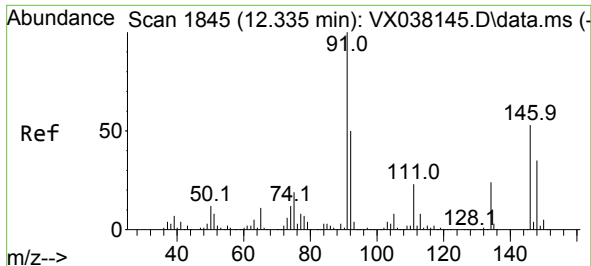
Tgt Ion: 91 Resp: 142055  
Ion Ratio Lower Upper  
91 100  
92 51.2 0.0 105.2  
134 24.1 0.0 51.4



#86  
Hexachloroethane  
Concen: 19.441 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

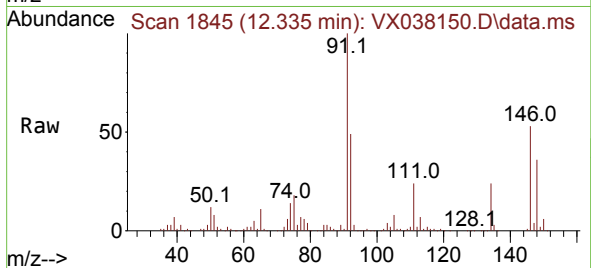
Tgt Ion: 117 Resp: 23764  
Ion Ratio Lower Upper  
117 100  
201 69.8 36.0 108.0



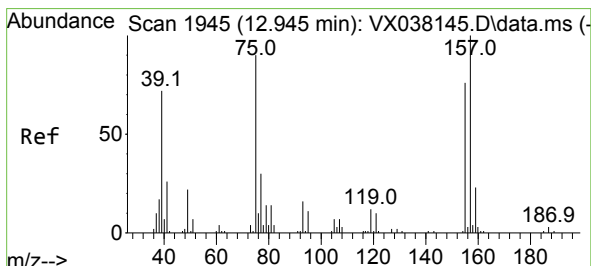
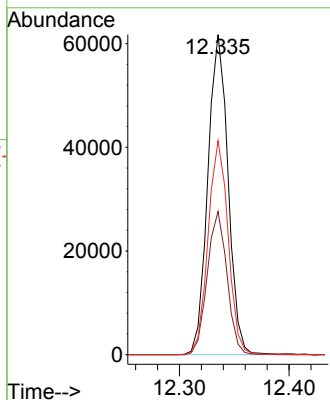
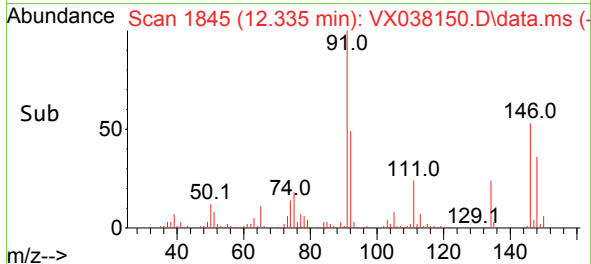


#87  
 1,2-Dichlorobenzene  
 Concen: 20.541 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01

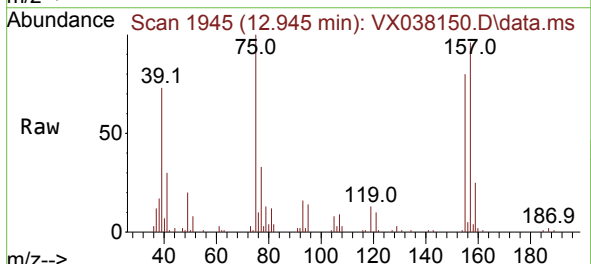
Instrument :  
 MSVOA\_X  
 ClientSampleId :



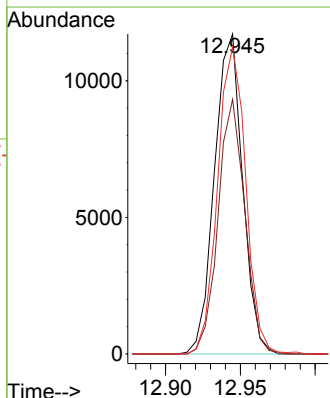
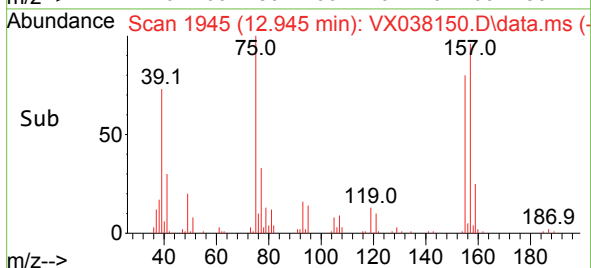
Tgt Ion:146 Resp: 79193  
 Ion Ratio Lower Upper  
 146 100  
 111 43.7 21.4 64.3  
 148 66.0 33.2 99.6

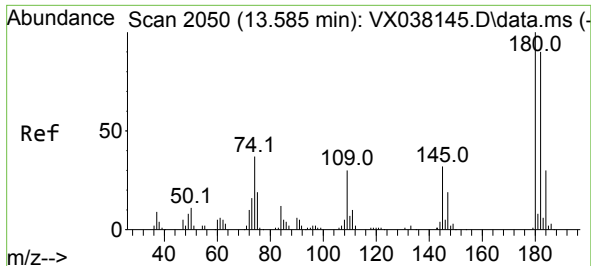


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.753 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.000 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01



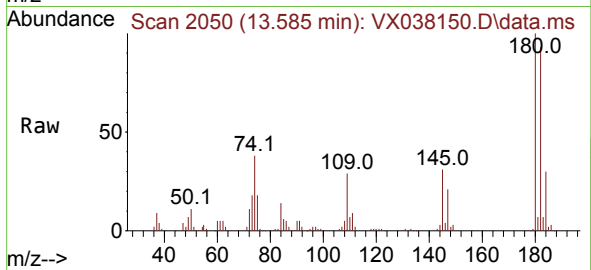
Tgt Ion: 75 Resp: 15294  
 Ion Ratio Lower Upper  
 75 100  
 155 75.7 62.7 94.1  
 157 96.2 81.5 122.3



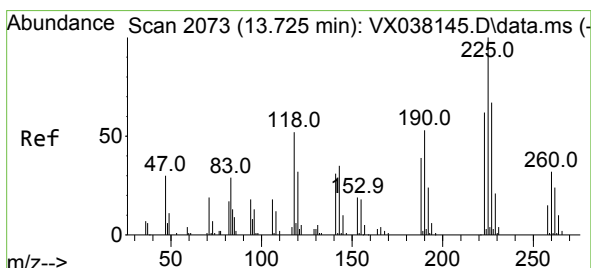
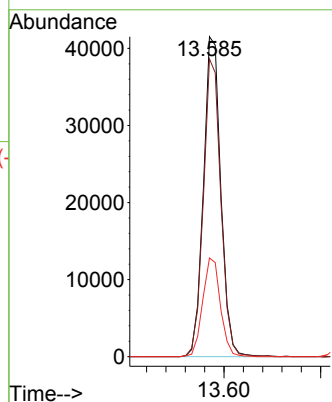
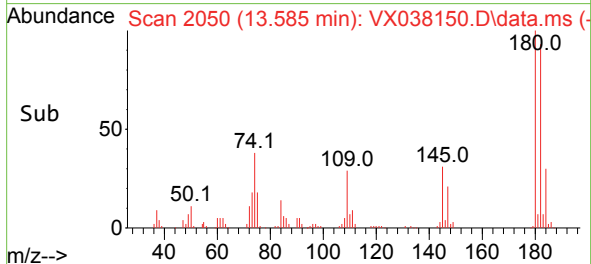


#89  
 1,2,4-Trichlorobenzene  
 Concen: 20.757 ug/l  
 RT: 13.585 min Scan# 2050  
 Delta R.T. 0.000 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01

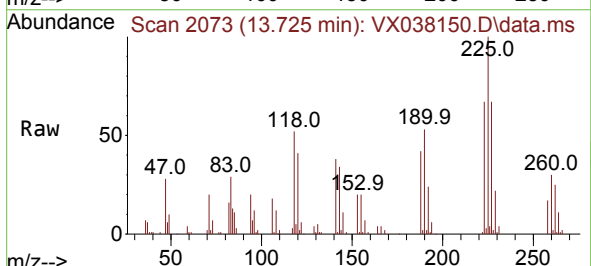
Instrument :  
 MSVOA\_X  
 ClientSampleId :



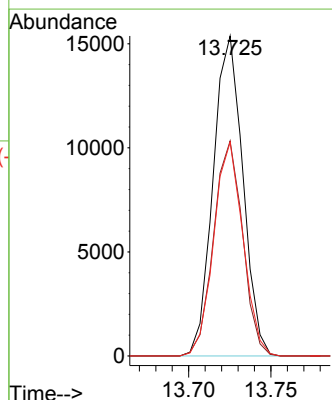
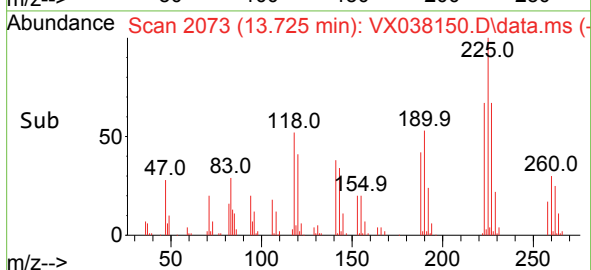
Tgt Ion:180 Resp: 51953  
 Ion Ratio Lower Upper  
 180 100  
 182 93.2 75.6 113.4  
 145 31.5 25.4 38.2

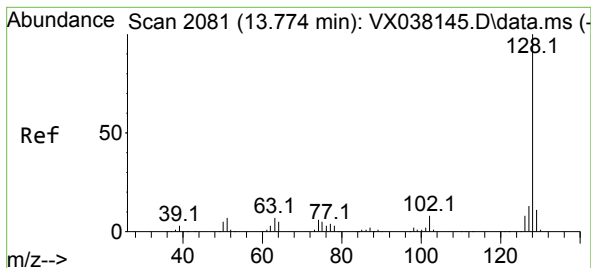


#90  
 Hexachlorobutadiene  
 Concen: 19.188 ug/l  
 RT: 13.725 min Scan# 2073  
 Delta R.T. 0.000 min  
 Lab File: VX038150.D  
 Acq: 07 Oct 2023 01:01



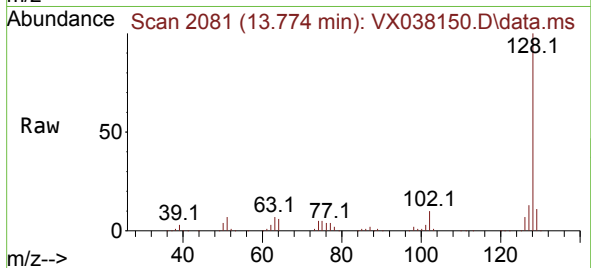
Tgt Ion:225 Resp: 19318  
 Ion Ratio Lower Upper  
 225 100  
 223 65.7 0.0 124.2  
 227 65.6 0.0 120.4



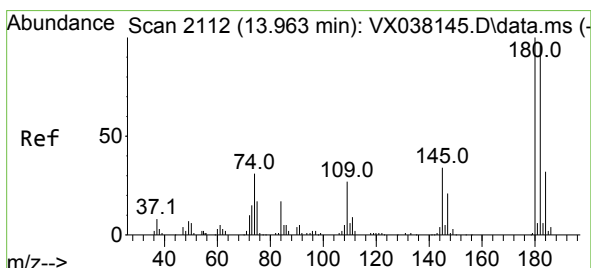
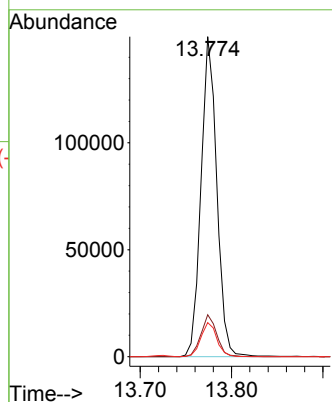
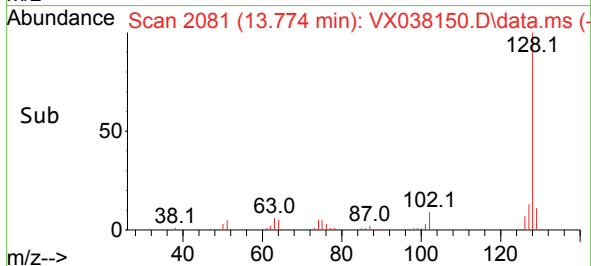


#91  
Naphthalene  
Concen: 20.961 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01

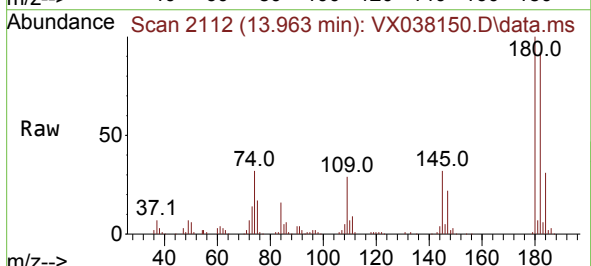
Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 179674  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.3 15.5  
129 10.8 8.7 13.1



#92  
1,2,3-Trichlorobenzene  
Concen: 20.388 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX038150.D  
Acq: 07 Oct 2023 01:01



Tgt Ion:180 Resp: 49951  
Ion Ratio Lower Upper  
180 100  
182 94.5 0.0 190.6  
145 32.8 0.0 66.8

