

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060222\  
 Data File : VU048806.D  
 Acq On : 02 Jun 2022 16:12  
 Operator : SY/MD  
 Sample : N3087-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-14

Quant Time: Jun 02 16:47:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.372  | 168   | 351344   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.247  | 114   | 581495   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 9.417  | 117   | 522944   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 272893   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.700  | 65    | 232243   | 44.014    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | =      | 88.020%  |
| 35) Dibromofluoromethane      | 5.288  | 113   | 182003   | 43.872    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 87.740%  |
| 50) Toluene-d8                | 7.896  | 98    | 705768   | 47.460    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | =      | 94.920%  |
| 62) 4-Bromofluorobenzene      | 10.632 | 95    | 270665   | 48.126    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 96.260%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 1.523  | 50    | 1361     | 0.263     | ug/l   | 90       |
| 5) Bromomethane               | 1.842  | 94    | 325      | Below Cal | #      | 61       |
| 6) Chloroethane               | 1.948  | 64    | 1620     | Below Cal | #      | 47       |
| 10) Methyl Iodide             | 2.719  | 142   | 240      | 3.045     | ug/l # | 37       |
| 11) Tert butyl alcohol        | 3.189  | 59    | 5561     | 4.157     | ug/l # | 33       |
| 13) Acrolein                  | 2.481  | 56    | 73       | Below Cal | #      | 81       |
| 16) Acetone                   | 2.623  | 43    | 5936     | 2.207     | ug/l # | 82       |
| 25) 2-Butanone                | 4.713  | 43    | 1311     | 0.339     | ug/l   | 95       |
| 31) Cyclohexane               | 5.369  | 56    | 29207    | 4.392     | ug/l # | 72       |
| 36) 1,1-Dichloropropene       | 5.372  | 75    | 27309    | 4.510     | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.372  | 117   | 35494    | 5.110     | ug/l # | 17       |
| 39) Methylcyclohexane         | 6.761  | 83    | 45455    | 7.160     | ug/l   | 97       |
| 40) Benzene                   | 5.774  | 78    | 11798    | 0.660     | ug/l   | 98       |
| 43) Isopropyl Acetate         | 5.922  | 43    | 2859     | 0.257     | ug/l # | 60       |
| 48) Methyl methacrylate       | 6.983  | 41    | 9269     | 1.859     | ug/l # | 59       |
| 52) Toluene                   | 7.970  | 92    | 15616    | 1.461     | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 8.369  | 97    | 5029     | 1.066     | ug/l # | 18       |
| 56) Ethyl methacrylate        | 8.369  | 69    | 1979     | 2.865     | ug/l # | 1        |
| 58) 2-Chloroethyl Vinyl ether | 7.401  | 63    | 80       | 29.799    | ug/l # | 47       |
| 59) 2-Hexanone                | 8.491  | 43    | 1603     | 0.271     | ug/l   | 67       |
| 64) Tetrachloroethene         | 8.568  | 164   | 94       | Below Cal | #      | 1        |
| 67) Ethyl Benzene             | 9.571  | 91    | 306618   | 16.437    | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.693  | 106   | 35267    | 4.834     | ug/l   | 99       |
| 69) o-Xylene                  | 10.102 | 106   | 39433    | 5.501     | ug/l   | 97       |
| 70) Styrene                   | 10.115 | 104   | 18934    | 1.606     | ug/l # | 71       |
| 73) Isopropylbenzene          | 10.484 | 105   | 1649562  | 93.630    | ug/l   | 100      |
| 74) N-amyl acetate            | 10.320 | 43    | 215      | 2.490     | ug/l # | 41       |
| 76) 1,2,3-Trichloropropane    | 10.906 | 75    | 11193    | 1.272     | ug/l # | 1        |
| 78) n-propylbenzene           | 10.906 | 91    | 1879997  | 89.553    | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.021 | 91    | 99701    | 7.637     | ug/l # | 44       |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105   | 430371   | 28.090    | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 10.484 | 75    | 18332    | 7.565     | ug/l # | 54       |
| 82) 4-Chlorotoluene           | 11.021 | 91    | 99701    | 6.619     | ug/l # | 49       |
| 83) tert-Butylbenzene         | 11.471 | 119   | 1296710  | 88.184    | ug/l # | 58       |
| 84) 1,2,4-Trimethylbenzene    | 11.471 | 105   | 10692686 | 633.392   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.471 | 105   | 10692686 | 581.252   | ug/l # | 58       |

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 Sample : N3087-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

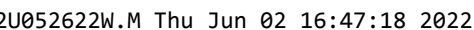
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-14

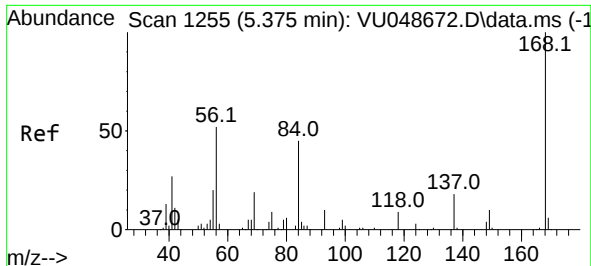
Quant Time: Jun 02 16:47:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 86) p-Isopropyltoluene        | 11.745 | 119  | 262674   | 16.627 | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.192 | 91   | 325986   | 21.900 | ug/l # | 14       |
| 90) Hexachloroethane          | 12.494 | 117  | 242724   | 75.285 | ug/l # | 10       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.973 | 75   | 5536     | 2.674  | ug/l # | 4        |

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

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Quant Title : SW846 8260  
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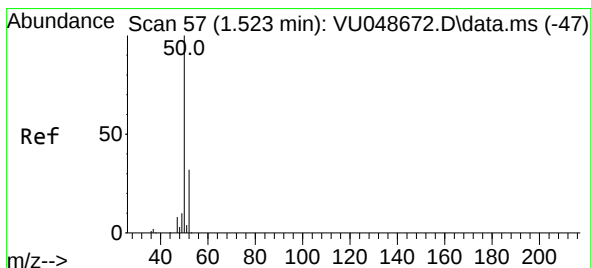
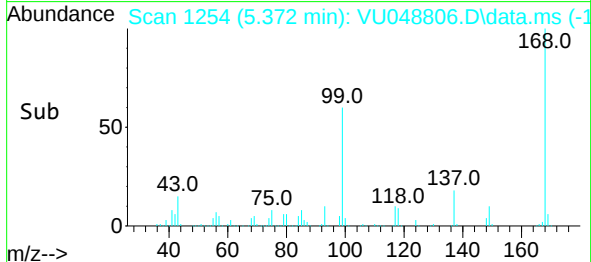
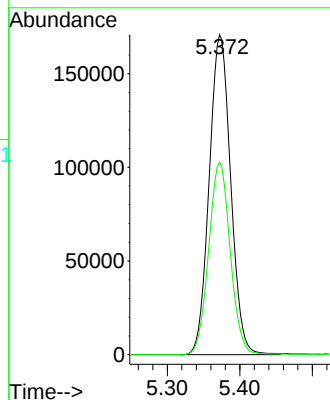
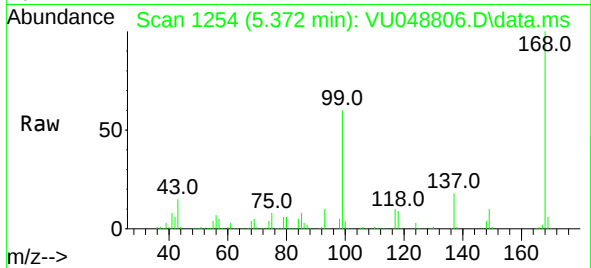




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

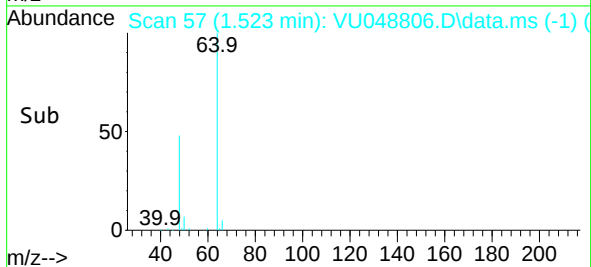
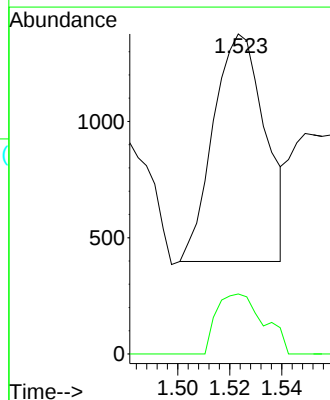
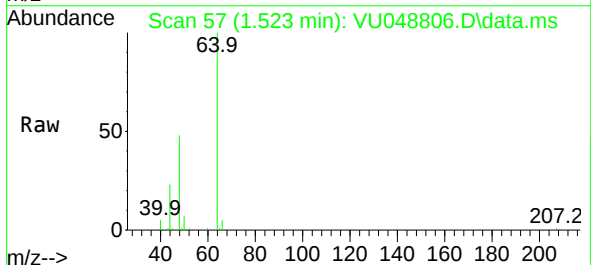
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

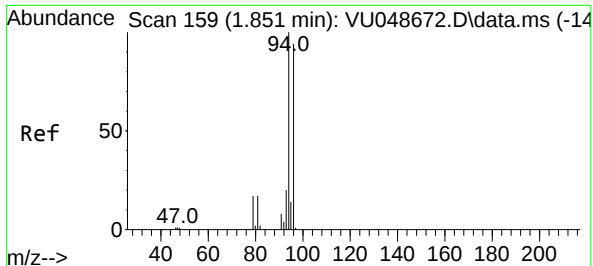
Tgt Ion:168 Resp: 351344  
Ion Ratio Lower Upper  
168 100  
99 60.2 49.3 73.9



#3  
Chloromethane  
Concen: 0.263 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 50 Resp: 1361  
Ion Ratio Lower Upper  
50 100  
52 26.4 25.7 38.5

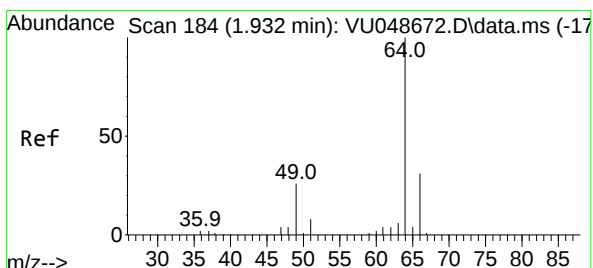
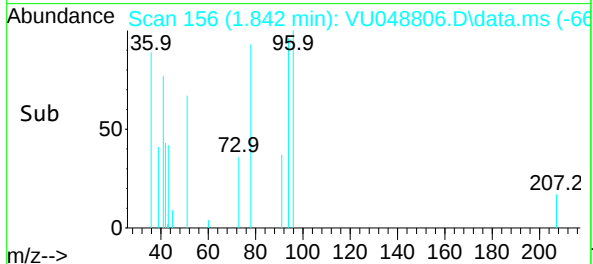
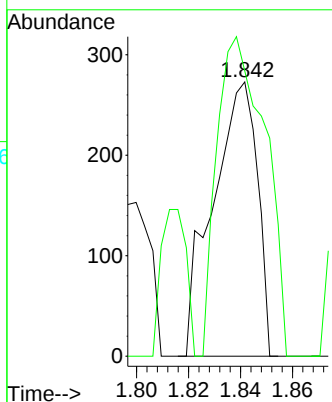
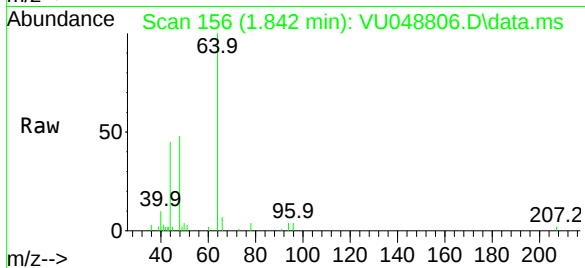




#5  
Bromomethane  
Concen: Below Cal  
RT: 1.842 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

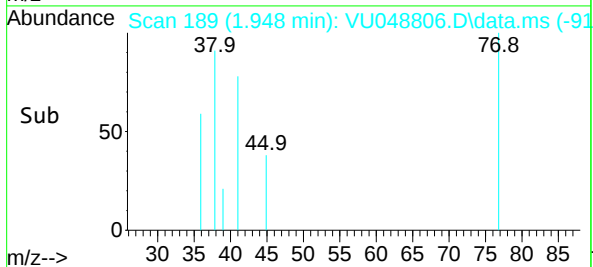
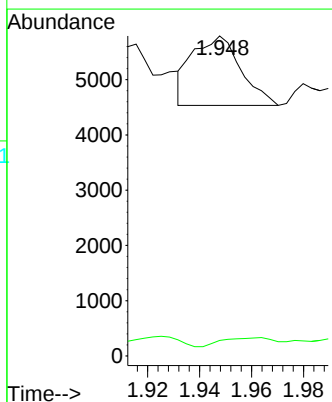
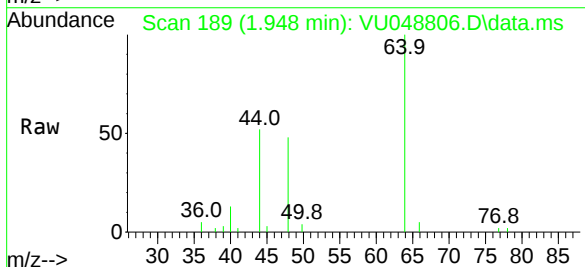
Instrument :  
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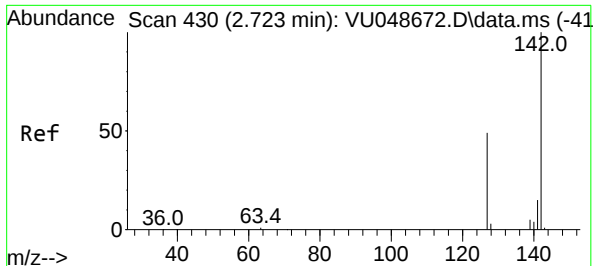
Tgt Ion: 94 Resp: 325  
Ion Ratio Lower Upper  
94 100  
96 56.0 75.1 112.7#



#6  
Chloroethane  
Concen: Below Cal  
RT: 1.948 min Scan# 189  
Delta R.T. 0.016 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 64 Resp: 1620  
Ion Ratio Lower Upper  
64 100  
66 1.9 25.2 37.8#

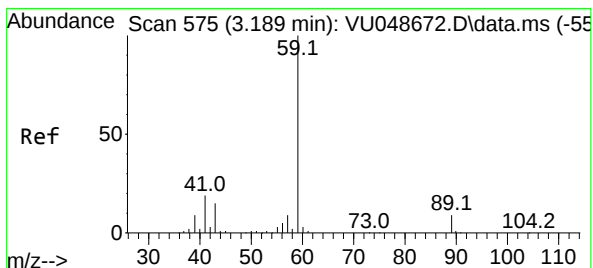
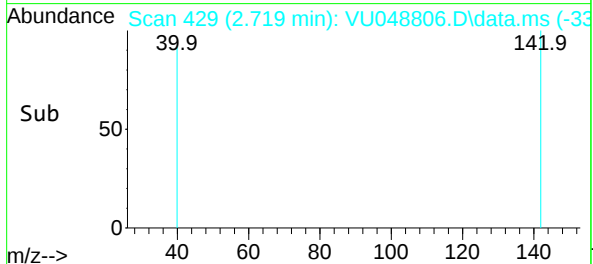
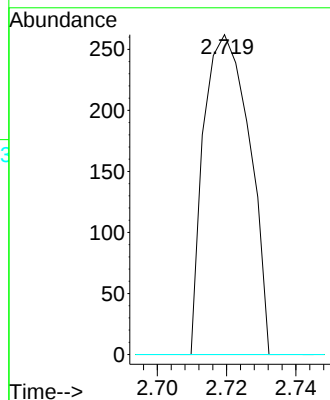
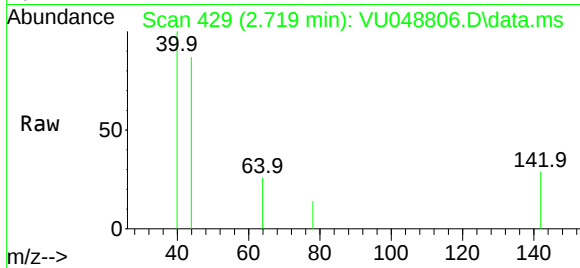




#10  
Methyl Iodide  
Concen: 3.045 ug/l  
RT: 2.719 min Scan# 41  
Delta R.T. -0.004 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

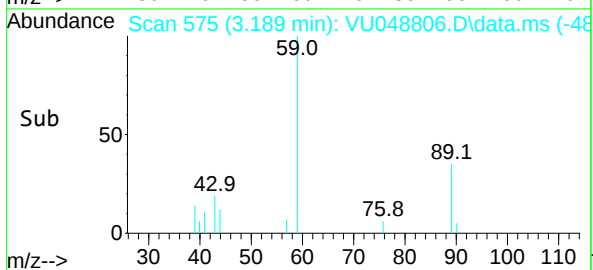
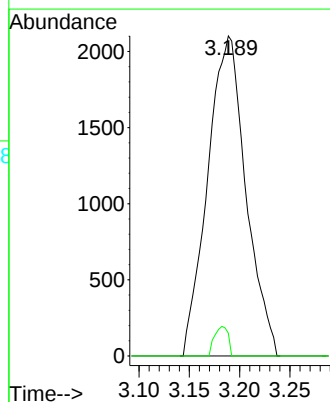
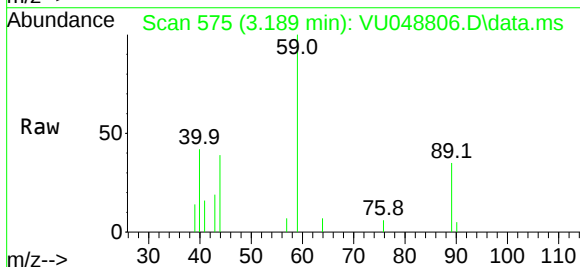
Instrument :  
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ClientSampleId :  
MW-14

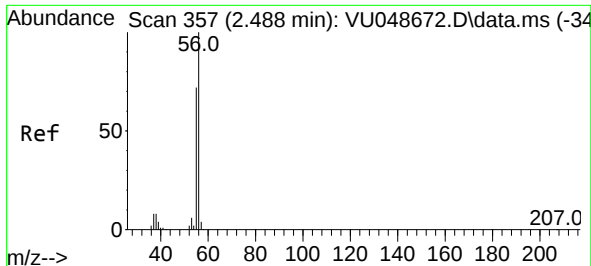
Tgt Ion:142 Resp: 240  
Ion Ratio Lower Upper  
142 100  
127 0.0 38.4 57.6#  
141 0.0 11.5 17.3#



#11  
Tert butyl alcohol  
Concen: 4.157 ug/l  
RT: 3.189 min Scan# 575  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 59 Resp: 5561  
Ion Ratio Lower Upper  
59 100  
57 3.3 39.7 59.5#

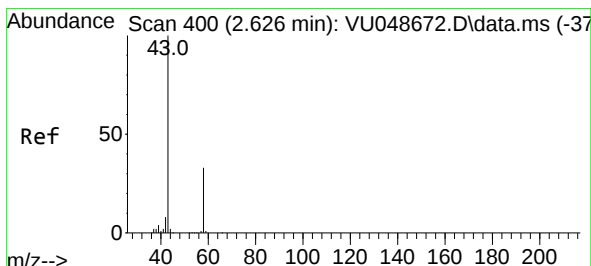
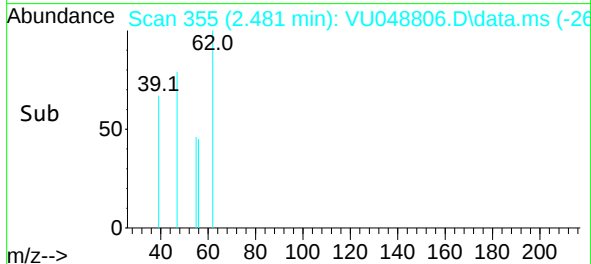
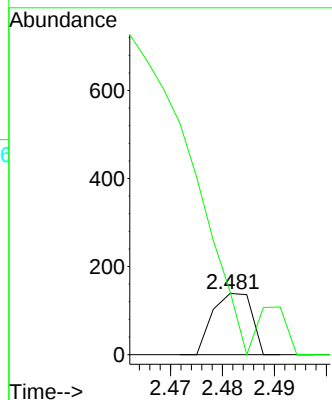
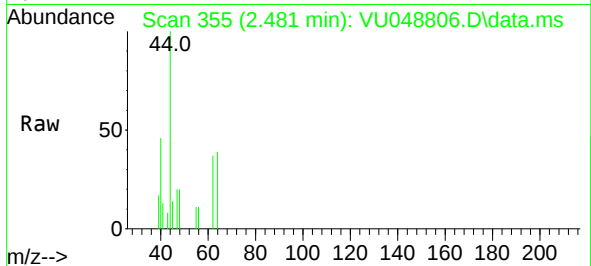




#13  
Acrolein  
Concen: Below Cal  
RT: 2.481 min Scan# 311  
Delta R.T. -0.007 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

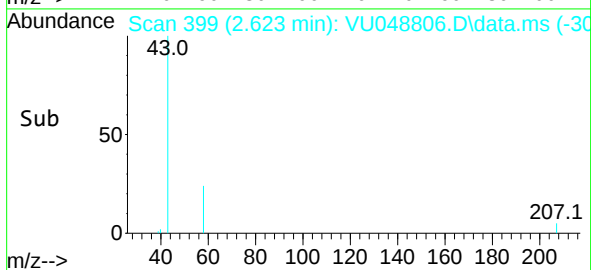
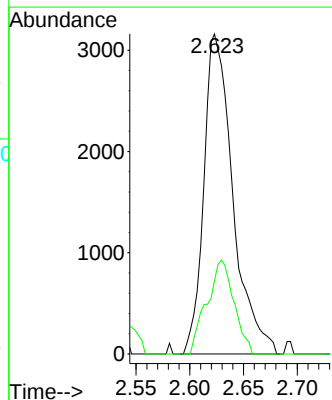
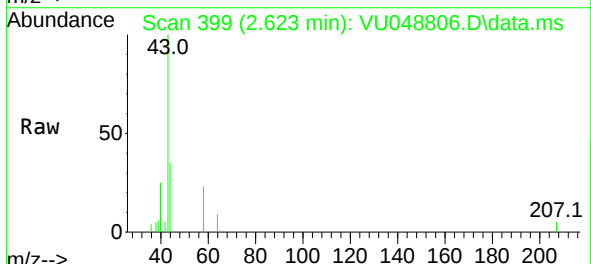
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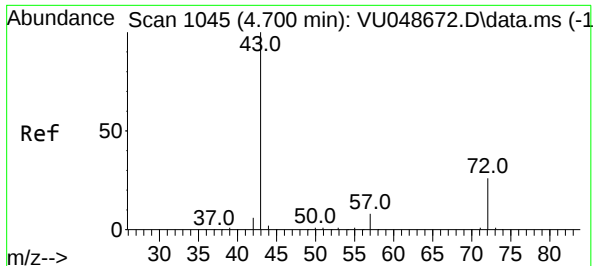
Tgt Ion: 56 Resp: 73  
Ion Ratio Lower Upper  
56 100  
55 56.2 57.7 86.5#



#16  
Acetone  
Concen: 2.207 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 43 Resp: 5936  
Ion Ratio Lower Upper  
43 100  
58 22.8 26.3 39.5#





#25

2-Butanone

Concen: 0.339 ug/l

RT: 4.713 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU048806.D

Acq: 02 Jun 2022 16:12

Instrument :

MSVOA\_U

ClientSampleId :

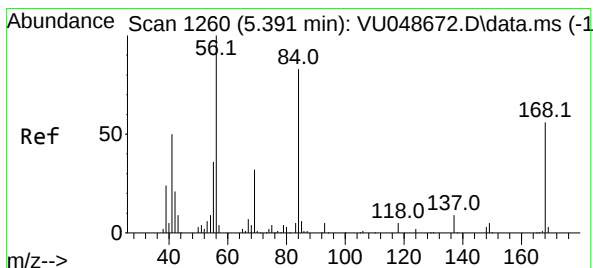
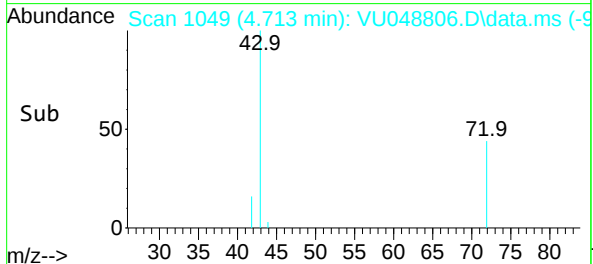
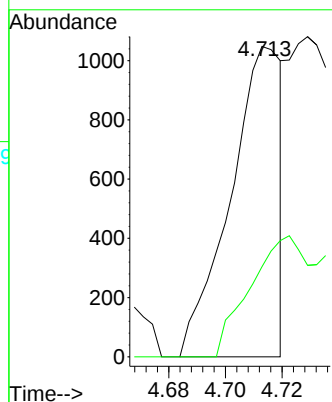
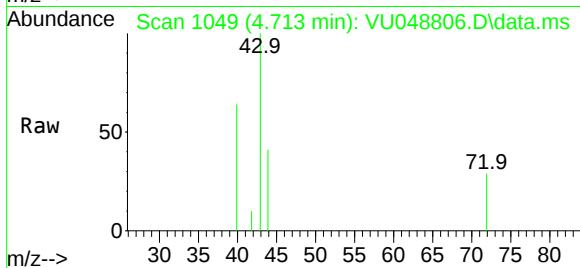
MW-14

Tgt Ion: 43 Resp: 1311

Ion Ratio Lower Upper

43 100

72 29.0 21.1 31.7



#31

Cyclohexane

Concen: 4.392 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.023 min

Lab File: VU048806.D

Acq: 02 Jun 2022 16:12

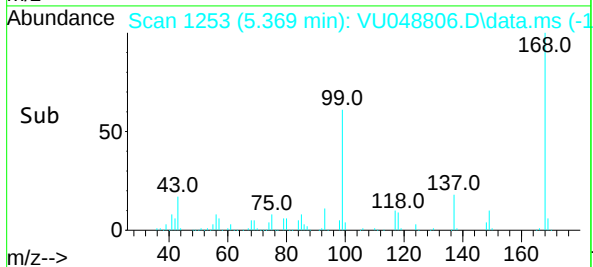
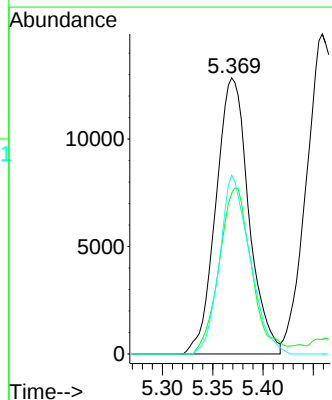
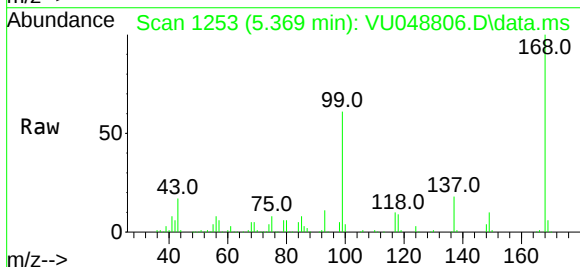
Tgt Ion: 56 Resp: 29207

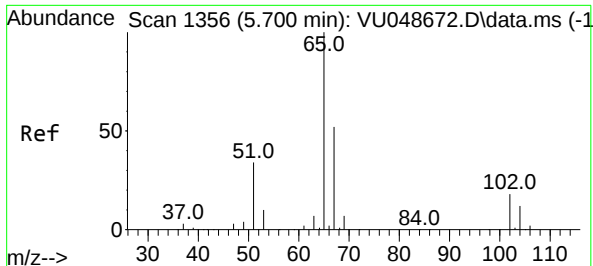
Ion Ratio Lower Upper

56 100

69 58.2 25.6 38.4#

84 64.7 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 44.014 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048806.D

Acq: 02 Jun 2022 16:12

Instrument :

MSVOA\_U

ClientSampleId :

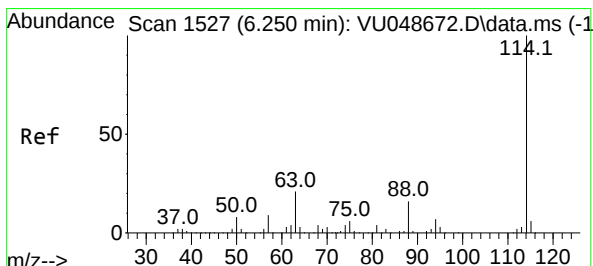
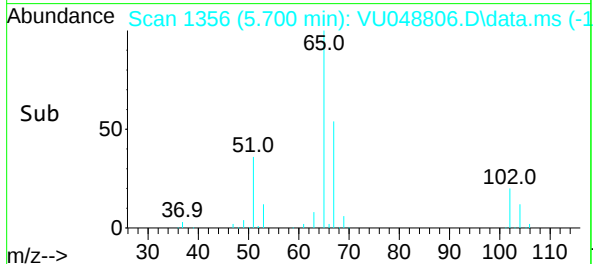
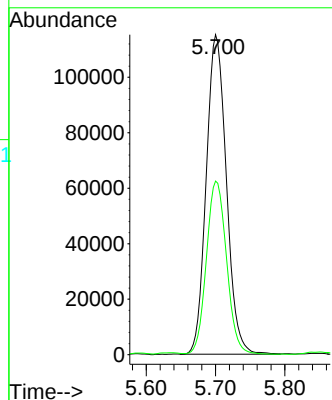
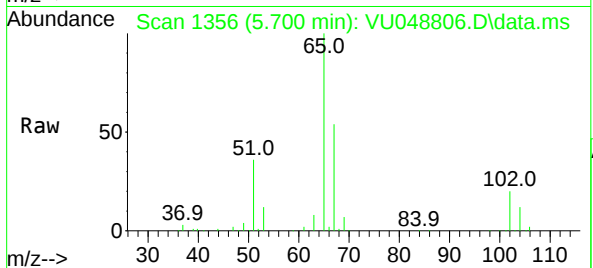
MW-14

Tgt Ion: 65 Resp: 232243

Ion Ratio Lower Upper

65 100

67 54.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048806.D

Acq: 02 Jun 2022 16:12

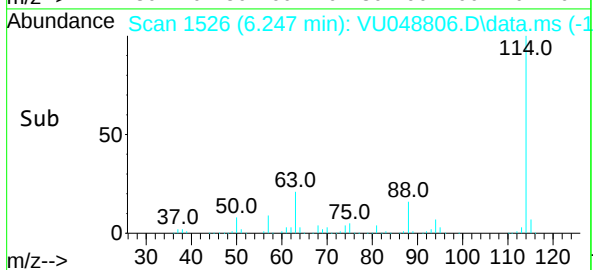
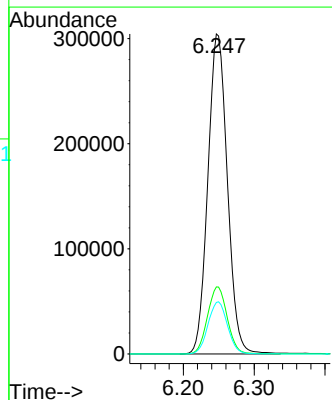
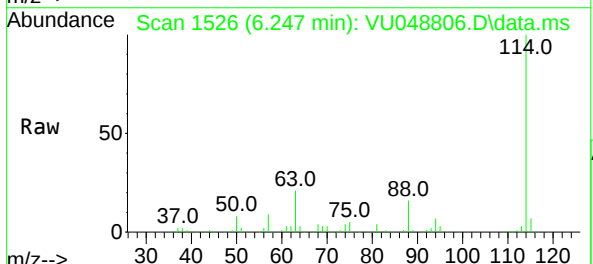
Tgt Ion: 114 Resp: 581495

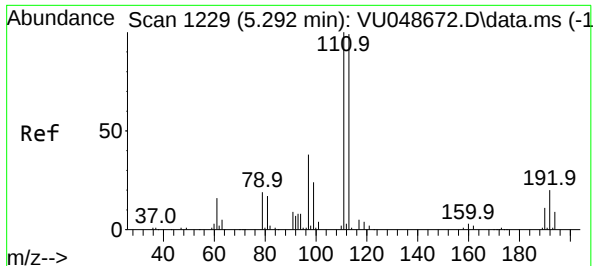
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 43.872 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048806.D

Acq: 02 Jun 2022 16:12

Instrument :

MSVOA\_U

ClientSampleId :

MW-14

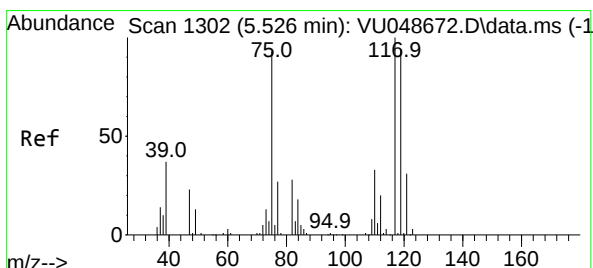
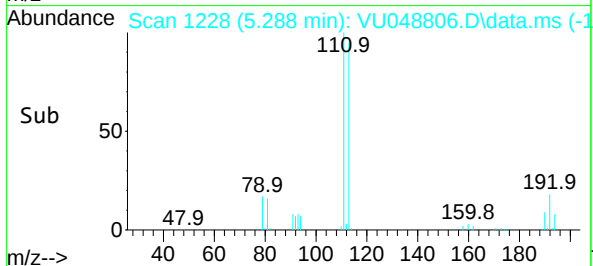
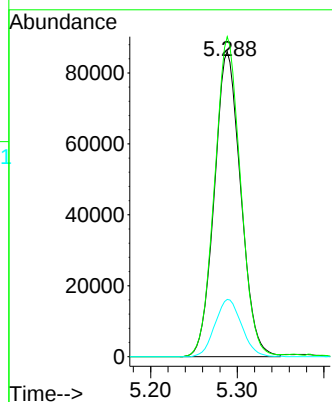
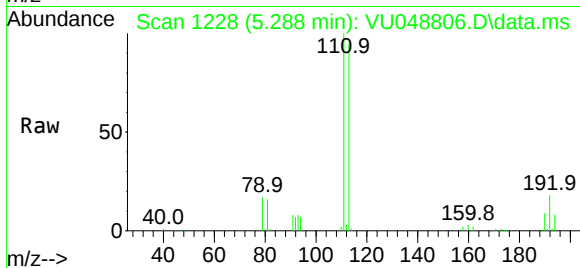
Tgt Ion:113 Resp: 182003

Ion Ratio Lower Upper

113 100

111 103.3 80.7 121.1

192 19.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.510 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048806.D

Acq: 02 Jun 2022 16:12

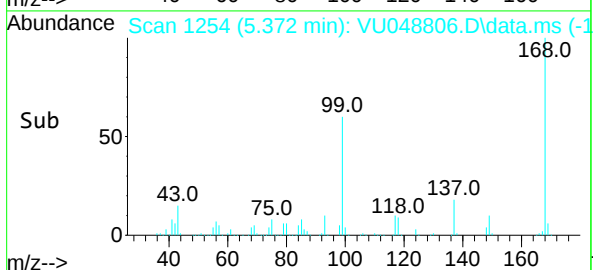
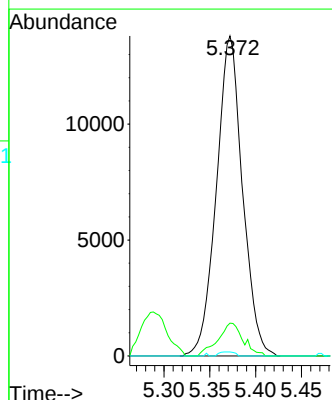
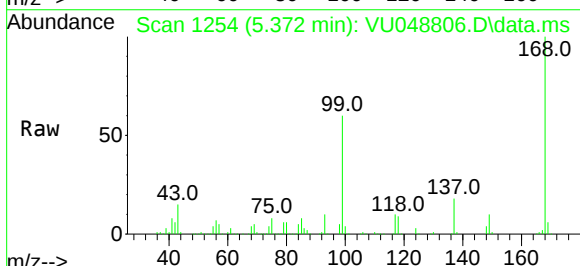
Tgt Ion: 75 Resp: 27309

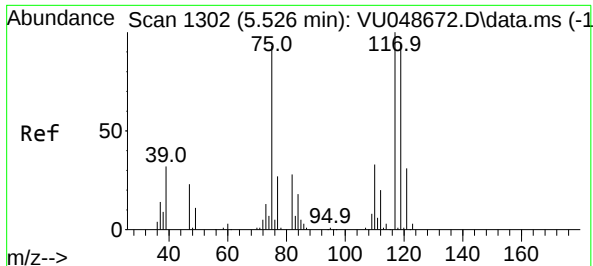
Ion Ratio Lower Upper

75 100

110 9.9 17.4 52.3#

77 0.8 24.8 37.2#

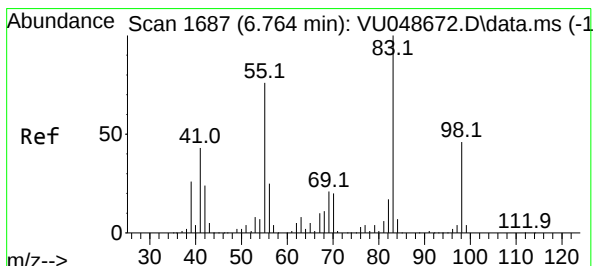
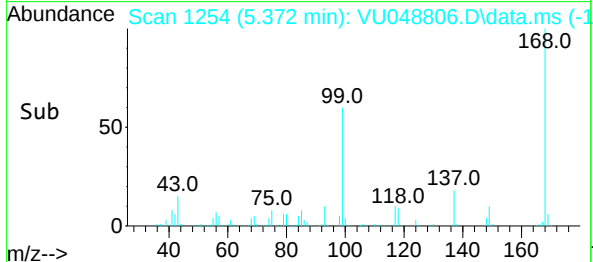
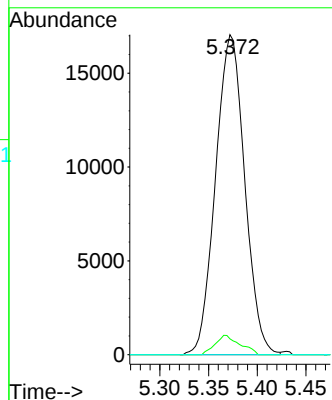
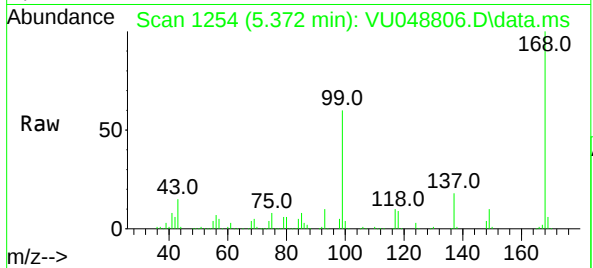




#38  
Carbon Tetrachloride  
Concen: 5.110 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.154 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

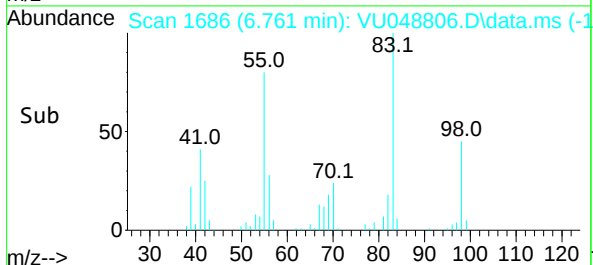
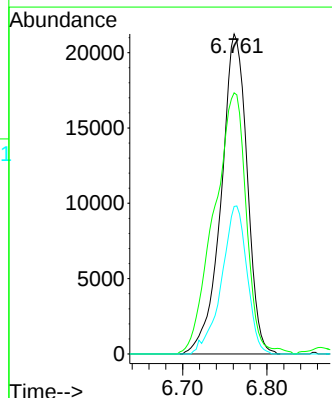
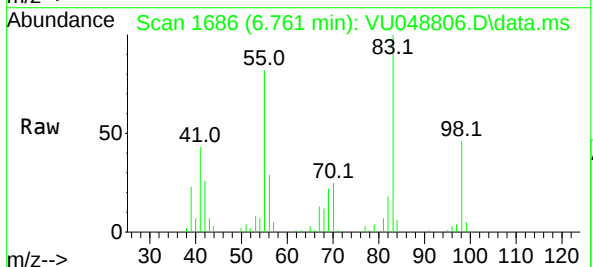
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

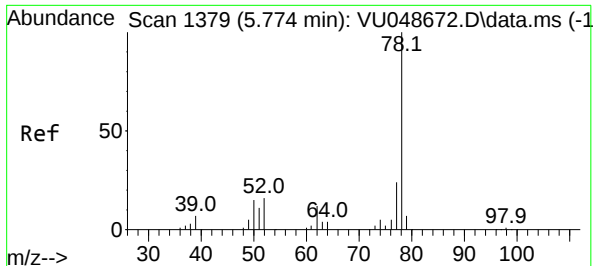
Tgt Ion:117 Resp: 35494  
Ion Ratio Lower Upper  
117 100  
119 5.0 75.4 113.2#  
121 0.0 24.6 36.8#



#39  
Methylcyclohexane  
Concen: 7.160 ug/l  
RT: 6.761 min Scan# 1686  
Delta R.T. -0.003 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 83 Resp: 45455  
Ion Ratio Lower Upper  
83 100  
55 81.0 61.0 91.6  
98 46.1 36.8 55.2

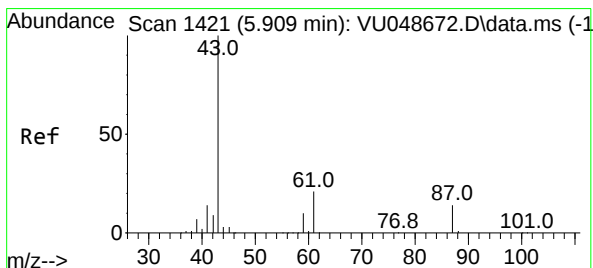
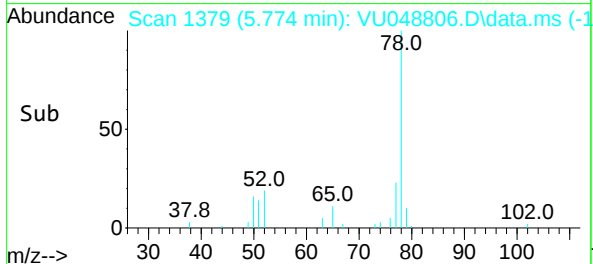
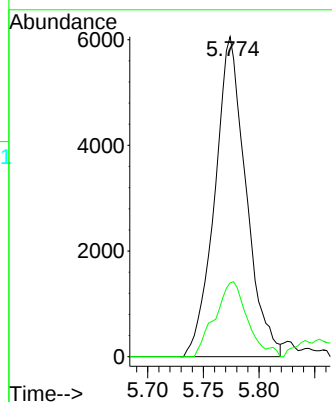
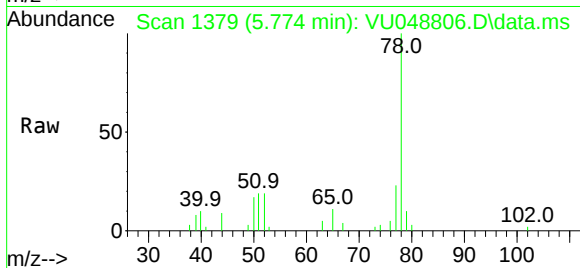




#40  
Benzene  
Concen: 0.660 ug/l  
RT: 5.774 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

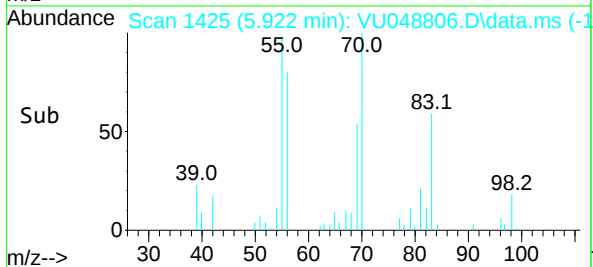
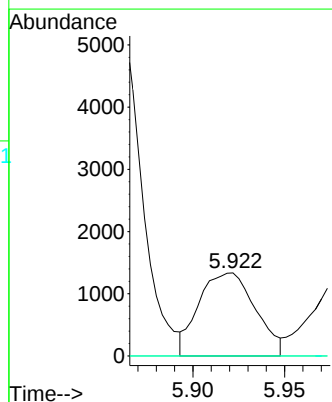
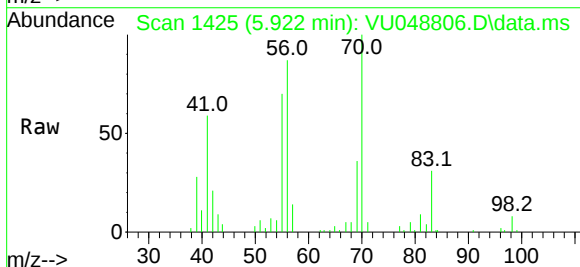
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

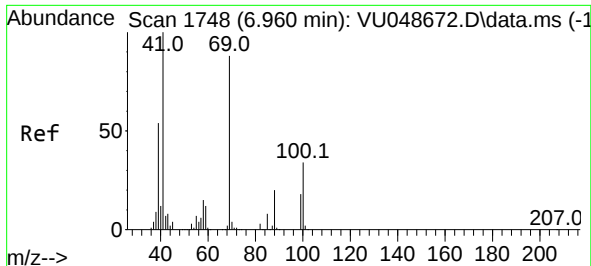
Tgt Ion: 78 Resp: 11798  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.0 28.6



#43  
Isopropyl Acetate  
Concen: 0.257 ug/l  
RT: 5.922 min Scan# 1425  
Delta R.T. 0.013 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 43 Resp: 2859  
Ion Ratio Lower Upper  
43 100  
61 0.0 16.7 25.1#  
87 0.0 10.9 16.3#





#48

Methyl methacrylate

Concen: 1.859 ug/l

RT: 6.983 min Scan# 11

Delta R.T. 0.022 min

Lab File: VU048806.D

Acq: 02 Jun 2022 16:12

Instrument :

MSVOA\_U

ClientSampleId :

MW-14

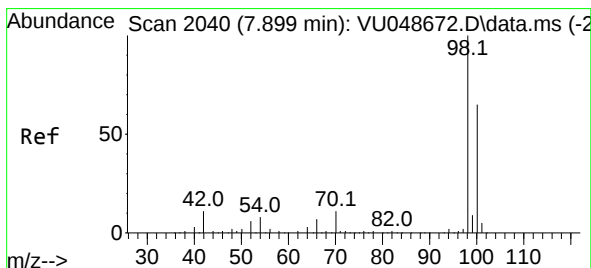
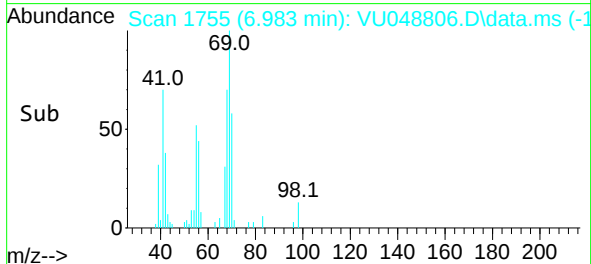
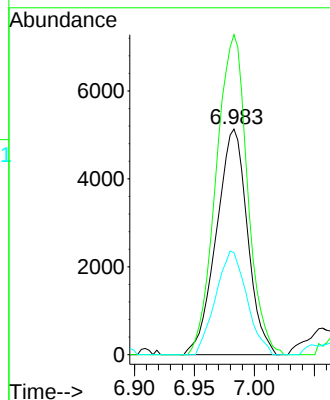
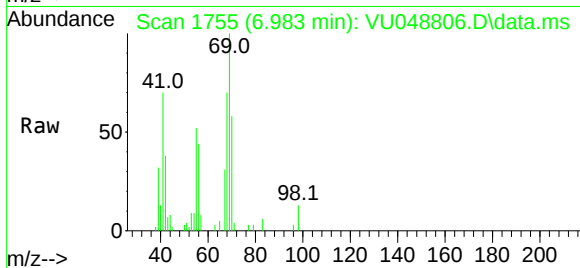
Tgt Ion: 41 Resp: 9269

Ion Ratio Lower Upper

41 100

69 142.8 70.7 106.1#

39 45.8 43.4 65.2



#50

Toluene-d8

Concen: 47.460 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048806.D

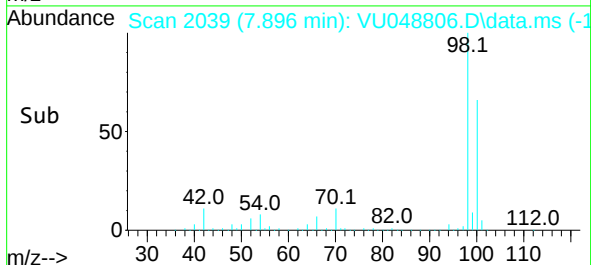
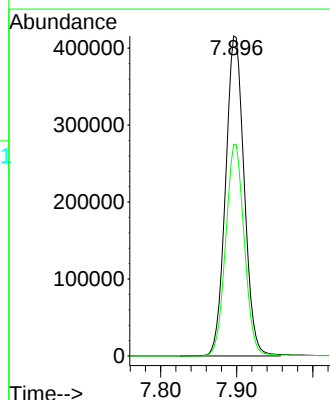
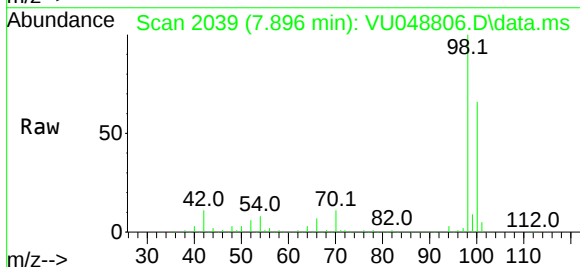
Acq: 02 Jun 2022 16:12

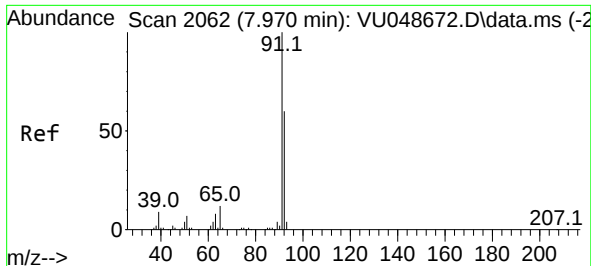
Tgt Ion: 98 Resp: 705768

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.4

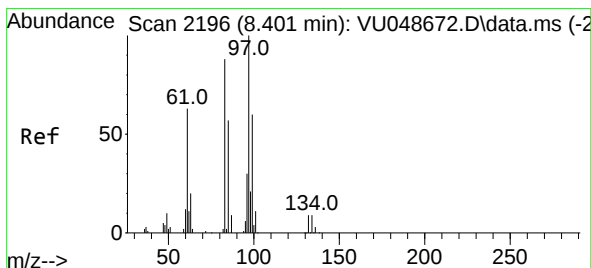
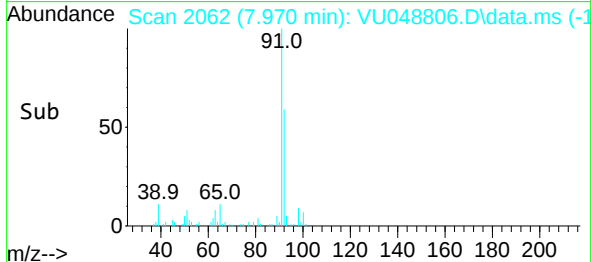
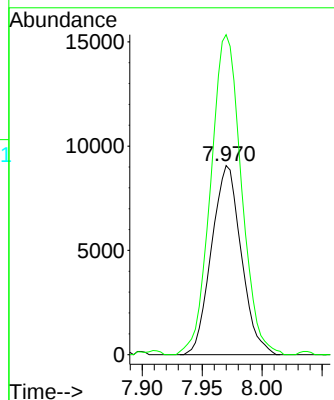
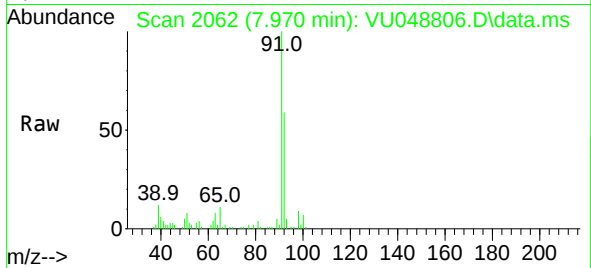




#52  
Toluene  
Concen: 1.461 ug/l  
RT: 7.970 min Scan# 2062  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

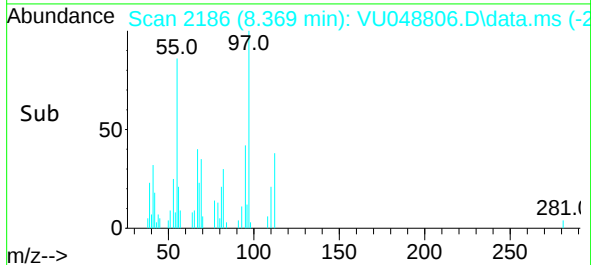
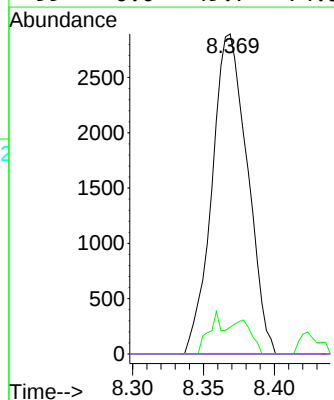
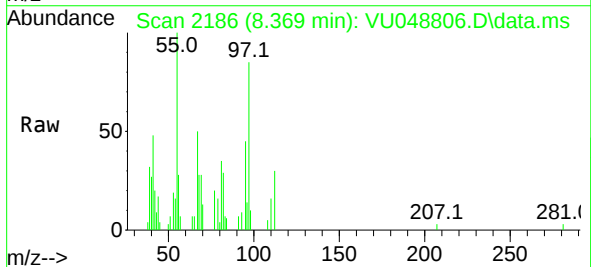
Instrument : MSVOA\_U  
ClientSampleId : MW-14

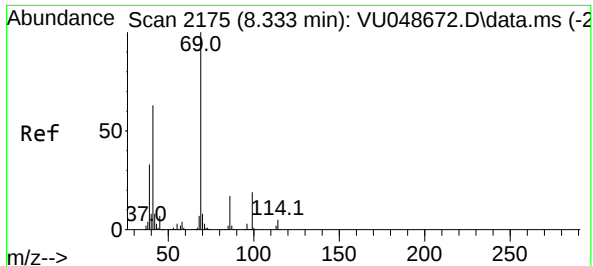
Tgt Ion: 92 Resp: 15616  
Ion Ratio Lower Upper  
92 100  
91 174.7 135.0 202.4



#55  
1,1,2-Trichloroethane  
Concen: 1.066 ug/l  
RT: 8.369 min Scan# 2186  
Delta R.T. -0.032 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 97 Resp: 5029  
Ion Ratio Lower Upper  
97 100  
83 8.3 70.2 105.4#  
85 0.0 45.6 68.4#  
99 0.0 49.7 74.5#

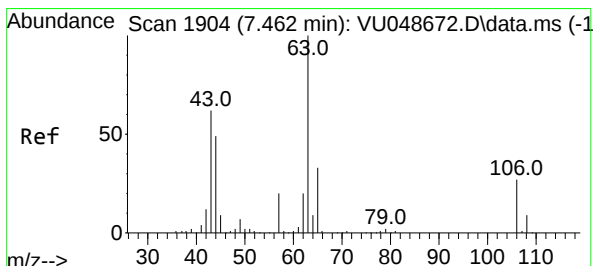
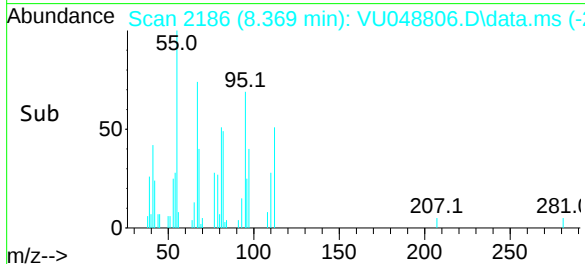
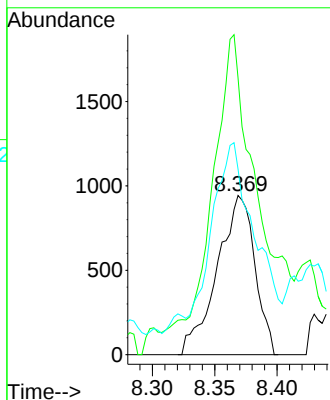
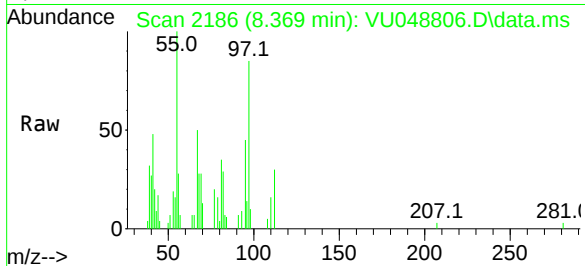




#56  
 Ethyl methacrylate  
 Concen: 2.865 ug/l  
 RT: 8.369 min Scan# 2175  
 Delta R.T. 0.036 min  
 Lab File: VU048806.D  
 Acq: 02 Jun 2022 16:12

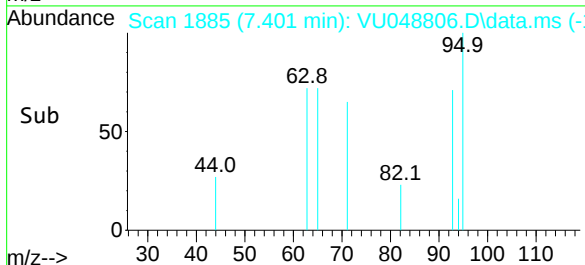
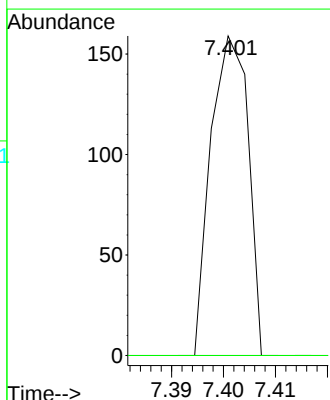
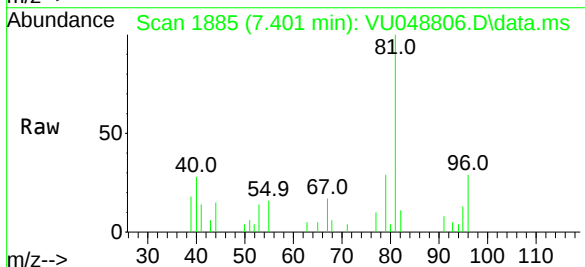
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-14

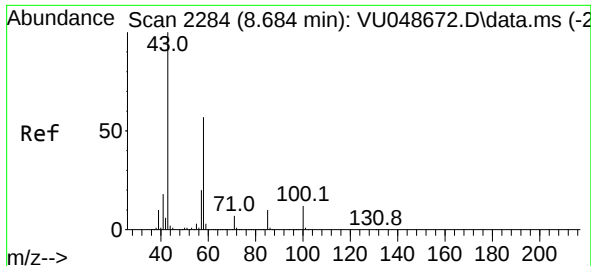
Tgt Ion: 69 Resp: 1979  
 Ion Ratio Lower Upper  
 69 100  
 41 210.2 50.6 76.0#  
 39 114.1 26.6 40.0#



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 29.799 ug/l  
 RT: 7.401 min Scan# 1885  
 Delta R.T. -0.061 min  
 Lab File: VU048806.D  
 Acq: 02 Jun 2022 16:12

Tgt Ion: 63 Resp: 80  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 22.2 33.2#

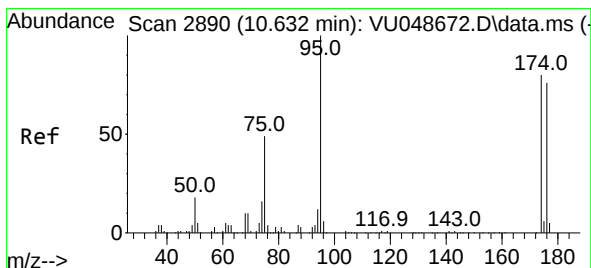
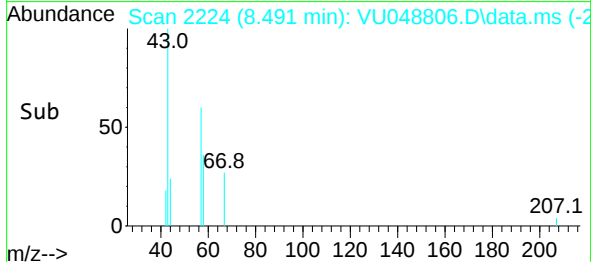
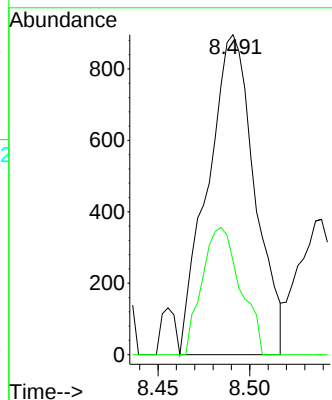
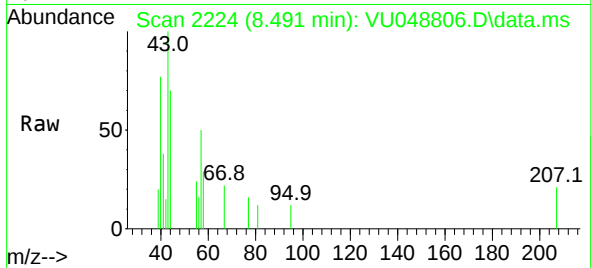




#59  
2-Hexanone  
Concen: 0.271 ug/l  
RT: 8.491 min Scan# 21  
Delta R.T. -0.193 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

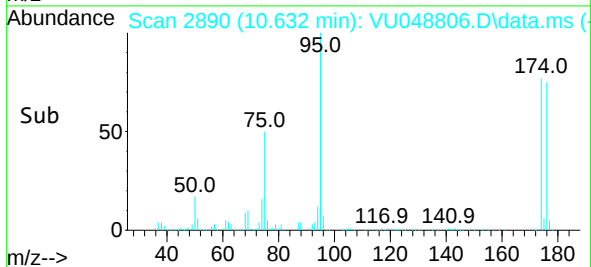
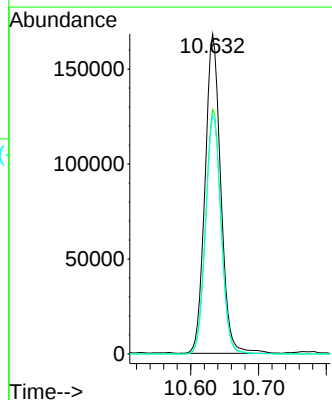
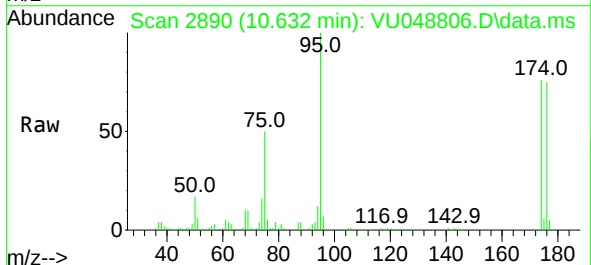
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

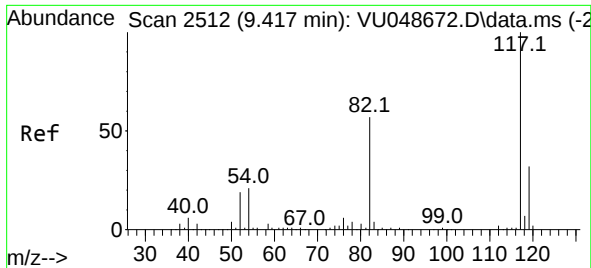
Tgt Ion: 43 Resp: 1603  
Ion Ratio Lower Upper  
43 100  
58 32.3 28.2 84.6



#62  
4-Bromofluorobenzene  
Concen: 48.126 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 95 Resp: 270665  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 159.4  
176 73.5 0.0 152.4

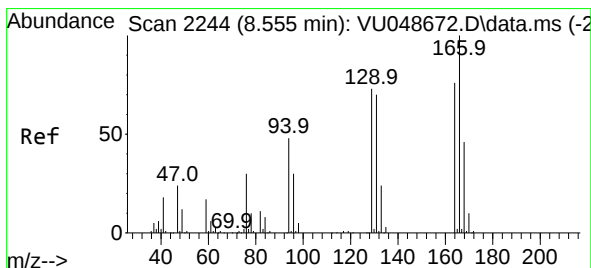
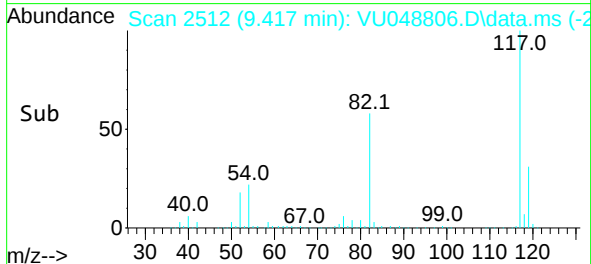
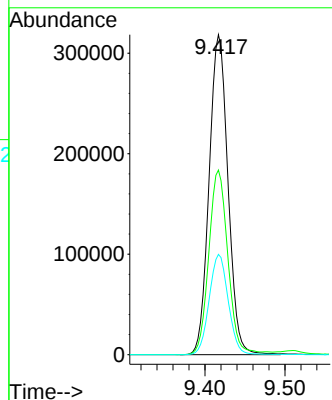
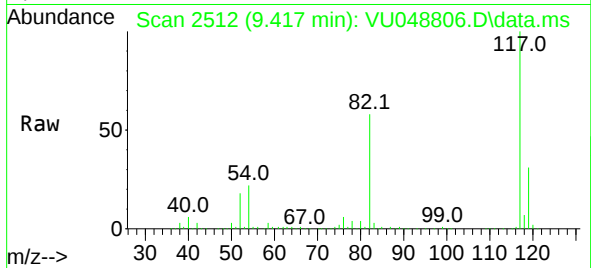




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

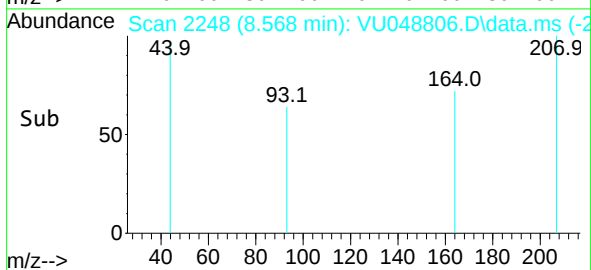
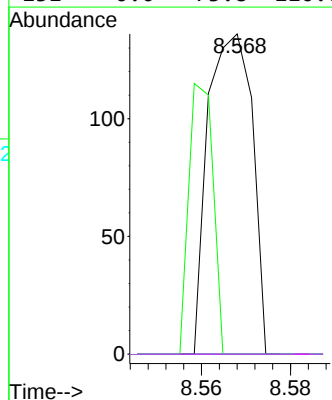
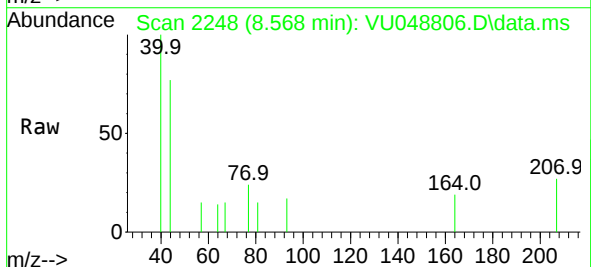
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

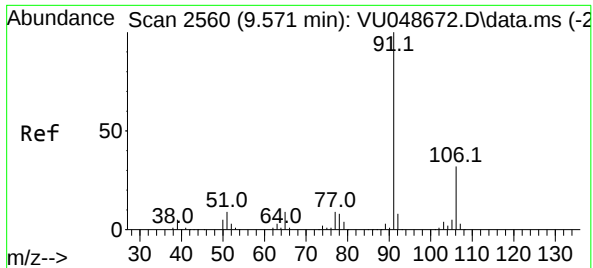
Tgt Ion:117 Resp: 522944  
Ion Ratio Lower Upper  
117 100  
82 57.6 45.3 67.9  
119 31.4 25.4 38.2



#64  
Tetrachloroethene  
Concen: Below Cal  
RT: 8.568 min Scan# 2248  
Delta R.T. 0.013 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion:164 Resp: 94  
Ion Ratio Lower Upper  
164 100  
166 0.0 105.0 157.4#  
129 0.0 76.5 114.7#  
131 0.0 73.8 110.6#

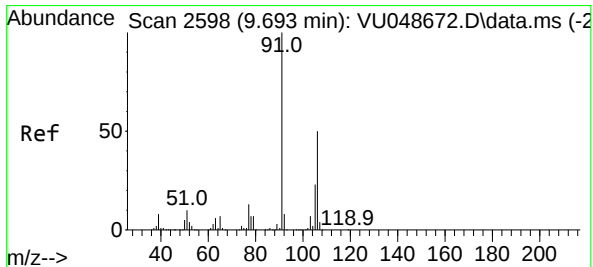
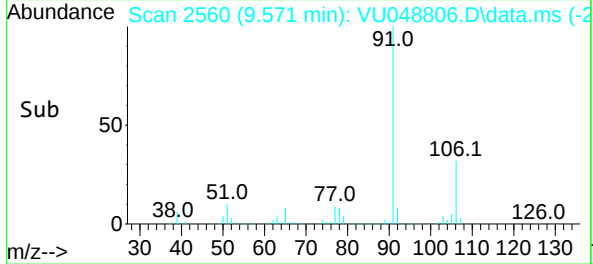
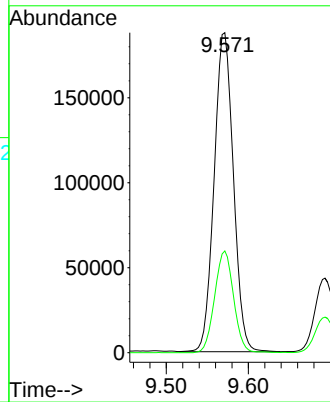
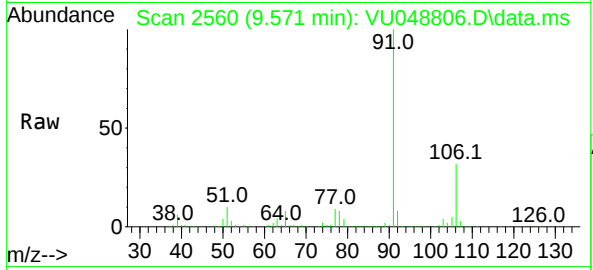




#67  
Ethyl Benzene  
Concen: 16.437 ug/l  
RT: 9.571 min Scan# 2560  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

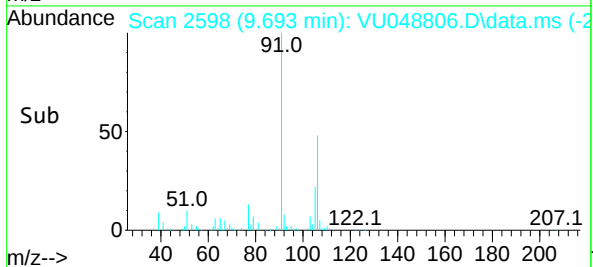
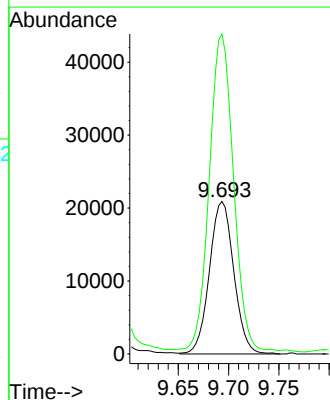
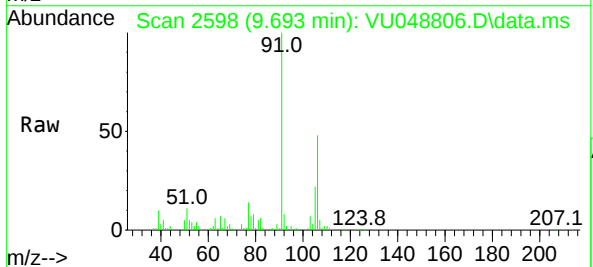
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

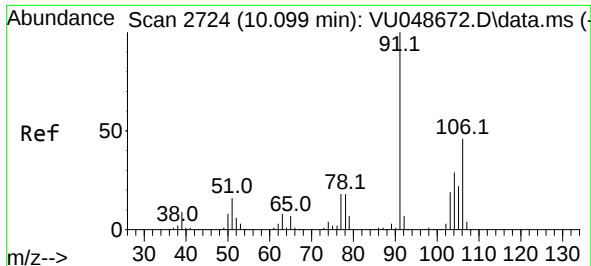
Tgt Ion: 91 Resp: 306618  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.4 38.2



#68  
m/p-Xylenes  
Concen: 4.834 ug/l  
RT: 9.693 min Scan# 2598  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 106 Resp: 35267  
Ion Ratio Lower Upper  
106 100  
91 204.5 162.4 243.6

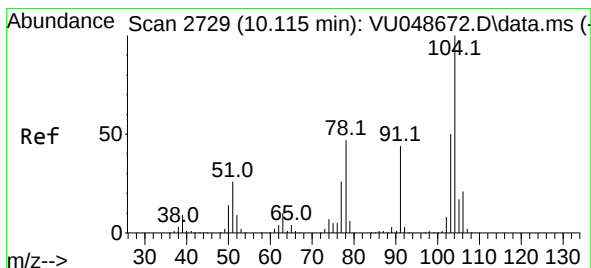
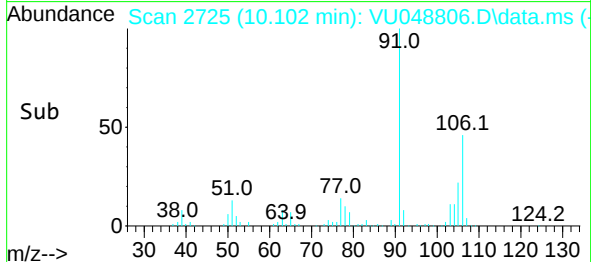
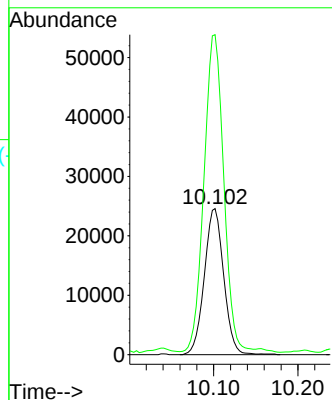
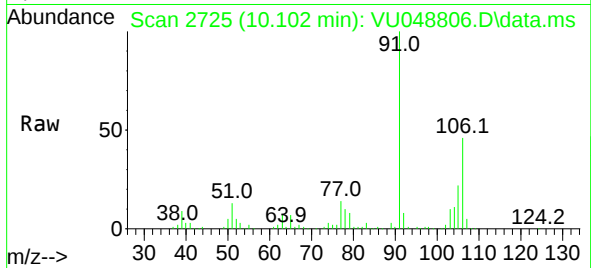




#69  
o-Xylene  
Concen: 5.501 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. 0.003 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

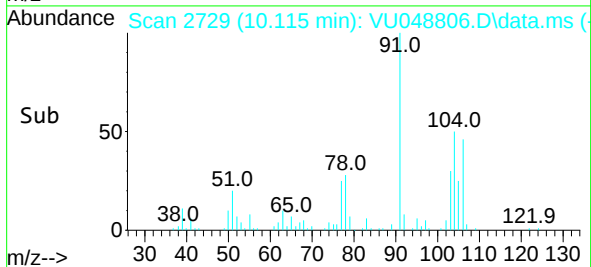
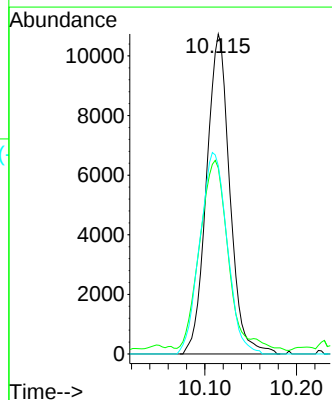
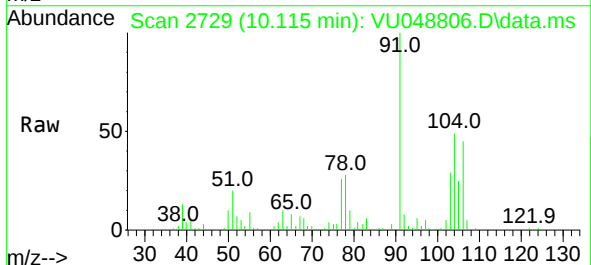
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

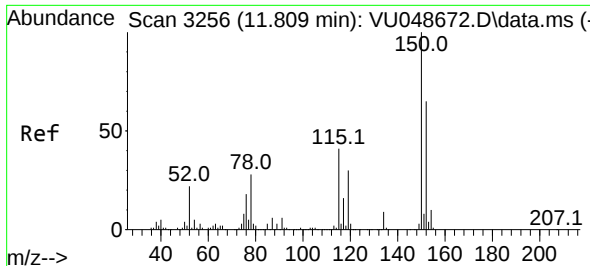
Tgt Ion:106 Resp: 39433  
Ion Ratio Lower Upper  
106 100  
91 220.4 107.7 323.3



#70  
Styrene  
Concen: 1.606 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion:104 Resp: 18934  
Ion Ratio Lower Upper  
104 100  
78 73.0 41.2 61.8#  
103 74.1 43.4 65.2#

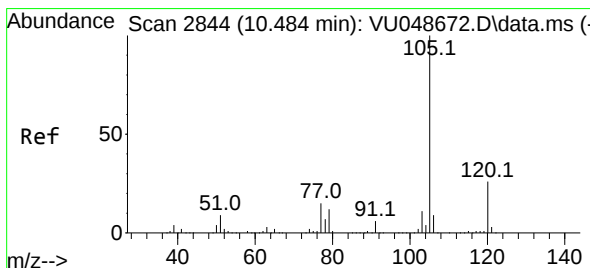
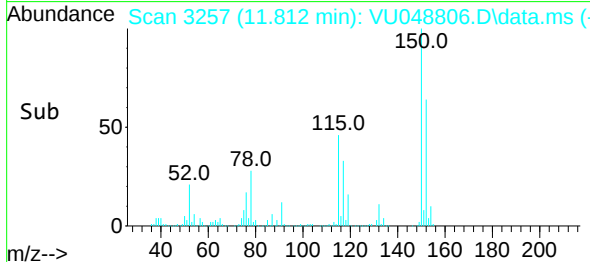
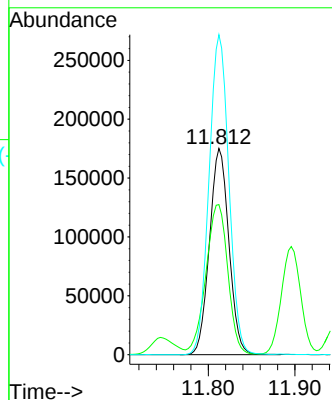
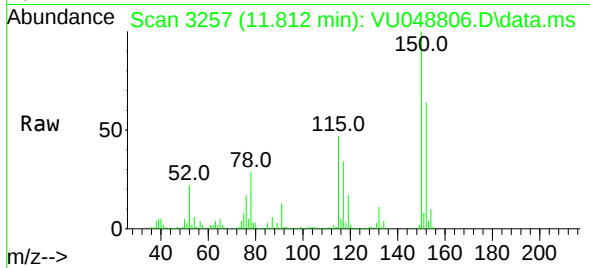




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

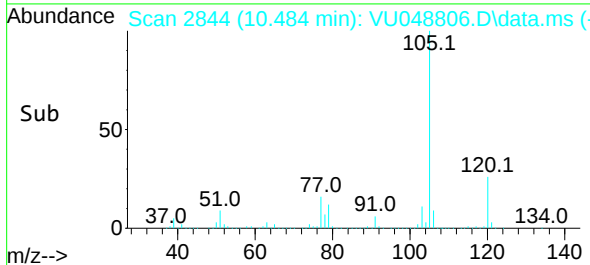
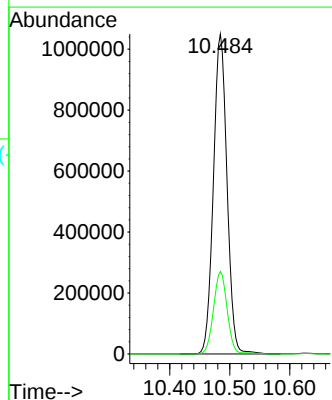
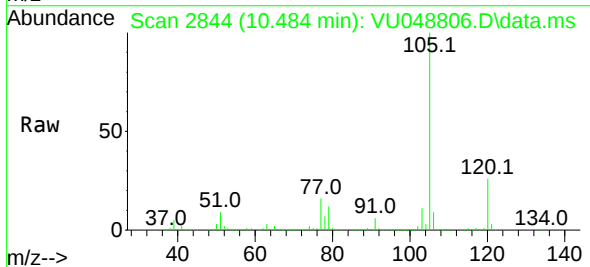
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

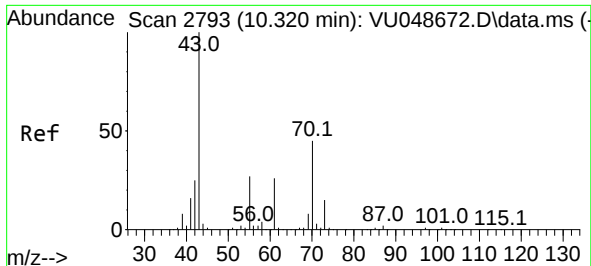
Tgt Ion:152 Resp: 272893  
Ion Ratio Lower Upper  
152 100  
115 81.3 41.8 125.4  
150 158.2 0.0 341.0



#73  
Isopropylbenzene  
Concen: 93.630 ug/l  
RT: 10.484 min Scan# 2844  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion:105 Resp: 1649562  
Ion Ratio Lower Upper  
105 100  
120 25.7 12.9 38.6

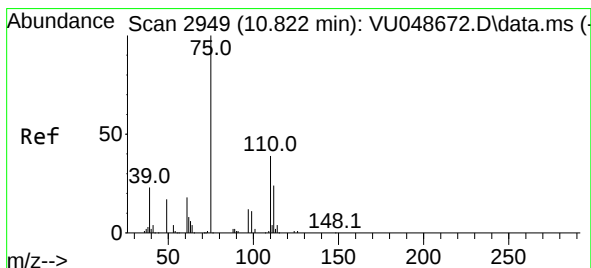
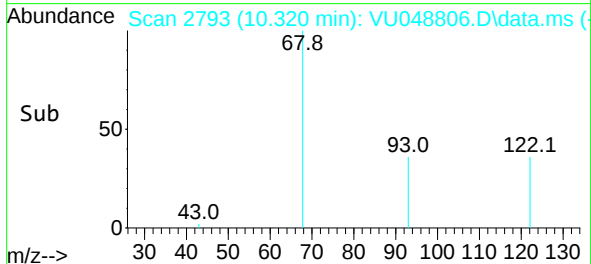
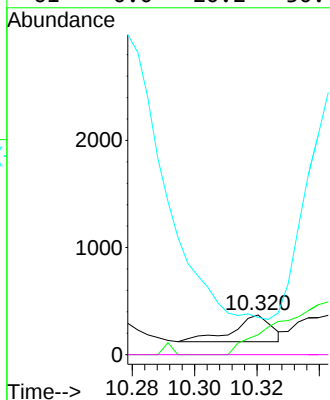
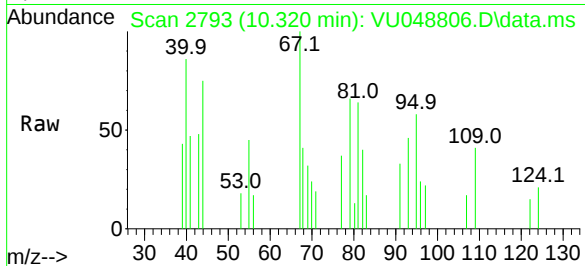




#74  
N-amy1 acetate  
Concen: 2.490 ug/l  
RT: 10.320 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

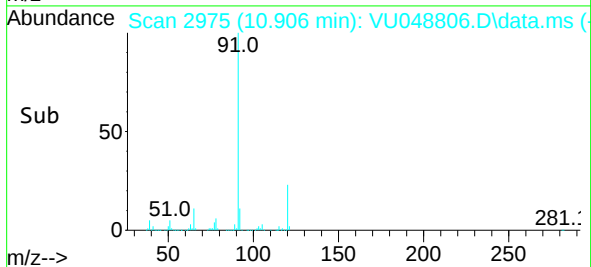
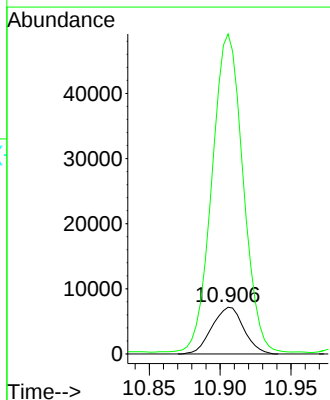
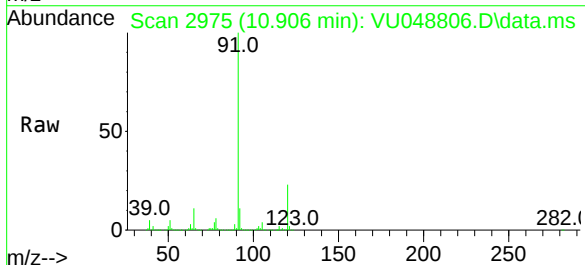
Instrument :  
MSVOA\_U  
ClientSampleId :  
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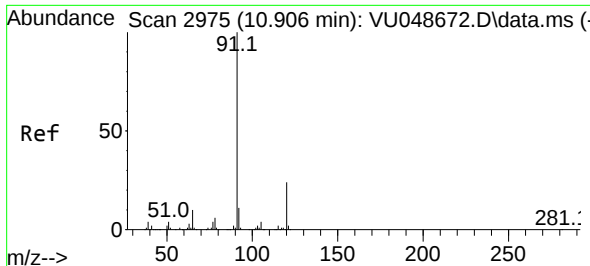
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 215   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 0.0      | 35.8 53.6#  |
| 55 0.0      | 21.1 31.7#  |
| 61 0.0      | 20.2 30.4#  |



#76  
1,2,3-Trichloropropane  
Concen: 1.272 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.084 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 11193 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 667.3    | 14.8 44.3#  |

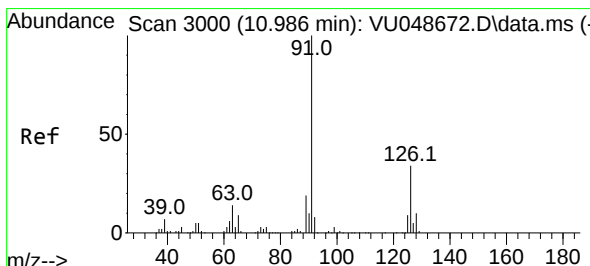
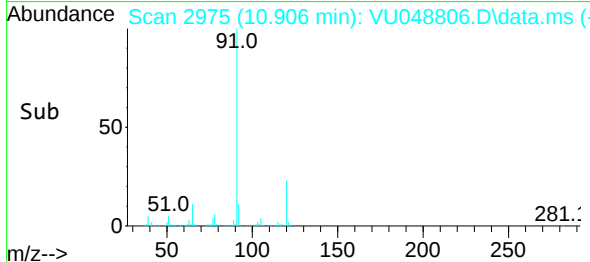
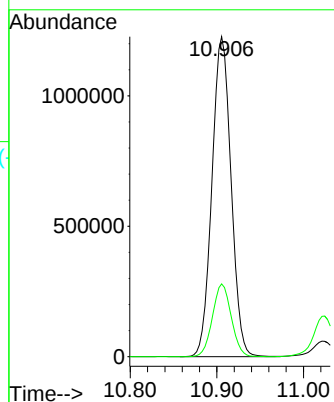
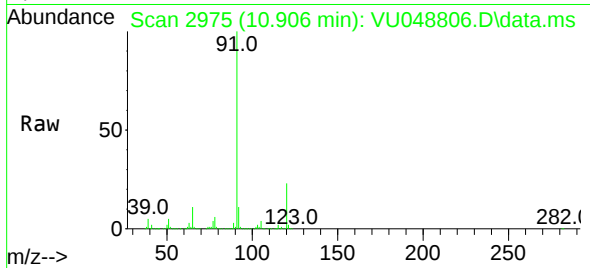




#78  
n-propylbenzene  
Concen: 89.553 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

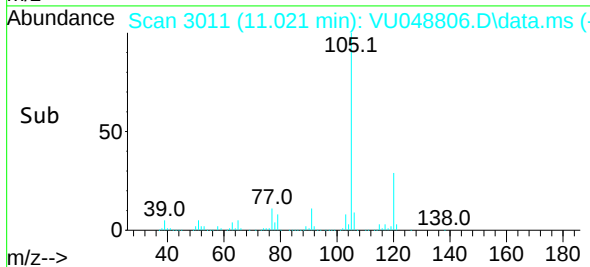
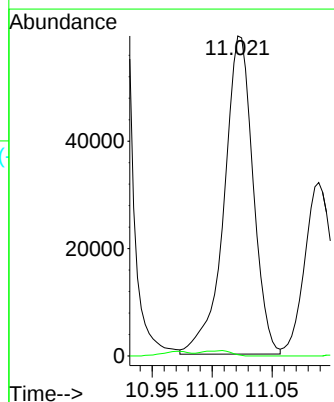
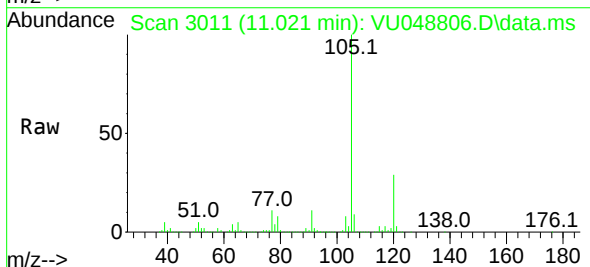
Instrument :  
MSVOA\_U  
ClientSampleId :  
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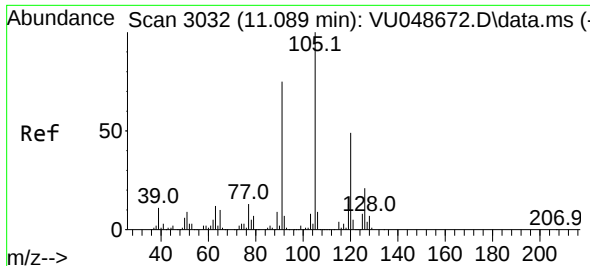
Tgt Ion: 91 Resp: 1879997  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.6 34.7



#79  
2-Chlorotoluene  
Concen: 7.637 ug/l  
RT: 11.021 min Scan# 3011  
Delta R.T. 0.035 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 91 Resp: 99701  
Ion Ratio Lower Upper  
91 100  
126 1.6 16.7 50.0#

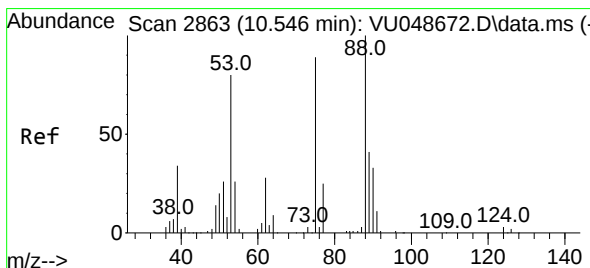
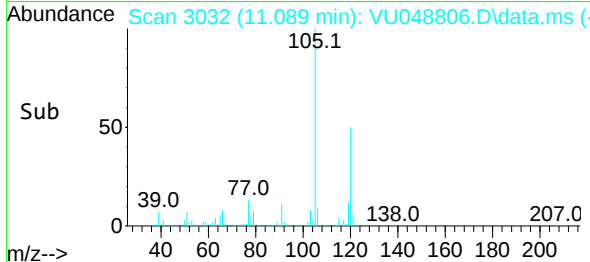
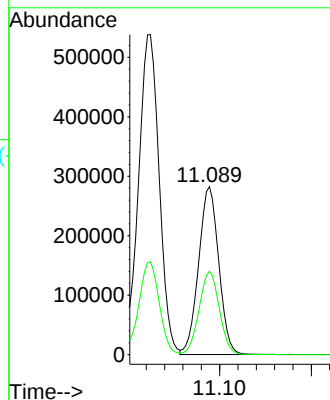
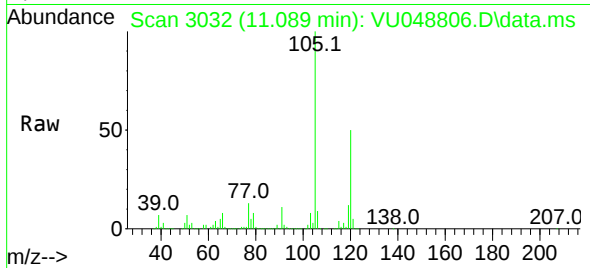




#80  
1,3,5-Trimethylbenzene  
Concen: 28.090 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. -0.000 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

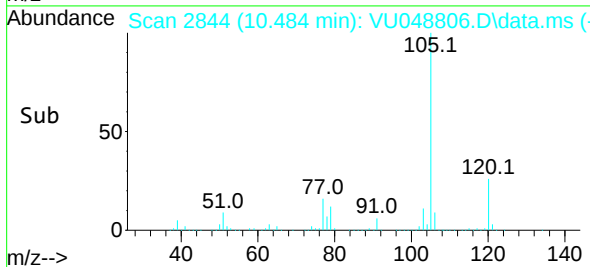
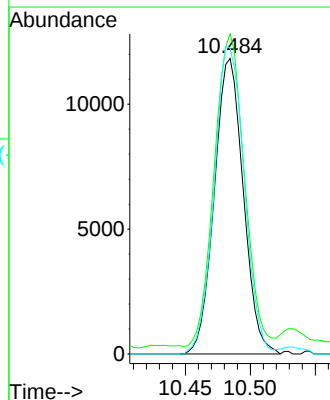
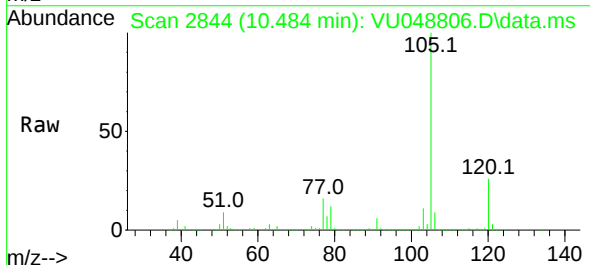
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

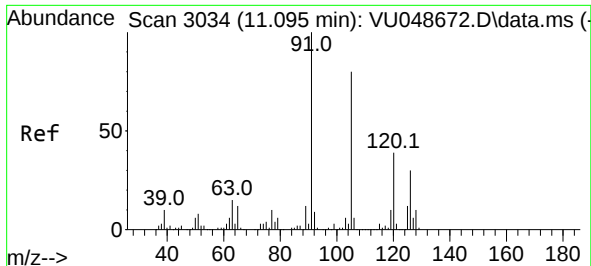
Tgt Ion:105 Resp: 430371  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.1 72.3



#81  
trans-1,4-Dichloro-2-butene  
Concen: 7.565 ug/l  
RT: 10.484 min Scan# 2844  
Delta R.T. -0.061 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 75 Resp: 18332  
Ion Ratio Lower Upper  
75 100  
53 110.2 72.5 108.7#  
89 108.6 37.0 55.4#

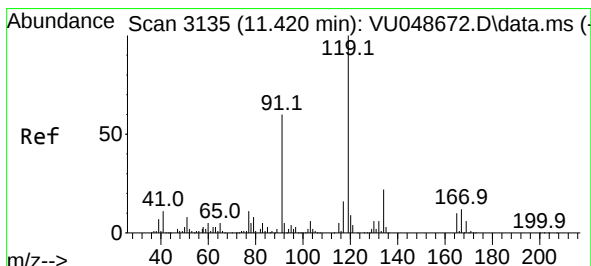
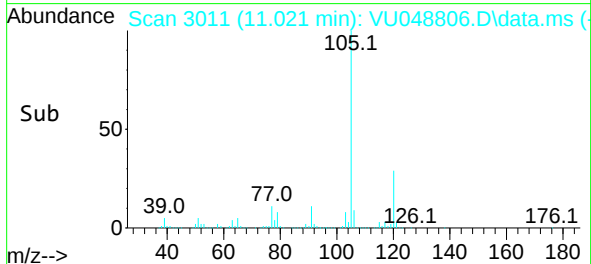
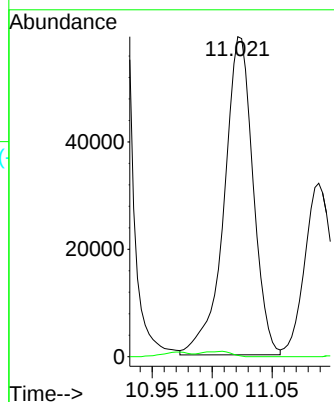
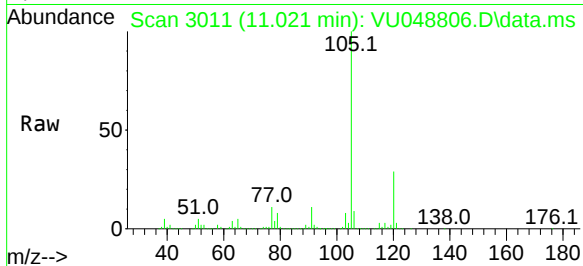




#82  
4-Chlorotoluene  
Concen: 6.619 ug/l  
RT: 11.021 min Scan# 3034  
Delta R.T. -0.074 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

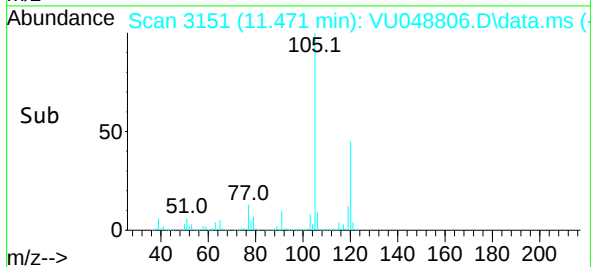
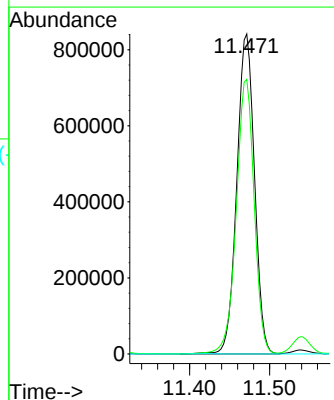
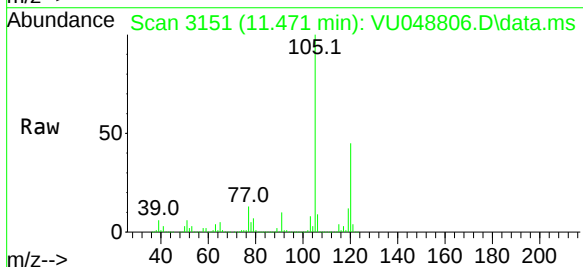
Instrument :  
MSVOA\_U  
ClientSampleId :  
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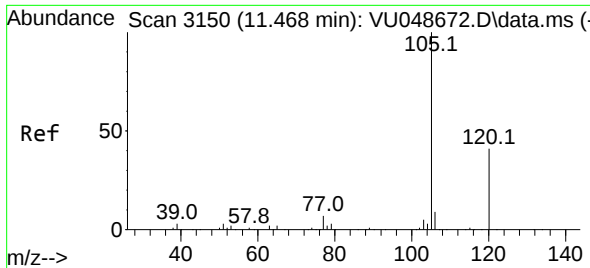
Tgt Ion: 91 Resp: 99701  
Ion Ratio Lower Upper  
91 100  
126 1.6 14.4 43.2#



#83  
tert-Butylbenzene  
Concen: 88.184 ug/l  
RT: 11.471 min Scan# 3151  
Delta R.T. 0.051 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 119 Resp: 1296710  
Ion Ratio Lower Upper  
119 100  
91 87.1 28.7 86.1#  
134 0.0 10.8 32.4#

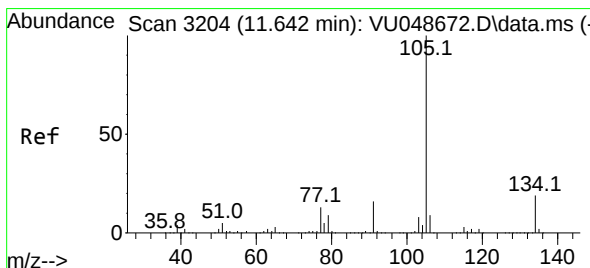
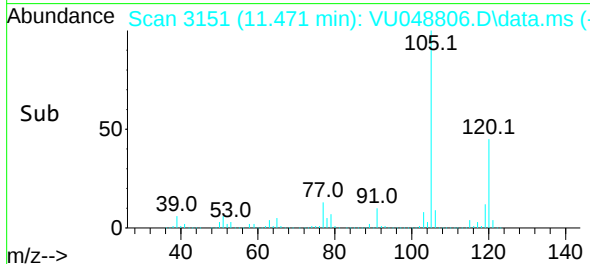
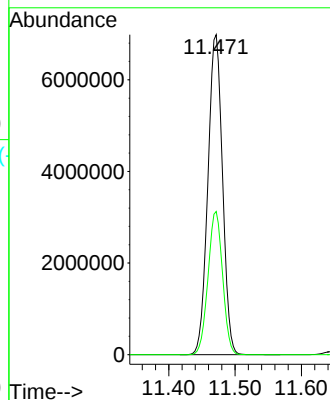
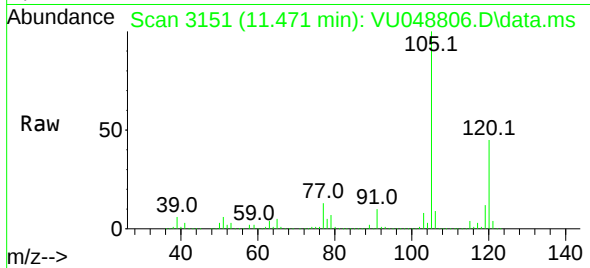




#84  
1,2,4-Trimethylbenzene  
Concen: 633.392 ug/l  
RT: 11.471 min Scan# 3151  
Delta R.T. 0.003 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

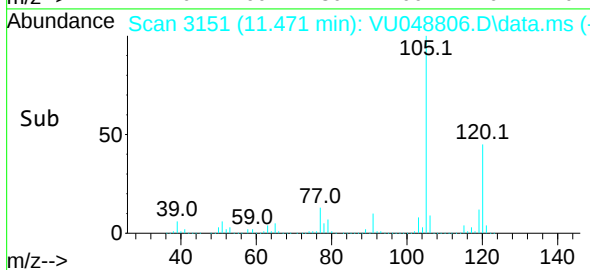
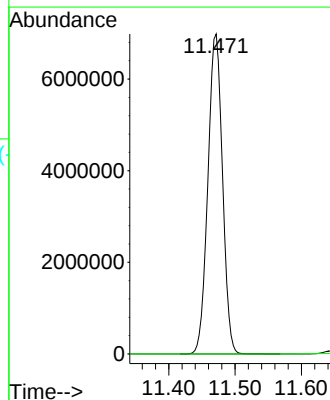
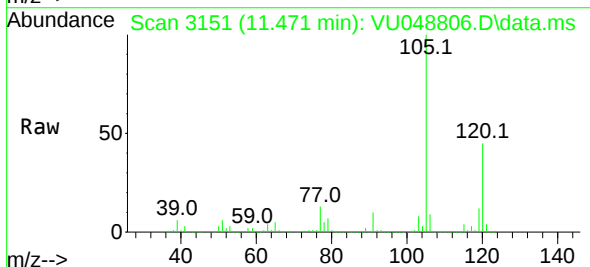
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

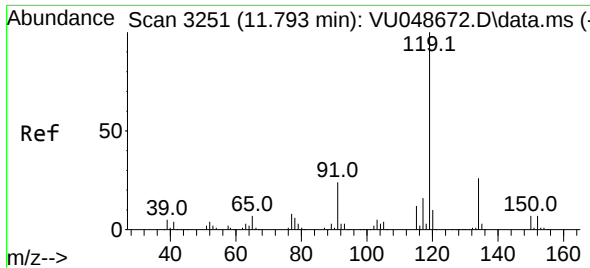
Tgt Ion:105 Resp:10692686  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.5 67.5



#85  
sec-Butylbenzene  
Concen: 581.252 ug/l  
RT: 11.471 min Scan# 3151  
Delta R.T. -0.170 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion:105 Resp:10692686  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.6 28.6#

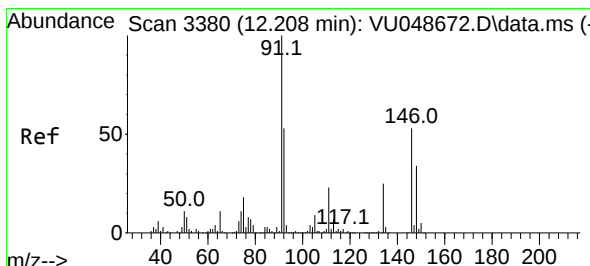
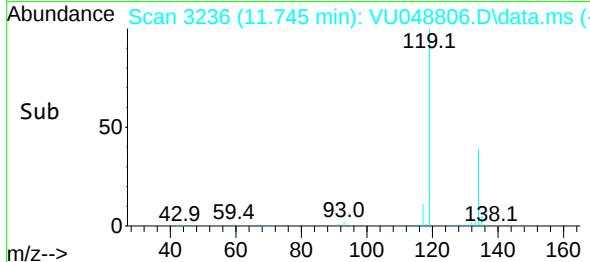
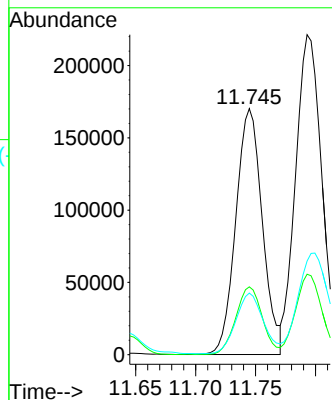
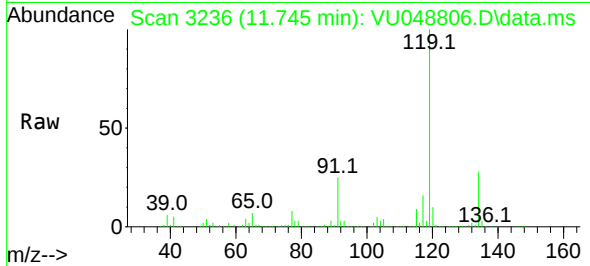




#86  
p-Isopropyltoluene  
Concen: 16.627 ug/l  
RT: 11.745 min Scan# 31  
Delta R.T. -0.048 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

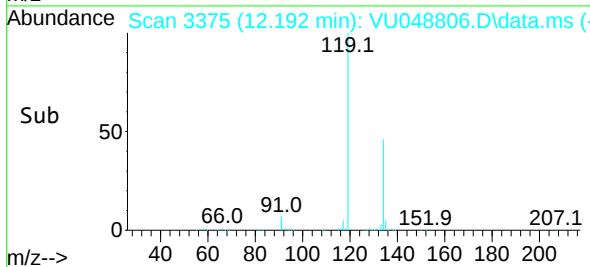
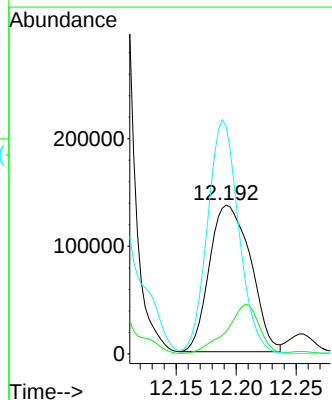
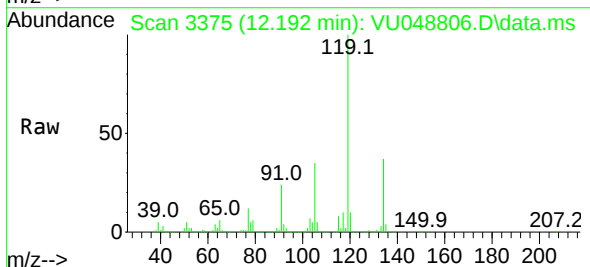
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

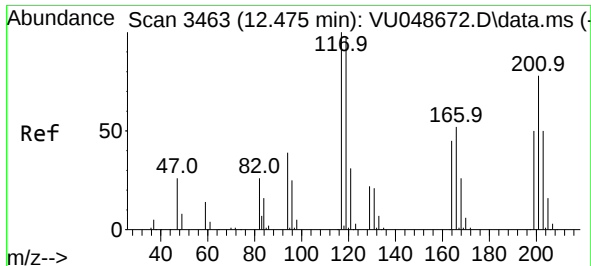
Tgt Ion:119 Resp: 262674  
Ion Ratio Lower Upper  
119 100  
134 27.6 12.8 38.4  
91 25.5 12.0 36.0



#89  
n-Butylbenzene  
Concen: 21.900 ug/l  
RT: 12.192 min Scan# 3375  
Delta R.T. -0.016 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 91 Resp: 325986  
Ion Ratio Lower Upper  
91 100  
92 26.8 25.9 77.8  
134 120.5 12.5 37.5#

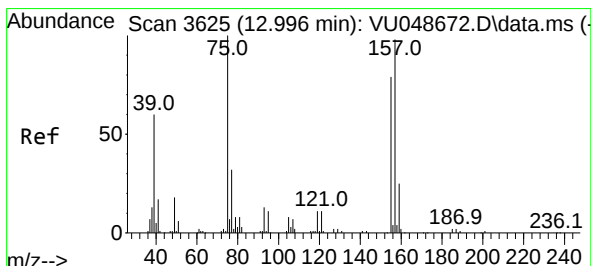
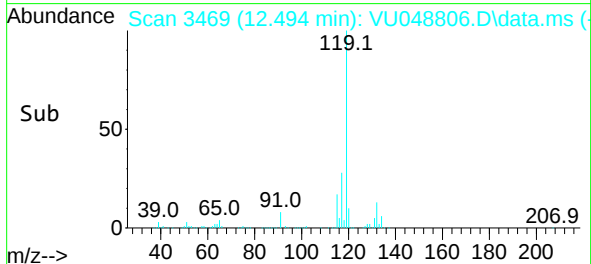
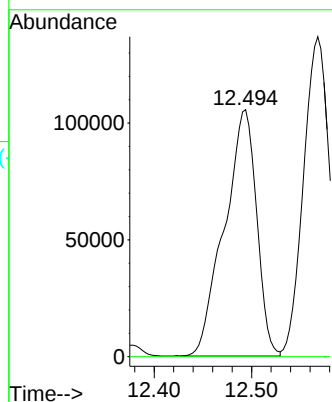
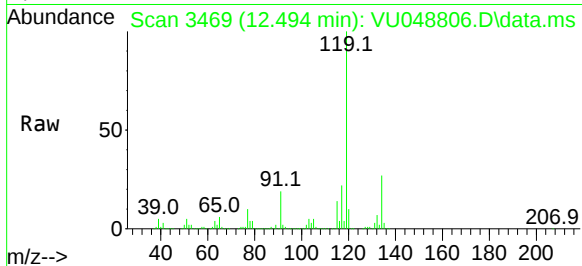




#90  
Hexachloroethane  
Concen: 75.285 ug/l  
RT: 12.494 min Scan# 3469  
Delta R.T. 0.019 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-14

Tgt Ion:117 Resp: 242724  
Ion Ratio Lower Upper  
117 100  
201 0.0 39.6 119.0#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.674 ug/l  
RT: 12.973 min Scan# 3618  
Delta R.T. -0.023 min  
Lab File: VU048806.D  
Acq: 02 Jun 2022 16:12

Tgt Ion: 75 Resp: 5536  
Ion Ratio Lower Upper  
75 100  
155 0.0 40.3 120.8#  
157 0.0 50.0 150.0#

