

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081823\  
 Data File : VX037103.D  
 Acq On : 19 Aug 2023 02:51  
 Operator : JC/MD  
 Sample : 04071-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 21 01:38:16 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         | 5.550     | 168   | 85093    | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene       | 6.763     | 114   | 198027   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5          | 10.055    | 117   | 197098   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 86927    | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds   |           |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4     | 5.952     | 65    | 111190   | 90.637   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000    | Range | 78 - 117 | Recovery | =      | 181.280%# |
| 35) Dibromofluoromethane      | 5.385     | 113   | 80880    | 61.670   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | =      | 123.340%  |
| 50) Toluene-d8                | 8.647     | 98    | 250705   | 52.699   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000    | Range | 92 - 112 | Recovery | =      | 105.400%  |
| 62) 4-Bromofluorobenzene      | 11.079    | 95    | 101569   | 54.328   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery | =      | 108.660%  |
| Target Compounds              |           |       |          |          |        |           |
|                               |           |       |          |          |        | Qvalue    |
| 5) Bromomethane               | 1.605     | 94    | 190      | 0.405    | ug/l   | 84        |
| 11) Tert butyl alcohol        | 2.947     | 59    | 6593     | 22.911   | ug/l # | 86        |
| 13) Acrolein                  | 2.233     | 56    | 553      | 2.526    | ug/l   | 85        |
| 15) Acrylonitrile             | 3.075     | 53    | 401      | 0.781    | ug/l # | 89        |
| 16) Acetone                   | 2.380     | 43    | 30536    | 63.627   | ug/l   | 93        |
| 17) Carbon Disulfide          | 2.514     | 76    | 1696     | 0.761    | ug/l   | 98        |
| 18) Methyl Acetate            | 2.703     | 43    | 2209     | 1.222    | ug/l   | 94        |
| 20) Methylene Chloride        | 2.788     | 84    | 12277    | 11.439   | ug/l   | 88        |
| 21) trans-1,2-Dichloroethene  | 3.099     | 96    | 231      | 0.232    | ug/l # | 61        |
| 23) Vinyl Acetate             | 3.727     | 43    | 852      | 0.400    | ug/l # | 73        |
| 25) 2-Butanone                | 4.568     | 43    | 10237    | 14.166   | ug/l   | 97        |
| 29) Tetrahydrofuran           | 5.032     | 42    | 726      | 1.575    | ug/l # | 82        |
| 37) Ethyl Acetate             | 4.721     | 43    | 3731     | 1.960    | ug/l # | 94        |
| 38) Carbon Tetrachloride      | 5.550     | 117   | 9077     | 4.485    | ug/l # | 15        |
| 40) Benzene                   | 6.038     | 78    | 70051    | 13.109   | ug/l   | 95        |
| 41) Methacrylonitrile         | 5.019     | 41    | 272      | 0.275    | ug/l # | 43        |
| 43) Isopropyl Acetate         | 6.336     | 43    | 108925   | 36.047   | ug/l # | 93        |
| 48) Methyl methacrylate       | 7.799     | 41    | 89615    | 60.811   | ug/l # | 48        |
| 49) 1,4-Dioxane               | 7.665     | 88    | 33       | 0.831    | ug/l # | 12        |
| 51) 4-Methyl-2-Pentanone      | 8.549     | 43    | 108557   | 59.162   | ug/l # | 37        |
| 52) Toluene                   | 8.720     | 92    | 47841    | 13.550   | ug/l   | 96        |
| 53) t-1,3-Dichloropropene     | 8.958     | 75    | 954      | 0.451    | ug/l # | 43        |
| 54) cis-1,3-Dichloropropene   | 8.549     | 75    | 43846    | 19.166   | ug/l # | 52        |
| 58) 2-Chloroethyl Vinyl ether | 8.251     | 63    | 432      | 0.400    | ug/l # | 55        |
| 59) 2-Hexanone                | 9.482     | 43    | 62145    | 44.419   | ug/l # | 56        |
| 64) Tetrachloroethene         | 9.281     | 164   | 317      | 0.220    | ug/l # | 79        |
| 67) Ethyl Benzene             | 10.195    | 91    | 7249     | 0.989    | ug/l   | 94        |
| 68) m/p-Xylenes               | 10.299    | 106   | 13038    | 4.606    | ug/l   | 98        |
| 69) o-Xylene                  | 10.640    | 106   | 8710     | 3.119    | ug/l   | 97        |
| 70) Styrene                   | 10.659    | 104   | 8609     | 1.871    | ug/l   | 95        |
| 73) Isopropylbenzene          | 10.963    | 105   | 1450     | 0.229    | ug/l   | 95        |
| 74) N-amyl acetate            | 10.775    | 43    | 914      | 0.372    | ug/l # | 48        |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75    | 52596    | 28.411   | ug/l # | 38        |
| 78) n-propylbenzene           | 11.305    | 91    | 2428     | 0.345    | ug/l   | 100       |
| 79) 2-Chlorotoluene           | 11.366    | 91    | 1261     | 0.280    | ug/l   | 84        |
| 80) 1,3,5-Trimethylbenzene    | 11.451    | 105   | 3000     | 0.569    | ug/l   | 90        |

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 Sample : 04071-07  
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 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 21 01:38:16 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

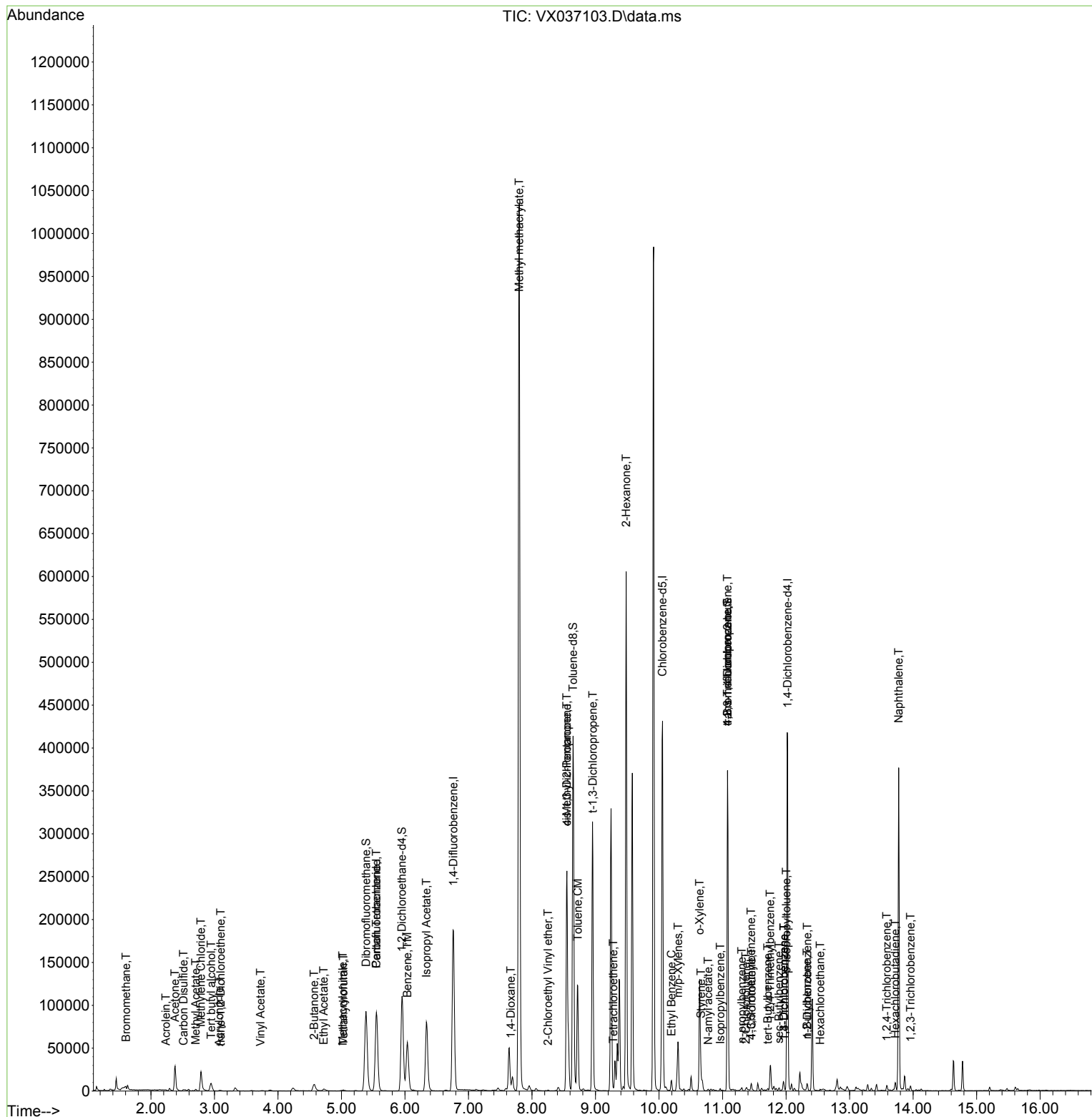
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 52596    | 79.353 | ug/l # | 5        |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 1868     | 0.360  | ug/l   | 89       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 1008     | 0.201  | ug/l   | 84       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 11304    | 2.122  | ug/l   | 76       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 2235     | 0.381  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 2065     | 0.409  | ug/l # | 81       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 1058     | 0.366  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 11.969 | 146  | 1058     | 0.354  | ug/l   | 94       |
| 89) n-Butylbenzene            | 12.329 | 91   | 2702     | 0.645  | ug/l   | 93       |
| 90) Hexachloroethane          | 12.536 | 117  | 304      | 0.360  | ug/l   | 59       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 847      | 0.299  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 1393     | 0.842  | ug/l   | 87       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 758      | 1.185  | ug/l   | 92       |
| 95) Naphthalene               | 13.774 | 128  | 220672   | 30.434 | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1343     | 0.817  | ug/l   | 98       |
| -----                         |        |      |          |        |        |          |

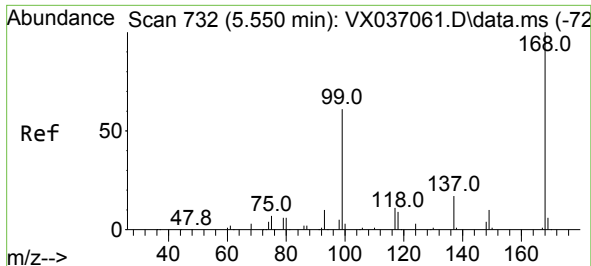
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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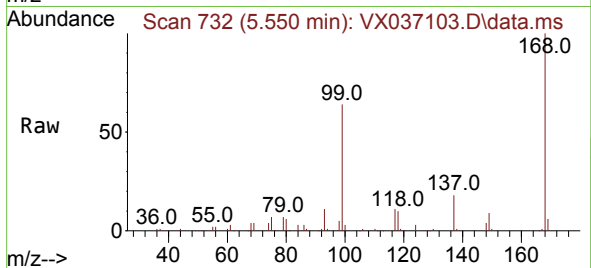
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Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration



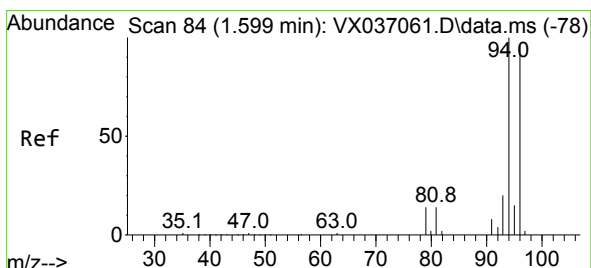
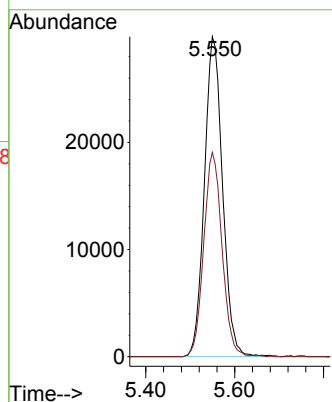
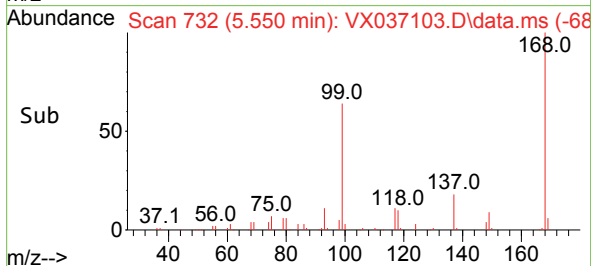


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Instrument :  
MSVOA\_X  
ClientSampleId :

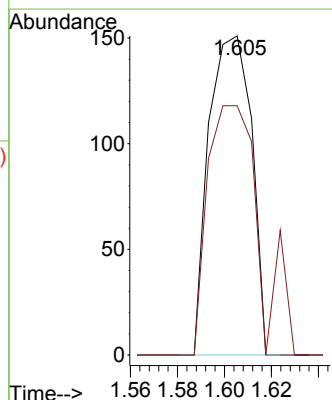
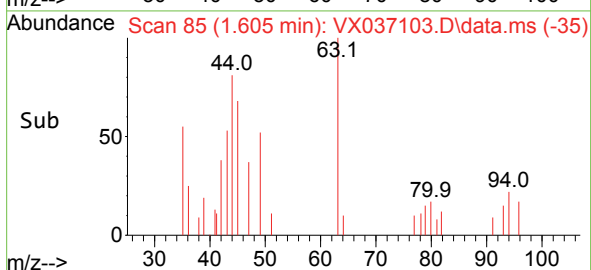
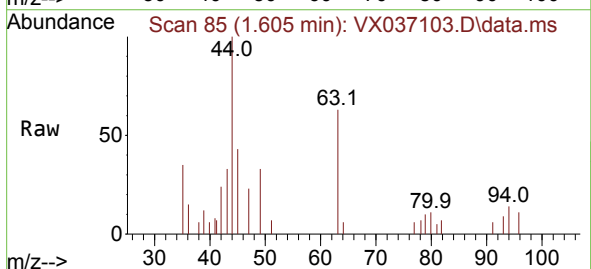


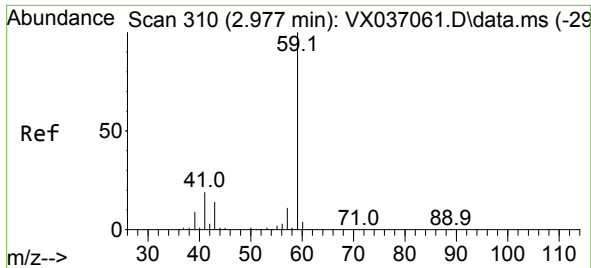
Tgt Ion:168 Resp: 85093  
Ion Ratio Lower Upper  
168 100  
99 63.9 56.6 85.0



#5  
Bromomethane  
Concen: 0.405 ug/l  
RT: 1.605 min Scan# 85  
Delta R.T. 0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Tgt Ion: 94 Resp: 190  
Ion Ratio Lower Upper  
94 100  
96 78.1 74.6 111.8

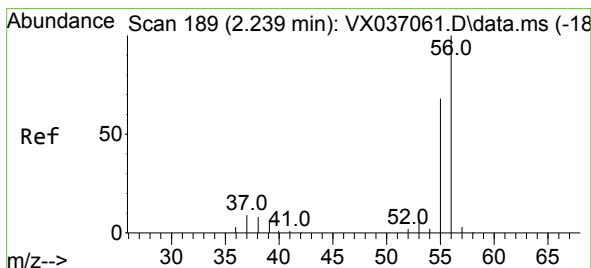
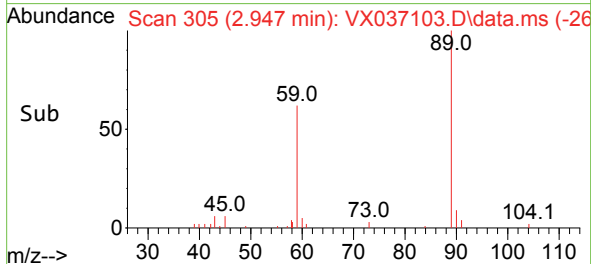
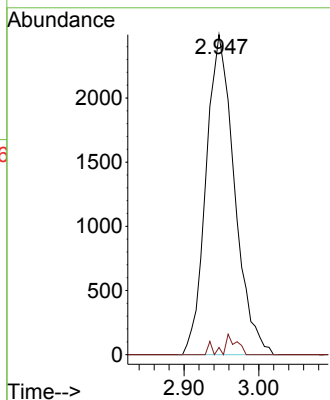
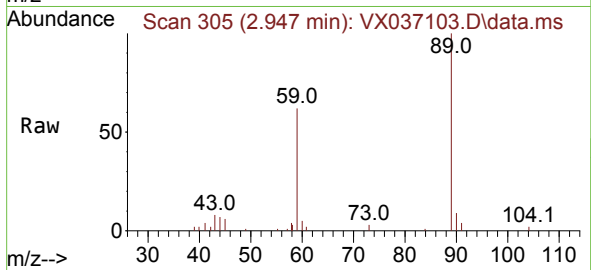




#11  
Tert butyl alcohol  
Concen: 22.911 ug/l  
RT: 2.947 min Scan# 30  
Delta R.T. -0.030 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

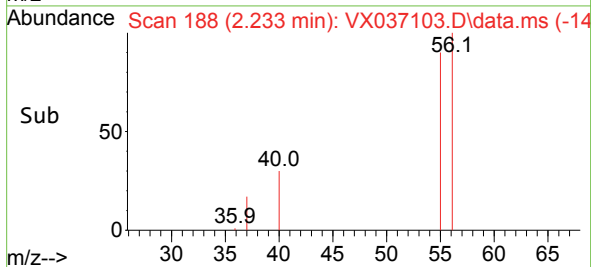
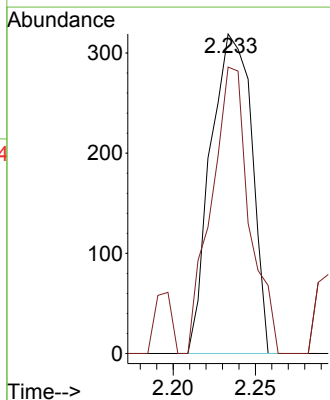
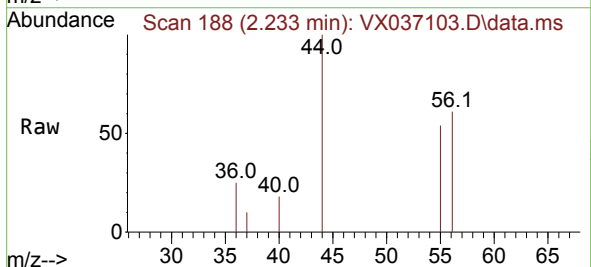
Instrument :  
MSVOA\_X  
ClientSampleId :

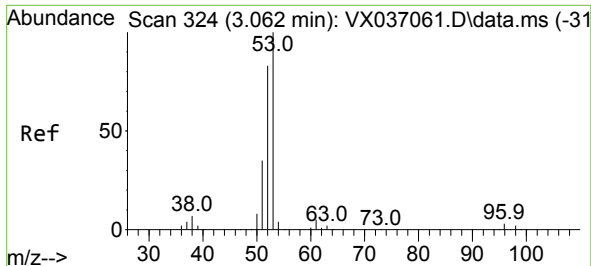
Tgt Ion: 59 Resp: 6593  
Ion Ratio Lower Upper  
59 100  
57 2.6 6.0 9.0#



#13  
Acrolein  
Concen: 2.526 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. -0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

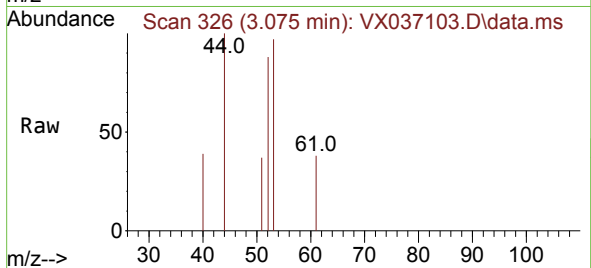
Tgt Ion: 56 Resp: 553  
Ion Ratio Lower Upper  
56 100  
55 83.7 57.1 85.7



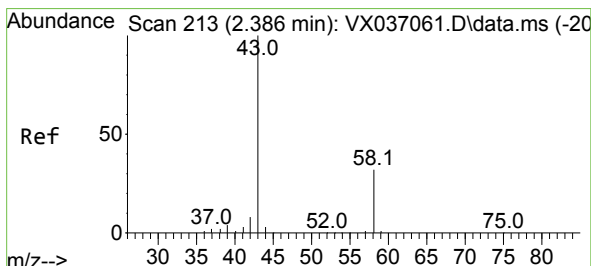
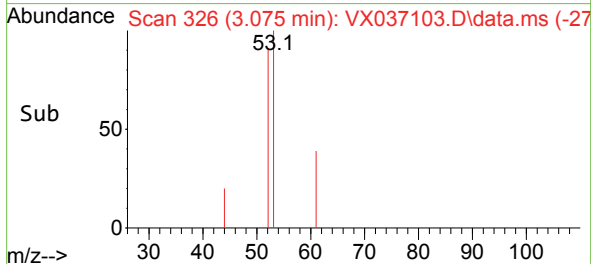
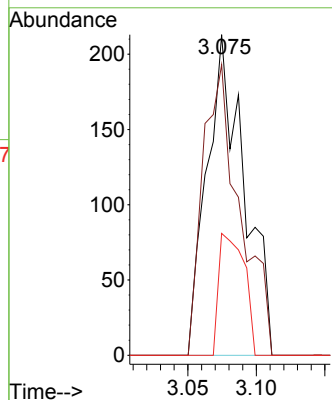


#15  
Acrylonitrile  
Concen: 0.781 ug/l  
RT: 3.075 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Instrument :  
MSVOA\_X  
ClientSampleId :

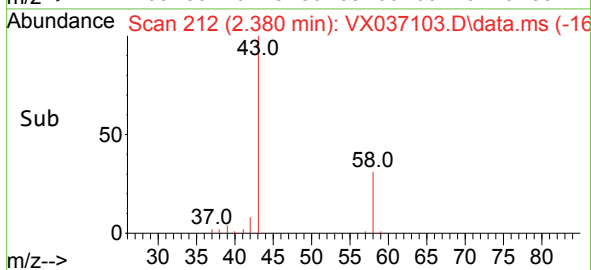
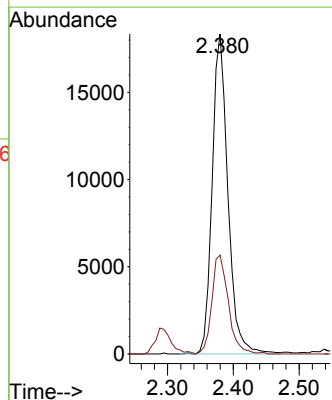
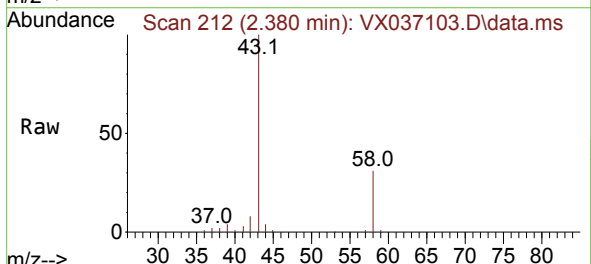


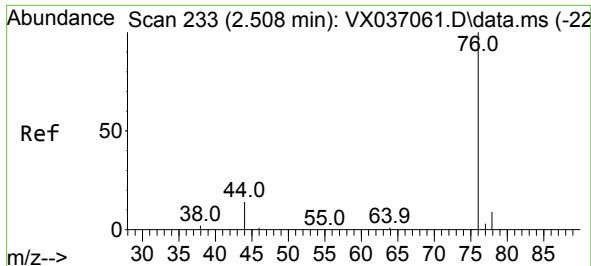
Tgt Ion: 53 Resp: 401  
Ion Ratio Lower Upper  
53 100  
52 89.8 66.0 99.0  
51 25.9 29.8 44.6#



#16  
Acetone  
Concen: 63.627 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Tgt Ion: 43 Resp: 30536  
Ion Ratio Lower Upper  
43 100  
58 30.9 21.9 32.9

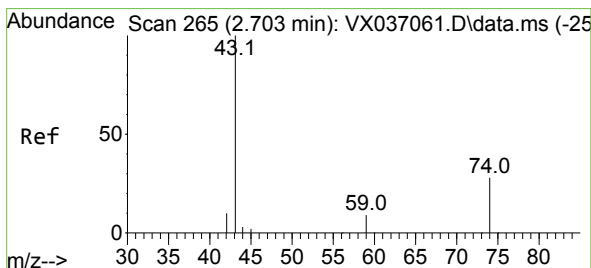
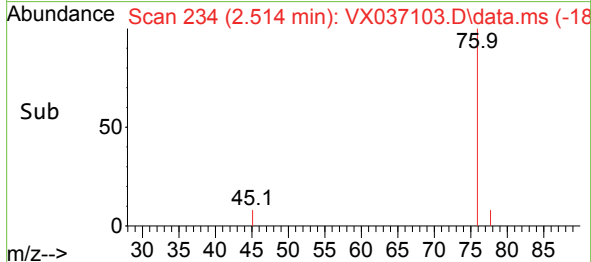
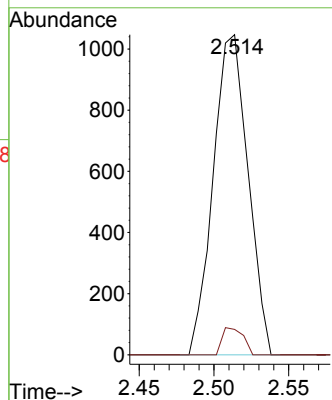
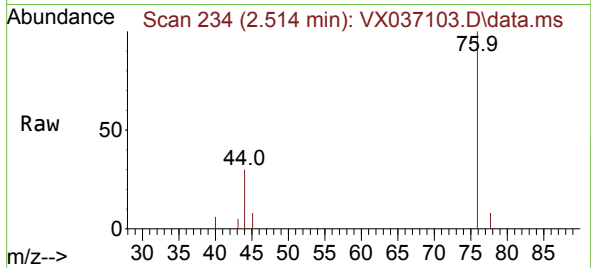




#17  
Carbon Disulfide  
Concen: 0.761 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

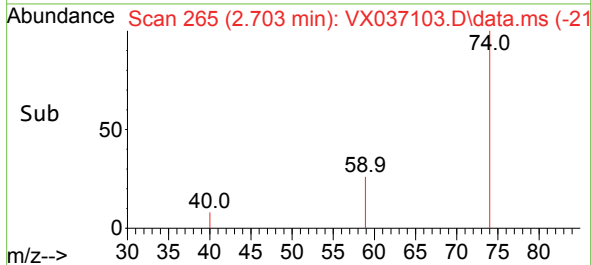
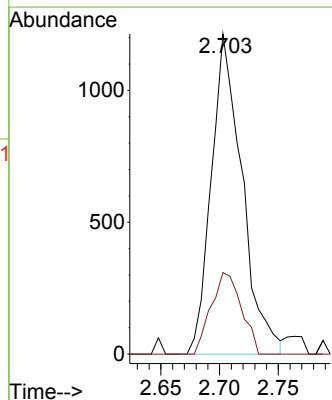
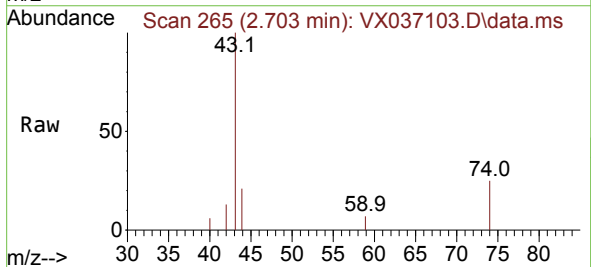
Instrument :  
MSVOA\_X  
ClientSampleId :

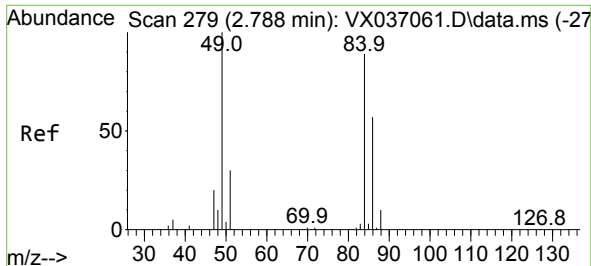
Tgt Ion: 76 Resp: 1696  
Ion Ratio Lower Upper  
76 100  
78 7.9 7.0 10.6



#18  
Methyl Acetate  
Concen: 1.222 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

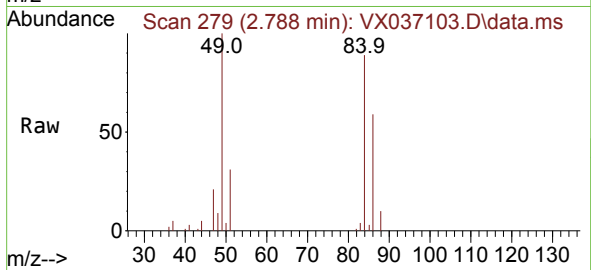
Tgt Ion: 43 Resp: 2209  
Ion Ratio Lower Upper  
43 100  
74 25.1 17.8 26.8



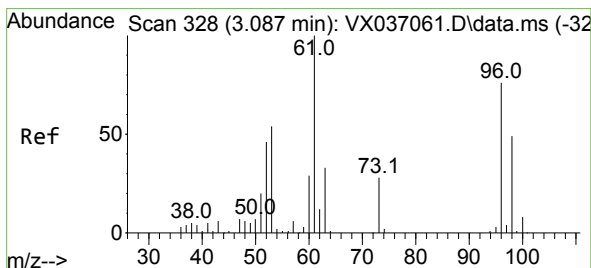
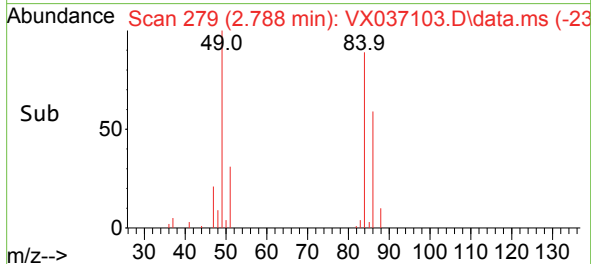
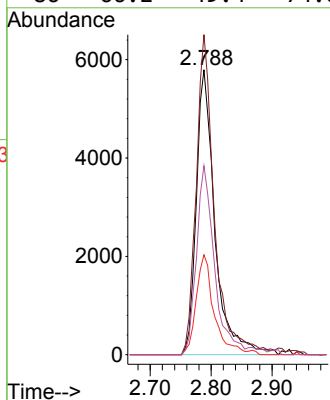


#20  
Methylene Chloride  
Concen: 11.439 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Instrument :  
MSVOA\_X  
ClientSampleId :

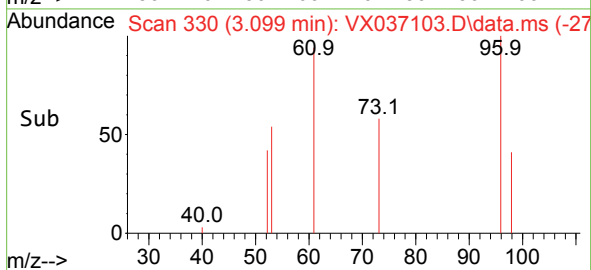
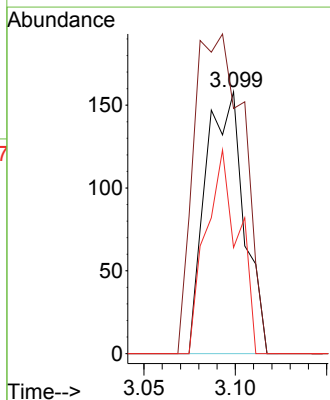
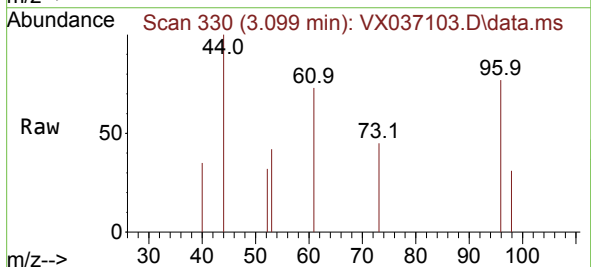


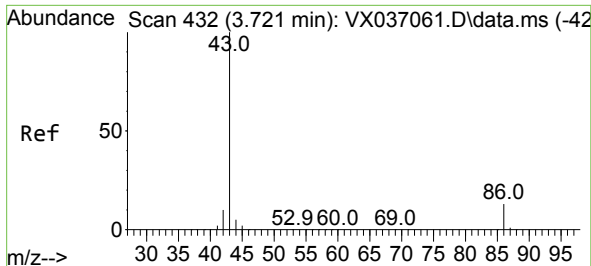
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 12277 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 112.3 | 103.6 | 155.4 |
| 51       | 35.0  | 33.8  | 50.6  |
| 86       | 66.2  | 49.4  | 74.0  |



#21  
trans-1,2-Dichloroethene  
Concen: 0.232 ug/l  
RT: 3.099 min Scan# 330  
Delta R.T. 0.012 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 231    |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 93.7  | 119.2 | 178.8# |
| 98       | 40.5  | 48.7  | 73.1#  |

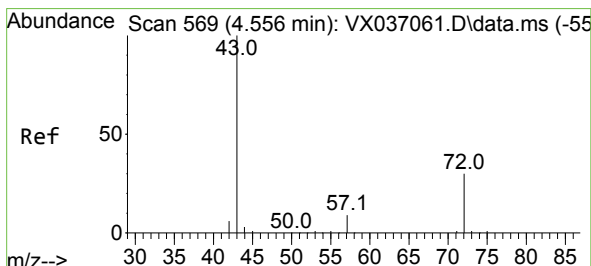
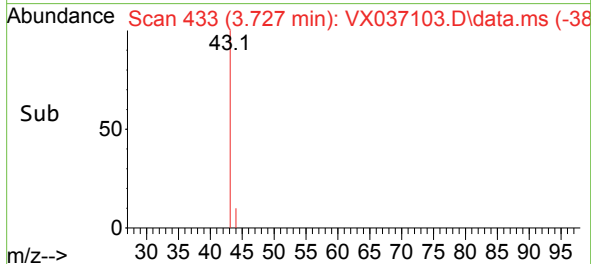
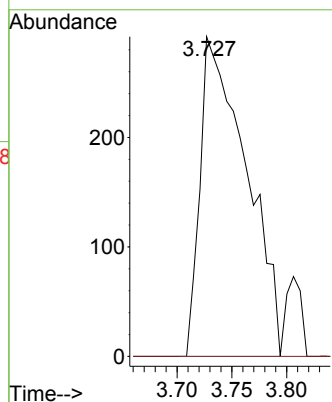
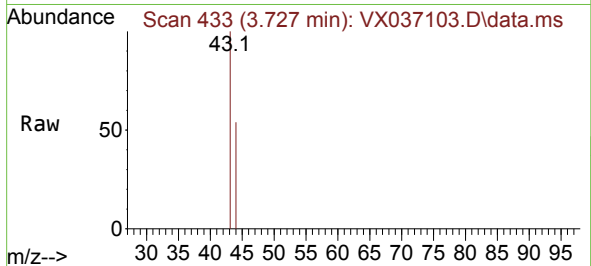




#23  
 Vinyl Acetate  
 Concen: 0.400 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX037103.D  
 Acq: 19 Aug 2023 02:51

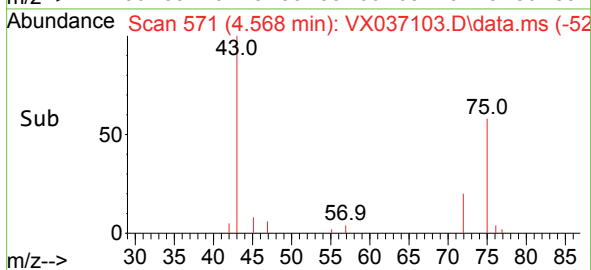
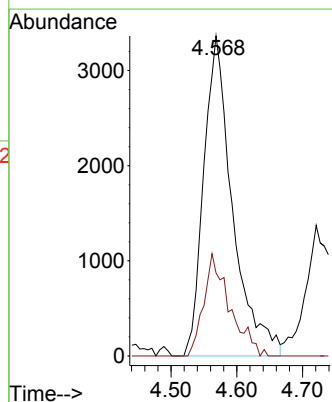
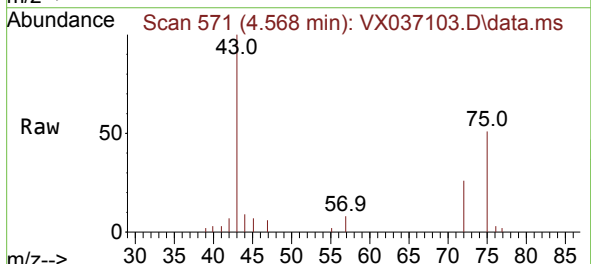
Instrument :  
 MSVOA\_X  
 ClientSampleId :

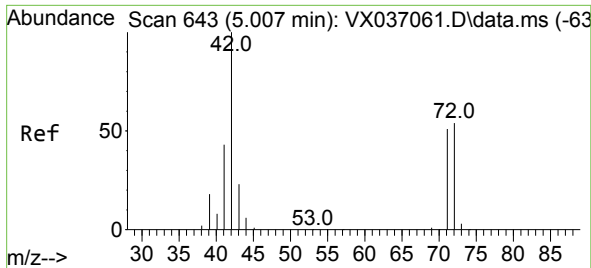
Tgt Ion: 43 Resp: 852  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 7.8 11.8#



#25  
 2-Butanone  
 Concen: 14.166 ug/l  
 RT: 4.568 min Scan# 571  
 Delta R.T. 0.012 min  
 Lab File: VX037103.D  
 Acq: 19 Aug 2023 02:51

Tgt Ion: 43 Resp: 10237  
 Ion Ratio Lower Upper  
 43 100  
 72 26.0 19.4 29.2





#29

Tetrahydrofuran

Concen: 1.575 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX037103.D

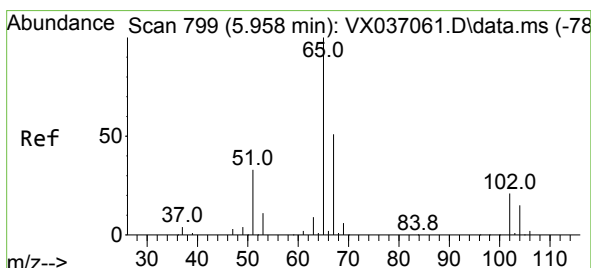
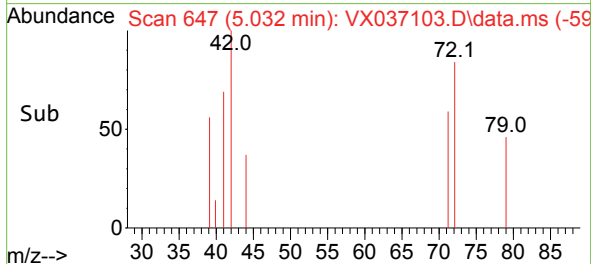
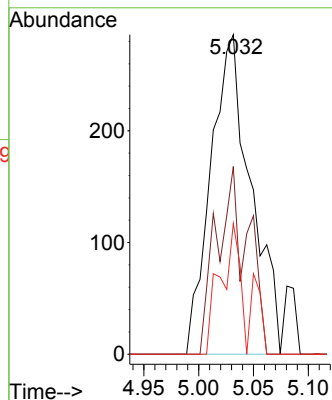
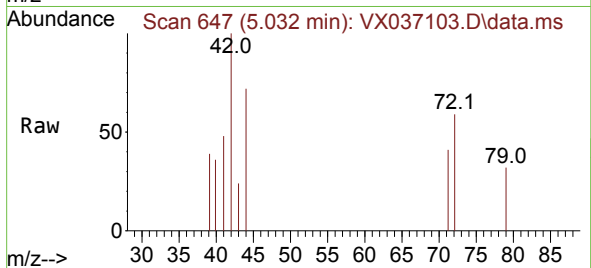
Acq: 19 Aug 2023 02:51

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 726   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 46.0  | 34.2  | 51.4  |
| 71       | 20.0  | 32.2  | 48.2# |



#33

1,2-Dichloroethane-d4

Concen: 90.637 ug/l

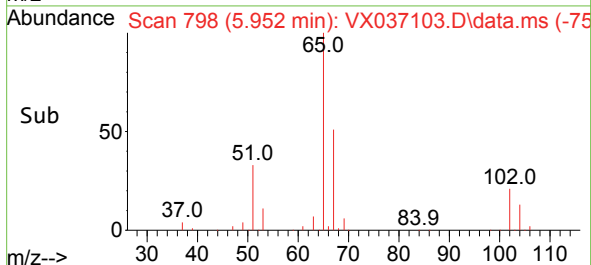
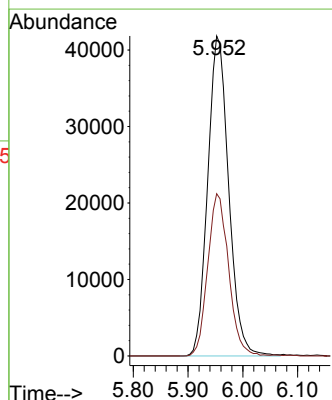
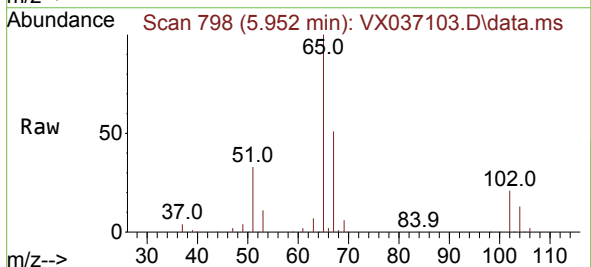
RT: 5.952 min Scan# 798

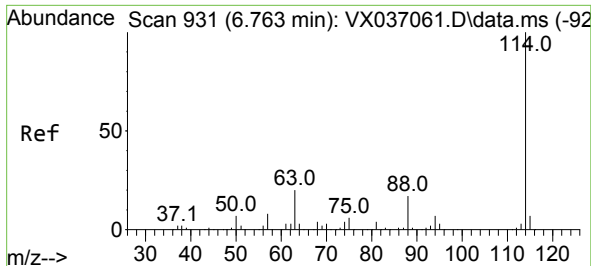
Delta R.T. -0.006 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 111190 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 50.4  | 0.0   | 100.2  |

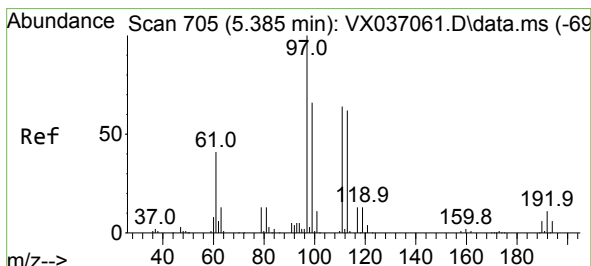
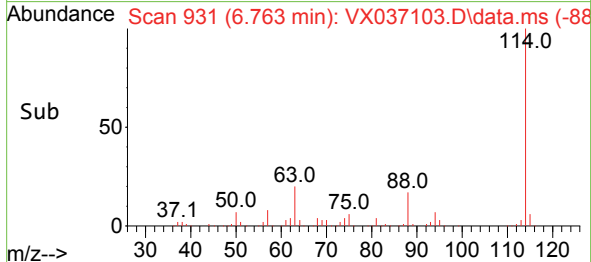
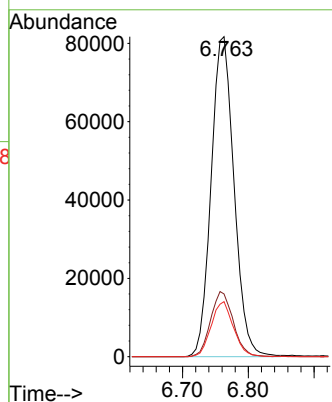
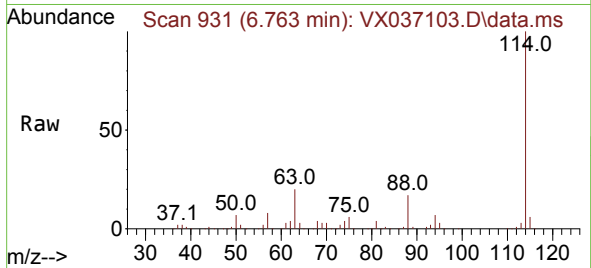




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

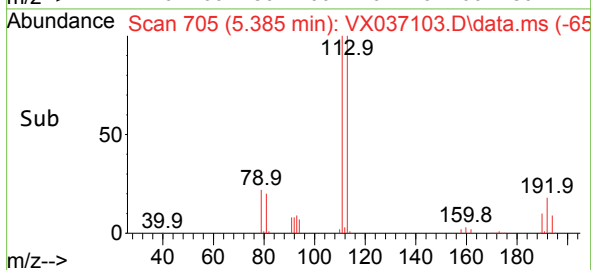
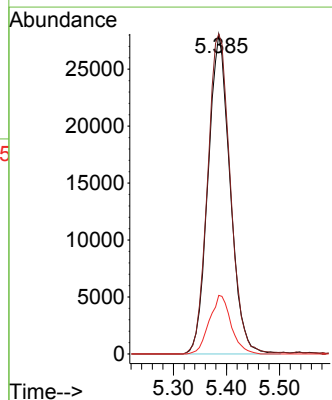
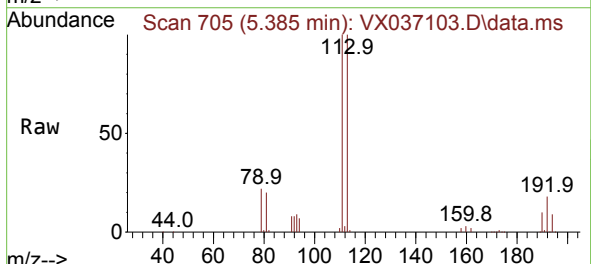
Instrument :  
MSVOA\_X  
ClientSampleId :

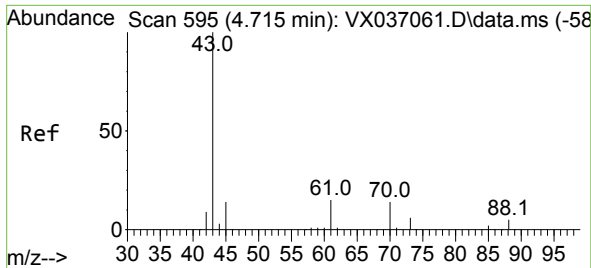
Tgt Ion:114 Resp: 198027  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 45.0  
88 17.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 61.670 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

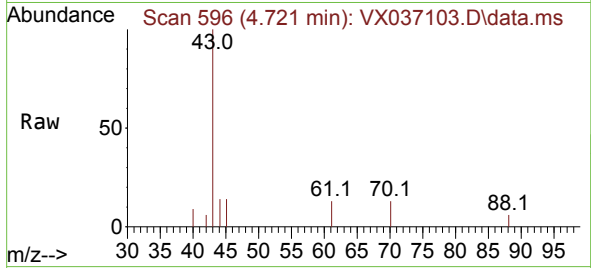
Tgt Ion:113 Resp: 80880  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.9 124.3  
192 18.0 13.3 19.9



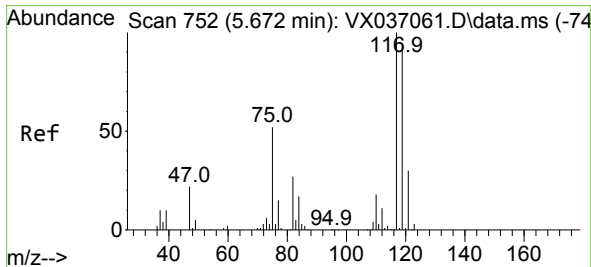
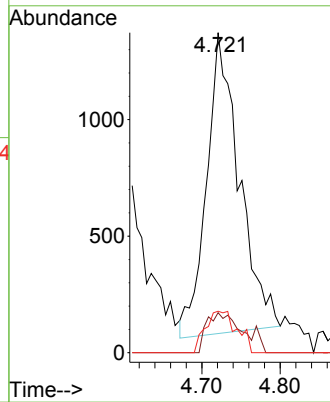
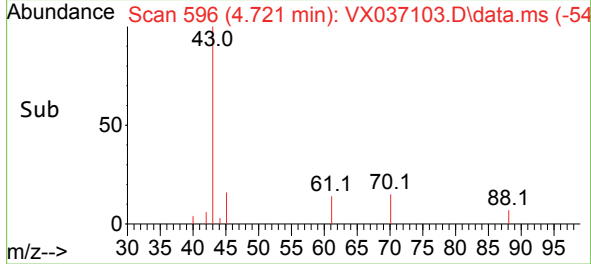


#37  
Ethyl Acetate  
Concen: 1.960 ug/l  
RT: 4.721 min Scan# 595  
Delta R.T. 0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Instrument :  
MSVOA\_X  
ClientSampleId :

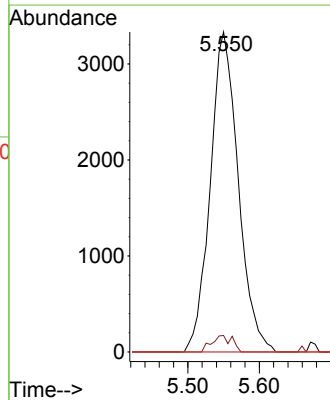
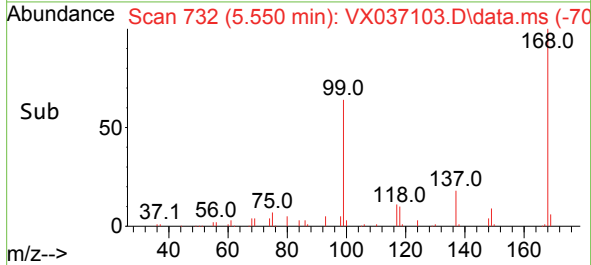
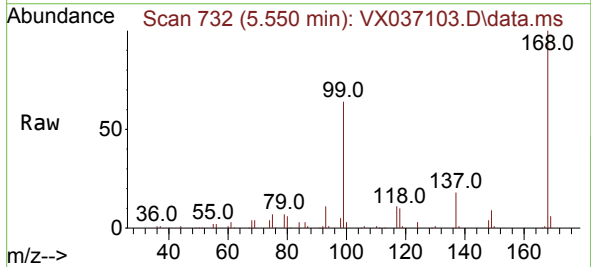


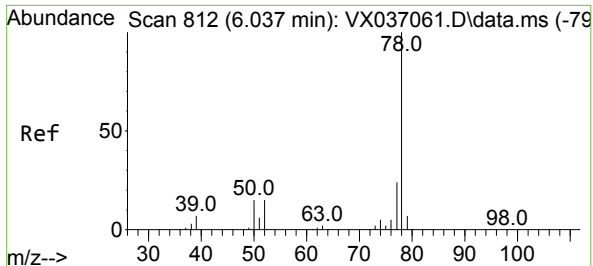
Tgt Ion: 43 Resp: 3731  
Ion Ratio Lower Upper  
43 100  
61 14.9 10.6 16.0  
70 13.3 8.3 12.5#



#38  
Carbon Tetrachloride  
Concen: 4.485 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.122 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Tgt Ion: 117 Resp: 9077  
Ion Ratio Lower Upper  
117 100  
119 5.2 78.2 117.2#  
121 0.0 24.4 36.6#

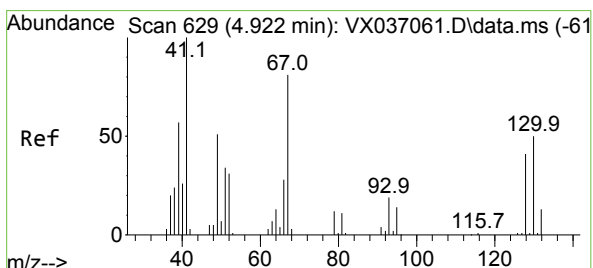
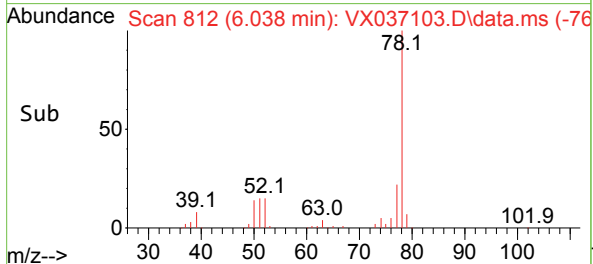
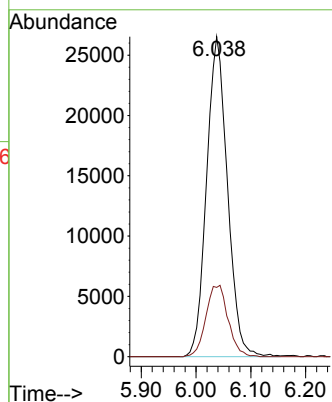
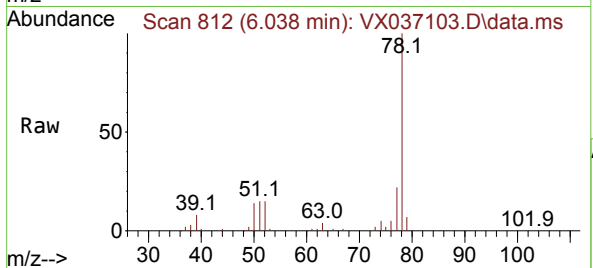




#40  
Benzene  
Concen: 13.109 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

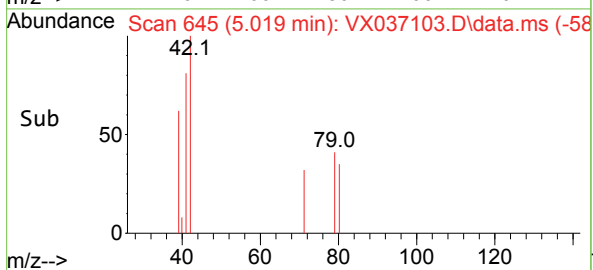
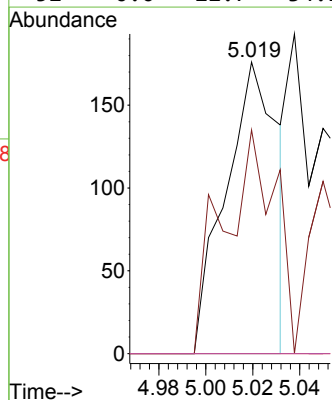
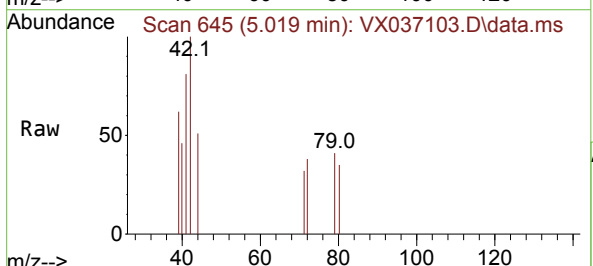
Instrument :  
MSVOA\_X  
ClientSampleId :

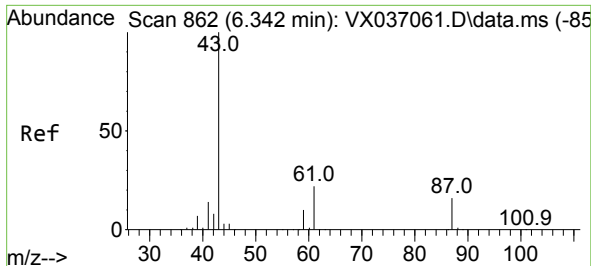
Tgt Ion: 78 Resp: 70051  
Ion Ratio Lower Upper  
78 100  
77 21.6 19.3 28.9



#41  
Methacrylonitrile  
Concen: 0.275 ug/l  
RT: 5.019 min Scan# 645  
Delta R.T. 0.098 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

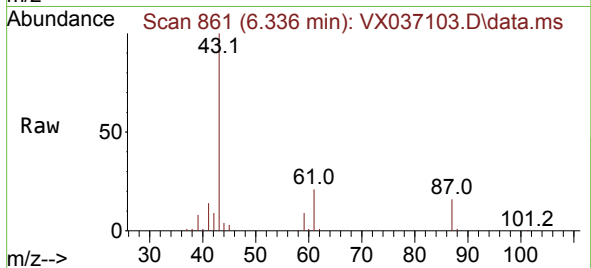
Tgt Ion: 41 Resp: 272  
Ion Ratio Lower Upper  
41 100  
39 76.8 45.2 67.8#  
67 0.0 52.6 78.8#  
52 0.0 22.7 34.1#



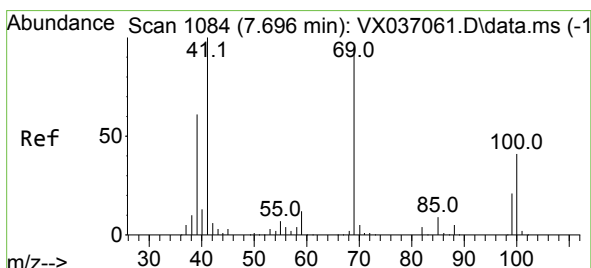
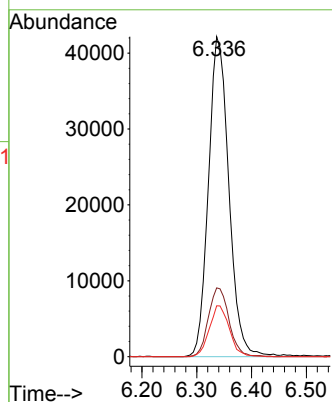
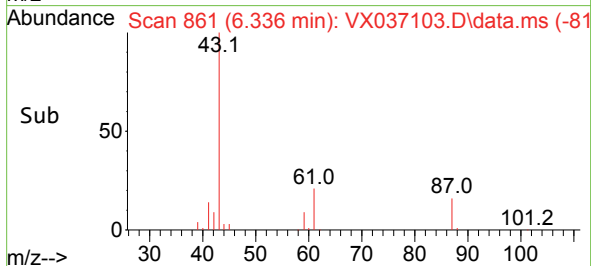


#43  
Isopropyl Acetate  
Concen: 36.047 ug/l  
RT: 6.336 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

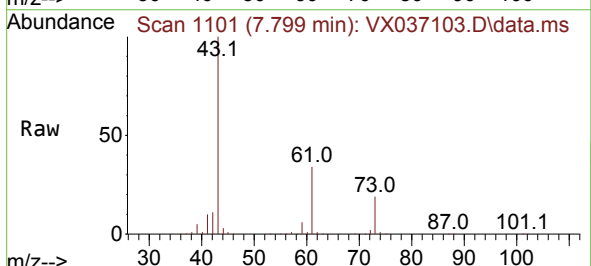
Instrument :  
MSVOA\_X  
ClientSampleId :



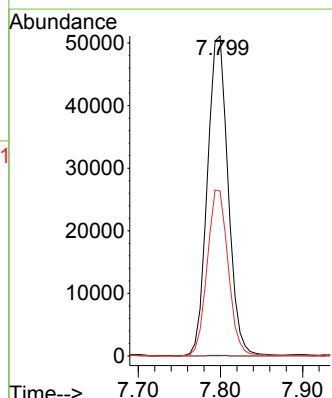
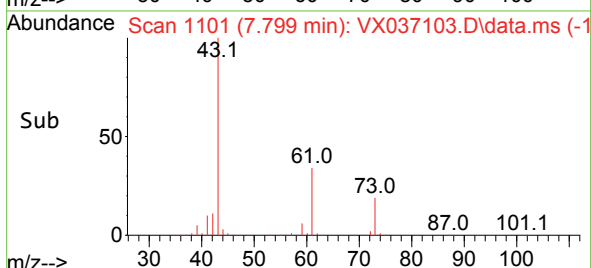
Tgt Ion: 43 Resp: 108925  
Ion Ratio Lower Upper  
43 100  
61 21.8 15.2 22.8  
87 15.6 9.8 14.6#

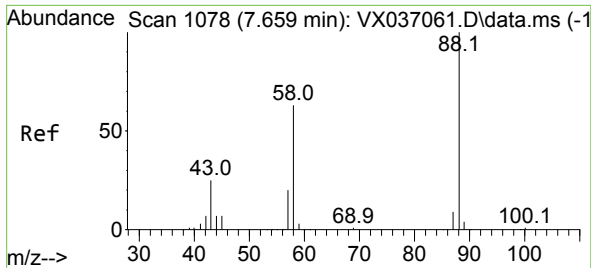


#48  
Methyl methacrylate  
Concen: 60.811 ug/l  
RT: 7.799 min Scan# 1101  
Delta R.T. 0.104 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51



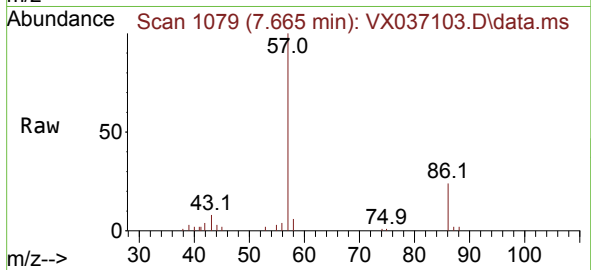
Tgt Ion: 41 Resp: 89615  
Ion Ratio Lower Upper  
41 100  
69 0.1 59.2 88.8#  
39 52.7 47.7 71.5



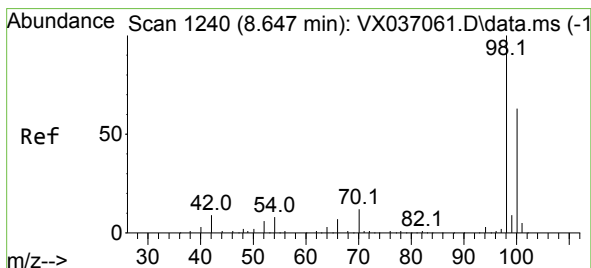
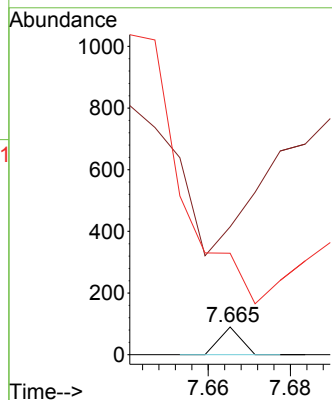
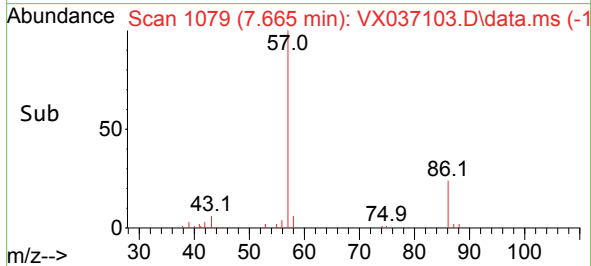


#49  
1,4-Dioxane  
Concen: 0.831 ug/l  
RT: 7.665 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Instrument :  
MSVOA\_X  
ClientSampleId :

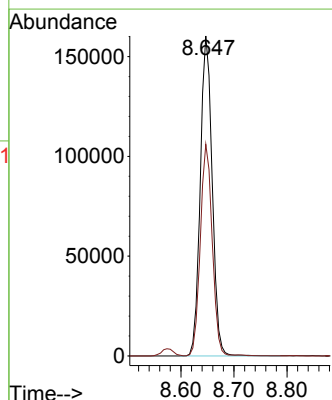
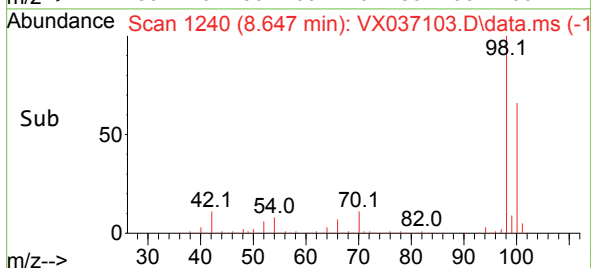
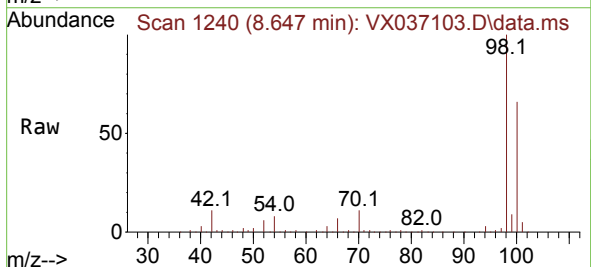


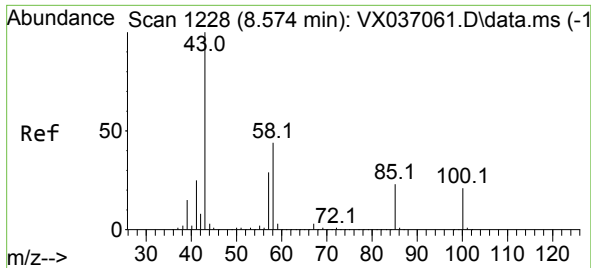
Tgt Ion: 88 Resp: 33  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 0.0 60.1 90.1#



#50  
Toluene-d8  
Concen: 52.699 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Tgt Ion: 98 Resp: 250705  
Ion Ratio Lower Upper  
98 100  
100 65.8 53.1 79.7

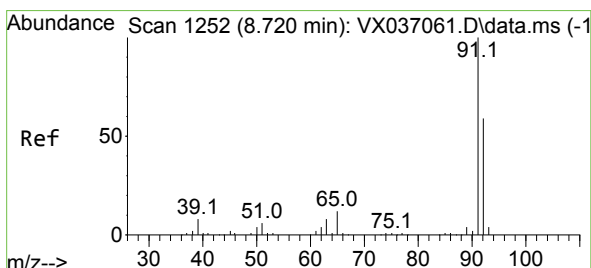
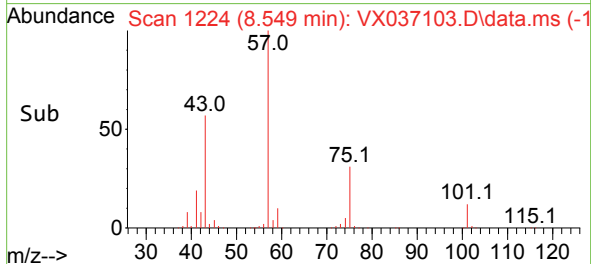
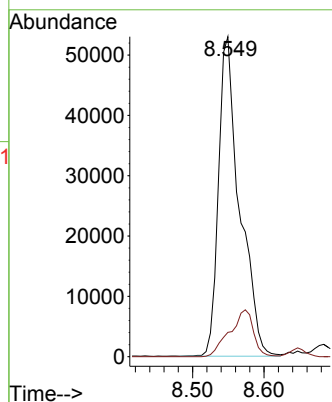
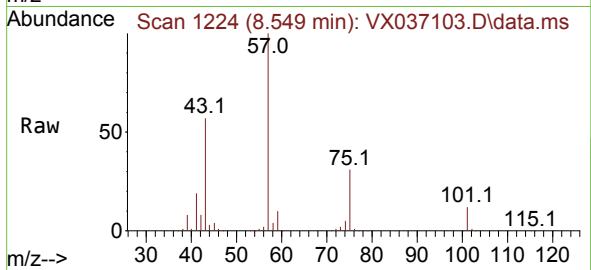




#51  
4-Methyl-2-Pentanone  
Concen: 59.162 ug/l  
RT: 8.549 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

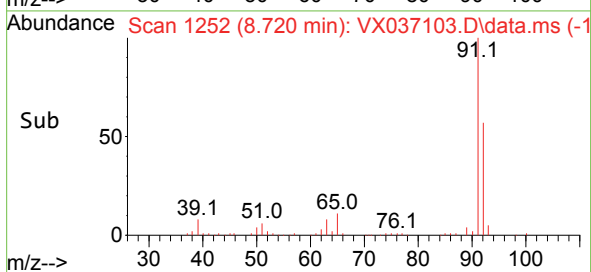
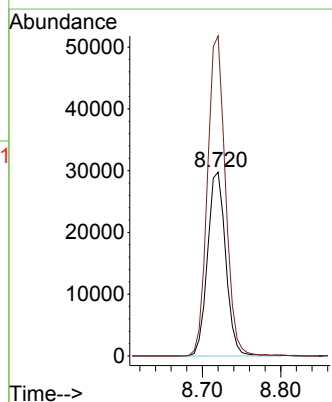
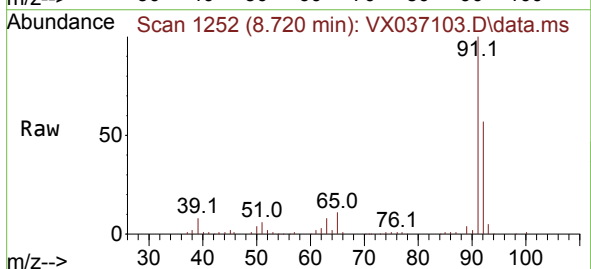
Instrument :  
MSVOA\_X  
ClientSampleId :

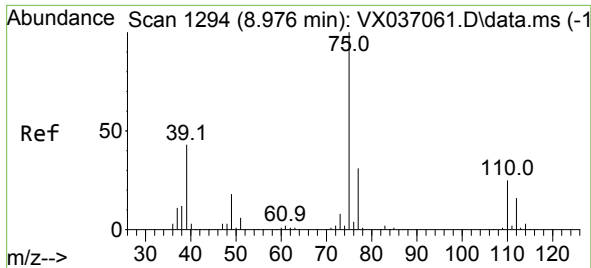
Tgt Ion: 43 Resp: 108557  
Ion Ratio Lower Upper  
43 100  
58 0.0 30.4 45.6#



#52  
Toluene  
Concen: 13.550 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Tgt Ion: 92 Resp: 47841  
Ion Ratio Lower Upper  
92 100  
91 172.8 134.2 201.2

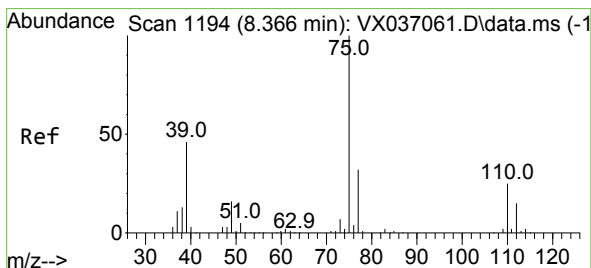
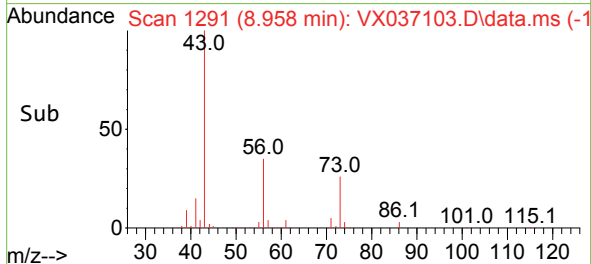
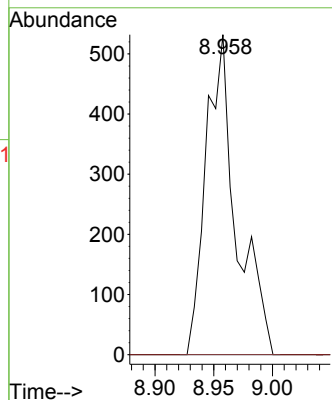
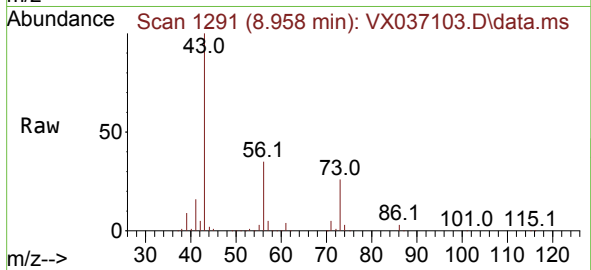




#53  
 t-1,3-Dichloropropene  
 Concen: 0.451 ug/l  
 RT: 8.958 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: VX037103.D  
 Acq: 19 Aug 2023 02:51

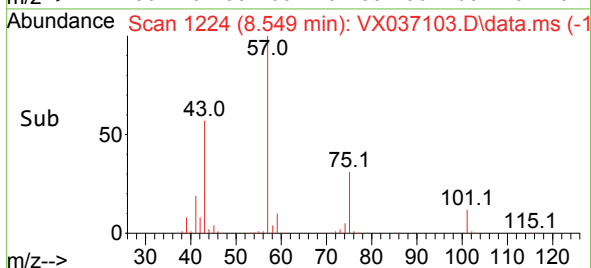
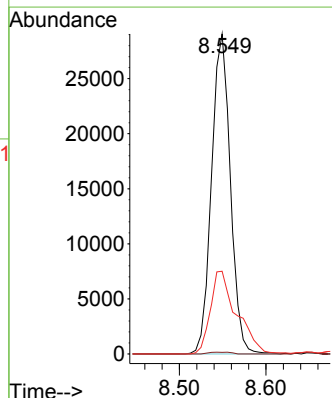
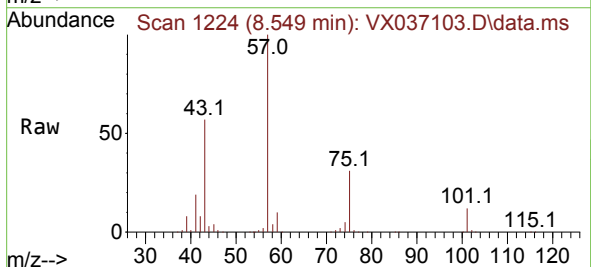
Instrument :  
 MSVOA\_X  
 ClientSampleId :

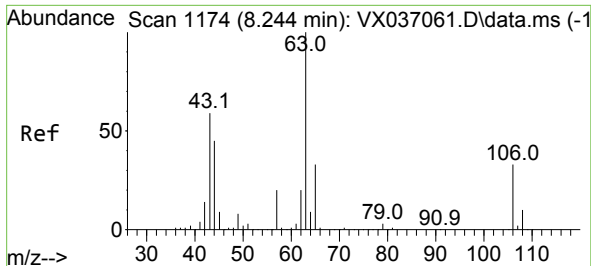
Tgt Ion: 75 Resp: 954  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.7 38.5#



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.166 ug/l  
 RT: 8.549 min Scan# 1224  
 Delta R.T. 0.183 min  
 Lab File: VX037103.D  
 Acq: 19 Aug 2023 02:51

Tgt Ion: 75 Resp: 43846  
 Ion Ratio Lower Upper  
 75 100  
 77 0.5 25.3 37.9#  
 39 25.9 46.7 70.1#

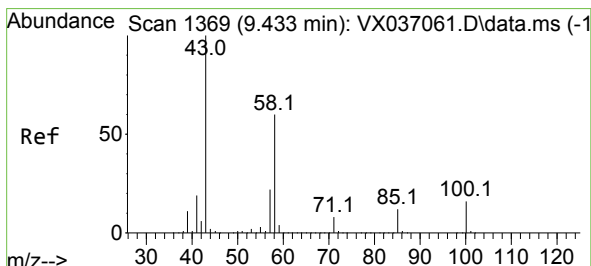
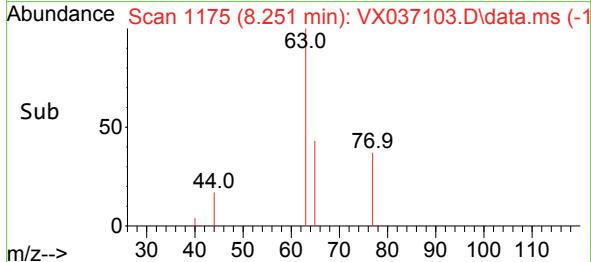
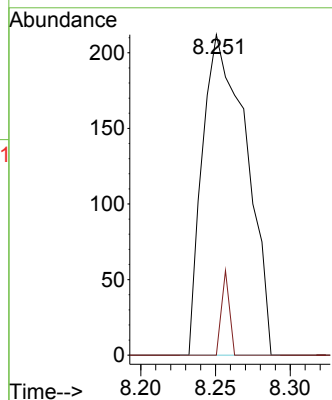
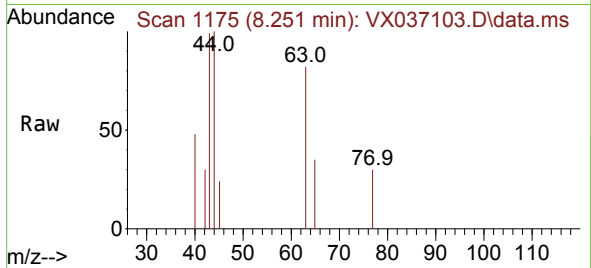




#58  
2-Chloroethyl Vinyl ether  
Concen: 0.400 ug/l  
RT: 8.251 min Scan# 1175  
Delta R.T. 0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

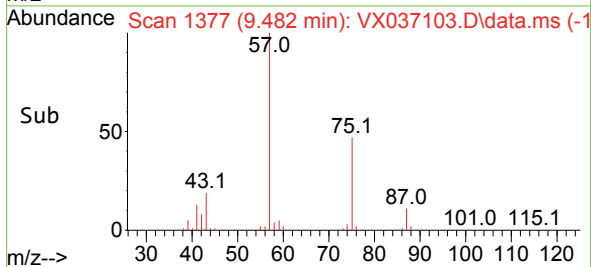
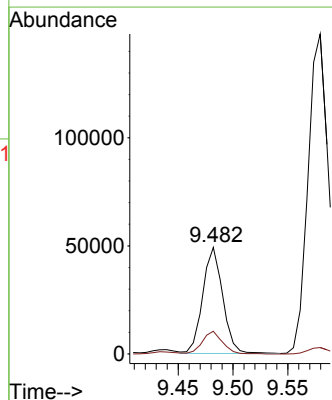
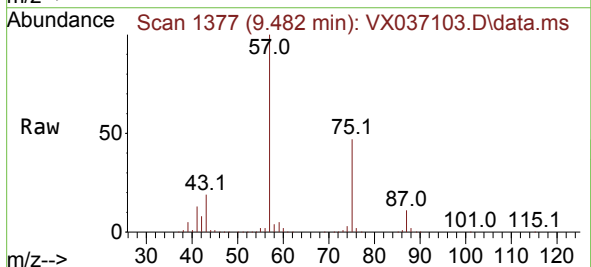
Instrument :  
MSVOA\_X  
ClientSampleId :

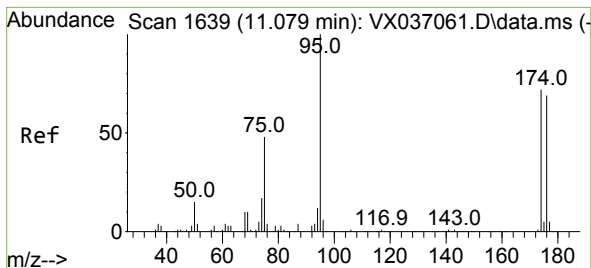
Tgt Ion: 63 Resp: 432  
Ion Ratio Lower Upper  
63 100  
106 4.6 22.5 33.7#



#59  
2-Hexanone  
Concen: 44.419 ug/l  
RT: 9.482 min Scan# 1377  
Delta R.T. 0.049 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Tgt Ion: 43 Resp: 62145  
Ion Ratio Lower Upper  
43 100  
58 21.6 26.2 78.5#

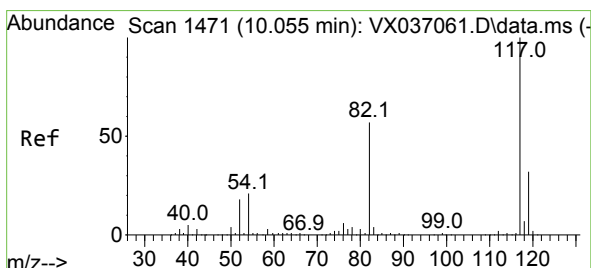
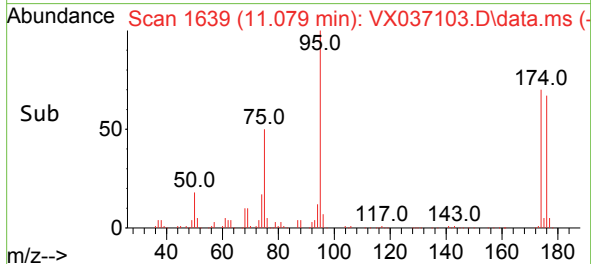
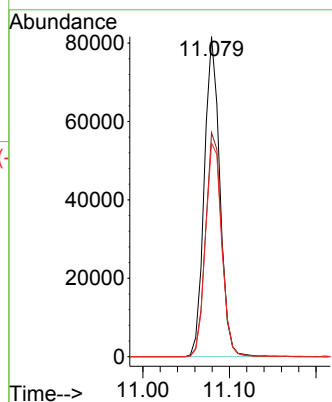
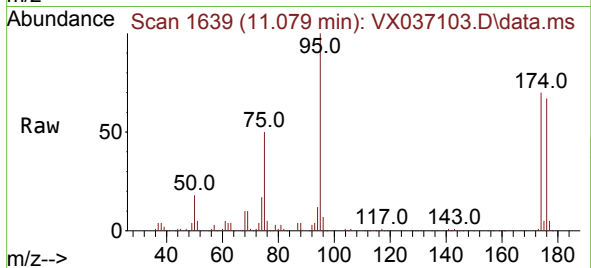




#62  
4-Bromofluorobenzene  
Concen: 54.328 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

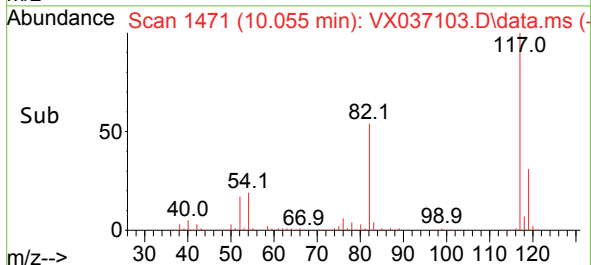
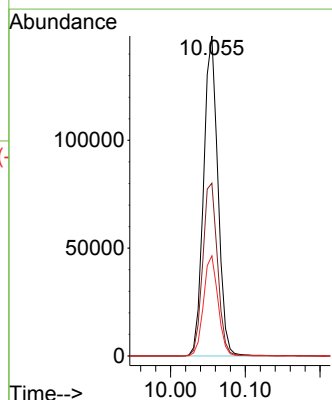
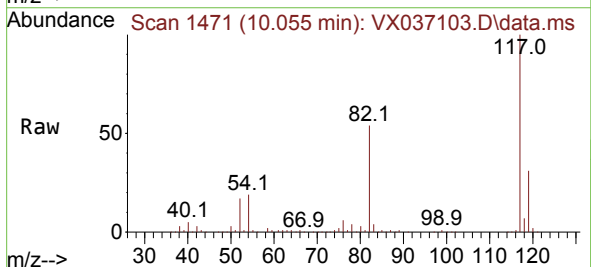
Instrument :  
MSVOA\_X  
ClientSampleId :

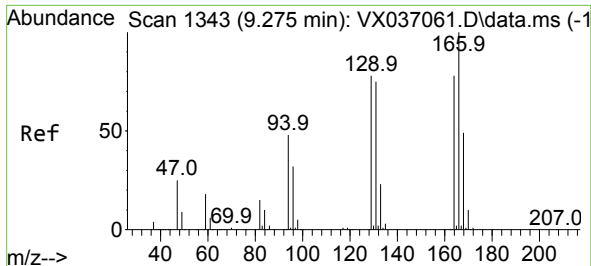
Tgt Ion: 95 Resp: 101569  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 135.6  
176 70.2 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

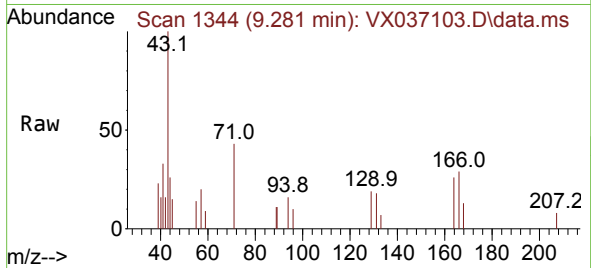
Tgt Ion: 117 Resp: 197098  
Ion Ratio Lower Upper  
117 100  
82 54.0 46.2 69.4  
119 31.3 25.5 38.3



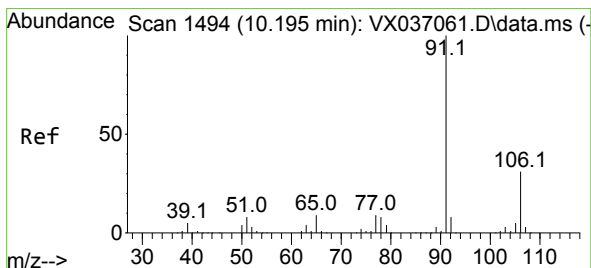
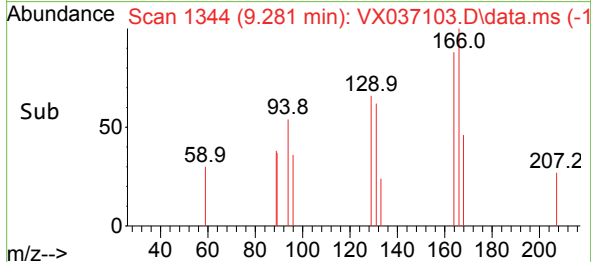
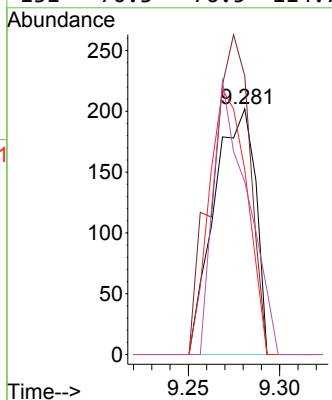


#64  
Tetrachloroethene  
Concen: 0.220 ug/l  
RT: 9.281 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Instrument :  
MSVOA\_X  
ClientSampleId :

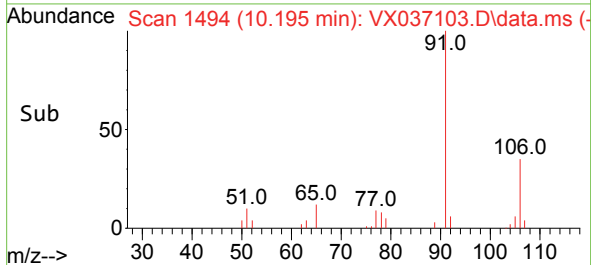
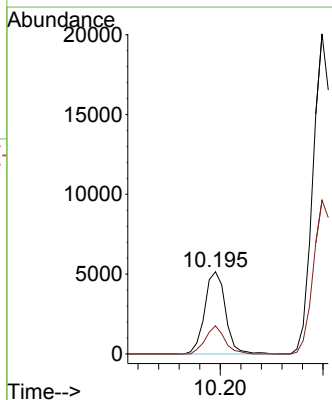
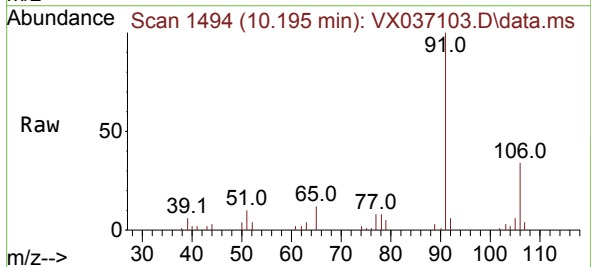


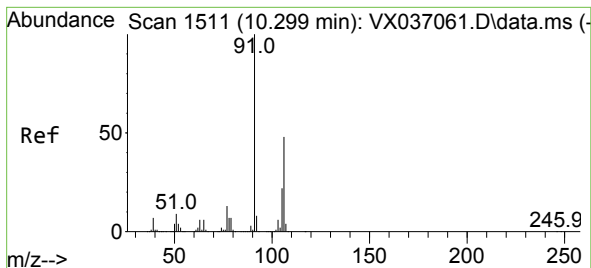
Tgt Ion:164 Resp: 317  
Ion Ratio Lower Upper  
164 100  
166 113.4 102.7 154.1  
129 75.2 80.4 120.6#  
131 70.3 76.5 114.7#



#67  
Ethyl Benzene  
Concen: 0.989 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Tgt Ion: 91 Resp: 7249  
Ion Ratio Lower Upper  
91 100  
106 34.2 24.9 37.3

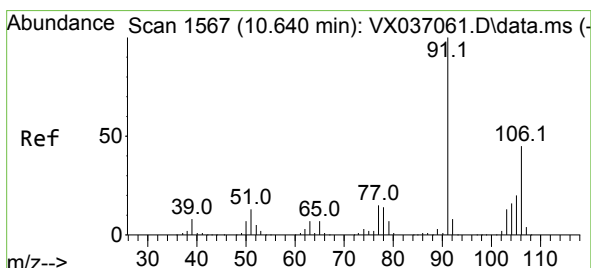
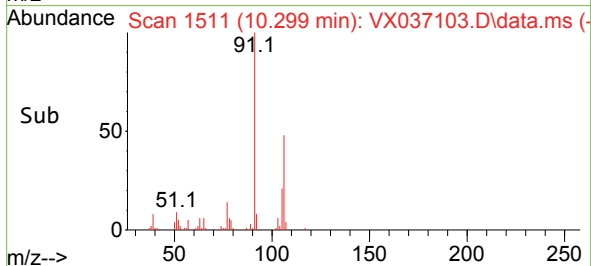
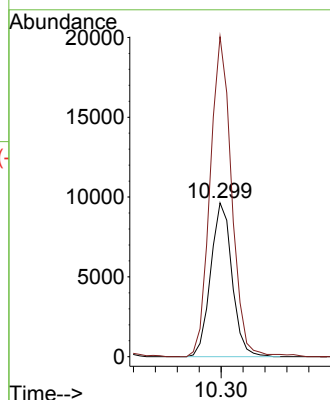
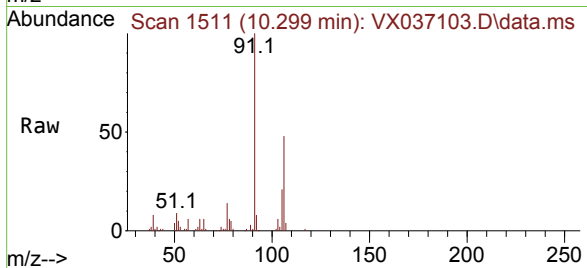




#68  
m/p-Xylenes  
Concen: 4.606 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

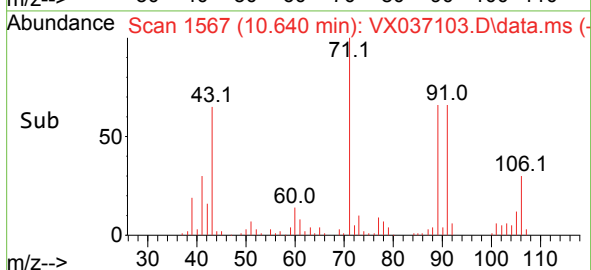
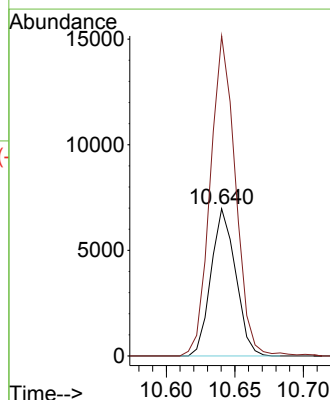
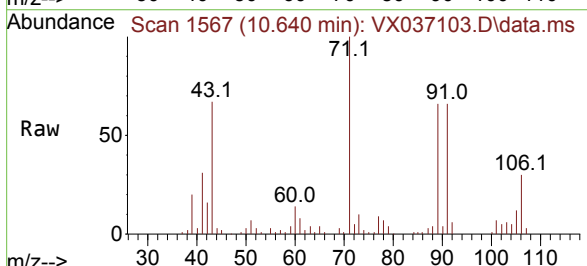
Instrument :  
MSVOA\_X  
ClientSampleId :

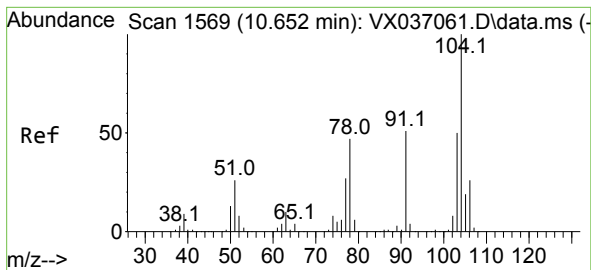
Tgt Ion:106 Resp: 13038  
Ion Ratio Lower Upper  
106 100  
91 209.6 165.5 248.3



#69  
o-Xylene  
Concen: 3.119 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Tgt Ion:106 Resp: 8710  
Ion Ratio Lower Upper  
106 100  
91 222.6 108.9 326.8





#70

Styrene

Concen: 1.871 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.007 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA\_X

ClientSampleId :

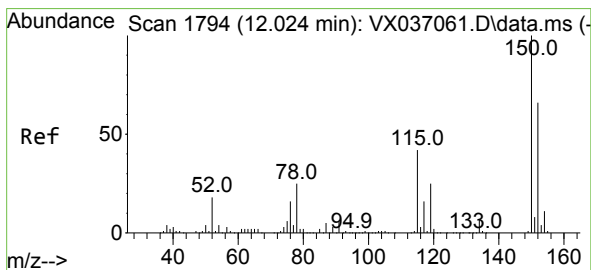
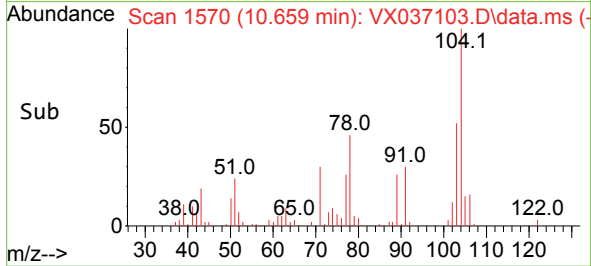
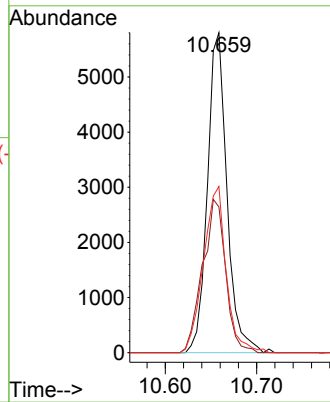
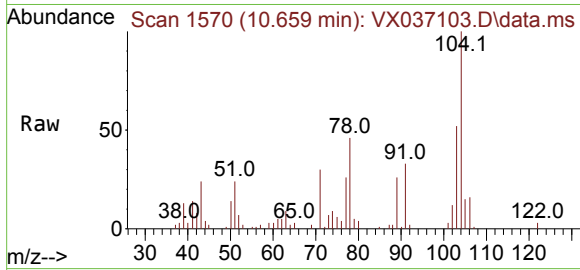
Tgt Ion:104 Resp: 8609

Ion Ratio Lower Upper

104 100

78 56.4 43.6 65.4

103 60.5 43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

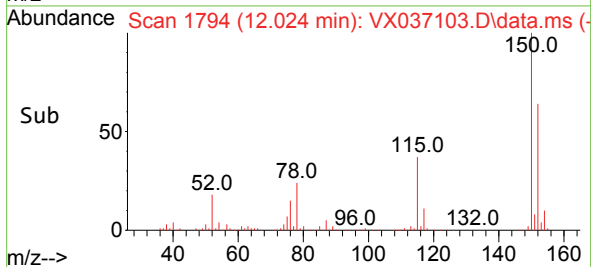
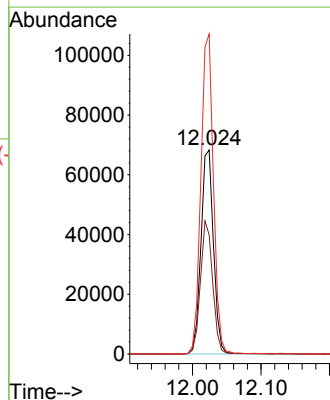
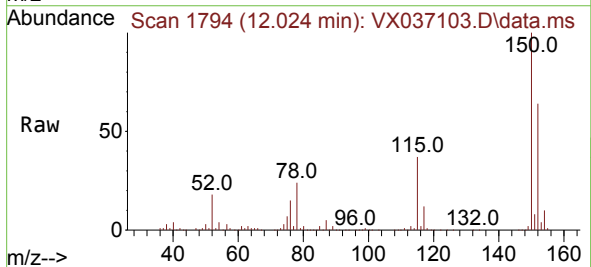
Tgt Ion:152 Resp: 86927

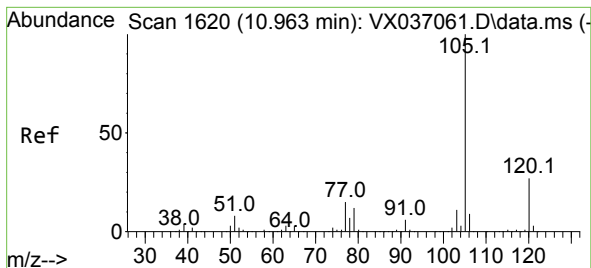
Ion Ratio Lower Upper

152 100

115 63.3 43.3 129.9

150 157.3 0.0 345.0





#73

Isopropylbenzene

Concen: 0.229 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA\_X

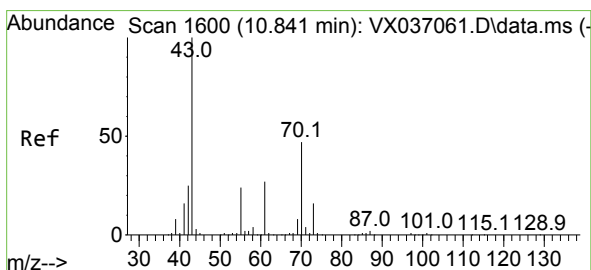
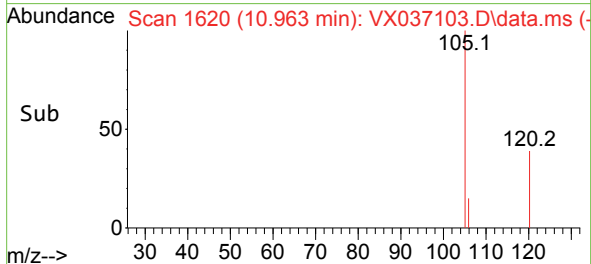
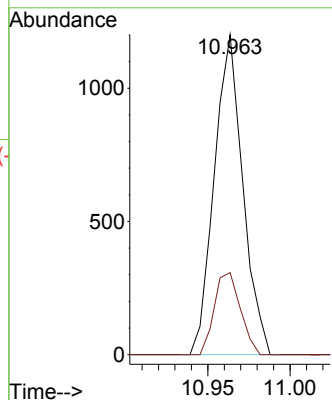
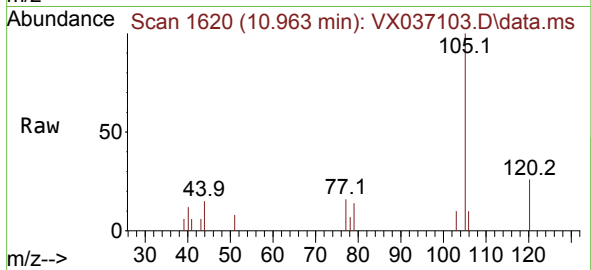
ClientSampleId :

Tgt Ion:105 Resp: 1450

Ion Ratio Lower Upper

105 100

120 23.4 12.9 38.6



#74

N-ethyl acetate

Concen: 0.372 ug/l

RT: 10.775 min Scan# 1589

Delta R.T. -0.067 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Tgt Ion: 43 Resp: 914

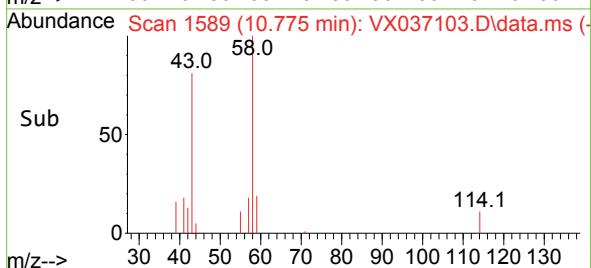
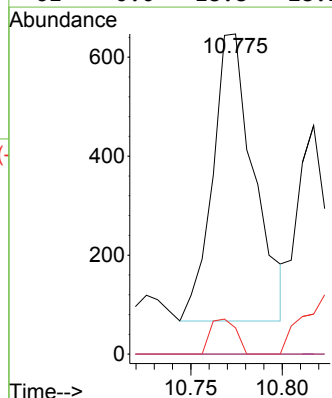
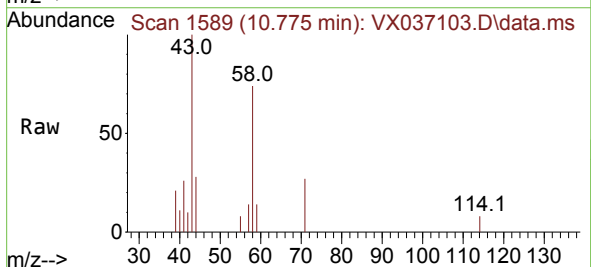
Ion Ratio Lower Upper

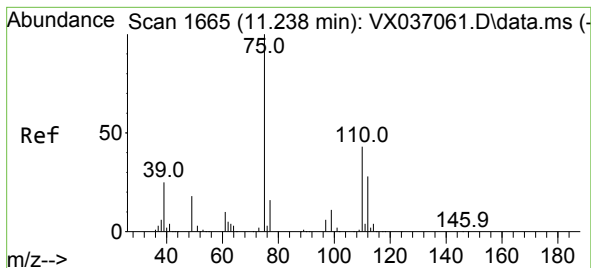
43 100

70 0.0 32.9 49.3#

55 7.7 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 28.411 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA\_X

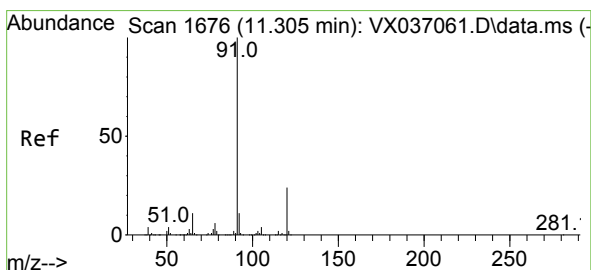
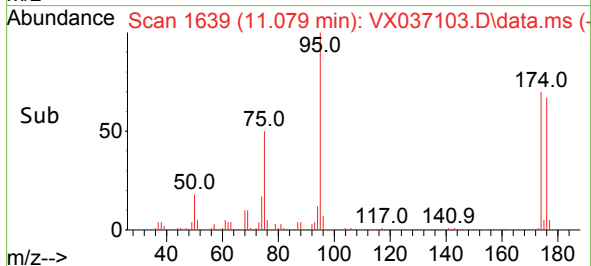
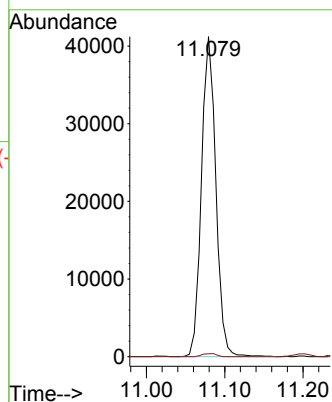
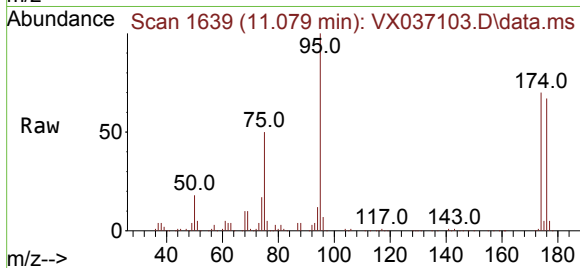
ClientSampleId :

Tgt Ion: 75 Resp: 52596

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#78

n-propylbenzene

Concen: 0.345 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037103.D

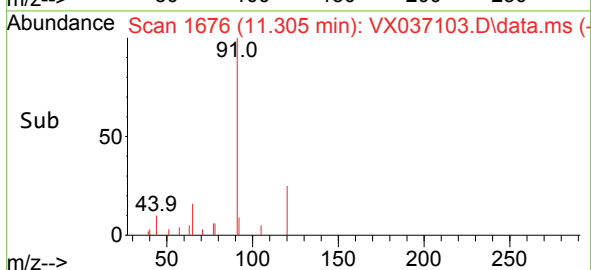
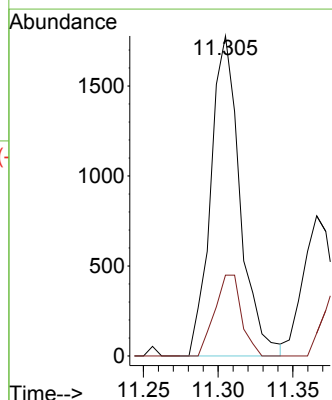
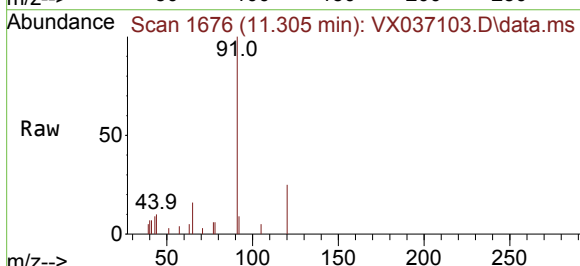
Acq: 19 Aug 2023 02:51

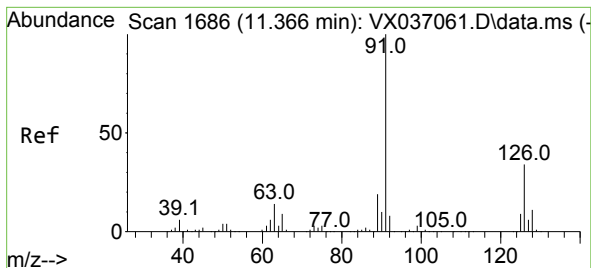
Tgt Ion: 91 Resp: 2428

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

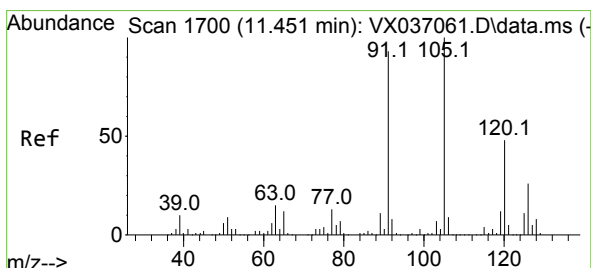
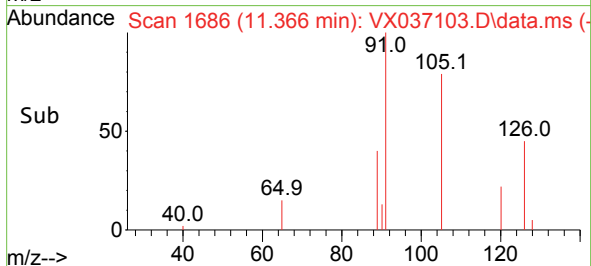
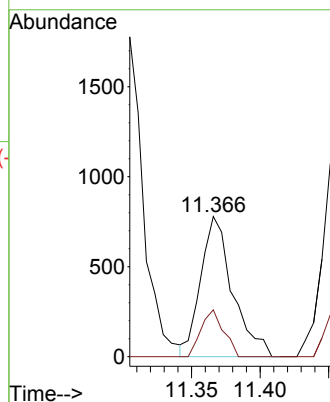
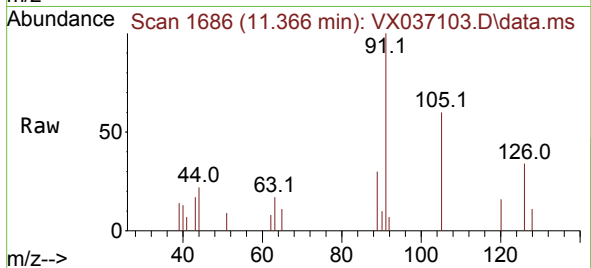




#79  
2-Chlorotoluene  
Concen: 0.280 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

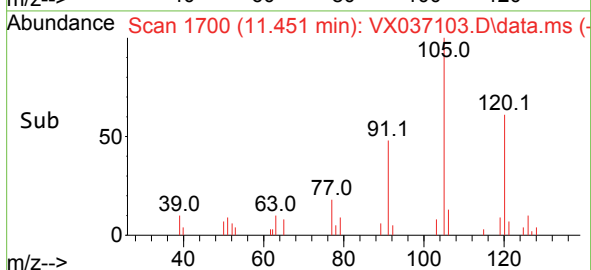
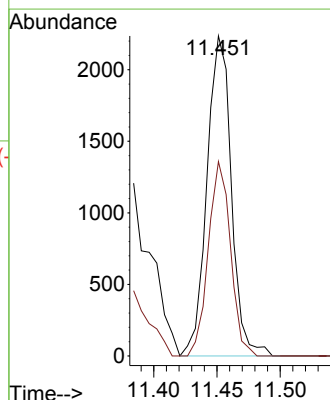
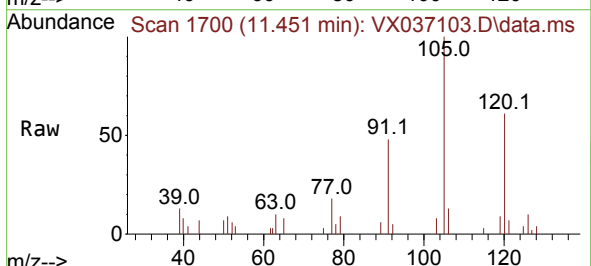
Instrument :  
MSVOA\_X  
ClientSampleId :

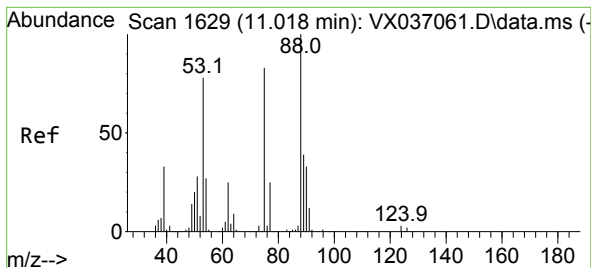
Tgt Ion: 91 Resp: 1261  
Ion Ratio Lower Upper  
91 100  
126 23.6 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 0.569 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Tgt Ion: 105 Resp: 3000  
Ion Ratio Lower Upper  
105 100  
120 55.3 24.1 72.3

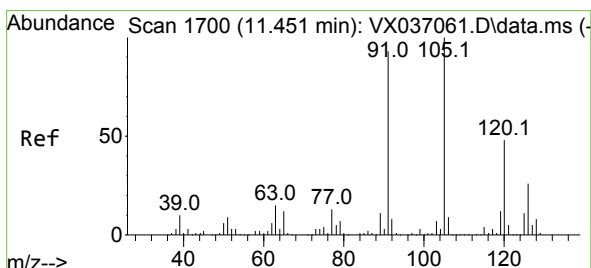
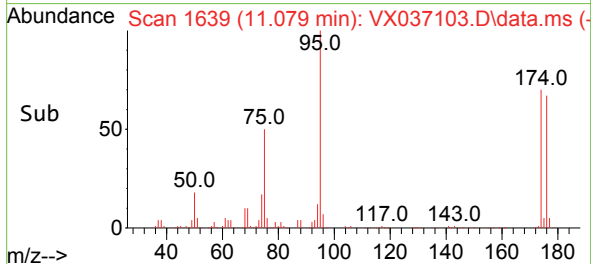
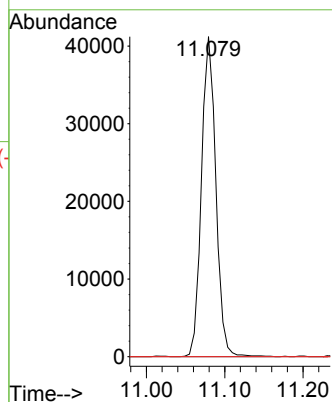
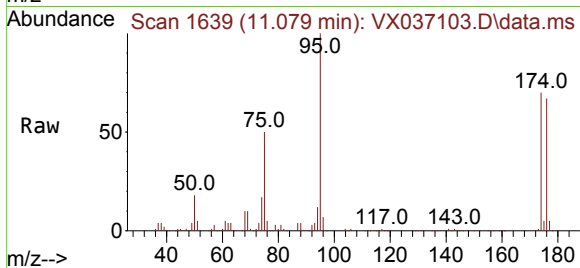




#81  
trans-1,4-Dichloro-2-butene  
Concen: 79.353 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

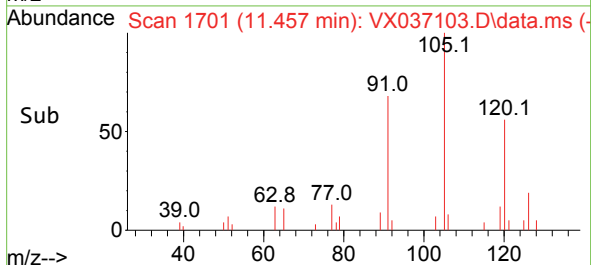
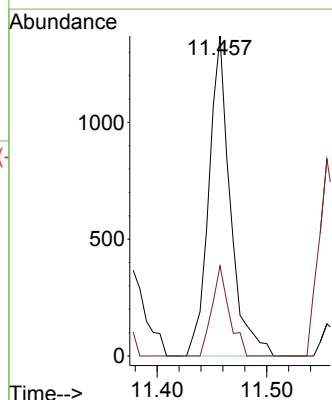
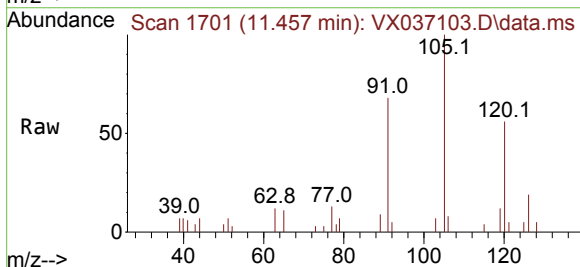
Instrument :  
MSVOA\_X  
ClientSampleId :

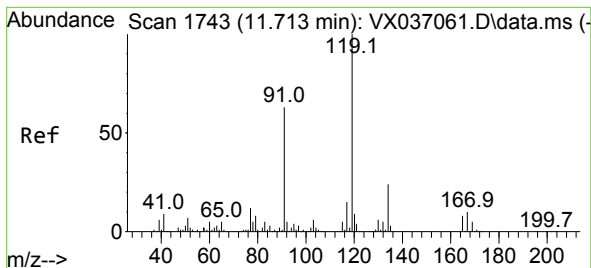
Tgt Ion: 75 Resp: 52596  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#



#82  
4-Chlorotoluene  
Concen: 0.360 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Tgt Ion: 91 Resp: 1868  
Ion Ratio Lower Upper  
91 100  
126 22.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.201 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037103.D

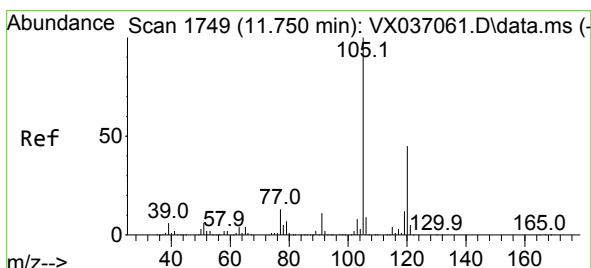
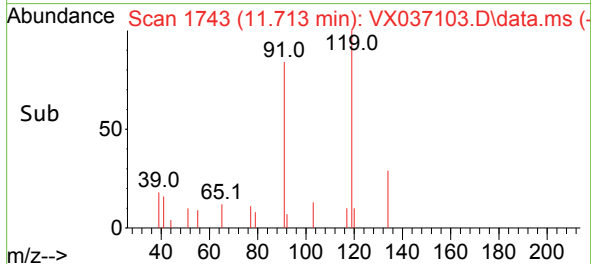
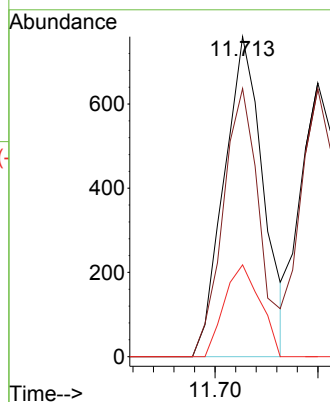
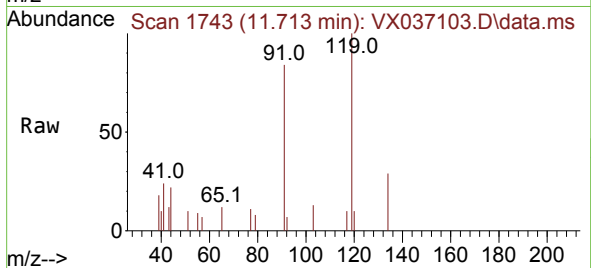
Acq: 19 Aug 2023 02:51

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 1008  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 78.2  | 31.2  | 93.6  |
| 134      | 26.2  | 11.7  | 35.0  |



#84

1,2,4-Trimethylbenzene

Concen: 2.122 ug/l

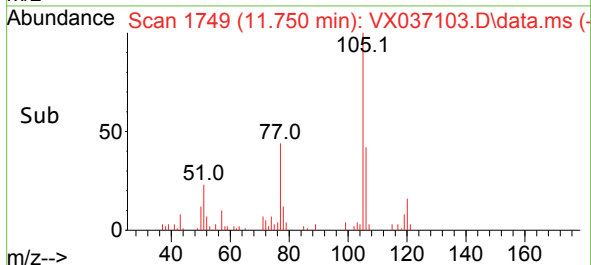
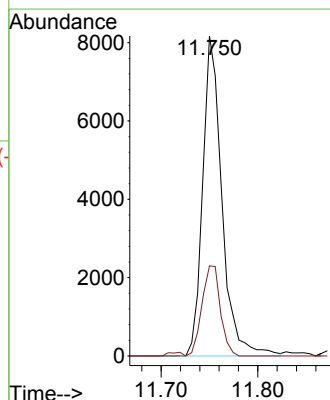
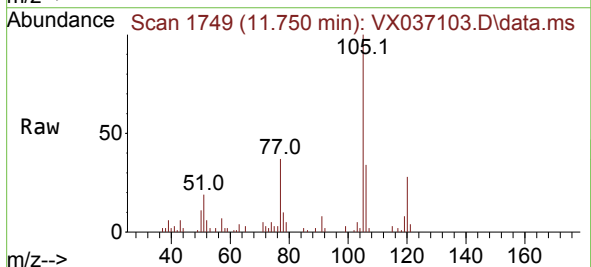
RT: 11.750 min Scan# 1749

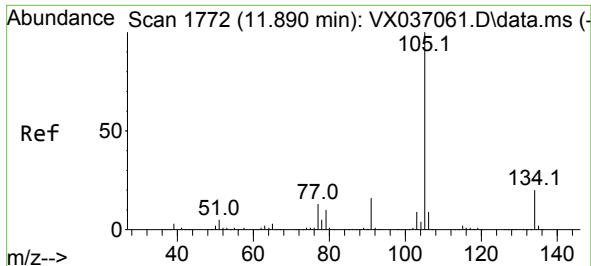
Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 11304 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 26.9  | 21.2  | 63.6  |

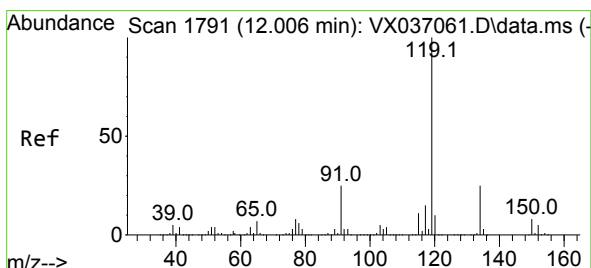
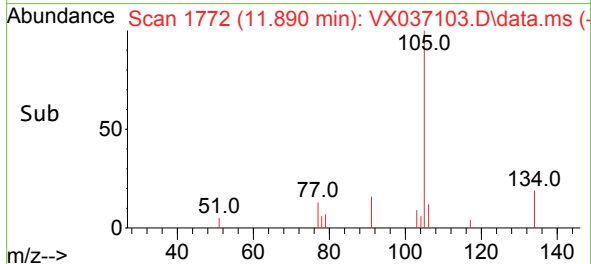
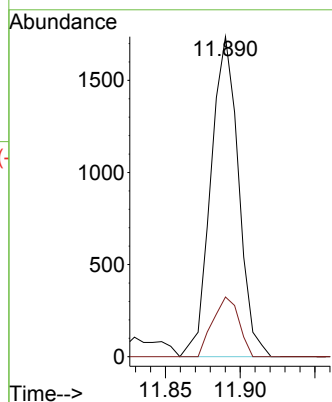
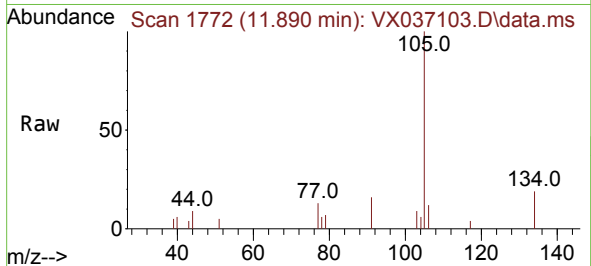




#85  
 sec-Butylbenzene  
 Concen: 0.381 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX037103.D  
 Acq: 19 Aug 2023 02:51

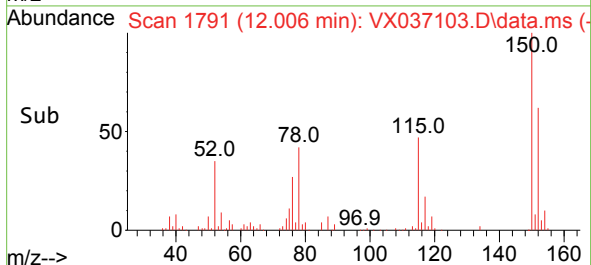
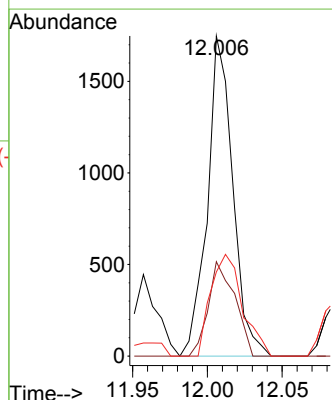
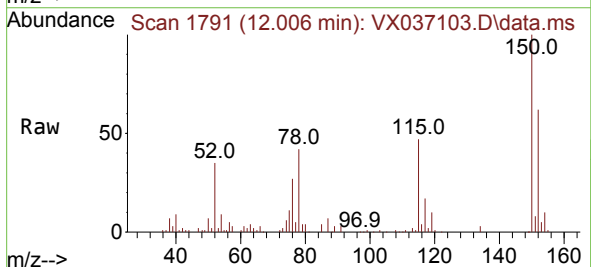
Instrument :  
 MSVOA\_X  
 ClientSampleId :

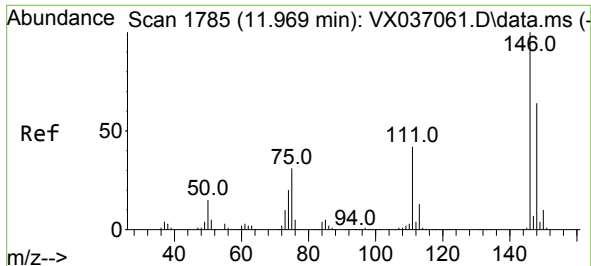
Tgt Ion:105 Resp: 2235  
 Ion Ratio Lower Upper  
 105 100  
 134 17.6 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 0.409 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX037103.D  
 Acq: 19 Aug 2023 02:51

Tgt Ion:119 Resp: 2065  
 Ion Ratio Lower Upper  
 119 100  
 134 30.9 12.8 38.3  
 91 39.7 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.366 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA\_X

ClientSampleId :

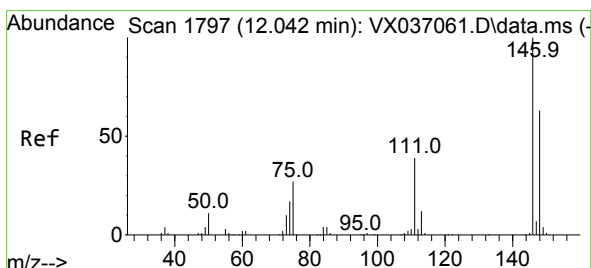
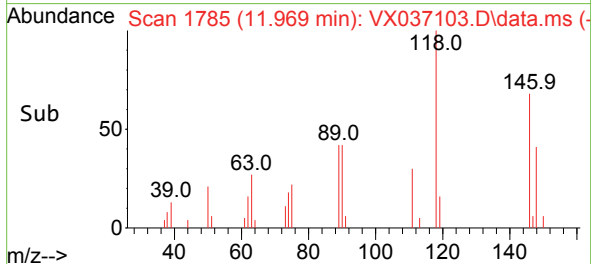
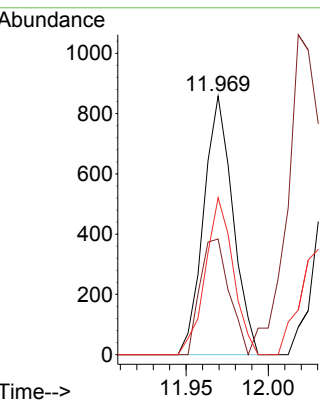
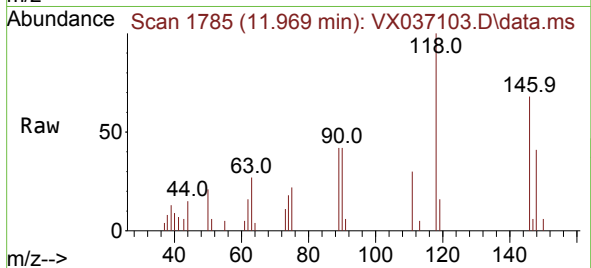
Tgt Ion:146 Resp: 1058

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.1

148 58.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.354 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

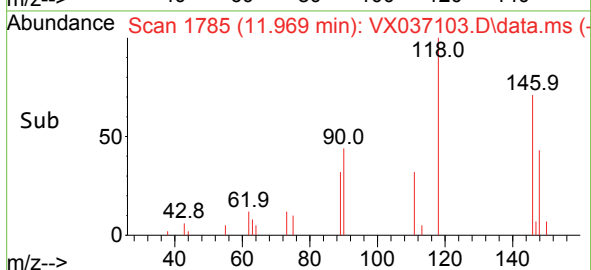
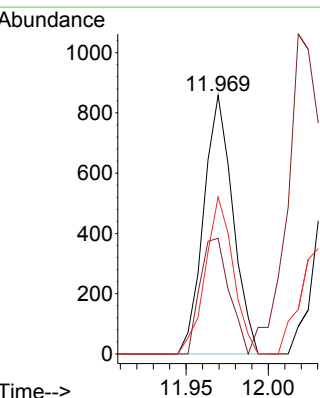
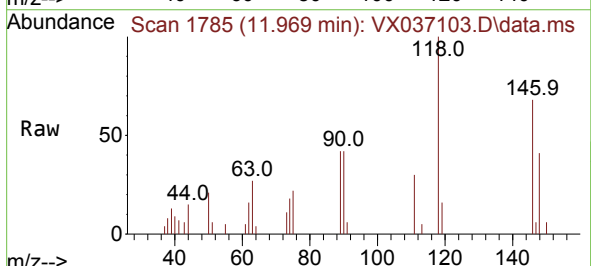
Tgt Ion:146 Resp: 1058

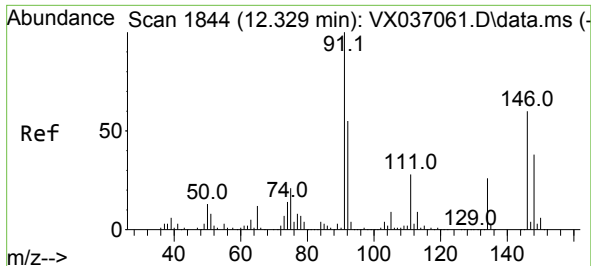
Ion Ratio Lower Upper

146 100

111 44.6 21.3 63.7

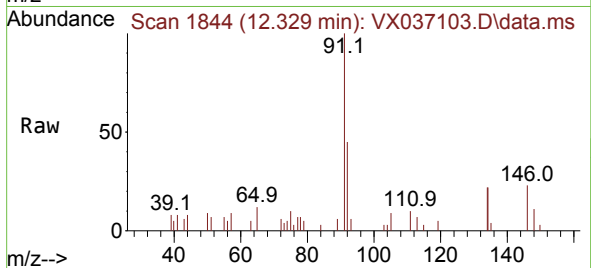
148 58.0 31.8 95.4



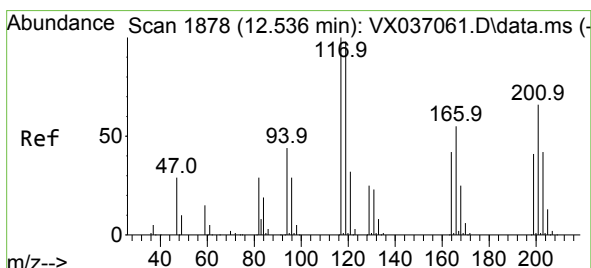
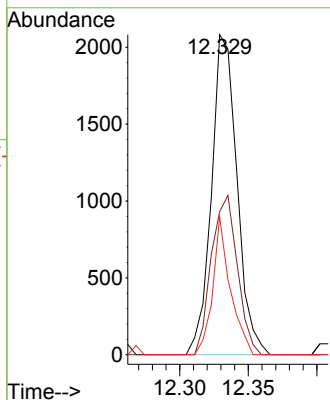
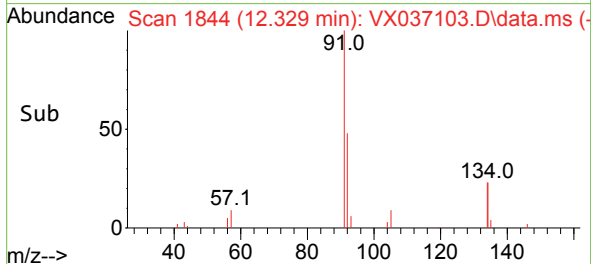


#89  
n-Butylbenzene  
Concen: 0.645 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

Instrument :  
MSVOA\_X  
ClientSampleId :

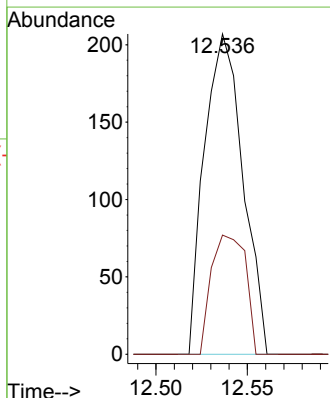
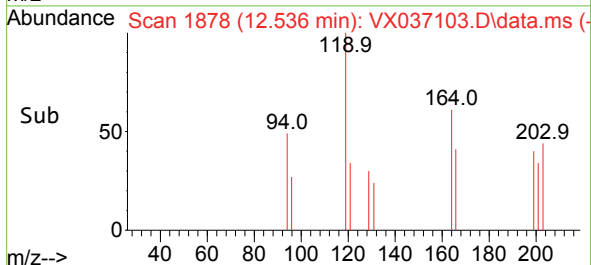
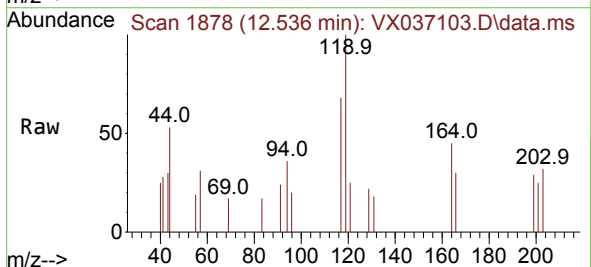


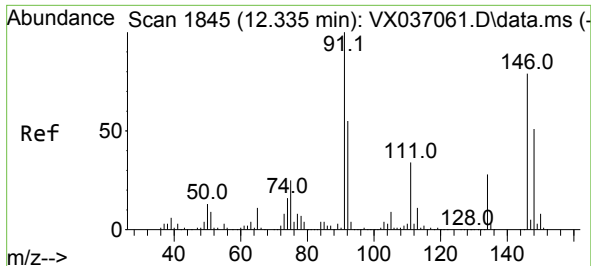
Tgt Ion: 91 Resp: 2702  
Ion Ratio Lower Upper  
91 100  
92 50.4 27.4 82.0  
134 29.6 12.6 37.8



#90  
Hexachloroethane  
Concen: 0.360 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

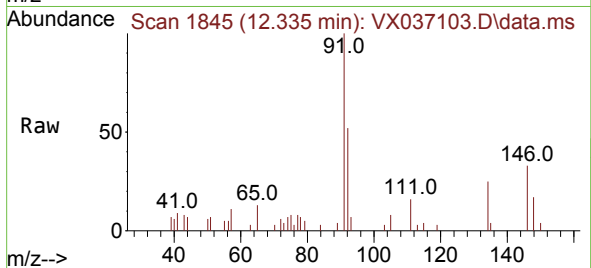
Tgt Ion: 117 Resp: 304  
Ion Ratio Lower Upper  
117 100  
201 32.9 32.9 98.6



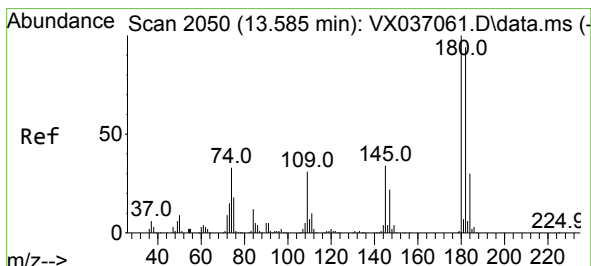
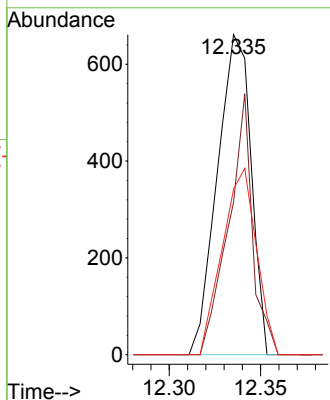
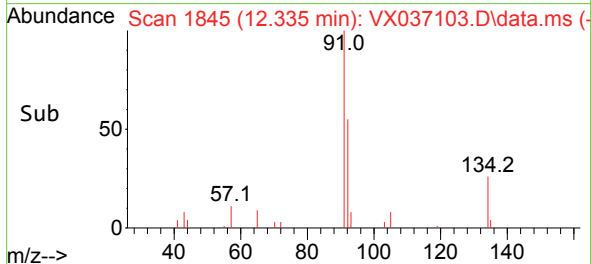


#91  
1,2-Dichlorobenzene  
Concen: 0.299 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

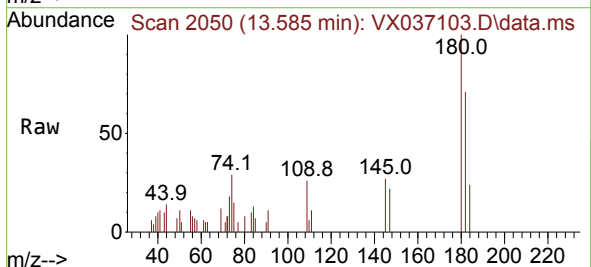
Instrument :  
MSVOA\_X  
ClientSampleId :



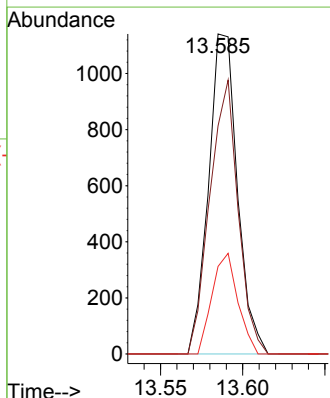
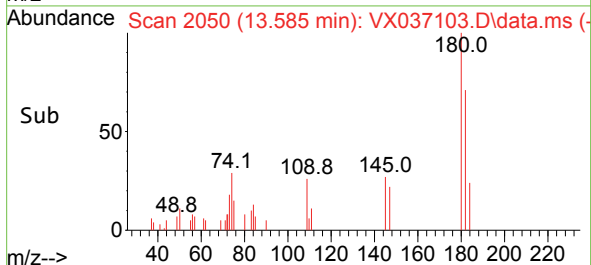
Tgt Ion:146 Resp: 847  
Ion Ratio Lower Upper  
146 100  
111 58.0 22.4 67.0  
148 59.1 31.6 95.0

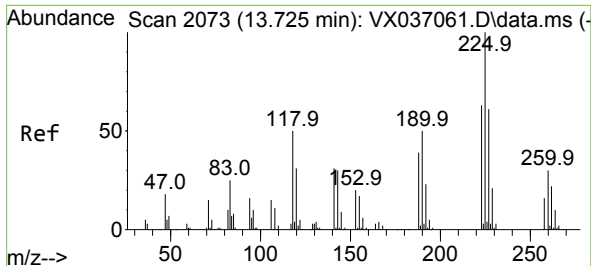


#93  
1,2,4-Trichlorobenzene  
Concen: 0.842 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51



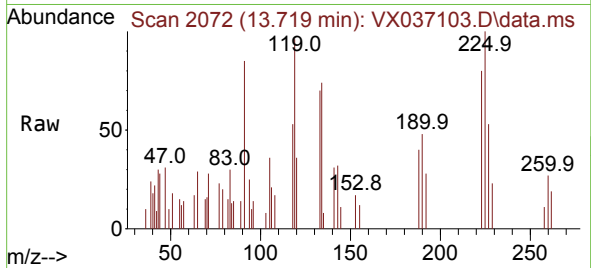
Tgt Ion:180 Resp: 1393  
Ion Ratio Lower Upper  
180 100  
182 83.6 48.3 144.8  
145 28.0 18.0 54.0



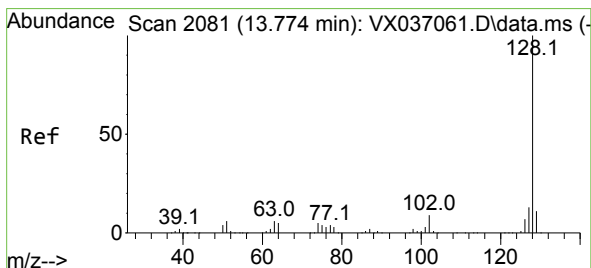
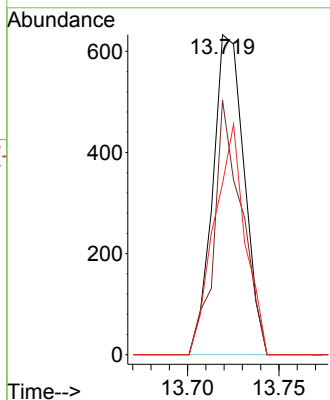
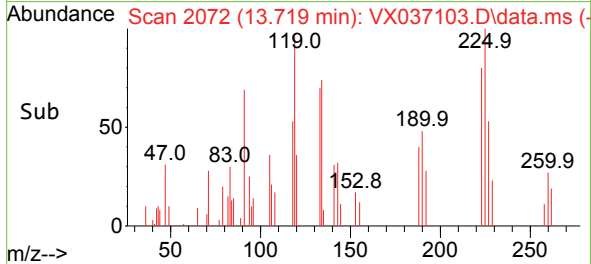


#94  
Hexachlorobutadiene  
Concen: 1.185 ug/l  
RT: 13.719 min Scan# 2072  
Delta R.T. -0.006 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51

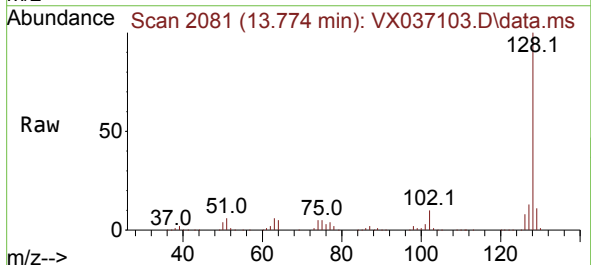
Instrument :  
MSVOA\_X  
ClientSampleId :



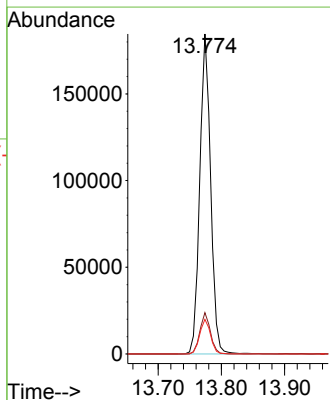
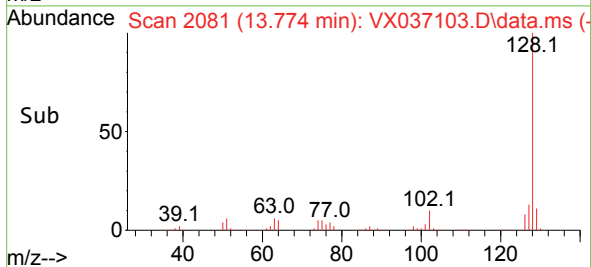
Tgt Ion:225 Resp: 758  
Ion Ratio Lower Upper  
225 100  
223 69.5 31.1 93.2  
227 70.7 32.5 97.5

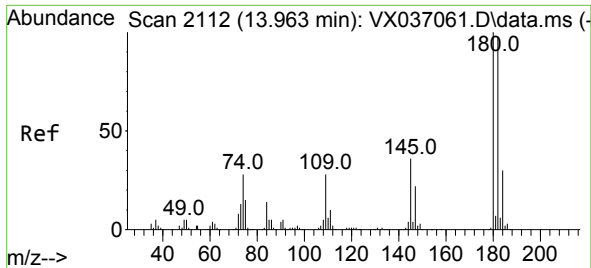


#95  
Naphthalene  
Concen: 30.434 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX037103.D  
Acq: 19 Aug 2023 02:51



Tgt Ion:128 Resp: 220672  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.3 15.5  
129 10.8 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.817 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

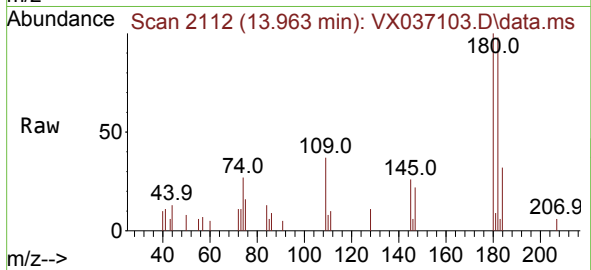
Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion:180 Resp: 1343

Ion Ratio Lower Upper

180 100

182 96.6 46.9 140.6

145 35.7 17.8 53.5

