

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082223\  
 Data File : VX037170.D  
 Acq On : 22 Aug 2023 22:20  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 23 01:51:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 42417    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 101201   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 112770   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 62257    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 62064    | 101.492  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 202.980%# |      |
| 35) Dibromofluoromethane    | 5.391  | 113   | 44347    | 66.167   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 132.340%# |      |
| 50) Toluene-d8              | 8.647  | 98    | 134670   | 55.393   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 110.780%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 65102    | 68.140   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 136.280%# |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 16379  | 33.242  | ug/l   | 97  |
| 3) Chloromethane             | 1.294 | 50  | 28425  | 65.942  | ug/l   | 97  |
| 4) Vinyl Chloride            | 1.374 | 62  | 20256  | 43.171  | ug/l   | 100 |
| 5) Bromomethane              | 1.617 | 94  | 23024  | 98.511  | ug/l   | 98  |
| 6) Chloroethane              | 1.691 | 64  | 17778  | 64.387  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 29058  | 37.806  | ug/l   | 98  |
| 8) Diethyl Ether             | 2.136 | 74  | 28579  | 96.108  | ug/l   | 77  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 14869  | 33.161  | ug/l   | 96  |
| 10) Methyl Iodide            | 2.453 | 142 | 43528  | 79.874  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 3.007 | 59  | 101868 | 710.140 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 19075  | 43.686  | ug/l   | 89  |
| 13) Acrolein                 | 2.245 | 56  | 47213  | 432.643 | ug/l   | 98  |
| 14) Allyl chloride           | 2.666 | 41  | 49980  | 73.952  | ug/l   | 93  |
| 15) Acrylonitrile            | 3.068 | 53  | 164989 | 644.398 | ug/l   | 99  |
| 16) Acetone                  | 2.398 | 43  | 156752 | 655.232 | ug/l   | 92  |
| 17) Carbon Disulfide         | 2.514 | 76  | 48923  | 44.049  | ug/l   | 97  |
| 18) Methyl Acetate           | 2.709 | 43  | 108972 | 120.979 | ug/l # | 88  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 165436 | 99.900  | ug/l   | 96  |
| 20) Methylene Chloride       | 2.788 | 84  | 43988  | 82.222  | ug/l   | 89  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 28498  | 57.414  | ug/l   | 91  |
| 22) Diisopropyl ether        | 3.757 | 45  | 122031 | 87.992  | ug/l # | 86  |
| 23) Vinyl Acetate            | 3.721 | 43  | 552119 | 519.514 | ug/l # | 91  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 61314  | 70.501  | ug/l   | 97  |
| 25) 2-Butanone               | 4.568 | 43  | 230630 | 640.264 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 27857  | 35.867  | ug/l   | 91  |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 44583  | 76.190  | ug/l   | 85  |
| 28) Bromochloromethane       | 4.897 | 49  | 39690  | 102.161 | ug/l # | 75  |
| 29) Tetrahydrofuran          | 5.013 | 42  | 143075 | 622.831 | ug/l # | 84  |
| 30) Chloroform               | 5.092 | 83  | 75403  | 77.236  | ug/l   | 98  |
| 31) Cyclohexane              | 5.476 | 56  | 23821  | 34.644  | ug/l   | 85  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 44517  | 50.885  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 31215  | 32.781  | ug/l   | 97  |
| 37) Ethyl Acetate            | 4.714 | 43  | 82190  | 84.497  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 33090  | 31.991  | ug/l   | 100 |
| 39) Methylcyclohexane        | 7.379 | 83  | 26436  | 26.424  | ug/l   | 91  |
| 40) Benzene                  | 6.043 | 78  | 140579 | 51.476  | ug/l   | 98  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 23 01:51:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 42583    | 84.213   | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 73659    | 68.779   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 122034   | 79.024   | ug/l # | 92       |
| 44) Trichloroethene           | 7.129  | 130  | 32891    | 42.474   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 42178    | 62.637   | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 38619    | 72.802   | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.824  | 83   | 66121    | 65.076   | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.696  | 41   | 60343    | 80.125   | ug/l # | 88       |
| 49) 1,4-Dioxane               | 7.720  | 88   | 45221    | 2229.556 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 405817   | 432.768  | ug/l   | 91       |
| 52) Toluene                   | 8.720  | 92   | 91568    | 50.747   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 73319    | 67.772   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 73379    | 62.766   | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 53827    | 73.259   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 87363    | 75.910   | ug/l   | 88       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 88982    | 71.841   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 216827   | 392.593  | ug/l   | 92       |
| 59) 2-Hexanone                | 9.433  | 43   | 325563   | 455.338  | ug/l   | 89       |
| 60) Dibromochloromethane      | 9.518  | 129  | 56717    | 72.502   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 60552    | 75.271   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 22011    | 26.756   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 114201   | 47.915   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 46539    | 52.905   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 167441   | 39.925   | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 131010   | 80.891   | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 71929    | 45.014   | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 134860   | 51.236   | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 42419    | 64.466   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 147891   | 32.682   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 102800   | 58.465   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 92198    | 60.499   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 102498   | 77.306   | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 54589    | 49.395   | ug/l   | 92       |
| 78) n-propylbenzene           | 11.305 | 91   | 170940   | 33.925   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 132178   | 41.049   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 140900   | 37.327   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 25538    | 53.798   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 157749   | 42.440   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 129492   | 35.970   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 158066   | 41.433   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 134217   | 31.919   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 124667   | 34.440   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 95437    | 46.125   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 100110   | 46.830   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 99029    | 32.998   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 23348    | 38.644   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 103242   | 50.956   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 25287    | 71.411   | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 62893    | 53.051   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 12978    | 28.337   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 284256   | 54.738   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 65707    | 55.787   | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

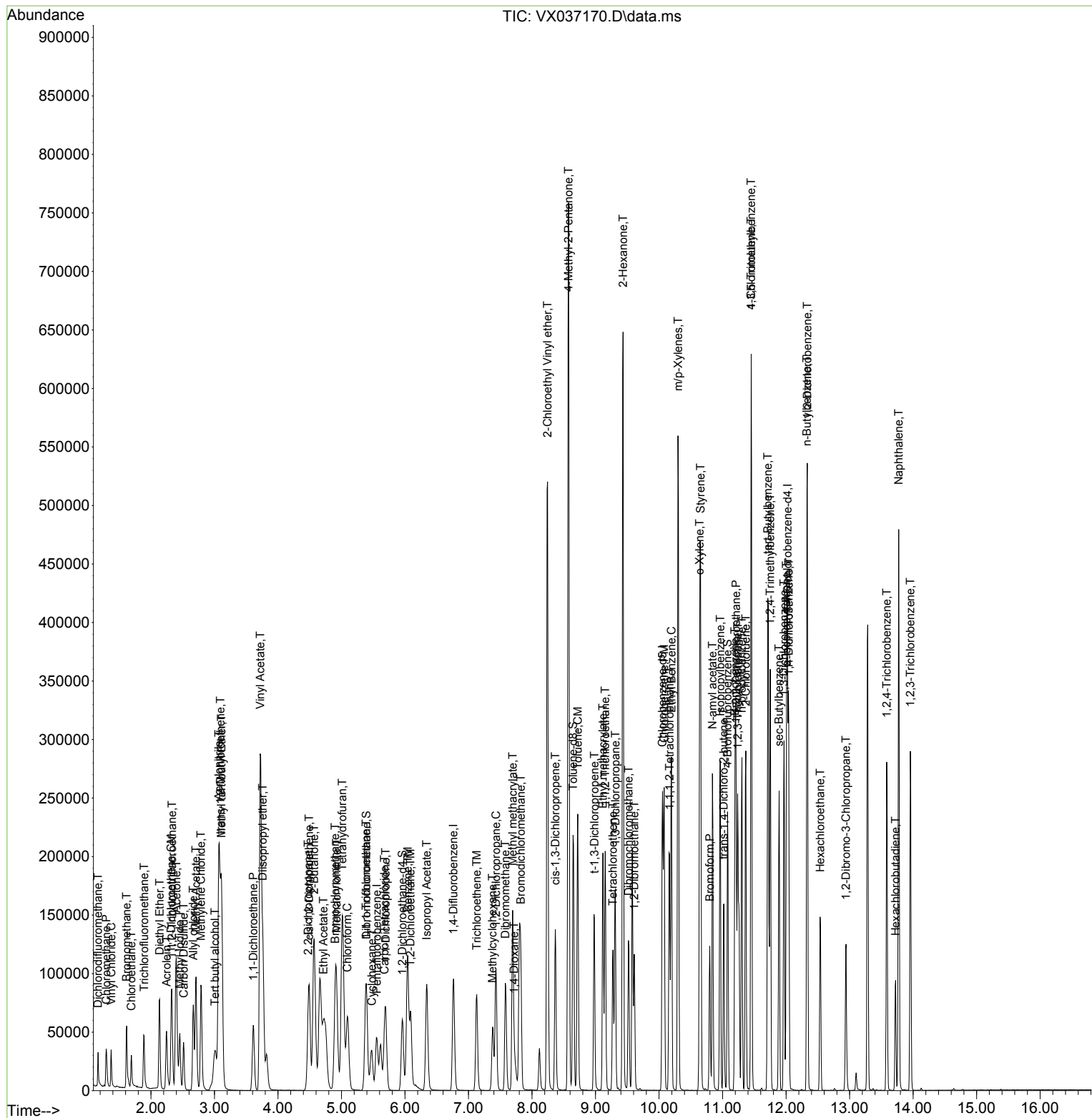
Instrument :  
MSVOA\_X  
ClientSampleId :

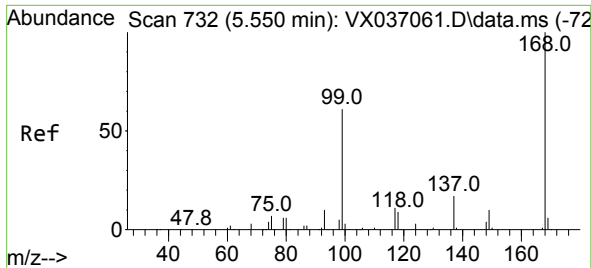
Quant Time: Aug 23 01:51:49 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

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

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

Quant Time: Aug 23 01:51:49 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

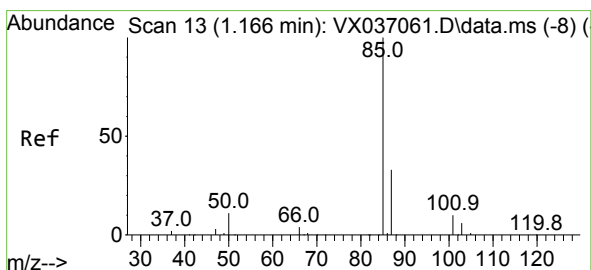
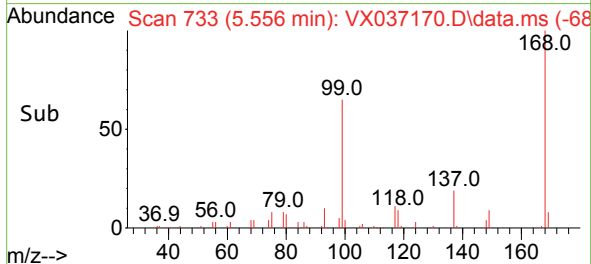
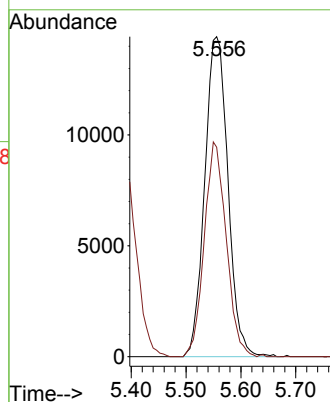
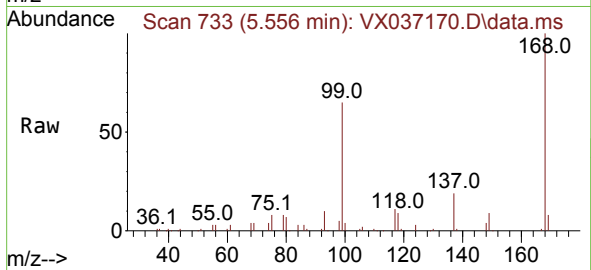




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

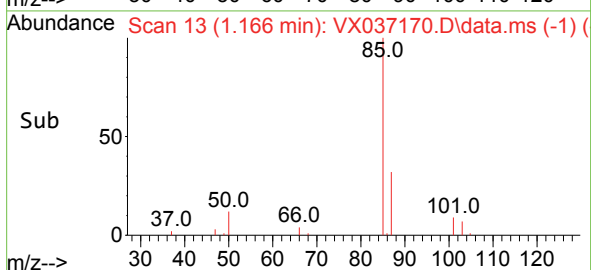
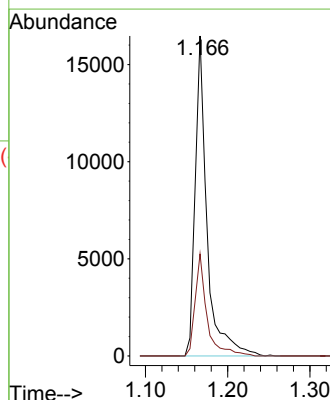
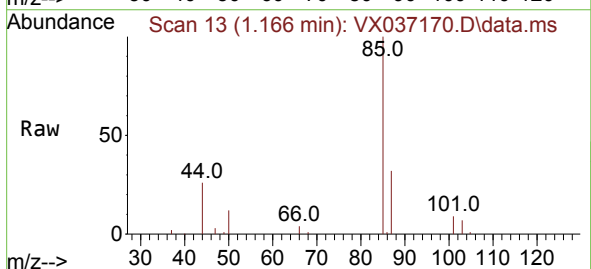
Instrument :  
MSVOA\_X  
ClientSampleId :

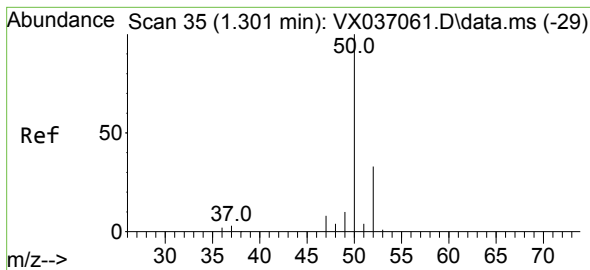
Tgt Ion:168 Resp: 42417  
Ion Ratio Lower Upper  
168 100  
99 65.4 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 33.242 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 85 Resp: 16379  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.7 50.1





#3

Chloromethane

Concen: 65.942 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

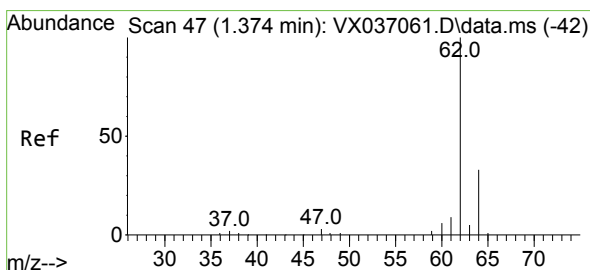
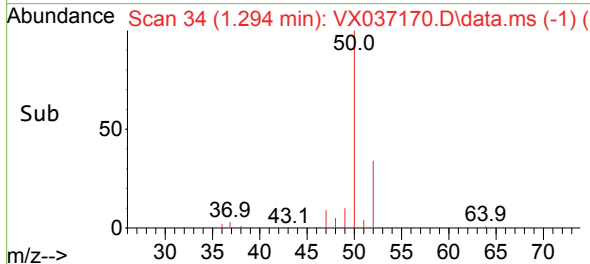
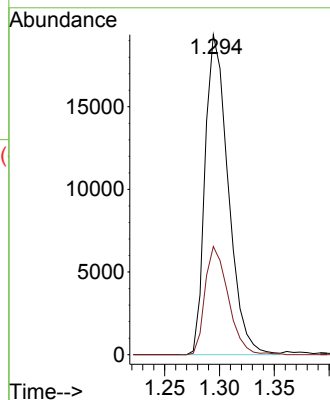
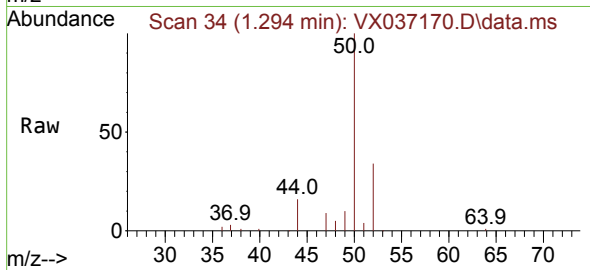
ClientSampleId :

Tgt Ion: 50 Resp: 28425

Ion Ratio Lower Upper

50 100

52 33.8 25.5 38.3



#4

Vinyl Chloride

Concen: 43.171 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX037170.D

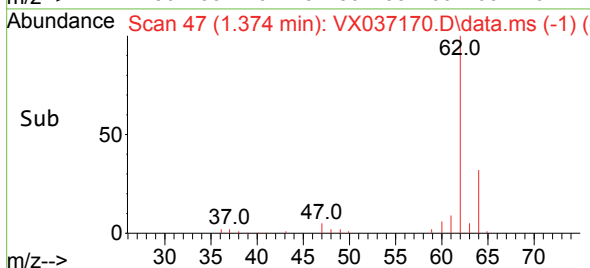
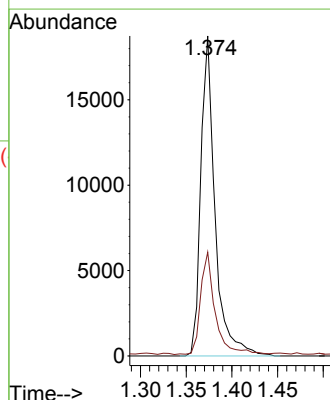
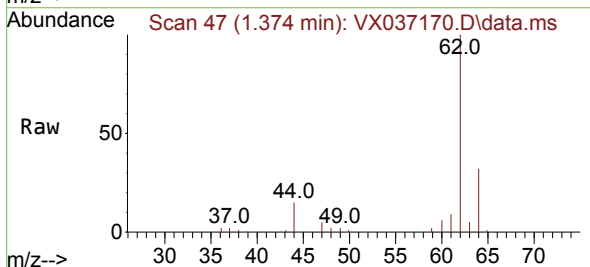
Acq: 22 Aug 2023 22:20

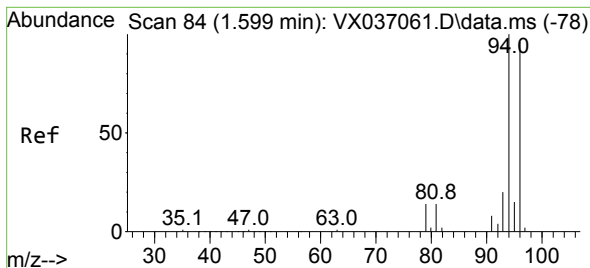
Tgt Ion: 62 Resp: 20256

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 98.511 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

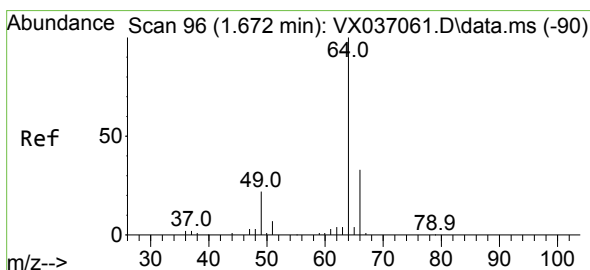
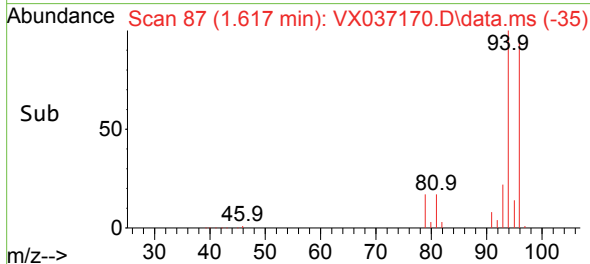
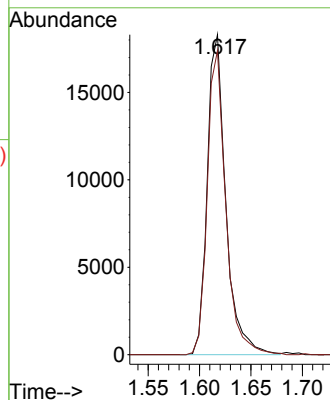
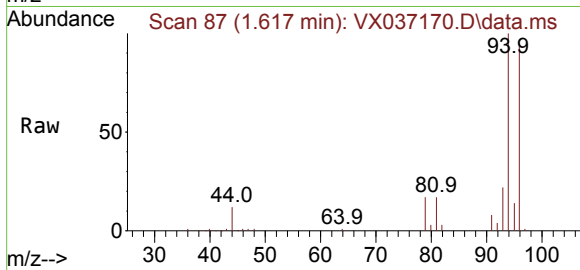
ClientSampleId :

Tgt Ion: 94 Resp: 23024

Ion Ratio Lower Upper

94 100

96 95.1 74.6 111.8



#6

Chloroethane

Concen: 64.387 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.019 min

Lab File: VX037170.D

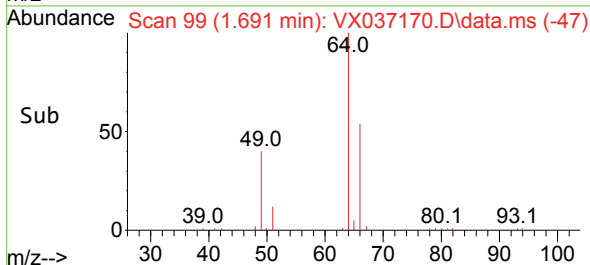
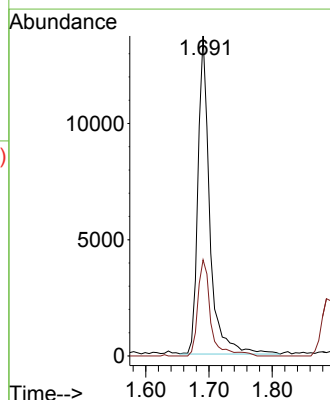
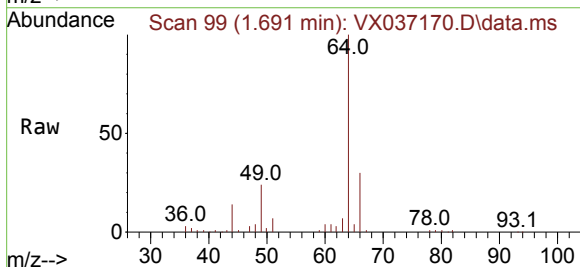
Acq: 22 Aug 2023 22:20

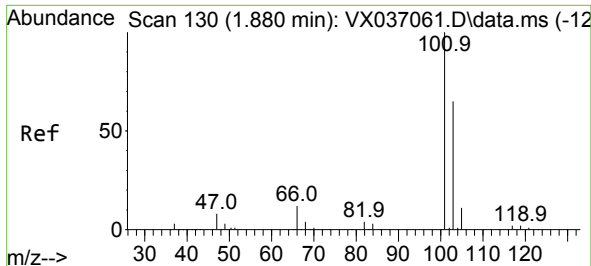
Tgt Ion: 64 Resp: 17778

Ion Ratio Lower Upper

64 100

66 30.2 25.1 37.7

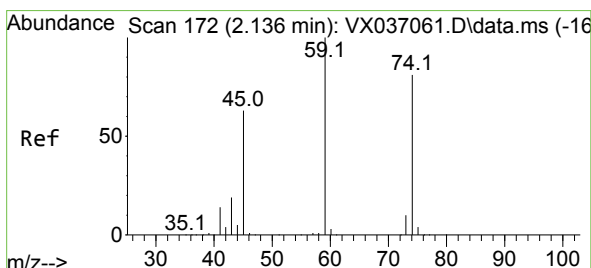
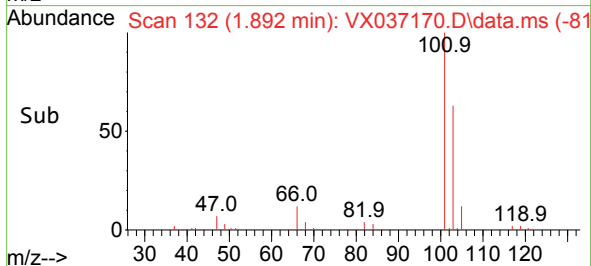
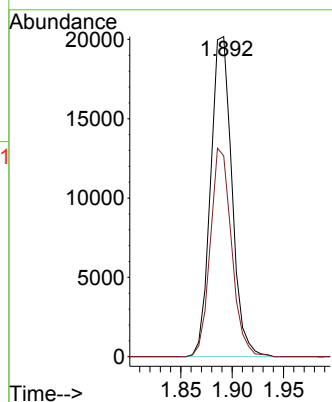
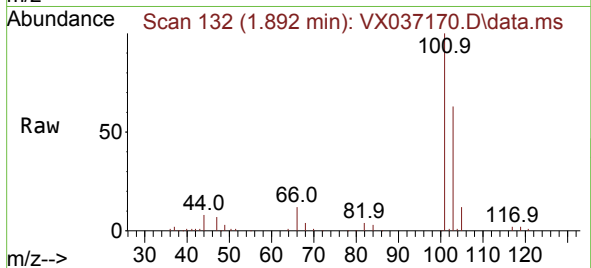




#7  
 Trichlorofluoromethane  
 Concen: 37.806 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.012 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

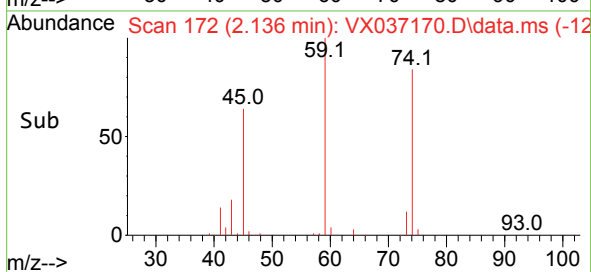
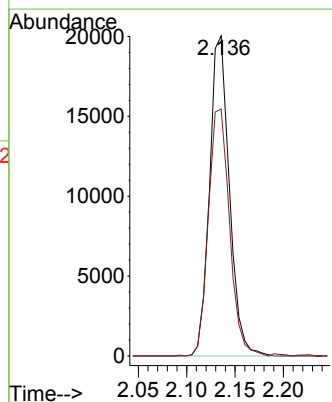
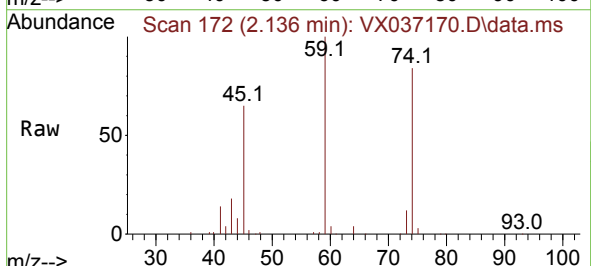
Instrument :  
 MSVOA\_X  
 ClientSampleId :

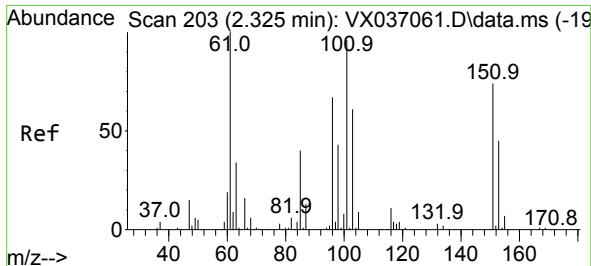
Tgt Ion:101 Resp: 29058  
 Ion Ratio Lower Upper  
 101 100  
 103 62.8 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 96.108 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

Tgt Ion: 74 Resp: 28579  
 Ion Ratio Lower Upper  
 74 100  
 45 82.4 53.3 159.8

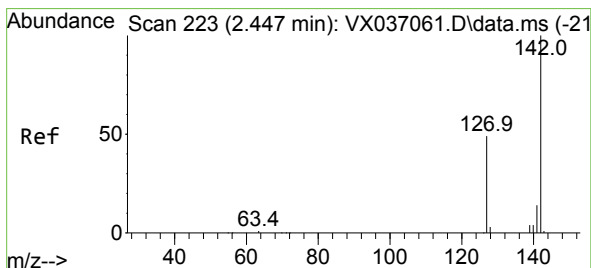
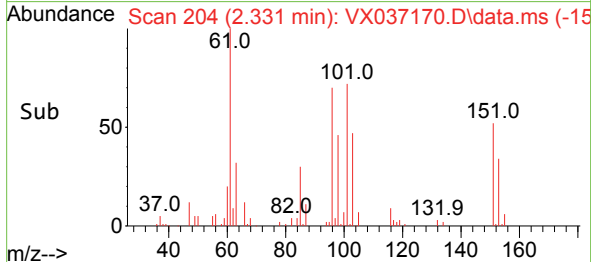
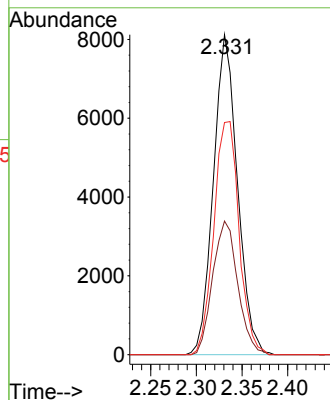
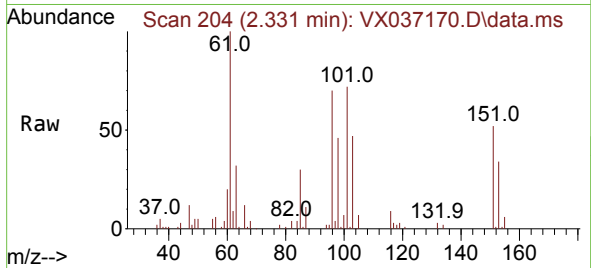




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 33.161 ug/l  
RT: 2.331 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

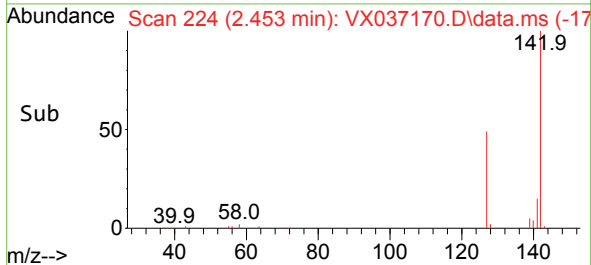
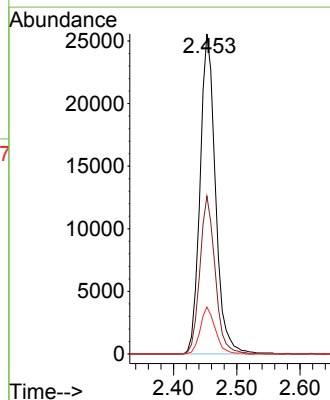
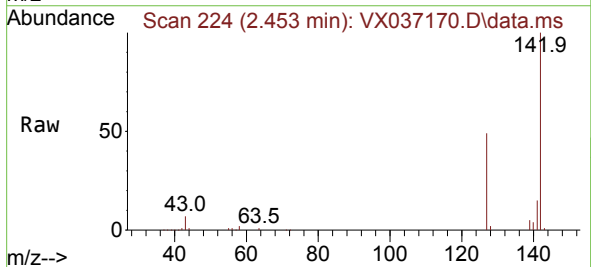
Instrument :  
MSVOA\_X  
ClientSampleId :

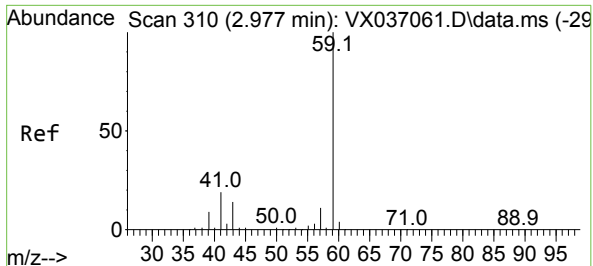
Tgt Ion:101 Resp: 14869  
Ion Ratio Lower Upper  
101 100  
85 43.5 37.0 55.6  
151 76.2 58.6 87.8



#10  
Methyl Iodide  
Concen: 79.874 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion:142 Resp: 43528  
Ion Ratio Lower Upper  
142 100  
127 48.6 41.6 62.4  
141 14.3 11.6 17.4

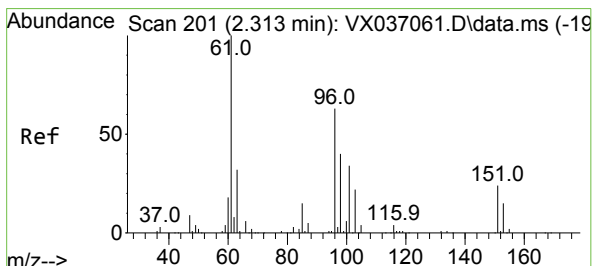
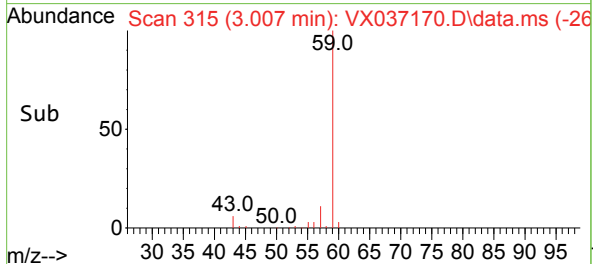
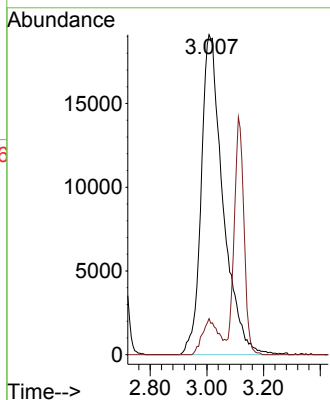
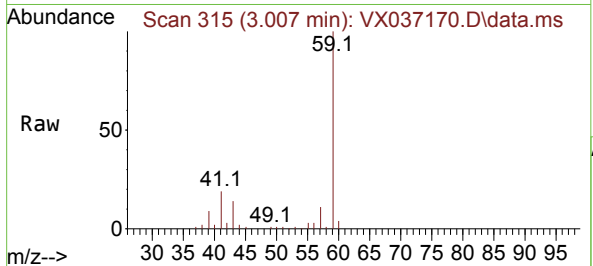




#11  
Tert butyl alcohol  
Concen: 710.140 ug/l  
RT: 3.007 min Scan# 31  
Delta R.T. 0.030 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

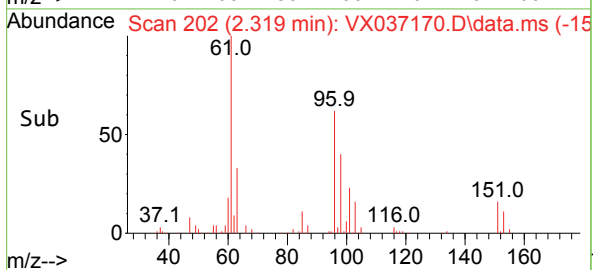
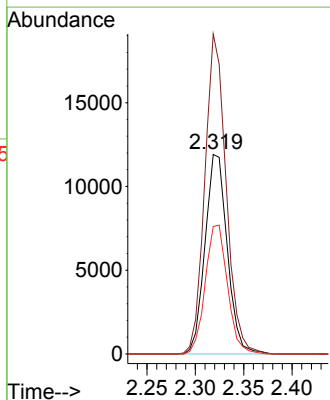
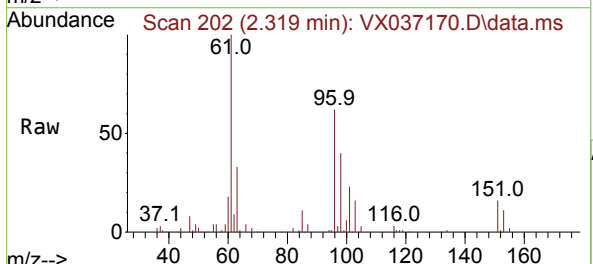
Instrument :  
MSVOA\_X  
ClientSampleId :

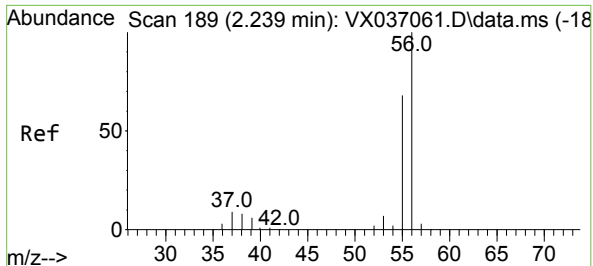
Tgt Ion: 59 Resp: 101868  
Ion Ratio Lower Upper  
59 100  
57 8.6 6.0 9.0



#12  
1,1-Dichloroethene  
Concen: 43.686 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 96 Resp: 19075  
Ion Ratio Lower Upper  
96 100  
61 160.3 144.6 216.8  
98 63.9 50.4 75.6

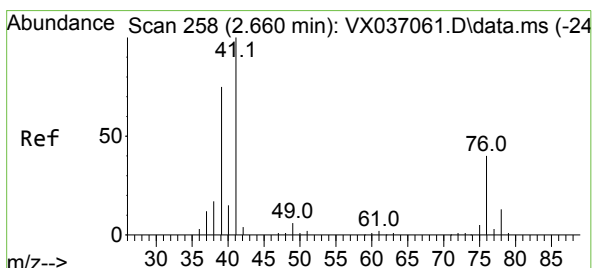
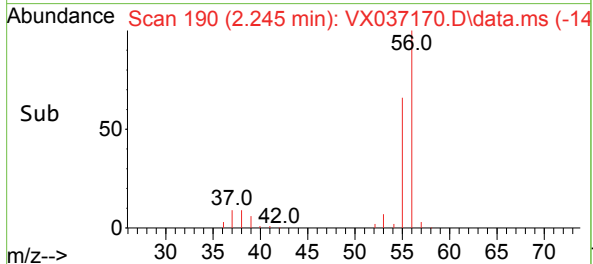
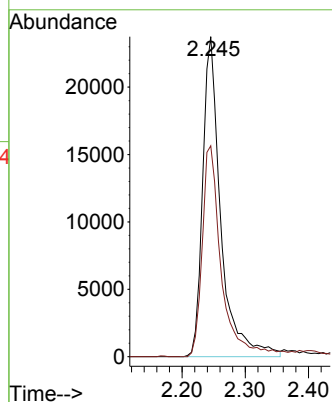
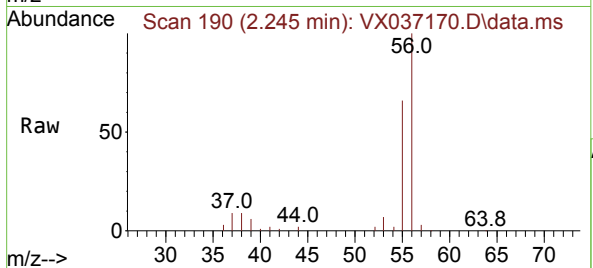




#13  
Acrolein  
Concen: 432.643 ug/l  
RT: 2.245 min Scan# 189  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

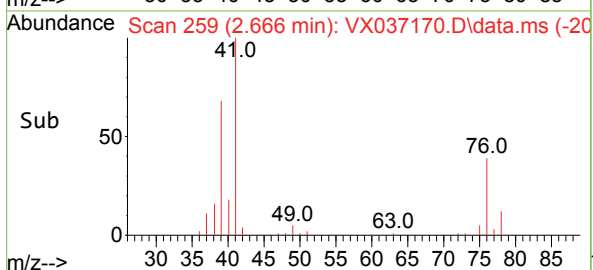
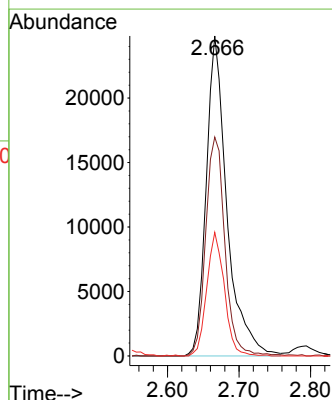
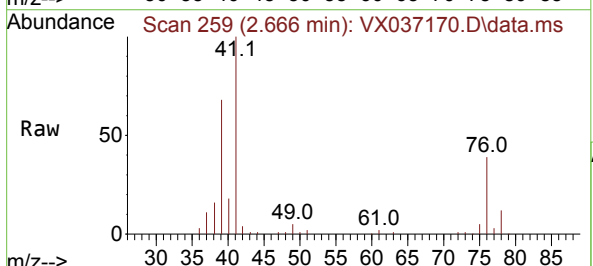
Instrument :  
MSVOA\_X  
ClientSampleId :

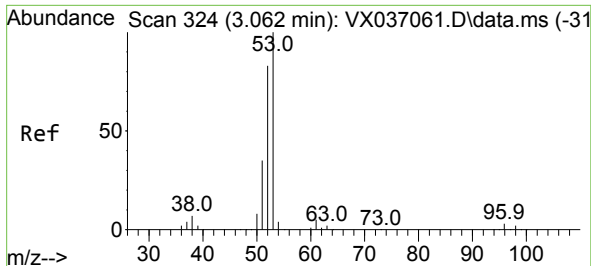
Tgt Ion: 56 Resp: 47213  
Ion Ratio Lower Upper  
56 100  
55 69.9 57.1 85.7



#14  
Allyl chloride  
Concen: 73.952 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 41 Resp: 49980  
Ion Ratio Lower Upper  
41 100  
39 63.4 55.8 83.6  
76 32.9 24.3 36.5

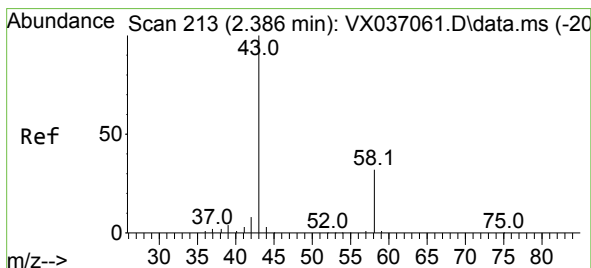
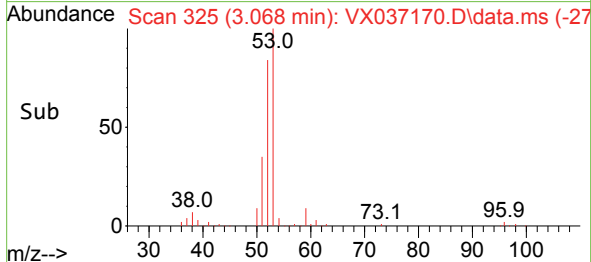
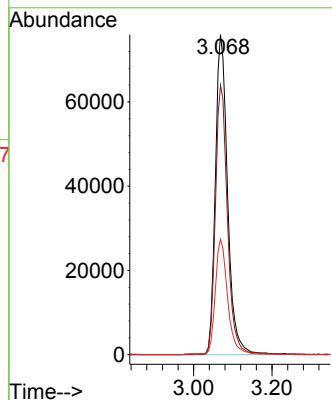
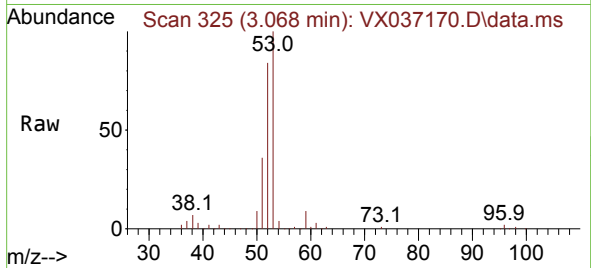




#15  
Acrylonitrile  
Concen: 644.398 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

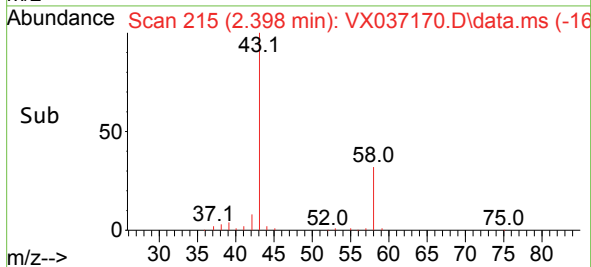
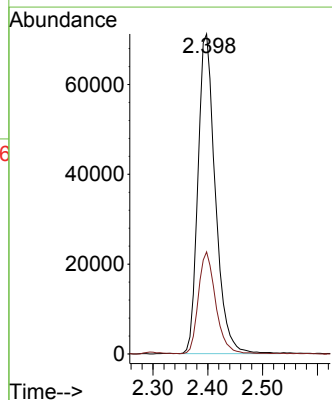
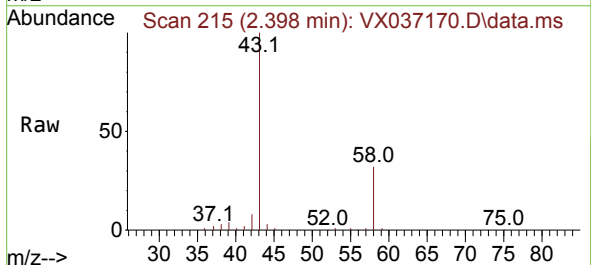
Instrument :  
MSVOA\_X  
ClientSampleId :

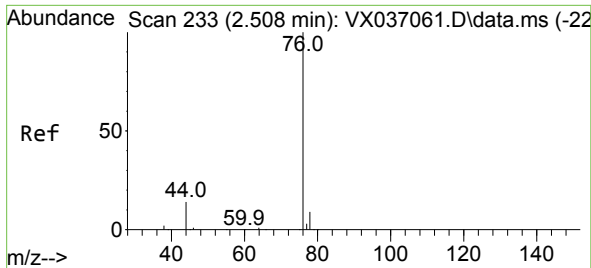
Tgt Ion: 53 Resp: 164989  
Ion Ratio Lower Upper  
53 100  
52 83.0 66.0 99.0  
51 36.5 29.8 44.6



#16  
Acetone  
Concen: 655.232 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. 0.012 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 43 Resp: 156752  
Ion Ratio Lower Upper  
43 100  
58 31.8 21.9 32.9

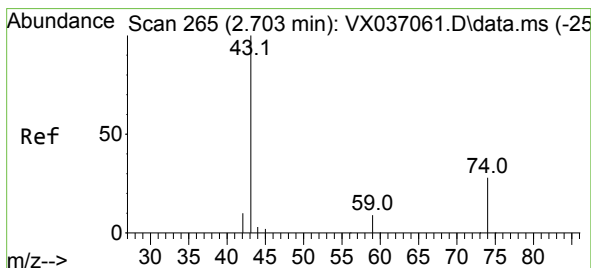
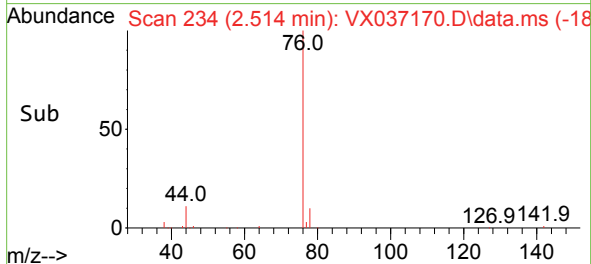
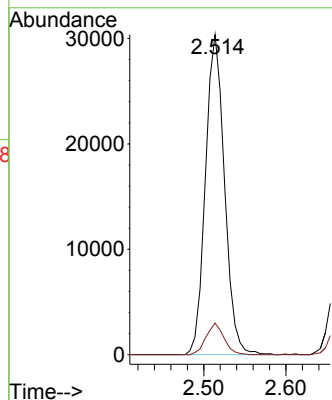
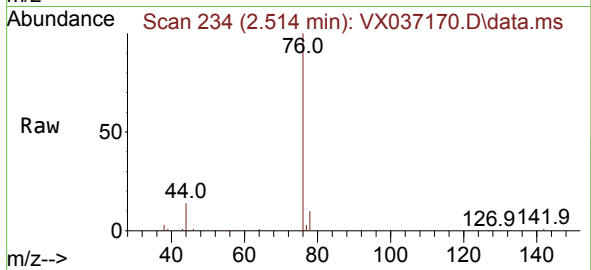




#17  
Carbon Disulfide  
Concen: 44.049 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

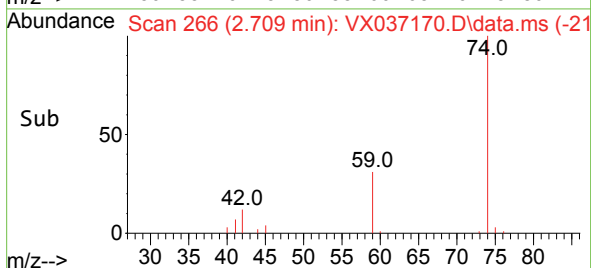
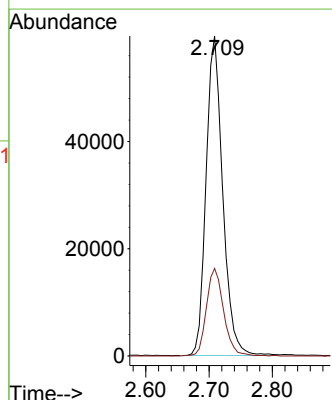
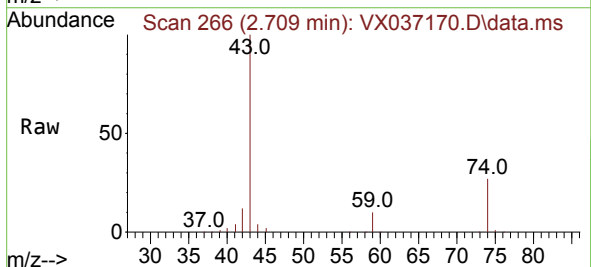
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 76 Resp: 48923  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.0 10.6



#18  
Methyl Acetate  
Concen: 120.979 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 43 Resp: 108972  
Ion Ratio Lower Upper  
43 100  
74 28.3 17.8 26.8#

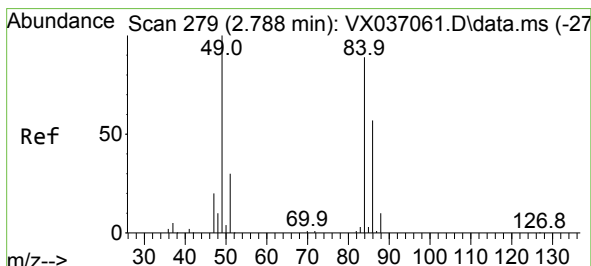
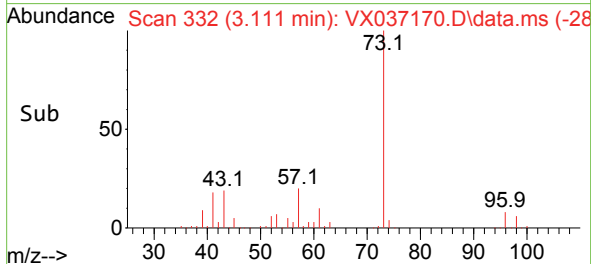
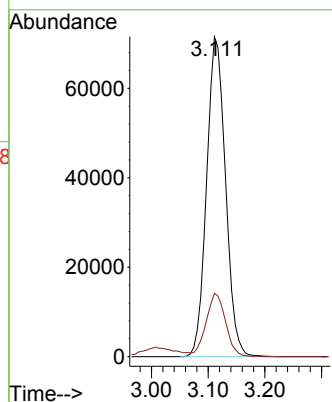
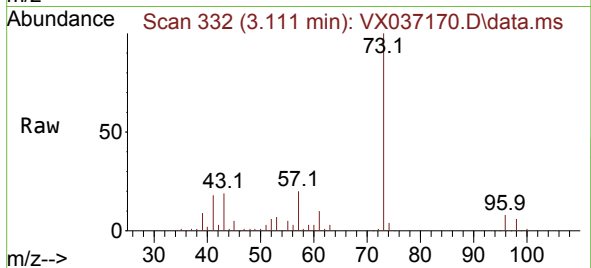




#19  
Methyl tert-butyl Ether  
Concen: 99.900 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

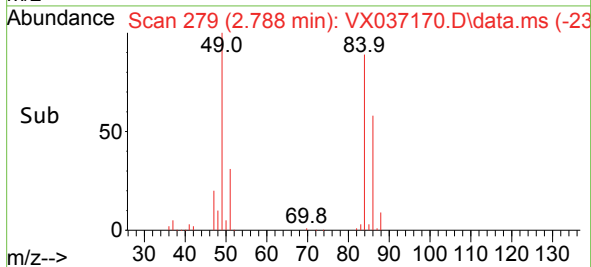
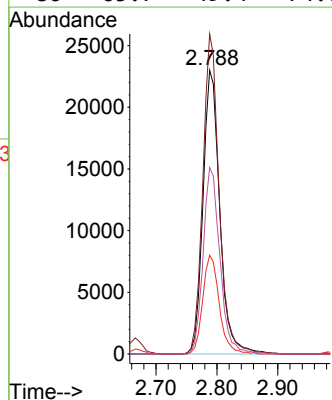
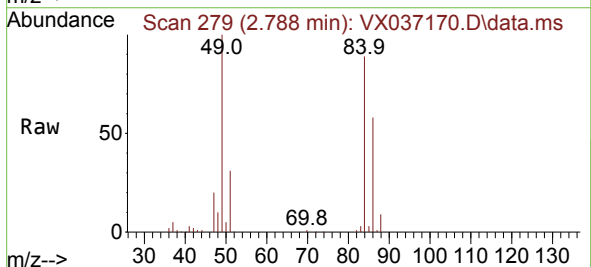
Instrument :  
MSVOA\_X  
ClientSampleId :

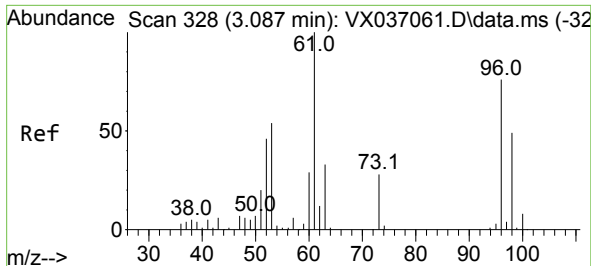
Tgt Ion: 73 Resp: 165436  
Ion Ratio Lower Upper  
73 100  
57 19.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 82.222 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 84 Resp: 43988  
Ion Ratio Lower Upper  
84 100  
49 112.8 103.6 155.4  
51 34.8 33.8 50.6  
86 65.7 49.4 74.0

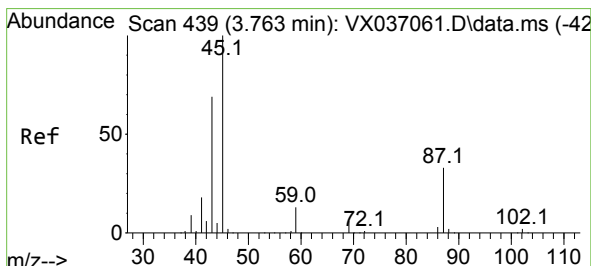
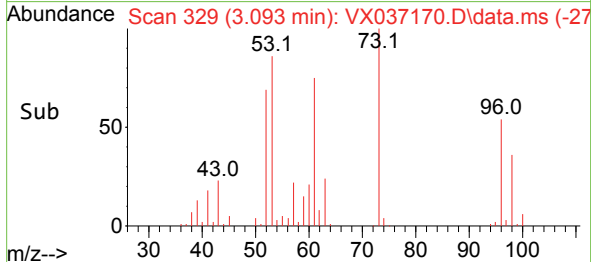
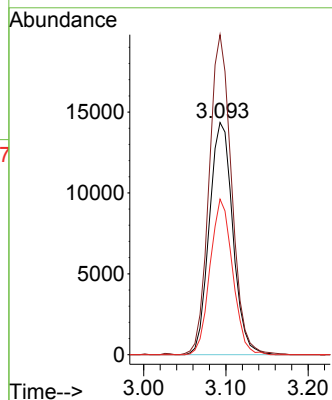
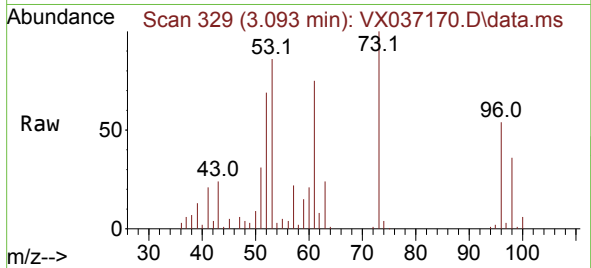




#21  
trans-1,2-Dichloroethene  
Concen: 57.414 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

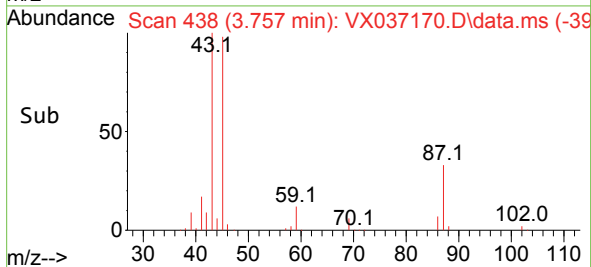
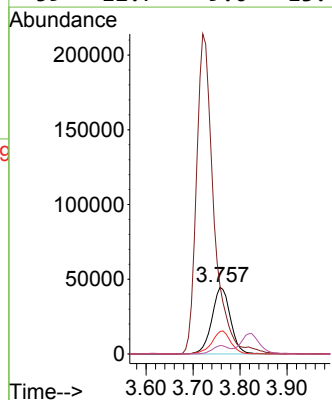
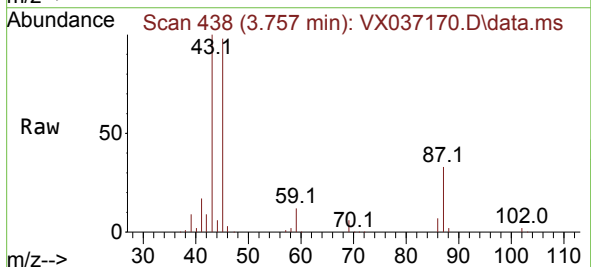
Instrument :  
MSVOA\_X  
ClientSampleId :

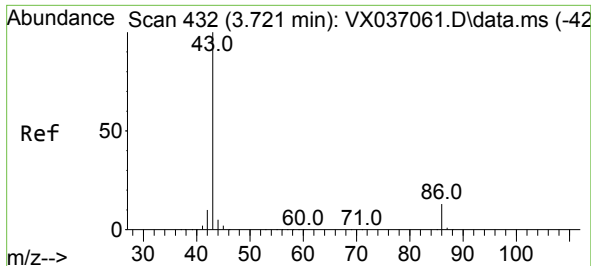
Tgt Ion: 96 Resp: 28498  
Ion Ratio Lower Upper  
96 100  
61 137.8 119.2 178.8  
98 67.0 48.7 73.1



#22  
Diisopropyl ether  
Concen: 87.992 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 45 Resp: 122031  
Ion Ratio Lower Upper  
45 100  
43 101.5 69.7 104.5  
87 33.6 20.8 31.2#  
59 12.7 9.0 13.4

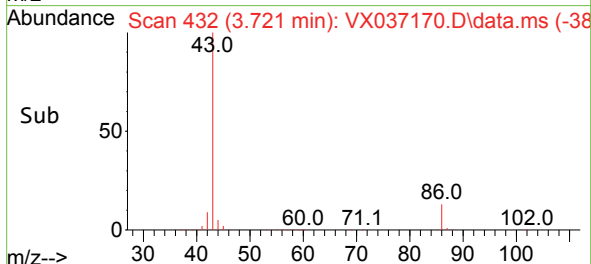
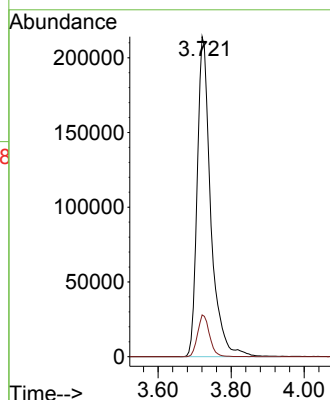
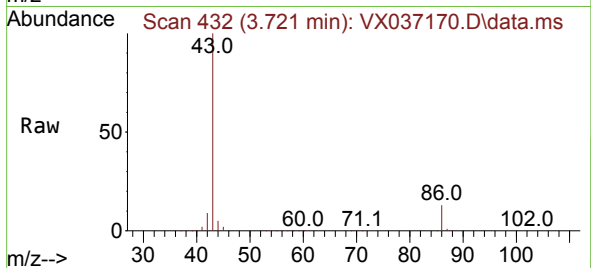




#23  
 Vinyl Acetate  
 Concen: 519.514 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

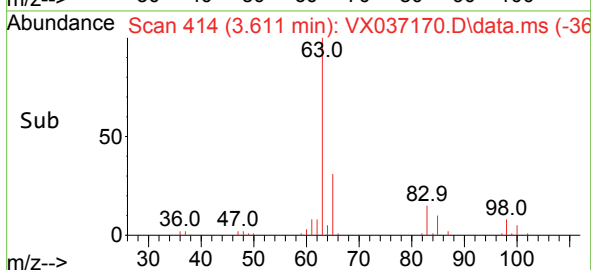
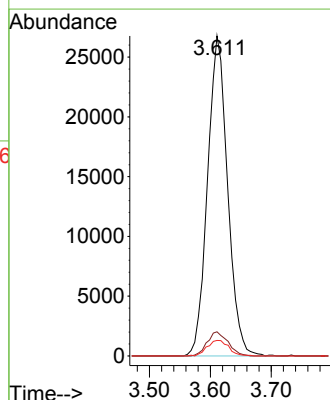
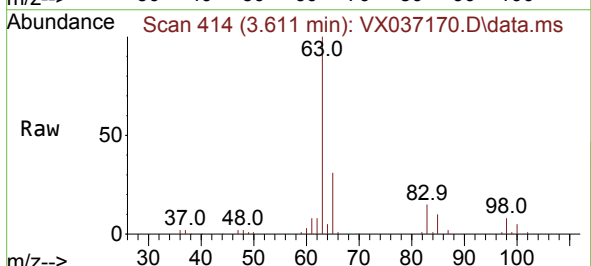
Instrument :  
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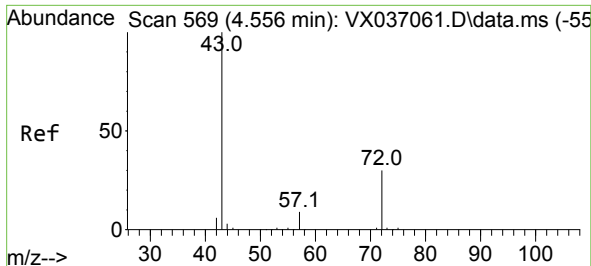
Tgt Ion: 43 Resp: 552119  
 Ion Ratio Lower Upper  
 43 100  
 86 13.1 7.8 11.8#



#24  
 1,1-Dichloroethane  
 Concen: 70.501 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

Tgt Ion: 63 Resp: 61314  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.3 9.8  
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 640.264 ug/l

RT: 4.568 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

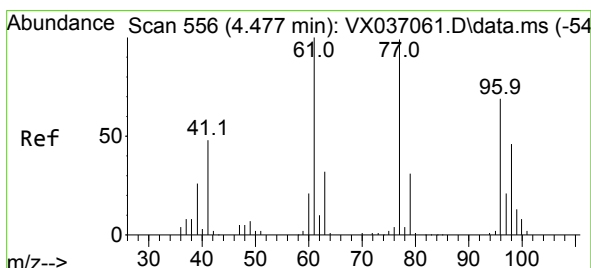
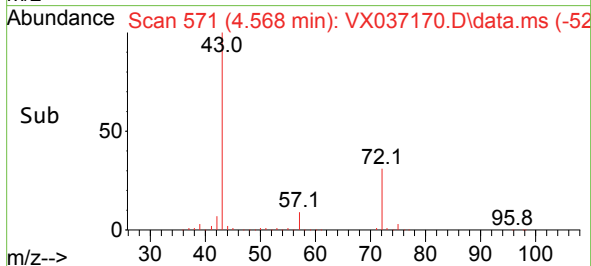
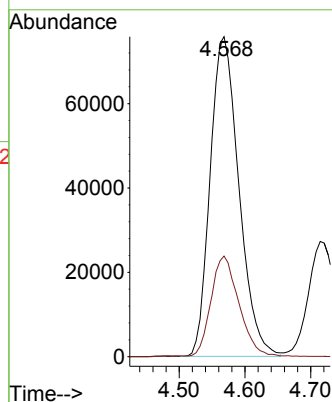
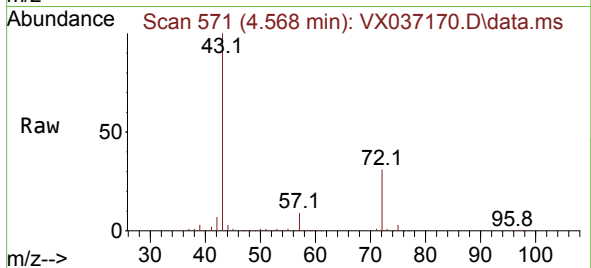
ClientSampleId :

Tgt Ion: 43 Resp: 230630

Ion Ratio Lower Upper

43 100

72 31.3 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 35.867 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037170.D

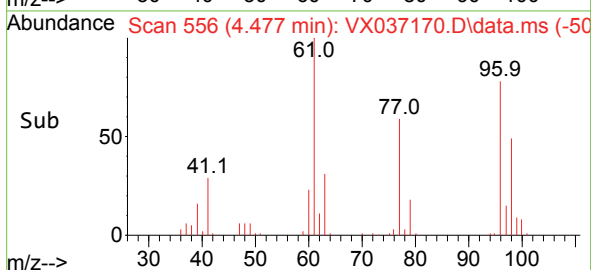
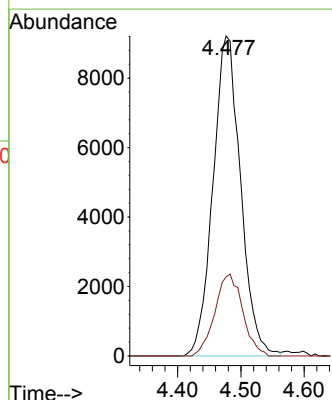
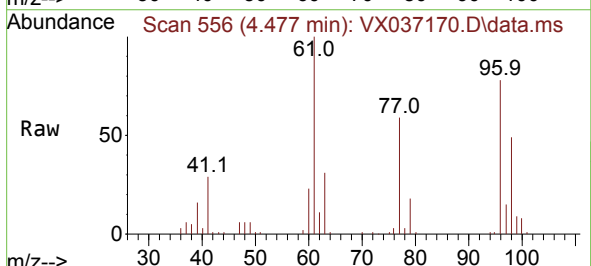
Acq: 22 Aug 2023 22:20

Tgt Ion: 77 Resp: 27857

Ion Ratio Lower Upper

77 100

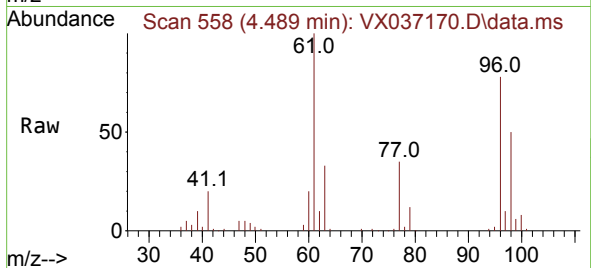
97 25.7 10.8 32.3





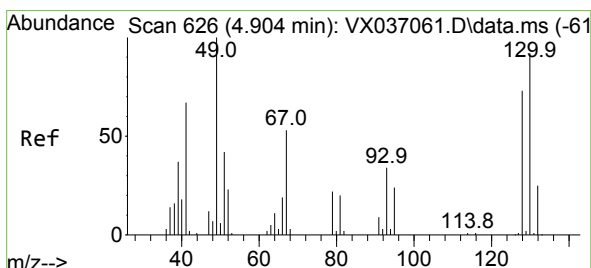
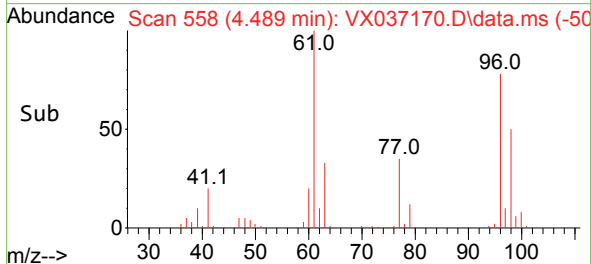
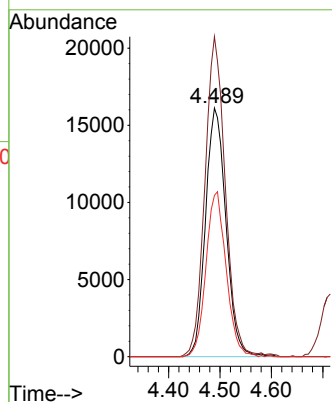
#27  
 cis-1,2-Dichloroethene  
 Concen: 76.190 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 96 Resp: 44583

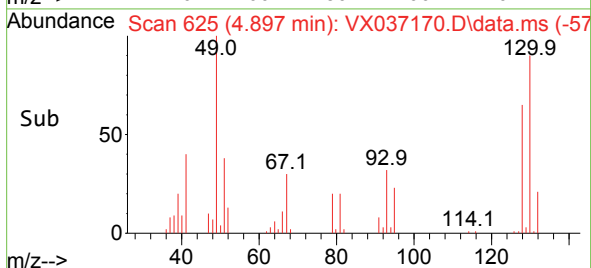
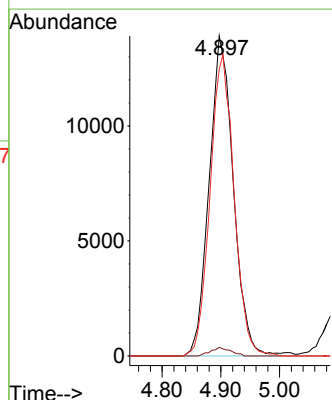
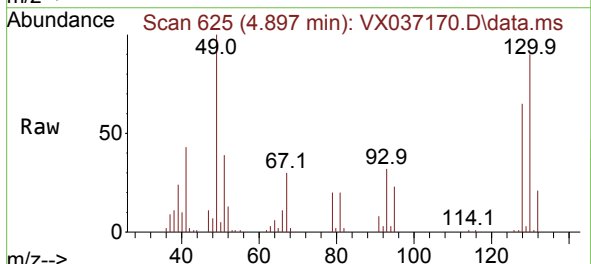
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 128.6 | 0.0   | 312.2 |
| 98  | 65.4  | 0.0   | 129.0 |

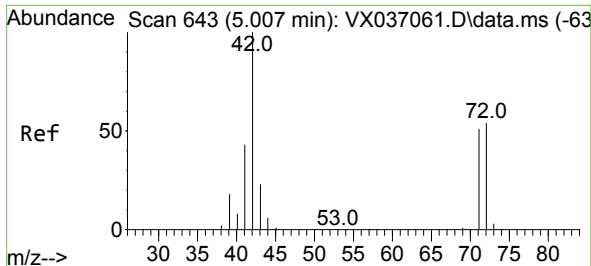


#28  
 Bromochloromethane  
 Concen: 102.161 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. -0.006 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

Tgt Ion: 49 Resp: 39690

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 3.8   |
| 130 | 93.4  | 57.5  | 86.3# |





#29

Tetrahydrofuran

Concen: 622.831 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

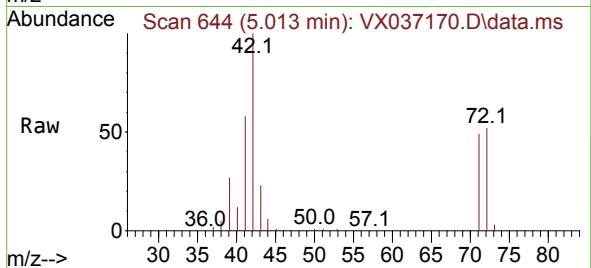
Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

ClientSampleId :



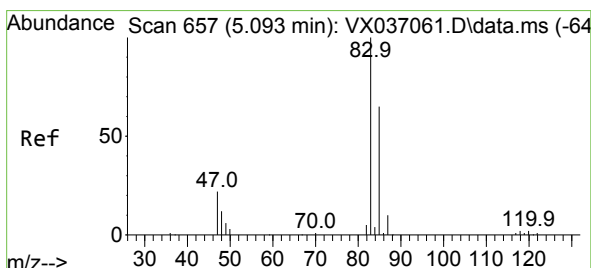
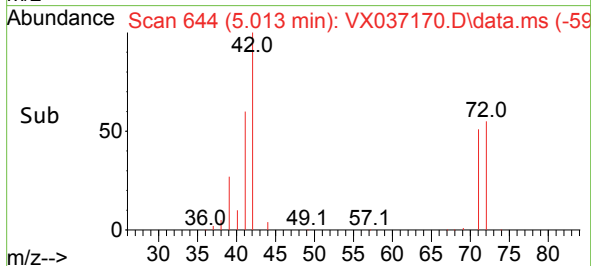
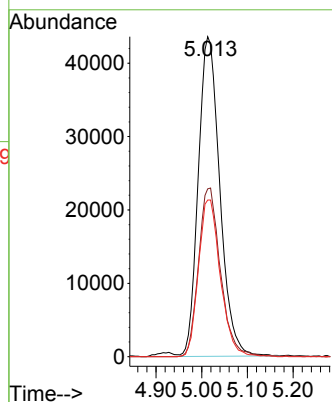
Tgt Ion: 42 Resp: 143075

Ion Ratio Lower Upper

42 100

72 53.7 34.2 51.4#

71 49.8 32.2 48.2#



#30

Chloroform

Concen: 77.236 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037170.D

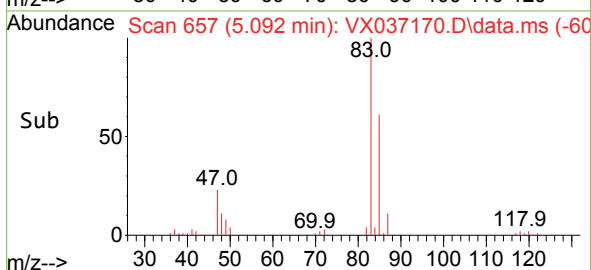
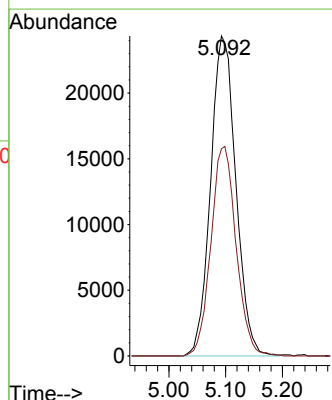
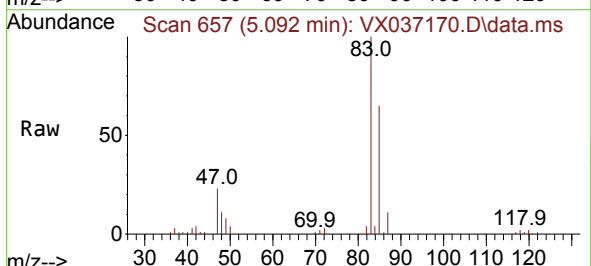
Acq: 22 Aug 2023 22:20

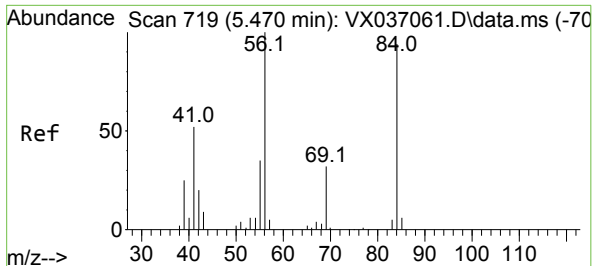
Tgt Ion: 83 Resp: 75403

Ion Ratio Lower Upper

83 100

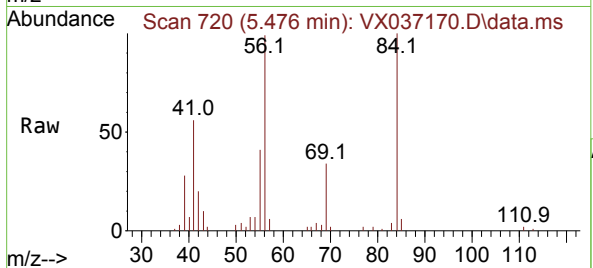
85 64.7 50.3 75.5



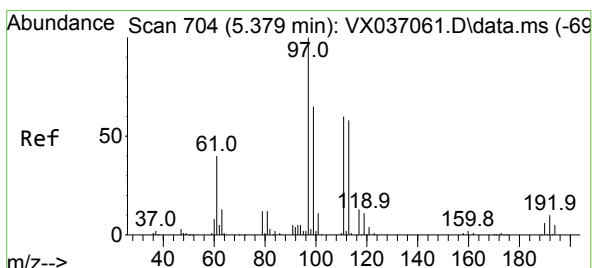
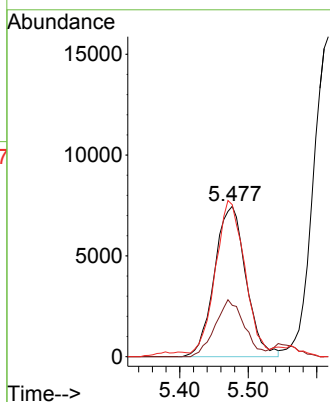
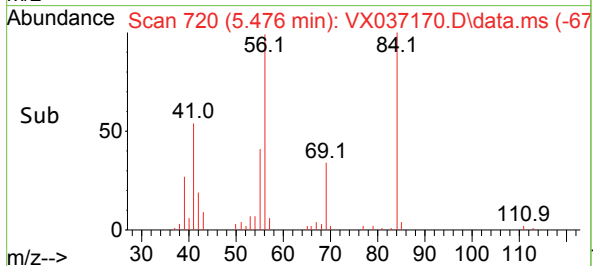


#31  
Cyclohexane  
Concen: 34.644 ug/l  
RT: 5.476 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Instrument :  
MSVOA\_X  
ClientSampleId :

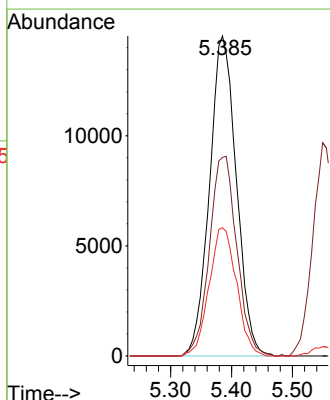
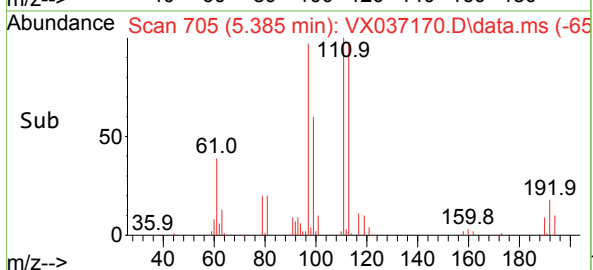
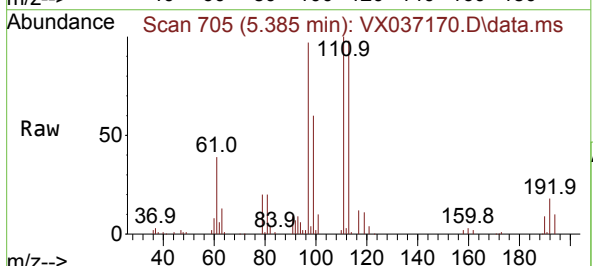


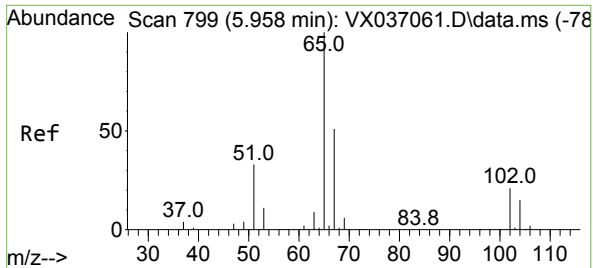
Tgt Ion: 56 Resp: 23821  
Ion Ratio Lower Upper  
56 100  
69 34.2 23.4 35.2  
84 98.1 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 50.885 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 97 Resp: 44517  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.1 76.7  
61 40.9 36.4 54.6

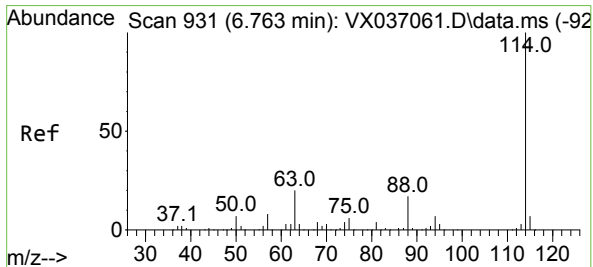
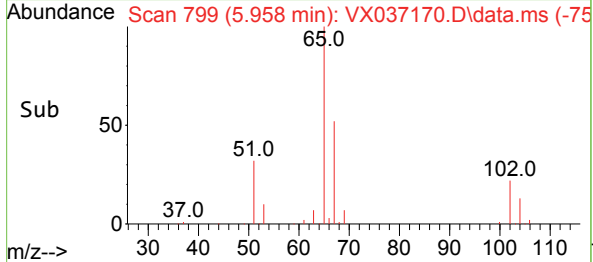
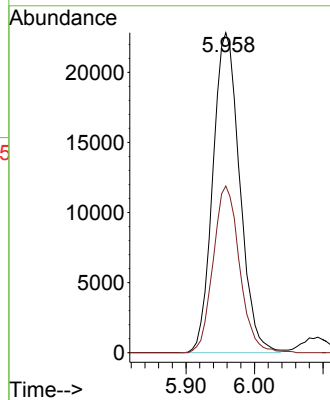
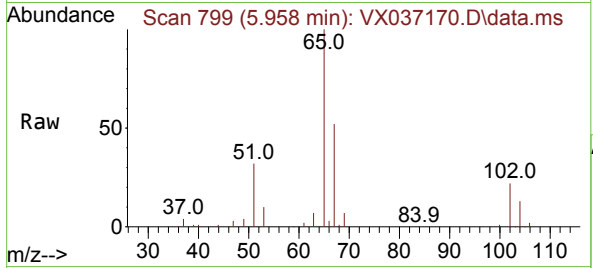




#33  
 1,2-Dichloroethane-d4  
 Concen: 101.492 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

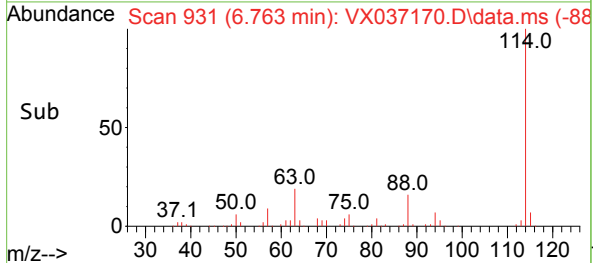
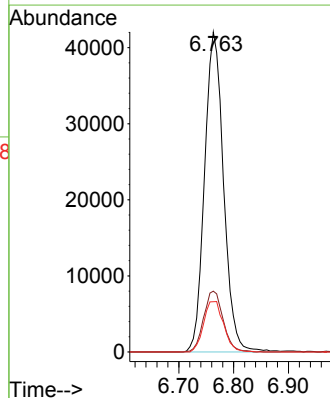
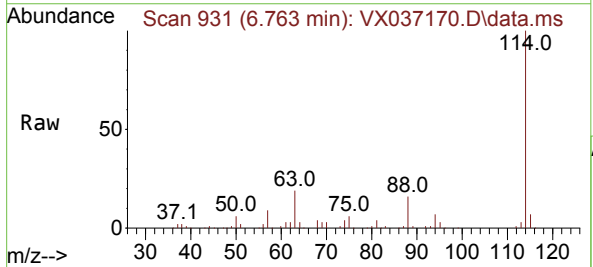
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 65 Resp: 62064  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

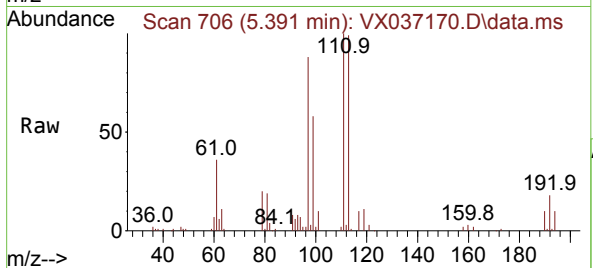
Tgt Ion: 114 Resp: 101201  
 Ion Ratio Lower Upper  
 114 100  
 63 19.0 0.0 45.0  
 88 15.7 0.0 36.6



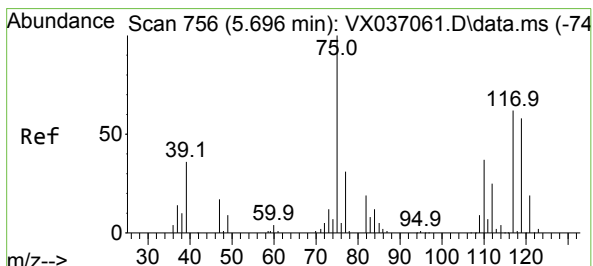
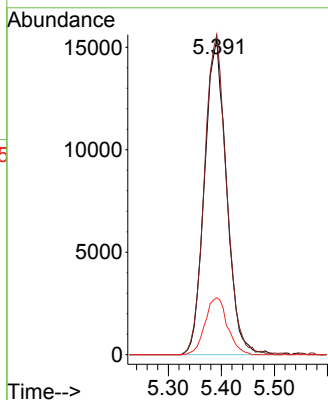
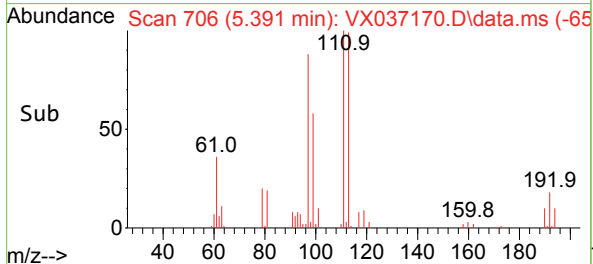


#35  
Dibromofluoromethane  
Concen: 66.167 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Instrument :  
MSVOA\_X  
ClientSampleId :

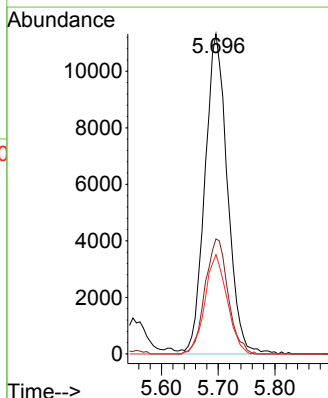
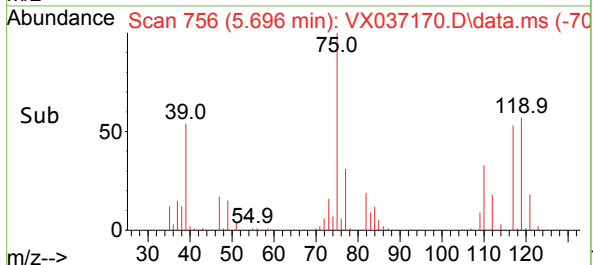
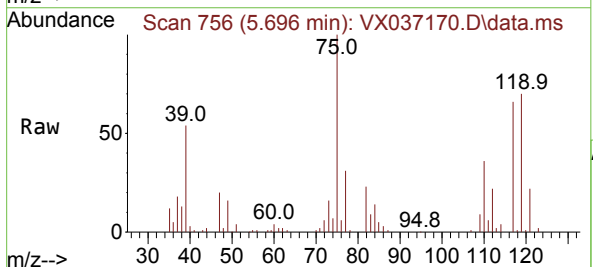


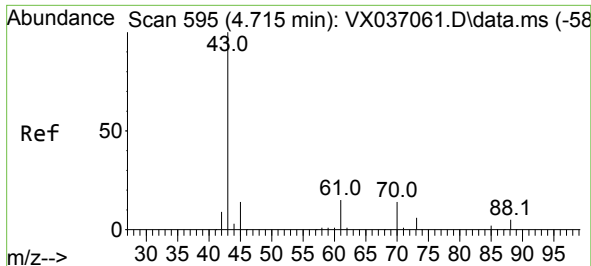
Tgt Ion:113 Resp: 44347  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.9 124.3  
192 18.3 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 32.781 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 75 Resp: 31215  
Ion Ratio Lower Upper  
75 100  
110 36.7 17.0 50.9  
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 84.497 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

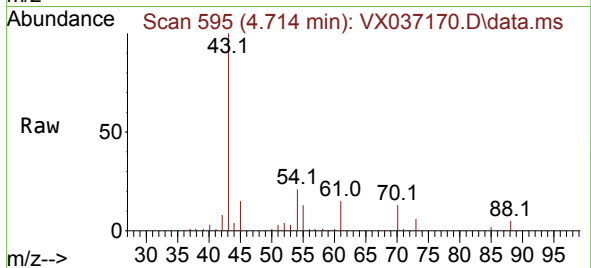
Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

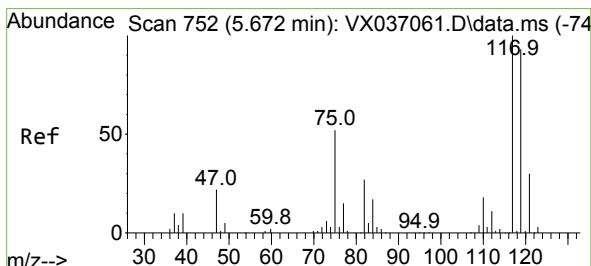
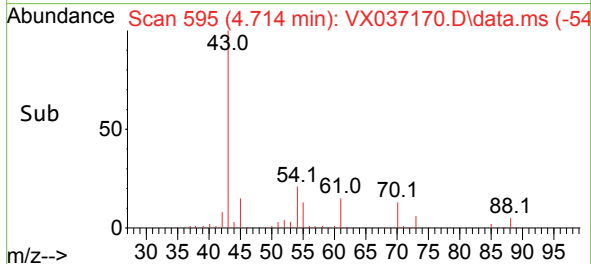
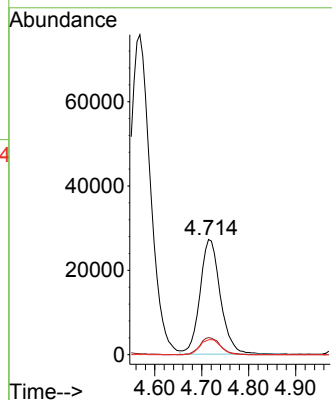
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 82190 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 15.0  | 10.6  | 16.0  |
| 70        | 13.4  | 8.3   | 12.5  |



#38

Carbon Tetrachloride

Concen: 31.991 ug/l

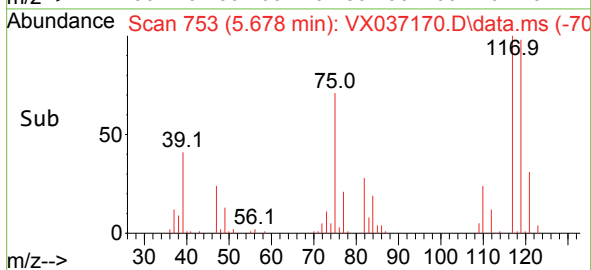
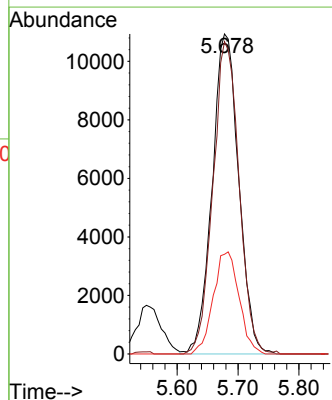
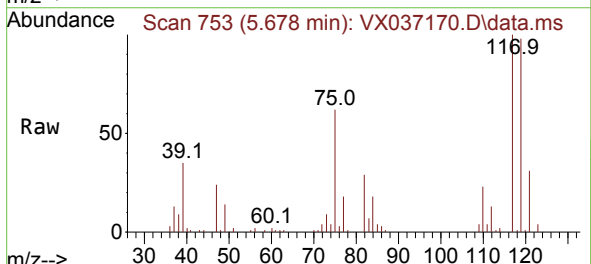
RT: 5.678 min Scan# 753

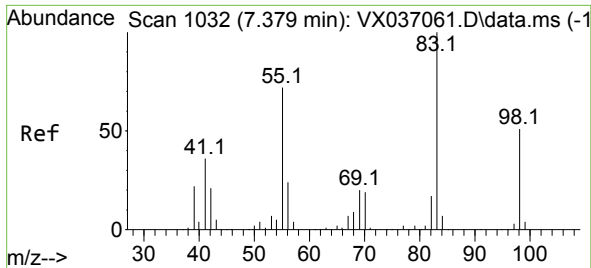
Delta R.T. 0.006 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

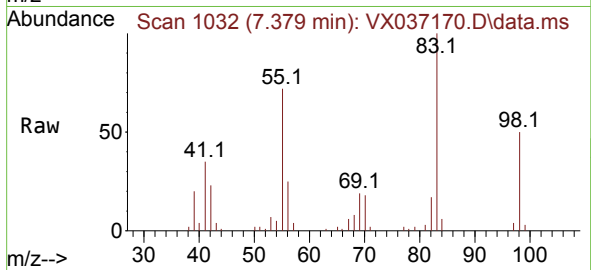
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 33090 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 97.6  | 78.2  | 117.2 |
| 121       | 31.2  | 24.4  | 36.6  |



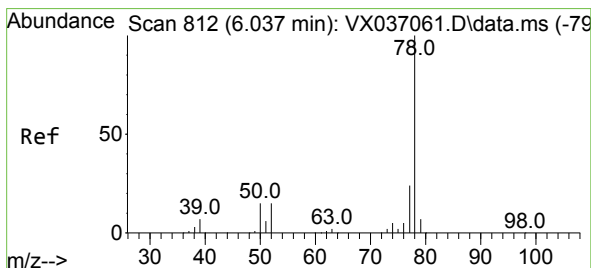
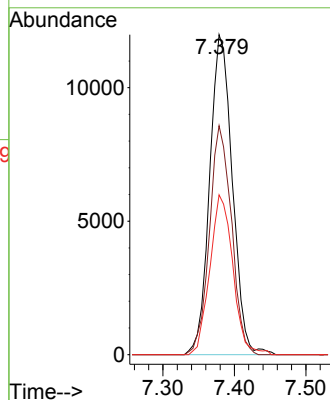
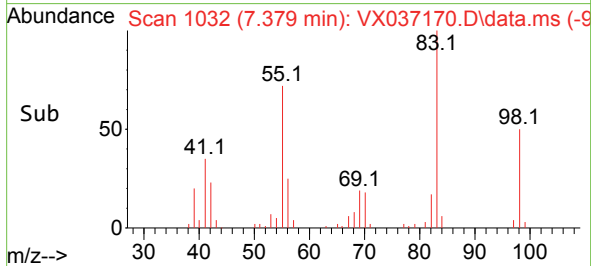


#39  
Methylcyclohexane  
Concen: 26.424 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Instrument :  
MSVOA\_X  
ClientSampleId :

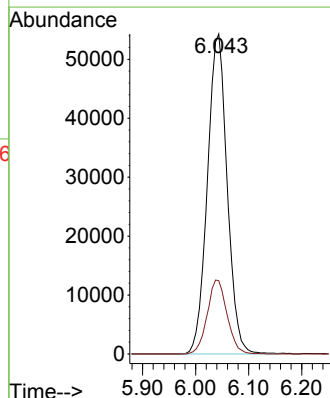
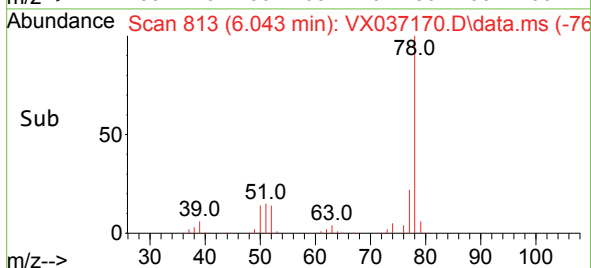
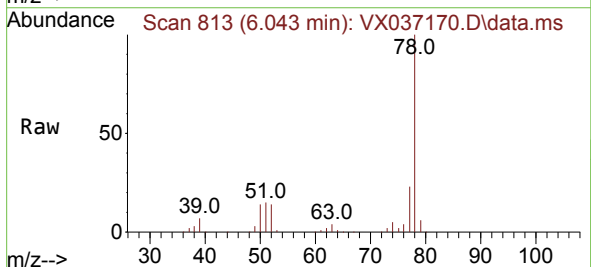


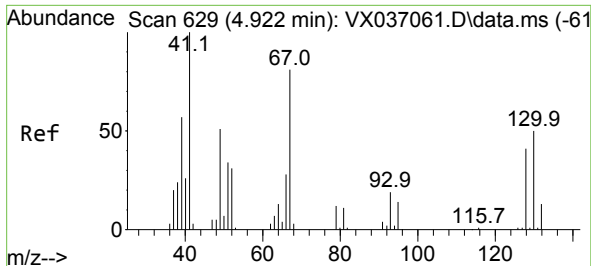
Tgt Ion: 83 Resp: 26436  
Ion Ratio Lower Upper  
83 100  
55 71.6 64.6 97.0  
98 50.0 36.7 55.1



#40  
Benzene  
Concen: 51.476 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

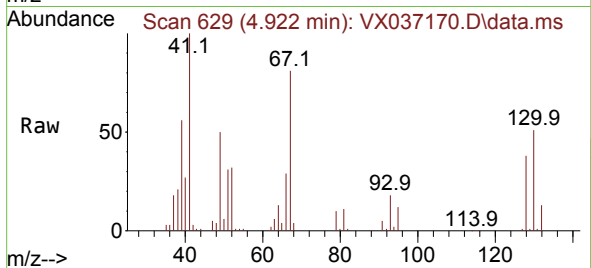
Tgt Ion: 78 Resp: 140579  
Ion Ratio Lower Upper  
78 100  
77 22.9 19.3 28.9



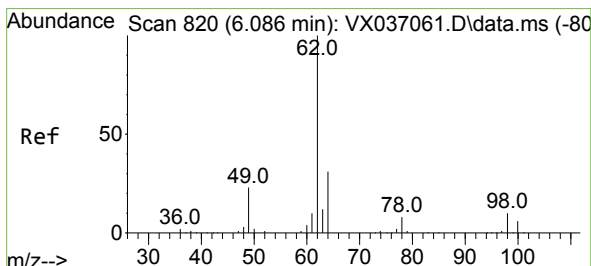
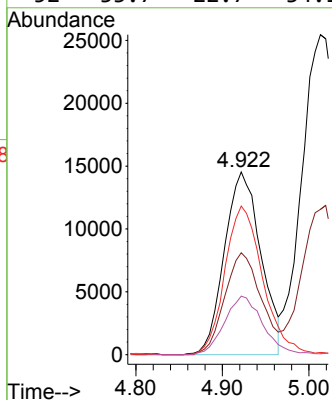
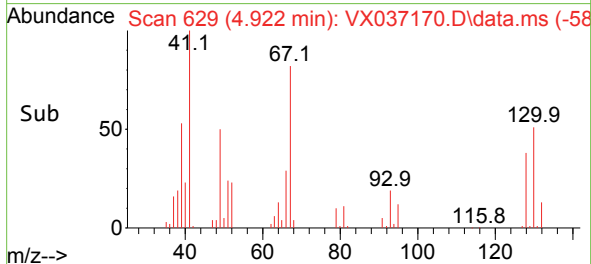


#41  
Methacrylonitrile  
Concen: 84.213 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Instrument :  
MSVOA\_X  
ClientSampleId :

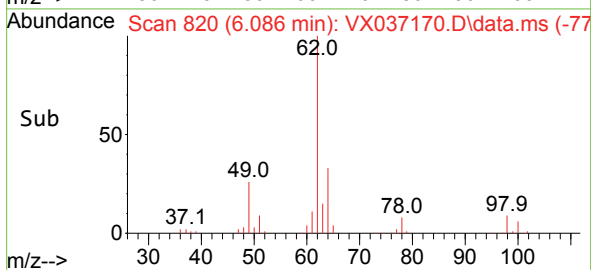
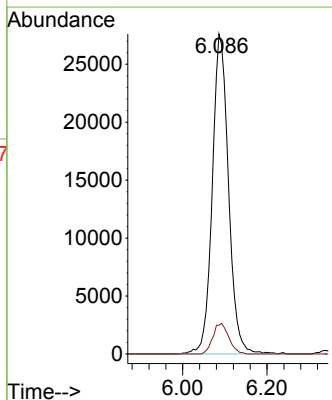
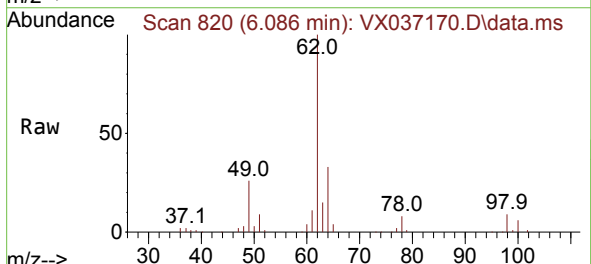


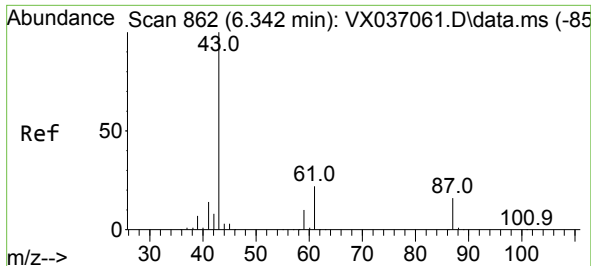
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 42583 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.7  | 45.2  | 67.8  |
| 67       | 84.9  | 52.6  | 78.8# |
| 52       | 33.7  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 68.779 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 73659 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.4   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 79.024 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

ClientSampleId :

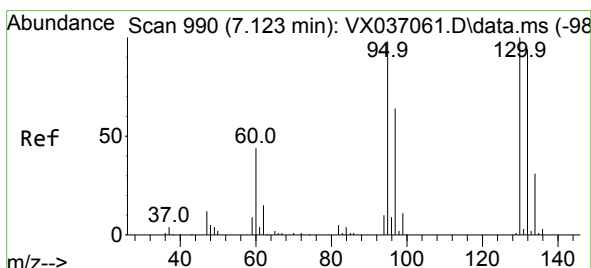
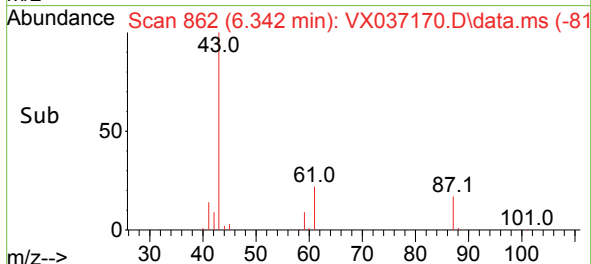
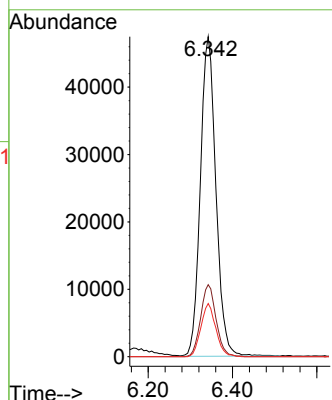
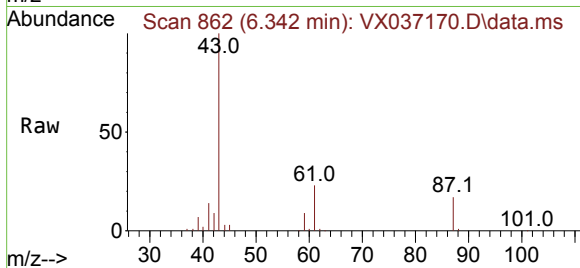
Tgt Ion: 43 Resp: 122034

Ion Ratio Lower Upper

43 100

61 22.2 15.2 22.8

87 15.9 9.8 14.6#



#44

Trichloroethene

Concen: 42.474 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037170.D

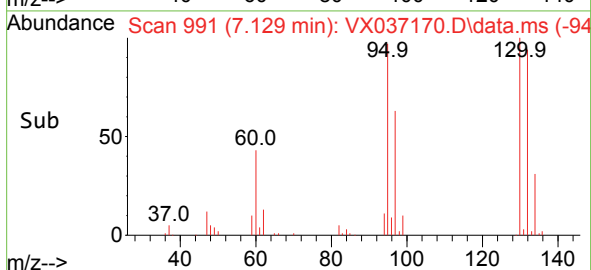
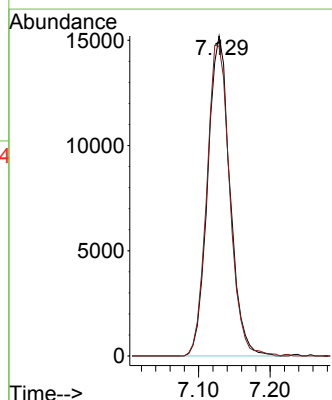
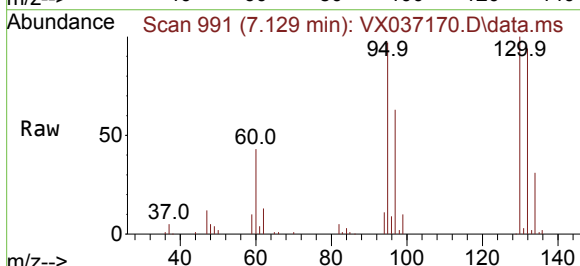
Acq: 22 Aug 2023 22:20

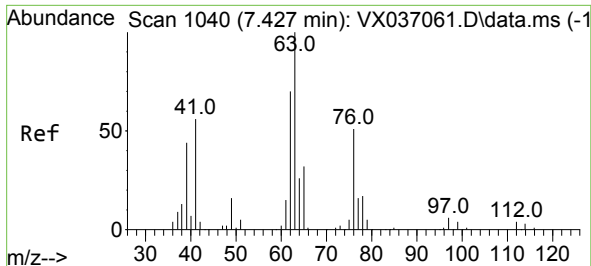
Tgt Ion:130 Resp: 32891

Ion Ratio Lower Upper

130 100

95 96.8 0.0 204.4

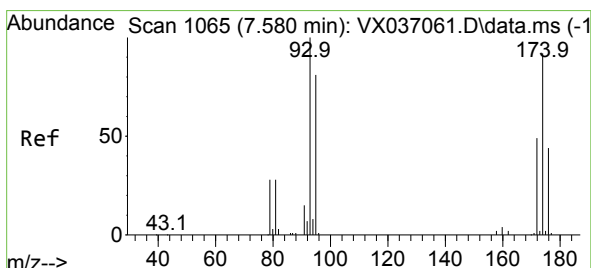
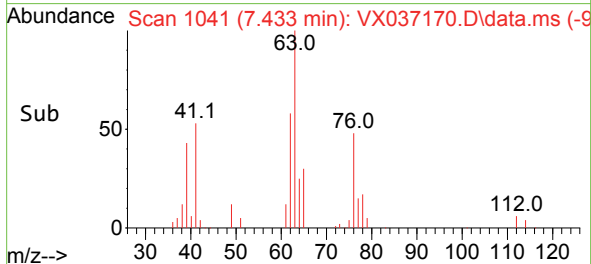
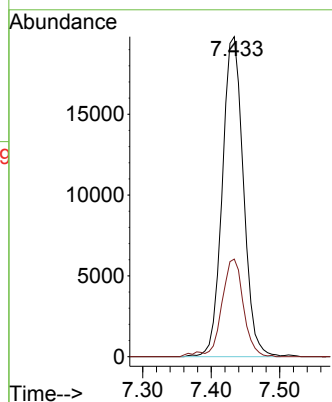
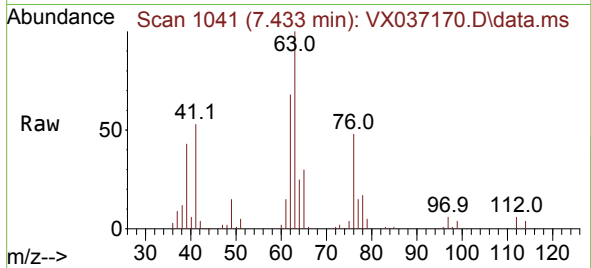




#45  
1,2-Dichloropropane  
Concen: 62.637 ug/l  
RT: 7.433 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

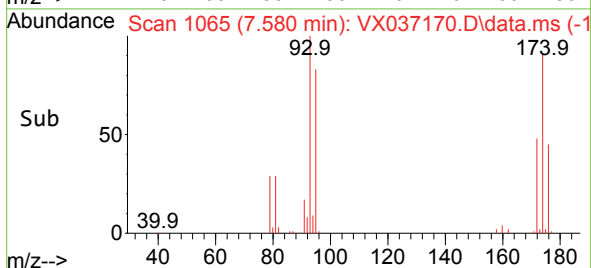
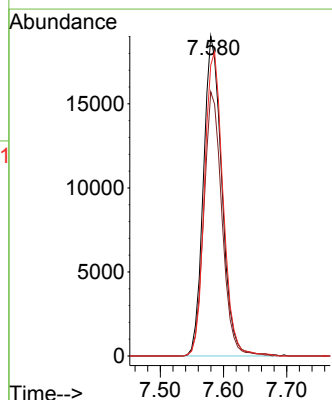
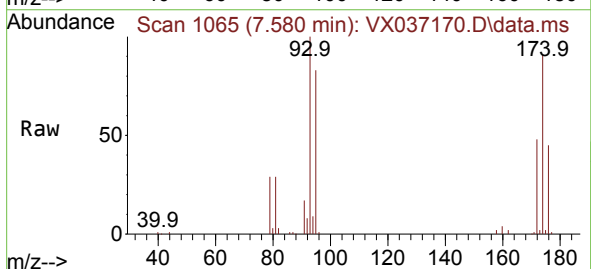
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 63 Resp: 42178  
Ion Ratio Lower Upper  
63 100  
65 30.5 24.3 36.5



#46  
Dibromomethane  
Concen: 72.802 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 93 Resp: 38619  
Ion Ratio Lower Upper  
93 100  
95 81.1 66.6 100.0  
174 95.4 69.4 104.0

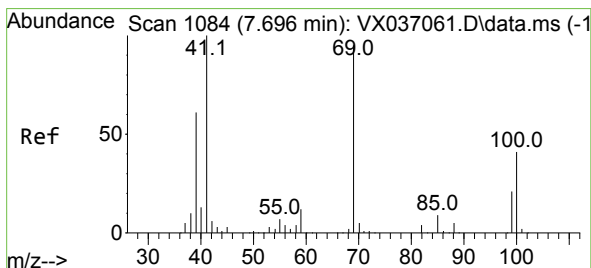
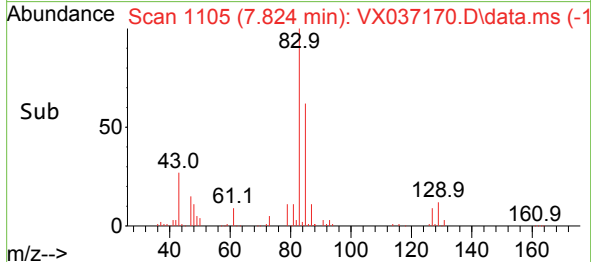
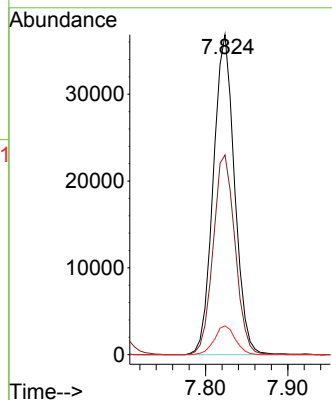
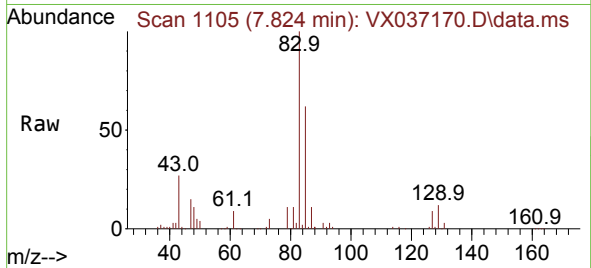




#47  
Bromodichloromethane  
Concen: 65.076 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

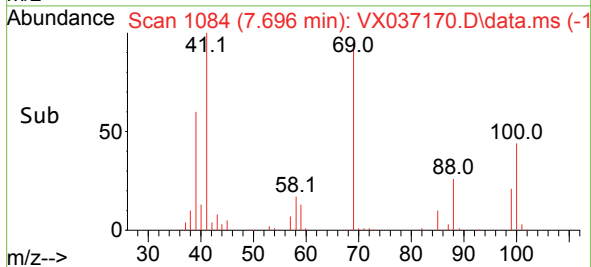
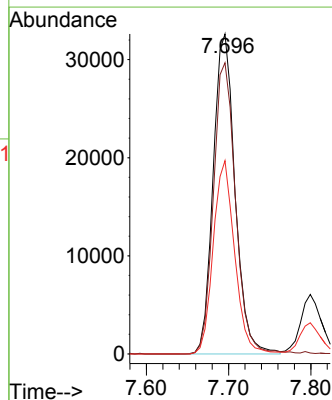
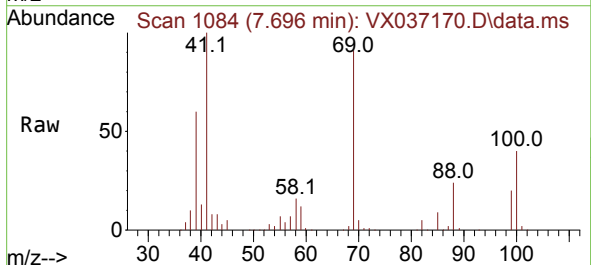
Instrument :  
MSVOA\_X  
ClientSampleId :

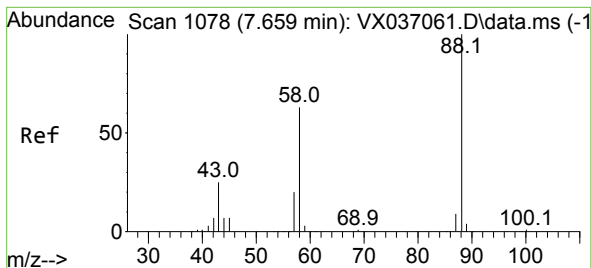
Tgt Ion: 83 Resp: 66121  
Ion Ratio Lower Upper  
83 100  
85 62.4 49.8 74.6  
127 9.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 80.125 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 41 Resp: 60343  
Ion Ratio Lower Upper  
41 100  
69 92.0 59.2 88.8#  
39 59.2 47.7 71.5





#49

1,4-Dioxane

Concen: 2229.556 ug/l

RT: 7.720 min Scan# 1078

Delta R.T. 0.061 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

ClientSampleId :

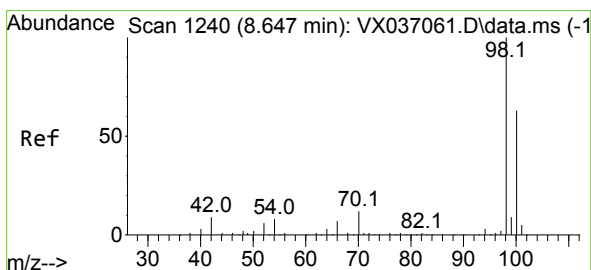
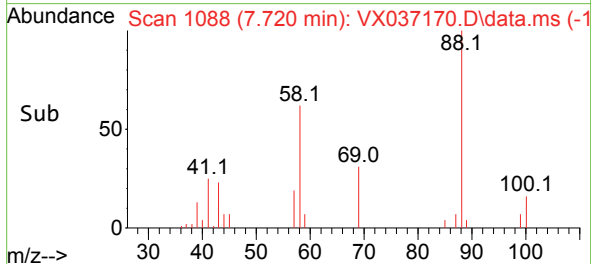
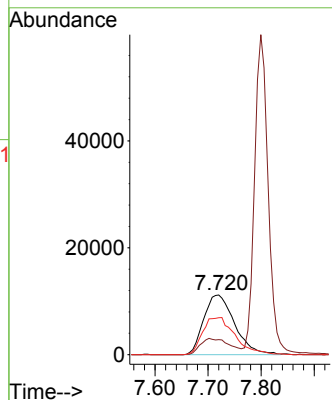
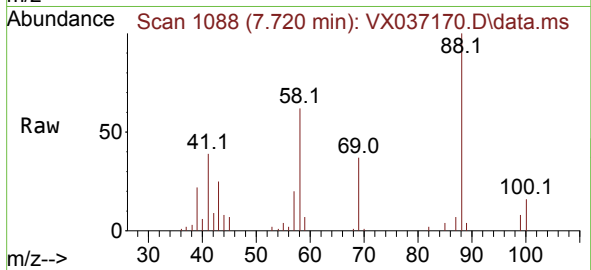
Tgt Ion: 88 Resp: 45221

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 65.5 60.1 90.1



#50

Toluene-d8

Concen: 55.393 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037170.D

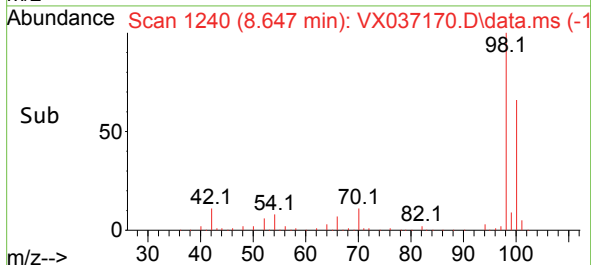
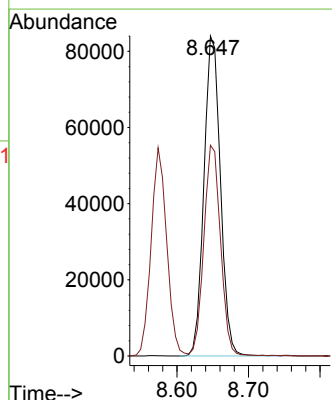
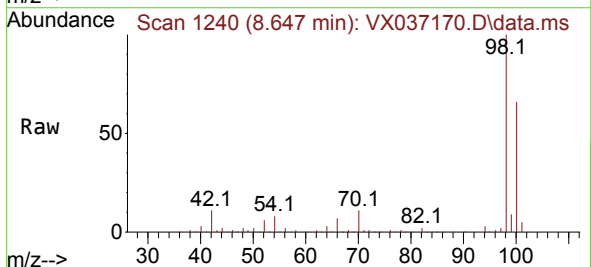
Acq: 22 Aug 2023 22:20

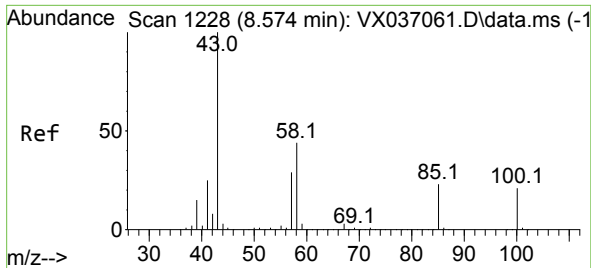
Tgt Ion: 98 Resp: 134670

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7

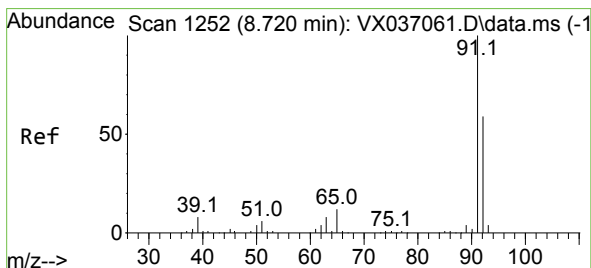
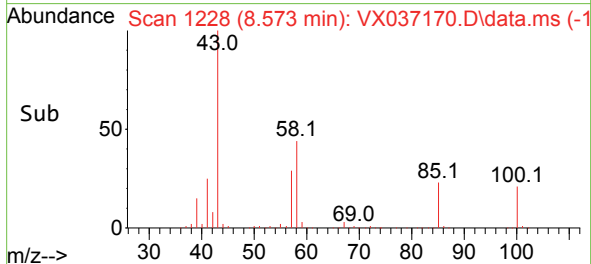
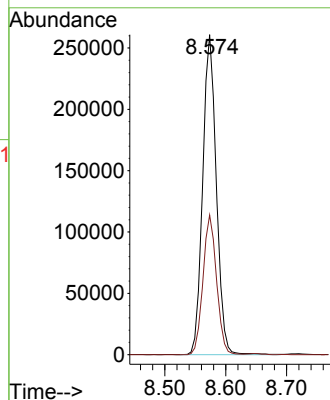
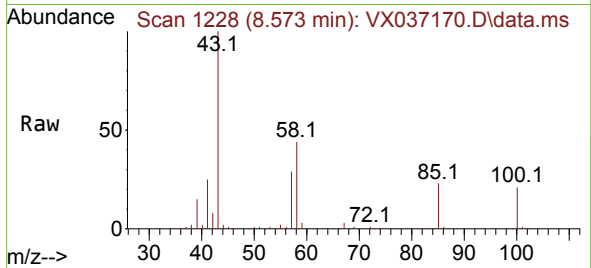




#51  
4-Methyl-2-Pentanone  
Concen: 432.768 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

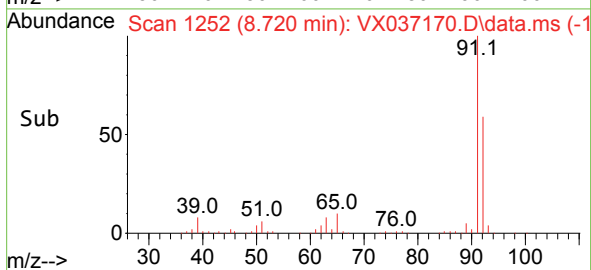
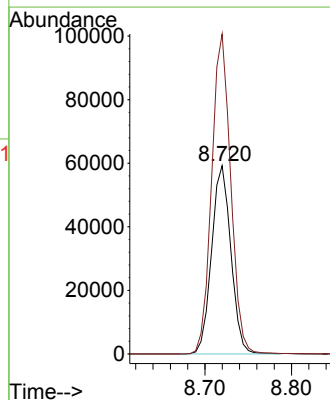
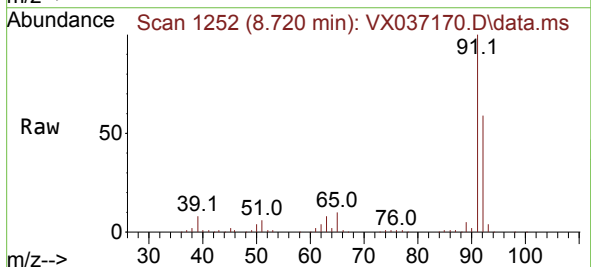
Instrument :  
MSVOA\_X  
ClientSampleId :

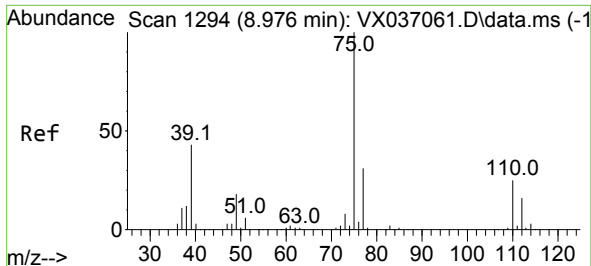
Tgt Ion: 43 Resp: 405817  
Ion Ratio Lower Upper  
43 100  
58 43.4 30.4 45.6



#52  
Toluene  
Concen: 50.747 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 92 Resp: 91568  
Ion Ratio Lower Upper  
92 100  
91 168.4 134.2 201.2

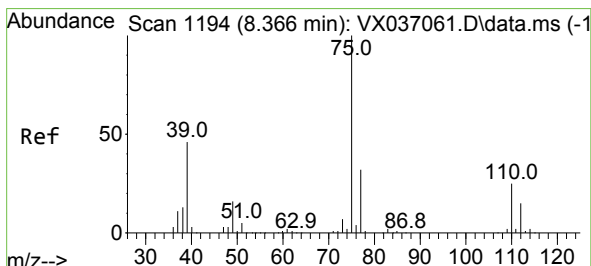
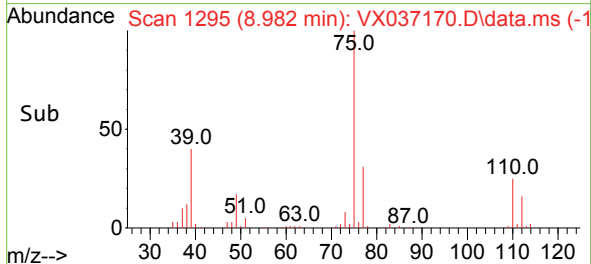
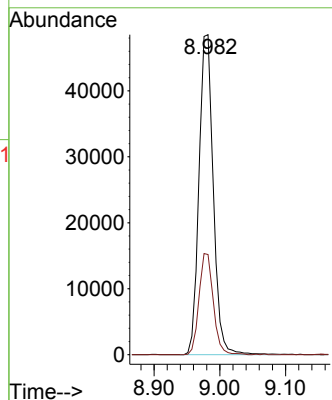
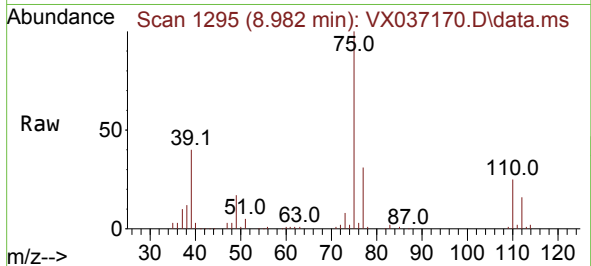




#53  
 t-1,3-Dichloropropene  
 Concen: 67.772 ug/l  
 RT: 8.982 min Scan# 1295  
 Delta R.T. 0.006 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

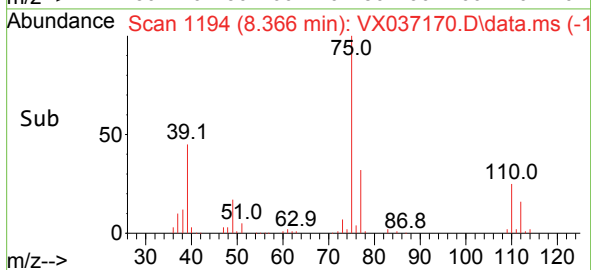
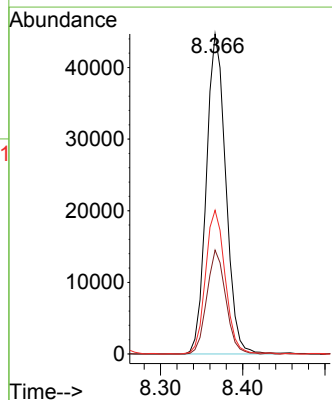
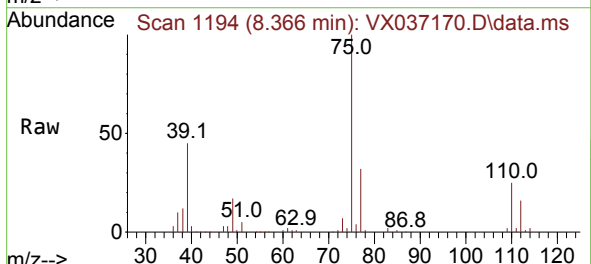
Instrument :  
 MSVOA\_X  
 ClientSampleId :

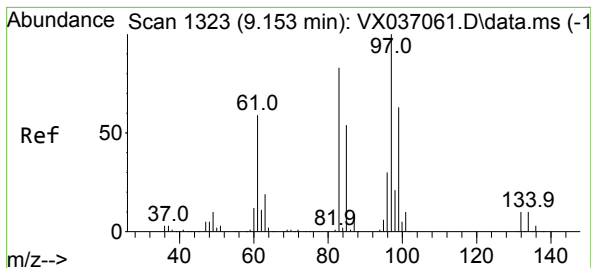
Tgt Ion: 75 Resp: 73319  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 62.766 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

Tgt Ion: 75 Resp: 73379  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.3 37.9  
 39 44.9 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 73.259 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 53827

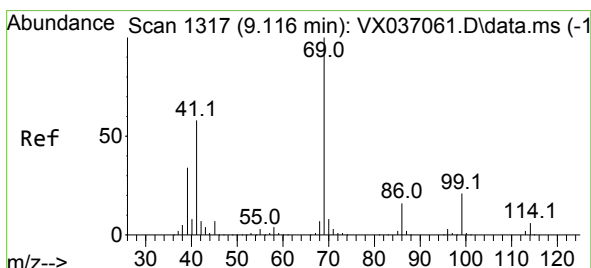
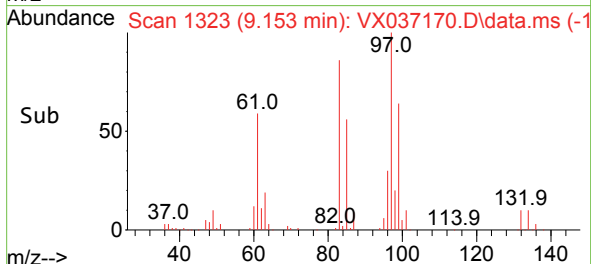
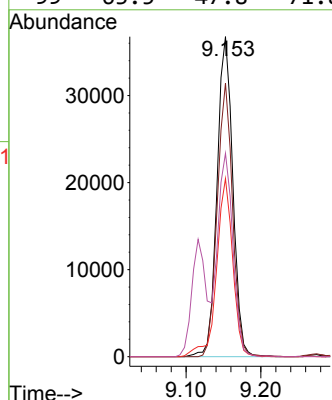
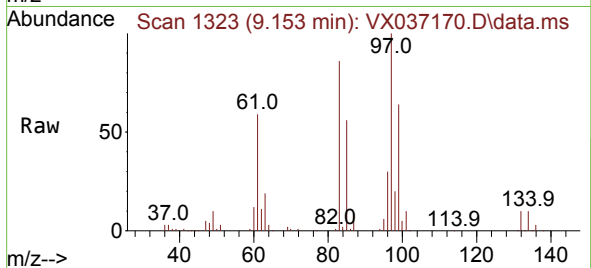
Ion Ratio Lower Upper

97 100

83 85.5 65.8 98.8

85 55.6 41.6 62.4

99 63.5 47.8 71.8



#56

Ethyl methacrylate

Concen: 75.910 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

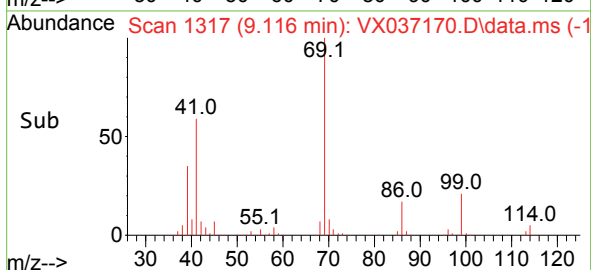
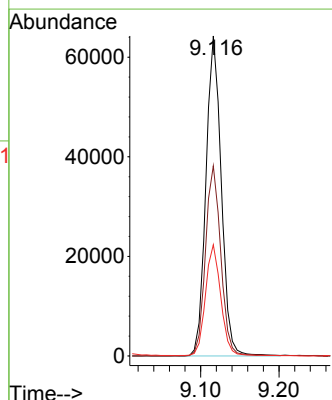
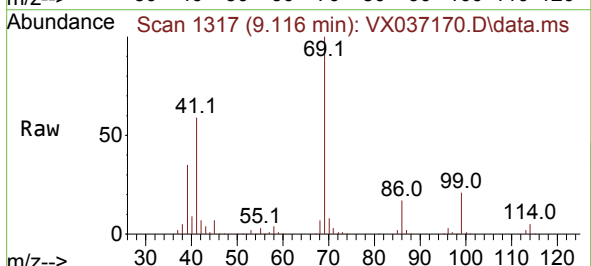
Tgt Ion: 69 Resp: 87363

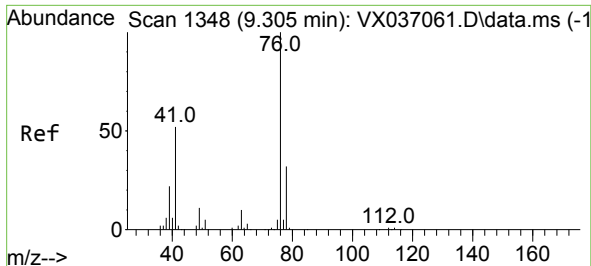
Ion Ratio Lower Upper

69 100

41 59.5 56.8 85.2

39 35.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 71.841 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

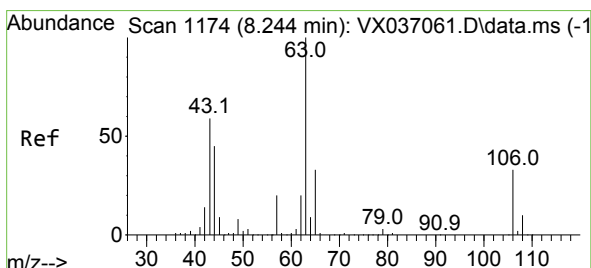
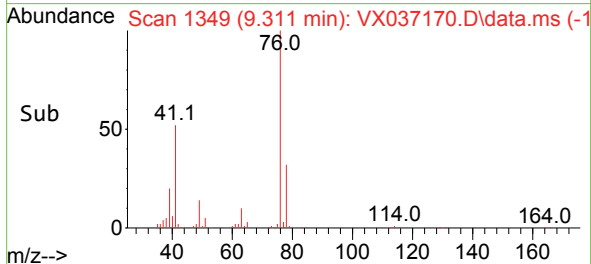
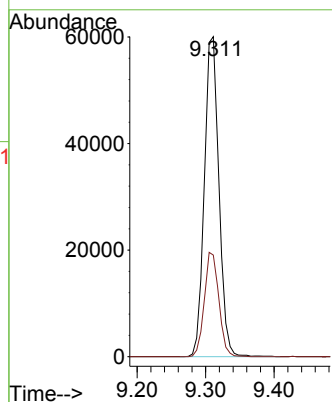
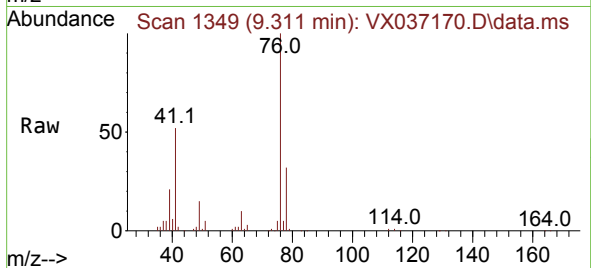
ClientSampleId :

Tgt Ion: 76 Resp: 88982

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 392.593 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037170.D

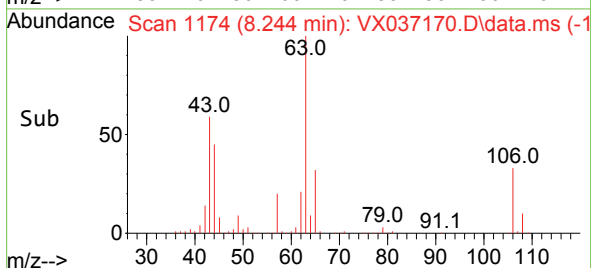
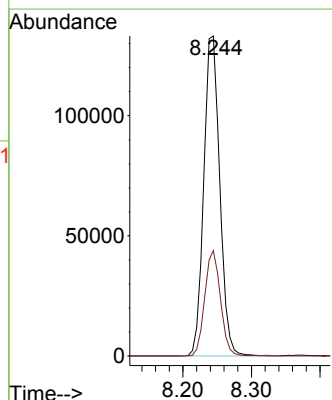
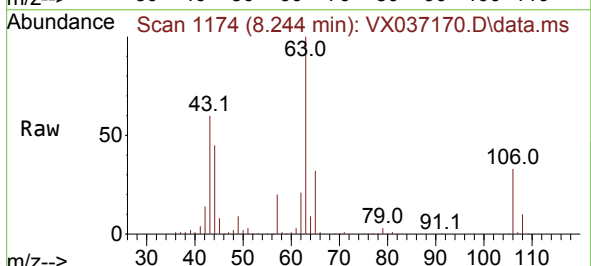
Acq: 22 Aug 2023 22:20

Tgt Ion: 63 Resp: 216827

Ion Ratio Lower Upper

63 100

106 32.3 22.5 33.7

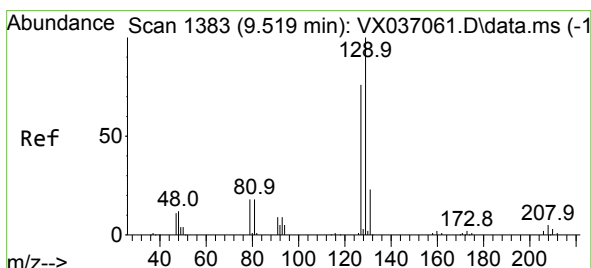
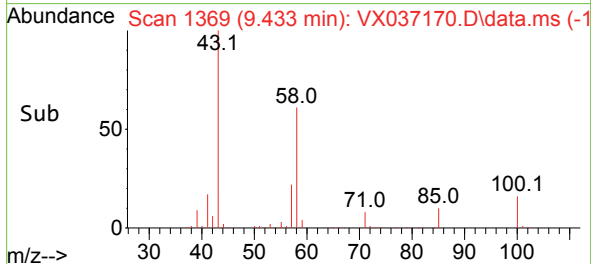
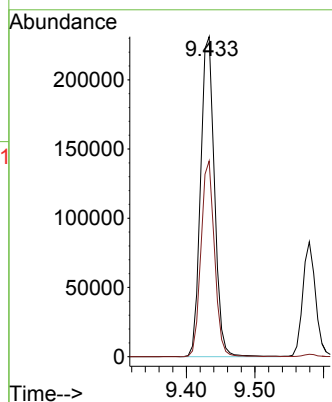
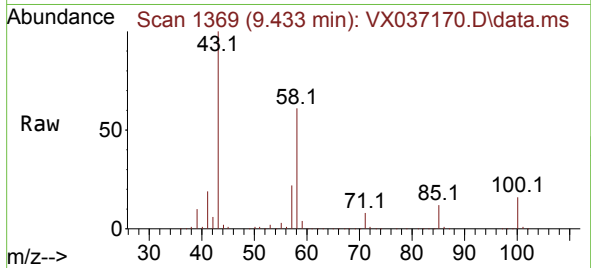




#59  
2-Hexanone  
Concen: 455.338 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

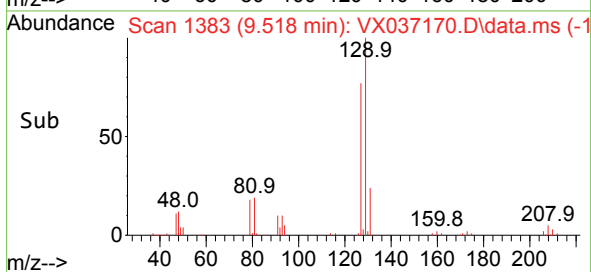
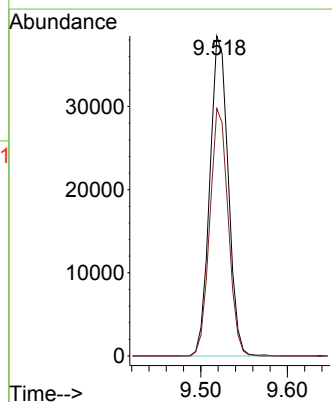
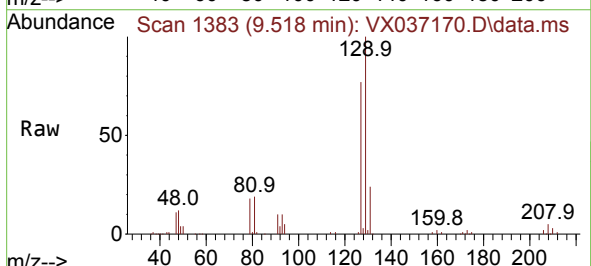
Instrument :  
MSVOA\_X  
ClientSampleId :

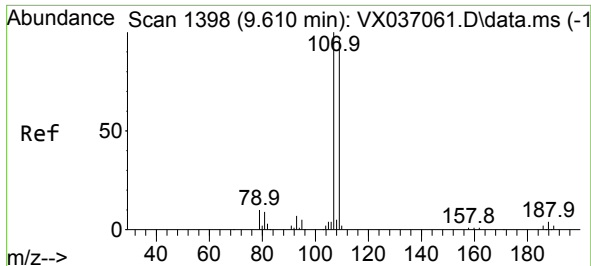
Tgt Ion: 43 Resp: 325563  
Ion Ratio Lower Upper  
43 100  
58 59.8 26.2 78.5



#60  
Dibromochloromethane  
Concen: 72.502 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

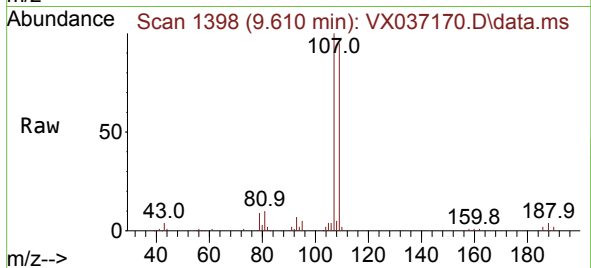
Tgt Ion: 129 Resp: 56717  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.8 116.4



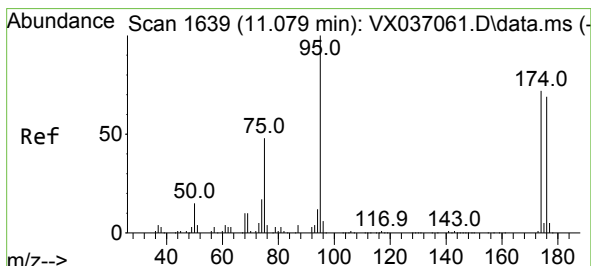
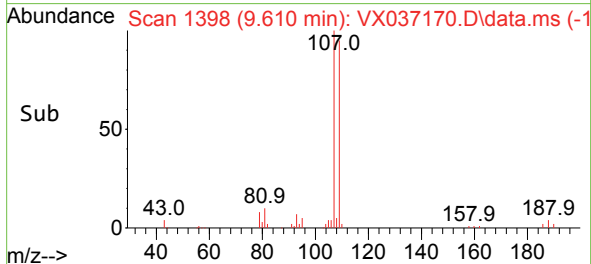
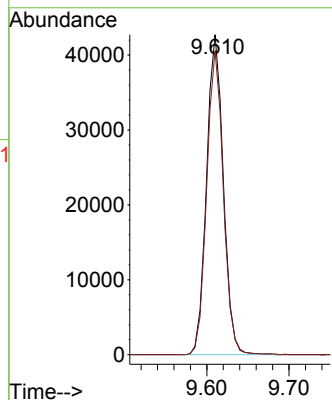


#61  
1,2-Dibromoethane  
Concen: 75.271 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Instrument :  
MSVOA\_X  
ClientSampleId :

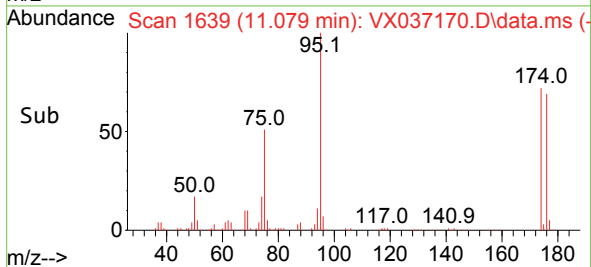
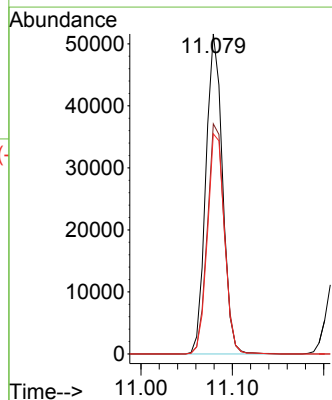
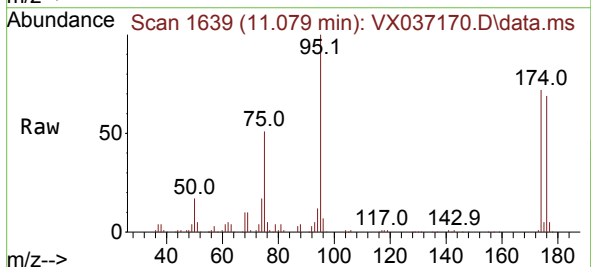


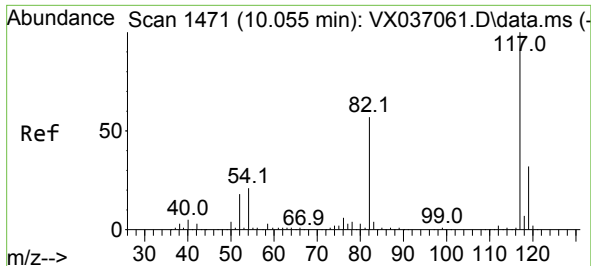
Tgt Ion:107 Resp: 60552  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 68.140 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

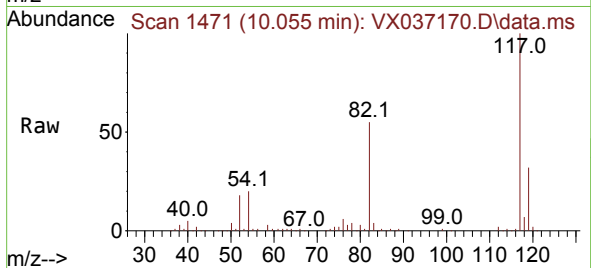
Tgt Ion: 95 Resp: 65102  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 135.6  
176 70.5 0.0 131.0



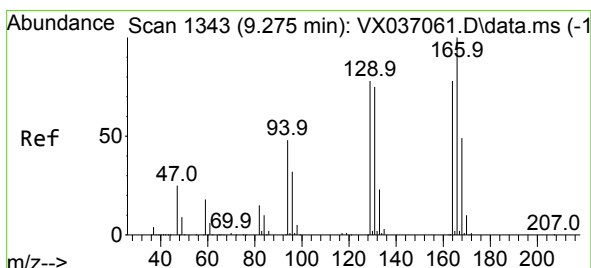
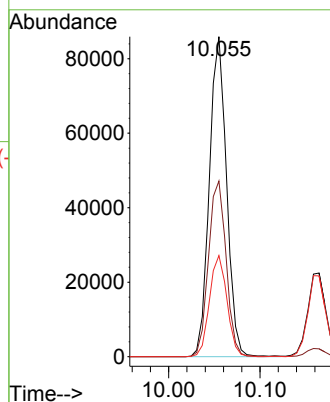
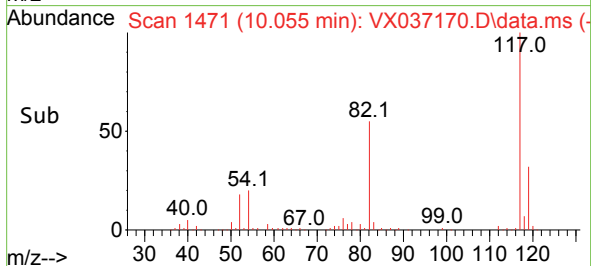


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

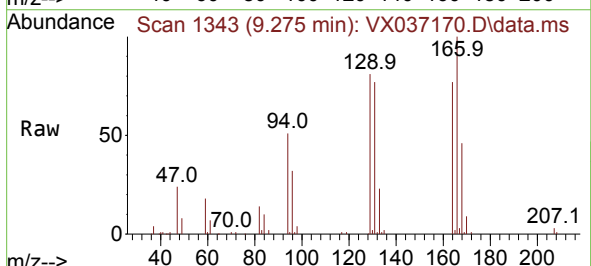
Instrument :  
MSVOA\_X  
ClientSampleId :



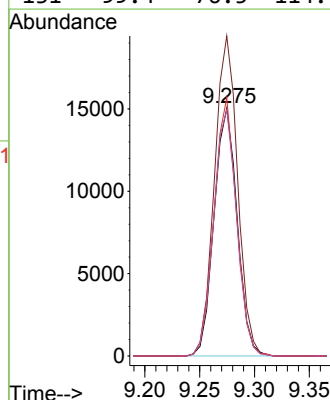
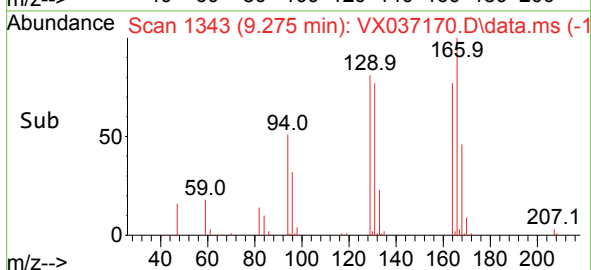
Tgt Ion:117 Resp: 112770  
Ion Ratio Lower Upper  
117 100  
82 54.9 46.2 69.4  
119 31.6 25.5 38.3

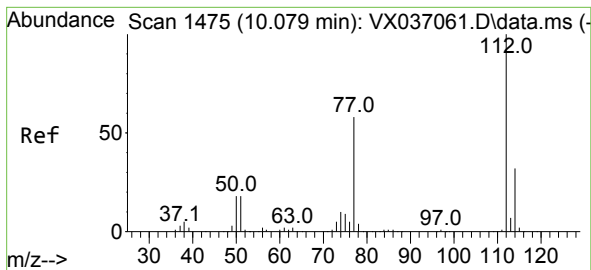


#64  
Tetrachloroethene  
Concen: 26.756 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20



Tgt Ion:164 Resp: 22011  
Ion Ratio Lower Upper  
164 100  
166 129.2 102.7 154.1  
129 104.3 80.4 120.6  
131 99.4 76.5 114.7

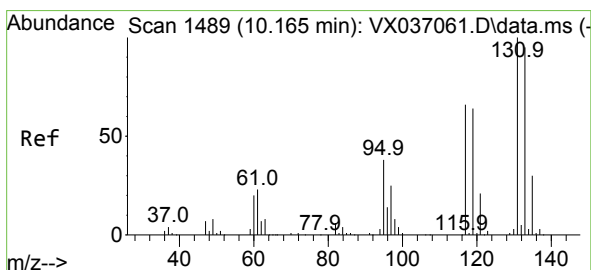
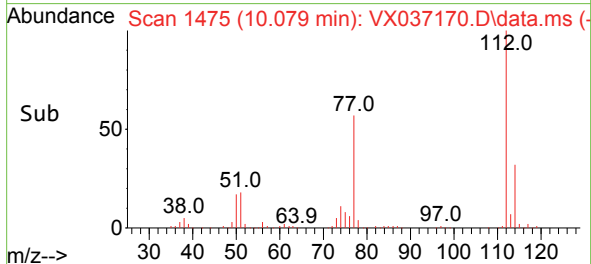
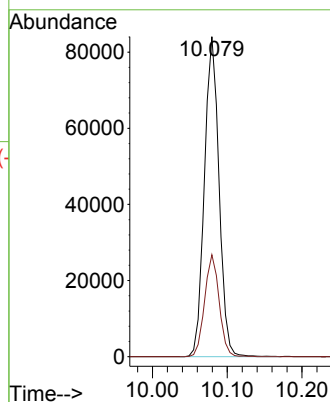
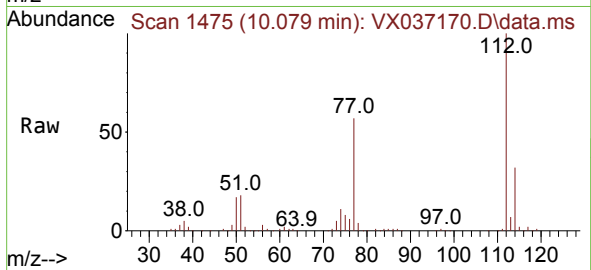




#65  
Chlorobenzene  
Concen: 47.915 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

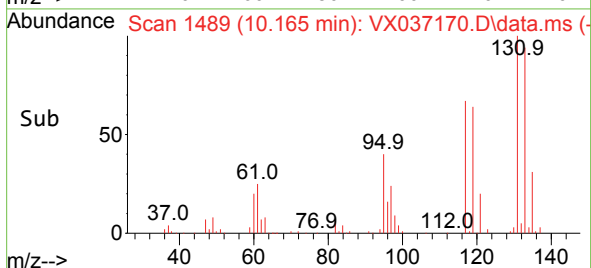
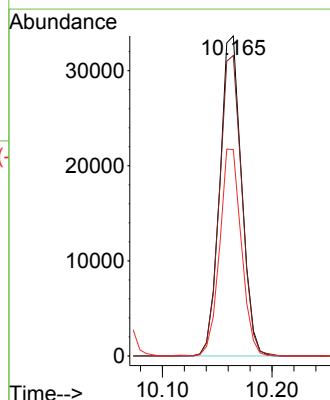
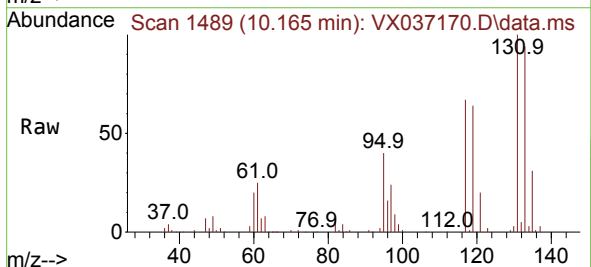
Instrument :  
MSVOA\_X  
ClientSampleId :

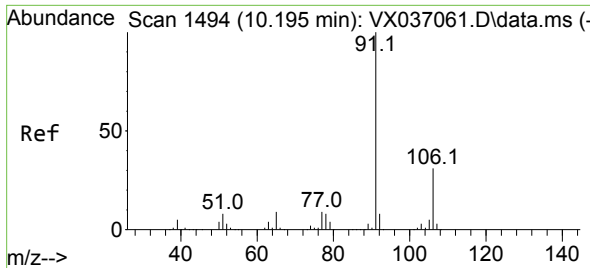
Tgt Ion:112 Resp: 114201  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.905 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion:131 Resp: 46539  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.1 141.4  
119 64.2 32.2 96.6

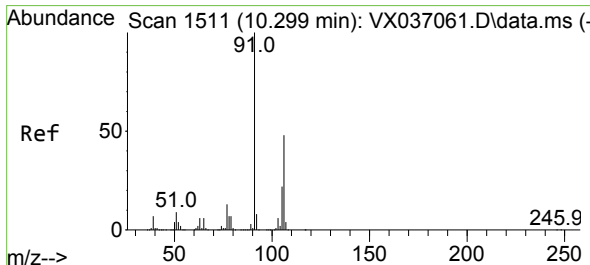
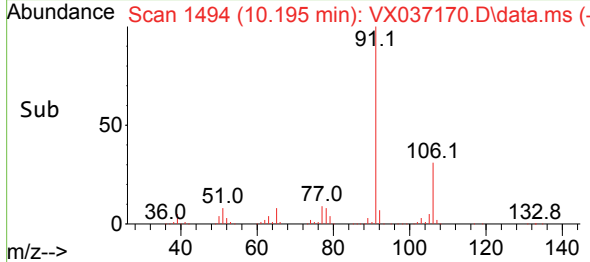
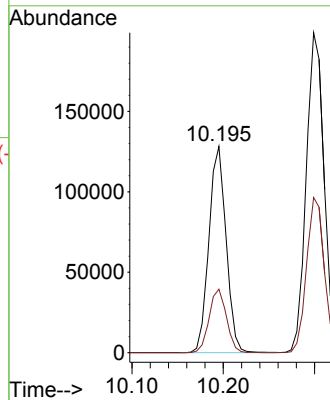
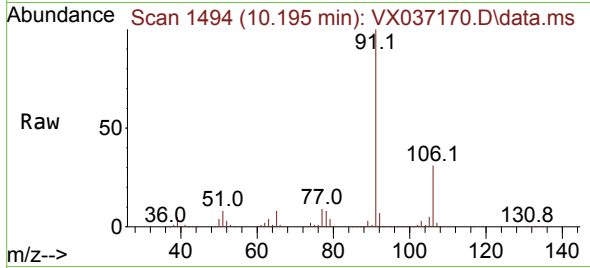




#67  
Ethyl Benzene  
Concen: 39.925 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

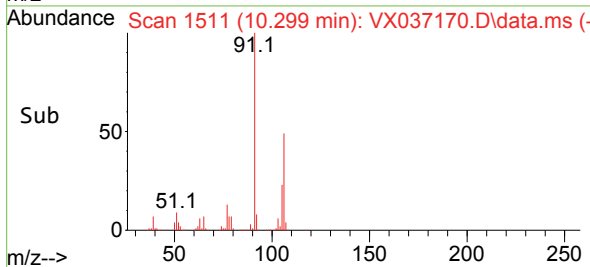
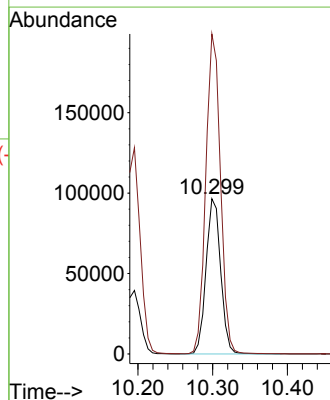
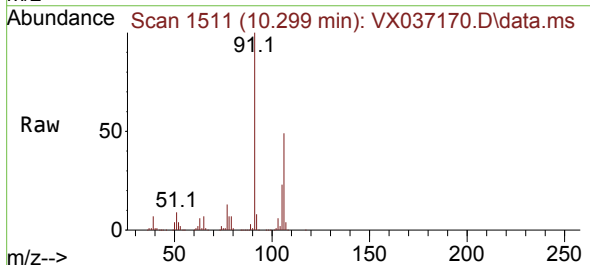
Instrument :  
MSVOA\_X  
ClientSampleId :

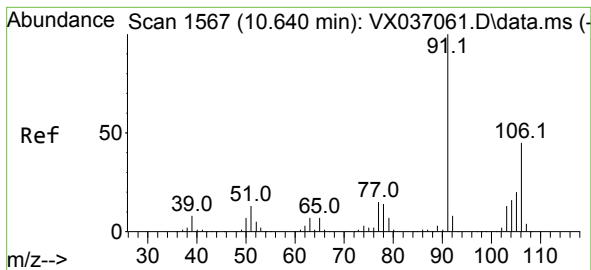
Tgt Ion: 91 Resp: 167441  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.9 37.3



#68  
m/p-Xylenes  
Concen: 80.891 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 106 Resp: 131010  
Ion Ratio Lower Upper  
106 100  
91 206.9 165.5 248.3





#69

o-Xylene

Concen: 45.014 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

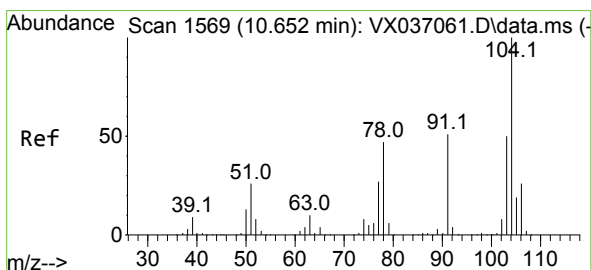
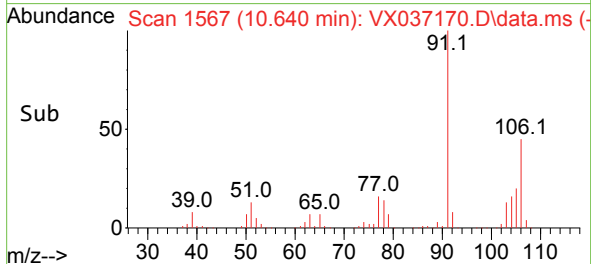
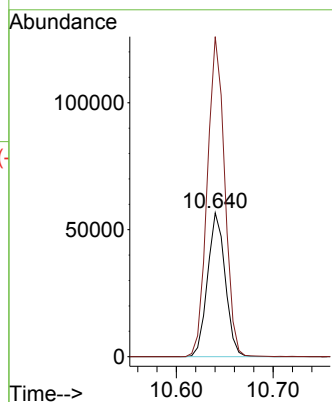
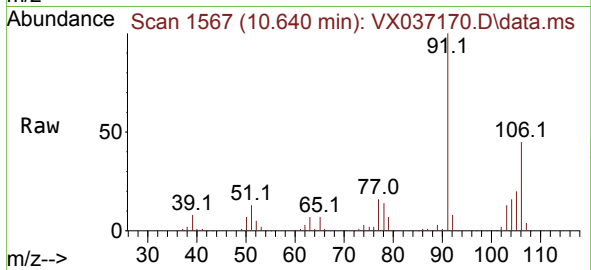
ClientSampleId :

Tgt Ion:106 Resp: 71929

Ion Ratio Lower Upper

106 100

91 219.5 108.9 326.8



#70

Styrene

Concen: 51.236 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

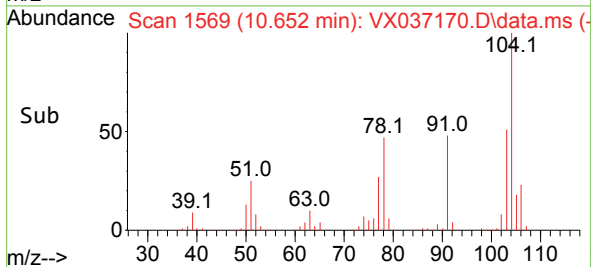
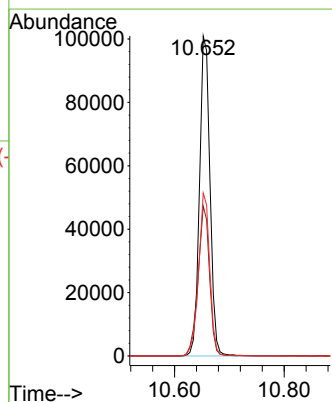
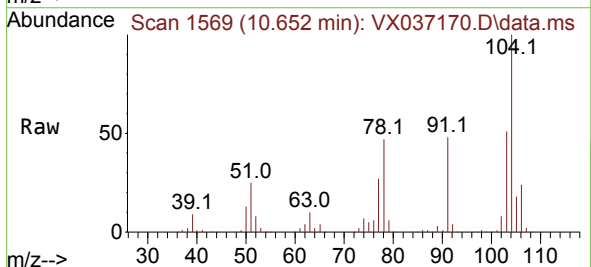
Tgt Ion:104 Resp: 134860

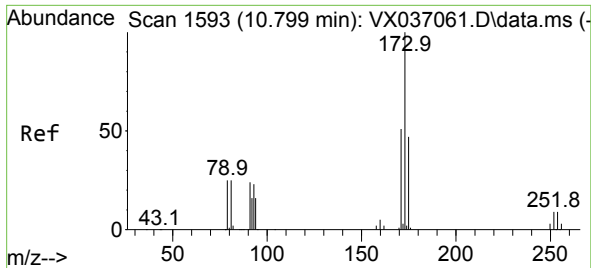
Ion Ratio Lower Upper

104 100

78 51.1 43.6 65.4

103 54.2 43.6 65.4

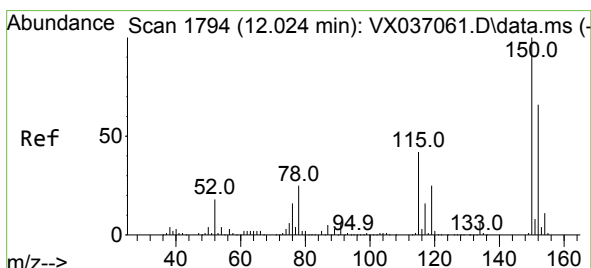
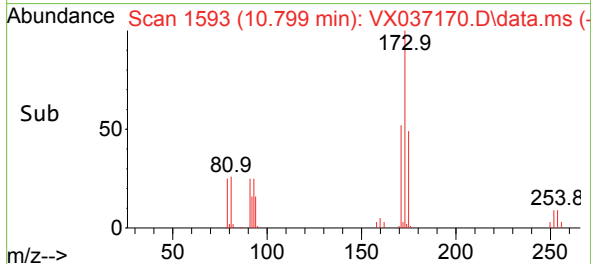
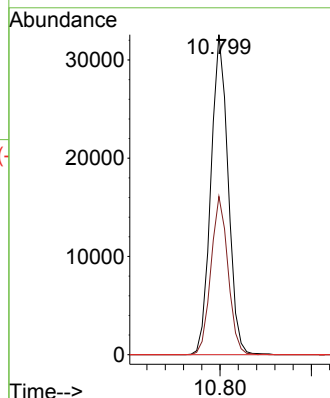
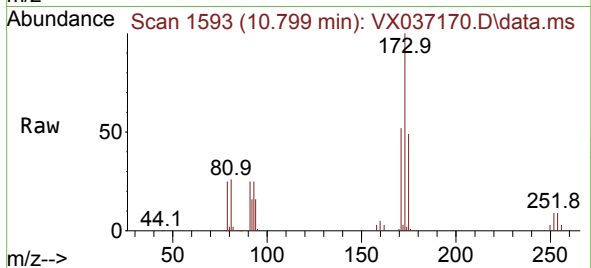




#71  
Bromoform  
Concen: 64.466 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

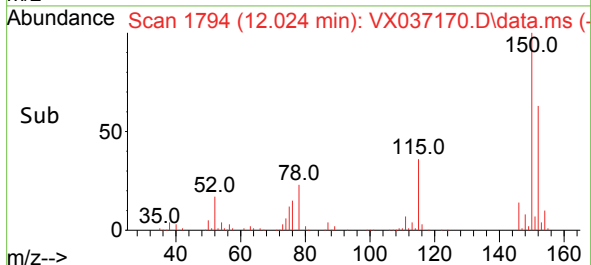
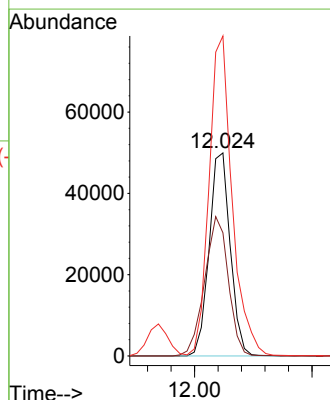
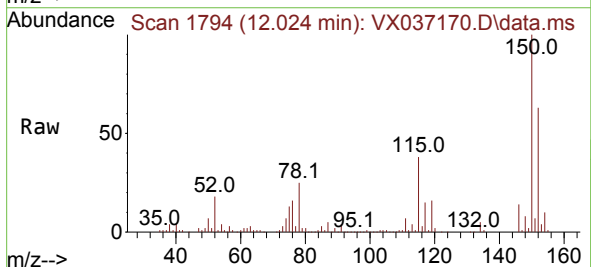
Instrument :  
MSVOA\_X  
ClientSampleId :

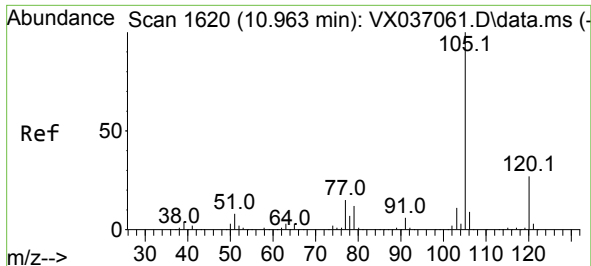
Tgt Ion:173 Resp: 42419  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.1 72.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion:152 Resp: 62257  
Ion Ratio Lower Upper  
152 100  
115 77.3 43.3 129.9  
150 172.6 0.0 345.0

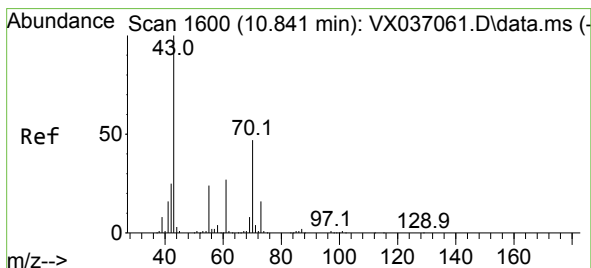
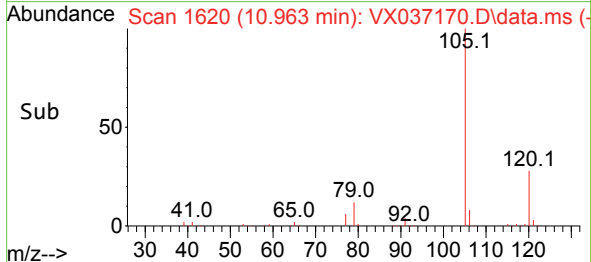
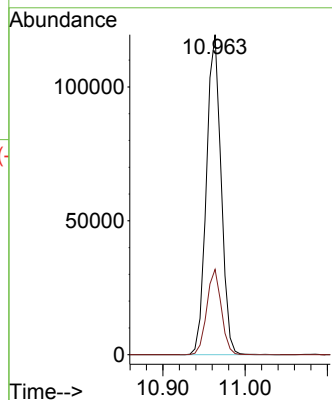
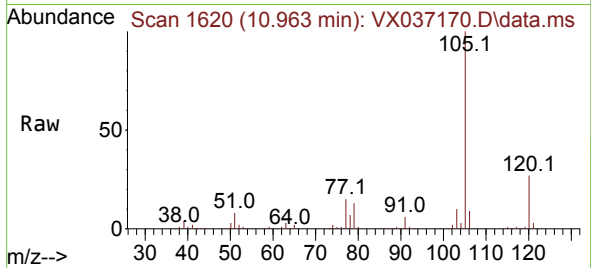




#73  
Isopropylbenzene  
Concen: 32.682 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

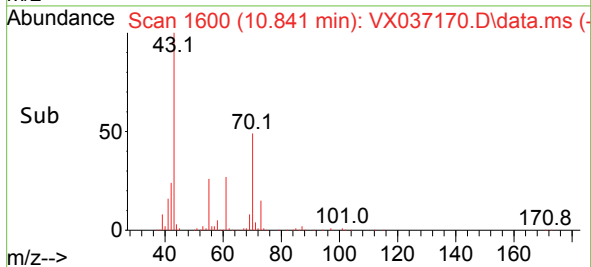
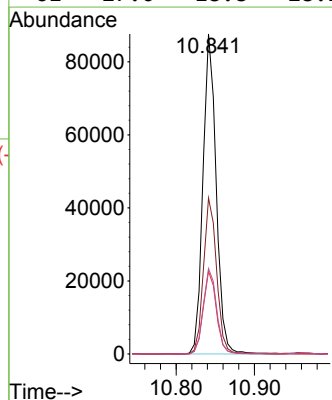
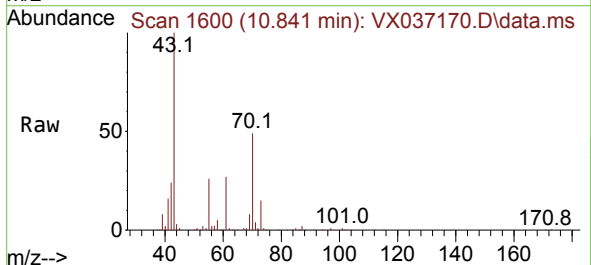
Instrument :  
MSVOA\_X  
ClientSampleId :

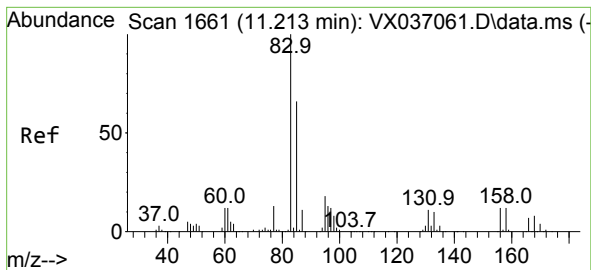
Tgt Ion:105 Resp: 147891  
Ion Ratio Lower Upper  
105 100  
120 26.4 12.9 38.6



#74  
N-ethyl acetate  
Concen: 58.465 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 43 Resp: 102800  
Ion Ratio Lower Upper  
43 100  
70 48.6 32.9 49.3  
55 25.9 19.3 28.9  
61 27.0 18.8 28.2

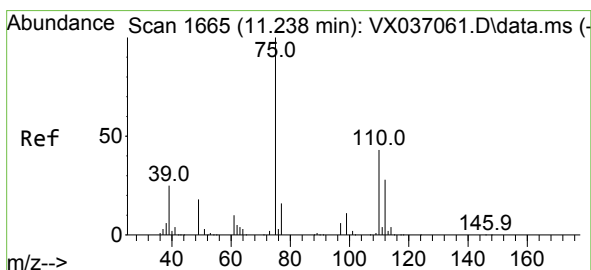
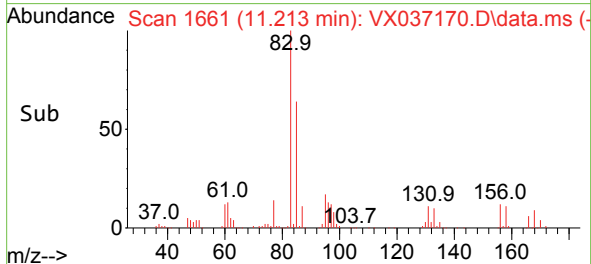
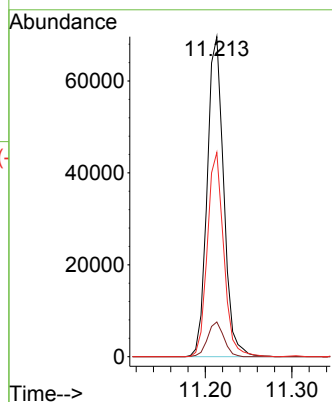
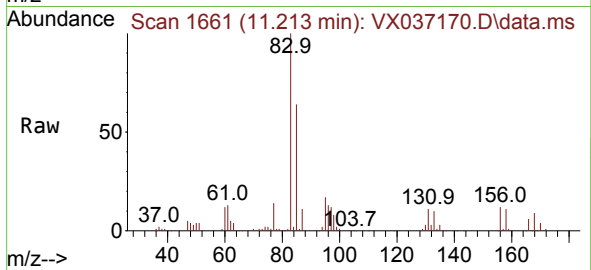




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 60.499 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

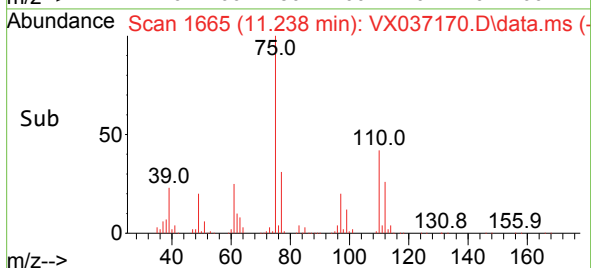
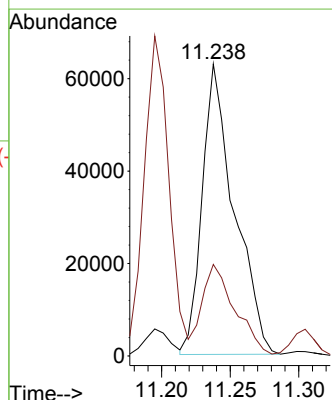
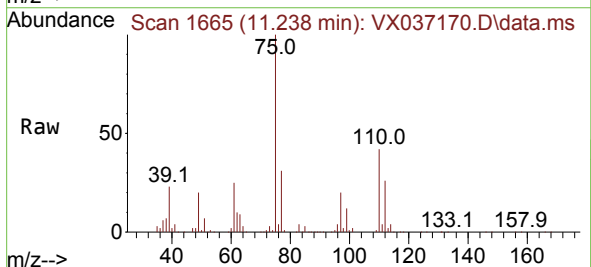
Instrument :  
 MSVOA\_X  
 ClientSampleId :

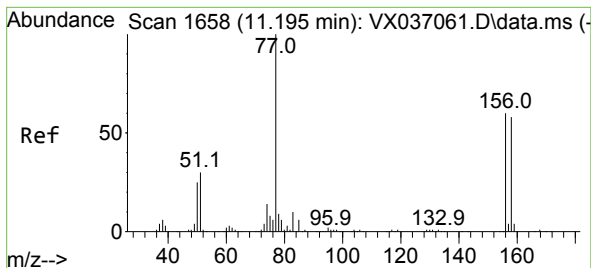
Tgt Ion: 83 Resp: 92198  
 Ion Ratio Lower Upper  
 83 100  
 131 10.7 5.3 15.8  
 85 63.4 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 77.306 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: VX037170.D  
 Acq: 22 Aug 2023 22:20

Tgt Ion: 75 Resp: 102498  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 49.395 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

ClientSampleId :

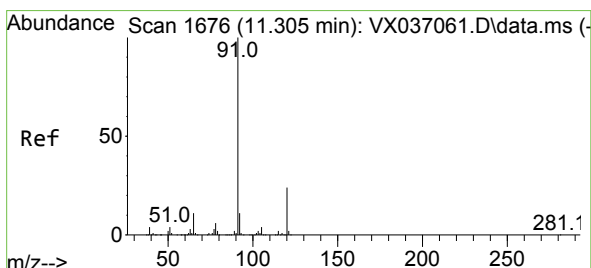
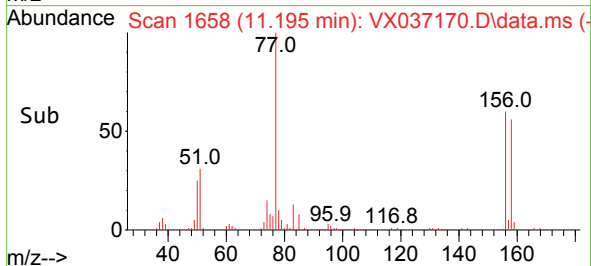
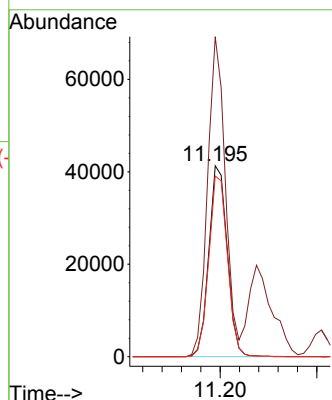
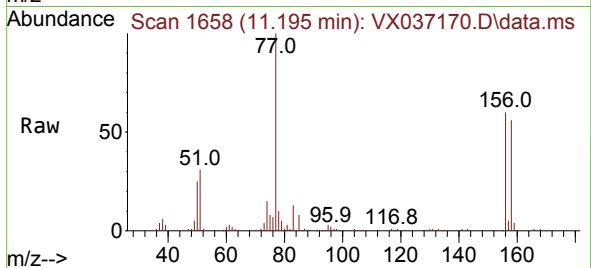
Tgt Ion:156 Resp: 54589

Ion Ratio Lower Upper

156 100

77 160.9 88.4 265.3

158 95.6 48.0 144.0



#78

n-propylbenzene

Concen: 33.925 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037170.D

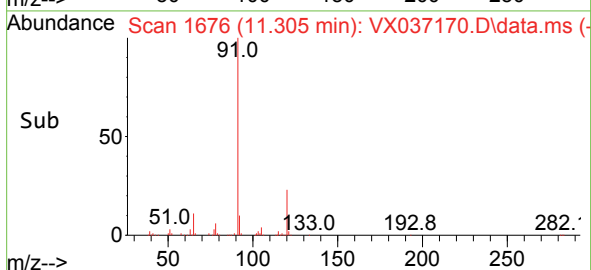
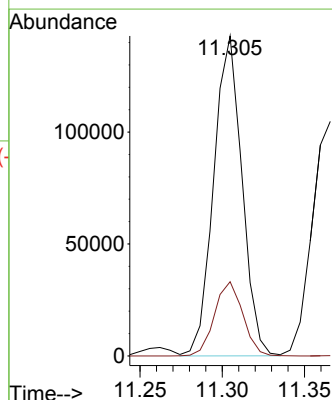
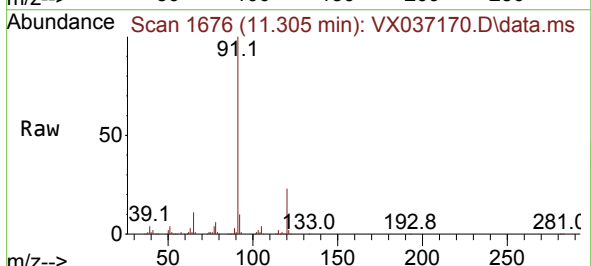
Acq: 22 Aug 2023 22:20

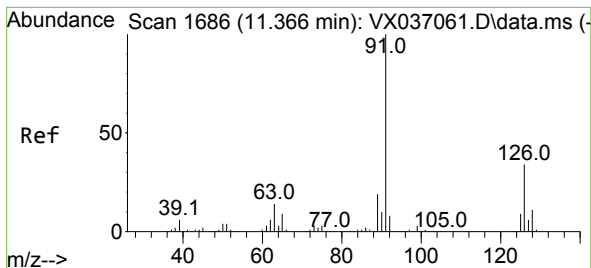
Tgt Ion: 91 Resp: 170940

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 41.049 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

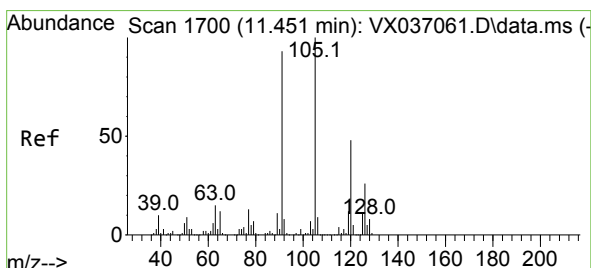
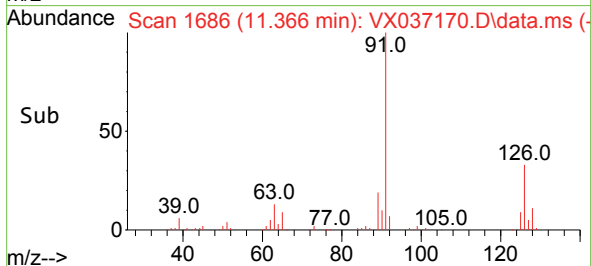
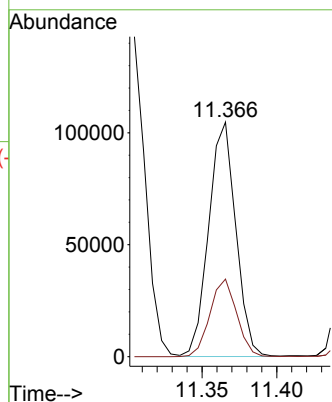
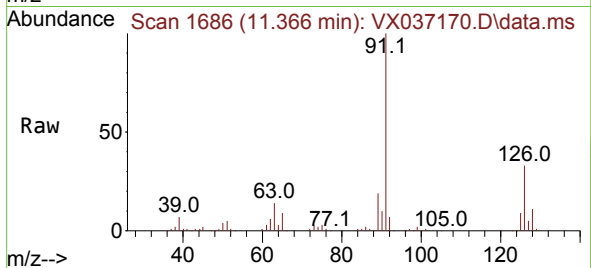
ClientSampleId :

Tgt Ion: 91 Resp: 132178

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 37.327 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037170.D

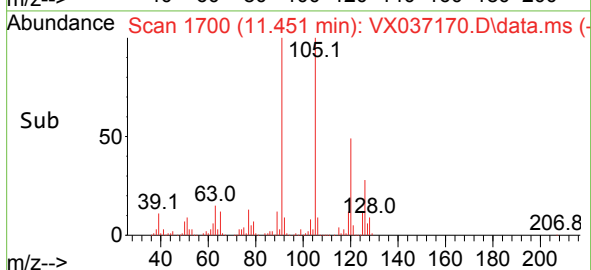
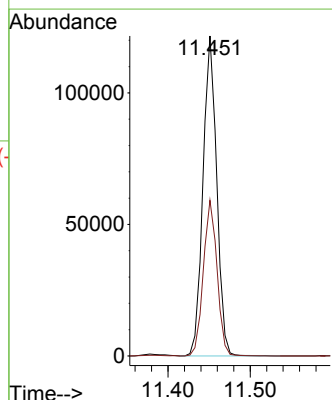
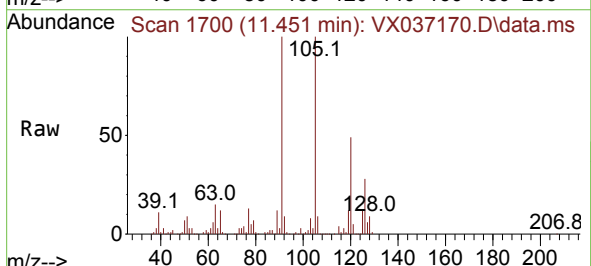
Acq: 22 Aug 2023 22:20

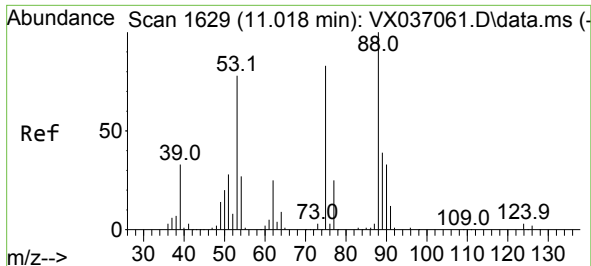
Tgt Ion:105 Resp: 140900

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3

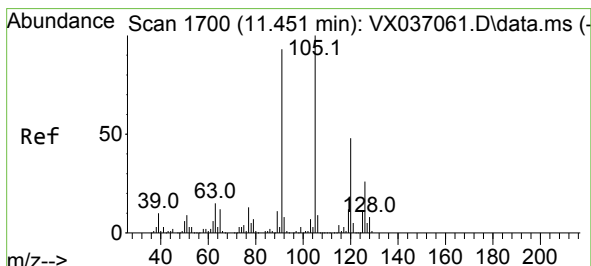
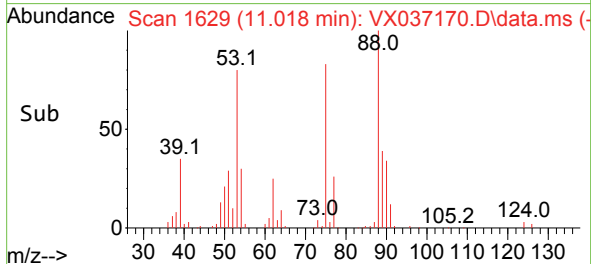
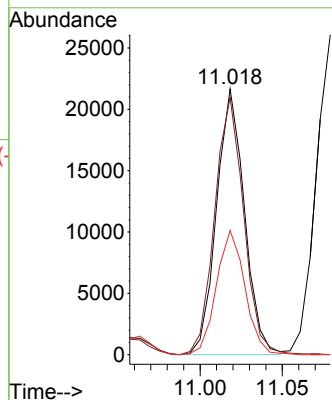
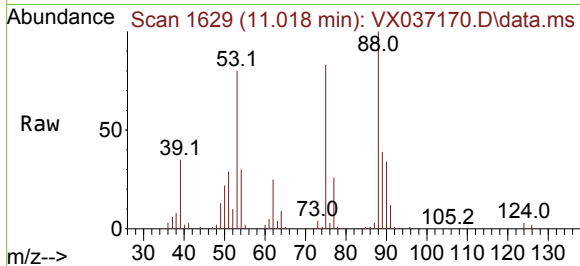




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.798 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

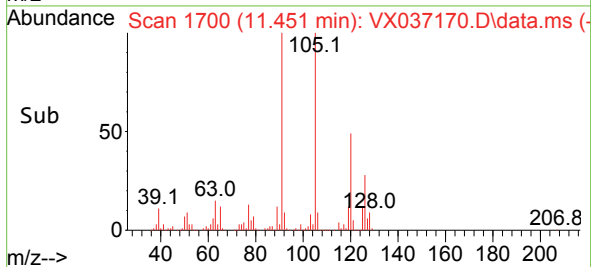
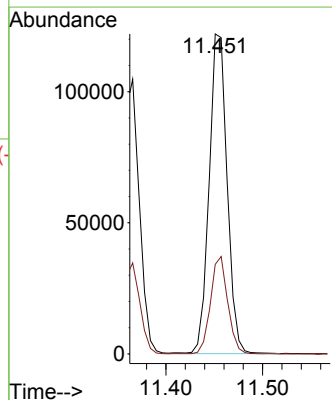
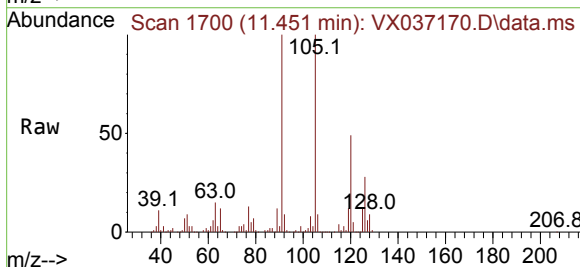
Instrument :  
MSVOA\_X  
ClientSampleId :

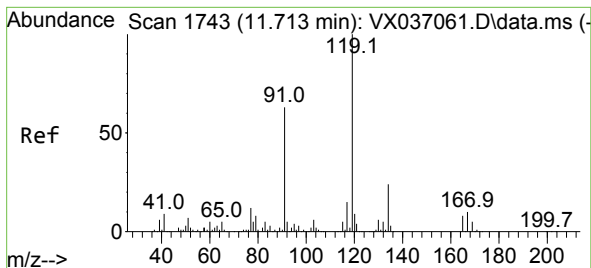
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 100.7 | 90.5  | 135.7 |
| 89      | 47.8  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 42.440 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.3  | 14.2  | 42.6  |





#83

tert-Butylbenzene

Concen: 35.970 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

ClientSampleId :

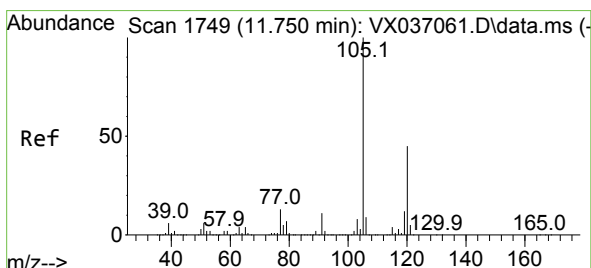
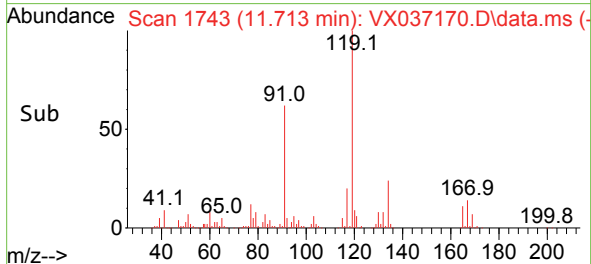
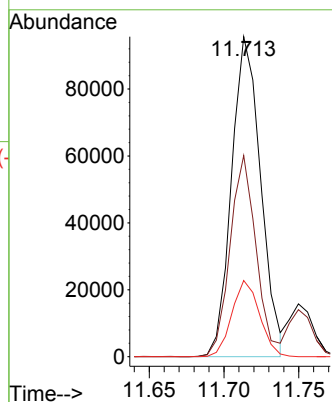
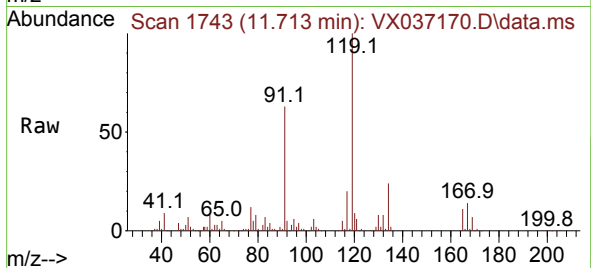
Tgt Ion:119 Resp: 129492

Ion Ratio Lower Upper

119 100

91 56.5 31.2 93.6

134 22.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 41.433 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037170.D

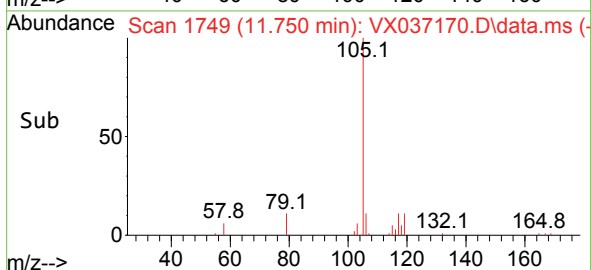
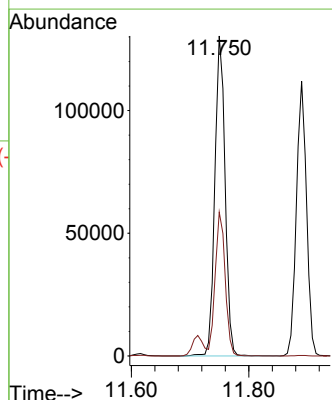
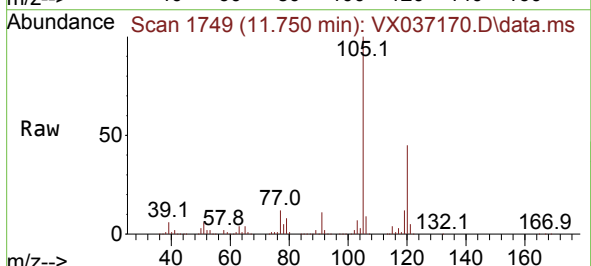
Acq: 22 Aug 2023 22:20

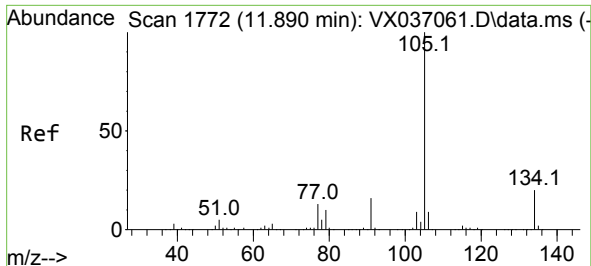
Tgt Ion:105 Resp: 158066

Ion Ratio Lower Upper

105 100

120 43.7 21.2 63.6

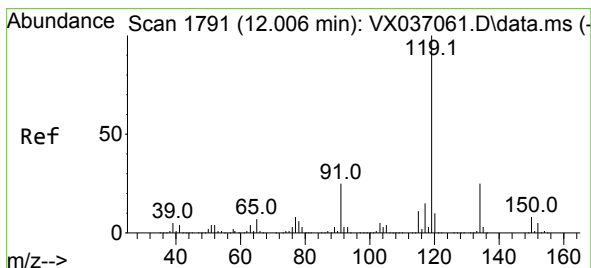
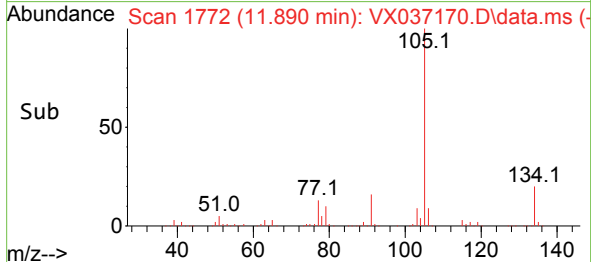
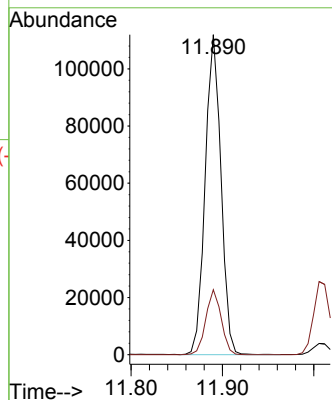
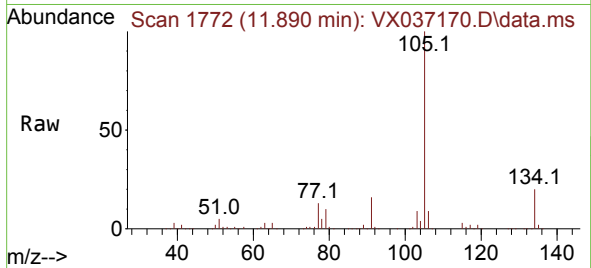




#85  
sec-Butylbenzene  
Concen: 31.919 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

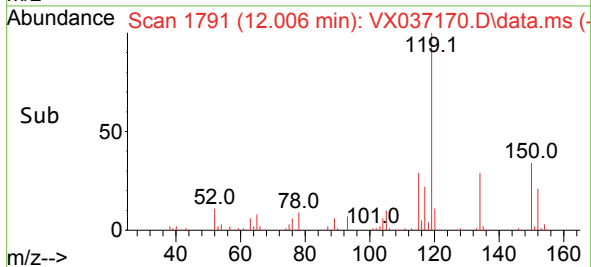
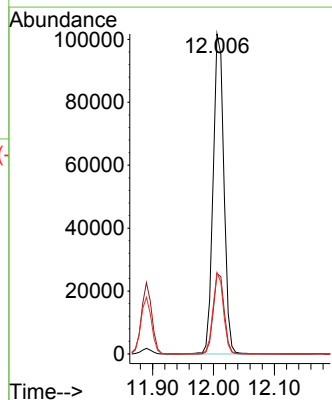
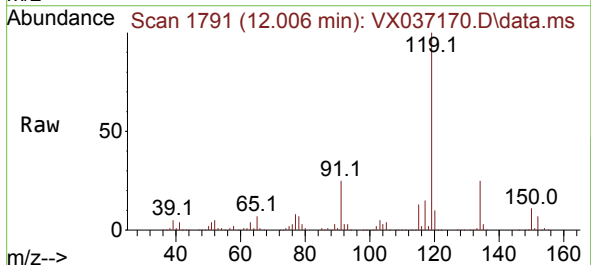
Instrument :  
MSVOA\_X  
ClientSampleId :

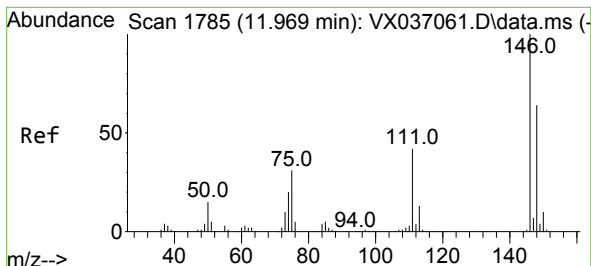
Tgt Ion:105 Resp: 134217  
Ion Ratio Lower Upper  
105 100  
134 19.8 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 34.440 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion:119 Resp: 124667  
Ion Ratio Lower Upper  
119 100  
134 25.3 12.8 38.3  
91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 46.125 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

ClientSampleId :

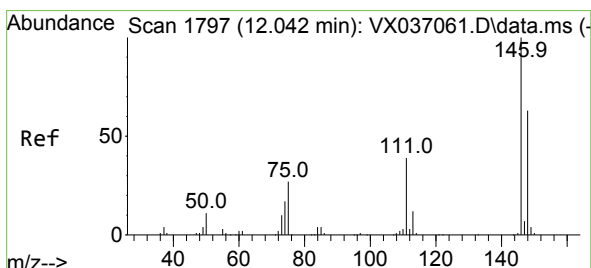
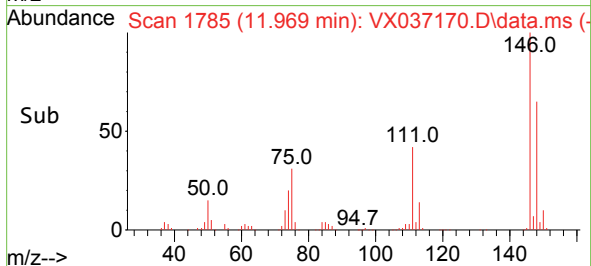
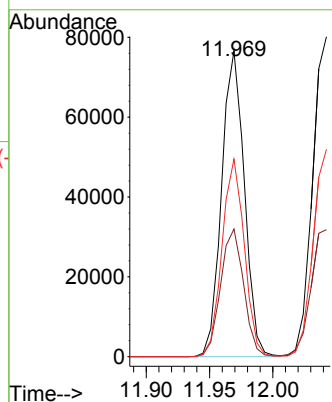
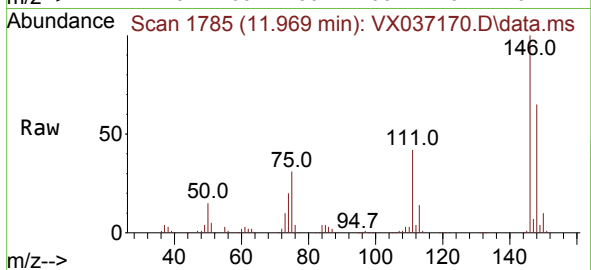
Tgt Ion:146 Resp: 95437

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.1

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 46.830 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

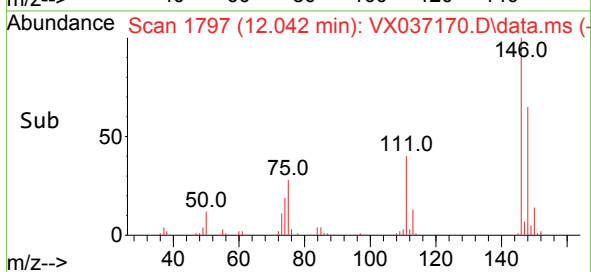
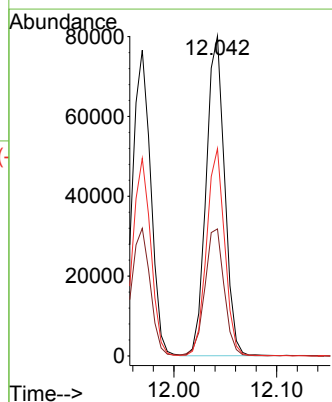
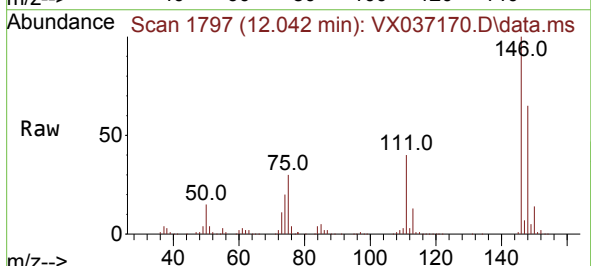
Tgt Ion:146 Resp: 100110

Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 32.998 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

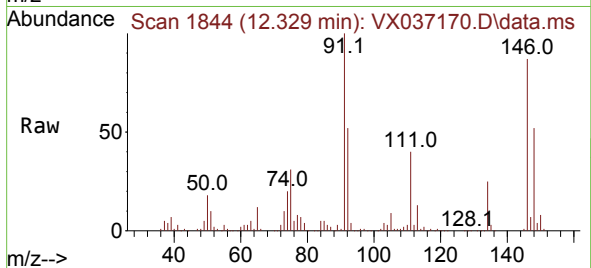
Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

ClientSampleId :



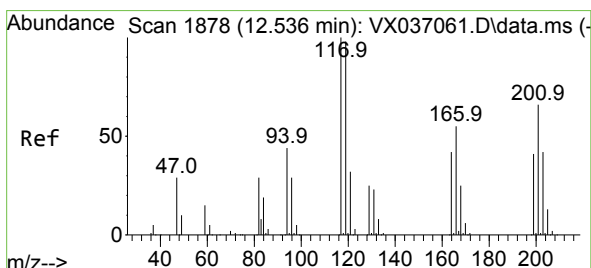
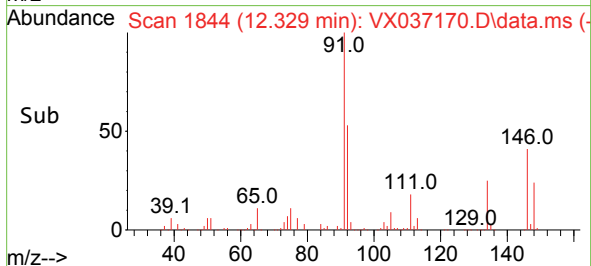
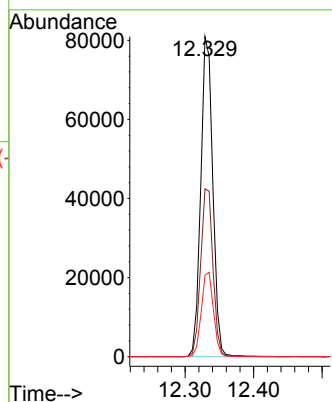
Tgt Ion: 91 Resp: 99029

Ion Ratio Lower Upper

91 100

92 53.8 27.4 82.0

134 26.7 12.6 37.8



#90

Hexachloroethane

Concen: 38.644 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037170.D

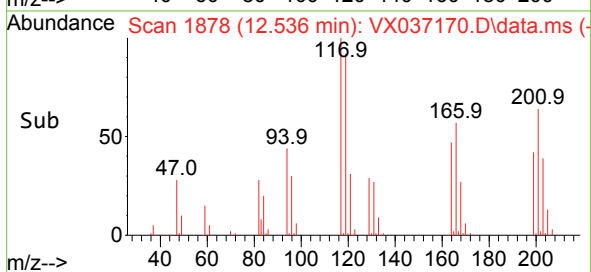
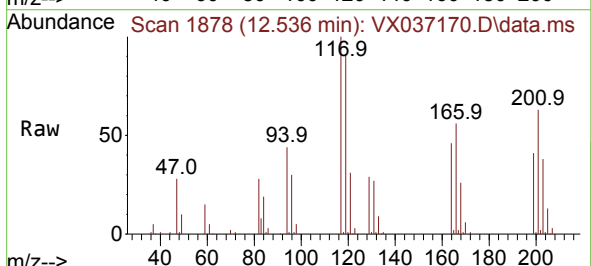
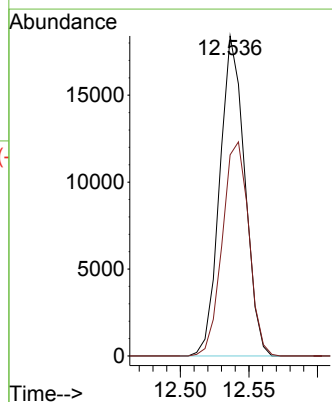
Acq: 22 Aug 2023 22:20

Tgt Ion: 117 Resp: 23348

Ion Ratio Lower Upper

117 100

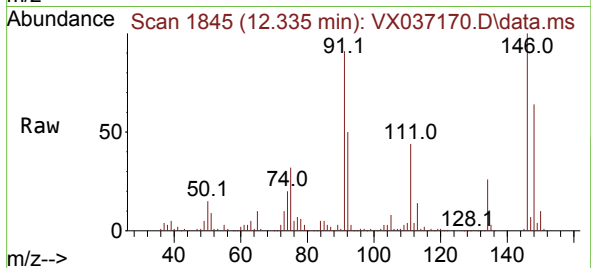
201 70.9 32.9 98.6



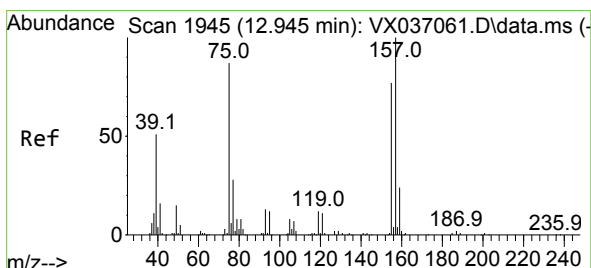
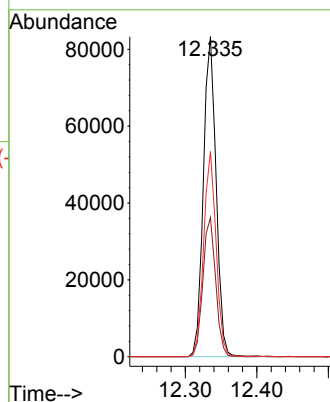
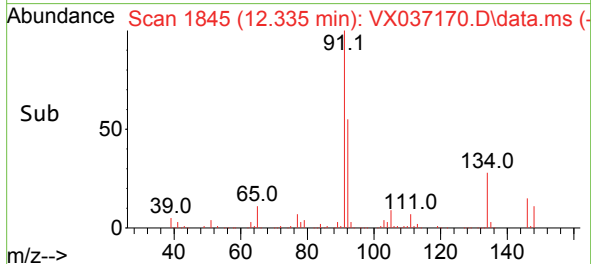


#91  
1,2-Dichlorobenzene  
Concen: 50.956 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Instrument :  
MSVOA\_X  
ClientSampleId :

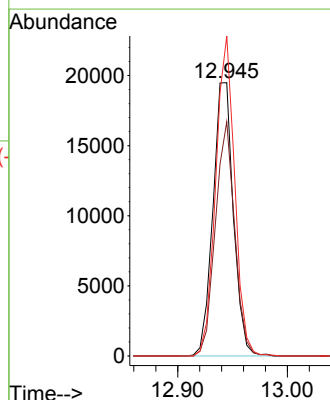
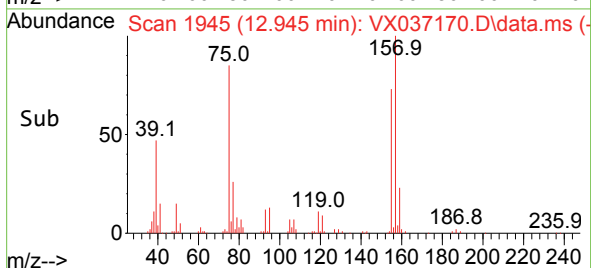
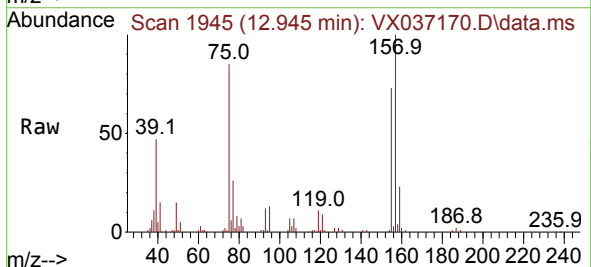


Tgt Ion:146 Resp: 103242  
Ion Ratio Lower Upper  
146 100  
111 43.5 22.4 67.0  
148 62.7 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 71.411 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX037170.D  
Acq: 22 Aug 2023 22:20

Tgt Ion: 75 Resp: 25287  
Ion Ratio Lower Upper  
75 100  
155 81.1 36.1 108.5  
157 108.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.051 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

ClientSampleId :

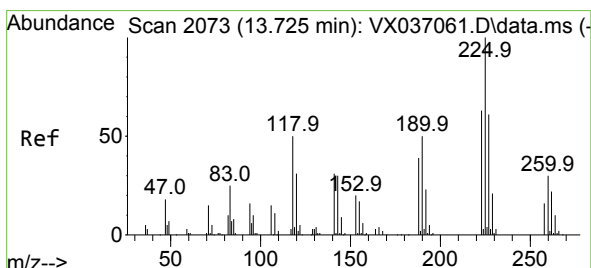
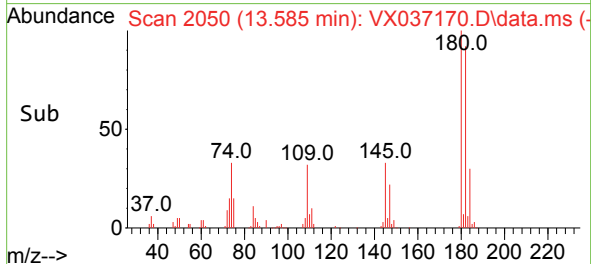
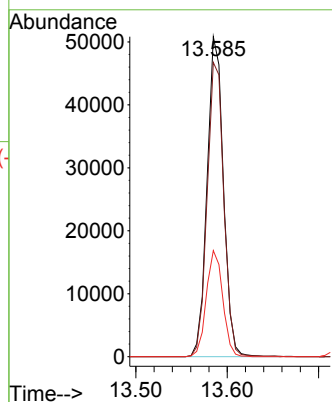
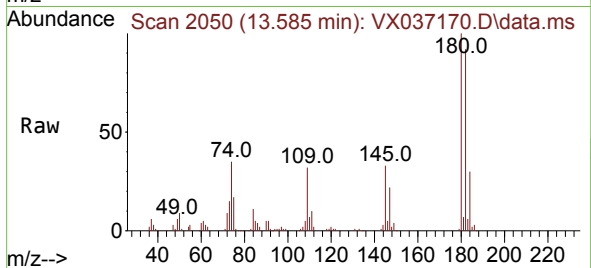
Tgt Ion:180 Resp: 62893

Ion Ratio Lower Upper

180 100

182 93.9 48.3 144.8

145 33.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 28.337 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

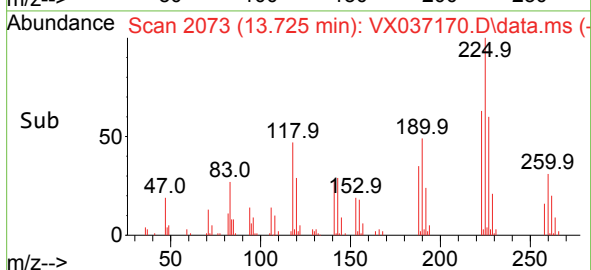
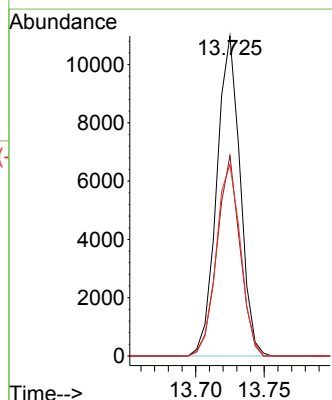
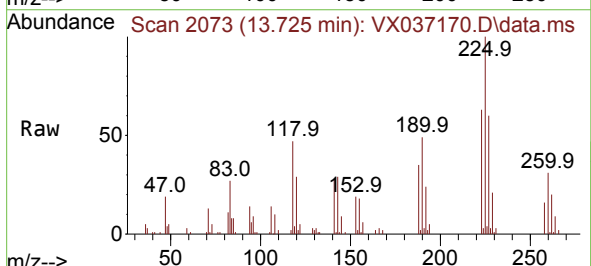
Tgt Ion:225 Resp: 12978

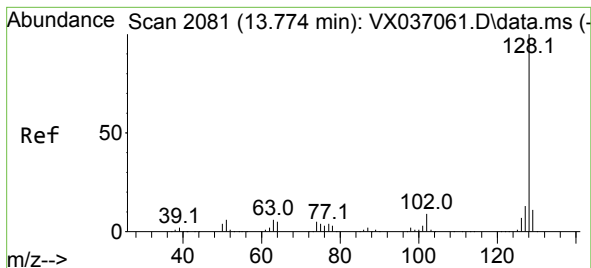
Ion Ratio Lower Upper

225 100

223 61.5 31.1 93.2

227 62.3 32.5 97.5





#95

Naphthalene

Concen: 54.738 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Instrument :

MSVOA\_X

ClientSampleId :

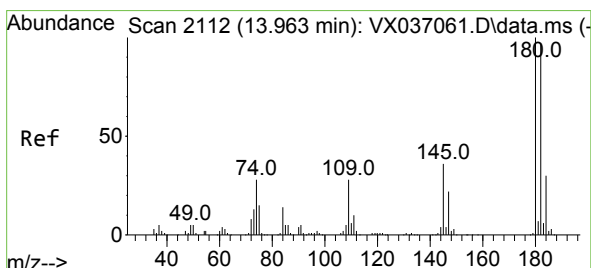
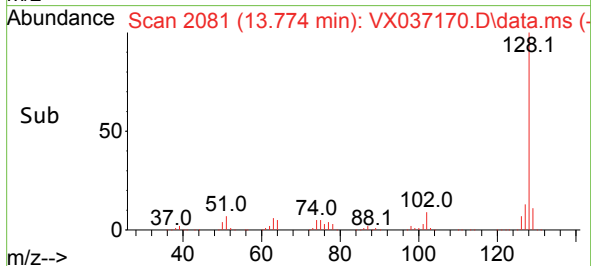
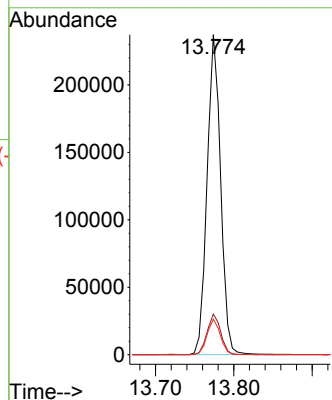
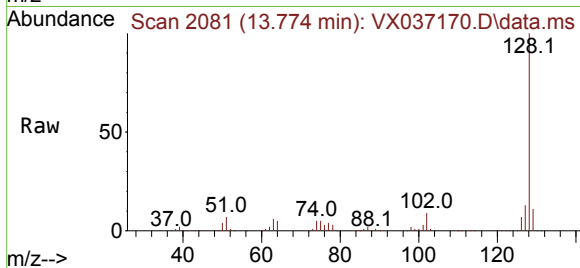
Tgt Ion:128 Resp: 284256

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 55.787 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX037170.D

Acq: 22 Aug 2023 22:20

Tgt Ion:180 Resp: 65707

Ion Ratio Lower Upper

180 100

182 94.5 46.9 140.6

145 35.9 17.8 53.5

