

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080723\  
 Data File : VX036849.D  
 Acq On : 07 Aug 2023 20:05  
 Operator : JC/MD  
 Sample : 03903-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-01W

Quant Time: Aug 08 01:41:26 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 128225   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 234778   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 221835   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 105195   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 89656    | 47.255   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 94.520%  |
| 35) Dibromofluoromethane      | 5.391  | 113   | 75989    | 47.089   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 94.180%  |
| 50) Toluene-d8                | 8.646  | 98    | 286749   | 50.108   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 100.220% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 115328   | 53.416   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 106.840% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 7) Trichlorofluoromethane     | 2.105  | 101   | 779      | 0.322    | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo...  | 2.105  | 101   | 779      | 0.535    | ug/l # | 20       |
| 11) Tert butyl alcohol        | 2.965  | 59    | 348      | 0.775    | ug/l # | 78       |
| 13) Acrolein                  | 2.233  | 56    | 76       | 0.296    | ug/l # | 1        |
| 14) Allyl chloride            | 2.776  | 41    | 9410     | 3.328    | ug/l # | 67       |
| 15) Acrylonitrile             | 3.105  | 53    | 2001     | 2.215    | ug/l # | 40       |
| 16) Acetone                   | 2.379  | 43    | 7639     | 9.703    | ug/l   | 93       |
| 17) Carbon Disulfide          | 2.513  | 76    | 1716     | 0.433    | ug/l   | 96       |
| 18) Methyl Acetate            | 2.709  | 43    | 782      | 0.236    | ug/l # | 85       |
| 20) Methylene Chloride        | 2.788  | 84    | 834      | 0.476    | ug/l # | 45       |
| 25) 2-Butanone                | 4.580  | 43    | 2035     | 1.593    | ug/l # | 77       |
| 30) Chloroform                | 5.172  | 83    | 3513     | 1.141    | ug/l # | 27       |
| 31) Cyclohexane               | 5.495  | 56    | 9599     | 3.654    | ug/l # | 57       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 10449    | 4.344    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.549  | 117   | 13810    | 5.401    | ug/l # | 15       |
| 39) Methylcyclohexane         | 7.378  | 83    | 46755    | 15.633   | ug/l # | 86       |
| 41) Methacrylonitrile         | 4.952  | 41    | 411      | 0.282    | ug/l # | 49       |
| 43) Isopropyl Acetate         | 6.360  | 43    | 2588     | 0.552    | ug/l # | 62       |
| 44) Trichloroethene           | 7.135  | 130   | 816      | 0.446    | ug/l   | 80       |
| 45) 1,2-Dichloropropane       | 7.372  | 63    | 737      | 0.394    | ug/l # | 1        |
| 46) Dibromomethane            | 7.561  | 93    | 444      | 0.340    | ug/l # | 1        |
| 47) Bromodichloromethane      | 7.872  | 83    | 6407     | 2.387    | ug/l # | 26       |
| 48) Methyl methacrylate       | 7.702  | 41    | 1602     | 0.735    | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 8.598  | 43    | 9981     | 3.849    | ug/l # | 42       |
| 55) 1,1,2-Trichloroethane     | 9.104  | 97    | 97073    | 52.665   | ug/l # | 20       |
| 56) Ethyl methacrylate        | 9.104  | 69    | 21317    | 7.102    | ug/l # | 3        |
| 59) 2-Hexanone                | 9.238  | 43    | 1046     | 0.543    | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.274  | 164   | 332      | 0.201    | ug/l # | 74       |
| 67) Ethyl Benzene             | 10.195 | 91    | 5397     | 0.604    | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106   | 1521     | 0.456    | ug/l # | 36       |
| 69) o-Xylene                  | 10.646 | 106   | 796      | 0.239    | ug/l   | 93       |
| 73) Isopropylbenzene          | 10.963 | 105   | 71968    | 8.267    | ug/l   | 99       |
| 74) N-amyl acetate            | 10.853 | 43    | 3711     | 0.914    | ug/l # | 1        |
| 75) 1,1,2,2-Tetrachloroethane | 11.219 | 83    | 2928     | 0.996    | ug/l # | 37       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 58244    | 23.540   | ug/l # | 38       |
| 78) n-propylbenzene           | 11.305 | 91    | 76693    | 7.617    | ug/l   | 99       |

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 ClientSampleId :  
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 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

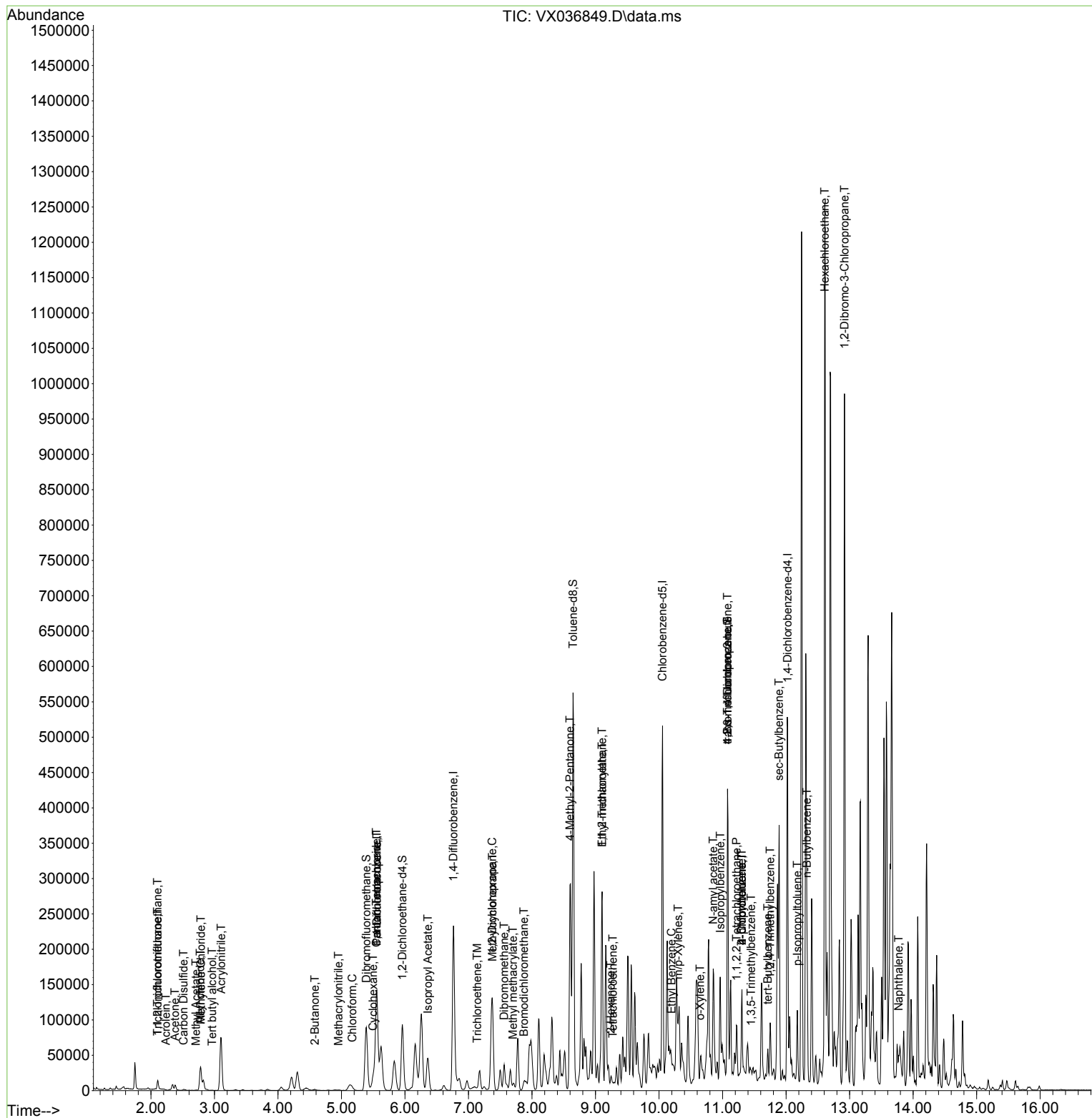
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 79) 2-Chlorotoluene           | 11.305 | 91   | 76693    | 12.570 | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1795     | 0.246  | ug/l   | 79       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 58244    | 53.354 | ug/l # | 5        |
| 82) 4-Chlorotoluene           | 11.305 | 91   | 76693    | 11.033 | ug/l # | 46       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 13210    | 1.846  | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 27907    | 3.831  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 181457   | 20.336 | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 12.176 | 119  | 43810    | 5.967  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 119053   | 18.114 | ug/l # | 67       |
| 90) Hexachloroethane          | 12.609 | 117  | 50748    | 34.095 | ug/l # | 17       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 3200     | 4.683  | ug/l # | 9        |
| 95) Naphthalene               | 13.774 | 128  | 26363    | 3.465  | ug/l # | 85       |
| -----                         |        |      |          |        |        |          |

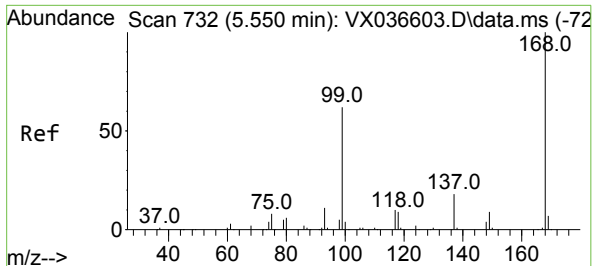
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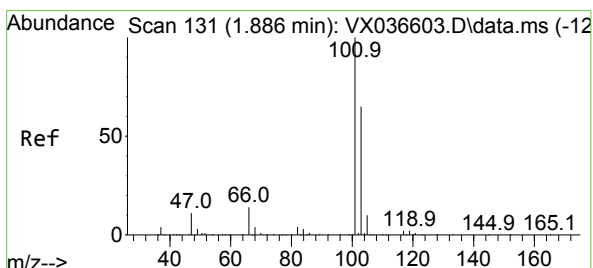
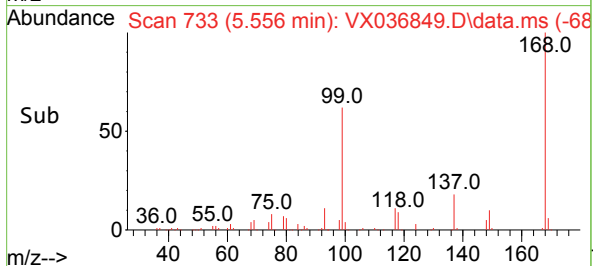
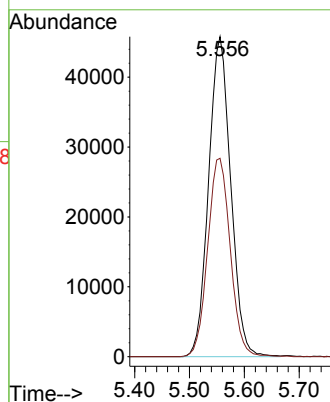
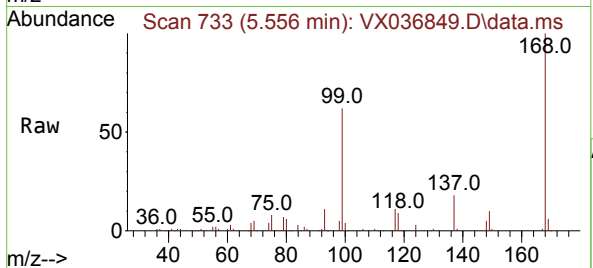




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

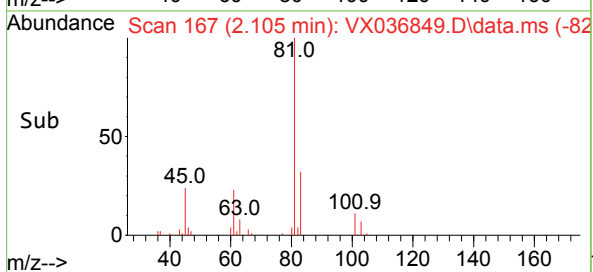
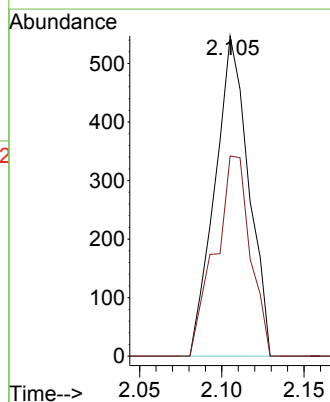
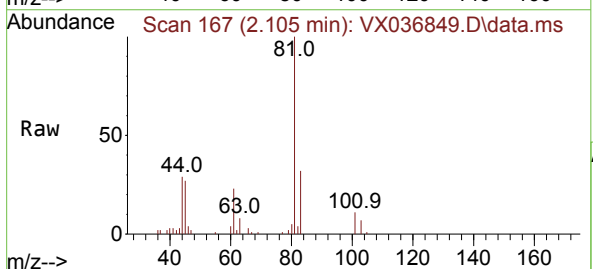
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

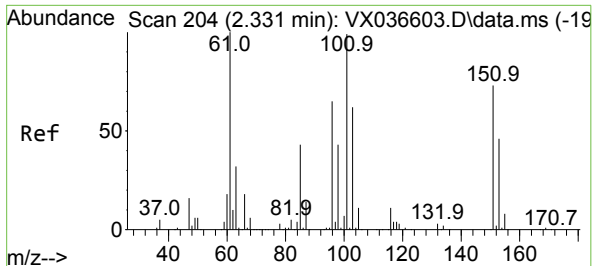
Tgt Ion:168 Resp: 128225  
Ion Ratio Lower Upper  
168 100  
99 62.0 56.6 85.0



#7  
Trichlorofluoromethane  
Concen: 0.322 ug/l  
RT: 2.105 min Scan# 167  
Delta R.T. 0.219 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion:101 Resp: 779  
Ion Ratio Lower Upper  
101 100  
103 62.5 51.4 77.2

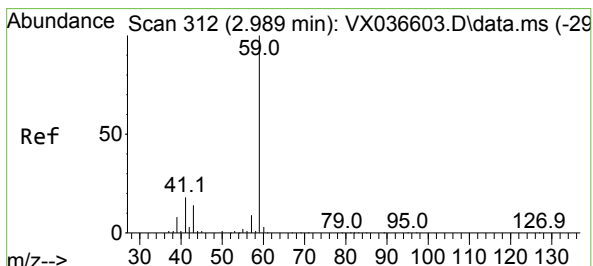
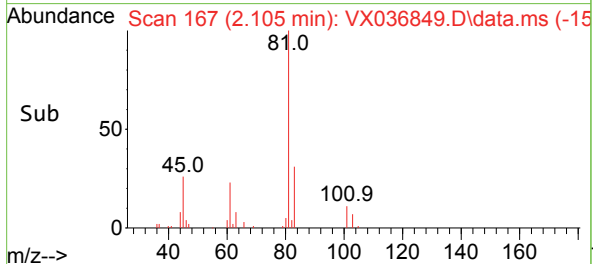
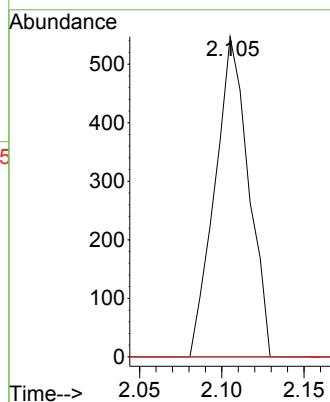
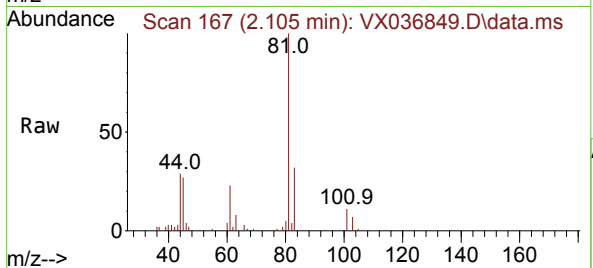




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.535 ug/l  
RT: 2.105 min Scan# 1  
Delta R.T. -0.226 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

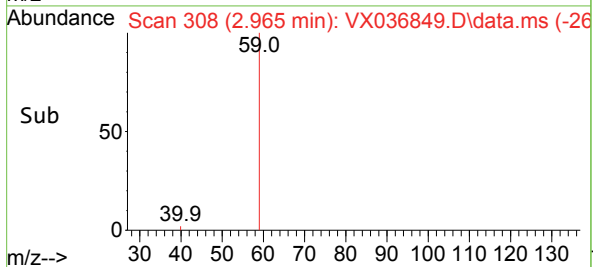
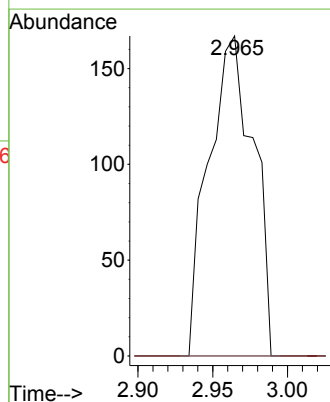
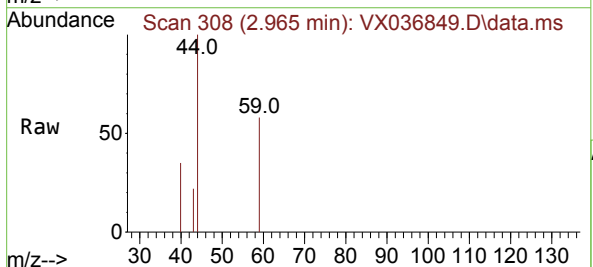
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

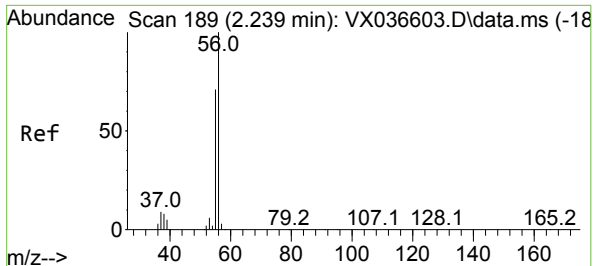
Tgt Ion:101 Resp: 779  
Ion Ratio Lower Upper  
101 100  
85 0.0 37.0 55.6#  
151 0.0 58.6 87.8#



#11  
Tert butyl alcohol  
Concen: 0.775 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.025 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 59 Resp: 348  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.296 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

Instrument :

MSVOA\_X

ClientSampleId :

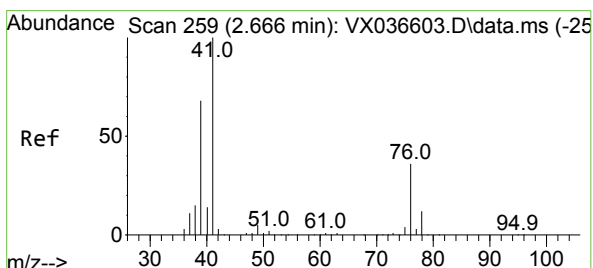
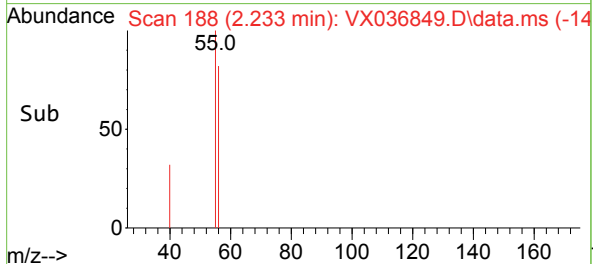
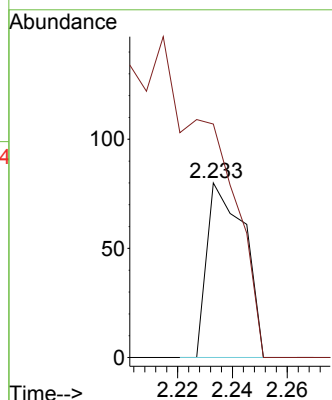
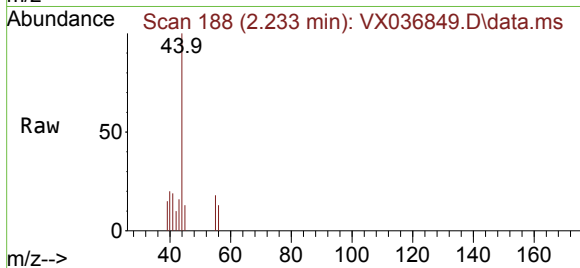
MW-01W

Tgt Ion: 56 Resp: 76

Ion Ratio Lower Upper

56 100

55 503.9 57.1 85.7#



#14

Allyl chloride

Concen: 3.328 ug/l

RT: 2.776 min Scan# 277

Delta R.T. 0.109 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

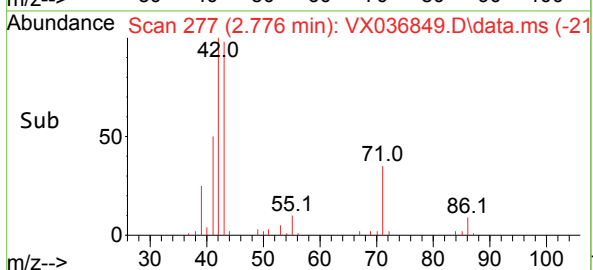
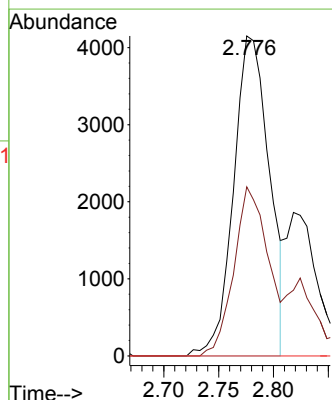
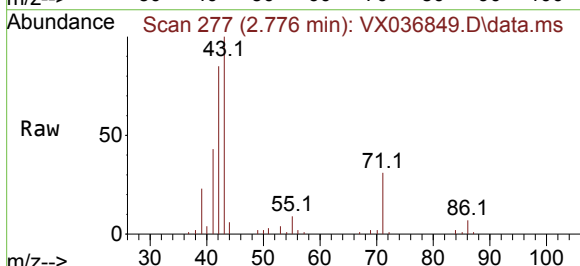
Tgt Ion: 41 Resp: 9410

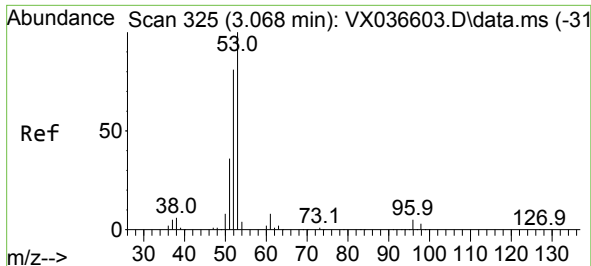
Ion Ratio Lower Upper

41 100

39 50.7 55.8 83.6#

76 0.0 24.3 36.5#

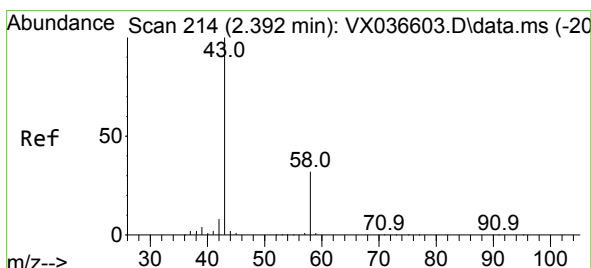
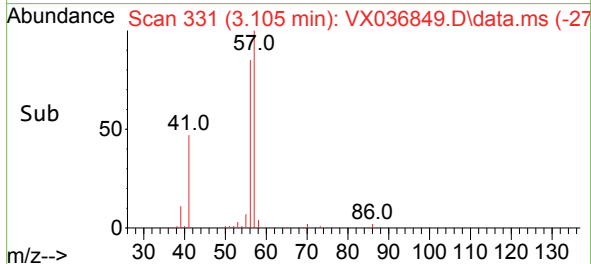
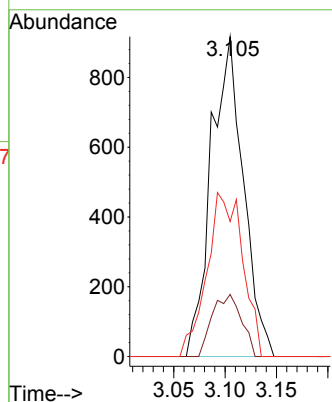
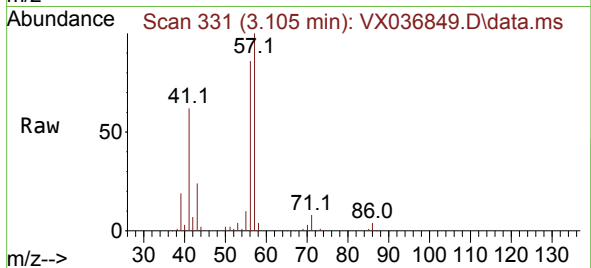




#15  
Acrylonitrile  
Concen: 2.215 ug/l  
RT: 3.105 min Scan# 311  
Delta R.T. 0.036 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

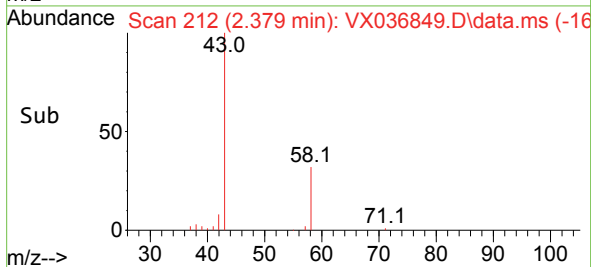
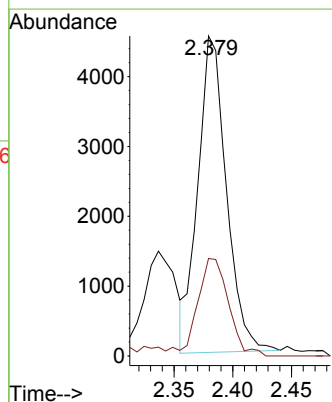
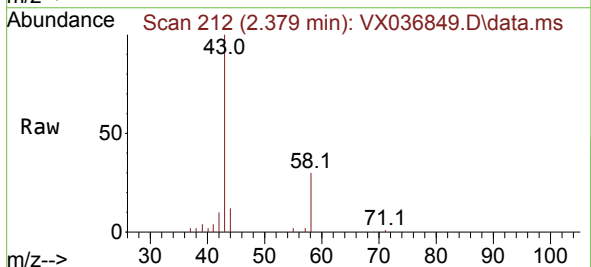
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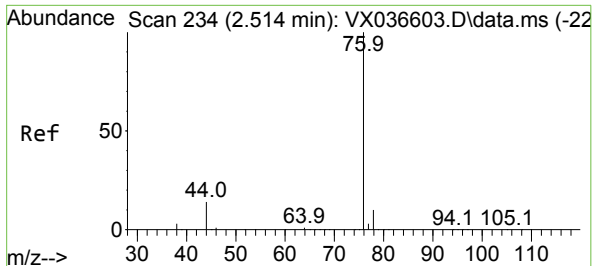
Tgt Ion: 53 Resp: 2001  
Ion Ratio Lower Upper  
53 100  
52 17.6 66.0 99.0#  
51 56.7 29.8 44.6#



#16  
Acetone  
Concen: 9.703 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 43 Resp: 7639  
Ion Ratio Lower Upper  
43 100  
58 31.0 21.9 32.9

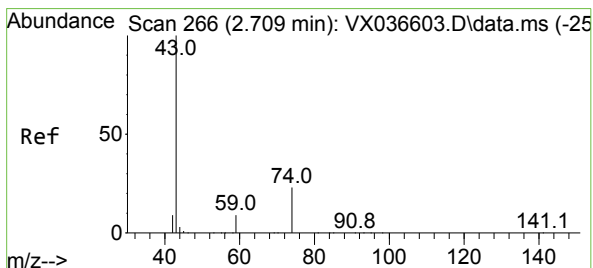
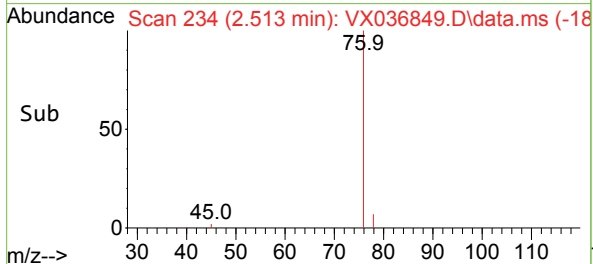
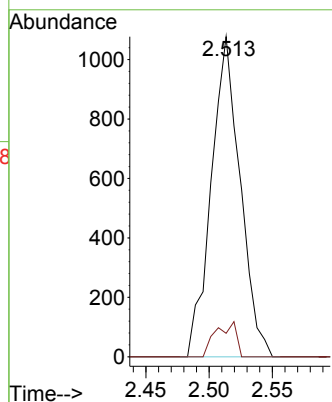
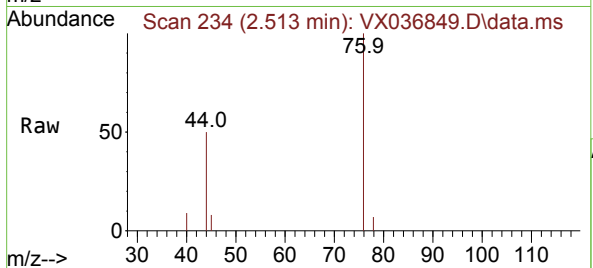




#17  
Carbon Disulfide  
Concen: 0.433 ug/l  
RT: 2.513 min Scan# 217  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

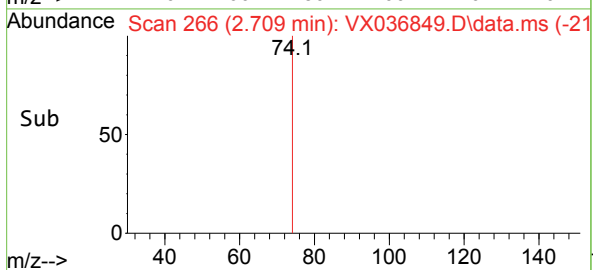
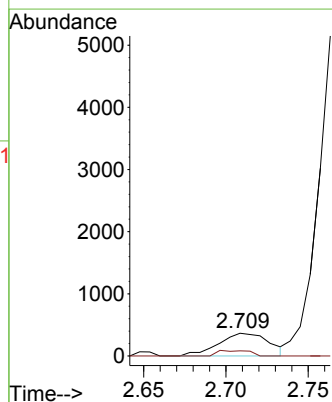
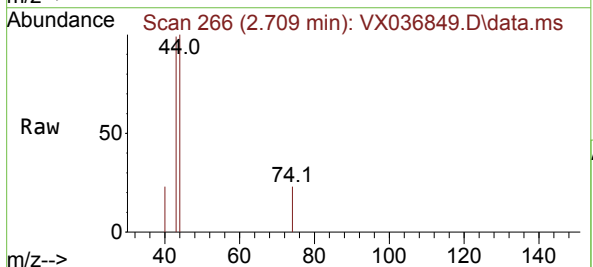
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Tgt Ion: 76 Resp: 1716  
Ion Ratio Lower Upper  
76 100  
78 7.3 7.0 10.6

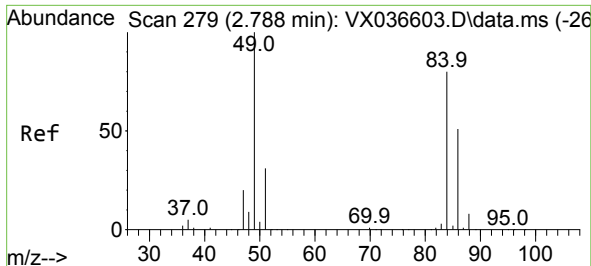


#18  
Methyl Acetate  
Concen: 0.236 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 43 Resp: 782  
Ion Ratio Lower Upper  
43 100  
74 15.3 17.8 26.8#



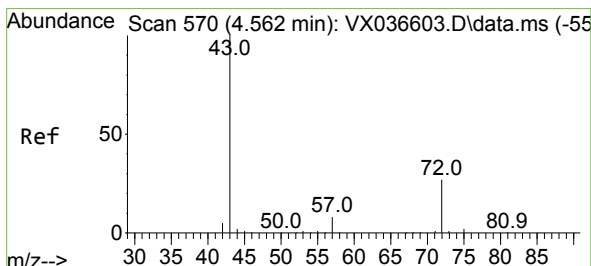
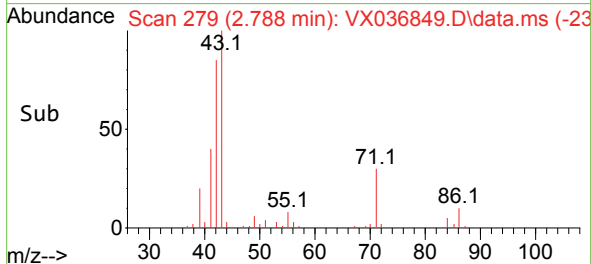
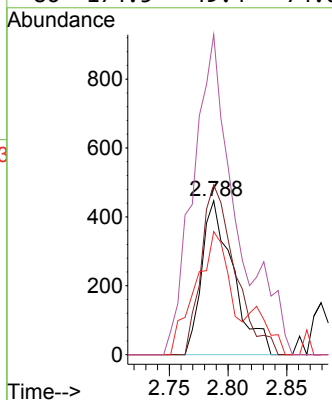
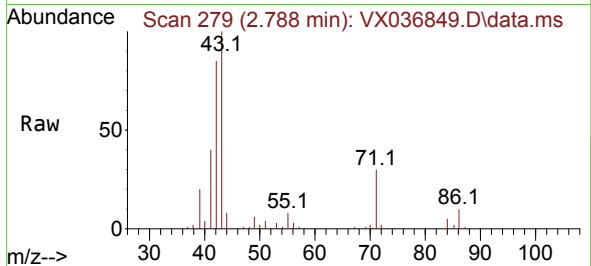




#20  
Methylene Chloride  
Concen: 0.476 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

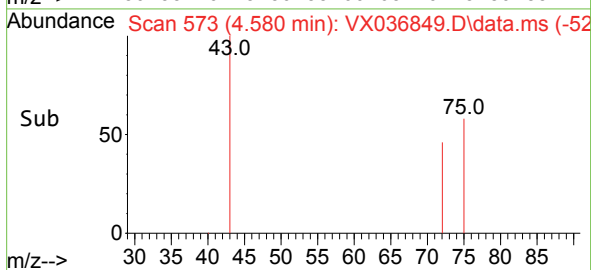
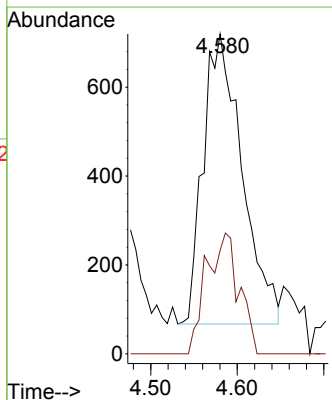
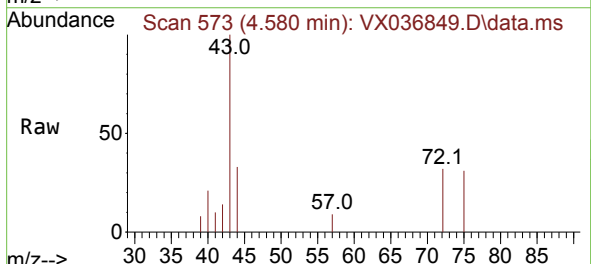
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

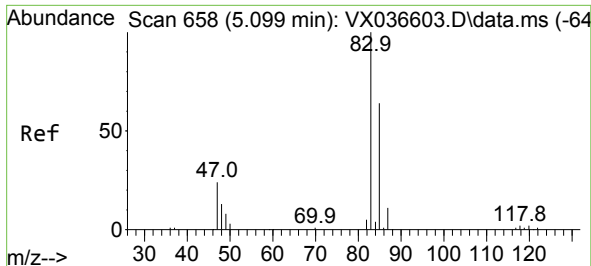
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 834   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 110.3 | 103.6 | 155.4 |
| 51       | 66.9  | 33.8  | 50.6# |
| 86       | 174.5 | 49.4  | 74.0# |



#25  
2-Butanone  
Concen: 1.593 ug/l  
RT: 4.580 min Scan# 573  
Delta R.T. 0.018 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2035  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 35.7  | 19.4  | 29.2# |





#30

Chloroform

Concen: 1.141 ug/l

RT: 5.172 min Scan# 6

Delta R.T. 0.073 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

Instrument :

MSVOA\_X

ClientSampleId :

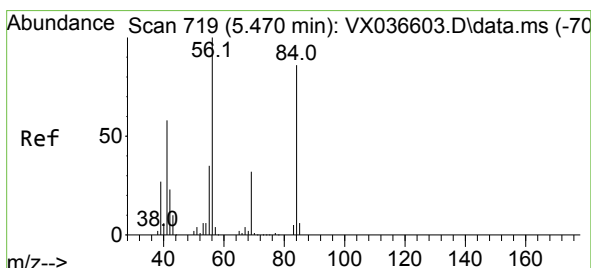
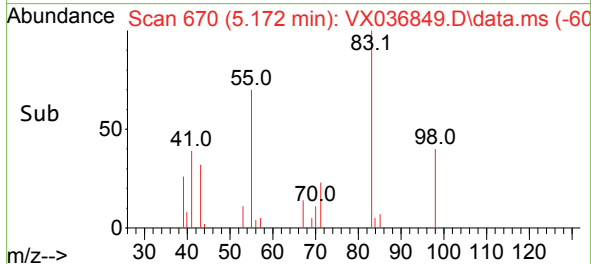
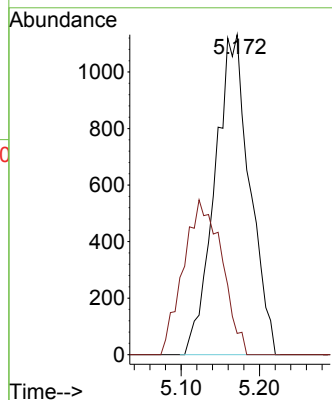
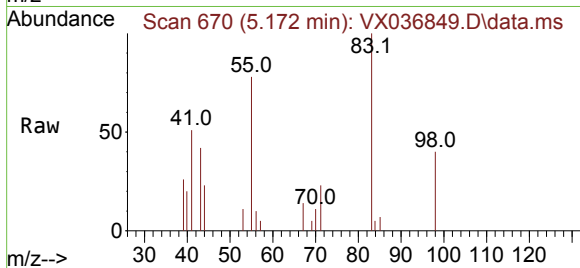
MW-01W

Tgt Ion: 83 Resp: 3513

Ion Ratio Lower Upper

83 100

85 6.6 50.3 75.5#



#31

Cyclohexane

Concen: 3.654 ug/l

RT: 5.495 min Scan# 723

Delta R.T. 0.024 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

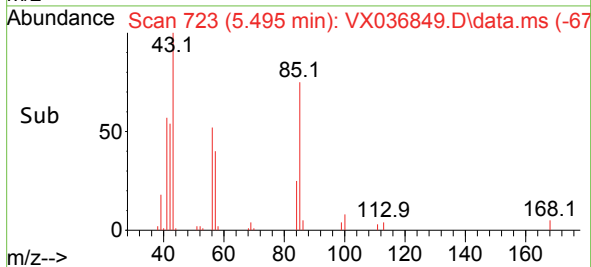
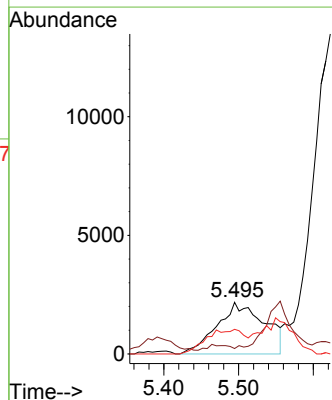
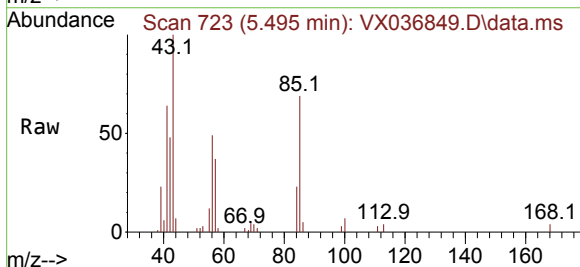
Tgt Ion: 56 Resp: 9599

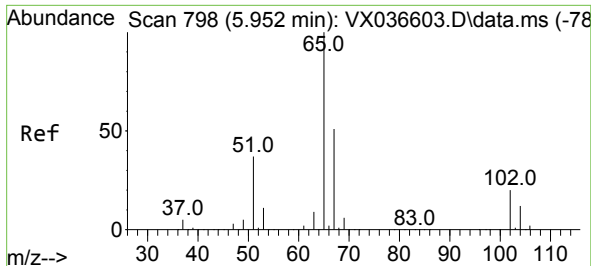
Ion Ratio Lower Upper

56 100

69 0.0 23.4 35.2#

84 47.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.255 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

Instrument :

MSVOA\_X

ClientSampleId :

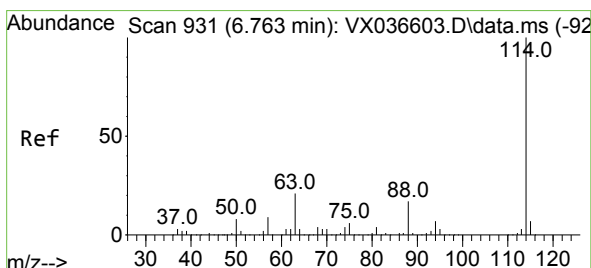
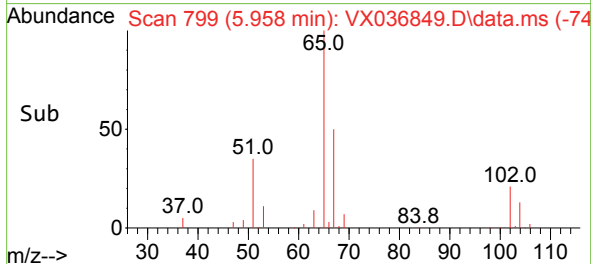
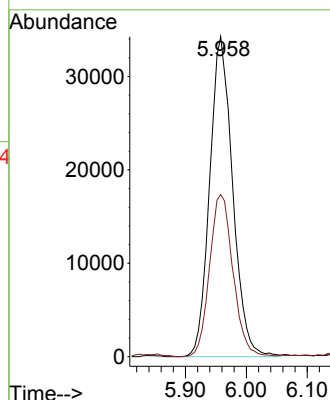
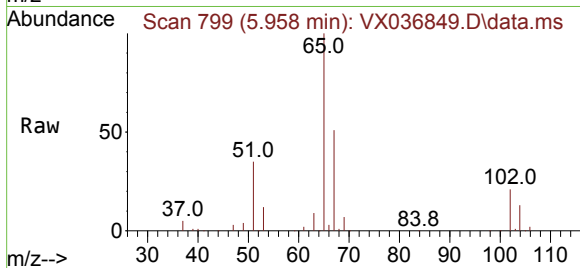
MW-01W

Tgt Ion: 65 Resp: 89656

Ion Ratio Lower Upper

65 100

67 51.7 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: VX036849.D

Acq: 07 Aug 2023 20:05

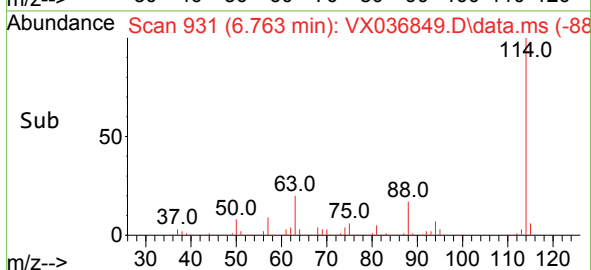
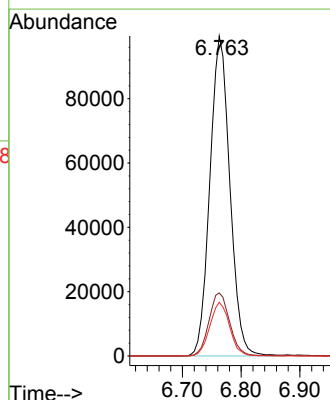
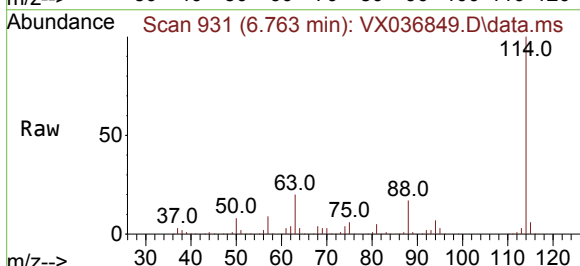
Tgt Ion: 114 Resp: 234778

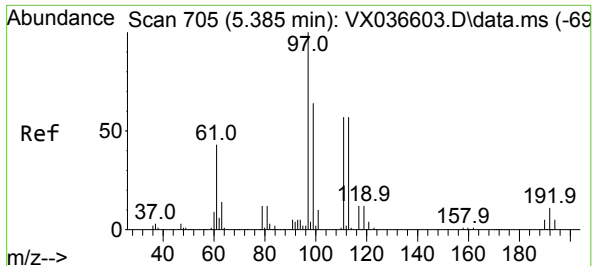
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.089 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

Instrument :

MSVOA\_X

ClientSampleId :

MW-01W

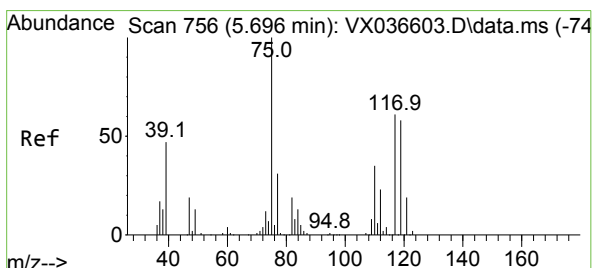
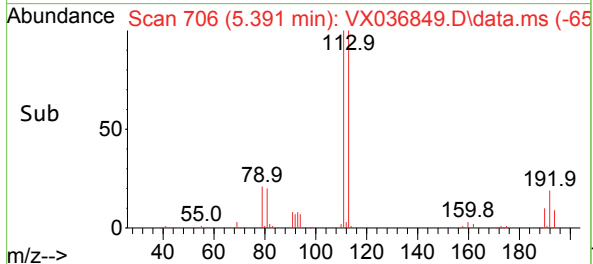
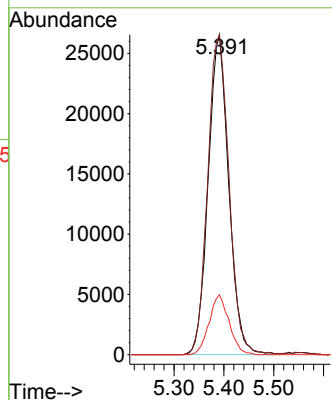
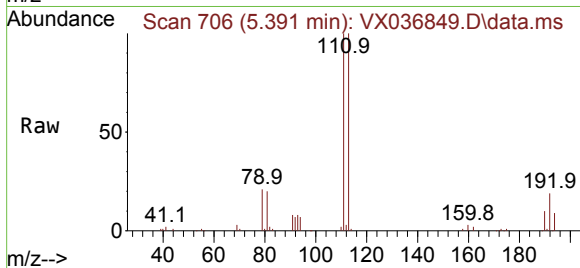
Tgt Ion:113 Resp: 75989

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

192 18.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.344 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

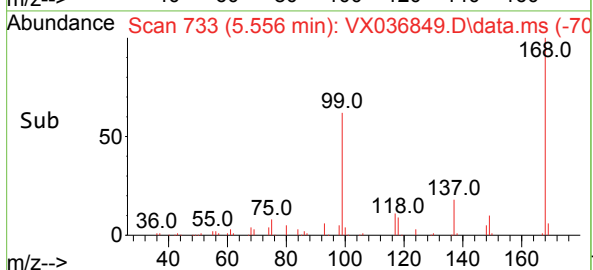
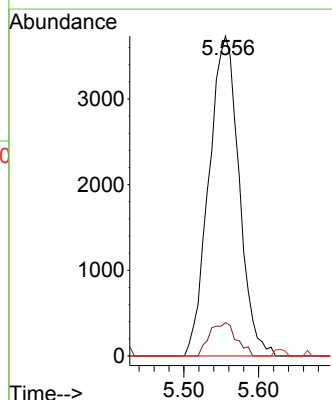
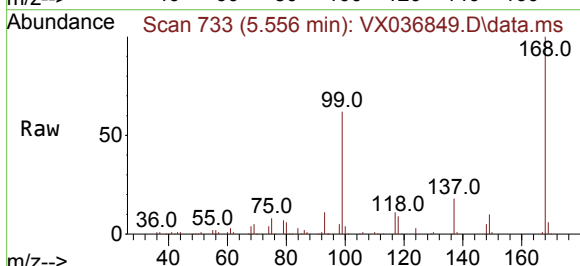
Tgt Ion: 75 Resp: 10449

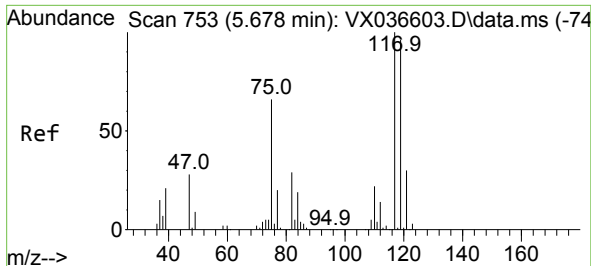
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

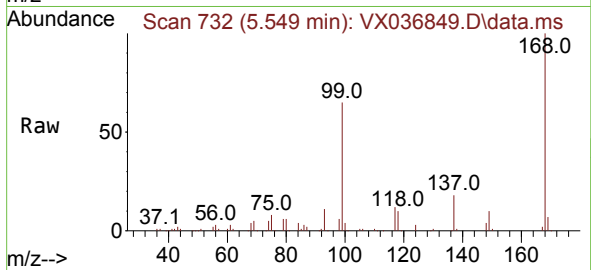
77 0.0 24.7 37.1#



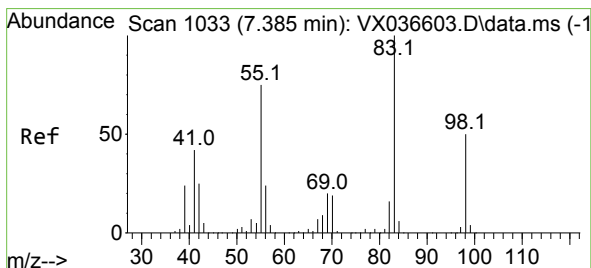
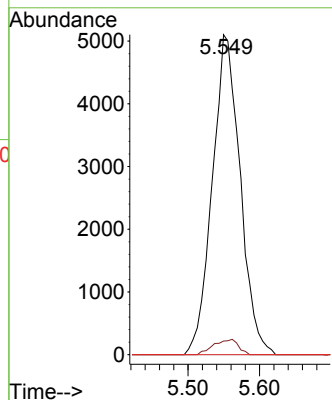
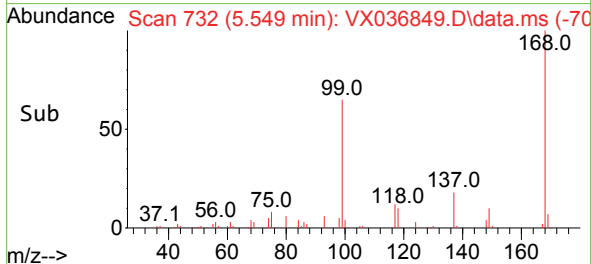


#38  
Carbon Tetrachloride  
Concen: 5.401 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

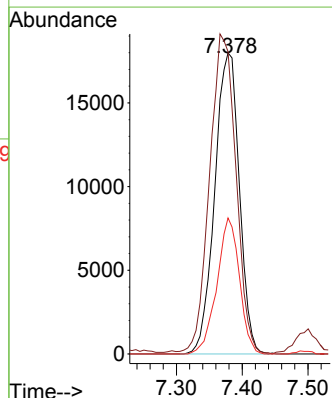
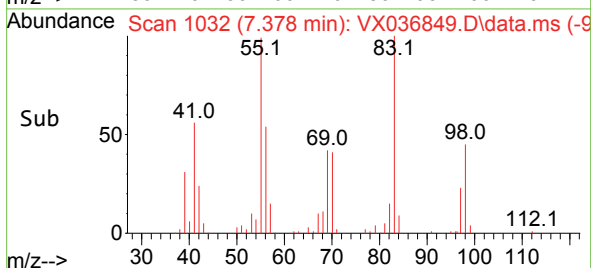
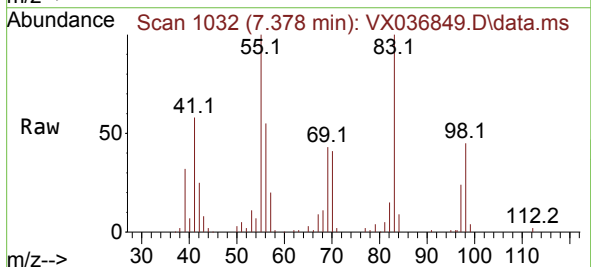


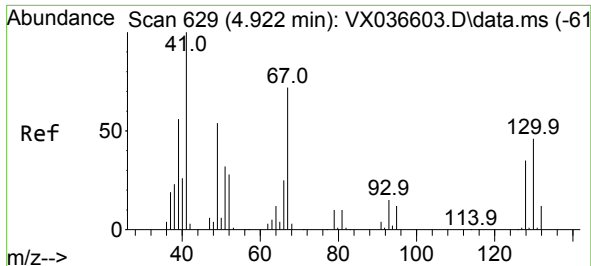
Tgt Ion:117 Resp: 13810  
Ion Ratio Lower Upper  
117 100  
119 4.2 78.2 117.2#  
121 0.0 24.4 36.6#



#39  
Methylcyclohexane  
Concen: 15.633 ug/l  
RT: 7.378 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 83 Resp: 46755  
Ion Ratio Lower Upper  
83 100  
55 99.7 64.6 97.0#  
98 45.2 36.7 55.1

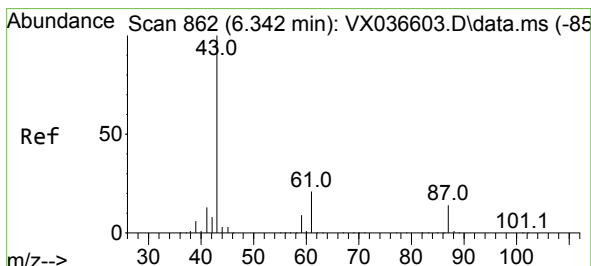
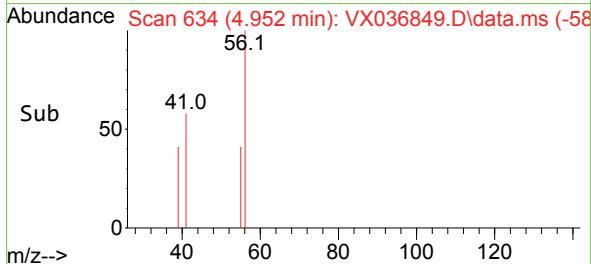
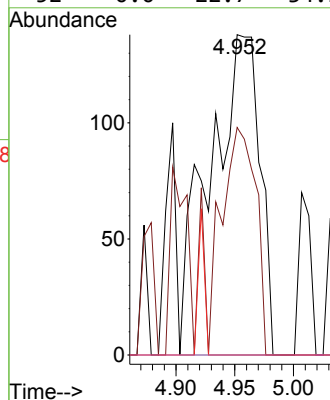
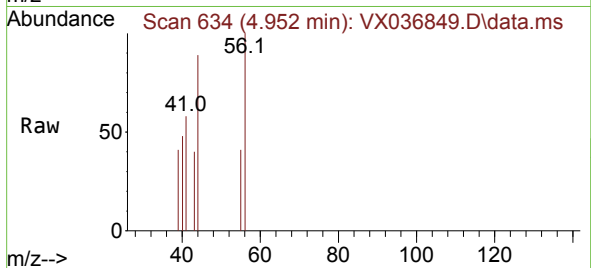




#41  
Methacrylonitrile  
Concen: 0.282 ug/l  
RT: 4.952 min Scan# 611  
Delta R.T. 0.030 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

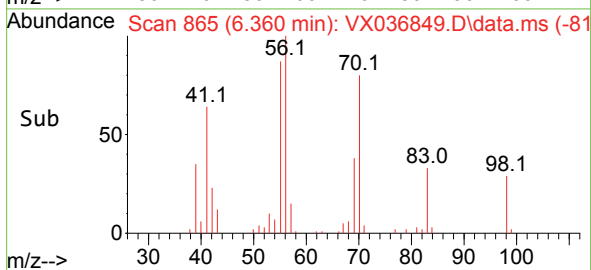
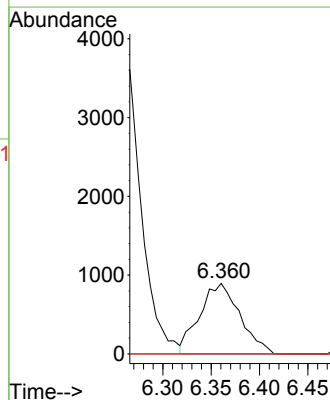
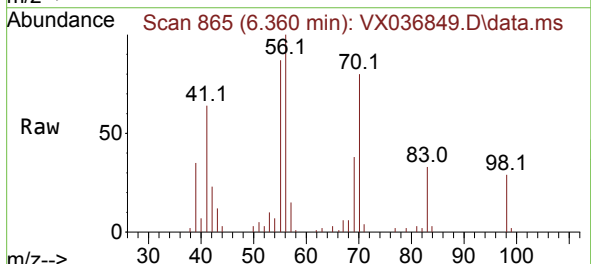
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

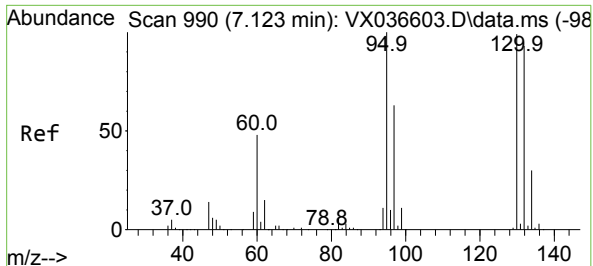
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 411   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 48.2  | 45.2  | 67.8  |
| 67       | 0.0   | 52.6  | 78.8# |
| 52       | 0.0   | 22.7  | 34.1# |



#43  
Isopropyl Acetate  
Concen: 0.552 ug/l  
RT: 6.360 min Scan# 865  
Delta R.T. 0.018 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2588  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 15.2  | 22.8# |
| 87       | 0.0   | 9.8   | 14.6# |

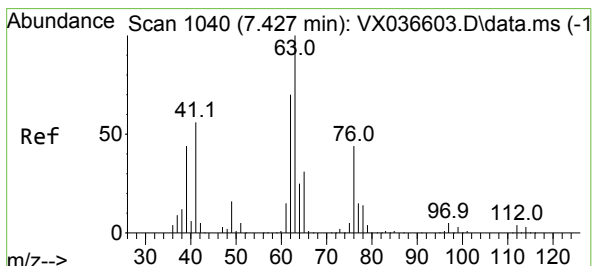
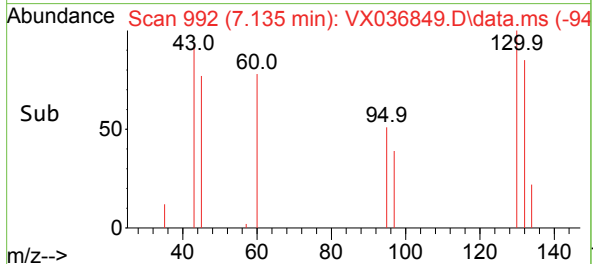
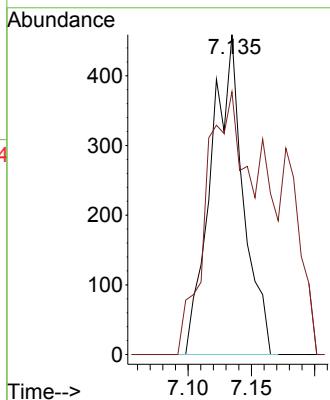
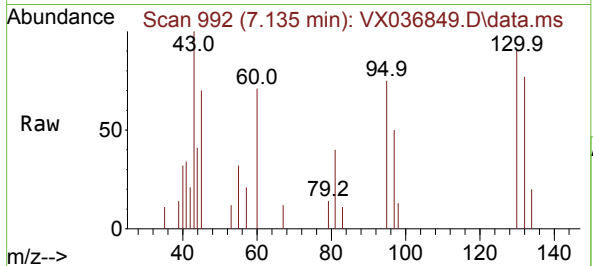




#44  
 Trichloroethene  
 Concen: 0.446 ug/l  
 RT: 7.135 min Scan# 990  
 Delta R.T. 0.012 min  
 Lab File: VX036849.D  
 Acq: 07 Aug 2023 20:05

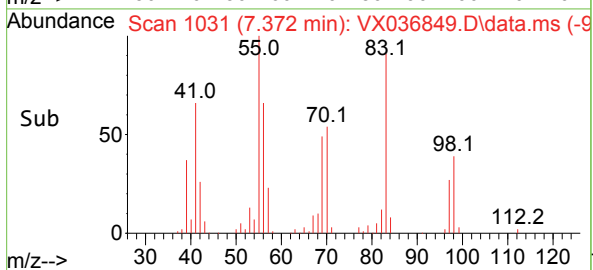
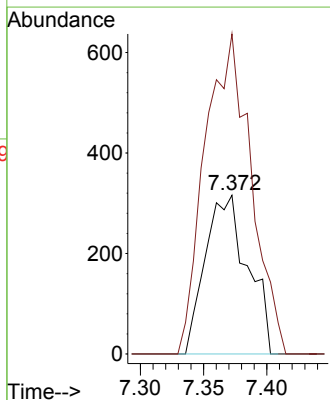
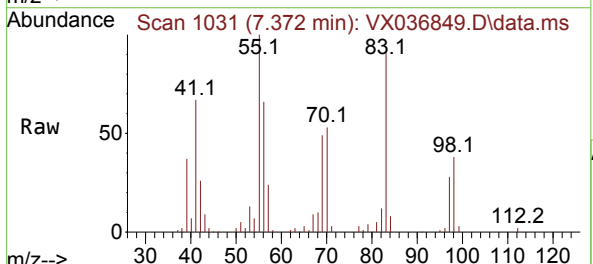
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-01W

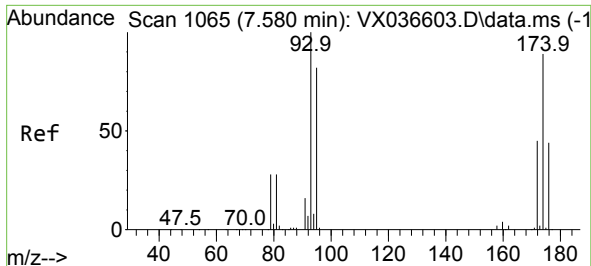
Tgt Ion:130 Resp: 816  
 Ion Ratio Lower Upper  
 130 100  
 95 82.1 0.0 204.4



#45  
 1,2-Dichloropropane  
 Concen: 0.394 ug/l  
 RT: 7.372 min Scan# 1031  
 Delta R.T. -0.055 min  
 Lab File: VX036849.D  
 Acq: 07 Aug 2023 20:05

Tgt Ion: 63 Resp: 737  
 Ion Ratio Lower Upper  
 63 100  
 65 201.6 24.3 36.5#





#46  
Dibromomethane

Concen: 0.340 ug/l

RT: 7.561 min Scan# 1106

Delta R.T. -0.019 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

Instrument :

MSVOA\_X

ClientSampleId :

MW-01W

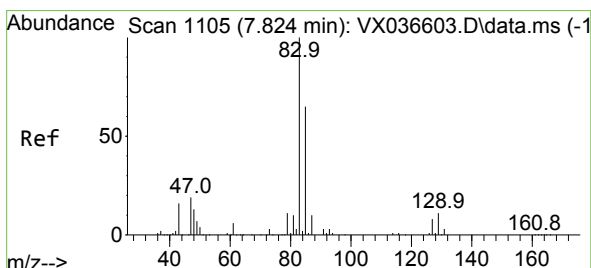
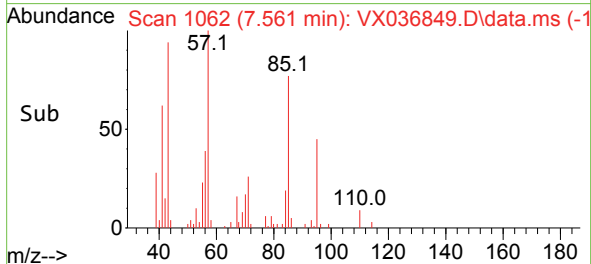
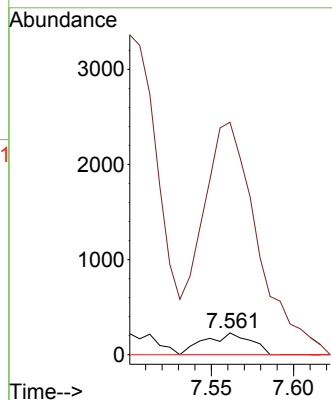
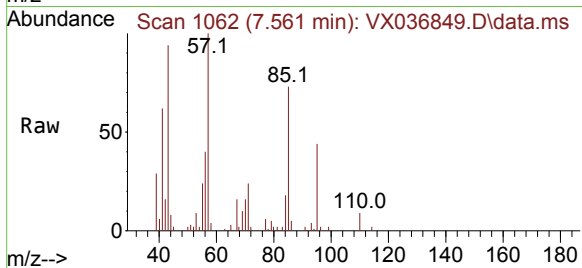
Tgt Ion: 93 Resp: 444

Ion Ratio Lower Upper

93 100

95 1288.1 66.6 100.0#

174 0.0 69.4 104.0#



#47

Bromodichloromethane

Concen: 2.387 ug/l

RT: 7.872 min Scan# 1113

Delta R.T. 0.049 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

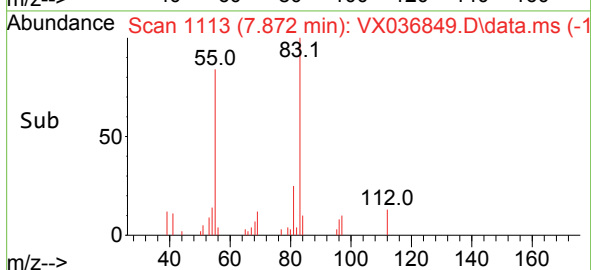
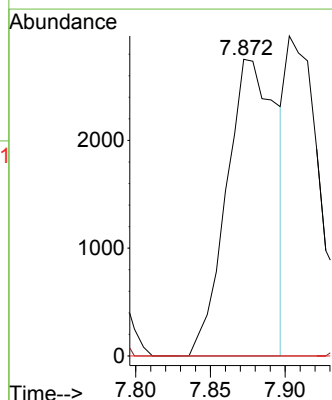
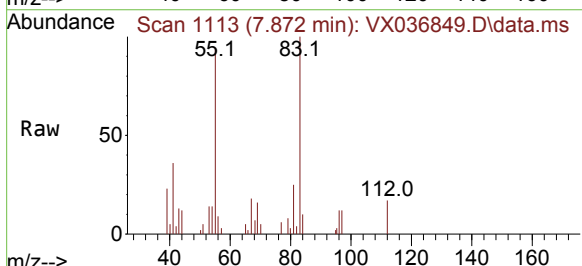
Tgt Ion: 83 Resp: 6407

Ion Ratio Lower Upper

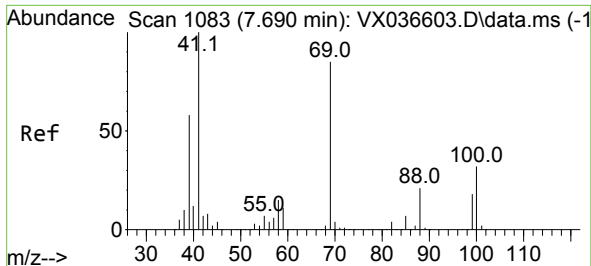
83 100

85 0.0 49.8 74.6#

127 0.0 7.1 10.7#



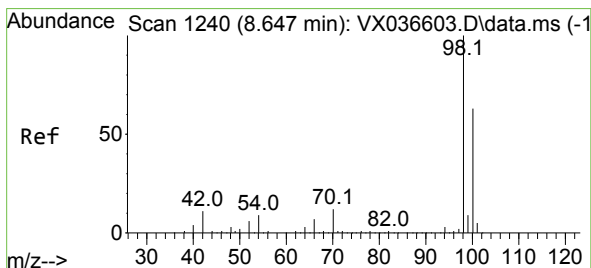
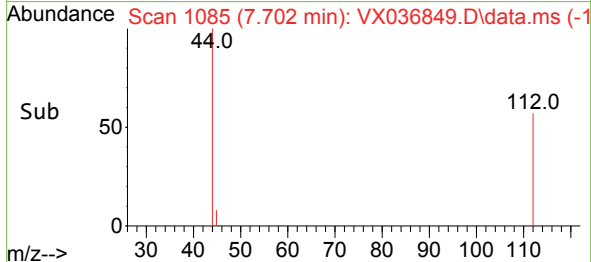
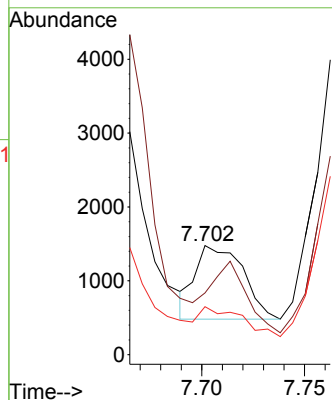
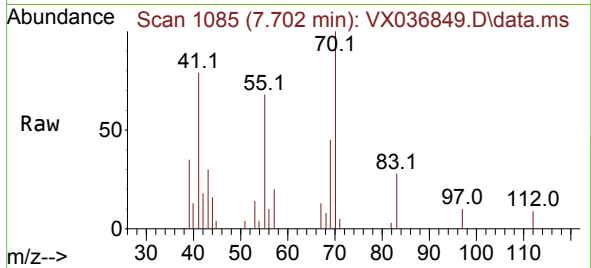




#48  
Methyl methacrylate  
Concen: 0.735 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.012 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

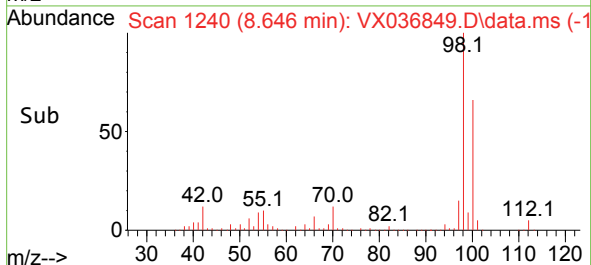
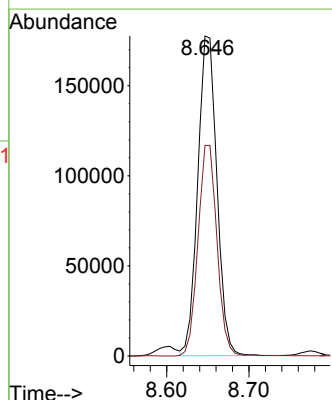
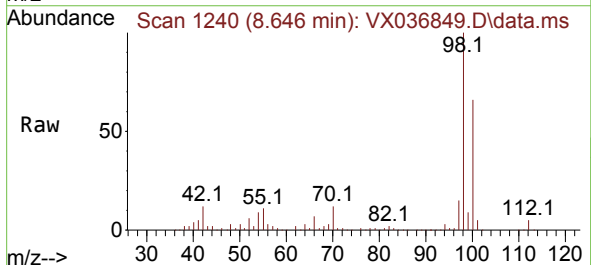
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

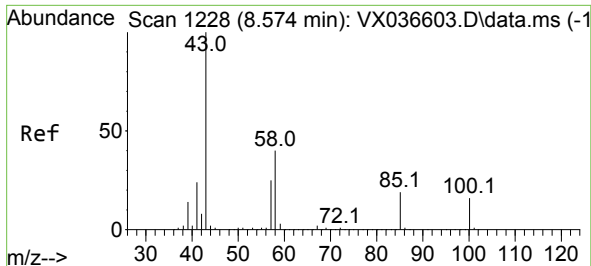
Tgt Ion: 41 Resp: 1602  
Ion Ratio Lower Upper  
41 100  
69 75.2 59.2 88.8  
39 34.8 47.7 71.5#



#50  
Toluene-d8  
Concen: 50.108 ug/l  
RT: 8.646 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 98 Resp: 286749  
Ion Ratio Lower Upper  
98 100  
100 65.5 53.1 79.7

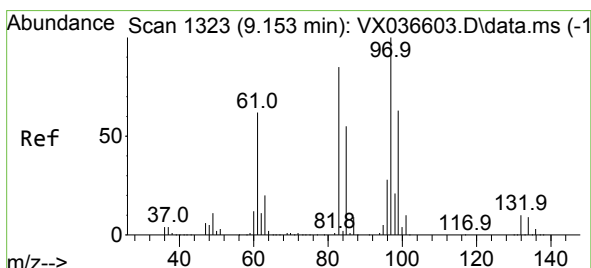
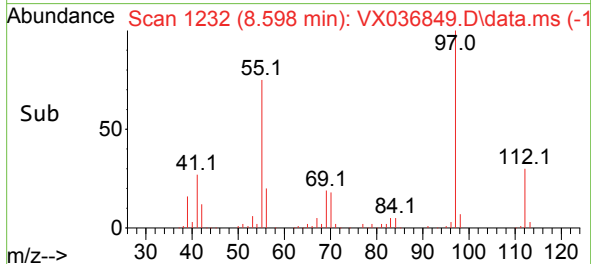
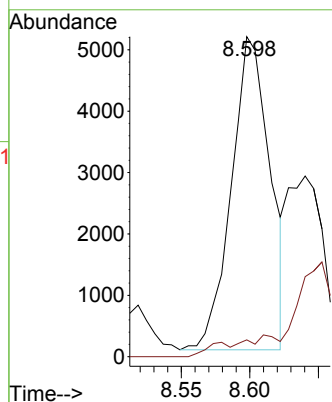
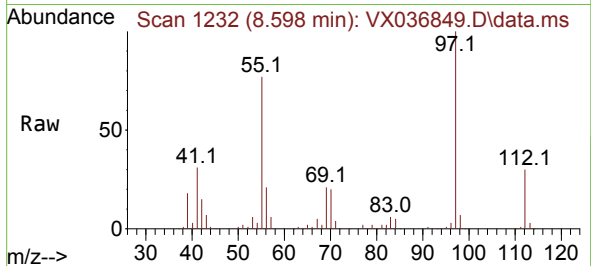




#51  
4-Methyl-2-Pentanone  
Concen: 3.849 ug/l  
RT: 8.598 min Scan# 11  
Delta R.T. 0.024 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

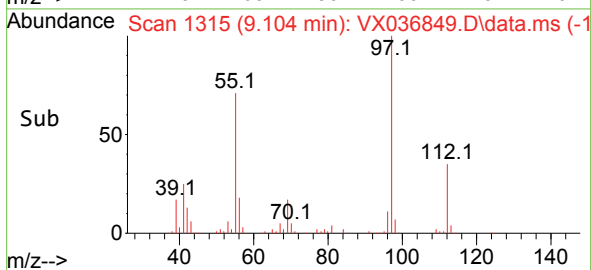
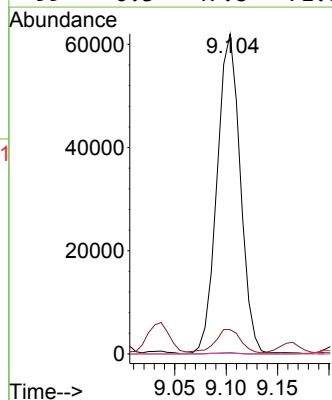
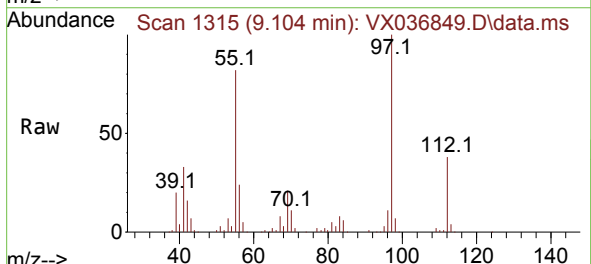
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

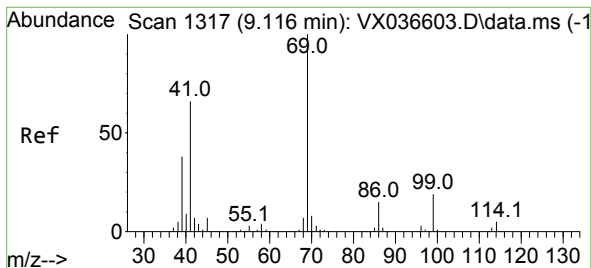
Tgt Ion: 43 Resp: 9981  
Ion Ratio Lower Upper  
43 100  
58 2.8 30.4 45.6#



#55  
1,1,2-Trichloroethane  
Concen: 52.665 ug/l  
RT: 9.104 min Scan# 1315  
Delta R.T. -0.049 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 97 Resp: 97073  
Ion Ratio Lower Upper  
97 100  
83 6.5 65.8 98.8#  
85 0.5 41.6 62.4#  
99 0.3 47.8 71.8#





#56

Ethyl methacrylate

Concen: 7.102 ug/l

RT: 9.104 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

Instrument :

MSVOA\_X

ClientSampleId :

MW-01W

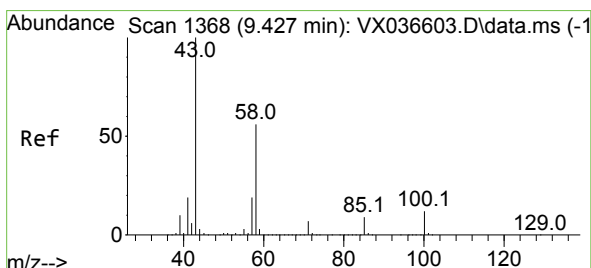
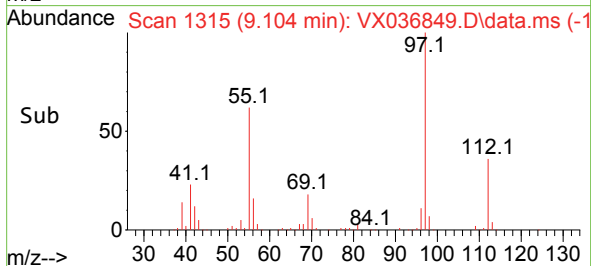
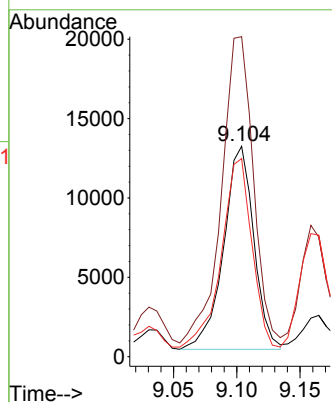
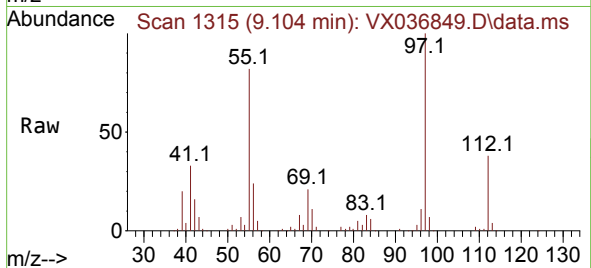
Tgt Ion: 69 Resp: 21317

Ion Ratio Lower Upper

69 100

41 156.9 56.8 85.2#

39 92.5 32.0 48.0#



#59

2-Hexanone

Concen: 0.543 ug/l

RT: 9.238 min Scan# 1337

Delta R.T. -0.189 min

Lab File: VX036849.D

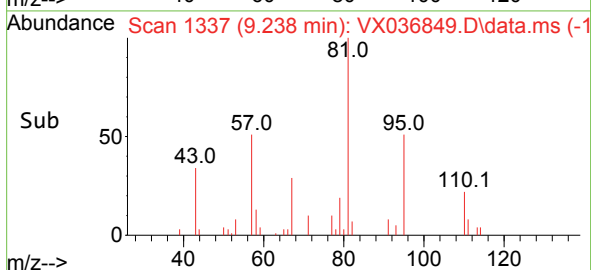
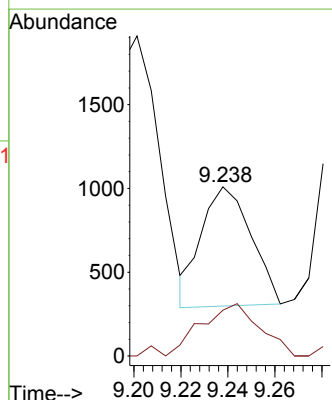
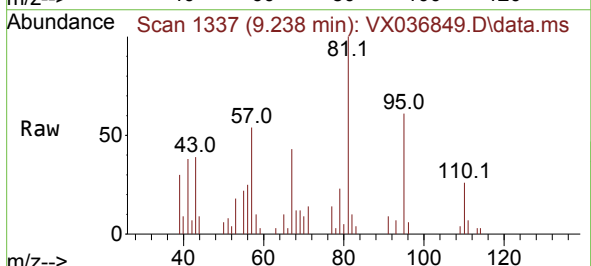
Acq: 07 Aug 2023 20:05

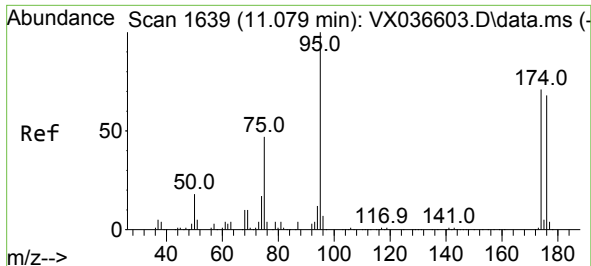
Tgt Ion: 43 Resp: 1046

Ion Ratio Lower Upper

43 100

58 53.7 26.2 78.5

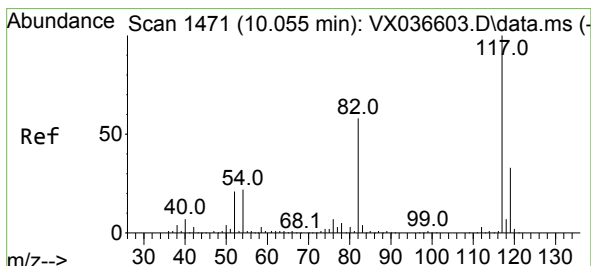
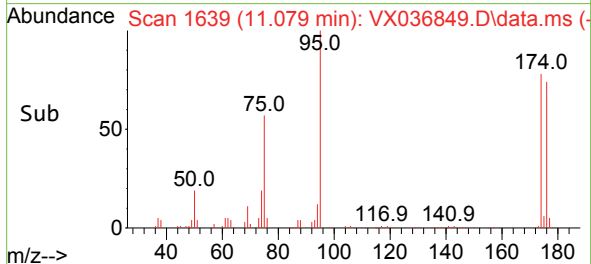
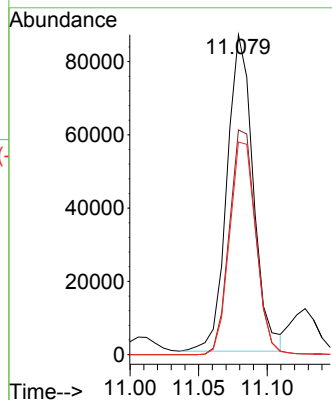
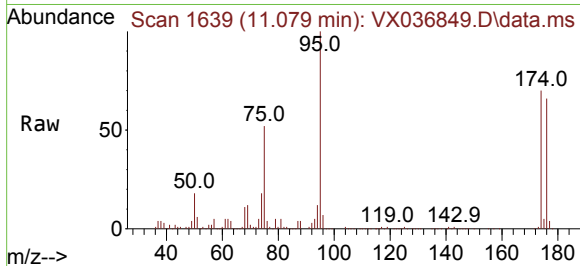




#62  
4-Bromofluorobenzene  
Concen: 53.416 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

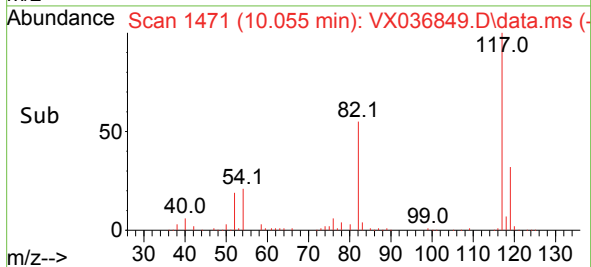
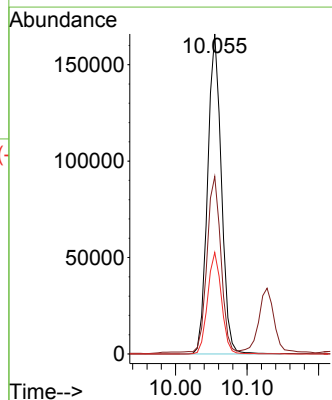
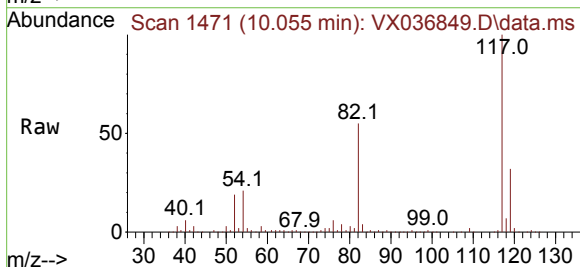
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

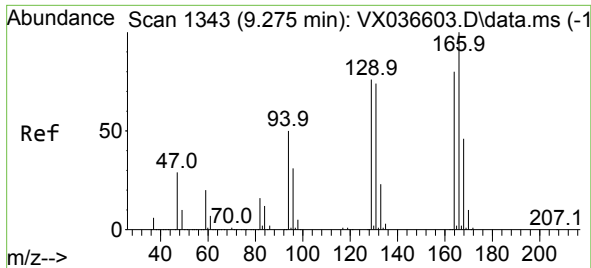
Tgt Ion: 95 Resp: 115328  
Ion Ratio Lower Upper  
95 100  
174 71.5 0.0 135.6  
176 67.9 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 117 Resp: 221835  
Ion Ratio Lower Upper  
117 100  
82 54.8 46.2 69.4  
119 31.7 25.5 38.3

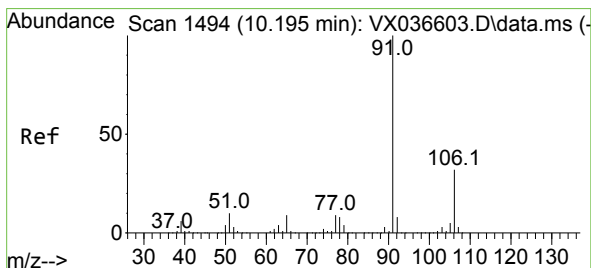
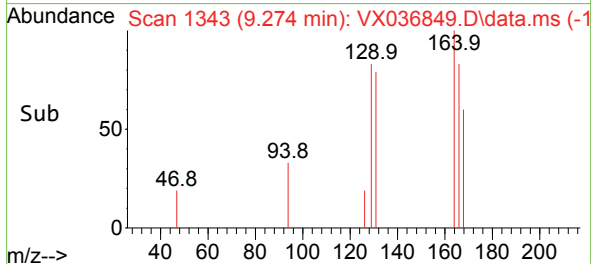
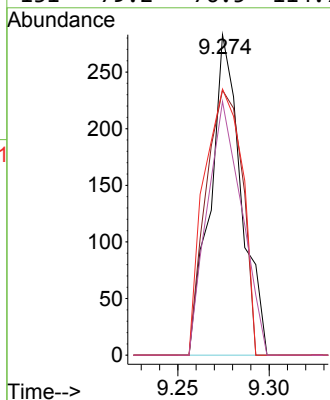
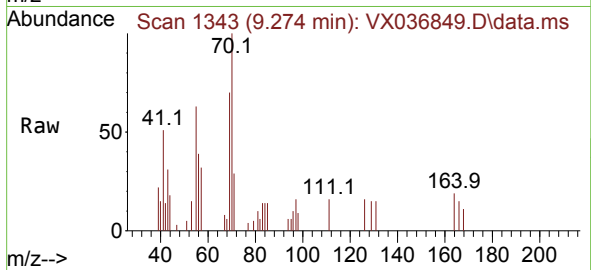




#64  
Tetrachloroethene  
Concen: 0.201 ug/l  
RT: 9.274 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

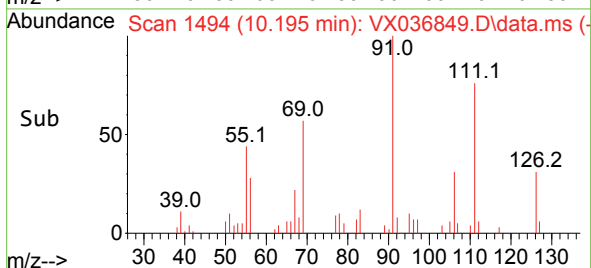
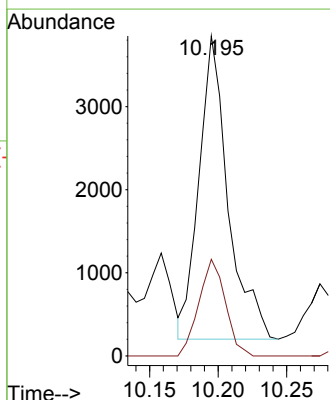
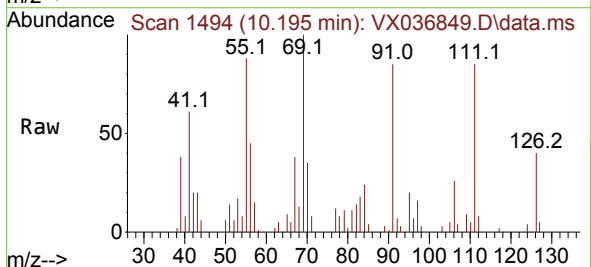
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

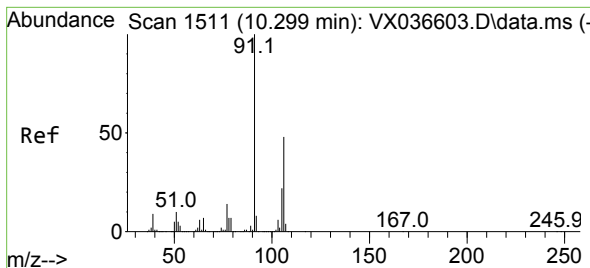
Tgt Ion:164 Resp: 332  
Ion Ratio Lower Upper  
164 100  
166 82.7 102.7 154.1#  
129 83.0 80.4 120.6  
131 79.2 76.5 114.7



#67  
Ethyl Benzene  
Concen: 0.604 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 91 Resp: 5397  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.9 37.3

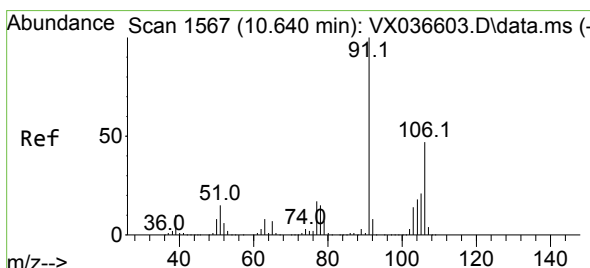
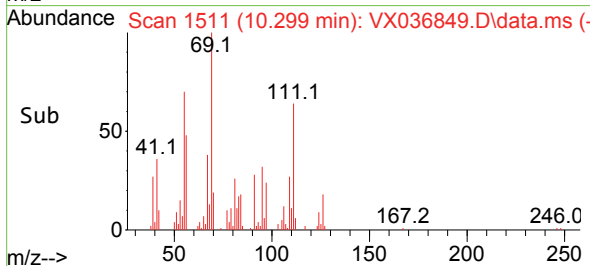
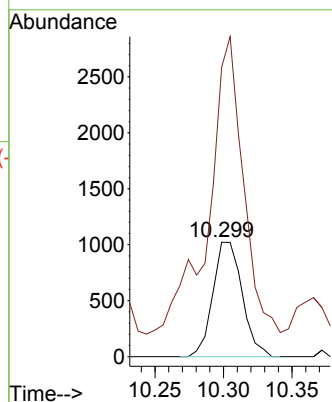
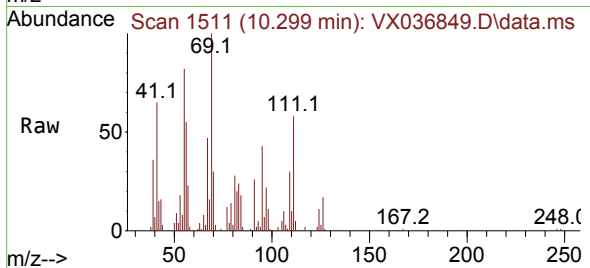




#68  
m/p-Xylenes  
Concen: 0.456 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

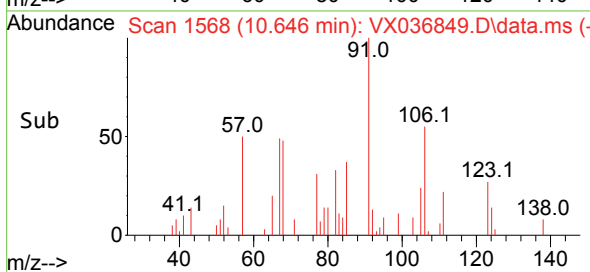
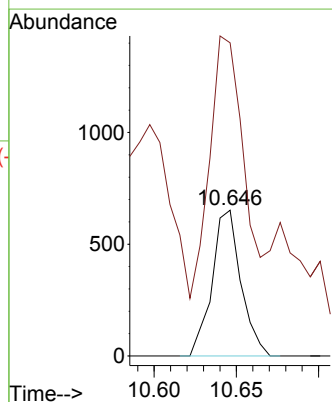
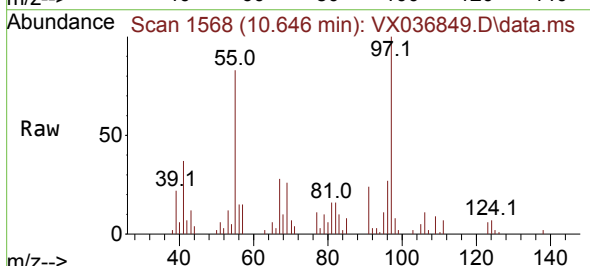
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

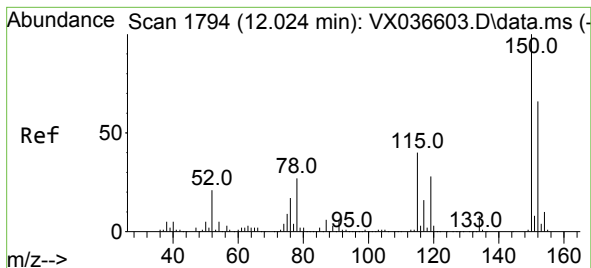
Tgt Ion:106 Resp: 1521  
Ion Ratio Lower Upper  
106 100  
91 305.8 165.5 248.3#



#69  
o-Xylene  
Concen: 0.239 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.006 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion:106 Resp: 796  
Ion Ratio Lower Upper  
106 100  
91 206.5 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

Instrument :

MSVOA\_X

ClientSampleId :

MW-01W

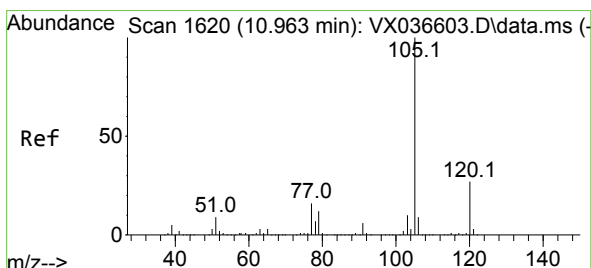
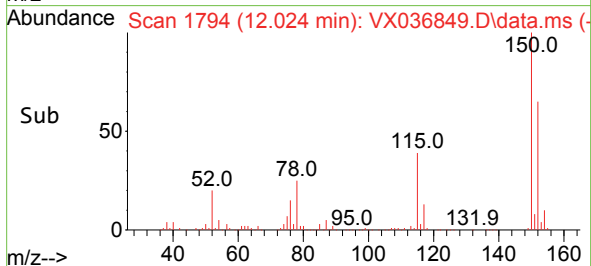
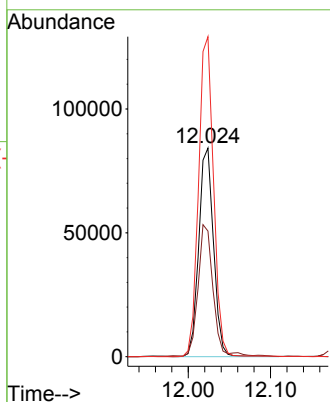
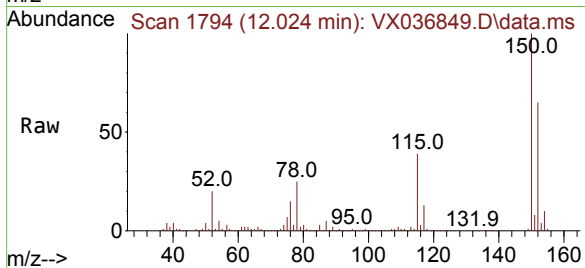
Tgt Ion:152 Resp: 105195

Ion Ratio Lower Upper

152 100

115 65.7 43.3 129.9

150 155.0 0.0 345.0



#73

Isopropylbenzene

Concen: 8.267 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX036849.D

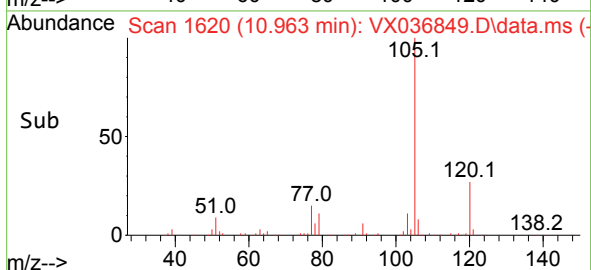
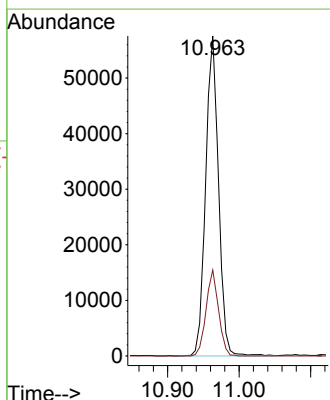
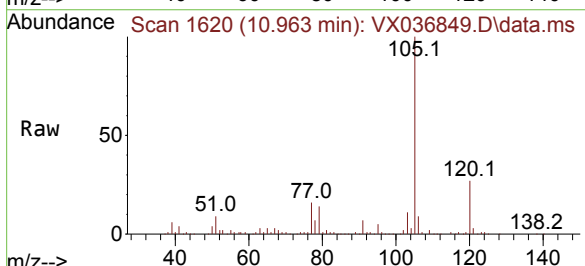
Acq: 07 Aug 2023 20:05

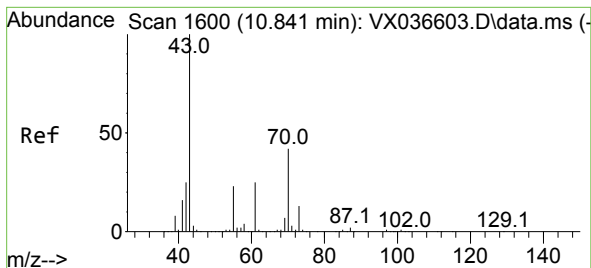
Tgt Ion:105 Resp: 71968

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6





#74

N-amy1 acetate

Concen: 0.914 ug/l

RT: 10.853 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

Instrument :

MSVOA\_X

ClientSampleId :

MW-01W

Tgt Ion: 43 Resp: 3711

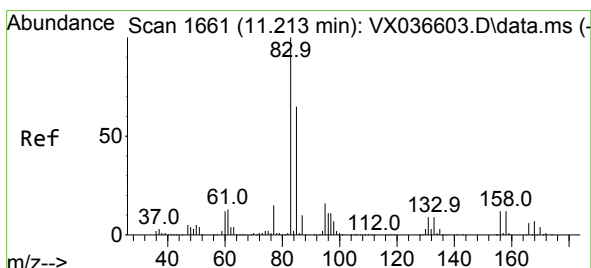
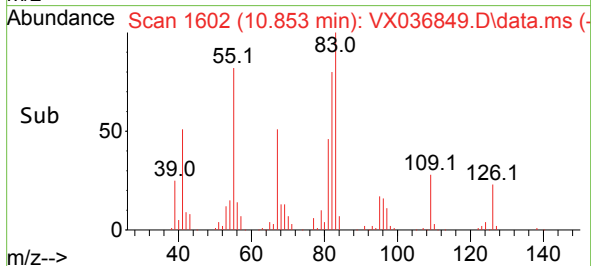
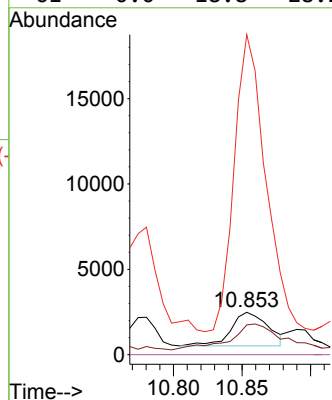
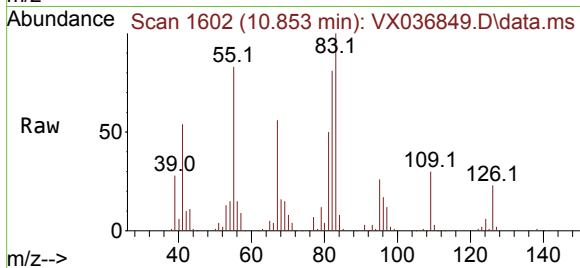
Ion Ratio Lower Upper

43 100

70 109.4 32.9 49.3#

55 754.0 19.3 28.9#

61 0.0 18.8 28.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.996 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

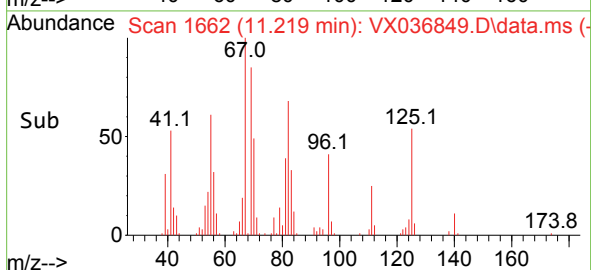
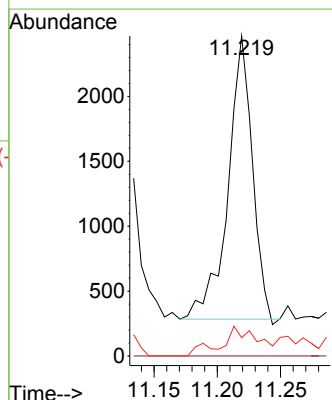
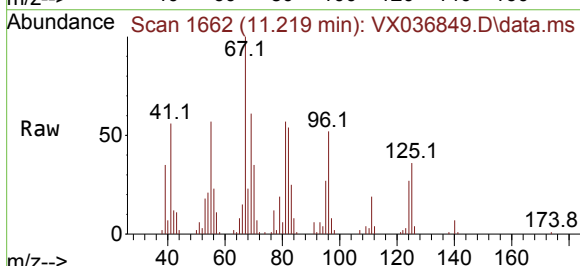
Tgt Ion: 83 Resp: 2928

Ion Ratio Lower Upper

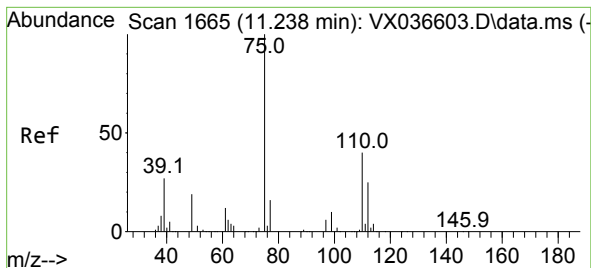
83 100

131 0.0 5.3 15.8#

85 9.9 32.0 96.2#







#76

1,2,3-Trichloropropane

Concen: 23.540 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

Instrument :

MSVOA\_X

ClientSampleId :

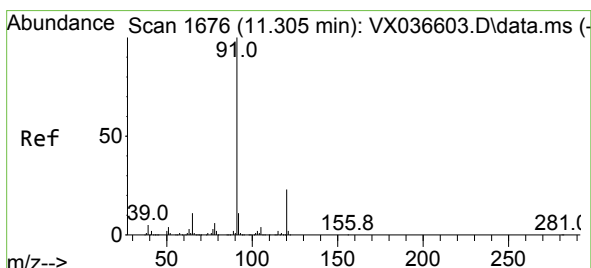
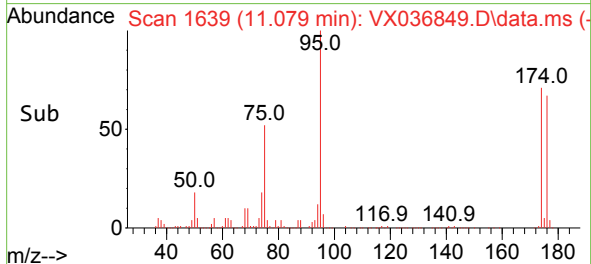
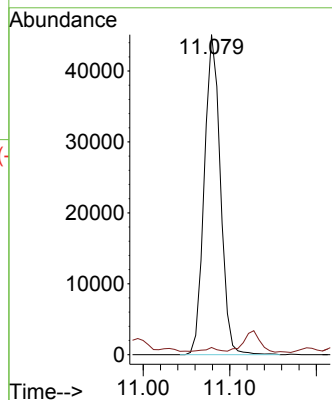
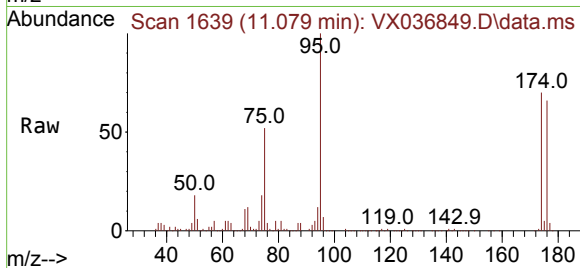
MW-01W

Tgt Ion: 75 Resp: 58244

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#



#78

n-propylbenzene

Concen: 7.617 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036849.D

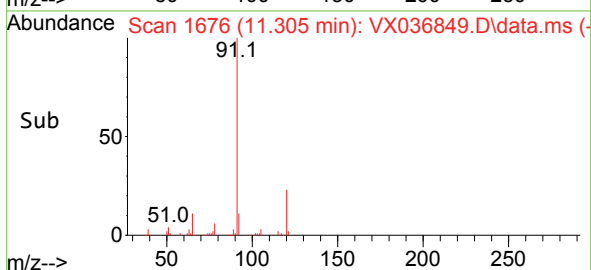
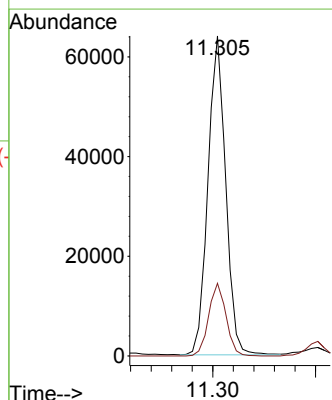
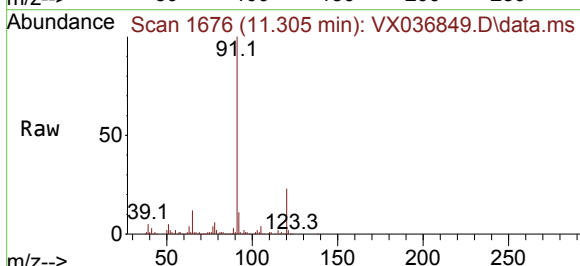
Acq: 07 Aug 2023 20:05

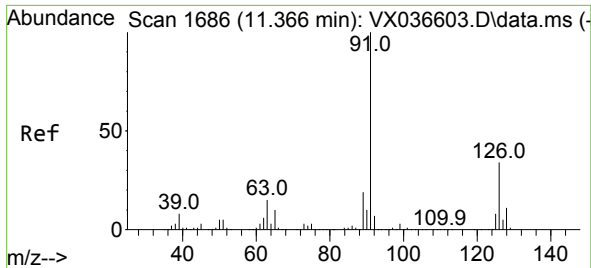
Tgt Ion: 91 Resp: 76693

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4

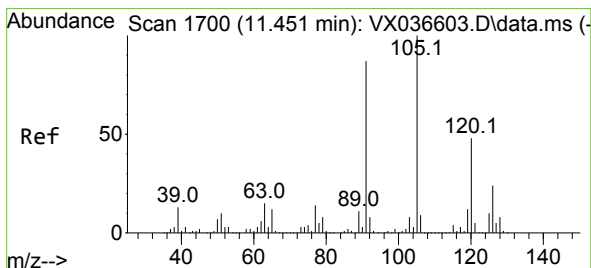
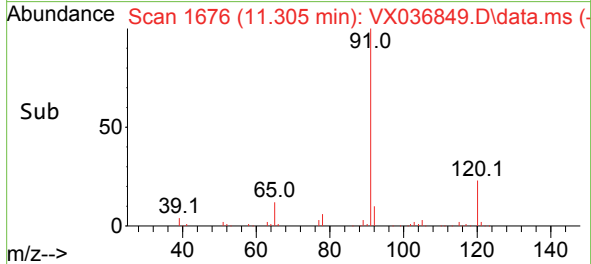
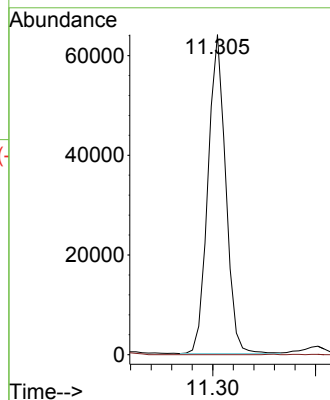
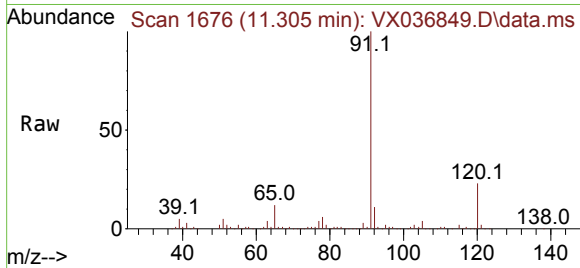




#79  
2-Chlorotoluene  
Concen: 12.570 ug/l  
RT: 11.305 min Scan# 1686  
Delta R.T. -0.061 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

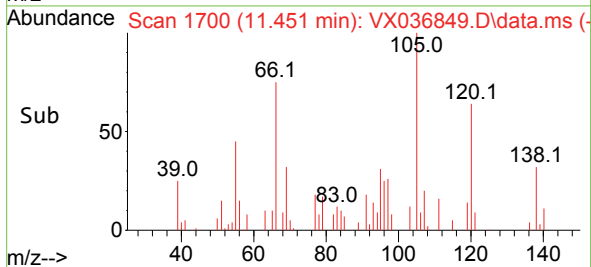
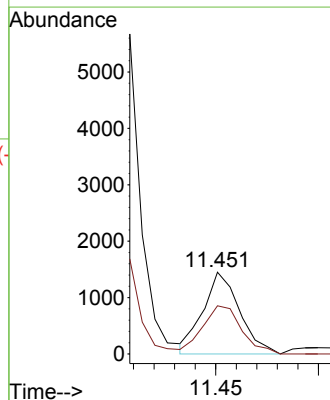
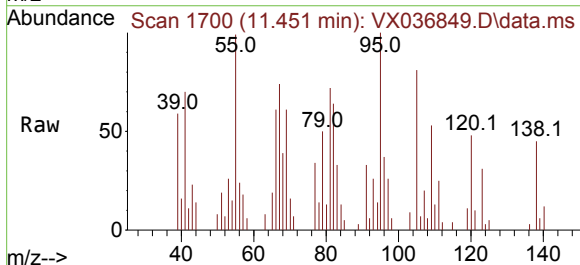
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

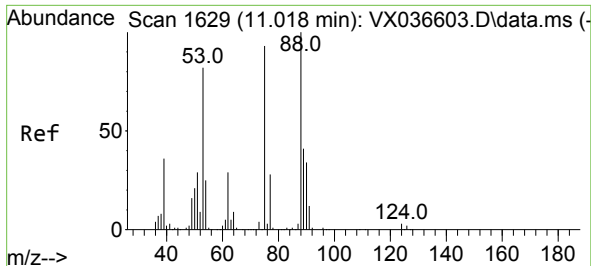
Tgt Ion: 91 Resp: 76693  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.3 48.8#



#80  
1,3,5-Trimethylbenzene  
Concen: 0.246 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 105 Resp: 1795  
Ion Ratio Lower Upper  
105 100  
120 62.6 24.1 72.3

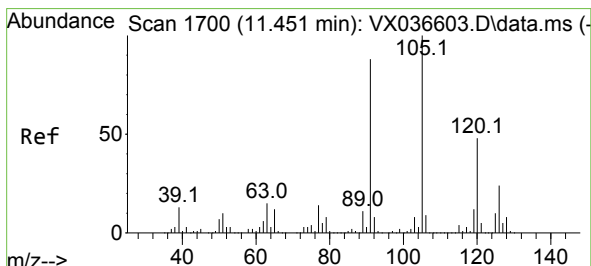
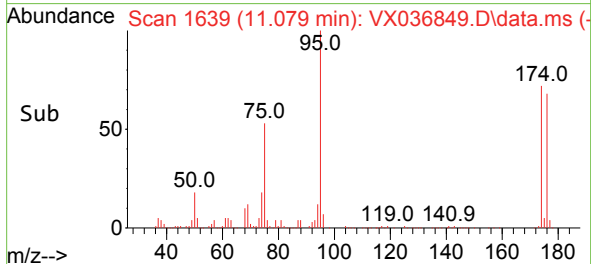
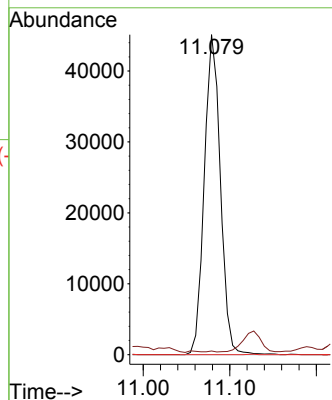
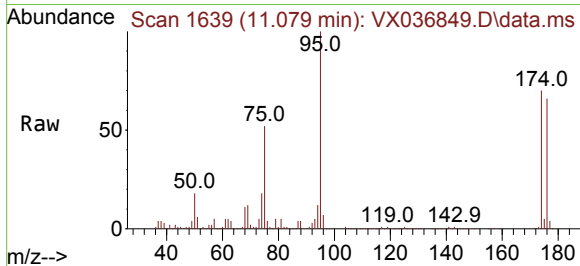




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.354 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

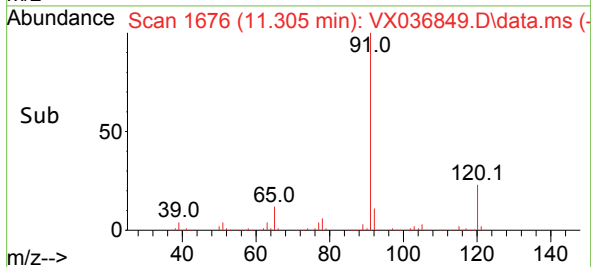
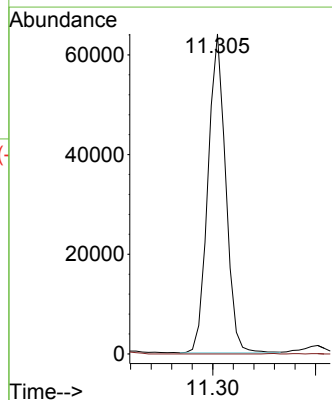
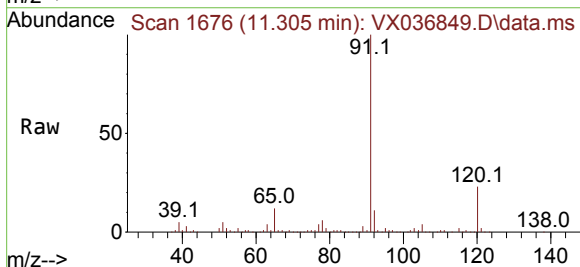
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

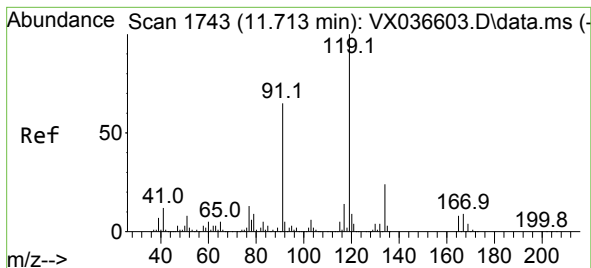
Tgt Ion: 75 Resp: 58244  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#



#82  
4-Chlorotoluene  
Concen: 11.033 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.147 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 91 Resp: 76693  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.2 42.6#





#83

tert-Butylbenzene

Concen: 1.846 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX036849.D

Acq: 07 Aug 2023 20:05

Instrument :

MSVOA\_X

ClientSampleId :

MW-01W

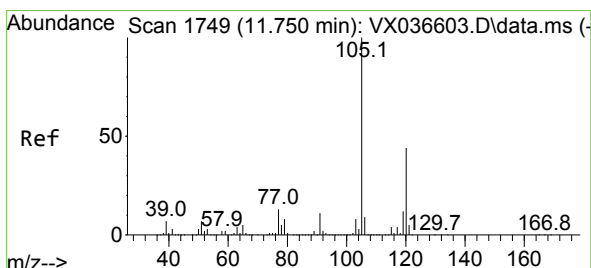
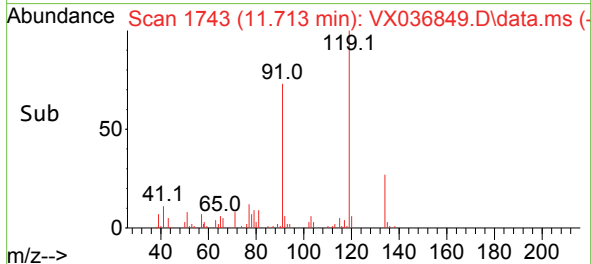
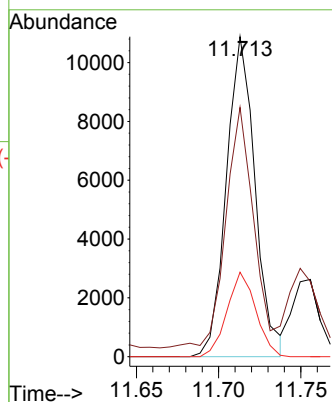
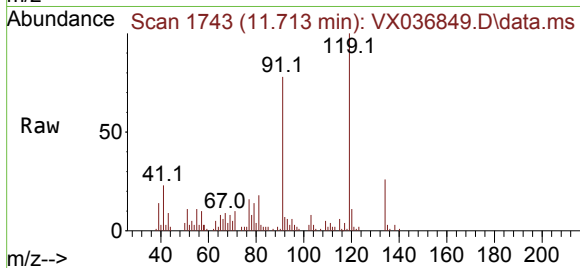
Tgt Ion:119 Resp: 13210

Ion Ratio Lower Upper

119 100

91 72.1 31.2 93.6

134 26.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 3.831 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036849.D

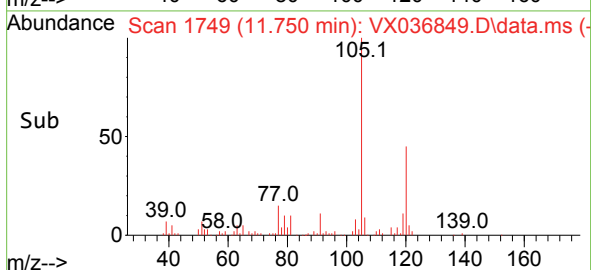
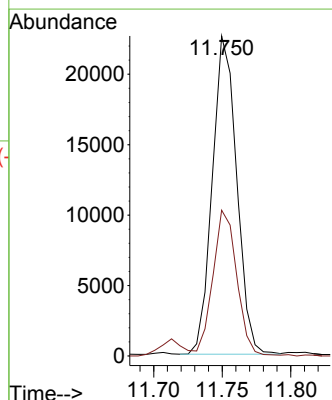
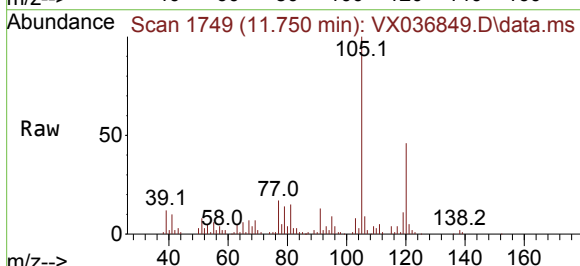
Acq: 07 Aug 2023 20:05

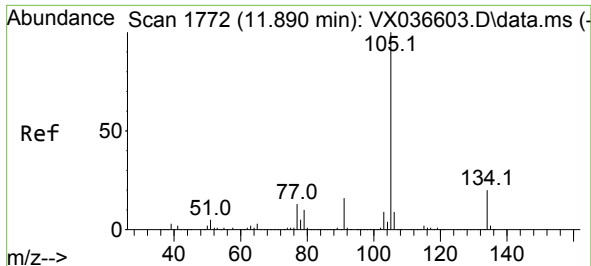
Tgt Ion:105 Resp: 27907

Ion Ratio Lower Upper

105 100

120 44.9 21.2 63.6

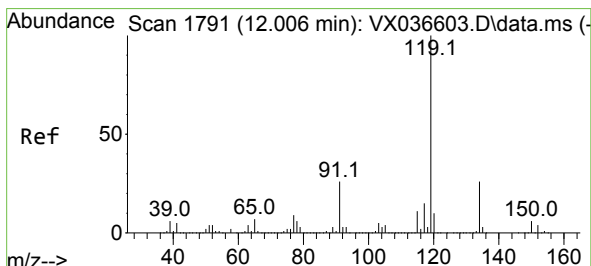
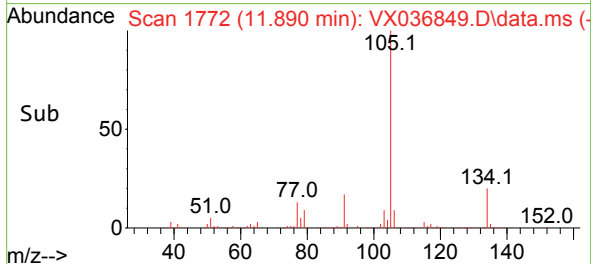
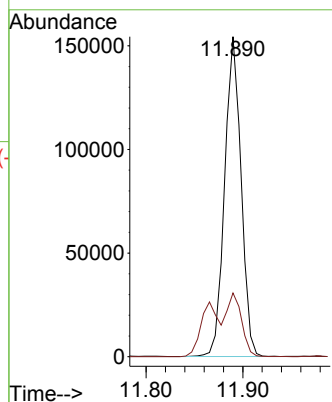
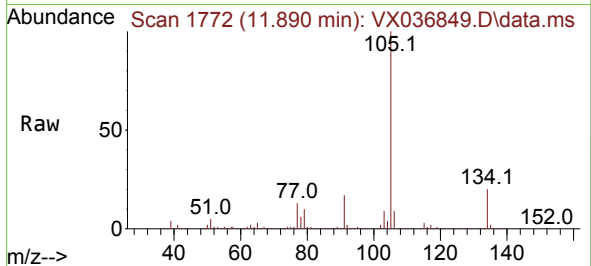




#85  
 sec-Butylbenzene  
 Concen: 20.336 ug/l  
 RT: 11.890 min Scan# 181457  
 Delta R.T. -0.000 min  
 Lab File: VX036849.D  
 Acq: 07 Aug 2023 20:05

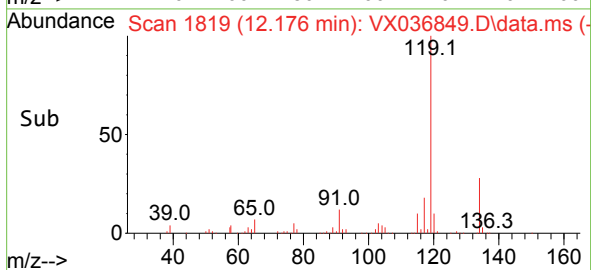
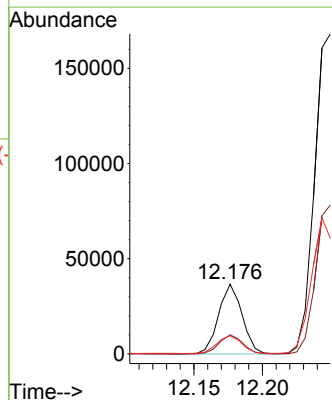
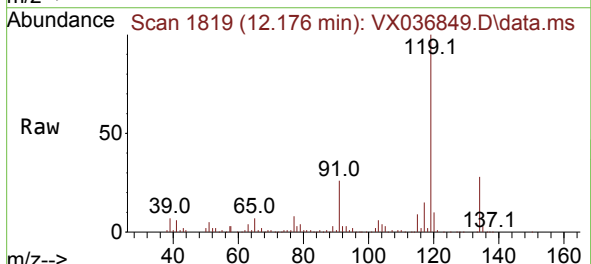
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-01W

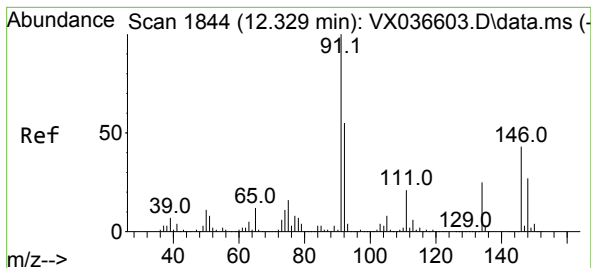
Tgt Ion:105 Resp: 181457  
 Ion Ratio Lower Upper  
 105 100  
 134 18.3 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 5.967 ug/l  
 RT: 12.176 min Scan# 1819  
 Delta R.T. 0.170 min  
 Lab File: VX036849.D  
 Acq: 07 Aug 2023 20:05

Tgt Ion:119 Resp: 43810  
 Ion Ratio Lower Upper  
 119 100  
 134 27.7 12.8 38.3  
 91 26.5 13.1 39.3

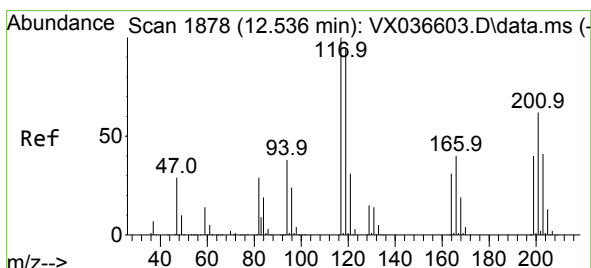
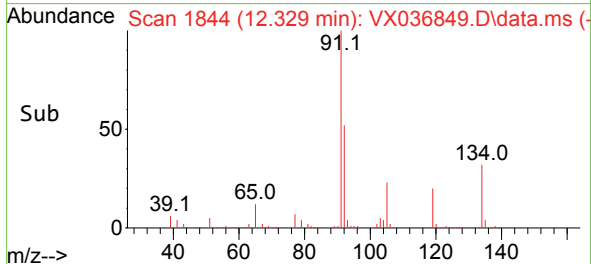
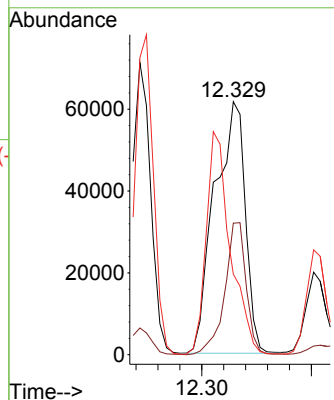
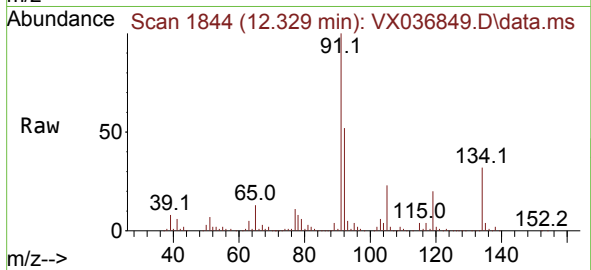




#89  
n-Butylbenzene  
Concen: 18.114 ug/l  
RT: 12.329 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

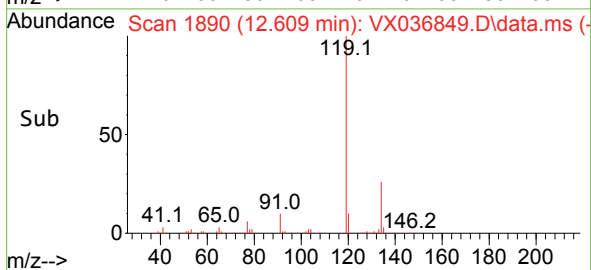
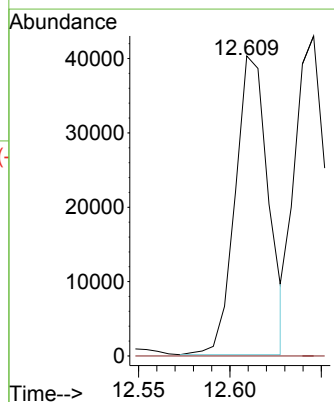
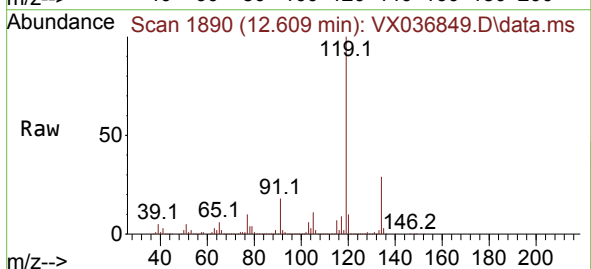
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

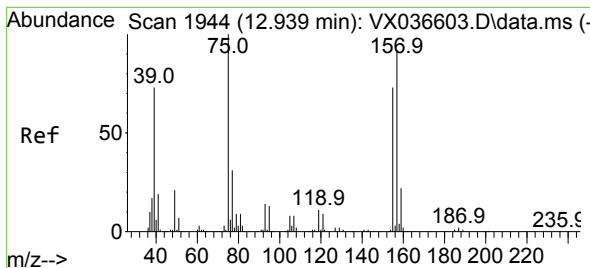
Tgt Ion: 91 Resp: 119053  
Ion Ratio Lower Upper  
91 100  
92 37.1 27.4 82.0  
134 0.0 12.6 37.8#



#90  
Hexachloroethane  
Concen: 34.095 ug/l  
RT: 12.609 min Scan# 1890  
Delta R.T. 0.073 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 117 Resp: 50748  
Ion Ratio Lower Upper  
117 100  
201 0.0 32.9 98.6#

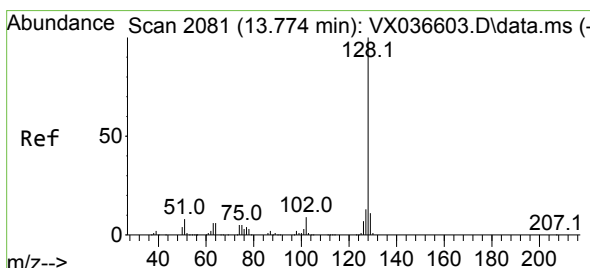
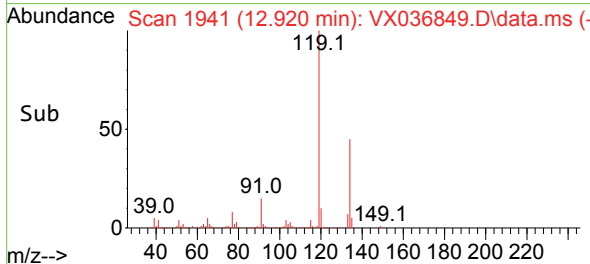
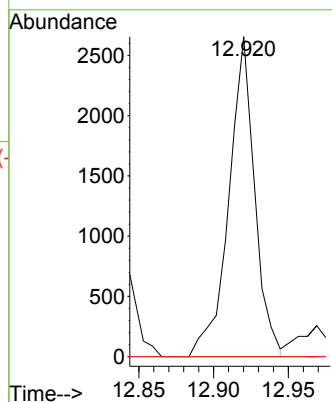
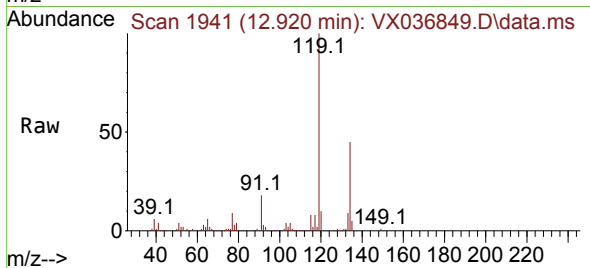




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.683 ug/l  
RT: 12.920 min Scan# 1944  
Delta R.T. -0.019 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01W

Tgt Ion: 75 Resp: 3200  
Ion Ratio Lower Upper  
75 100  
155 0.0 36.1 108.5#  
157 0.0 44.9 134.7#



#95  
Naphthalene  
Concen: 3.465 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX036849.D  
Acq: 07 Aug 2023 20:05

Tgt Ion: 128 Resp: 26363  
Ion Ratio Lower Upper  
128 100  
127 19.5 10.3 15.5#  
129 15.9 8.8 13.2#

