

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083023\  
 Data File : VX037394.D  
 Acq On : 30 Aug 2023 17:19  
 Operator : JC/MD  
 Sample : 04229-04MS  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-01-9.5-082923MS

Quant Time: Aug 31 02:26:01 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  | 90206                | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 179811               | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 176133               | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 89617                | 50.000  | ug/l   | 0.00     |
|                              |                |      |                      |         |        |          |
| System Monitoring Compounds  |                |      |                      |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 85069                | 65.413  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 130.820%# |         |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 70171                | 58.925  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 117.860%  |         |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 231705               | 53.640  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 107.280%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 98020                | 57.742  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 115.480%  |         |        |          |
|                              |                |      |                      |         |        |          |
| Target Compounds             |                |      |                      |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 49668                | 47.400  | ug/l   | 100      |
| 3) Chloromethane             | 1.300          | 50   | 62919                | 68.635  | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374          | 62   | 62409                | 62.544  | ug/l   | 100      |
| 5) Bromomethane              | 1.593          | 94   | 24070                | 48.427  | ug/l   | 98       |
| 6) Chloroethane              | 1.666          | 64   | 36329                | 61.869  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.873          | 101  | 79075                | 48.377  | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136          | 74   | 43290                | 68.455  | ug/l   | 74       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 54871                | 57.544  | ug/l   | 97       |
| 10) Methyl Iodide            | 2.447          | 142  | 58973                | 50.885  | ug/l   | 95       |
| 11) Tert butyl alcohol       | 2.983          | 59   | 100610               | 329.801 | ug/l # | 92       |
| 12) 1,1-Dichloroethene       | 2.312          | 96   | 49068                | 52.842  | ug/l   | 83       |
| 13) Acrolein                 | 2.239          | 56   | 61962                | 266.992 | ug/l   | 97       |
| 14) Allyl chloride           | 2.660          | 41   | 84490                | 58.785  | ug/l # | 90       |
| 15) Acrylonitrile            | 3.068          | 53   | 205742               | 377.856 | ug/l   | 99       |
| 16) Acetone                  | 2.386          | 43   | 174204               | 342.409 | ug/l # | 89       |
| 17) Carbon Disulfide         | 2.501          | 76   | 108597               | 45.977  | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703          | 43   | 128088               | 66.866  | ug/l # | 87       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 233536               | 66.312  | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788          | 84   | 73385                | 64.500  | ug/l # | 85       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 58249                | 55.182  | ug/l   | 87       |
| 22) Diisopropyl ether        | 3.763          | 45   | 187884               | 63.704  | ug/l # | 83       |
| 23) Vinyl Acetate            | 3.721          | 43   | 701832               | 310.529 | ug/l # | 90       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 113817               | 61.539  | ug/l   | 98       |
| 25) 2-Butanone               | 4.562          | 43   | 272382               | 355.571 | ug/l # | 85       |
| 26) 2,2-Dichloropropane      | 4.471          | 77   | 71899                | 43.529  | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 95187                | 76.491  | ug/l   | 84       |
| 28) Bromochloromethane       | 4.897          | 49   | 49723                | 60.182  | ug/l # | 71       |
| 29) Tetrahydrofuran          | 5.007          | 42   | 174635               | 357.472 | ug/l # | 82       |
| 30) Chloroform               | 5.092          | 83   | 129286               | 62.271  | ug/l   | 95       |
| 31) Cyclohexane              | 5.470          | 56   | 65937                | 45.092  | ug/l # | 87       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 101338               | 54.468  | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 73492                | 43.438  | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.721          | 43   | 97503                | 56.417  | ug/l # | 92       |
| 38) Carbon Tetrachloride     | 5.672          | 117  | 80849                | 43.991  | ug/l   | 94       |
| 39) Methylcyclohexane        | 7.379          | 83   | 73138                | 41.145  | ug/l   | 91       |
| 40) Benzene                  | 6.037          | 78   | 263829               | 54.372  | ug/l   | 99       |

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 Sample : 04229-04MS  
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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-01-9.5-082923MS

Quant Time: Aug 31 02:26:01 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   | 55070    | 61.295   | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 104795   | 55.073   | ug/l   | 94       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 155245   | 56.580   | ug/l # | 90       |
| 44) Trichloroethene           | 7.123  | 130  | 66478    | 48.316   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 68471    | 57.230   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 55109    | 58.470   | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.824  | 83   | 100557   | 55.701   | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 78871    | 58.943   | ug/l # | 82       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 46507    | 1290.521 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 537342   | 322.511  | ug/l   | 88       |
| 52) Toluene                   | 8.720  | 92   | 169422   | 52.845   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 104223   | 54.221   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 110812   | 53.347   | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 81822    | 62.676   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 126311   | 61.771   | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 134083   | 60.927   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.366  | 63   | 544      | 0.554    | ug/l # | 47       |
| 59) 2-Hexanone                | 9.433  | 43   | 423452   | 333.328  | ug/l   | 87       |
| 60) Dibromochloromethane      | 9.518  | 129  | 83019    | 59.729   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 86620    | 60.602   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 47956    | 37.322   | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 191900   | 51.550   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 74939    | 54.543   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 315871   | 48.221   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 249130   | 98.486   | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 129916   | 52.055   | ug/l   | 97       |
| 70) Styrene                   | 10.659 | 104  | 221902   | 53.976   | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 62328    | 60.647   | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 306304   | 47.024   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 135856   | 53.676   | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 136599   | 62.269   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 145422   | 76.195   | ug/l   | 91       |
| 77) Bromobenzene              | 11.201 | 156  | 86216    | 54.195   | ug/l   | 91       |
| 78) n-propylbenzene           | 11.305 | 91   | 338646   | 46.689   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 232733   | 50.211   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 269231   | 49.549   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 35713    | 52.264   | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 261558   | 48.885   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 271510   | 52.394   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 279574   | 50.910   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 297236   | 49.107   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 257449   | 49.409   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 150815   | 50.636   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 154867   | 50.328   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 197454   | 45.707   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 45049    | 51.799   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 161199   | 55.271   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 31684    | 62.160   | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 86883    | 50.913   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 28716    | 43.558   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 370329   | 49.541   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 93420    | 55.101   | ug/l   | 99       |

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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

Quant Time: Aug 31 02:26:01 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

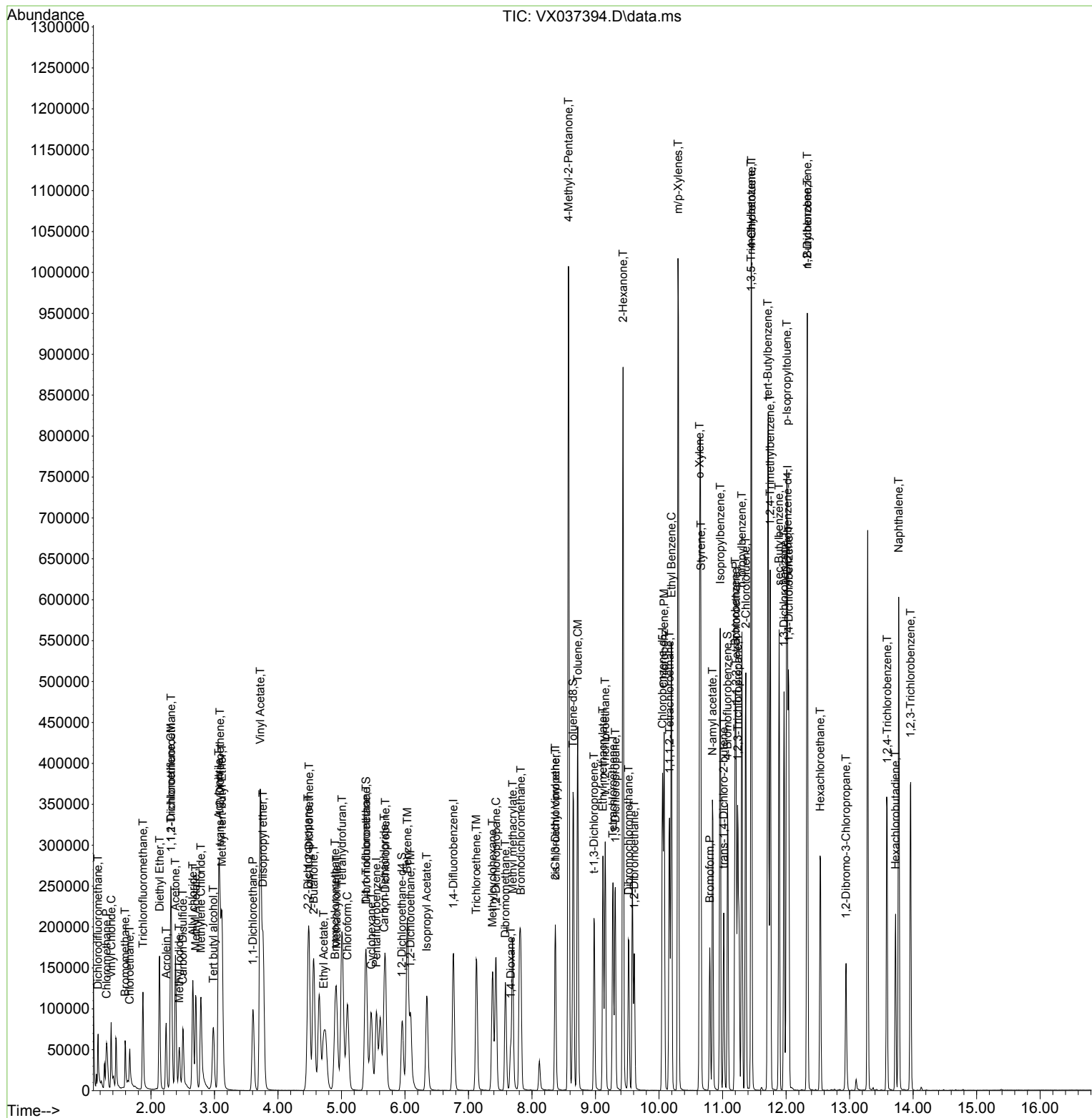
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

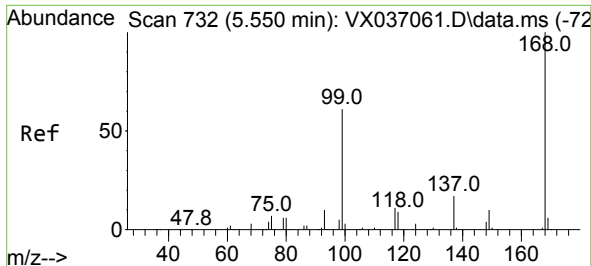
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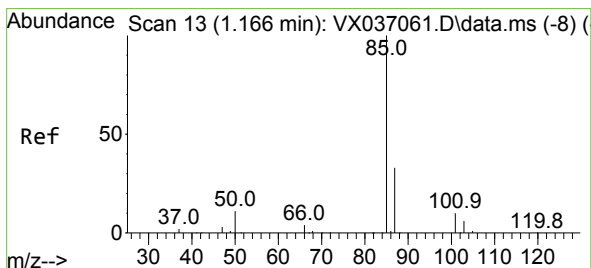
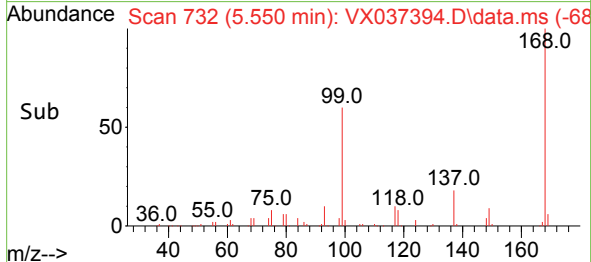
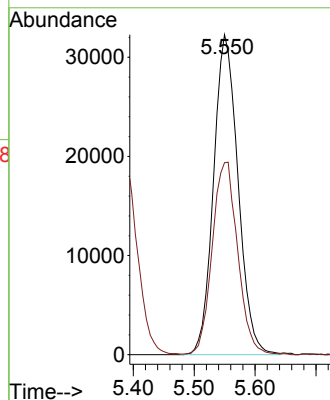
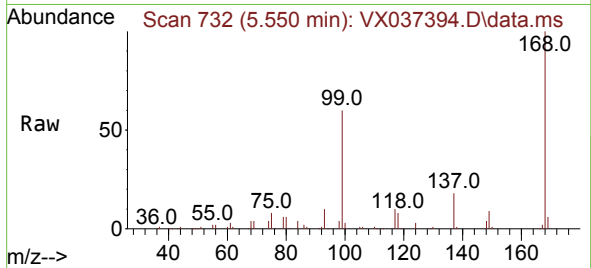




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

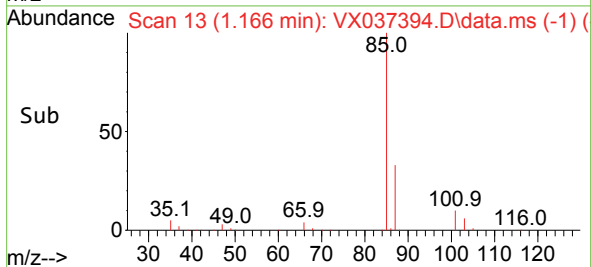
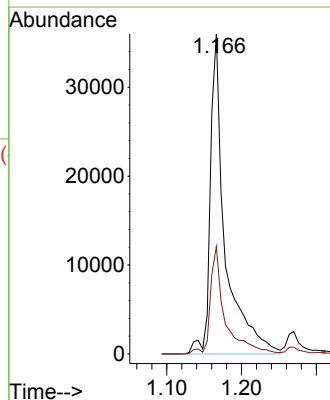
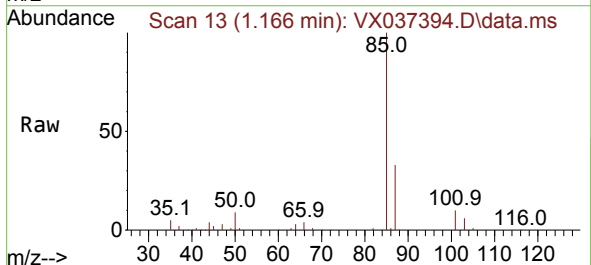
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

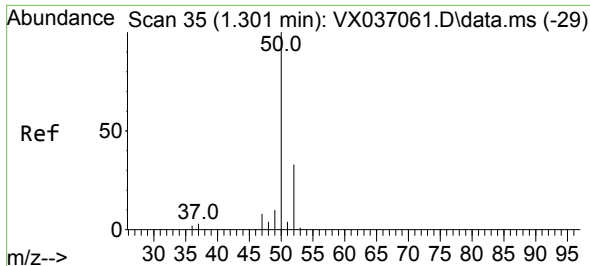
Tgt Ion:168 Resp: 90206  
Ion Ratio Lower Upper  
168 100  
99 59.8 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 47.400 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 85 Resp: 49668  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.7 50.1

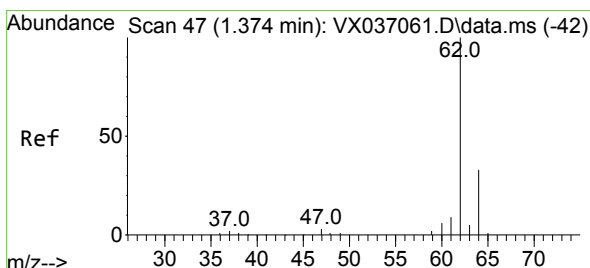
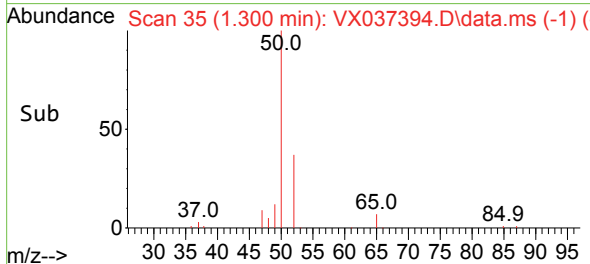
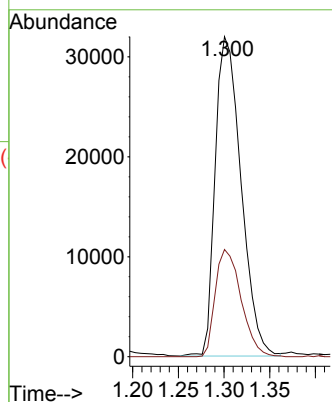
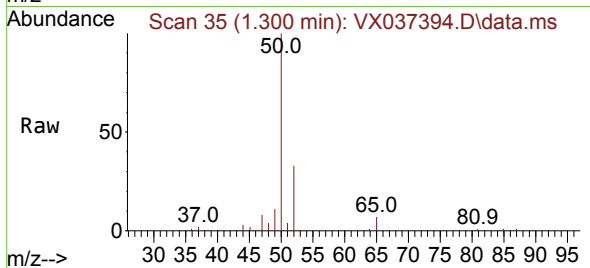




#3  
Chloromethane  
Concen: 68.635 ug/l  
RT: 1.300 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

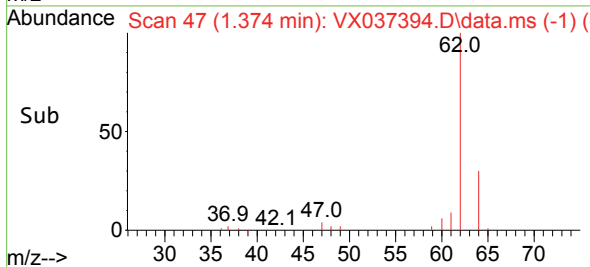
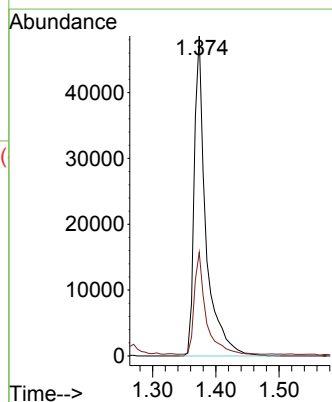
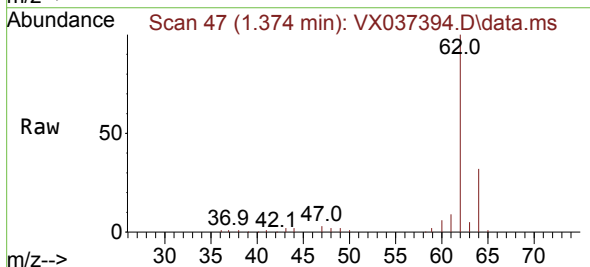
Instrument :  
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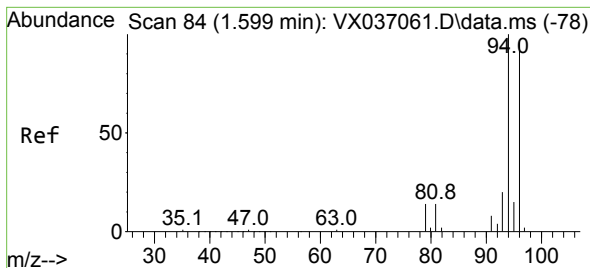
Tgt Ion: 50 Resp: 62919  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.5 38.3



#4  
Vinyl Chloride  
Concen: 62.544 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 62 Resp: 62409  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.4 38.0





#5

Bromomethane

Concen: 48.427 ug/l

RT: 1.593 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

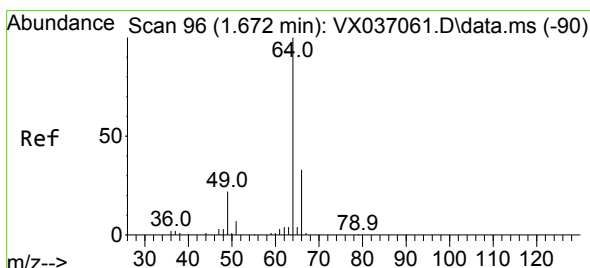
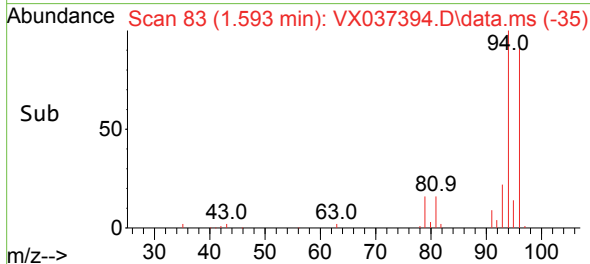
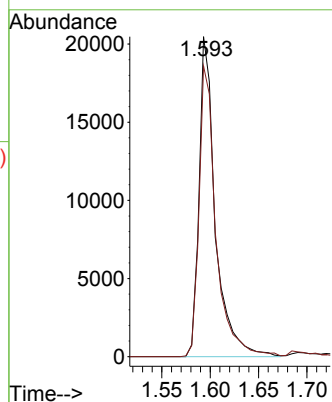
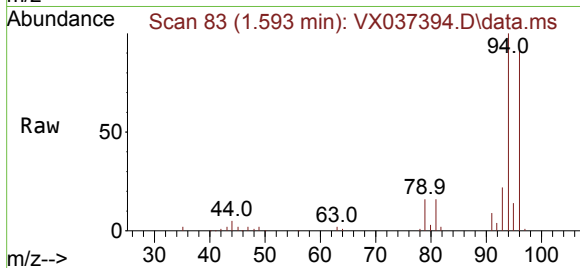
MW-01-9.5-082923MS

Tgt Ion: 94 Resp: 24070

Ion Ratio Lower Upper

94 100

96 90.8 74.6 111.8



#6

Chloroethane

Concen: 61.869 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.006 min

Lab File: VX037394.D

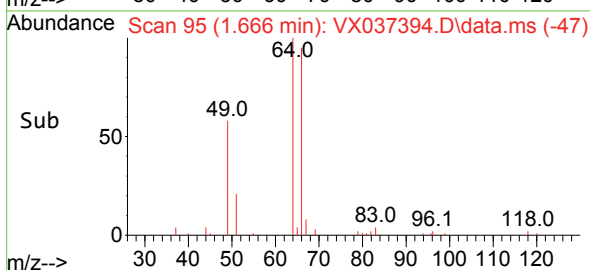
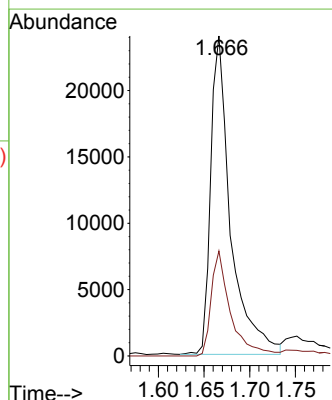
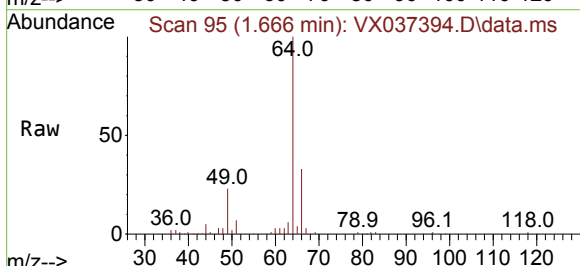
Acq: 30 Aug 2023 17:19

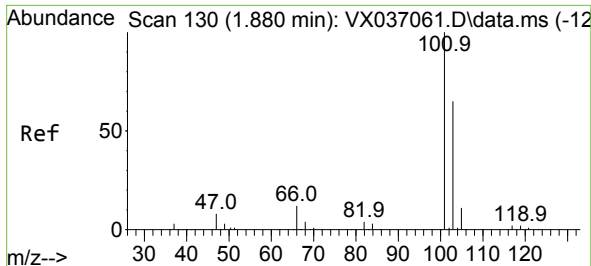
Tgt Ion: 64 Resp: 36329

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7

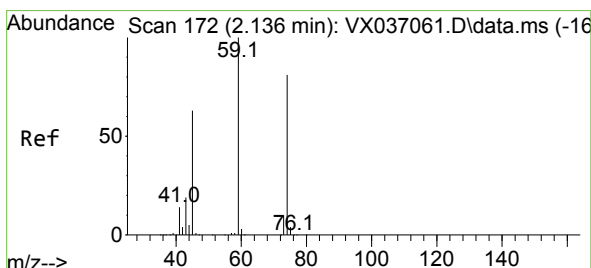
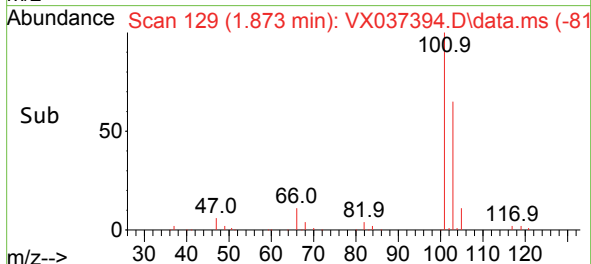
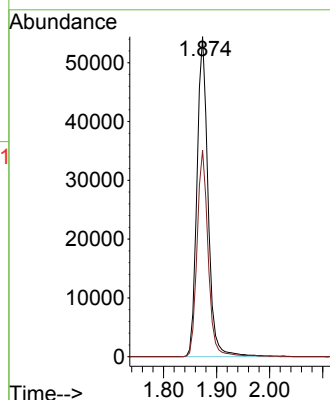
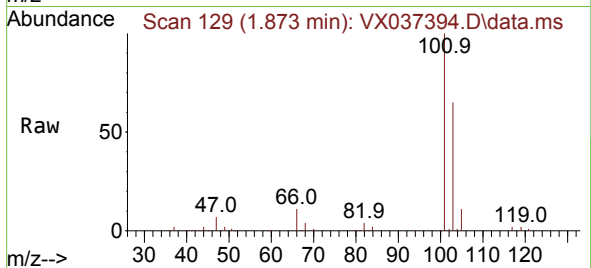




#7  
 Trichlorofluoromethane  
 Concen: 48.377 ug/l  
 RT: 1.873 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX037394.D  
 Acq: 30 Aug 2023 17:19

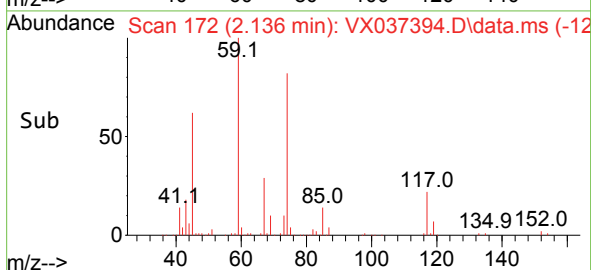
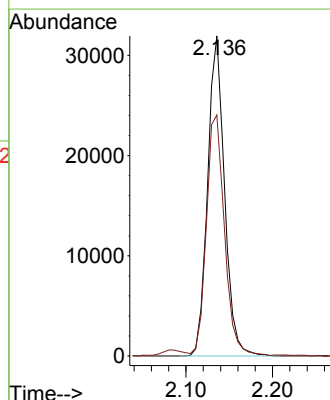
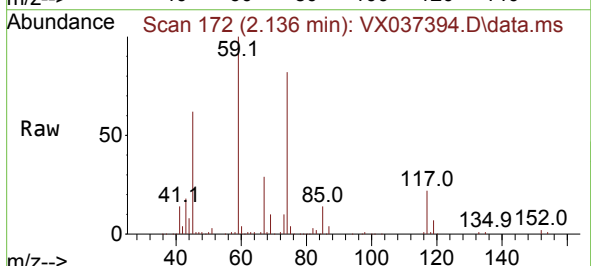
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-01-9.5-082923MS

Tgt Ion:101 Resp: 79075  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 51.4 77.2

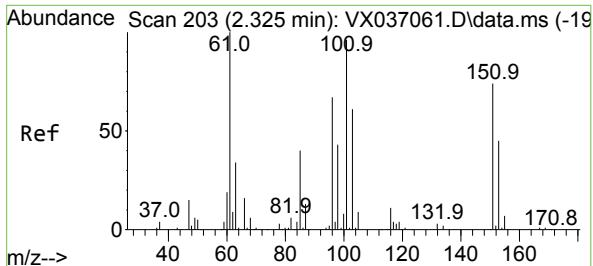


#8  
 Diethyl Ether  
 Concen: 68.455 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX037394.D  
 Acq: 30 Aug 2023 17:19

Tgt Ion: 74 Resp: 43290  
 Ion Ratio Lower Upper  
 74 100  
 45 79.9 53.3 159.8



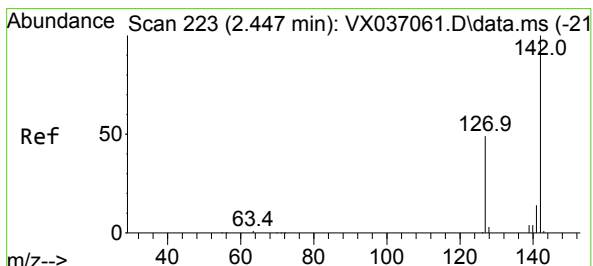
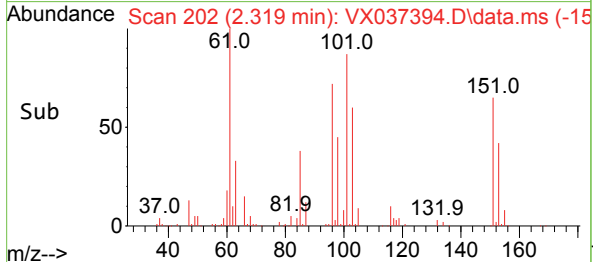
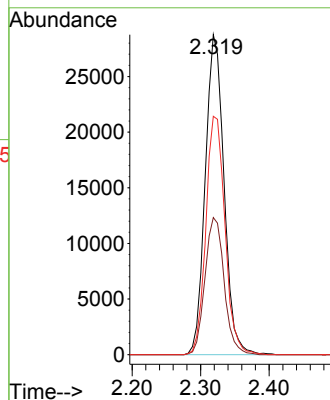
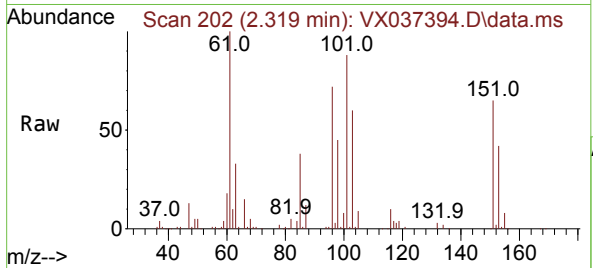




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 57.544 ug/l  
RT: 2.319 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

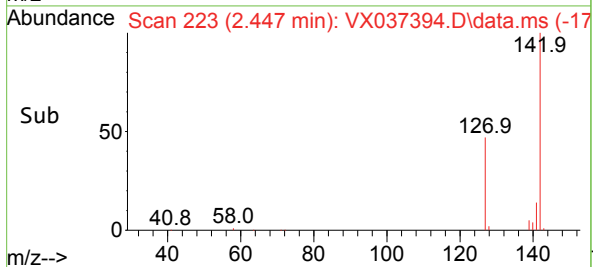
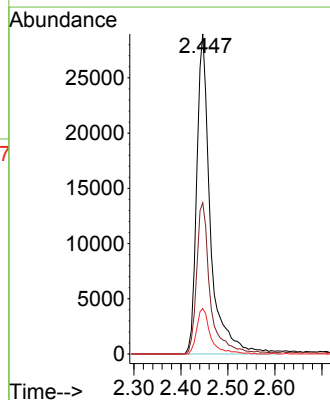
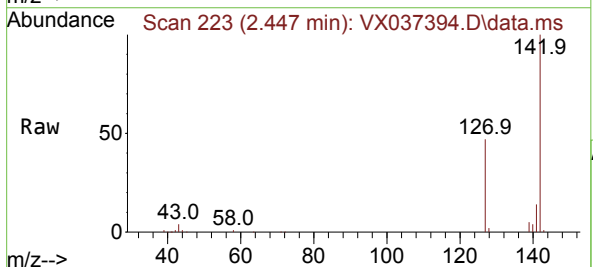
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

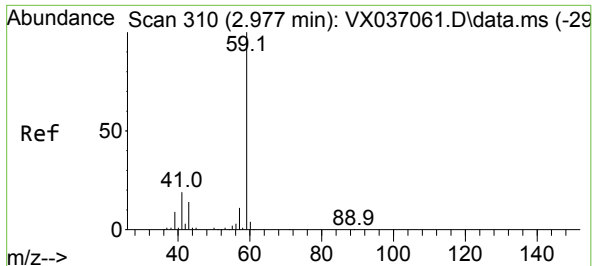
Tgt Ion:101 Resp: 54871  
Ion Ratio Lower Upper  
101 100  
85 43.8 37.0 55.6  
151 76.0 58.6 87.8



#10  
Methyl Iodide  
Concen: 50.885 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion:142 Resp: 58973  
Ion Ratio Lower Upper  
142 100  
127 47.3 41.6 62.4  
141 14.4 11.6 17.4

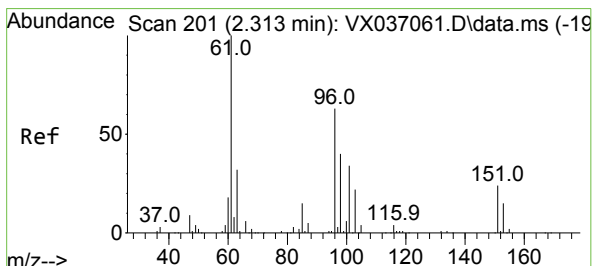
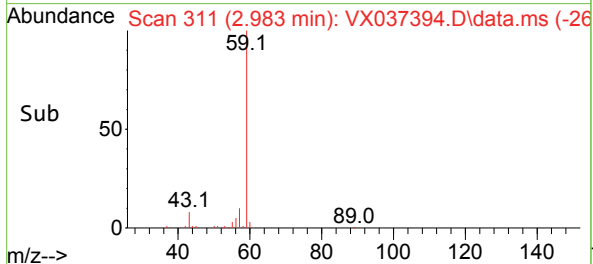
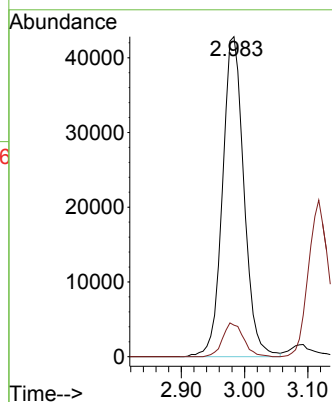
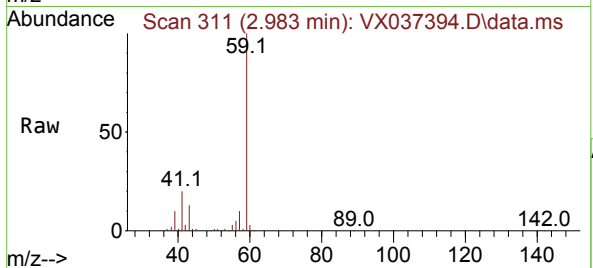




#11  
Tert butyl alcohol  
Concen: 329.801 ug/l  
RT: 2.983 min Scan# 310  
Delta R.T. 0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

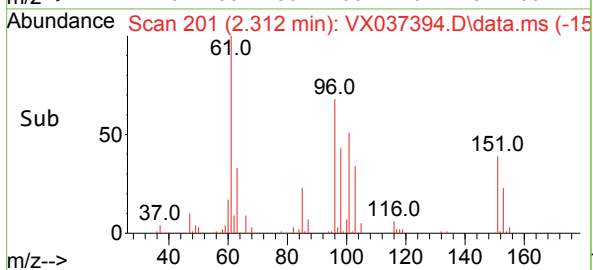
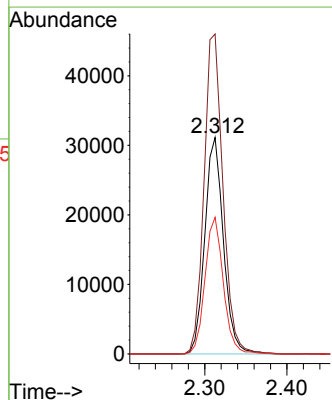
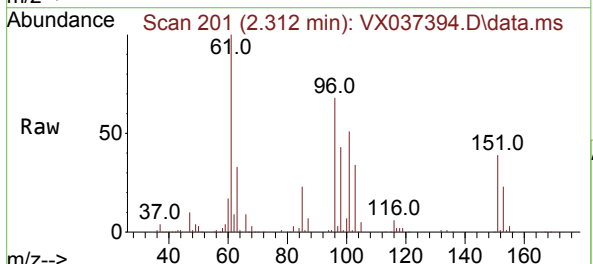
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

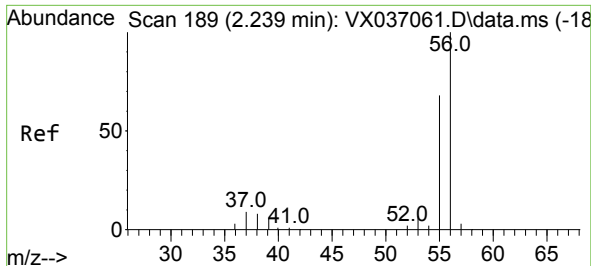
Tgt Ion: 59 Resp: 100610  
Ion Ratio Lower Upper  
59 100  
57 10.3 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 52.842 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 96 Resp: 49068  
Ion Ratio Lower Upper  
96 100  
61 147.9 144.6 216.8  
98 63.1 50.4 75.6





#13

Acrolein

Concen: 266.992 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

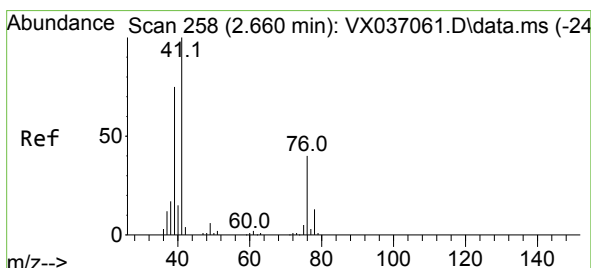
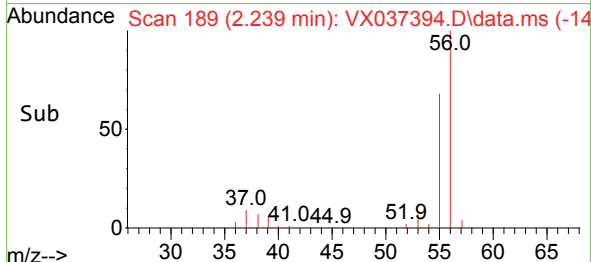
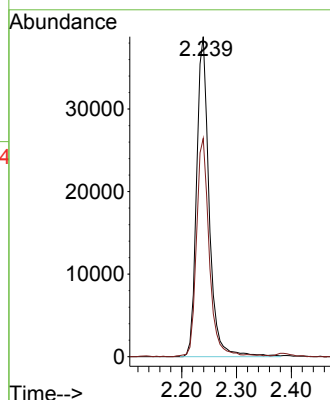
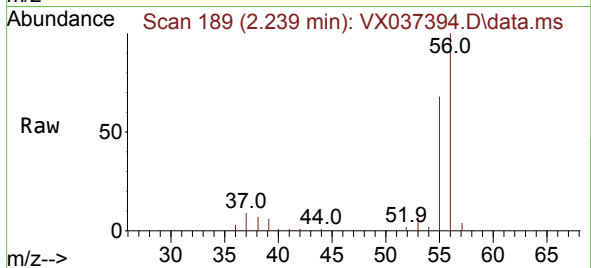
MW-01-9.5-082923MS

Tgt Ion: 56 Resp: 61962

Ion Ratio Lower Upper

56 100

55 69.0 57.1 85.7



#14

Allyl chloride

Concen: 58.785 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

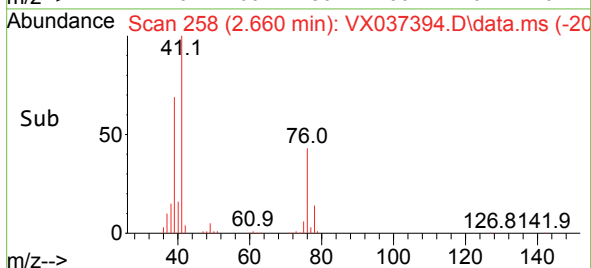
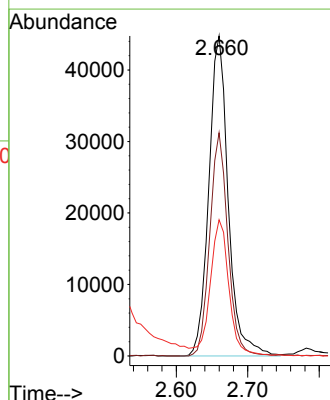
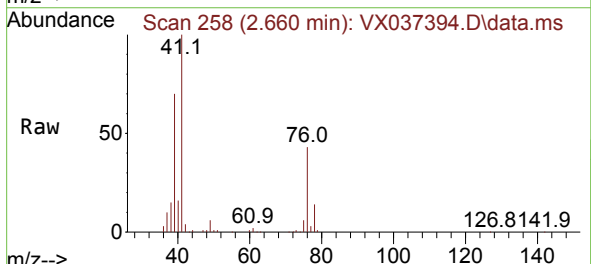
Tgt Ion: 41 Resp: 84490

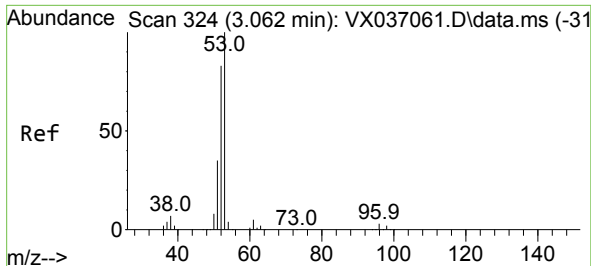
Ion Ratio Lower Upper

41 100

39 64.8 55.8 83.6

76 40.7 24.3 36.5

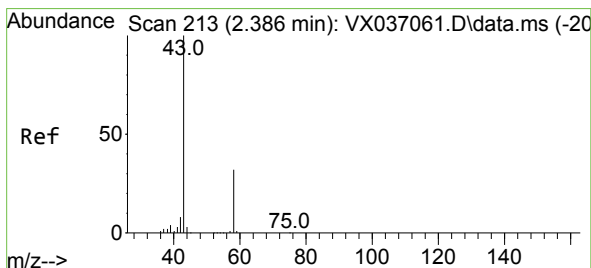
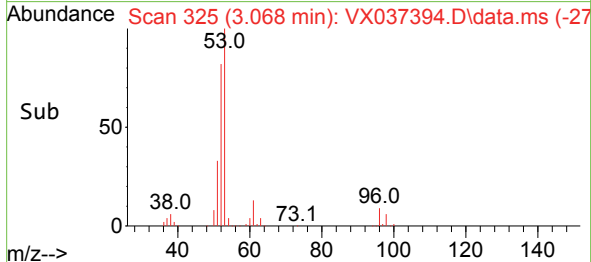
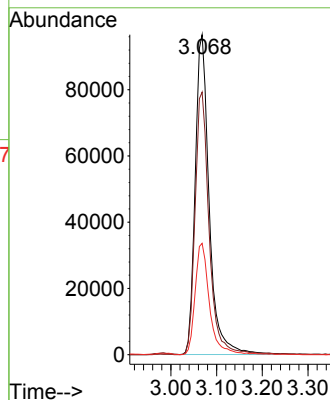
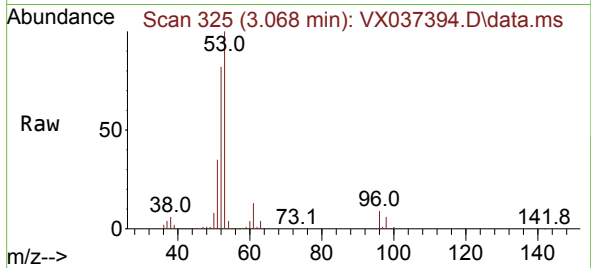




#15  
Acrylonitrile  
Concen: 377.856 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

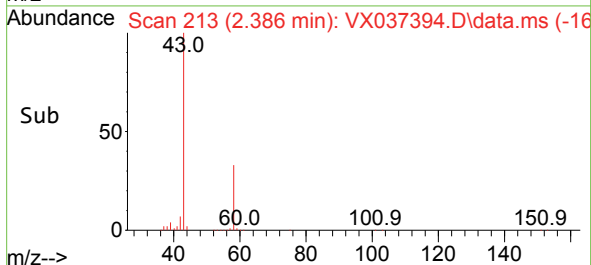
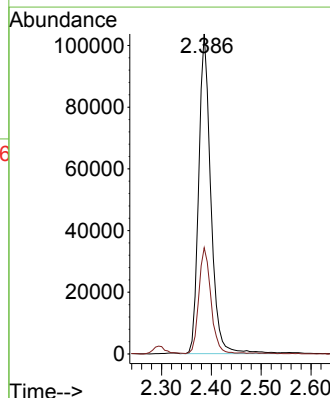
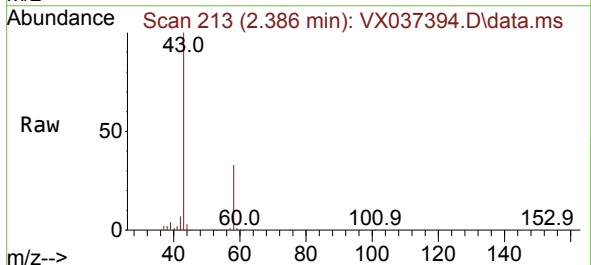
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

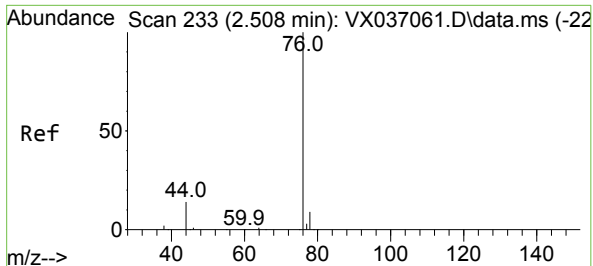
Tgt Ion: 53 Resp: 205742  
Ion Ratio Lower Upper  
53 100  
52 82.1 66.0 99.0  
51 36.0 29.8 44.6



#16  
Acetone  
Concen: 342.409 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 43 Resp: 174204  
Ion Ratio Lower Upper  
43 100  
58 33.1 21.9 32.9#

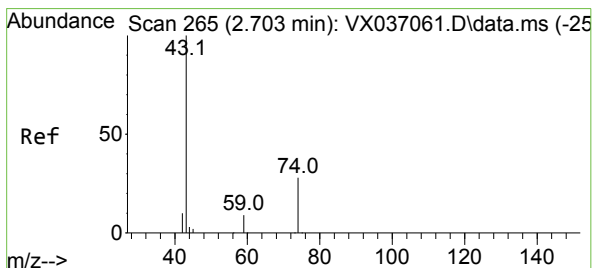
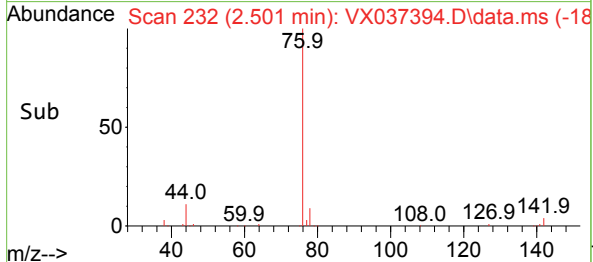
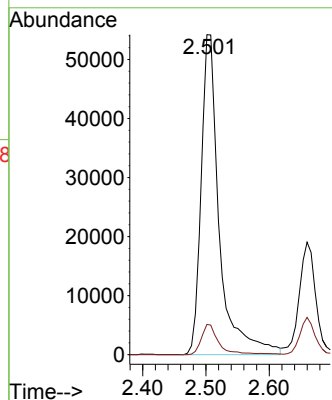
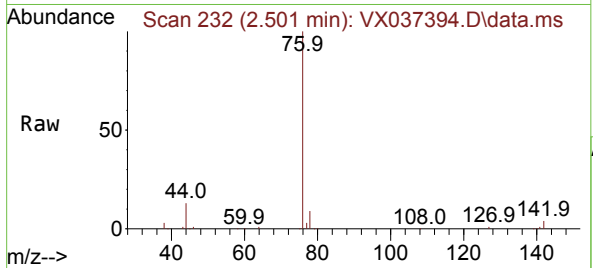




#17  
Carbon Disulfide  
Concen: 45.977 ug/l  
RT: 2.501 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

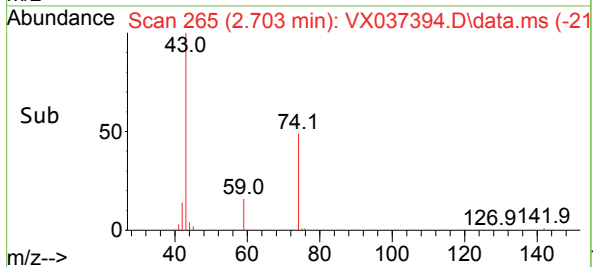
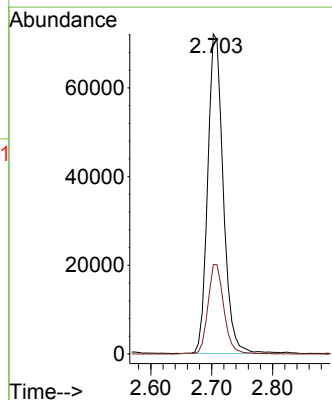
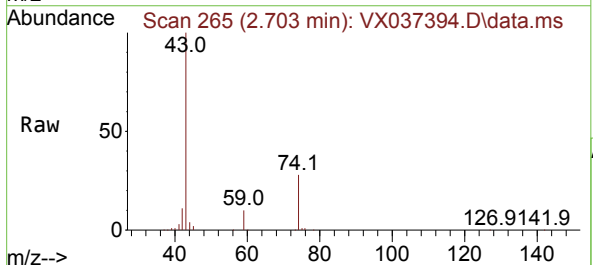
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

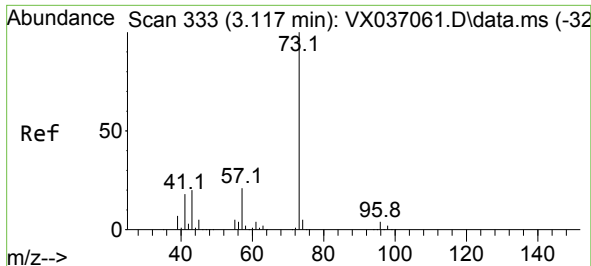
Tgt Ion: 76 Resp: 108597  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.0 10.6



#18  
Methyl Acetate  
Concen: 66.866 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 43 Resp: 128088  
Ion Ratio Lower Upper  
43 100  
74 28.7 17.8 26.8#

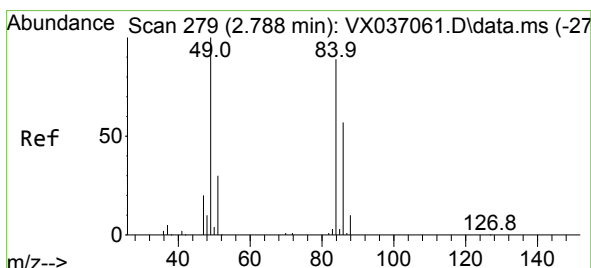
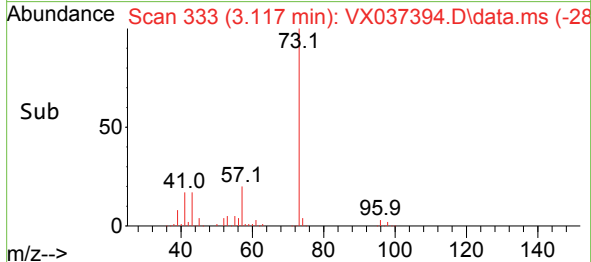
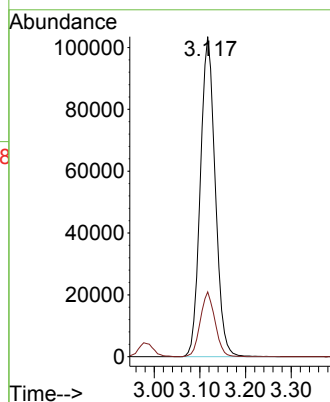
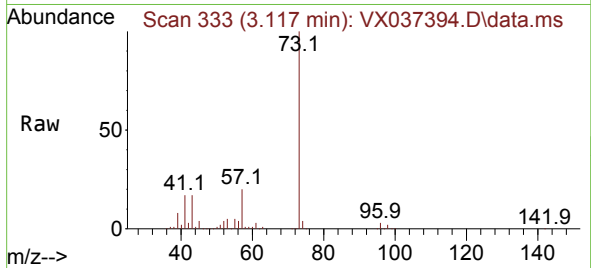




#19  
Methyl tert-butyl Ether  
Concen: 66.312 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

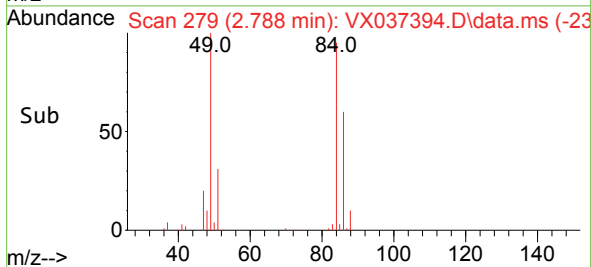
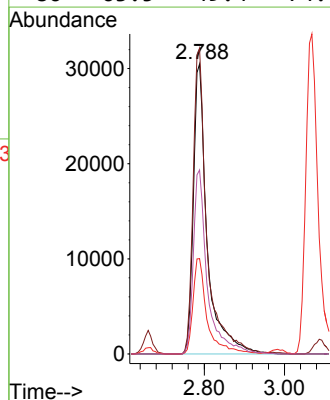
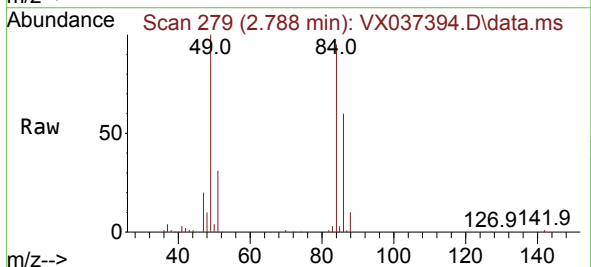
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

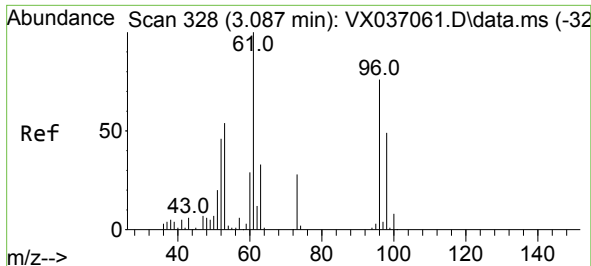
Tgt Ion: 73 Resp: 233536  
Ion Ratio Lower Upper  
73 100  
57 20.3 17.3 25.9



#20  
Methylene Chloride  
Concen: 64.500 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 84 Resp: 73385  
Ion Ratio Lower Upper  
84 100  
49 105.5 103.6 155.4  
51 32.9 33.8 50.6#  
86 63.5 49.4 74.0

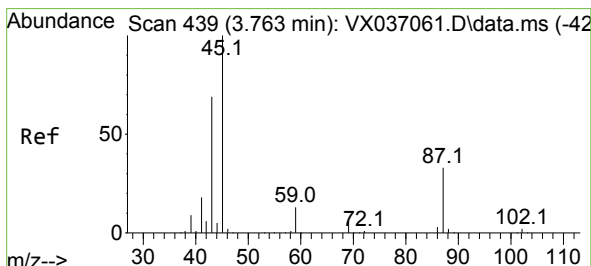
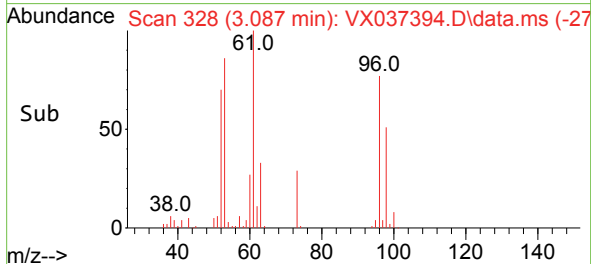
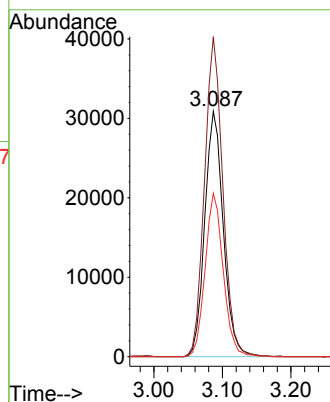
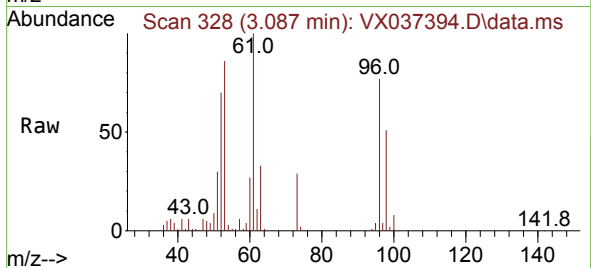




#21  
trans-1,2-Dichloroethene  
Concen: 55.182 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

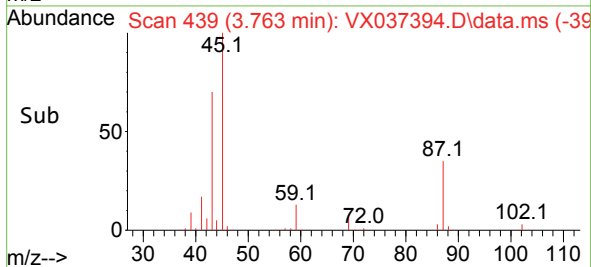
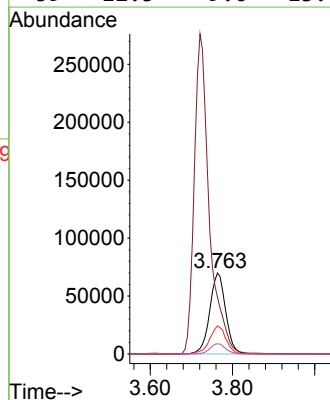
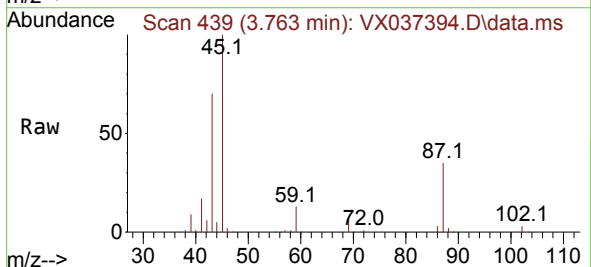
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

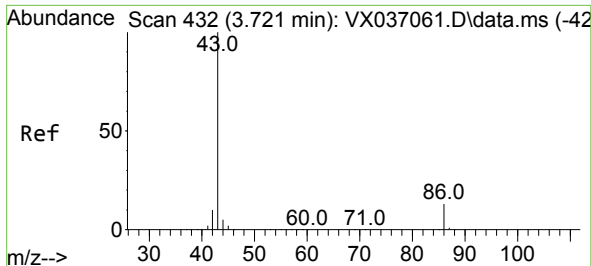
Tgt Ion: 96 Resp: 58249  
Ion Ratio Lower Upper  
96 100  
61 130.4 119.2 178.8  
98 66.6 48.7 73.1



#22  
Diisopropyl ether  
Concen: 63.704 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 45 Resp: 187884  
Ion Ratio Lower Upper  
45 100  
43 70.0 69.7 104.5  
87 34.5 20.8 31.2#  
59 12.5 9.0 13.4

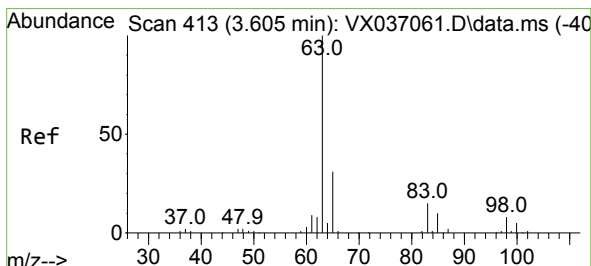
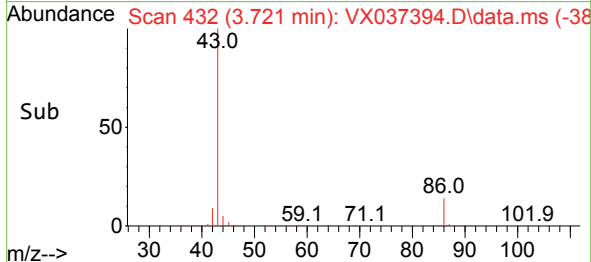
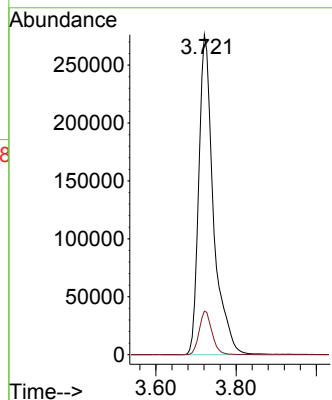
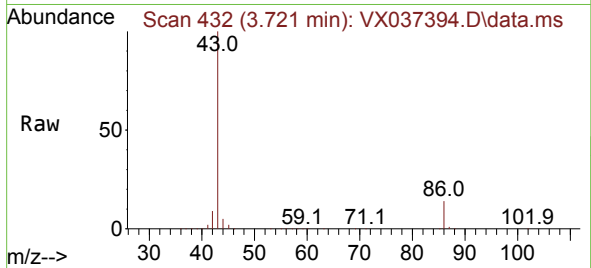




#23  
 Vinyl Acetate  
 Concen: 310.529 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX037394.D  
 Acq: 30 Aug 2023 17:19

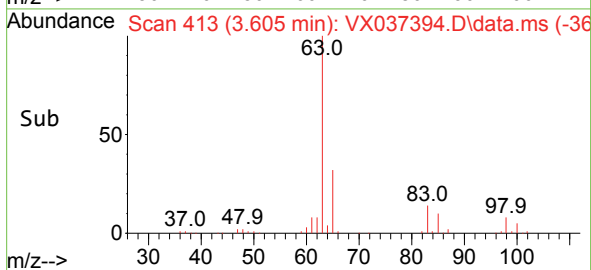
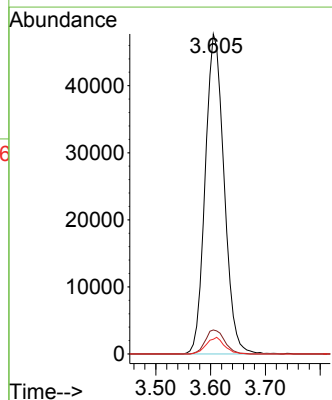
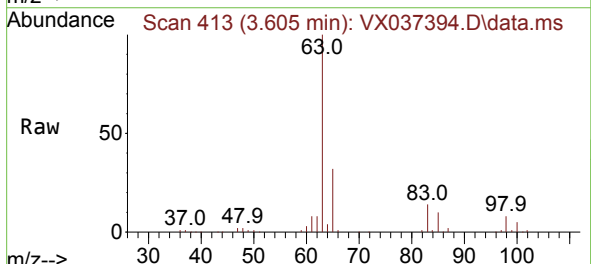
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-01-9.5-082923MS

Tgt Ion: 43 Resp: 701832  
 Ion Ratio Lower Upper  
 43 100  
 86 13.6 7.8 11.8#

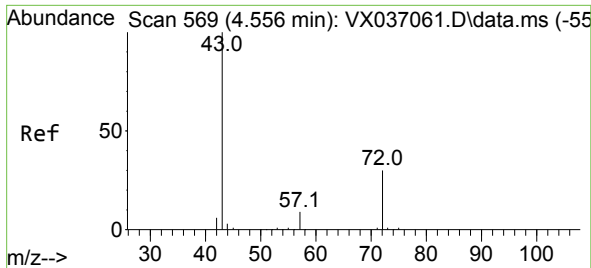


#24  
 1,1-Dichloroethane  
 Concen: 61.539 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX037394.D  
 Acq: 30 Aug 2023 17:19

Tgt Ion: 63 Resp: 113817  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.3 9.8  
 100 4.6 2.1 6.5



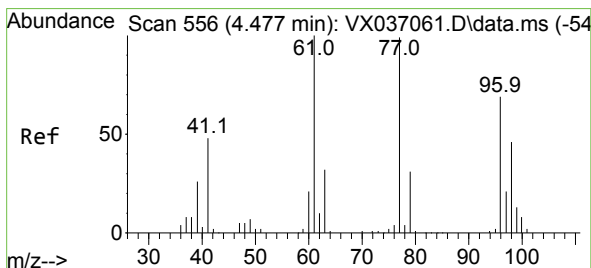
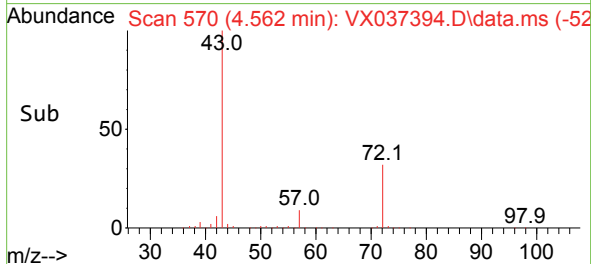
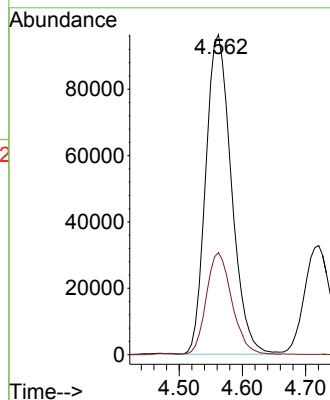
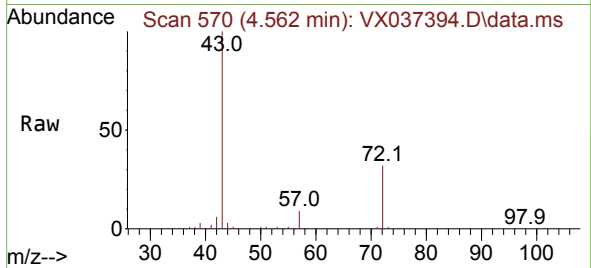




#25  
2-Butanone  
Concen: 355.571 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

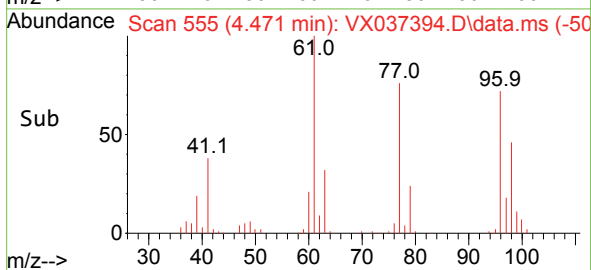
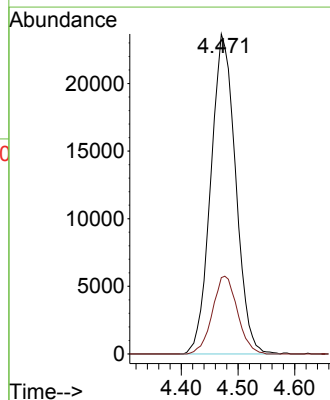
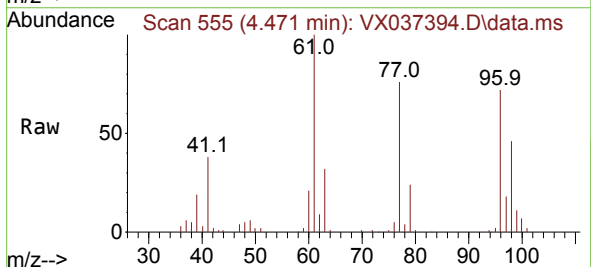
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

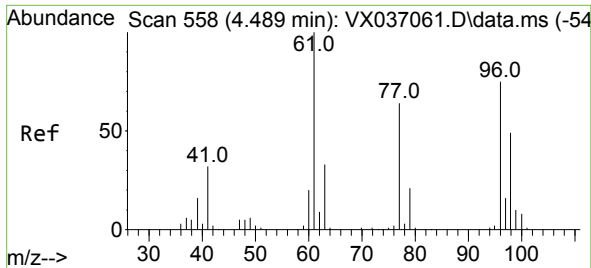
Tgt Ion: 43 Resp: 272382  
Ion Ratio Lower Upper  
43 100  
72 31.8 19.4 29.2#



#26  
2,2-Dichloropropane  
Concen: 43.529 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 77 Resp: 71899  
Ion Ratio Lower Upper  
77 100  
97 24.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 76.491 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS

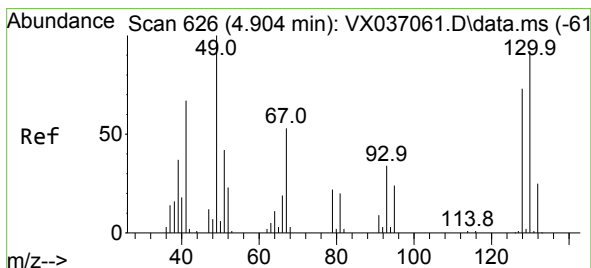
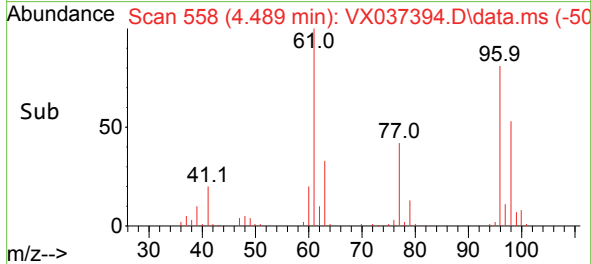
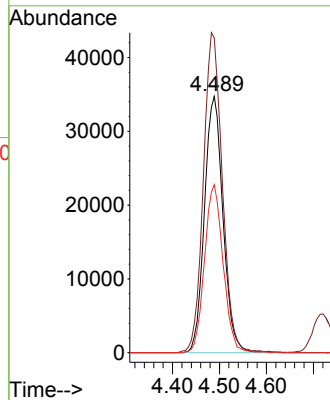
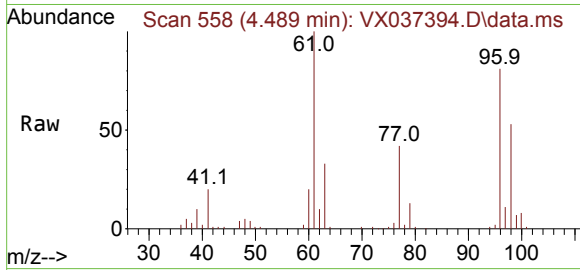
Tgt Ion: 96 Resp: 95187

Ion Ratio Lower Upper

96 100

61 127.5 0.0 312.2

98 65.7 0.0 129.0



#28

Bromochloromethane

Concen: 60.182 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

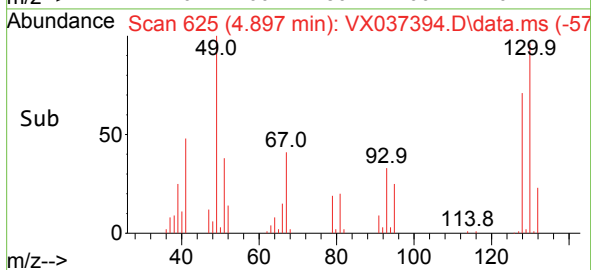
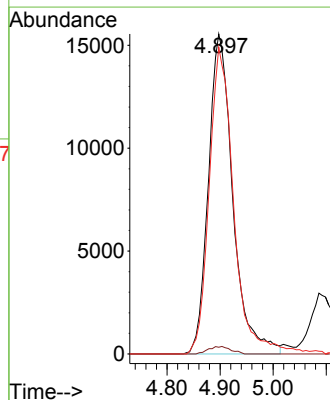
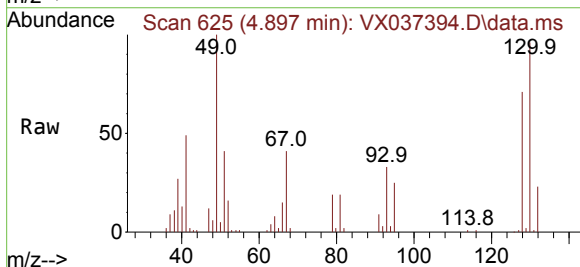
Tgt Ion: 49 Resp: 49723

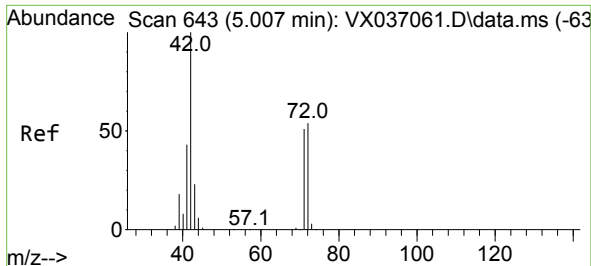
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 96.3 57.5 86.3#





#29

Tetrahydrofuran

Concen: 357.472 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS

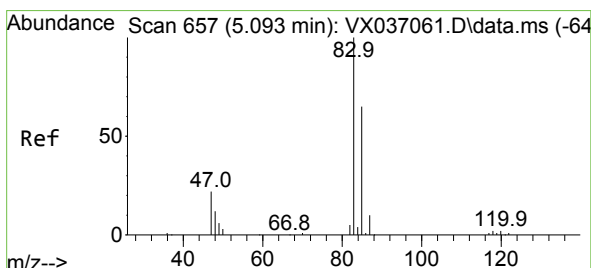
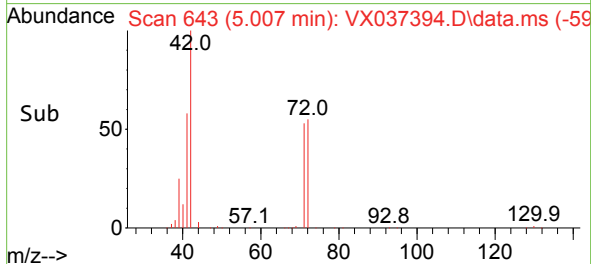
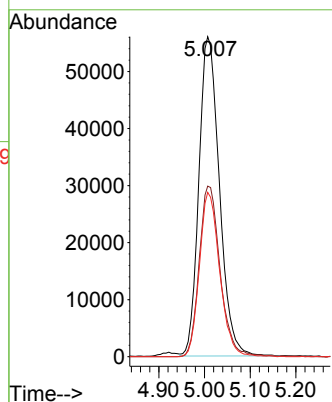
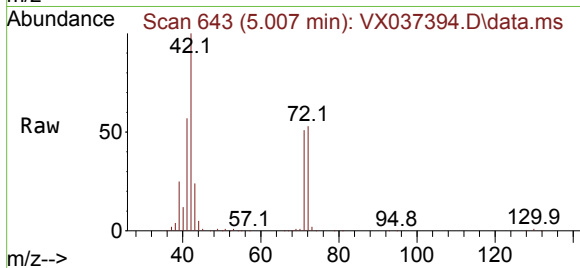
Tgt Ion: 42 Resp: 174635

Ion Ratio Lower Upper

42 100

72 54.4 34.2 51.4#

71 50.7 32.2 48.2#



#30

Chloroform

Concen: 62.271 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037394.D

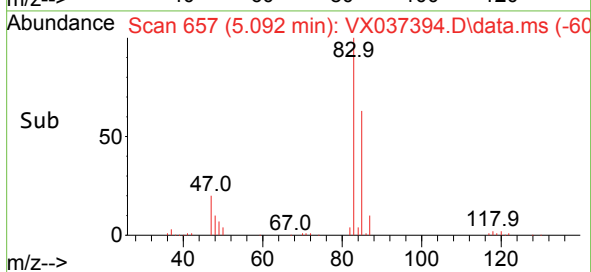
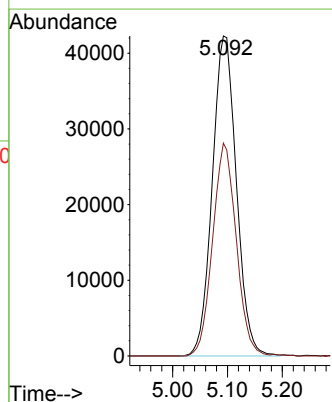
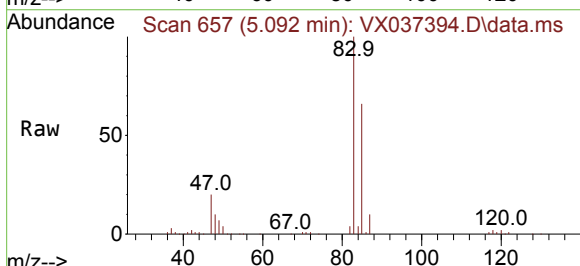
Acq: 30 Aug 2023 17:19

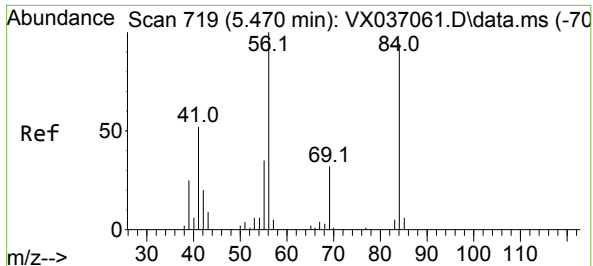
Tgt Ion: 83 Resp: 129286

Ion Ratio Lower Upper

83 100

85 66.5 50.3 75.5

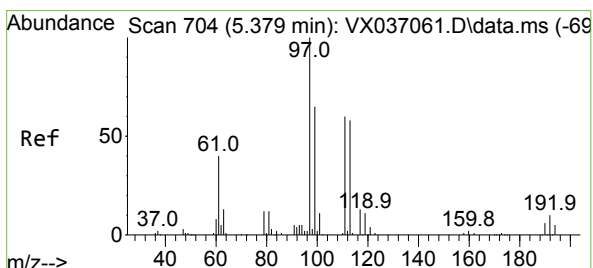
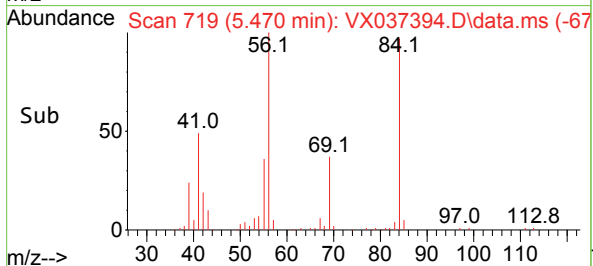
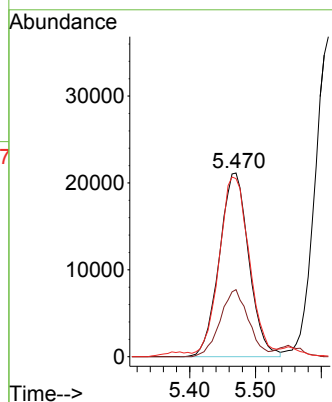
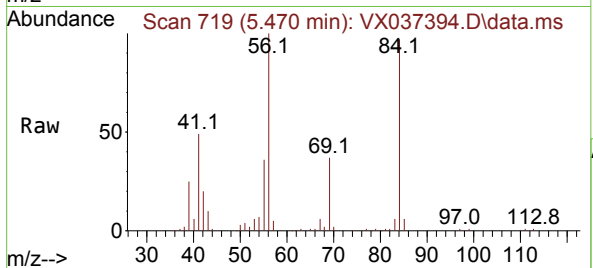




#31  
Cyclohexane  
Concen: 45.092 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

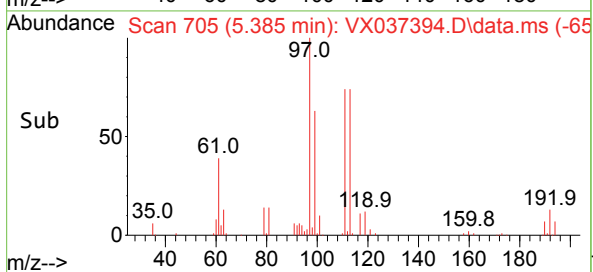
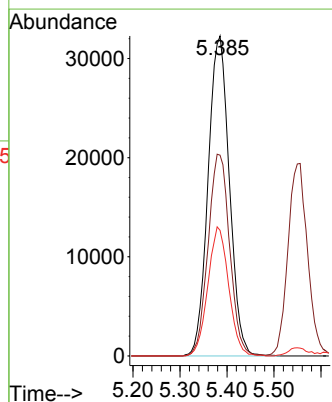
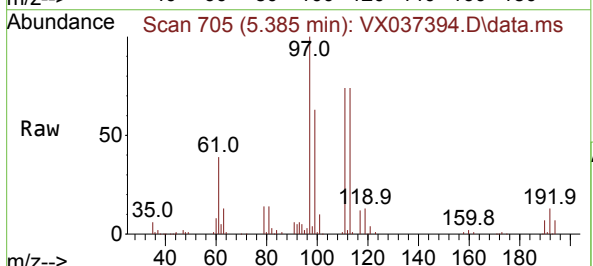
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

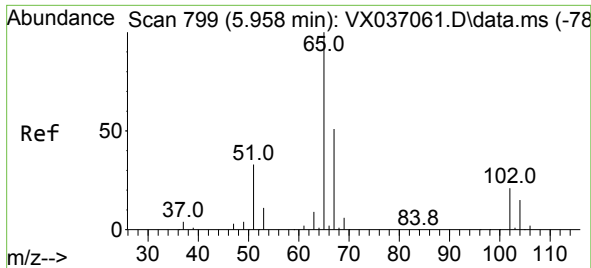
Tgt Ion: 56 Resp: 65937  
Ion Ratio Lower Upper  
56 100  
69 36.5 23.4 35.2#  
84 94.4 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 54.468 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 97 Resp: 101338  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.1 76.7  
61 39.6 36.4 54.6

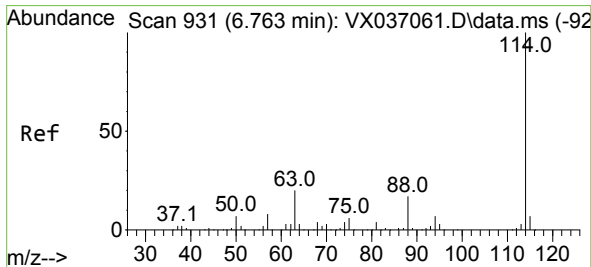
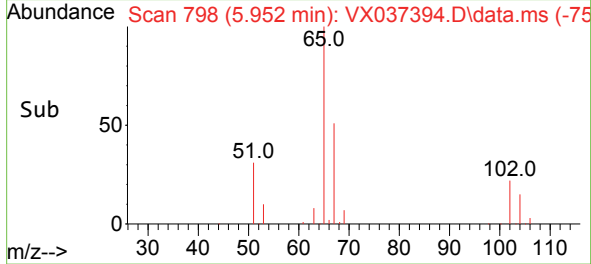
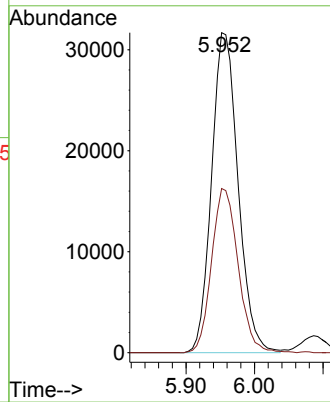
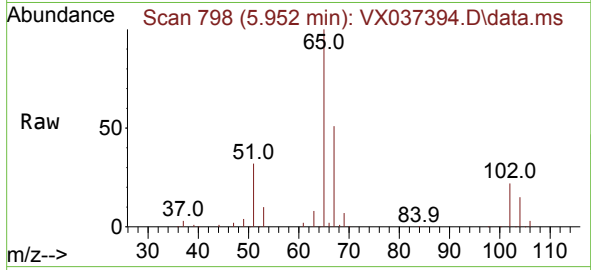




#33  
1,2-Dichloroethane-d4  
Concen: 65.413 ug/l  
RT: 5.952 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

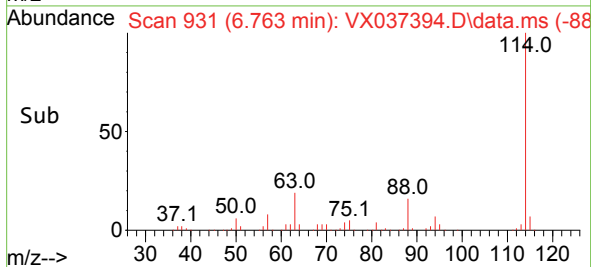
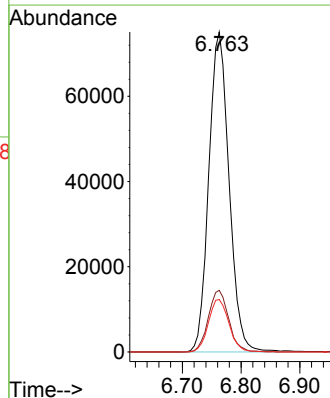
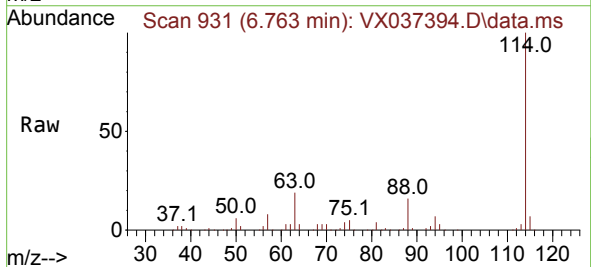
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

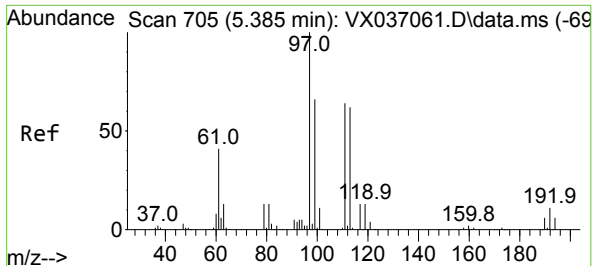
Tgt Ion: 65 Resp: 85069  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 114 Resp: 179811  
Ion Ratio Lower Upper  
114 100  
63 19.3 0.0 45.0  
88 16.4 0.0 36.6

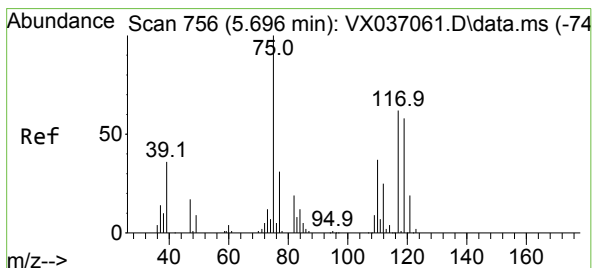
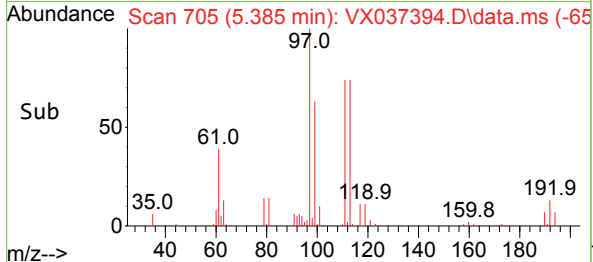
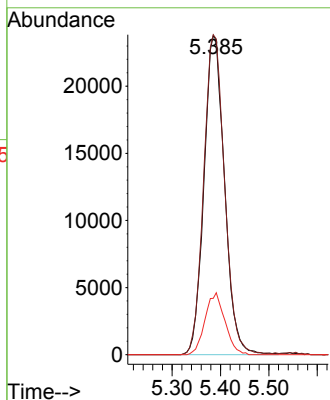
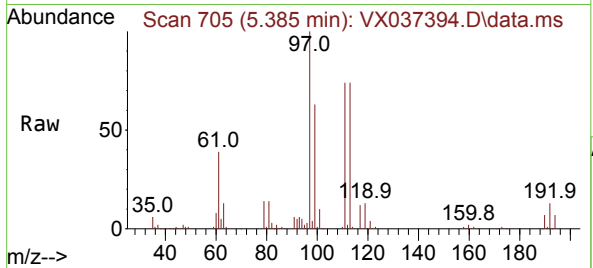




#35  
Dibromofluoromethane  
Concen: 58.925 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

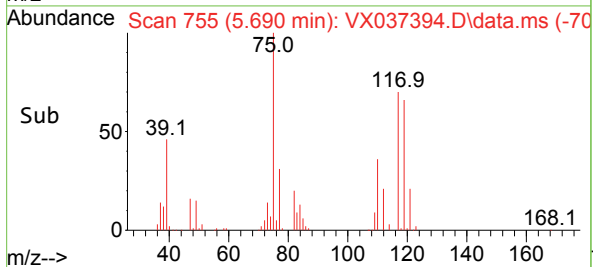
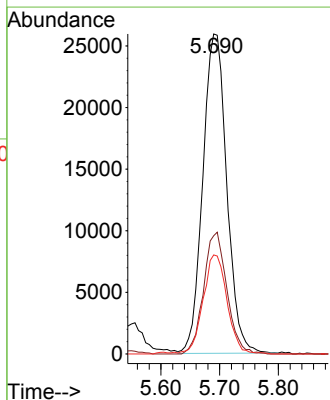
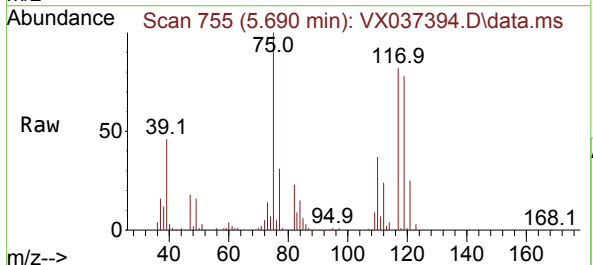
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

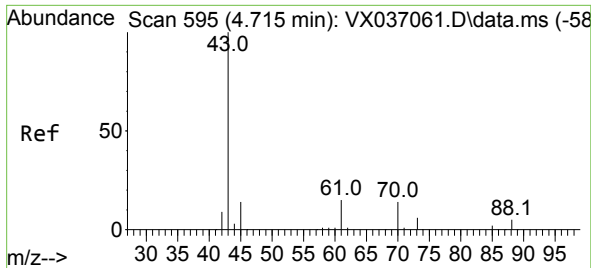
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 70171 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.8 | 82.9  | 124.3 |
| 192      | 18.8  | 13.3  | 19.9  |



#36  
1,1-Dichloropropene  
Concen: 43.438 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 73492 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 37.1  | 17.0  | 50.9  |
| 77       | 31.1  | 24.7  | 37.1  |





#37

Ethyl Acetate

Concen: 56.417 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX037394.D

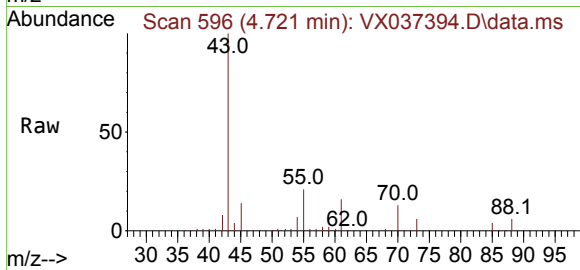
Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS



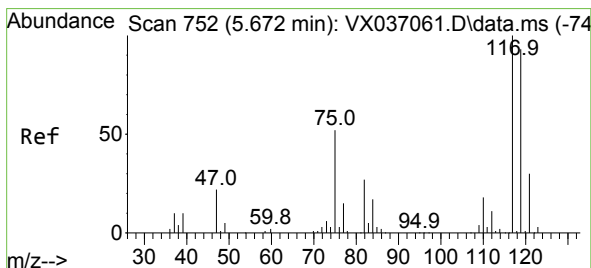
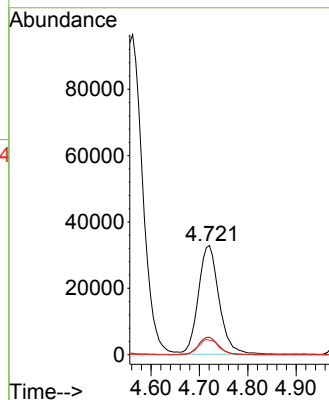
Tgt Ion: 43 Resp: 97503

Ion Ratio Lower Upper

43 100

61 15.8 10.6 16.0

70 13.8 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 43.991 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

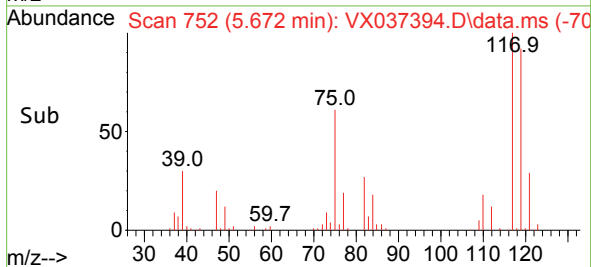
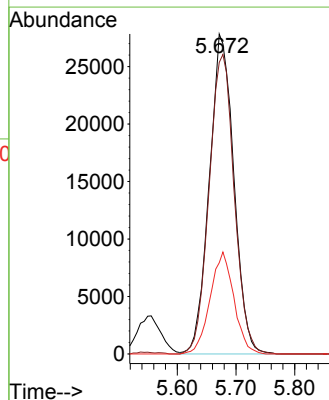
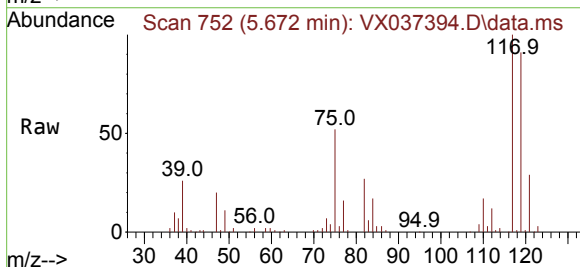
Tgt Ion: 117 Resp: 80849

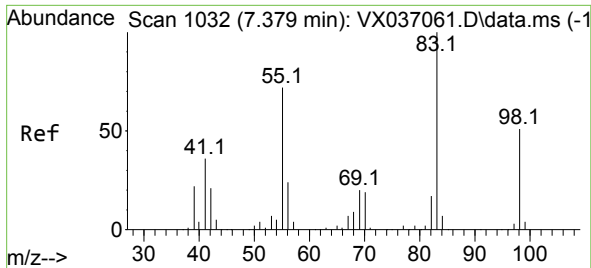
Ion Ratio Lower Upper

117 100

119 91.1 78.2 117.2

121 28.5 24.4 36.6

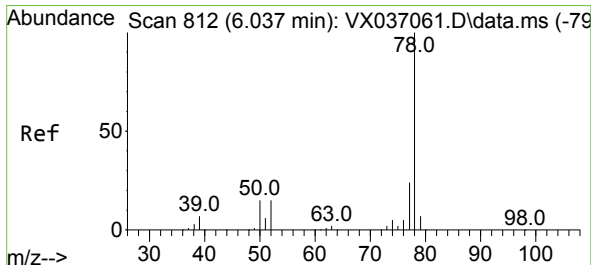
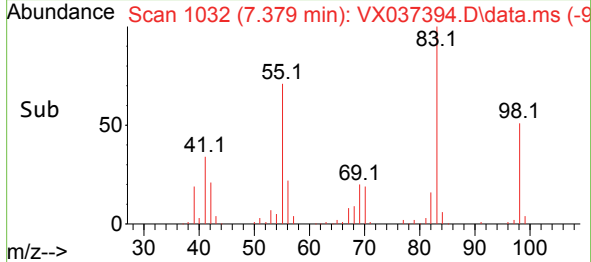
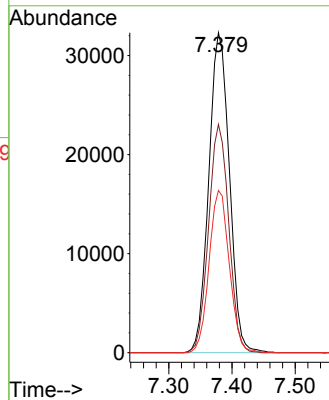
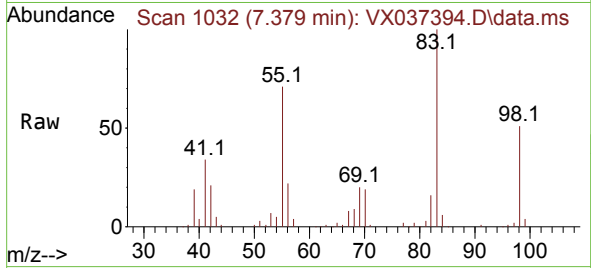




#39  
Methylcyclohexane  
Concen: 41.145 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

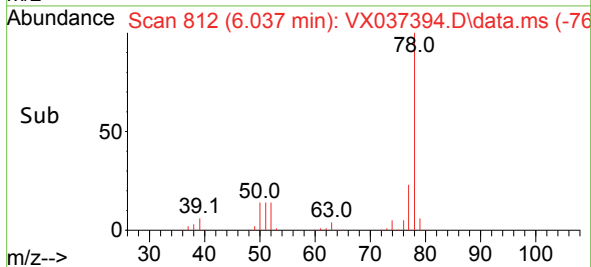
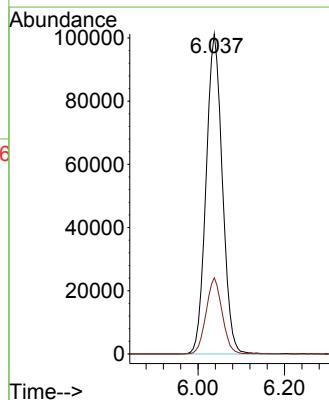
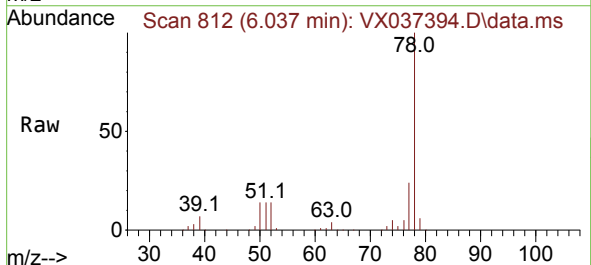
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 73138 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 71.4     | 64.6 97.0   |
| 98 50.7     | 36.7 55.1   |

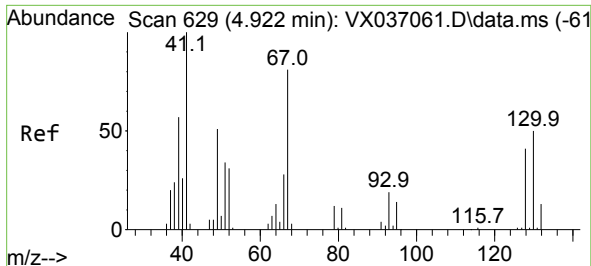


#40  
Benzene  
Concen: 54.372 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

|             |              |
|-------------|--------------|
| Tgt Ion: 78 | Resp: 263829 |
| Ion Ratio   | Lower Upper  |
| 78 100      |              |
| 77 23.8     | 19.3 28.9    |



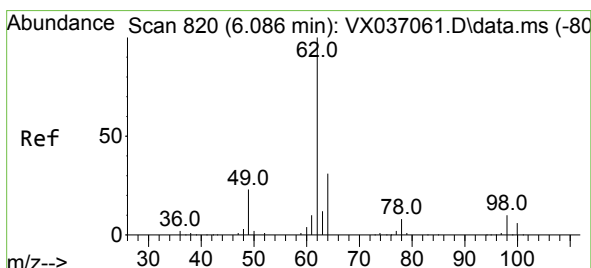
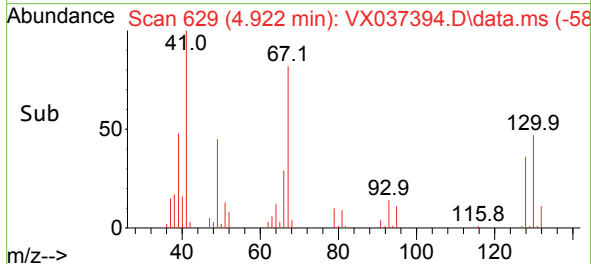
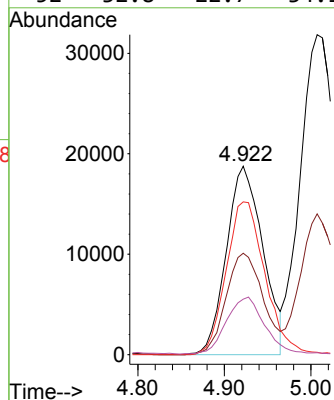
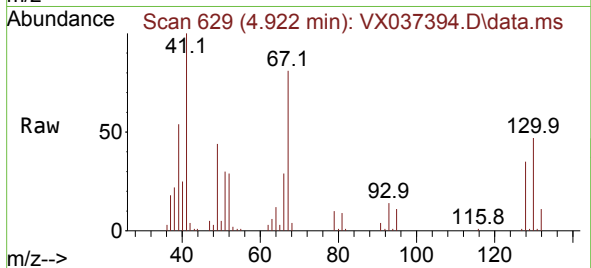




#41  
Methacrylonitrile  
Concen: 61.295 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

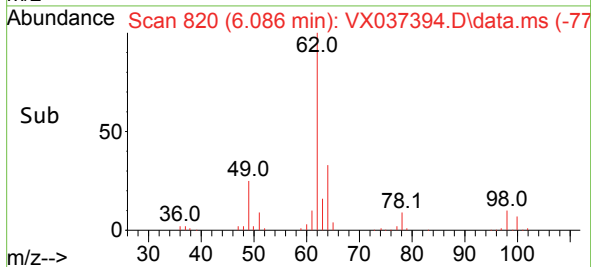
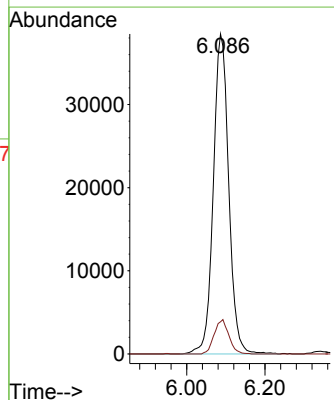
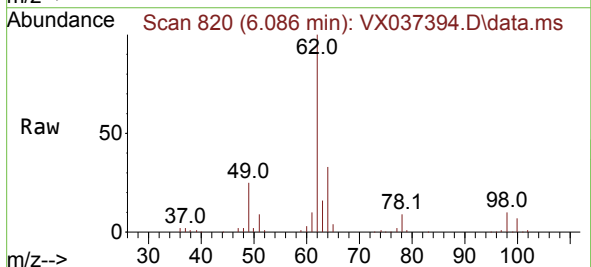
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

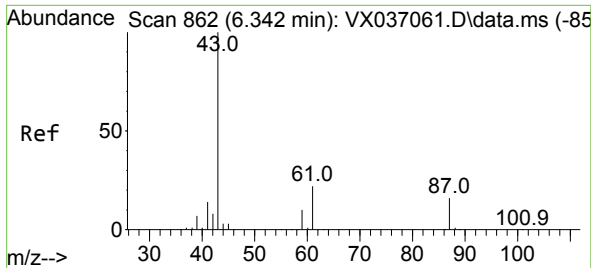
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 55070 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.8  | 45.2  | 67.8  |
| 67       | 86.3  | 52.6  | 78.8# |
| 52       | 32.8  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 55.073 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 104795 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.2  | 0.0   | 16.0   |

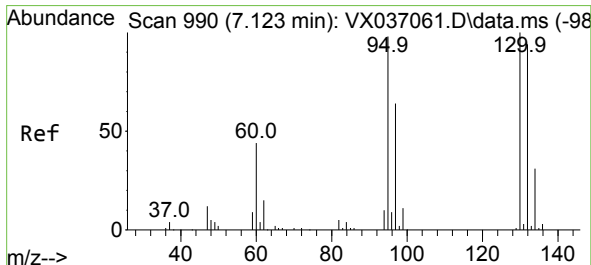
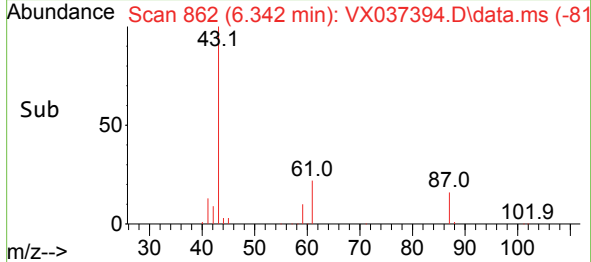
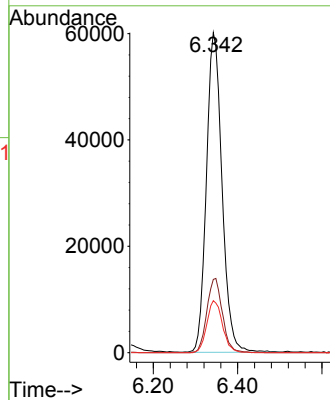
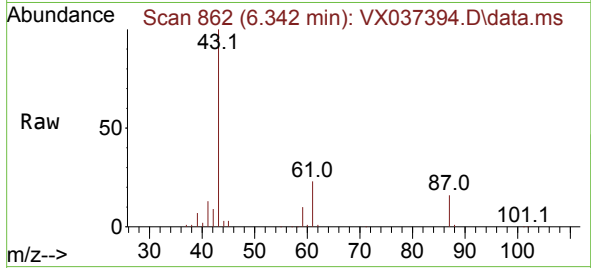




#43  
Isopropyl Acetate  
Concen: 56.580 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

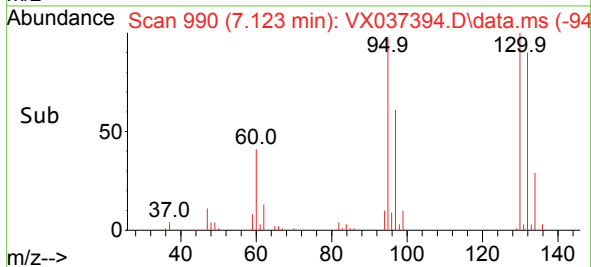
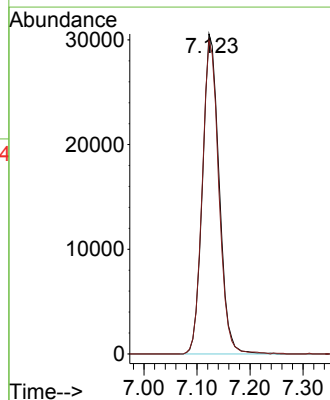
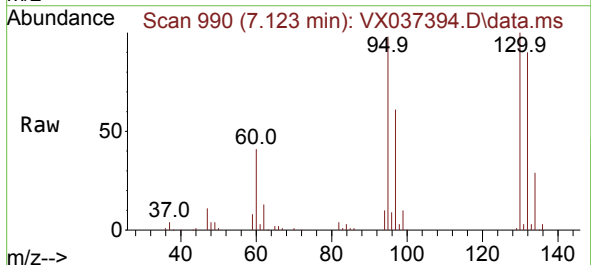
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

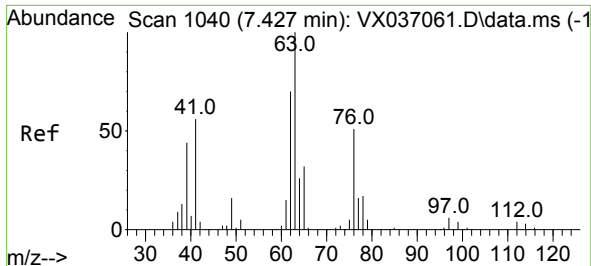
Tgt Ion: 43 Resp: 155245  
Ion Ratio Lower Upper  
43 100  
61 23.0 15.2 22.8#  
87 16.4 9.8 14.6#



#44  
Trichloroethene  
Concen: 48.316 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion:130 Resp: 66478  
Ion Ratio Lower Upper  
130 100  
95 97.9 0.0 204.4

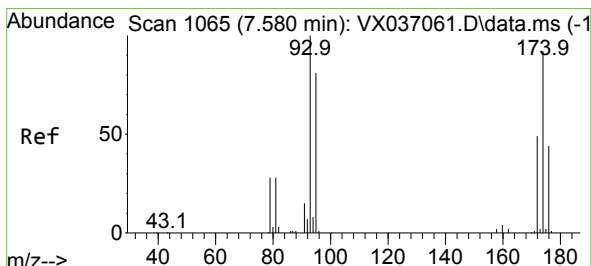
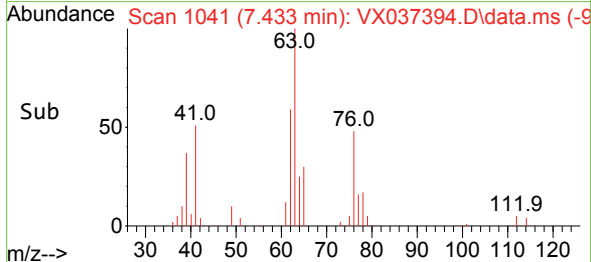
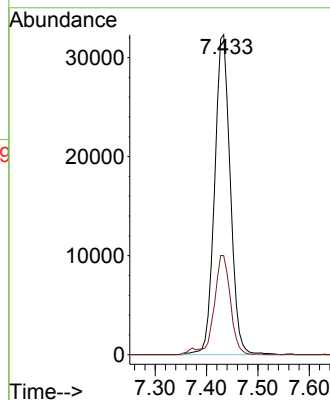
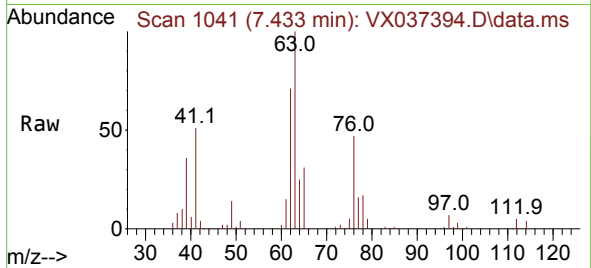




#45  
1,2-Dichloropropane  
Concen: 57.230 ug/l  
RT: 7.433 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

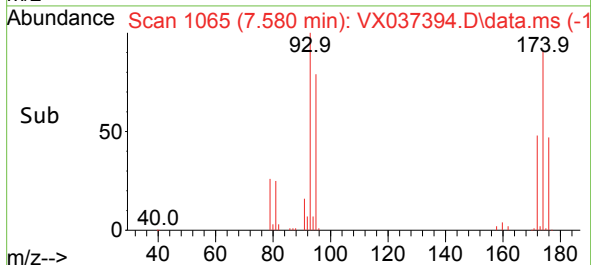
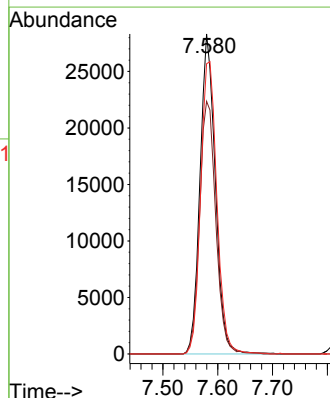
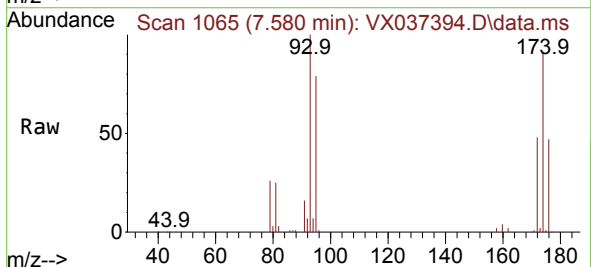
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

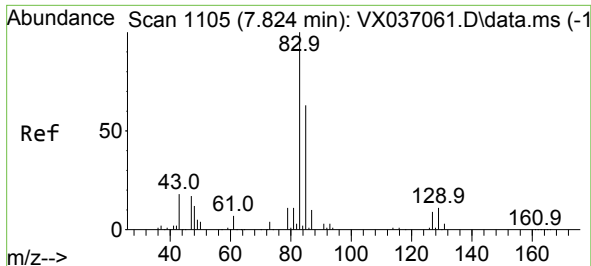
Tgt Ion: 63 Resp: 68471  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.3 36.5



#46  
Dibromomethane  
Concen: 58.470 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 93 Resp: 55109  
Ion Ratio Lower Upper  
93 100  
95 83.1 66.6 100.0  
174 96.8 69.4 104.0

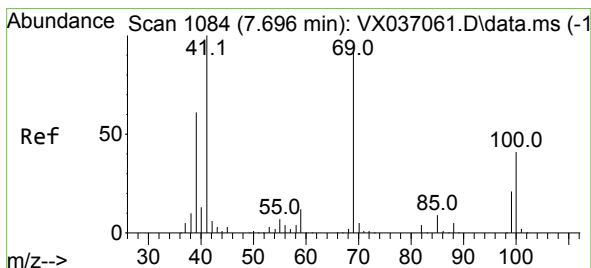
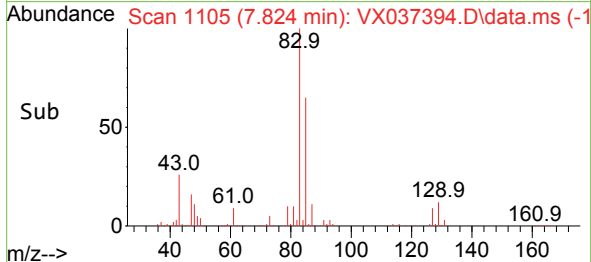
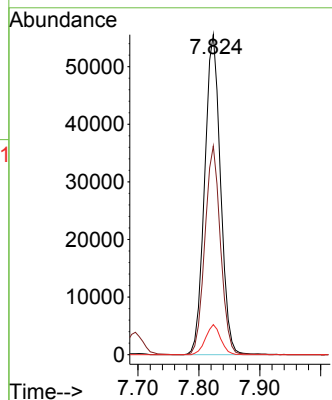
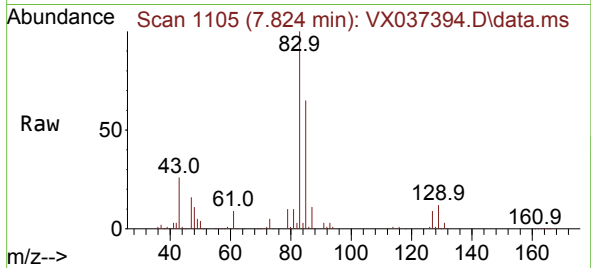




#47  
Bromodichloromethane  
Concen: 55.701 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

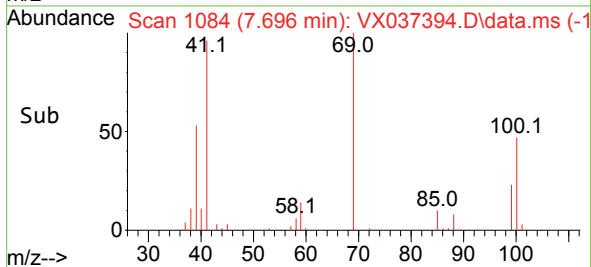
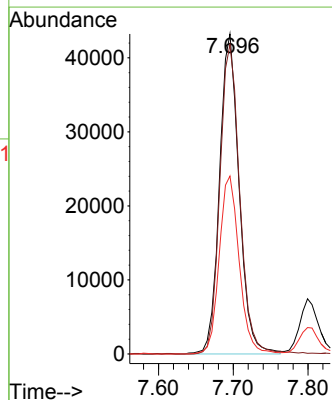
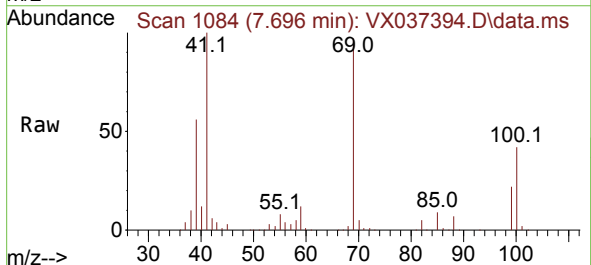
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

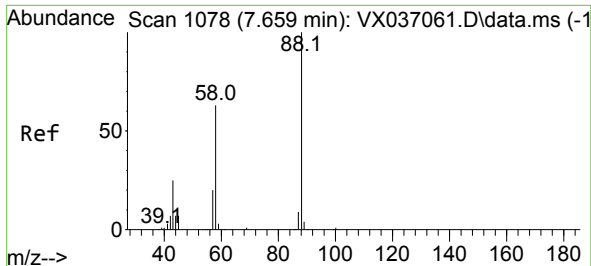
Tgt Ion: 83 Resp: 100557  
Ion Ratio Lower Upper  
83 100  
85 65.2 49.8 74.6  
127 9.4 7.1 10.7



#48  
Methyl methacrylate  
Concen: 58.943 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 41 Resp: 78871  
Ion Ratio Lower Upper  
41 100  
69 98.3 59.2 88.8#  
39 56.7 47.7 71.5

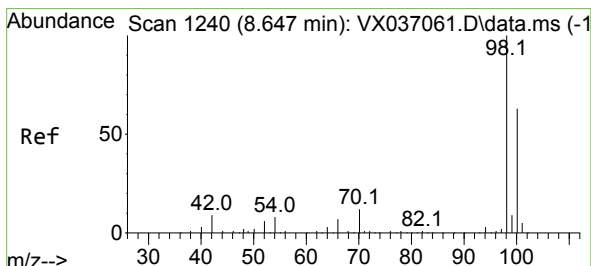
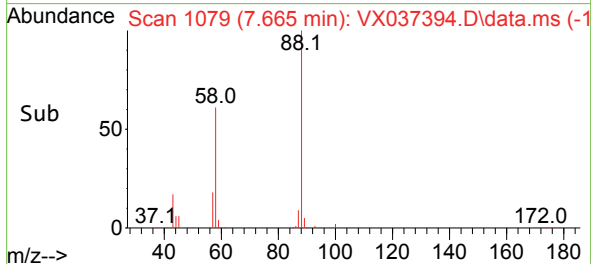
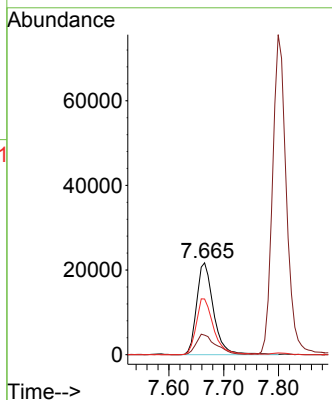
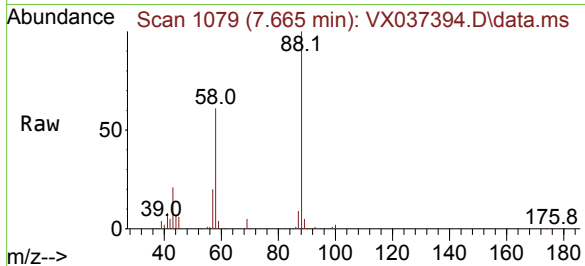




#49  
1,4-Dioxane  
Concen: 1290.521 ug/l  
RT: 7.665 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

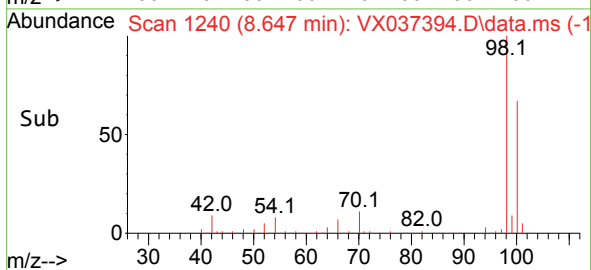
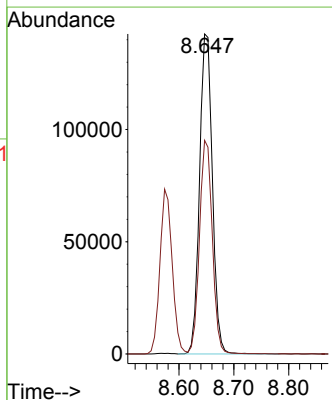
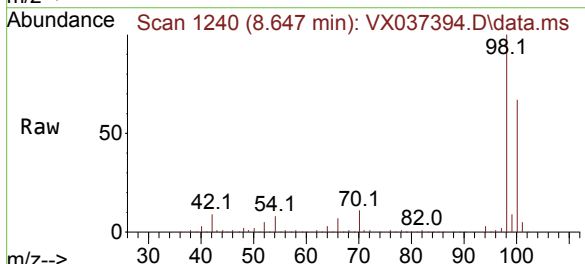
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

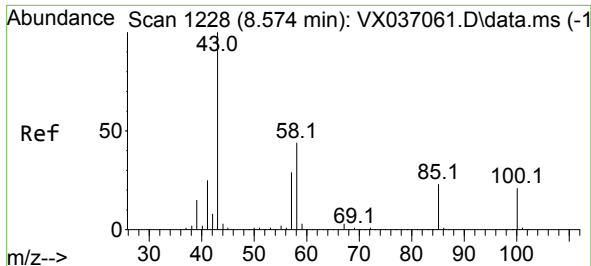
Tgt Ion: 88 Resp: 46507  
Ion Ratio Lower Upper  
88 100  
43 26.0 0.0 0.0#  
58 62.9 60.1 90.1



#50  
Toluene-d8  
Concen: 53.640 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 98 Resp: 231705  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.1 79.7

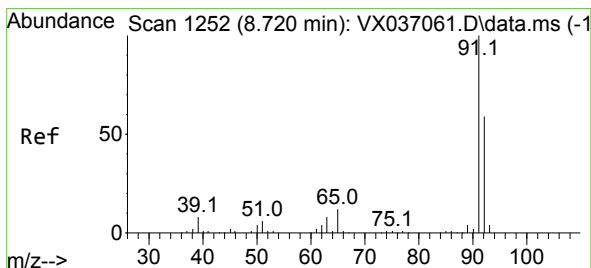
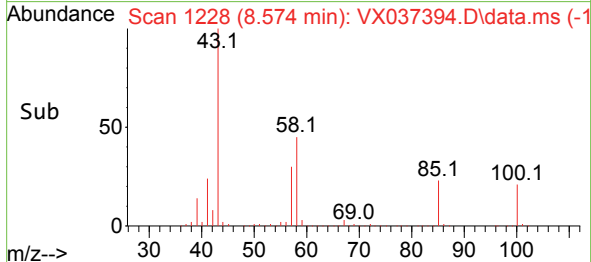
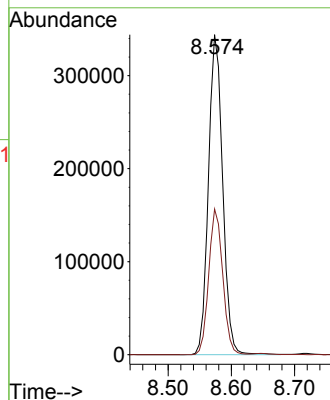
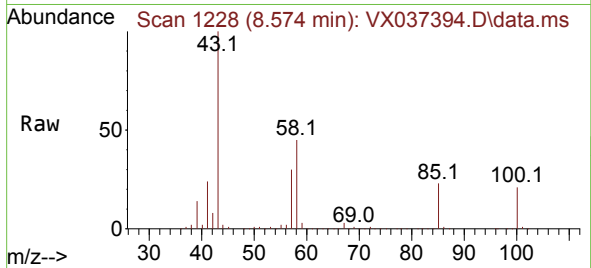




#51  
4-Methyl-2-Pentanone  
Concen: 322.511 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

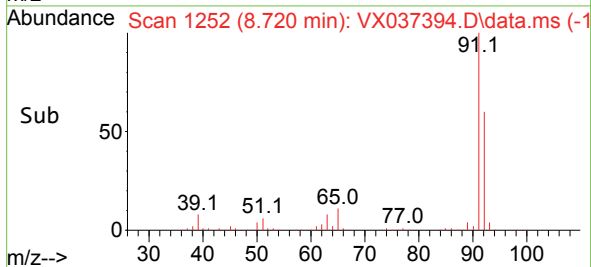
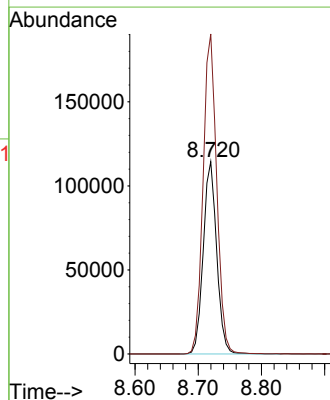
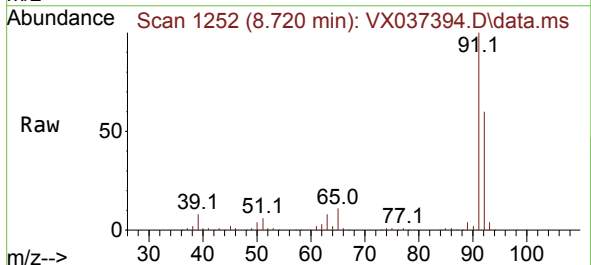
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

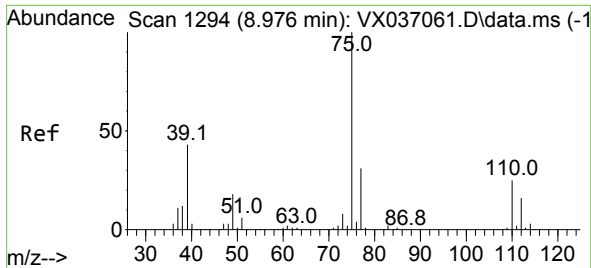
Tgt Ion: 43 Resp: 537342  
Ion Ratio Lower Upper  
43 100  
58 45.0 30.4 45.6



#52  
Toluene  
Concen: 52.845 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 92 Resp: 169422  
Ion Ratio Lower Upper  
92 100  
91 168.8 134.2 201.2

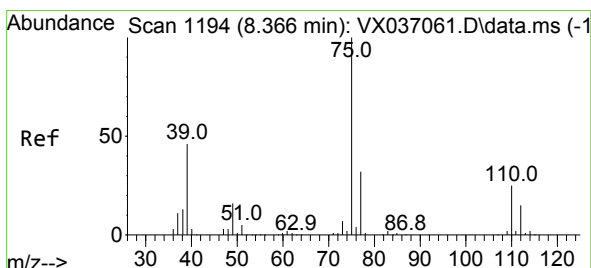
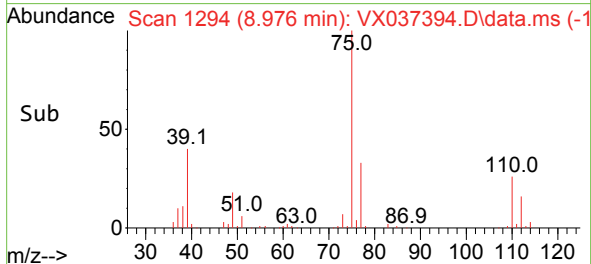
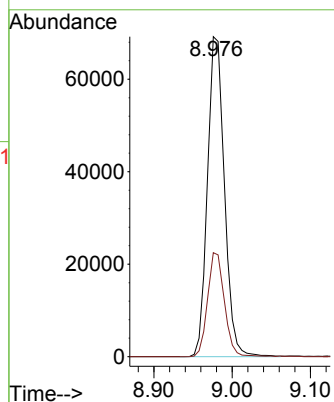
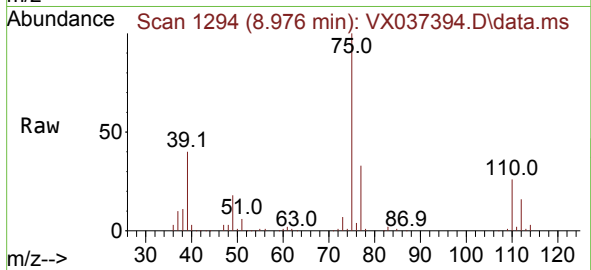




#53  
 t-1,3-Dichloropropene  
 Concen: 54.221 ug/l  
 RT: 8.976 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX037394.D  
 Acq: 30 Aug 2023 17:19

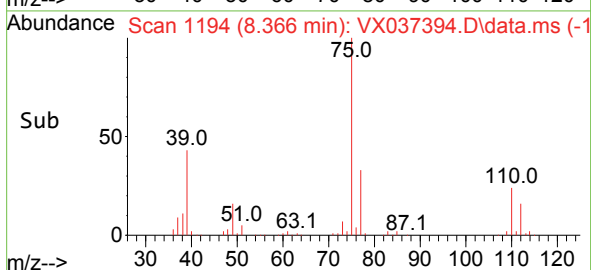
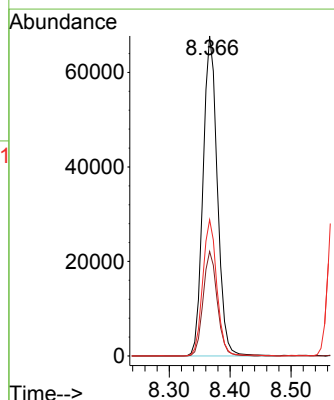
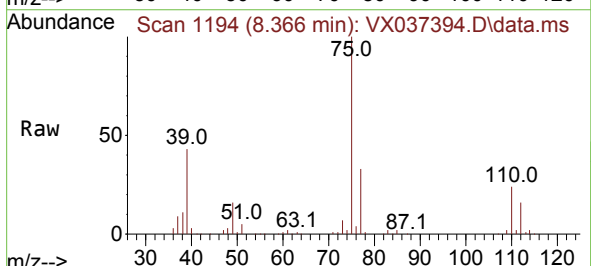
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-01-9.5-082923MS

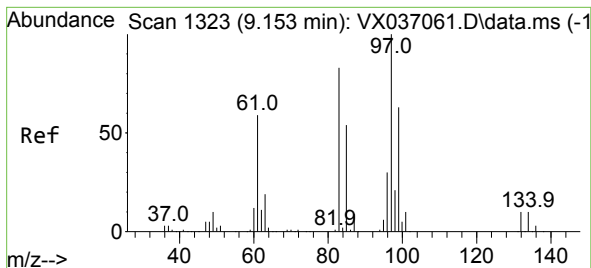
Tgt Ion: 75 Resp: 104223  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.347 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX037394.D  
 Acq: 30 Aug 2023 17:19

Tgt Ion: 75 Resp: 110812  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 25.3 37.9  
 39 42.6 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 62.676 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX037394.D

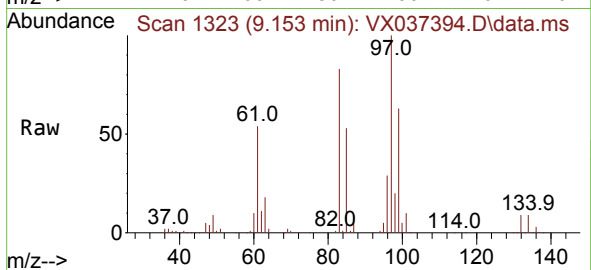
Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS



Tgt Ion: 97 Resp: 81822

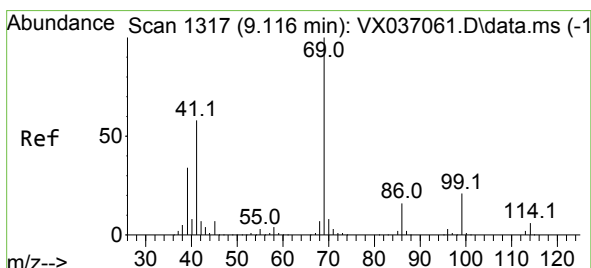
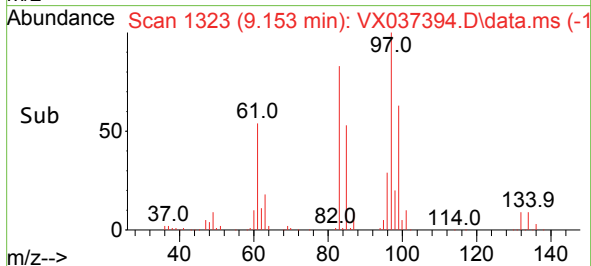
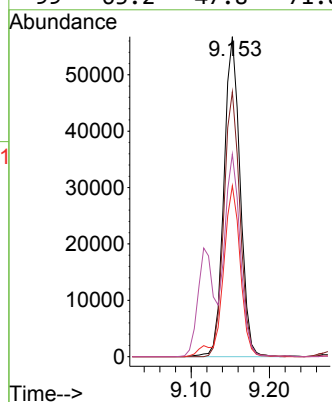
Ion Ratio Lower Upper

97 100

83 82.7 65.8 98.8

85 53.4 41.6 62.4

99 63.2 47.8 71.8



#56

Ethyl methacrylate

Concen: 61.771 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

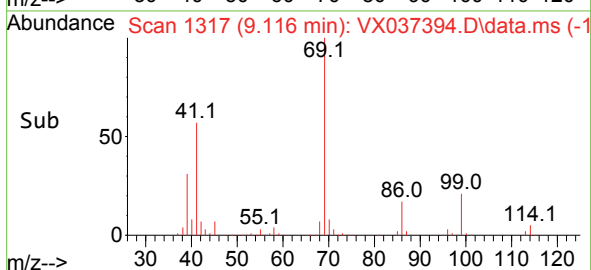
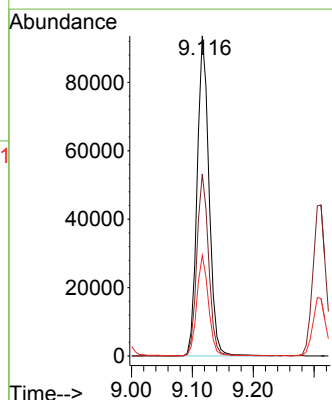
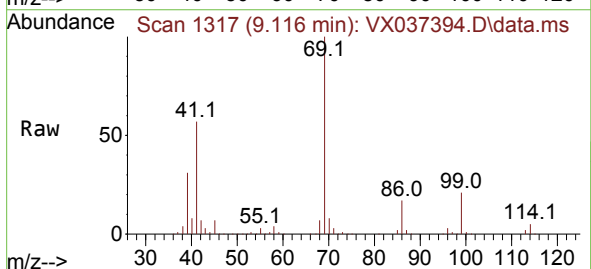
Tgt Ion: 69 Resp: 126311

Ion Ratio Lower Upper

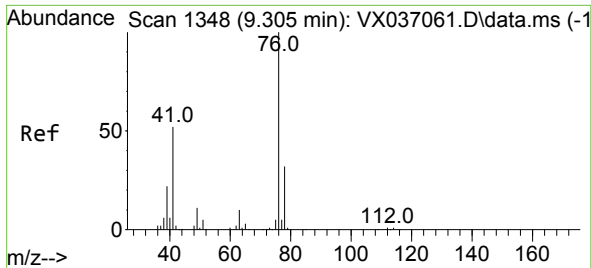
69 100

41 56.4 56.8 85.2#

39 30.9 32.0 48.0#







#57

1,3-Dichloropropane

Concen: 60.927 ug/l

RT: 9.311 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

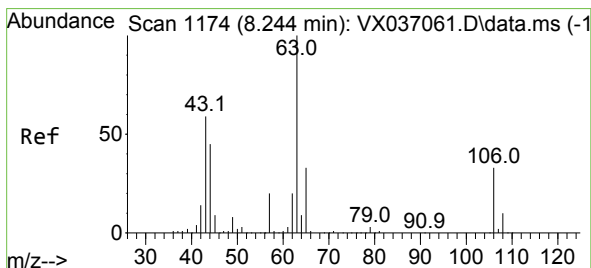
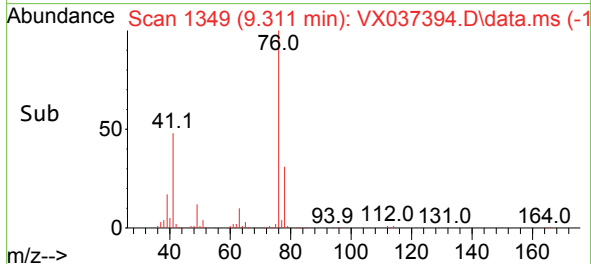
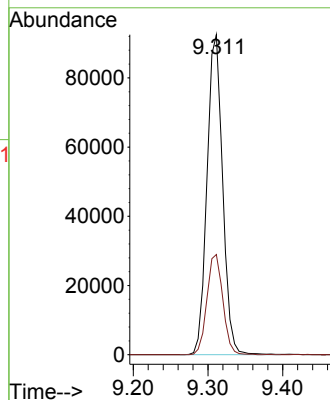
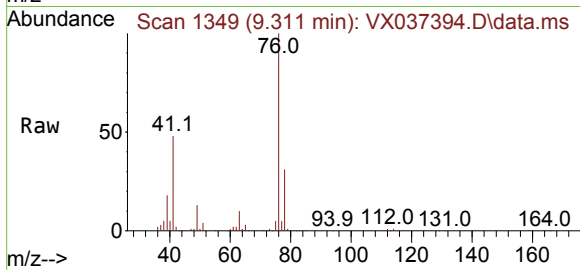
MW-01-9.5-082923MS

Tgt Ion: 76 Resp: 134083

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.554 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.122 min

Lab File: VX037394.D

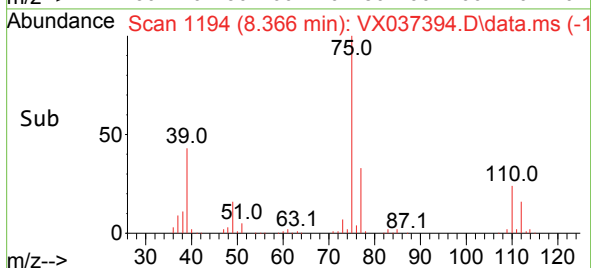
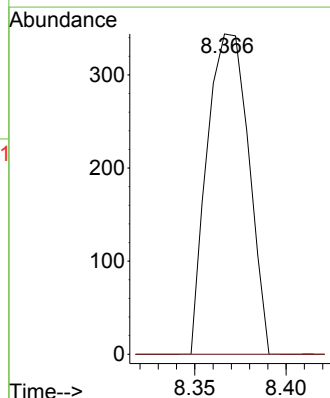
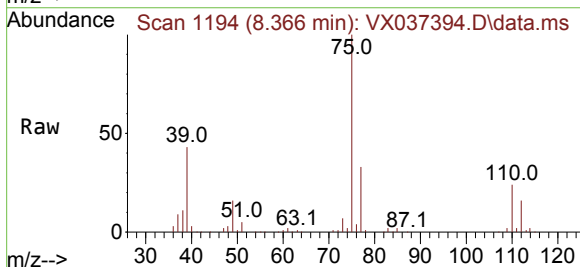
Acq: 30 Aug 2023 17:19

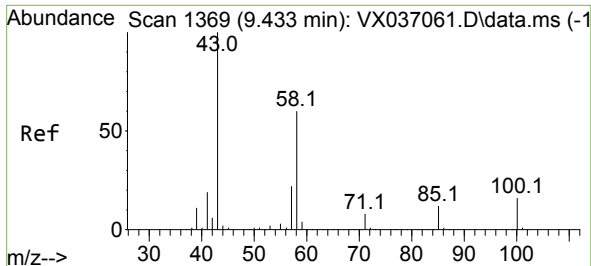
Tgt Ion: 63 Resp: 544

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#

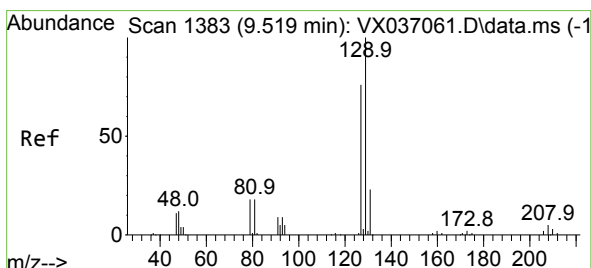
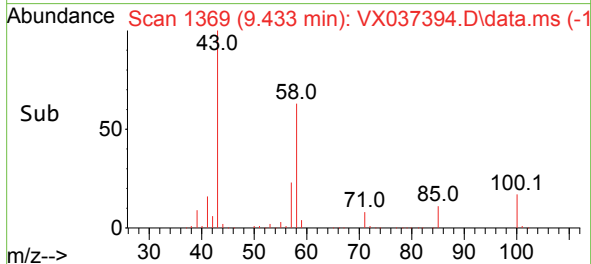
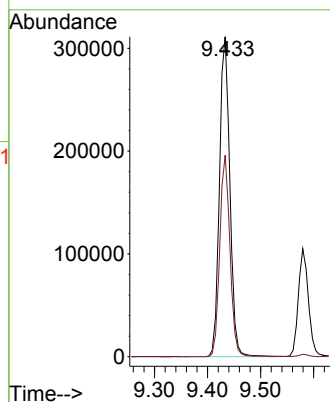
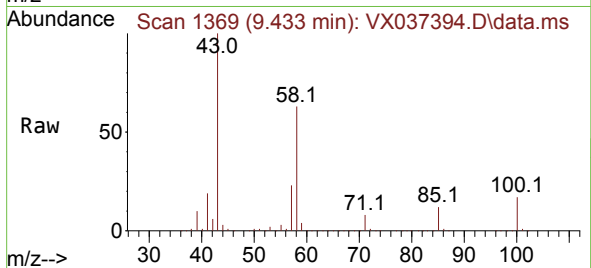




#59  
2-Hexanone  
Concen: 333.328 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

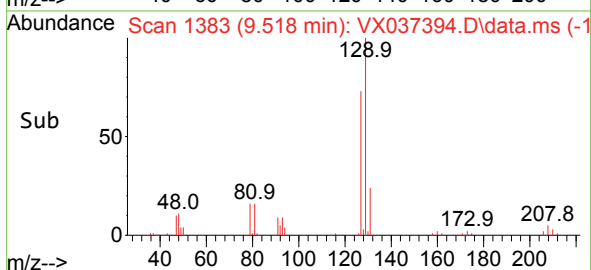
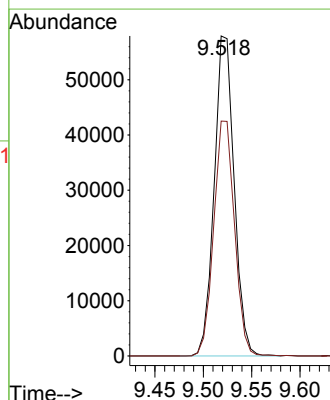
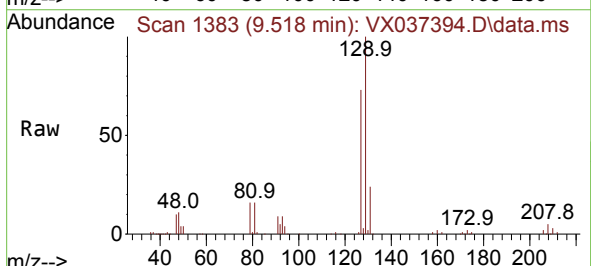
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

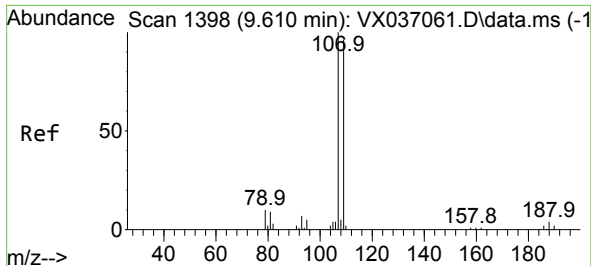
Tgt Ion: 43 Resp: 423452  
Ion Ratio Lower Upper  
43 100  
58 61.8 26.2 78.5



#60  
Dibromochloromethane  
Concen: 59.729 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 129 Resp: 83019  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.8 116.4

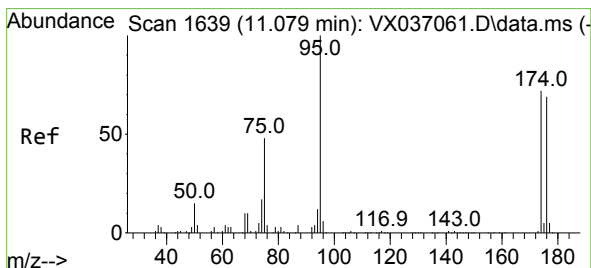
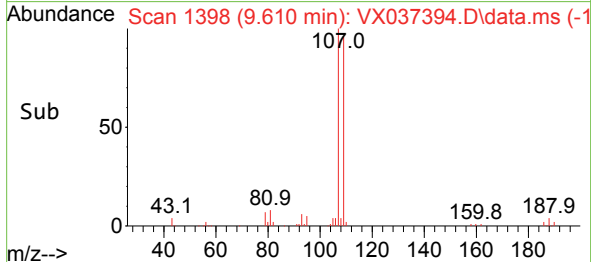
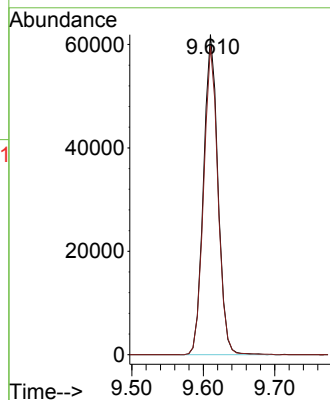
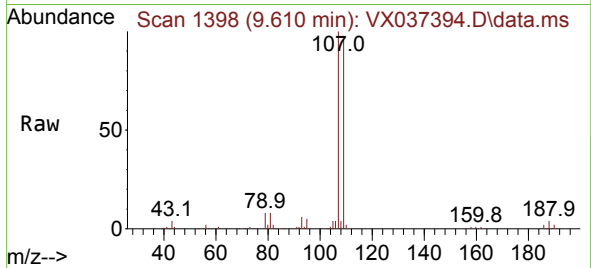




#61  
1,2-Dibromoethane  
Concen: 60.602 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

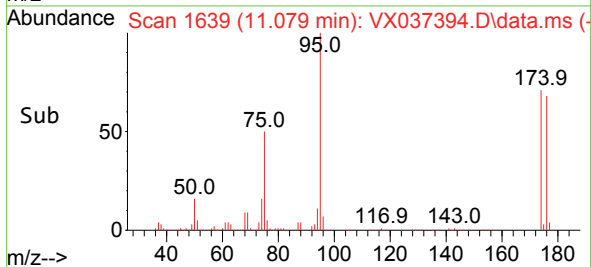
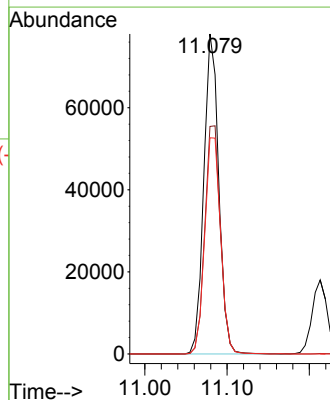
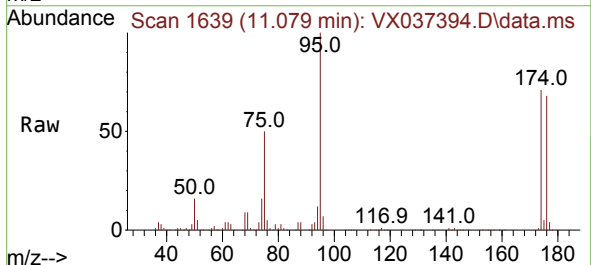
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

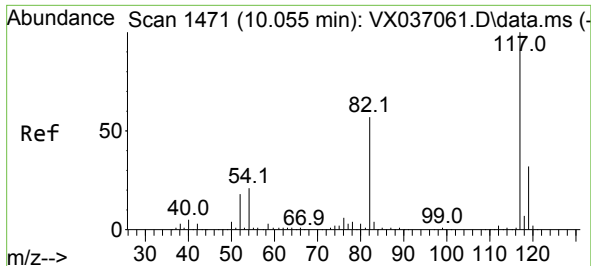
Tgt Ion:107 Resp: 86620  
Ion Ratio Lower Upper  
107 100  
109 95.7 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 57.742 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 95 Resp: 98020  
Ion Ratio Lower Upper  
95 100  
174 74.7 0.0 135.6  
176 72.3 0.0 131.0

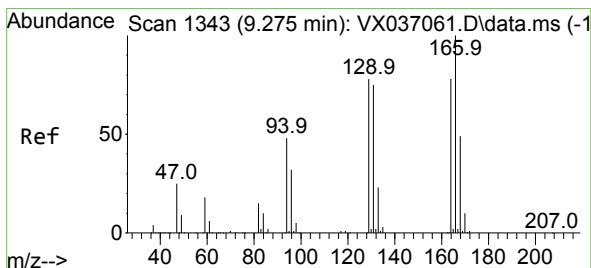
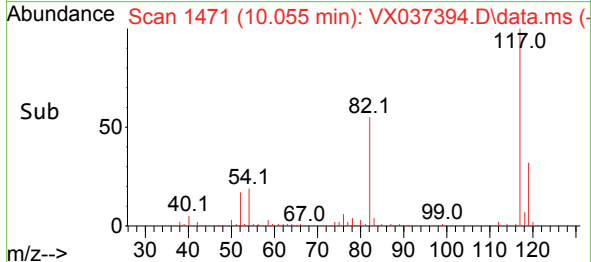
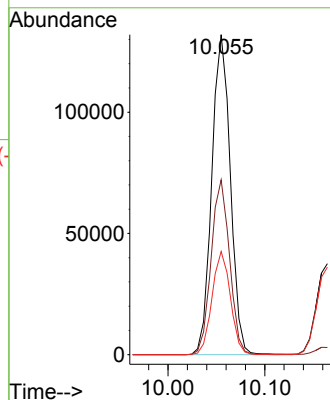
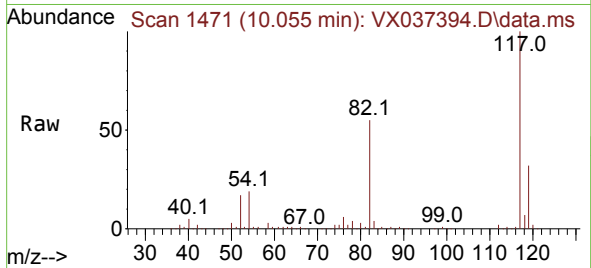




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

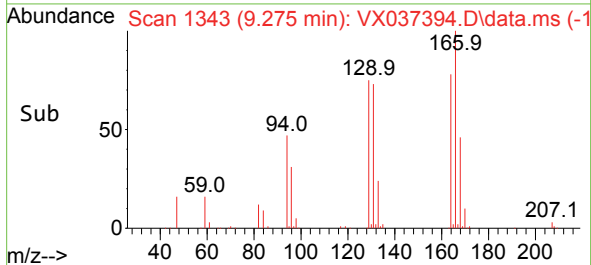
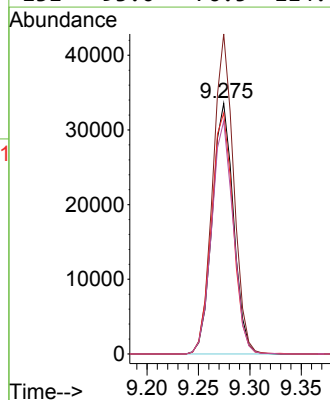
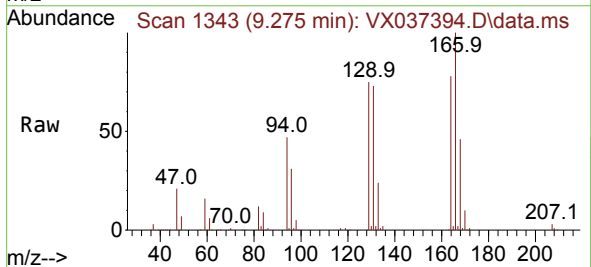
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

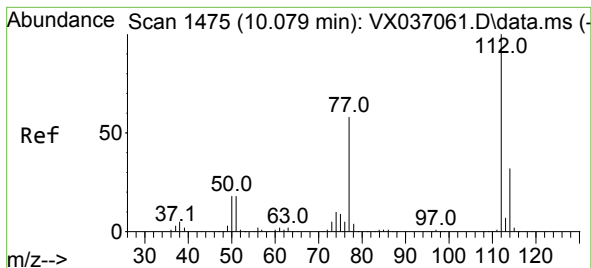
Tgt Ion:117 Resp: 176133  
Ion Ratio Lower Upper  
117 100  
82 54.7 46.2 69.4  
119 32.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 37.322 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion:164 Resp: 47956  
Ion Ratio Lower Upper  
164 100  
166 127.7 102.7 154.1  
129 96.2 80.4 120.6  
131 93.0 76.5 114.7

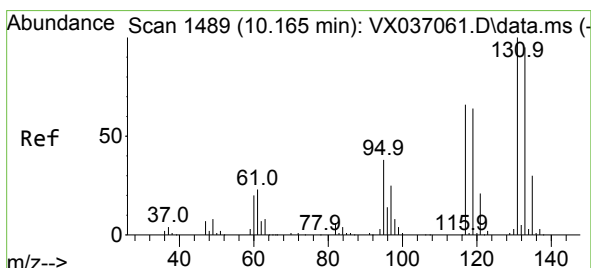
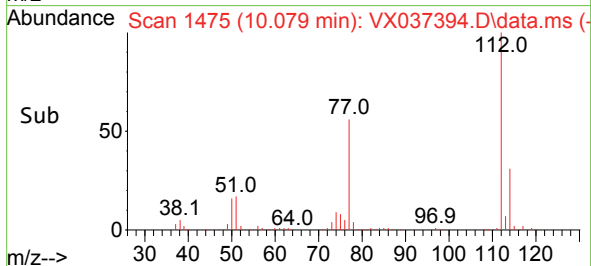
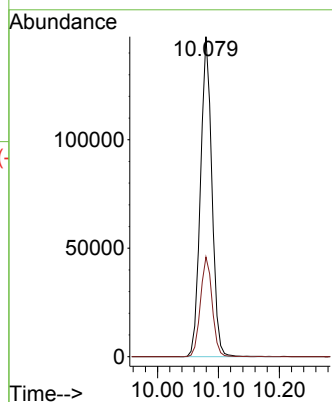
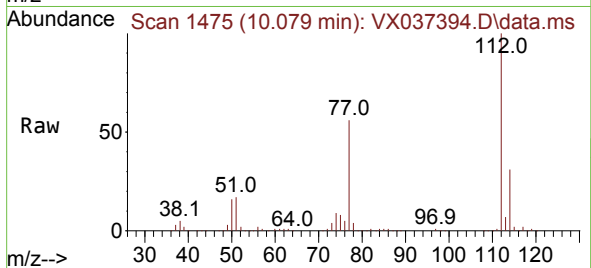




#65  
Chlorobenzene  
Concen: 51.550 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

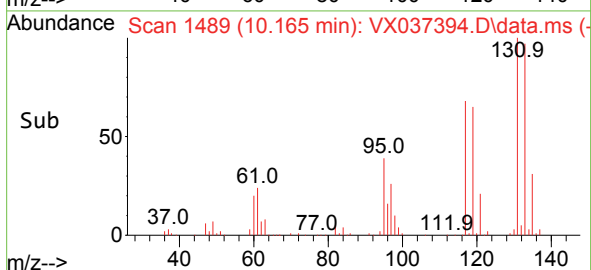
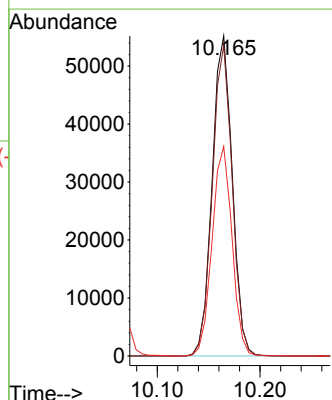
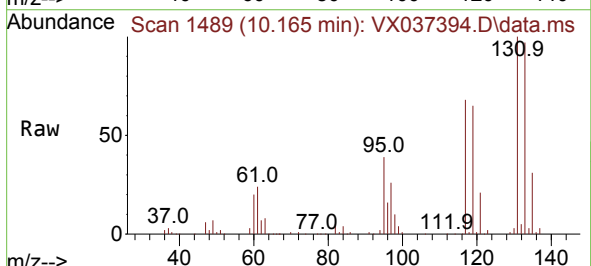
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

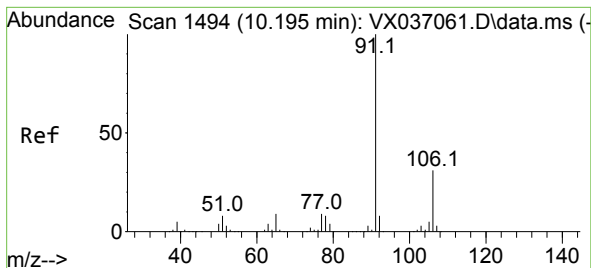
Tgt Ion:112 Resp: 191900  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.543 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion:131 Resp: 74939  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.1 141.4  
119 64.8 32.2 96.6





#67

Ethyl Benzene

Concen: 48.221 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

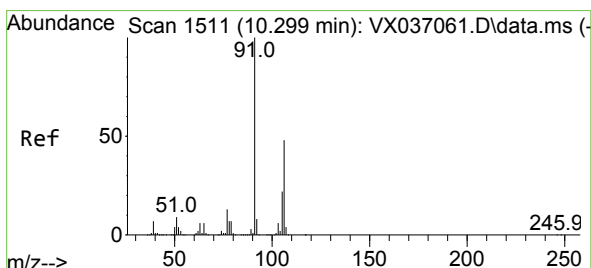
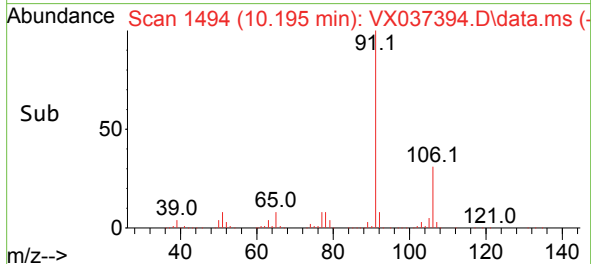
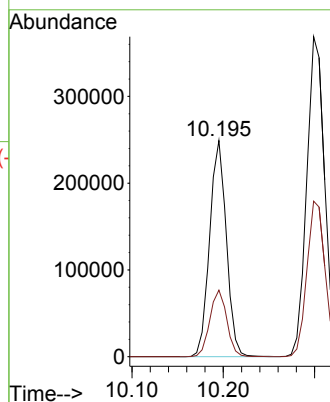
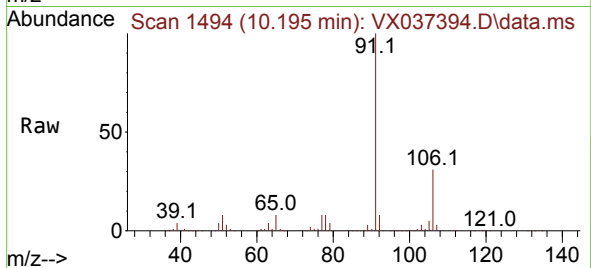
MW-01-9.5-082923MS

Tgt Ion: 91 Resp: 315871

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3



#68

m/p-Xylenes

Concen: 98.486 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX037394.D

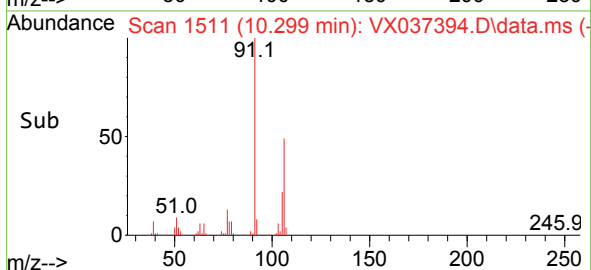
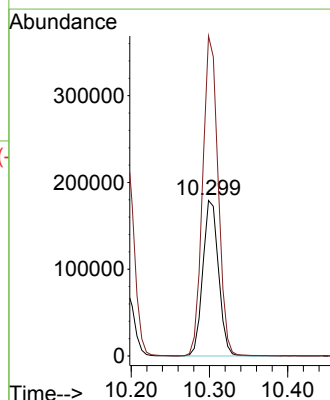
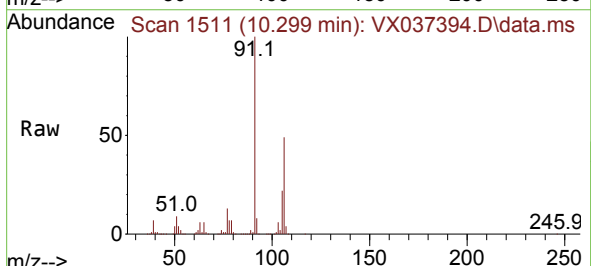
Acq: 30 Aug 2023 17:19

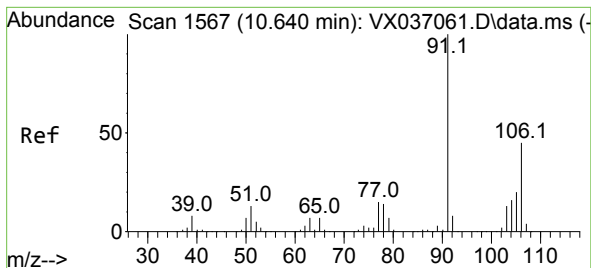
Tgt Ion: 106 Resp: 249130

Ion Ratio Lower Upper

106 100

91 202.7 165.5 248.3





#69

o-Xylene

Concen: 52.055 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

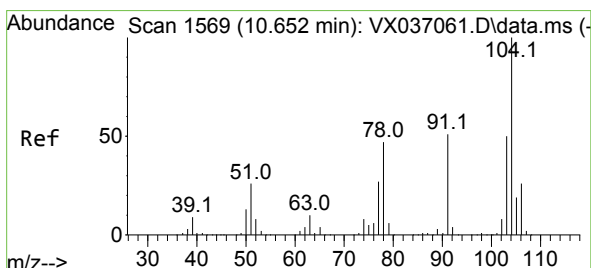
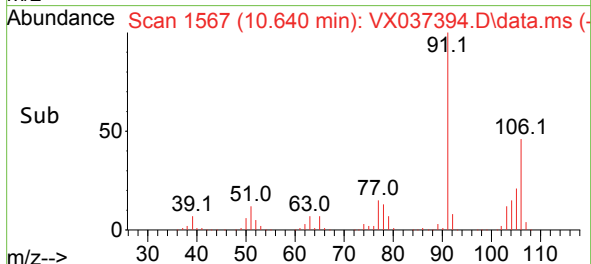
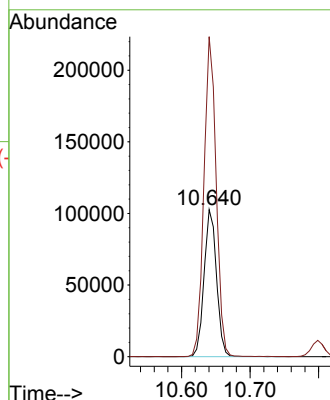
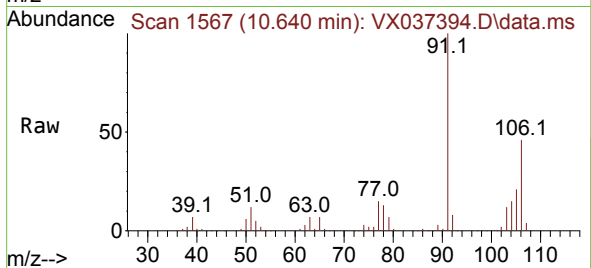
MW-01-9.5-082923MS

Tgt Ion:106 Resp: 129916

Ion Ratio Lower Upper

106 100

91 213.7 108.9 326.8



#70

Styrene

Concen: 53.976 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.007 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

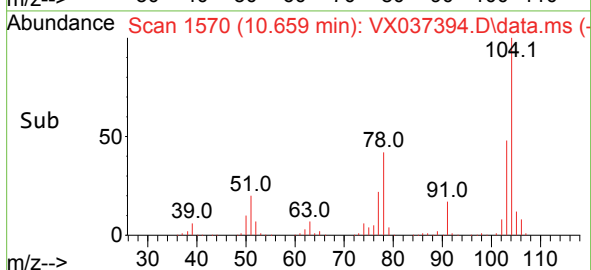
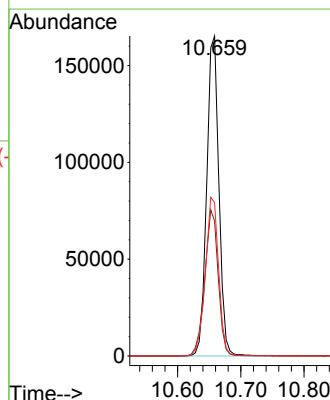
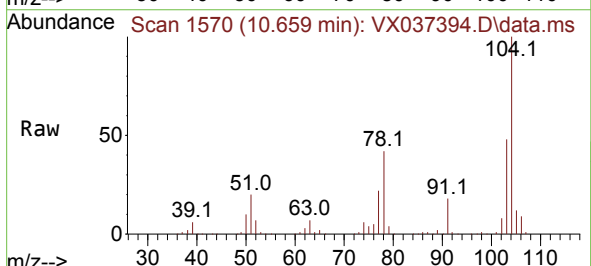
Tgt Ion:104 Resp: 221902

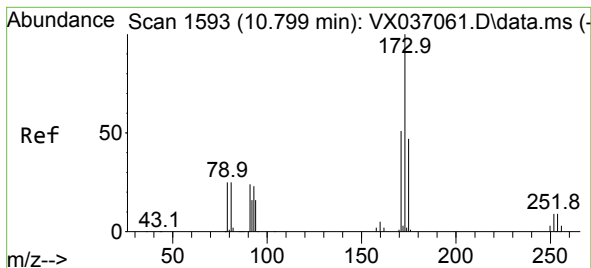
Ion Ratio Lower Upper

104 100

78 50.3 43.6 65.4

103 54.1 43.6 65.4





#71

Bromoform

Concen: 60.647 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS

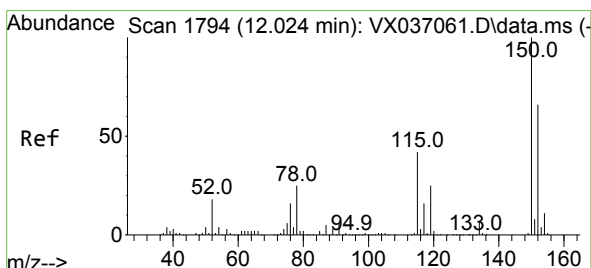
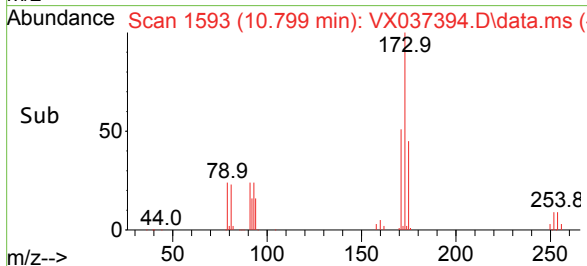
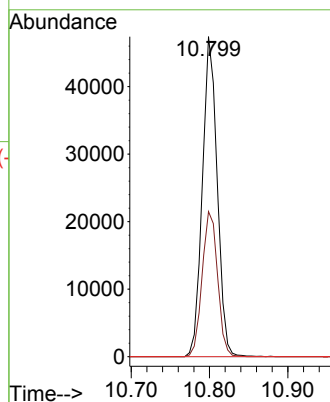
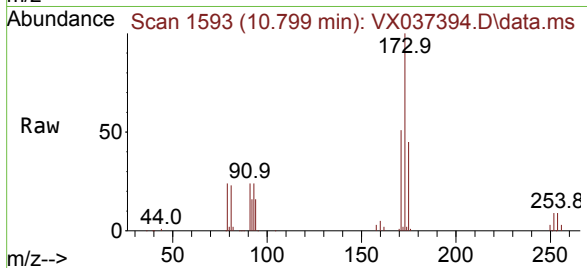
Tgt Ion:173 Resp: 62328

Ion Ratio Lower Upper

173 100

175 47.2 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: VX037394.D

Acq: 30 Aug 2023 17:19

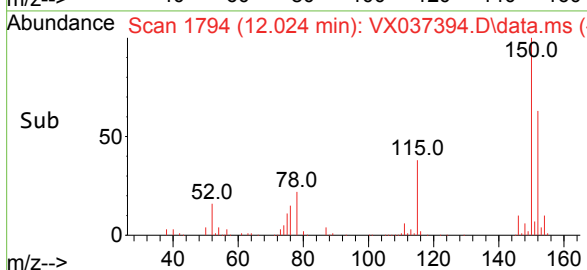
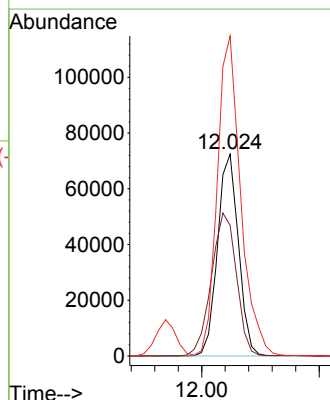
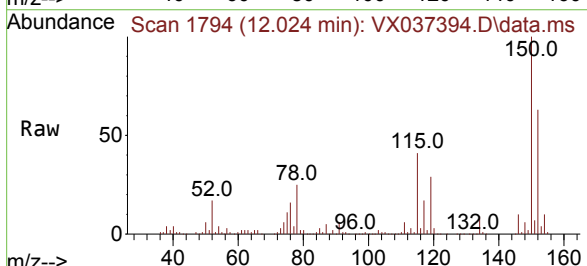
Tgt Ion:152 Resp: 89617

Ion Ratio Lower Upper

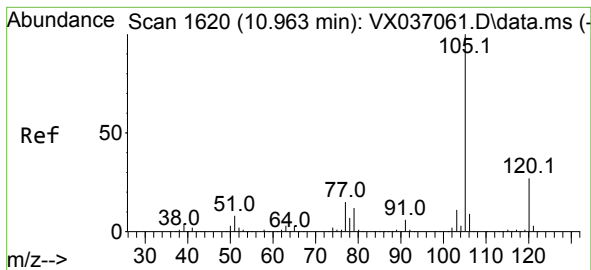
152 100

115 85.1 43.3 129.9

150 177.5 0.0 345.0







#73

Isopropylbenzene

Concen: 47.024 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

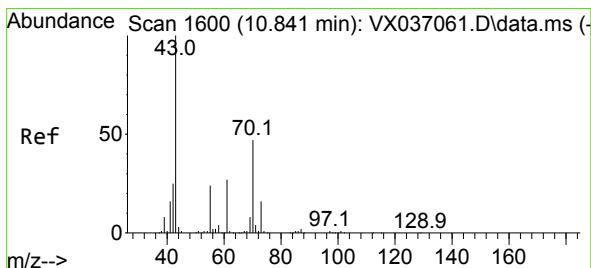
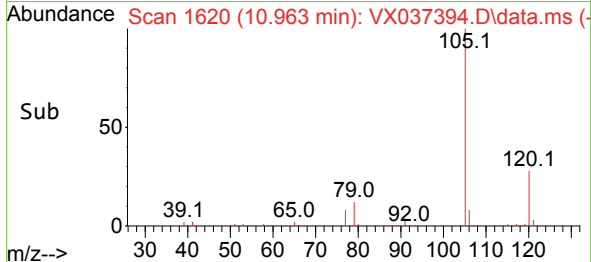
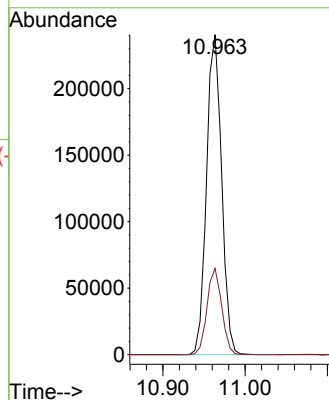
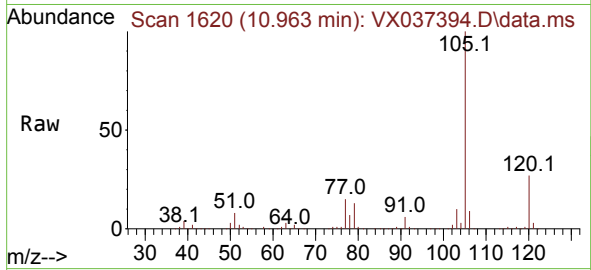
MW-01-9.5-082923MS

Tgt Ion:105 Resp: 306304

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 53.676 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Tgt Ion: 43 Resp: 135856

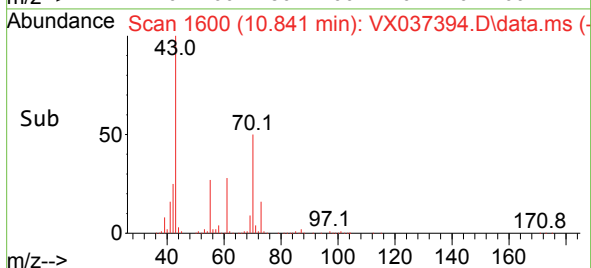
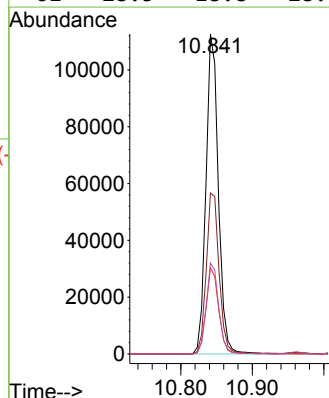
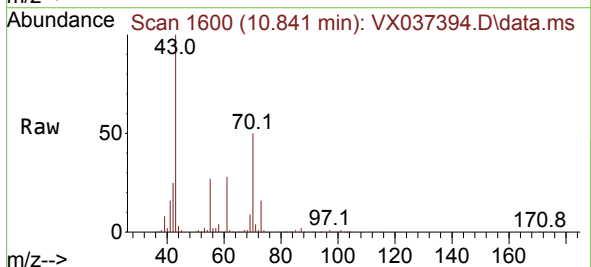
Ion Ratio Lower Upper

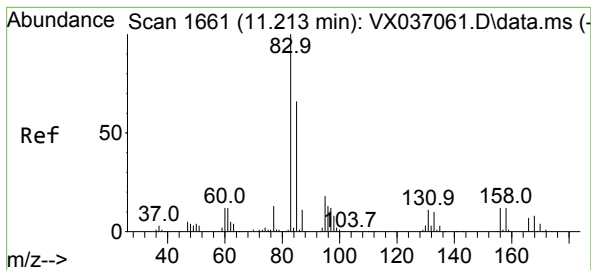
43 100

70 52.1 32.9 49.3#

55 27.5 19.3 28.9

61 28.5 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 62.269 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS

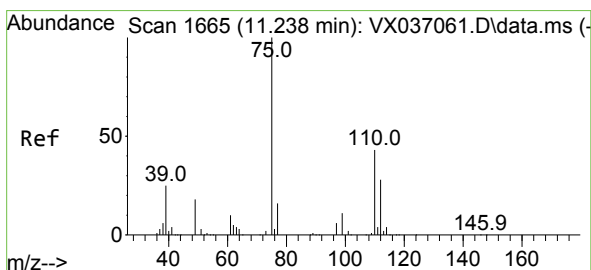
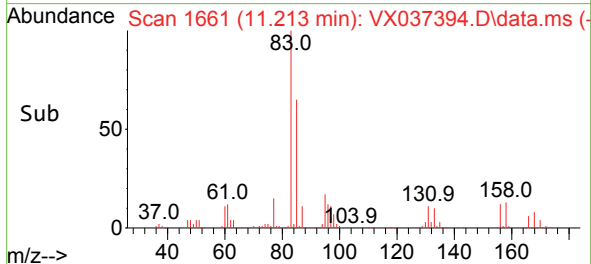
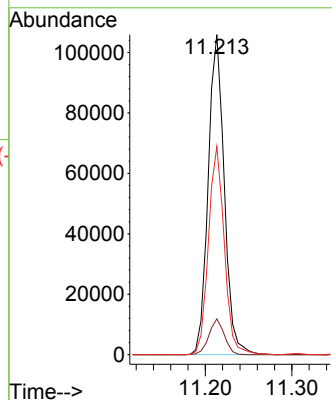
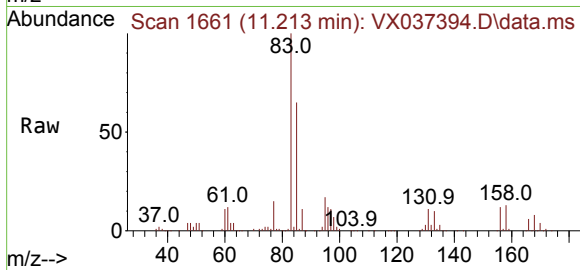
Tgt Ion: 83 Resp: 136599

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

85 64.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 76.195 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037394.D

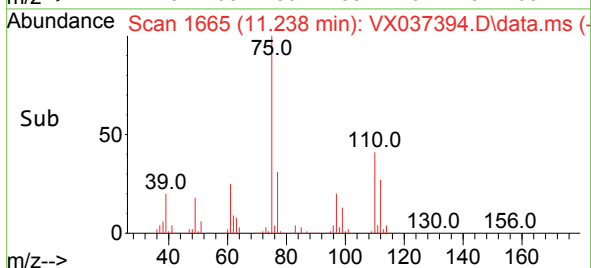
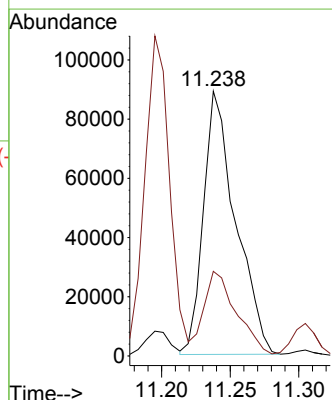
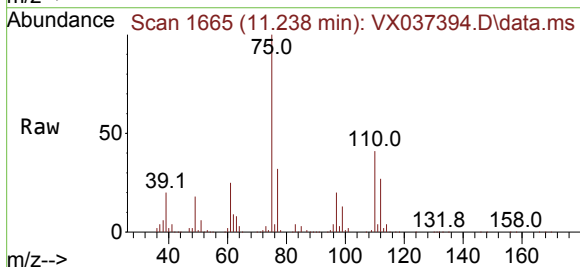
Acq: 30 Aug 2023 17:19

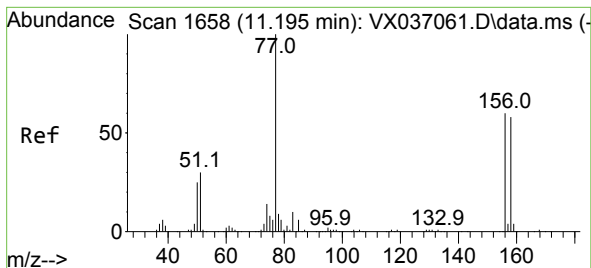
Tgt Ion: 75 Resp: 145422

Ion Ratio Lower Upper

75 100

77 32.9 19.1 57.5





#77

Bromobenzene

Concen: 54.195 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS

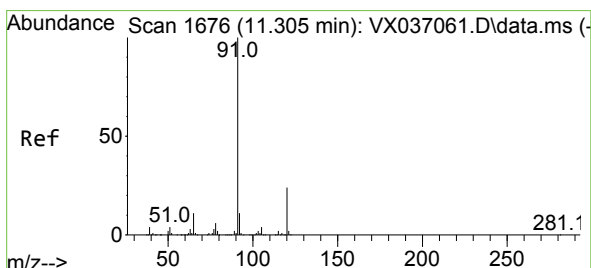
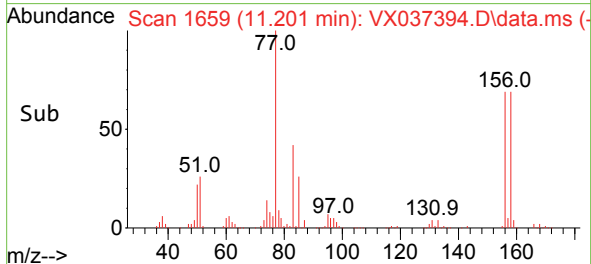
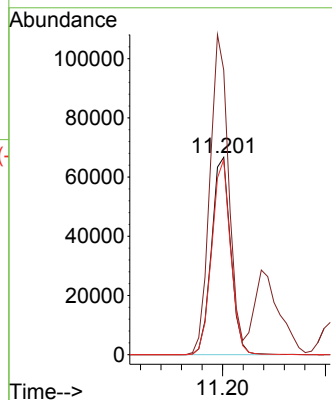
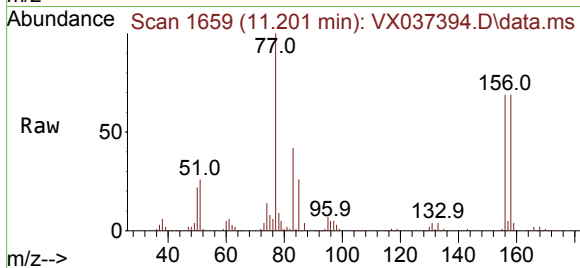
Tgt Ion:156 Resp: 86216

Ion Ratio Lower Upper

156 100

77 159.0 88.4 265.3

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 46.689 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037394.D

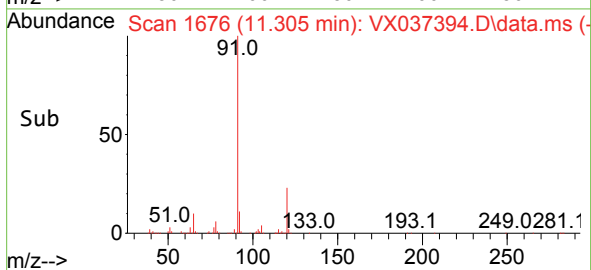
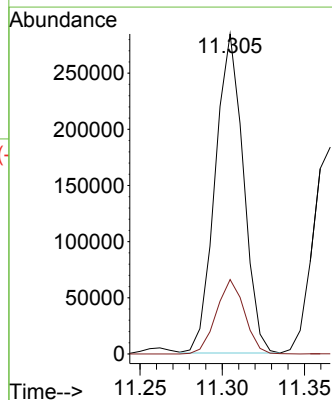
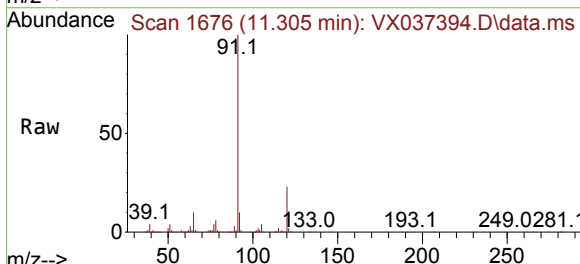
Acq: 30 Aug 2023 17:19

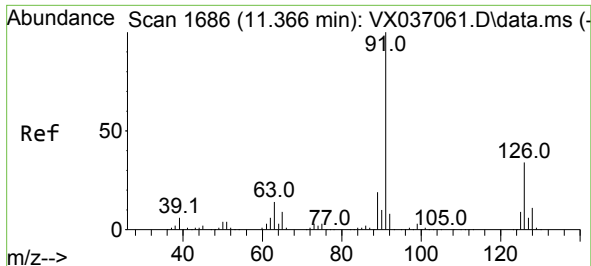
Tgt Ion: 91 Resp: 338646

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

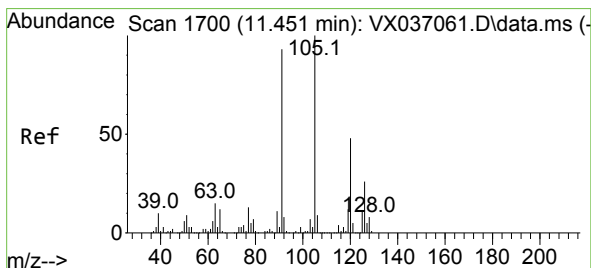
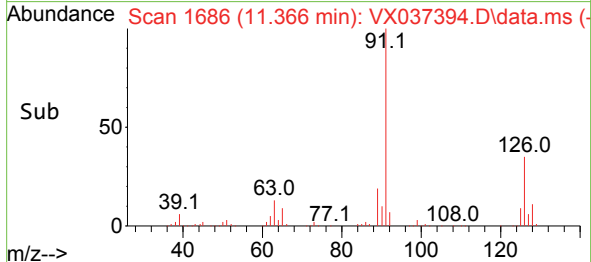
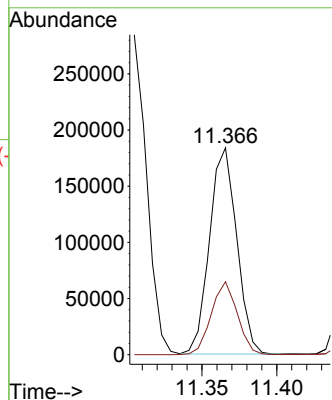
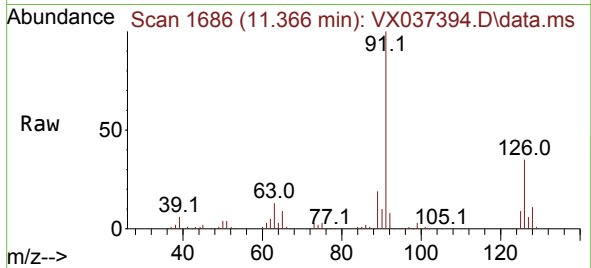




#79  
2-Chlorotoluene  
Concen: 50.211 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

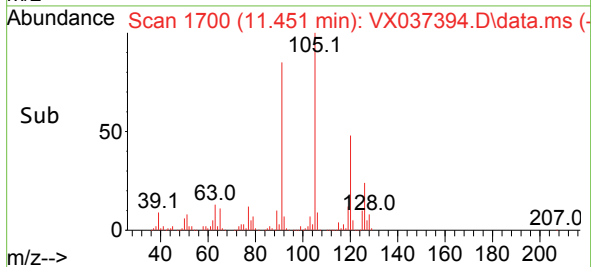
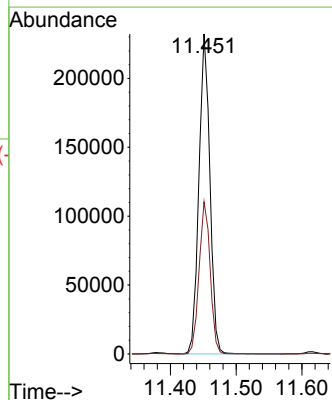
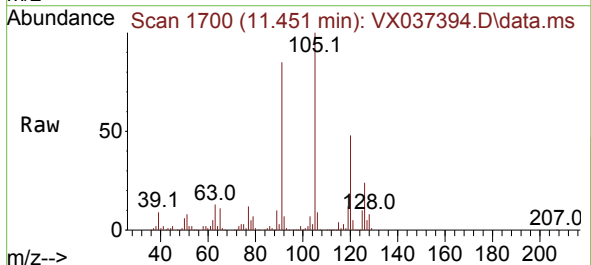
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

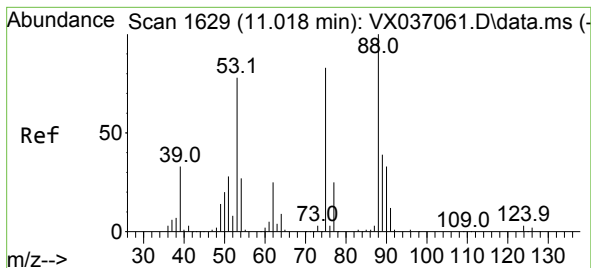
Tgt Ion: 91 Resp: 232733  
Ion Ratio Lower Upper  
91 100  
126 33.9 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 49.549 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 105 Resp: 269231  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.1 72.3

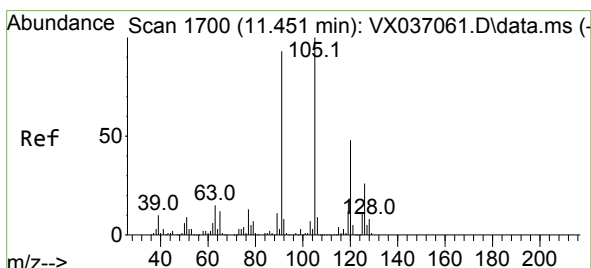
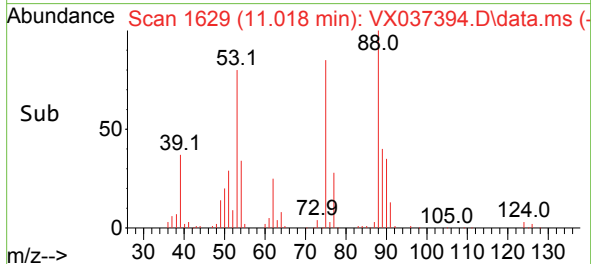
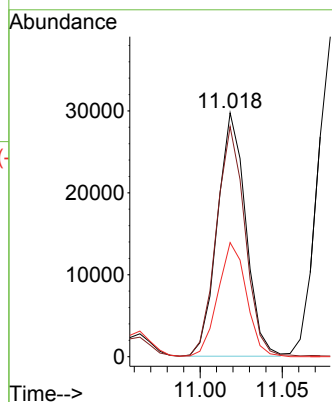
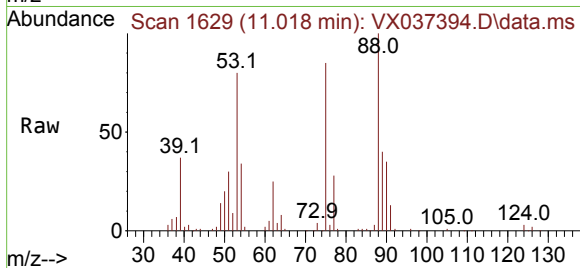




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.264 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

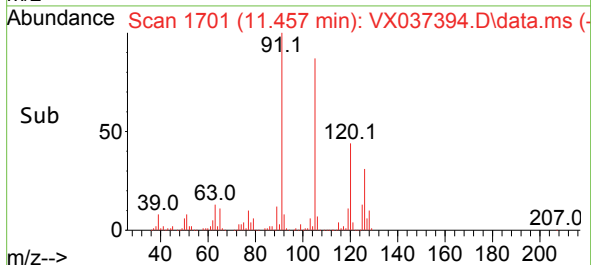
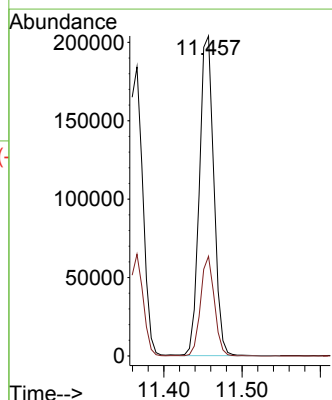
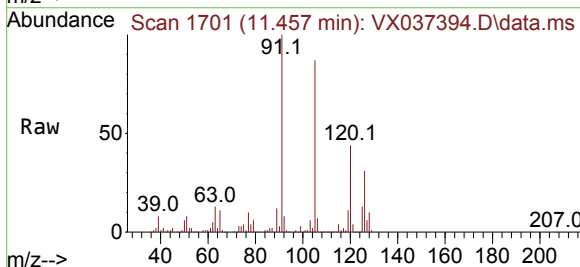
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

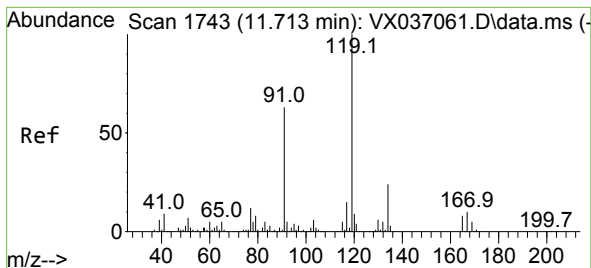
Tgt Ion: 75 Resp: 35713  
Ion Ratio Lower Upper  
75 100  
53 95.9 90.5 135.7  
89 47.2 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 48.885 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 91 Resp: 261558  
Ion Ratio Lower Upper  
91 100  
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.394 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS

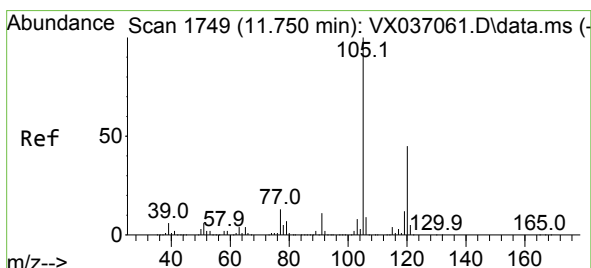
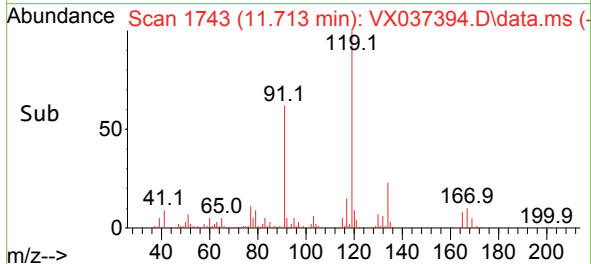
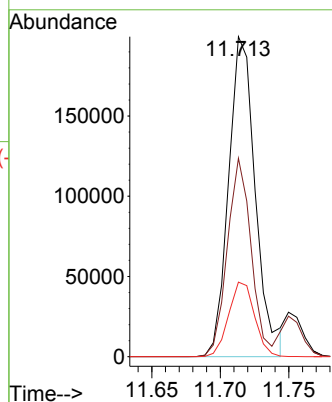
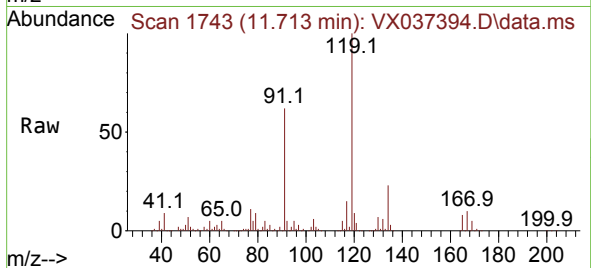
Tgt Ion:119 Resp: 271510

Ion Ratio Lower Upper

119 100

91 55.2 31.2 93.6

134 22.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 50.910 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037394.D

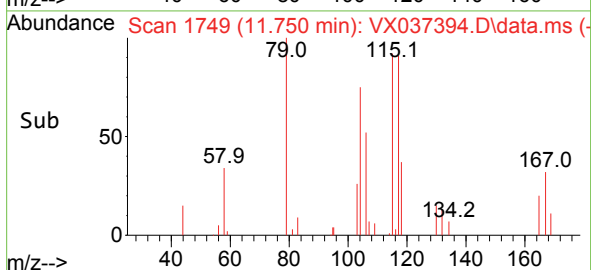
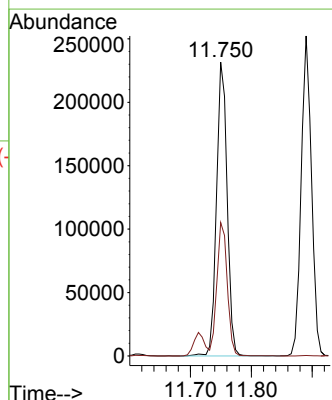
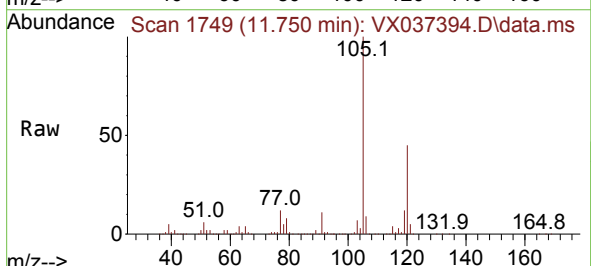
Acq: 30 Aug 2023 17:19

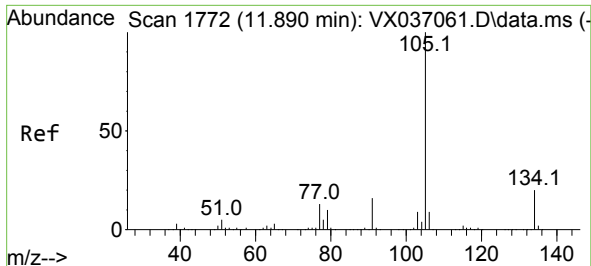
Tgt Ion:105 Resp: 279574

Ion Ratio Lower Upper

105 100

120 44.4 21.2 63.6

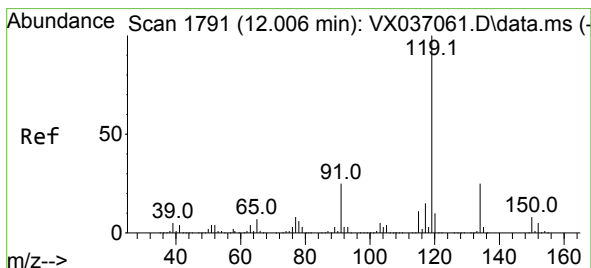
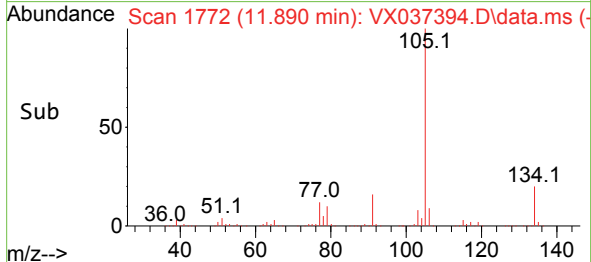
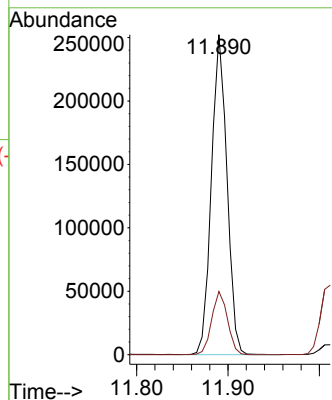
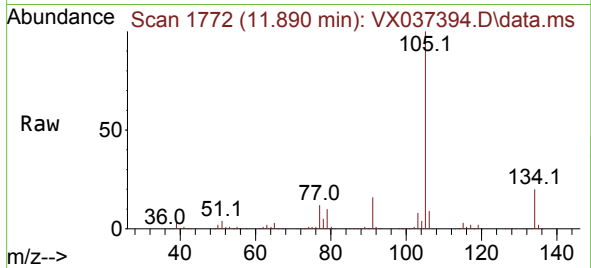




#85  
 sec-Butylbenzene  
 Concen: 49.107 ug/l  
 RT: 11.890 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX037394.D  
 Acq: 30 Aug 2023 17:19

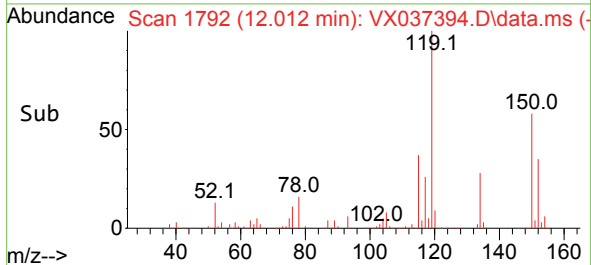
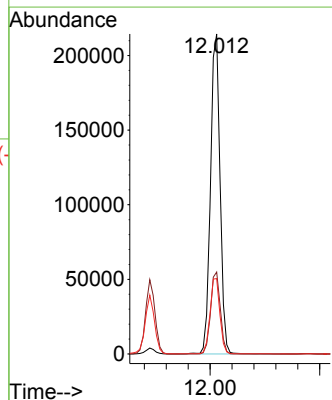
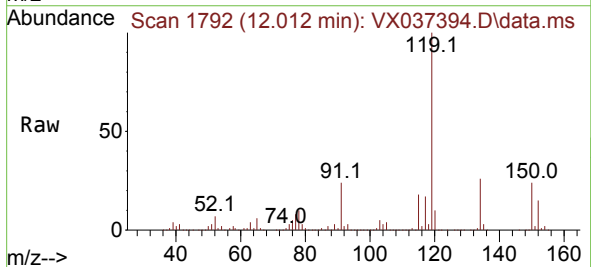
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-01-9.5-082923MS

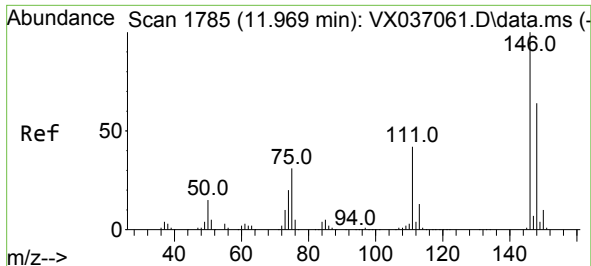
Tgt Ion:105 Resp: 297236  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 49.409 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX037394.D  
 Acq: 30 Aug 2023 17:19

Tgt Ion:119 Resp: 257449  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.8 38.3  
 91 24.5 13.1 39.3

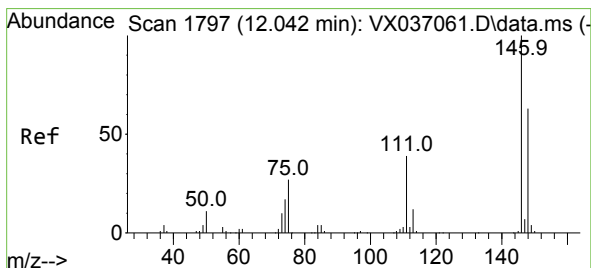
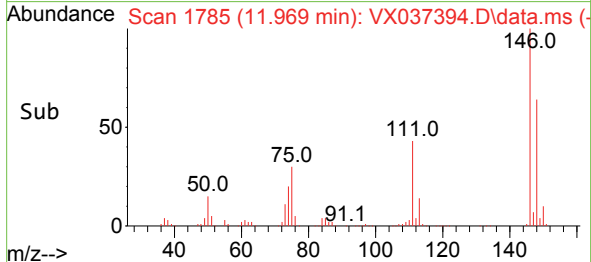
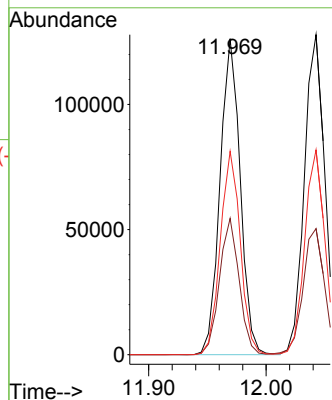
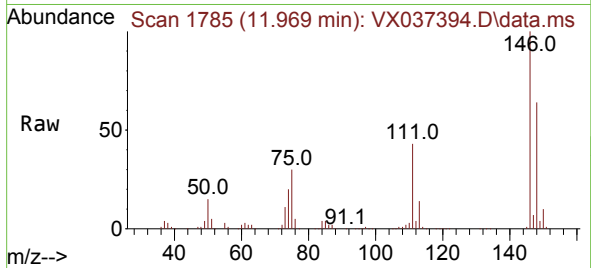




#87  
1,3-Dichlorobenzene  
Concen: 50.636 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

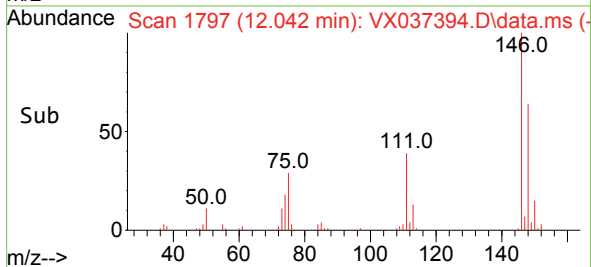
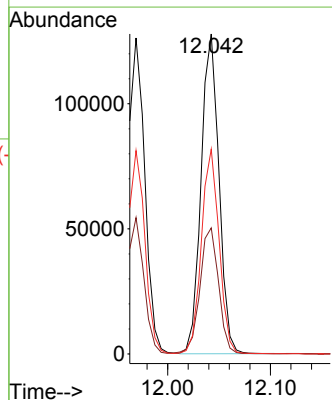
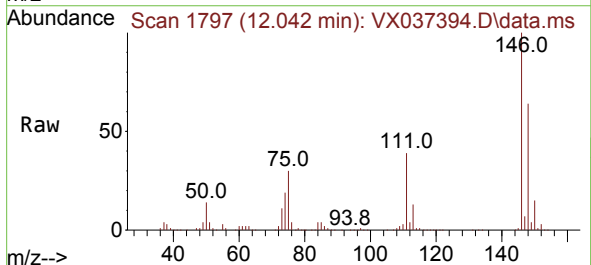
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

Tgt Ion:146 Resp: 150815  
Ion Ratio Lower Upper  
146 100  
111 42.2 22.1 66.1  
148 63.9 31.8 95.3

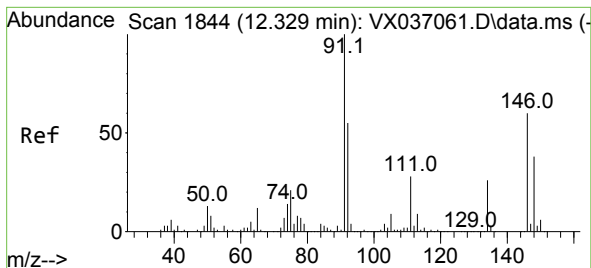


#88  
1,4-Dichlorobenzene  
Concen: 50.328 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion:146 Resp: 154867  
Ion Ratio Lower Upper  
146 100  
111 41.1 21.3 63.7  
148 63.5 31.8 95.4







#89

n-Butylbenzene

Concen: 45.707 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS

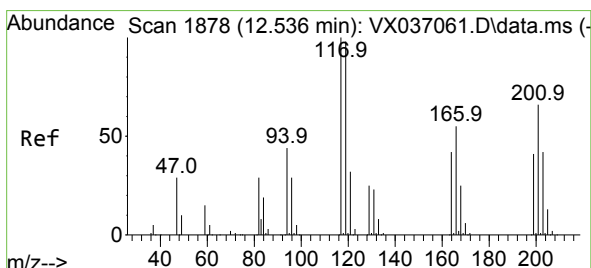
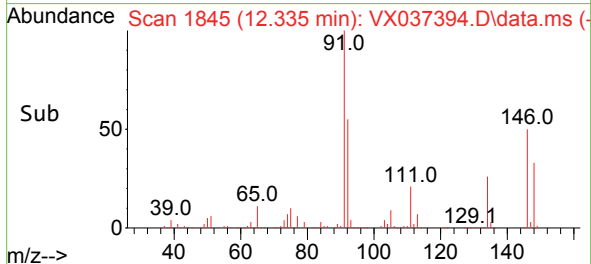
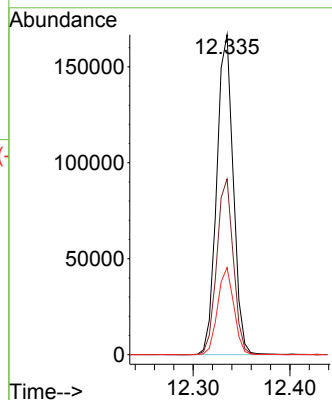
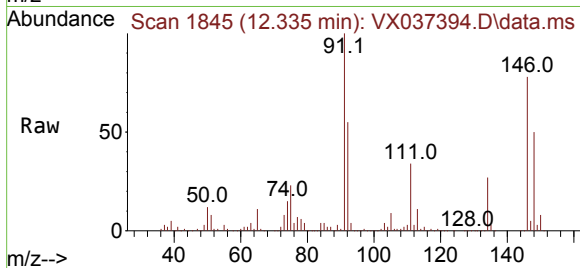
Tgt Ion: 91 Resp: 197454

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.0

134 26.8 12.6 37.8



#90

Hexachloroethane

Concen: 51.799 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037394.D

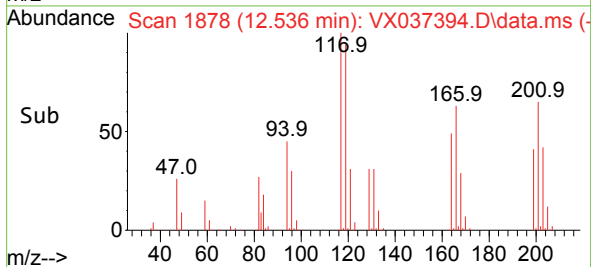
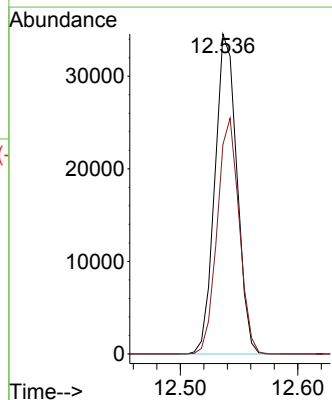
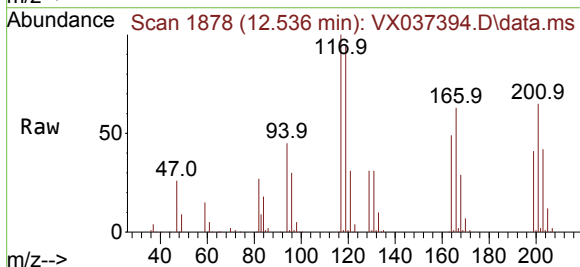
Acq: 30 Aug 2023 17:19

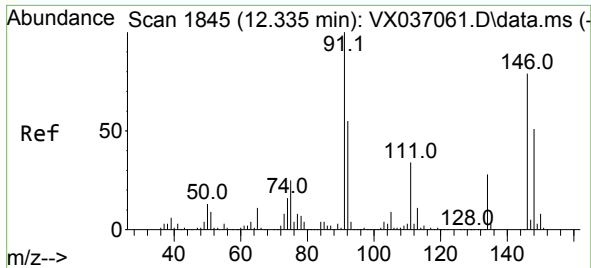
Tgt Ion: 117 Resp: 45049

Ion Ratio Lower Upper

117 100

201 73.4 32.9 98.6

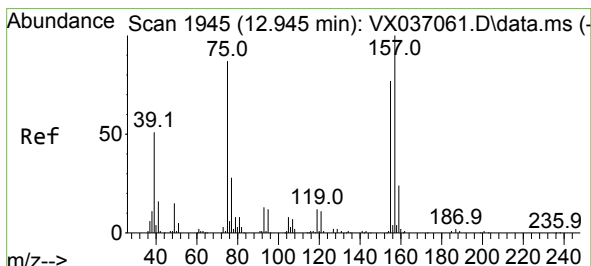
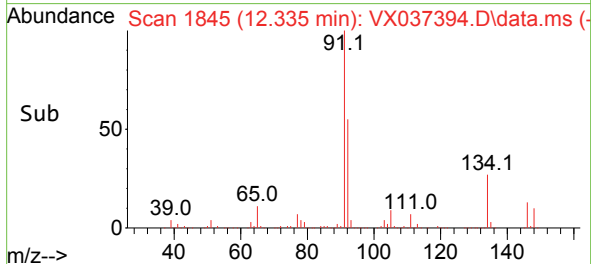
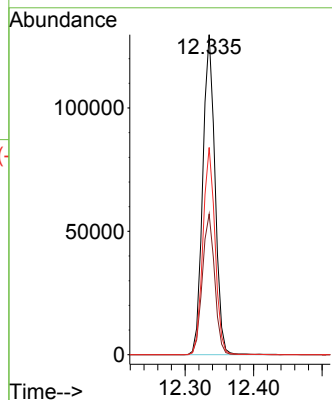
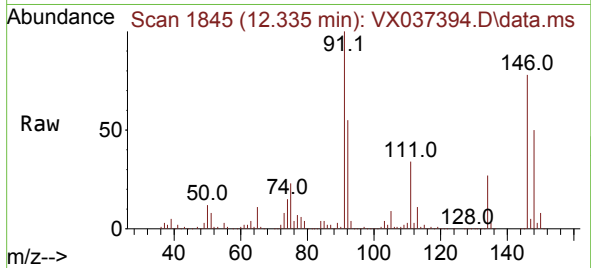




#91  
1,2-Dichlorobenzene  
Concen: 55.271 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

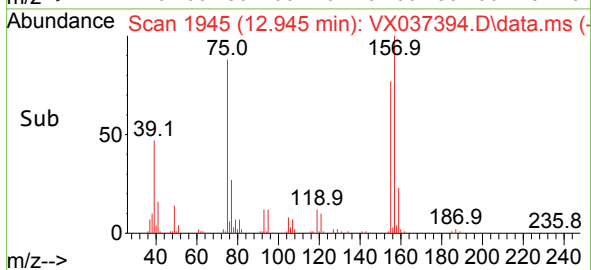
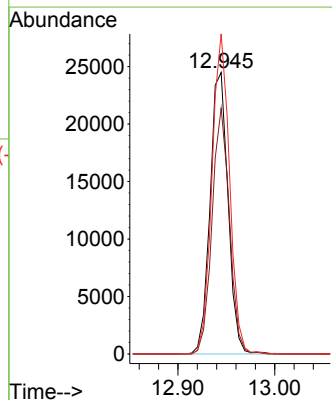
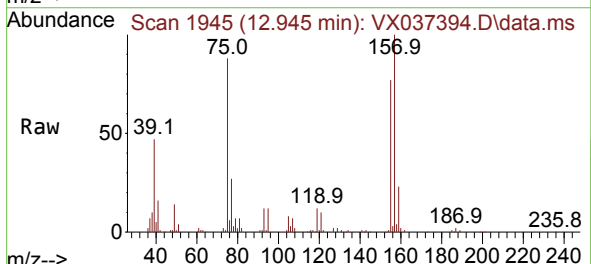
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01-9.5-082923MS

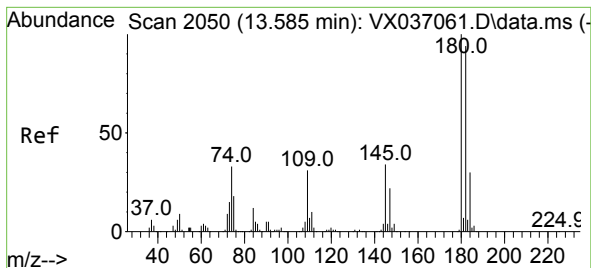
Tgt Ion:146 Resp: 161199  
Ion Ratio Lower Upper  
146 100  
111 44.3 22.4 67.0  
148 64.2 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 62.160 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX037394.D  
Acq: 30 Aug 2023 17:19

Tgt Ion: 75 Resp: 31684  
Ion Ratio Lower Upper  
75 100  
155 84.4 36.1 108.5  
157 111.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.913 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS

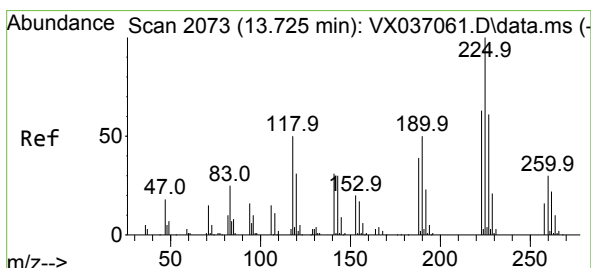
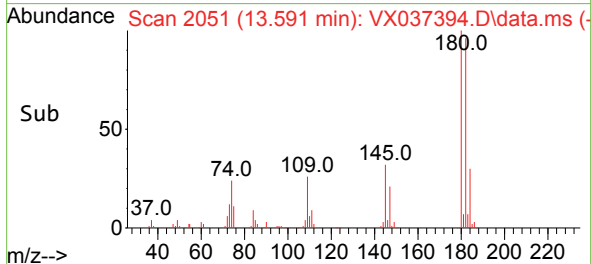
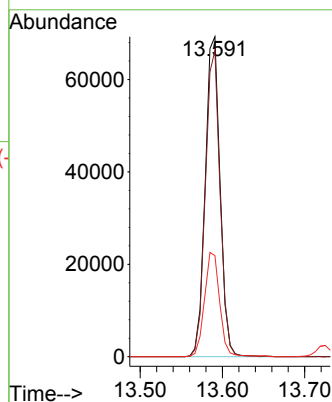
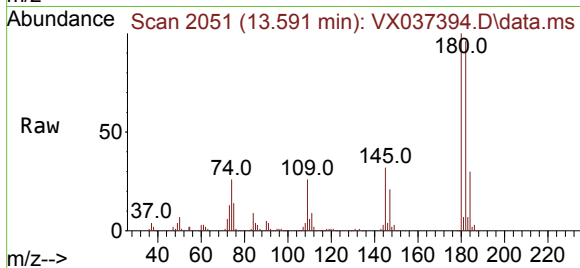
Tgt Ion:180 Resp: 86883

Ion Ratio Lower Upper

180 100

182 94.8 48.3 144.8

145 33.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 43.558 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

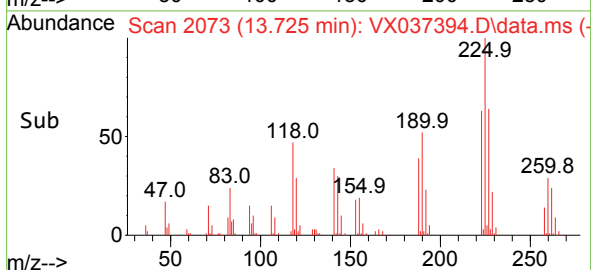
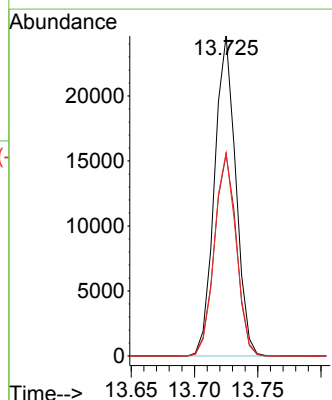
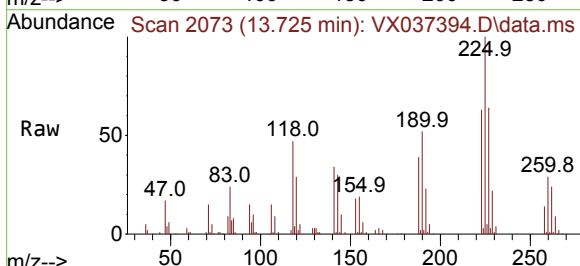
Tgt Ion:225 Resp: 28716

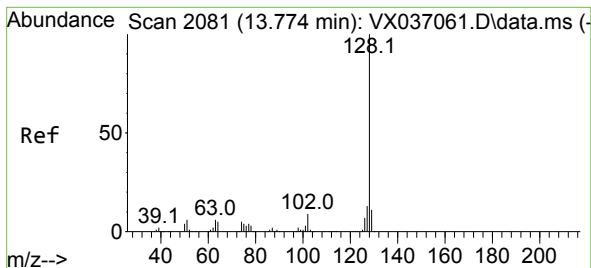
Ion Ratio Lower Upper

225 100

223 64.9 31.1 93.2

227 64.5 32.5 97.5





#95

Naphthalene

Concen: 49.541 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Instrument :

MSVOA\_X

ClientSampleId :

MW-01-9.5-082923MS

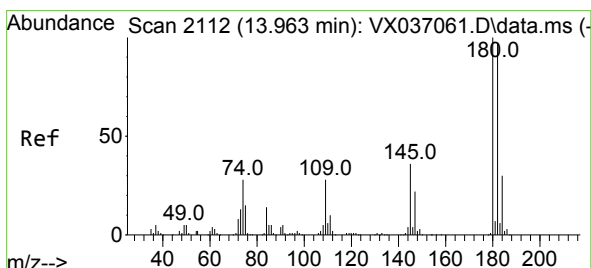
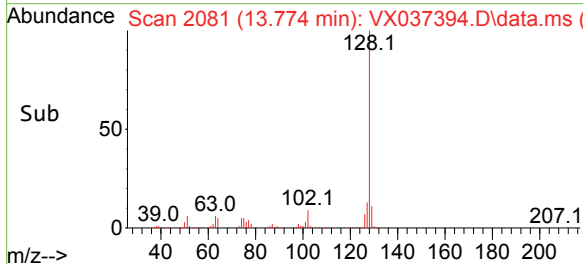
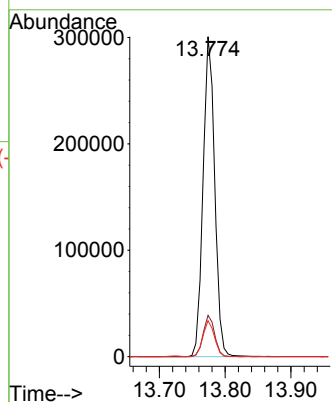
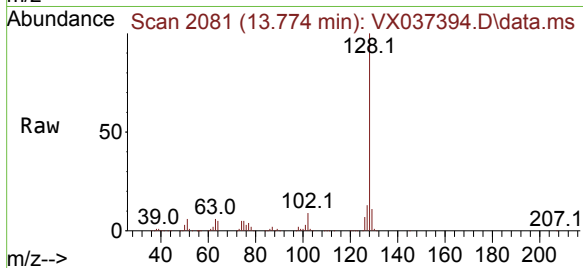
Tgt Ion:128 Resp: 370329

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 55.101 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037394.D

Acq: 30 Aug 2023 17:19

Tgt Ion:180 Resp: 93420

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.6

145 35.8 17.8 53.5

