

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
 Data File : VX029569.D  
 Acq On : 18 Jun 2022 15:03  
 Operator : JC/MD  
 Sample : N3325-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

Quant Time: Jun 20 01:33:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 20 01:31:01 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 265145   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 445450   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 389312   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 174090   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 153320   | 43.683    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 87.360%  |
| 35) Dibromofluoromethane      | 5.391  | 113   | 132147   | 45.522    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 91.040%  |
| 50) Toluene-d8                | 8.653  | 98    | 506460   | 47.757    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 95.520%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 185701   | 46.434    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 92.860%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 1.295  | 50    | 1725     | 0.499     | ug/l   | 99       |
| 5) Bromomethane               | 1.612  | 94    | 1079     | 0.664     | ug/l   | 91       |
| 6) Chloroethane               | 1.660  | 64    | 303      | 1.411     | ug/l # | 45       |
| 10) Methyl Iodide             | 2.465  | 142   | 1207     | 3.375     | ug/l # | 97       |
| 11) Tert butyl alcohol        | 2.965  | 59    | 49271    | 57.285    | ug/l   | 99       |
| 13) Acrolein                  | 2.337  | 56    | 1370     | 7.086     | ug/l   | 85       |
| 15) Acrylonitrile             | 3.111  | 53    | 840      | 0.512     | ug/l # | 34       |
| 16) Acetone                   | 2.380  | 43    | 13749    | 9.828     | ug/l   | 95       |
| 17) Carbon Disulfide          | 2.514  | 76    | 3859     | 0.554     | ug/l   | 100      |
| 18) Methyl Acetate            | 2.782  | 43    | 27396    | 7.407     | ug/l # | 46       |
| 19) Methyl tert-butyl Ether   | 3.117  | 73    | 51999    | 5.576     | ug/l # | 85       |
| 22) Diisopropyl ether         | 3.770  | 45    | 4015     | 0.468     | ug/l # | 75       |
| 23) Vinyl Acetate             | 3.764  | 43    | 2325     | 0.325     | ug/l # | 66       |
| 25) 2-Butanone                | 4.574  | 43    | 3997     | 1.808     | ug/l   | 99       |
| 30) Chloroform                | 5.172  | 83    | 1902     | 0.348     | ug/l # | 17       |
| 31) Cyclohexane               | 5.477  | 56    | 8143     | 1.728     | ug/l # | 93       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 20312    | 5.170     | ug/l # | 49       |
| 37) Ethyl Acetate             | 4.574  | 43    | 3997     | 0.992     | ug/l # | 65       |
| 38) Carbon Tetrachloride      | 5.562  | 117   | 27655    | 7.158     | ug/l # | 15       |
| 39) Methylcyclohexane         | 7.373  | 83    | 5125     | 1.046     | ug/l # | 26       |
| 40) Benzene                   | 6.044  | 78    | 18032    | 1.548     | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.355  | 43    | 1476     | 0.236     | ug/l # | 56       |
| 44) Trichloroethene           | 7.123  | 130   | 3097     | Below Cal |        | 96       |
| 52) Toluene                   | 8.726  | 92    | 2426     | 0.325     | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.104  | 97    | 6036     | 2.002     | ug/l # | 22       |
| 56) Ethyl methacrylate        | 9.104  | 69    | 1456     | 0.320     | ug/l # | 16       |
| 59) 2-Hexanone                | 9.458  | 43    | 2013     | 0.659     | ug/l   | 78       |
| 67) Ethyl Benzene             | 10.195 | 91    | 4962     | 0.361     | ug/l   | 95       |
| 68) m/p-Xylenes               | 10.305 | 106   | 5786     | 1.080     | ug/l   | 86       |
| 73) Isopropylbenzene          | 10.964 | 105   | 36853    | 2.823     | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 89752    | 23.665    | ug/l # | 38       |
| 78) n-propylbenzene           | 11.305 | 91    | 50063    | 3.405     | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.305 | 91    | 50063    | 5.500     | ug/l # | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 89752    | 78.729    | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 11.305 | 91    | 50063    | 4.823     | ug/l # | 45       |
| 83) tert-Butylbenzene         | 11.713 | 119   | 4395     | 0.410     | ug/l   | 83       |

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

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 Quant Title : SW846 8260  
 QLast Update : Mon Jun 20 01:31:01 2022  
 Response via : Initial Calibration

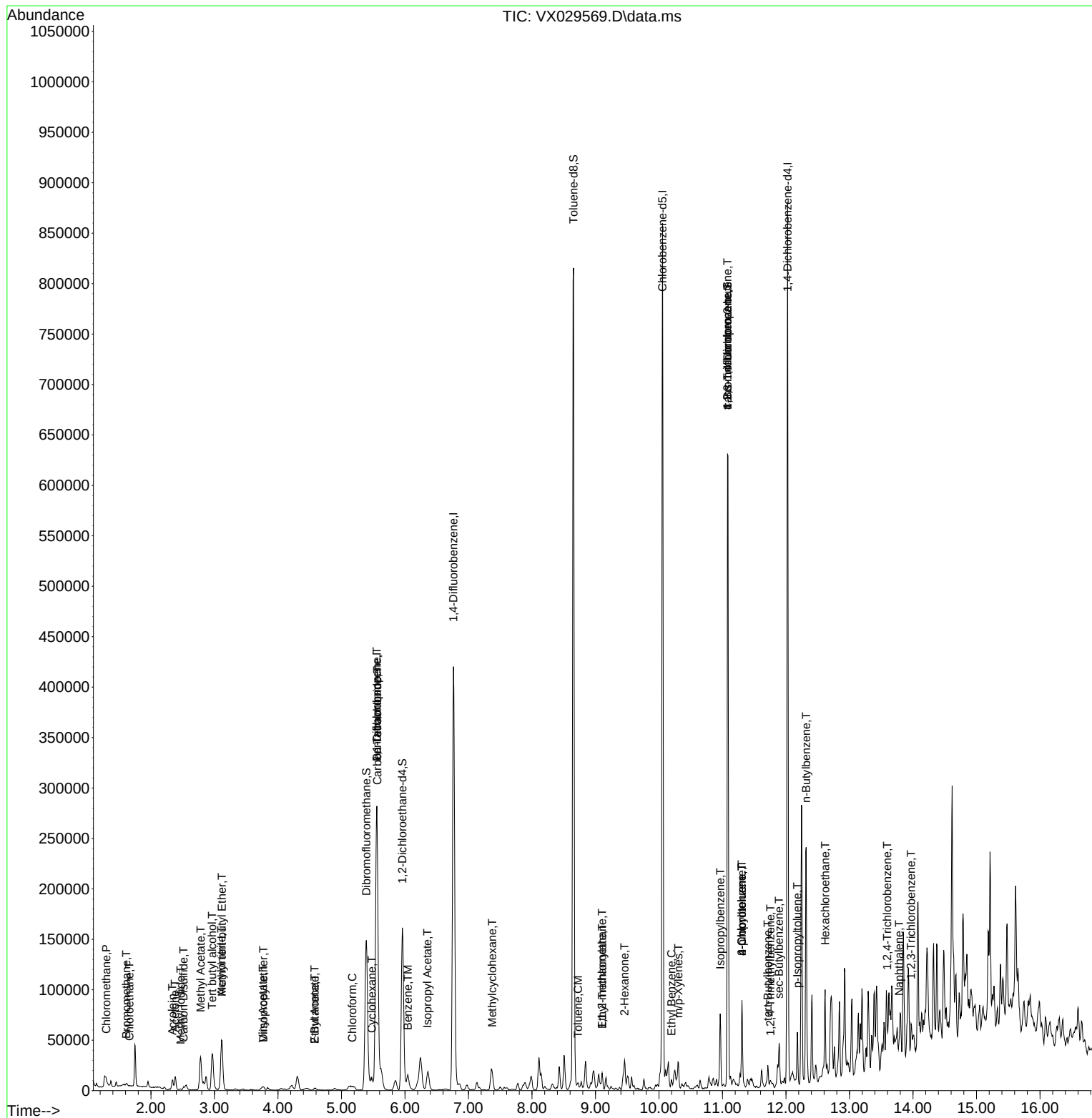
| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| -----                      |        |      |          |       |        |          |
| 84) 1,2,4-Trimethylbenzene | 11.756 | 105  | 2638     | 0.241 | ug/l   | 94       |
| 85) sec-Butylbenzene       | 11.890 | 105  | 16392    | 1.234 | ug/l # | 72       |
| 86) p-Isopropyltoluene     | 12.177 | 119  | 20466    | 1.840 | ug/l   | 94       |
| 89) n-Butylbenzene         | 12.317 | 91   | 30089    | 3.205 | ug/l # | 20       |
| 90) Hexachloroethane       | 12.616 | 117  | 3377     | 2.120 | ug/l # | 10       |
| 93) 1,2,4-Trichlorobenzene | 13.591 | 180  | 735      | 0.216 | ug/l # | 1        |
| 95) Naphthalene            | 13.780 | 128  | 11514    | 0.943 | ug/l # | 78       |
| 96) 1,2,3-Trichlorobenzene | 13.969 | 180  | 782      | 0.230 | ug/l # | 1        |
| -----                      |        |      |          |       |        |          |

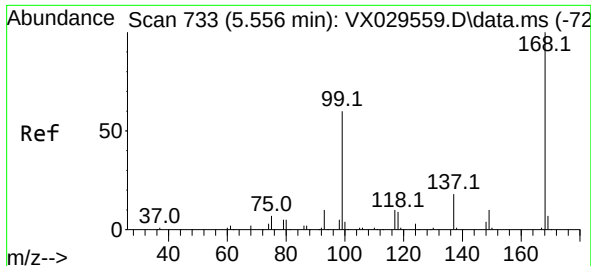
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Jun 20 01:31:01 2022  
Response via : Initial Calibration

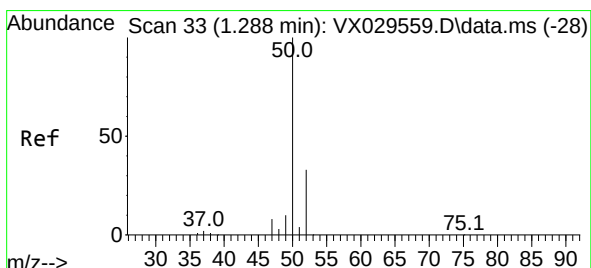
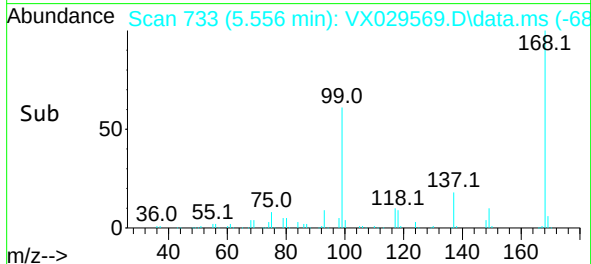
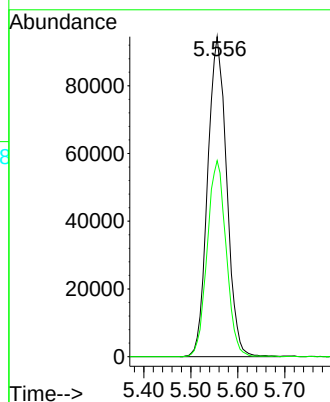
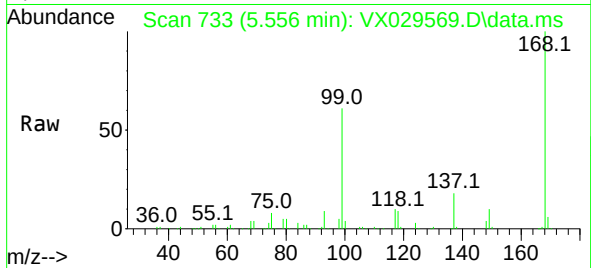




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

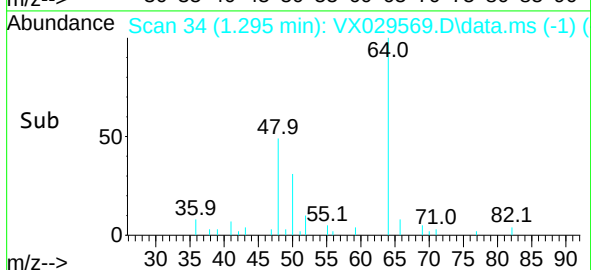
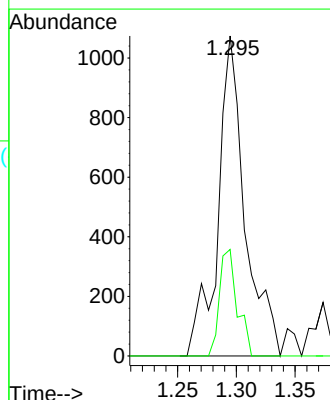
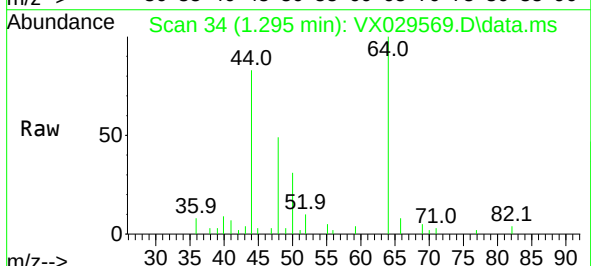
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

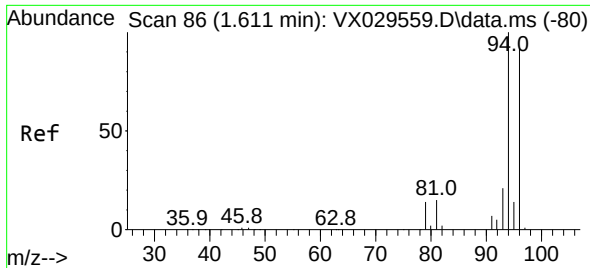
Tgt Ion:168 Resp: 265145  
Ion Ratio Lower Upper  
168 100  
99 61.2 41.7 62.5



#3  
Chloromethane  
Concen: 0.499 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.007 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 50 Resp: 1725  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.4 39.6

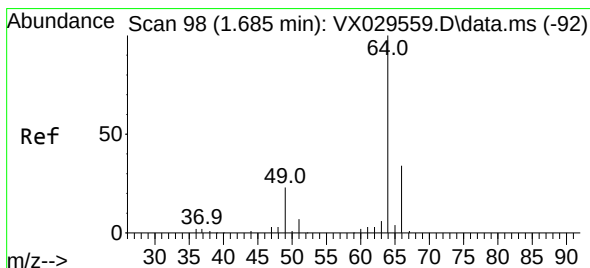
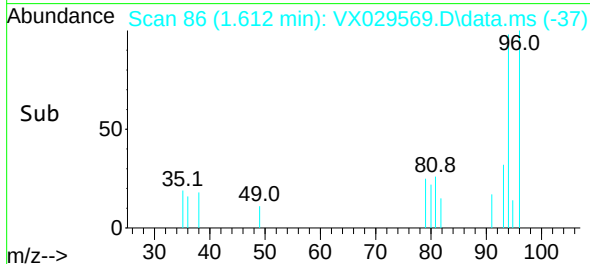
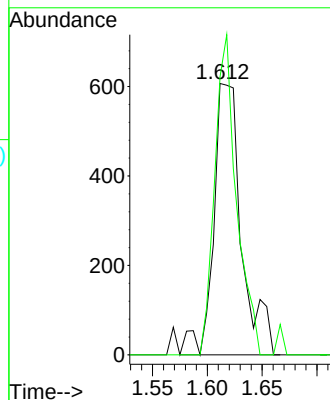
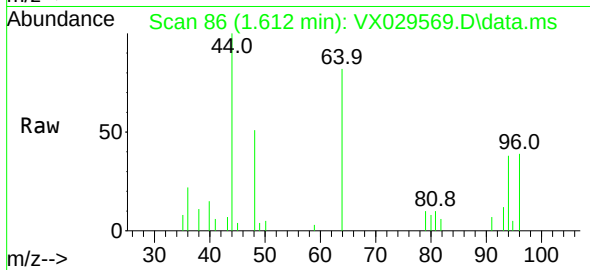




#5  
Bromomethane  
Concen: 0.664 ug/l  
RT: 1.612 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

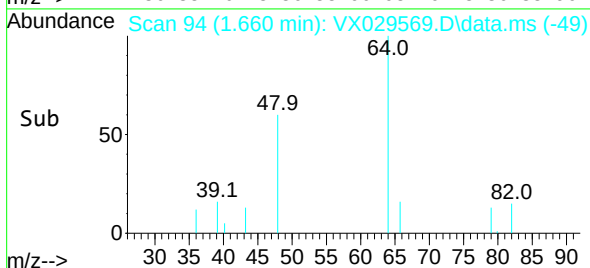
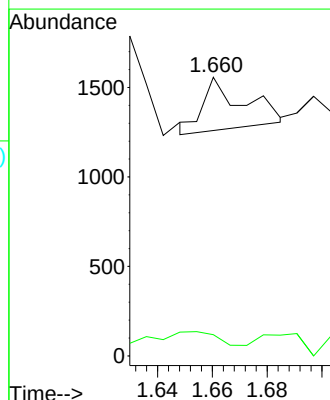
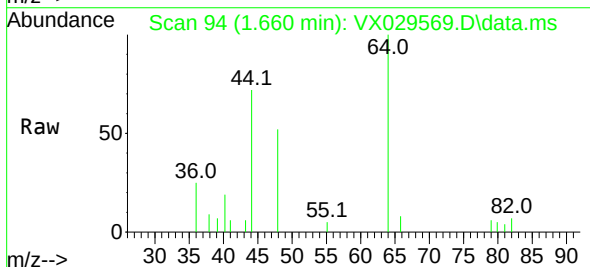
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

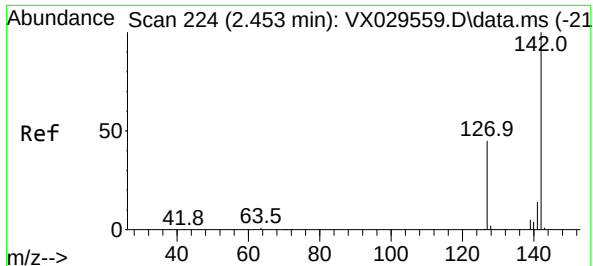
Tgt Ion: 94 Resp: 1079  
Ion Ratio Lower Upper  
94 100  
96 102.5 75.3 112.9



#6  
Chloroethane  
Concen: 1.411 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. -0.025 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 64 Resp: 303  
Ion Ratio Lower Upper  
64 100  
66 1.2 25.3 37.9#

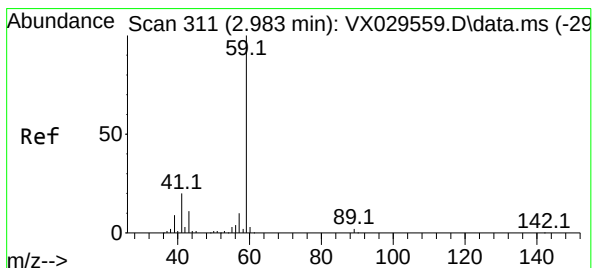
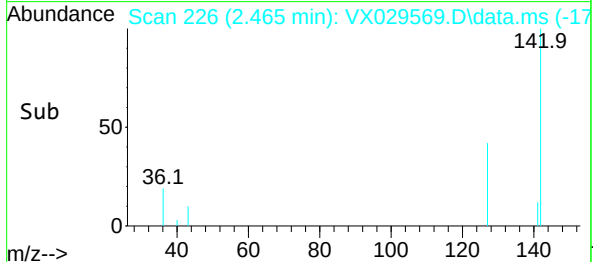
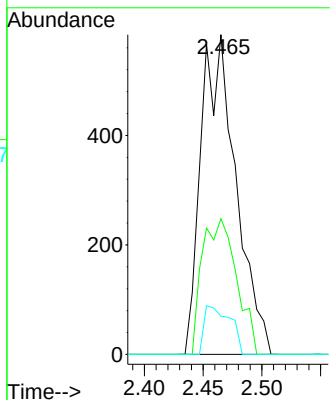
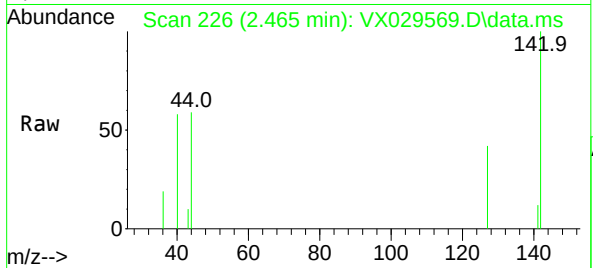




#10  
Methyl Iodide  
Concen: 3.375 ug/l  
RT: 2.465 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

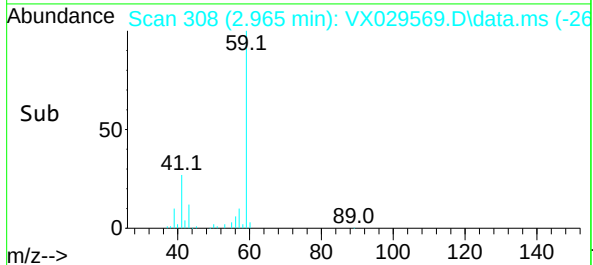
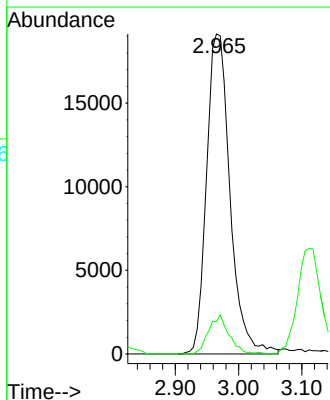
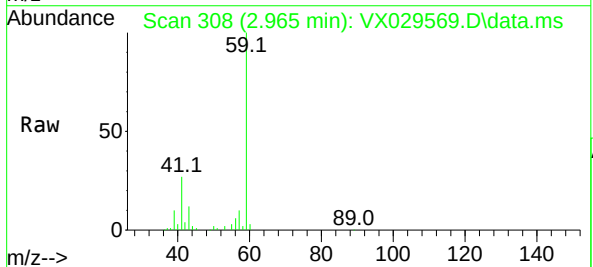
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

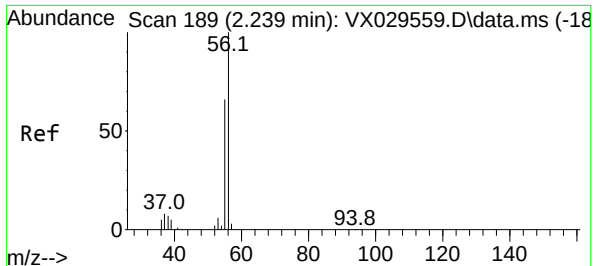
Tgt Ion:142 Resp: 1207  
Ion Ratio Lower Upper  
142 100  
127 41.8 33.9 50.9  
141 11.4 11.4 17.2#



#11  
Tert butyl alcohol  
Concen: 57.285 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.018 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 59 Resp: 49271  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.3 12.5





#13

Acrolein

Concen: 7.086 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.098 min

Lab File: VX029569.D

Acq: 18 Jun 2022 15:03

Instrument :

MSVOA\_X

ClientSampleId :

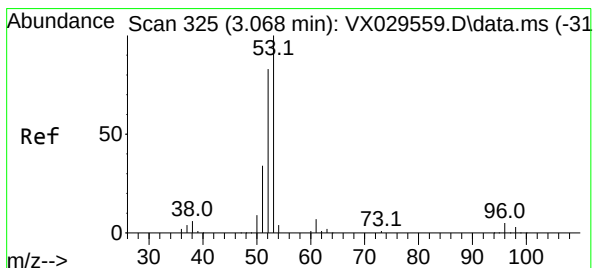
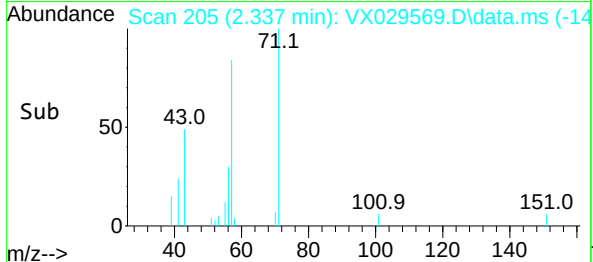
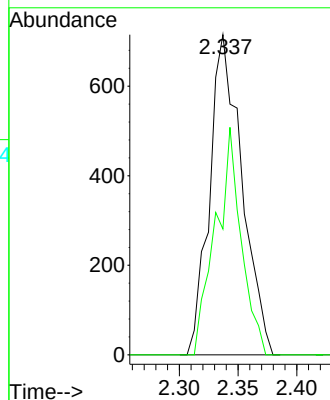
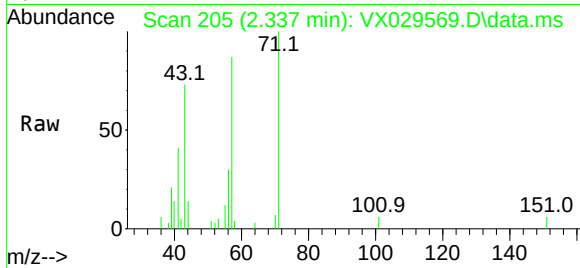
MW-4

Tgt Ion: 56 Resp: 1370

Ion Ratio Lower Upper

56 100

55 56.3 55.0 82.6



#15

Acrylonitrile

Concen: 0.512 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.043 min

Lab File: VX029569.D

Acq: 18 Jun 2022 15:03

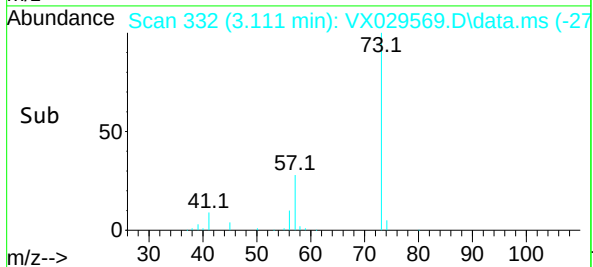
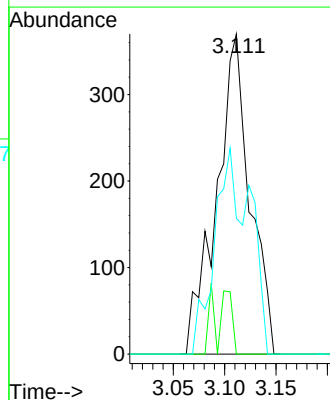
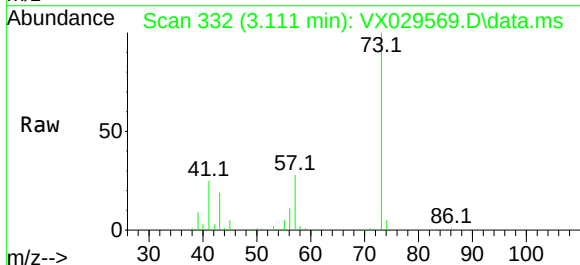
Tgt Ion: 53 Resp: 840

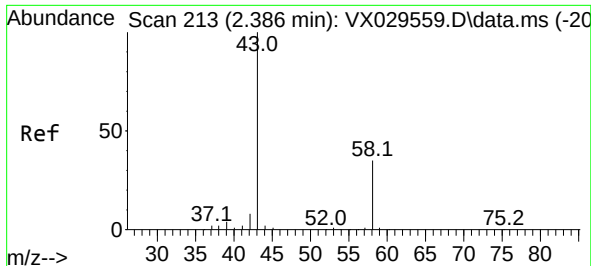
Ion Ratio Lower Upper

53 100

52 6.3 65.7 98.5#

51 48.2 28.4 42.6#

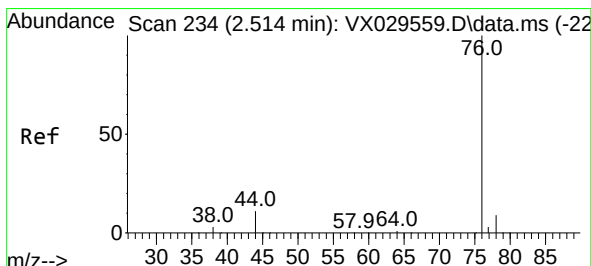
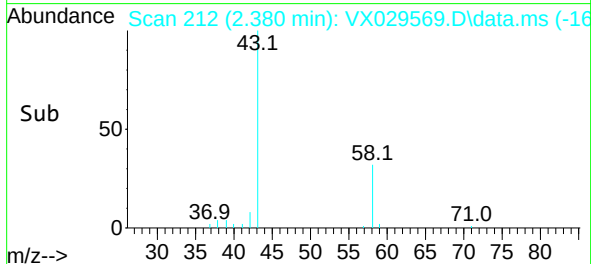
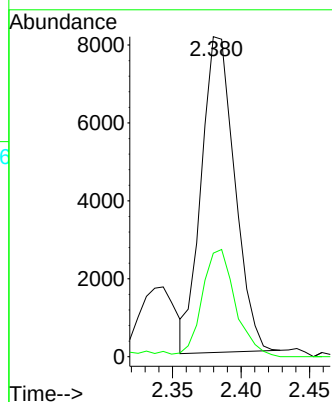
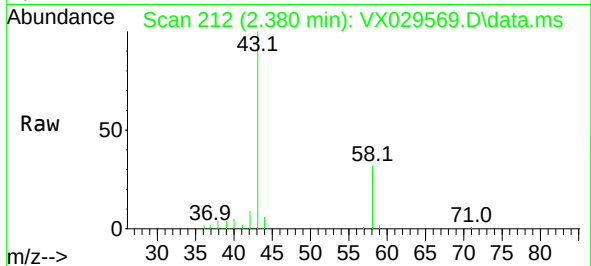




#16  
Acetone  
Concen: 9.828 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

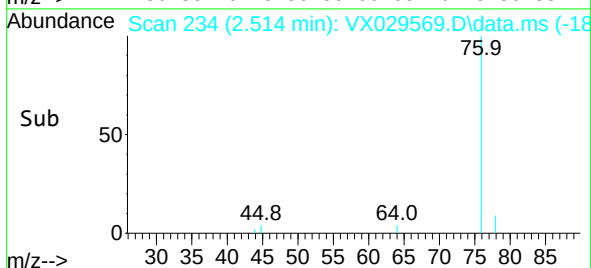
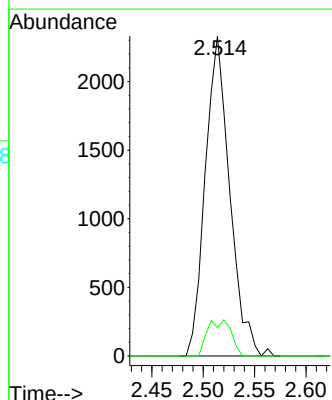
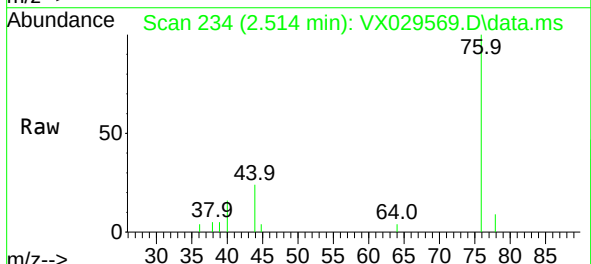
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

Tgt Ion: 43 Resp: 13749  
Ion Ratio Lower Upper  
43 100  
58 33.0 28.8 43.2

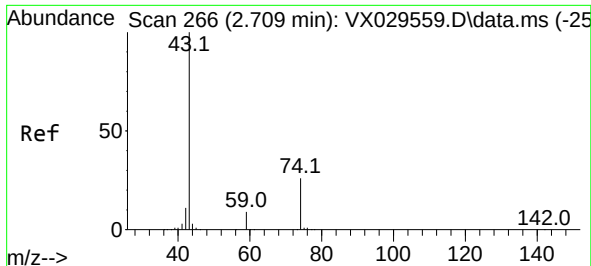


#17  
Carbon Disulfide  
Concen: 0.554 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 76 Resp: 3859  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.2 10.8



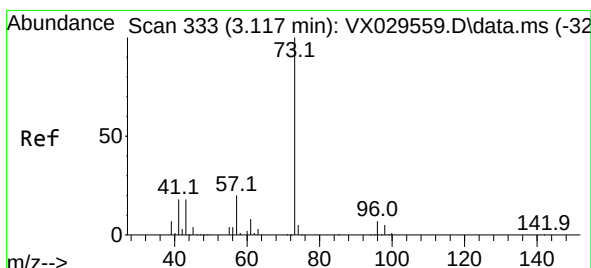
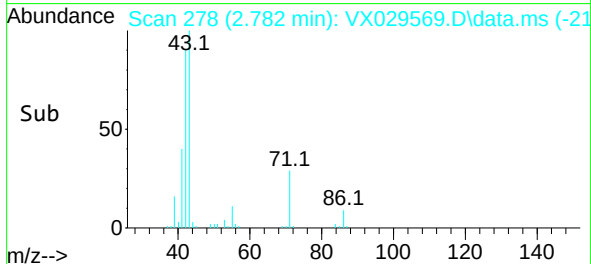
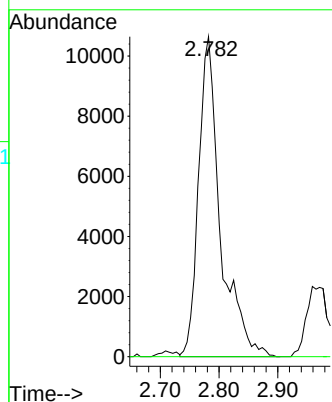
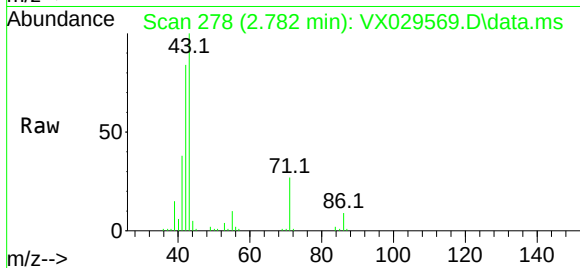




#18  
Methyl Acetate  
Concen: 7.407 ug/l  
RT: 2.782 min Scan# 21  
Delta R.T. 0.073 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

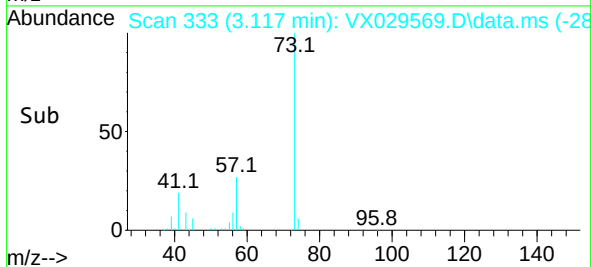
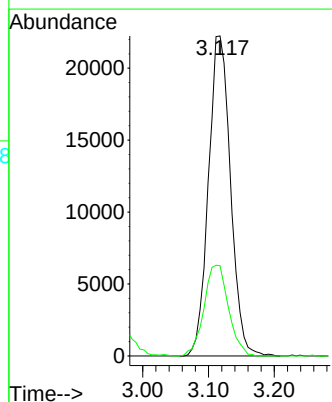
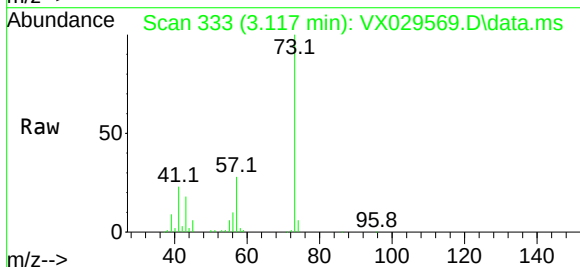
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

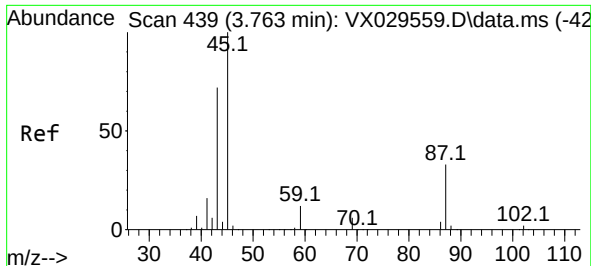
Tgt Ion: 43 Resp: 27396  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.8 34.2#



#19  
Methyl tert-butyl Ether  
Concen: 5.576 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 73 Resp: 51999  
Ion Ratio Lower Upper  
73 100  
57 28.2 16.8 25.2#

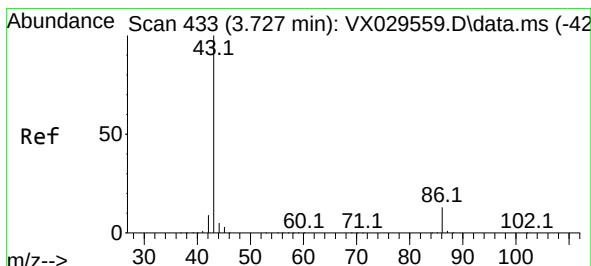
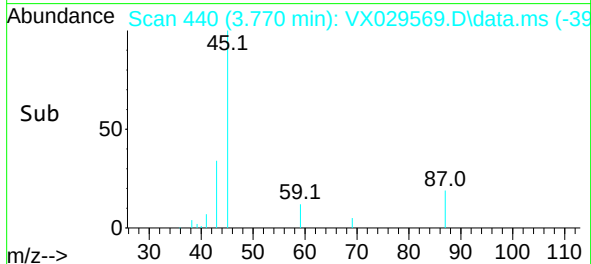
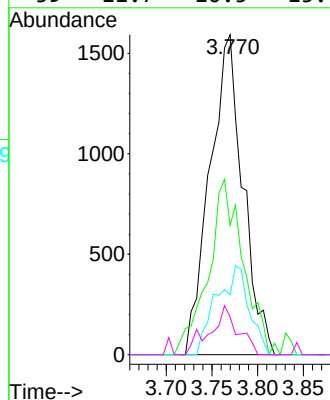
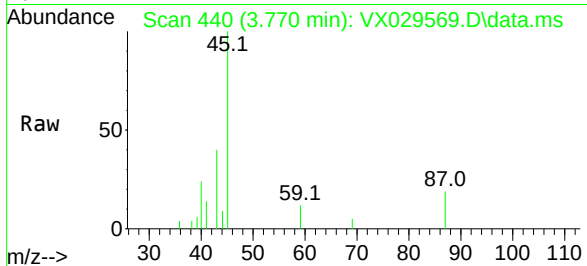




#22  
Diisopropyl ether  
Concen: 0.468 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.007 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

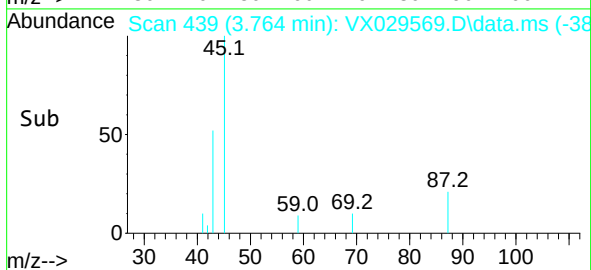
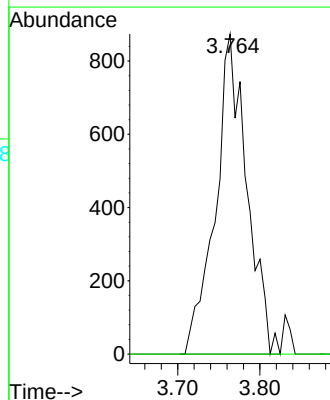
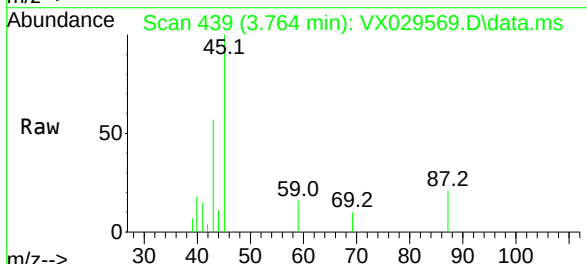
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

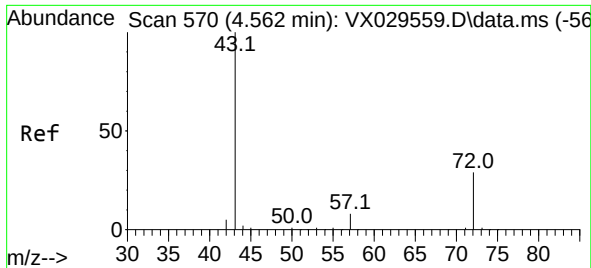
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 4015  |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 40.4  | 50.8  | 76.2# |
| 87       | 18.7  | 26.6  | 39.8# |
| 59       | 11.7  | 10.5  | 15.7  |



#23  
Vinyl Acetate  
Concen: 0.325 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.037 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2325  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 0.0   | 10.8  | 16.2# |

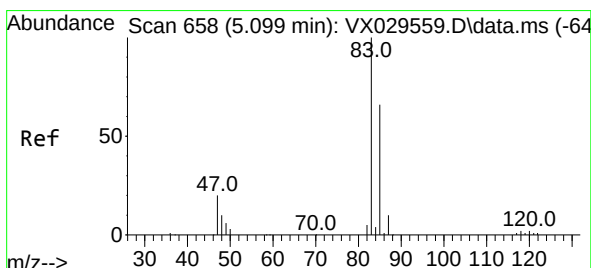
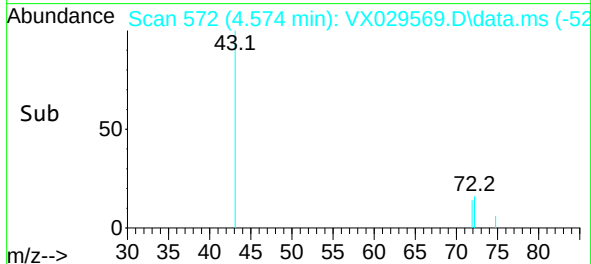
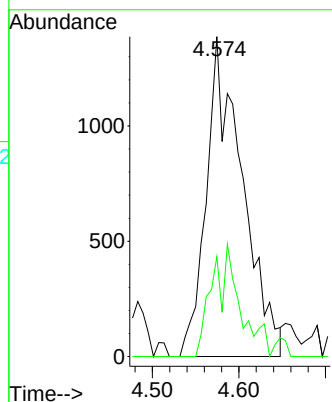
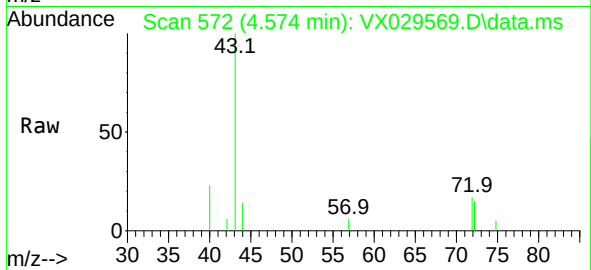




#25  
2-Butanone  
Concen: 1.808 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

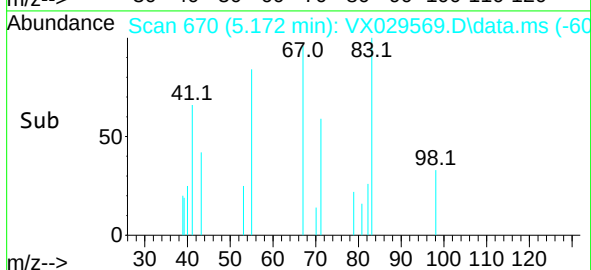
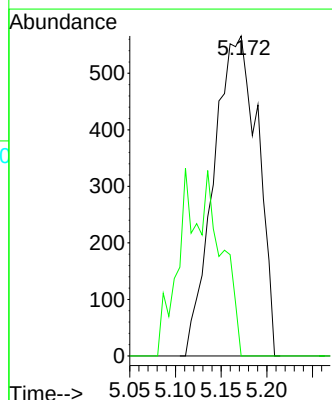
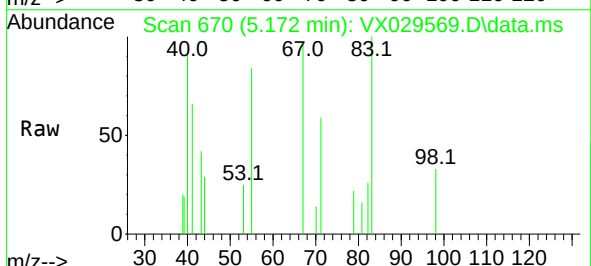
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

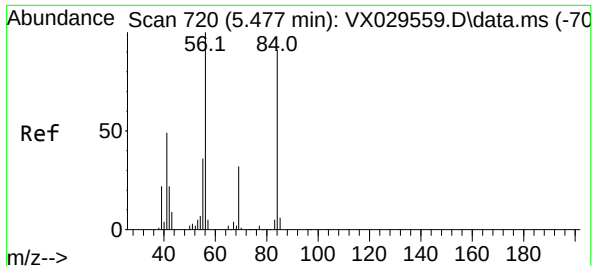
Tgt Ion: 43 Resp: 3997  
Ion Ratio Lower Upper  
43 100  
72 31.2 24.4 36.6



#30  
Chloroform  
Concen: 0.348 ug/l  
RT: 5.172 min Scan# 670  
Delta R.T. 0.073 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 83 Resp: 1902  
Ion Ratio Lower Upper  
83 100  
85 0.0 52.7 79.1#

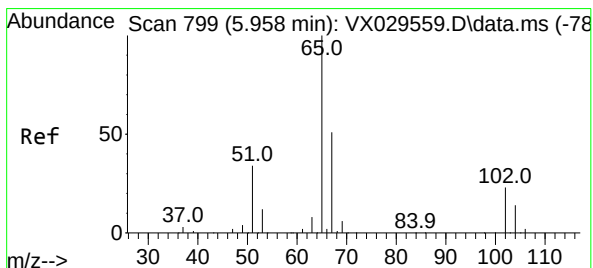
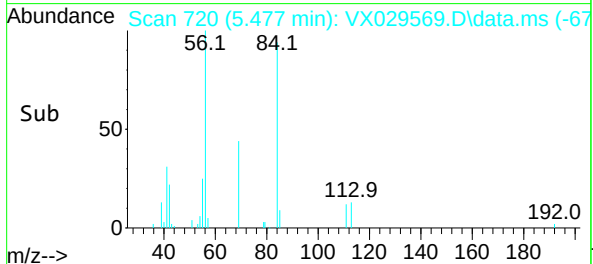
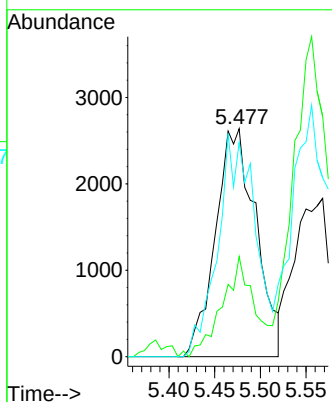
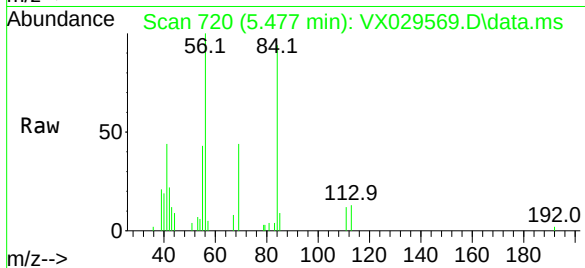




#31  
Cyclohexane  
Concen: 1.728 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

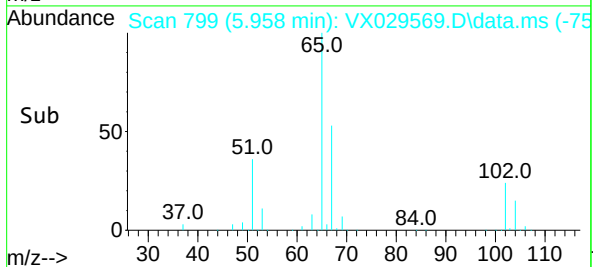
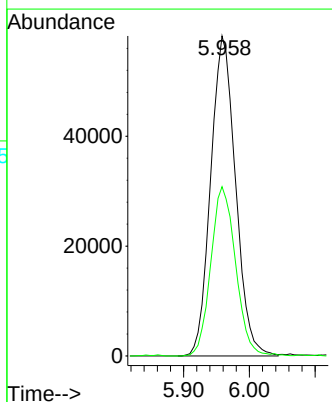
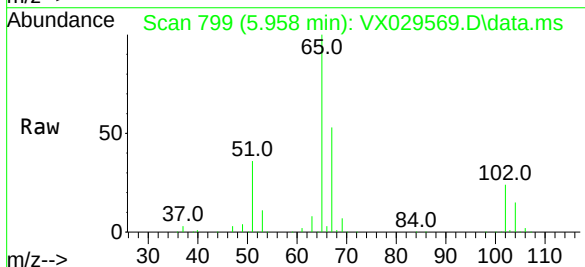
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

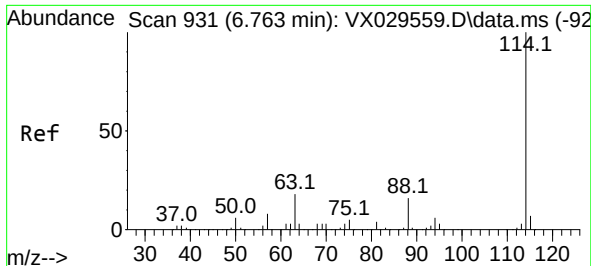
Tgt Ion: 56 Resp: 8143  
Ion Ratio Lower Upper  
56 100  
69 43.9 26.7 40.1#  
84 93.9 77.2 115.8



#33  
1,2-Dichloroethane-d4  
Concen: 43.683 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 65 Resp: 153320  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 107.4

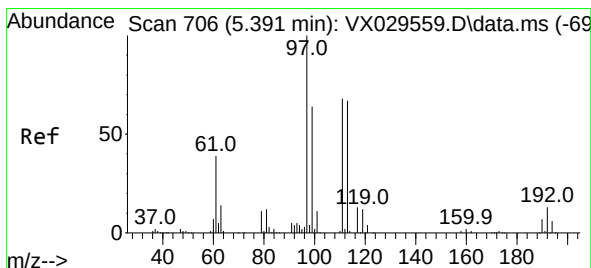
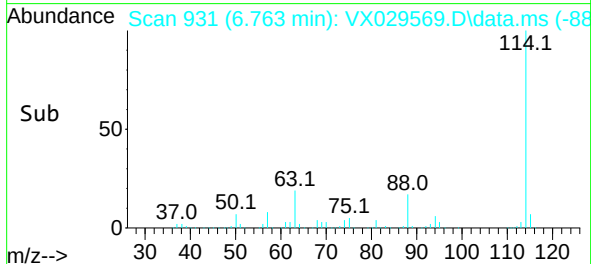
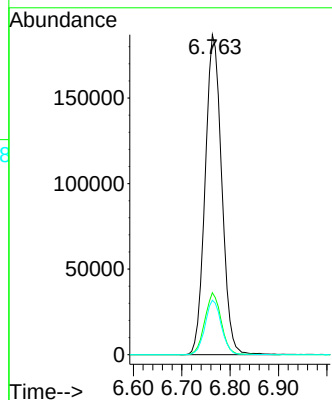
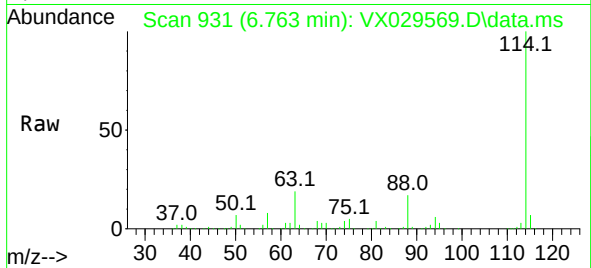




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

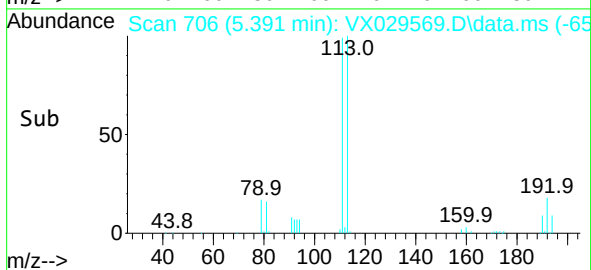
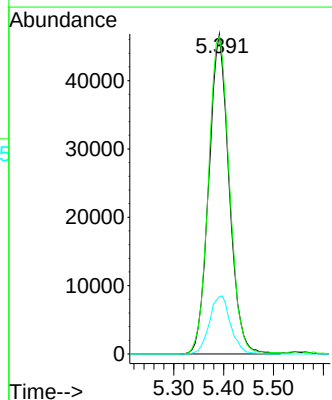
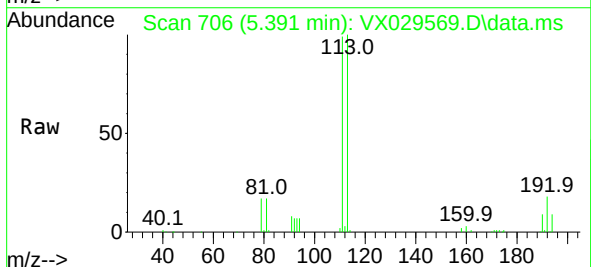
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

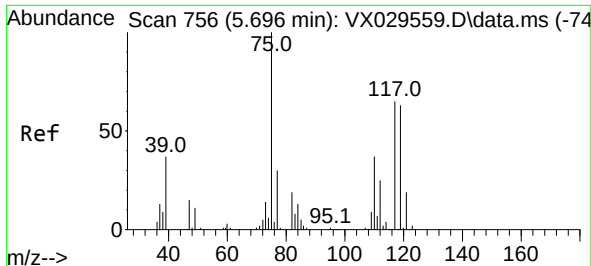
Tgt Ion:114 Resp: 445450  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 36.8  
88 17.0 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 45.522 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion:113 Resp: 132147  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.8 124.2  
192 18.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.170 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX029569.D

Acq: 18 Jun 2022 15:03

Instrument :

MSVOA\_X

ClientSampleId :

MW-4

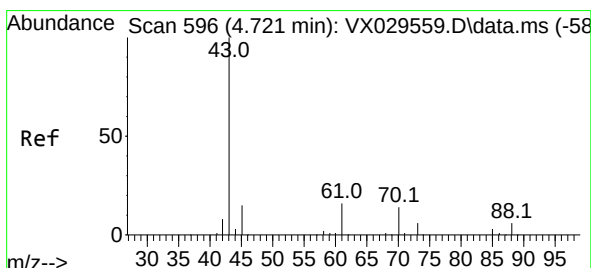
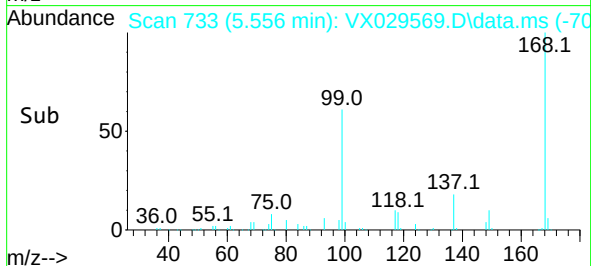
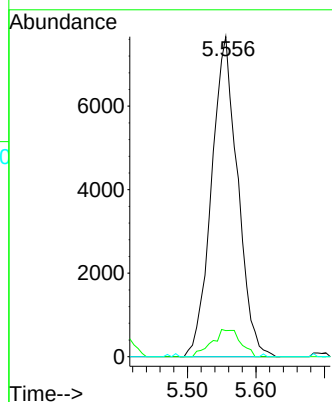
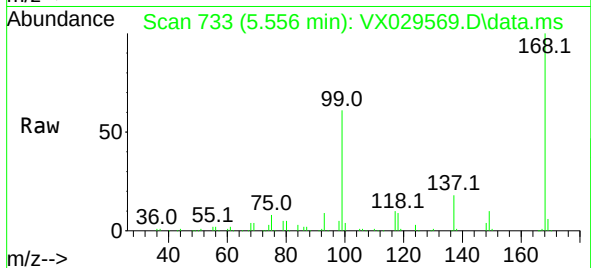
Tgt Ion: 75 Resp: 20312

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.992 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.147 min

Lab File: VX029569.D

Acq: 18 Jun 2022 15:03

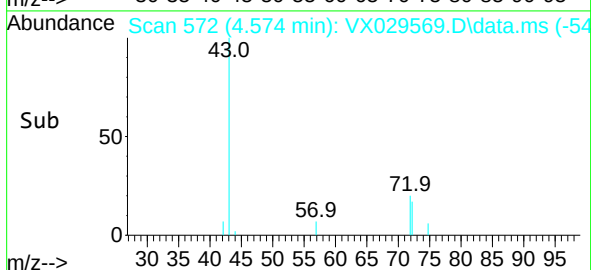
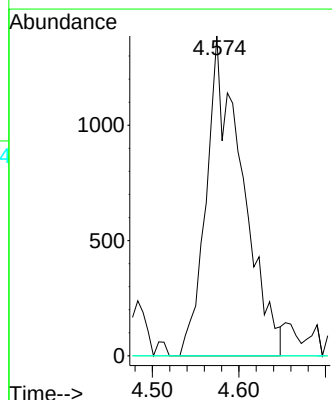
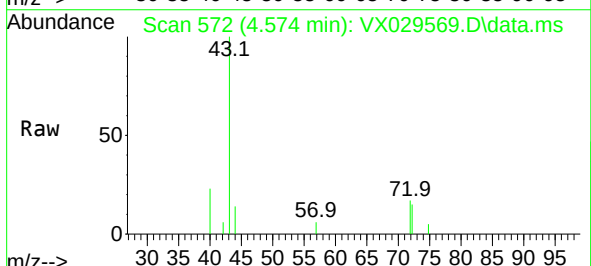
Tgt Ion: 43 Resp: 3997

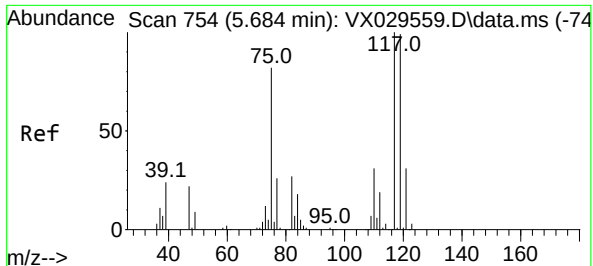
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#

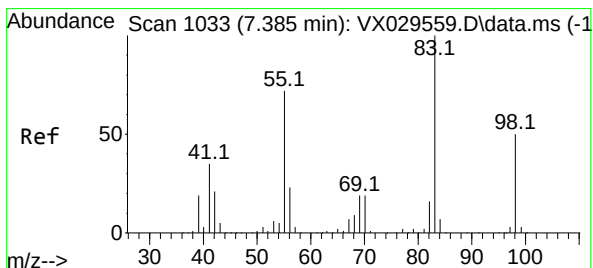
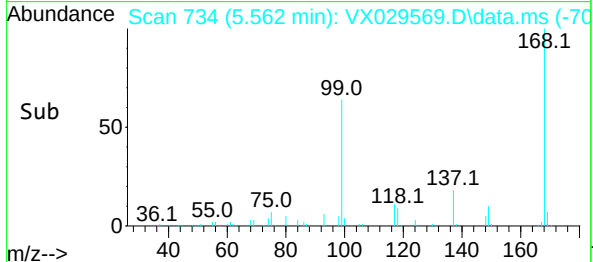
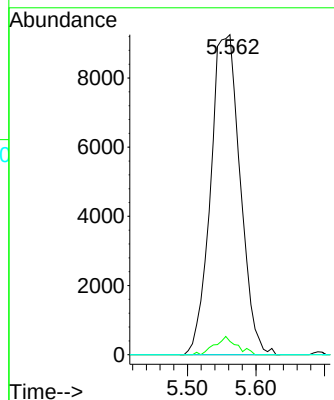
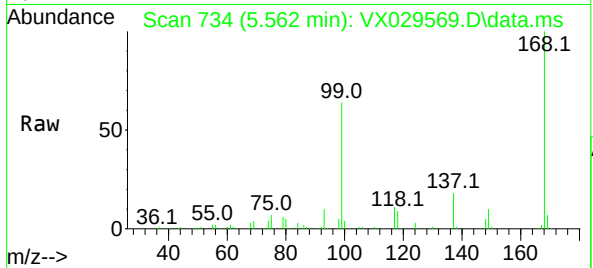




#38  
Carbon Tetrachloride  
Concen: 7.158 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

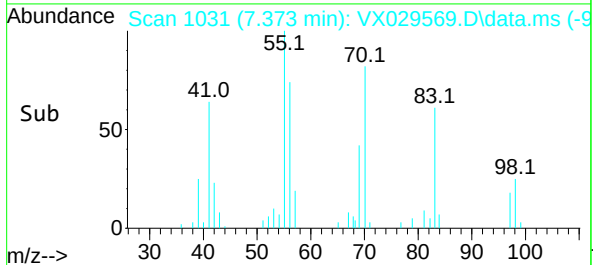
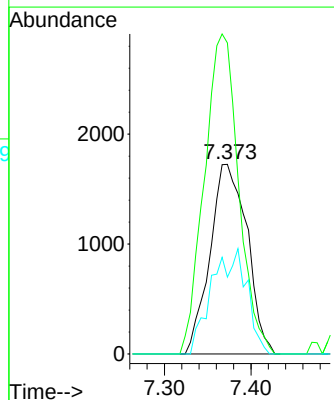
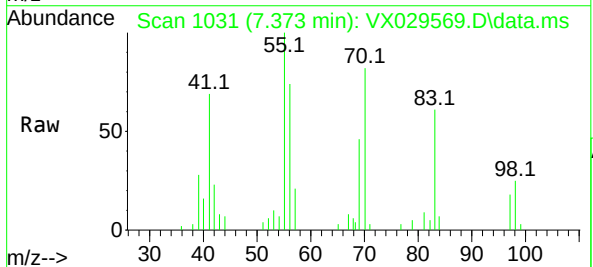
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

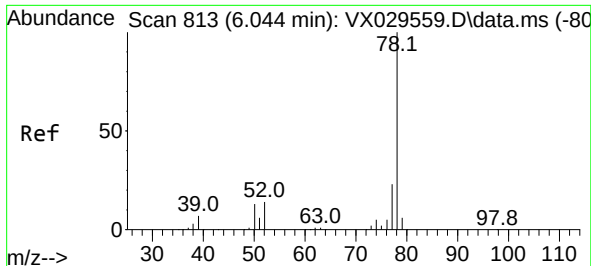
Tgt Ion:117 Resp: 27655  
Ion Ratio Lower Upper  
117 100  
119 4.2 77.3 115.9#  
121 0.0 24.2 36.2#



#39  
Methylcyclohexane  
Concen: 1.046 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. -0.012 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 83 Resp: 5125  
Ion Ratio Lower Upper  
83 100  
55 164.0 54.6 81.8#  
98 40.5 37.4 56.2





#40

Benzene

Concen: 1.548 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029569.D

Acq: 18 Jun 2022 15:03

Instrument :

MSVOA\_X

ClientSampleId :

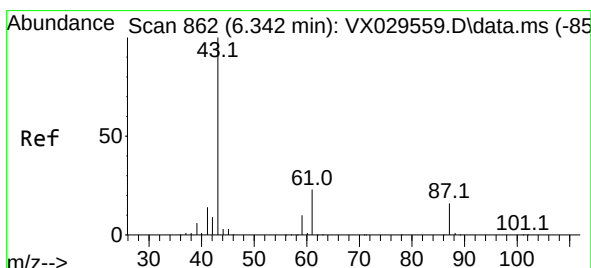
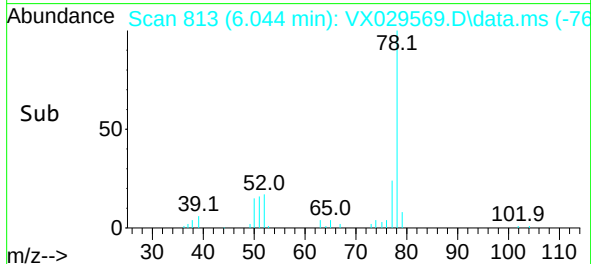
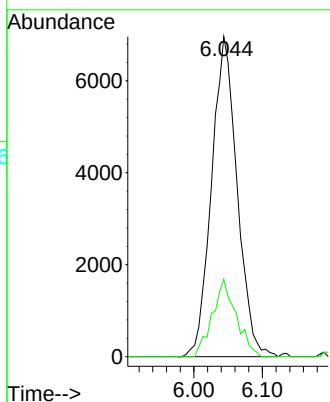
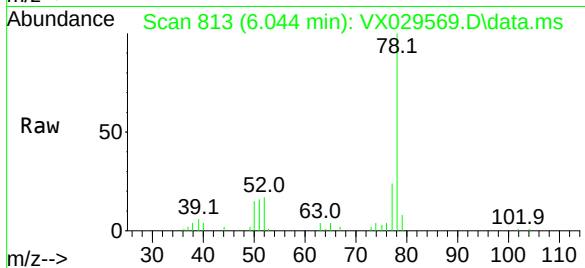
MW-4

Tgt Ion: 78 Resp: 18032

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9



#43

Isopropyl Acetate

Concen: 0.236 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.013 min

Lab File: VX029569.D

Acq: 18 Jun 2022 15:03

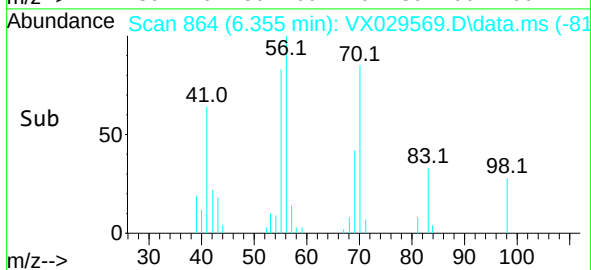
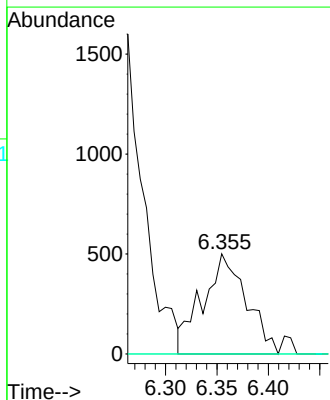
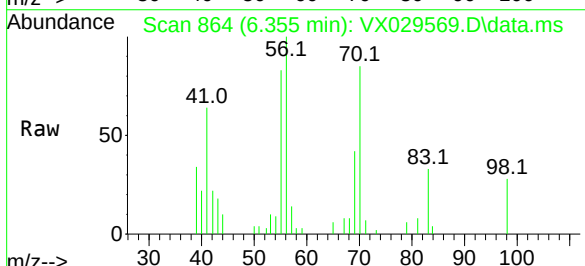
Tgt Ion: 43 Resp: 1476

Ion Ratio Lower Upper

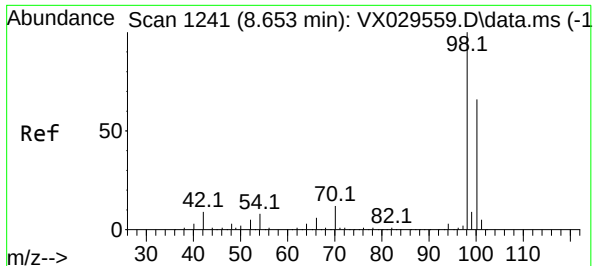
43 100

61 0.0 18.5 27.7#

87 0.0 13.0 19.6#



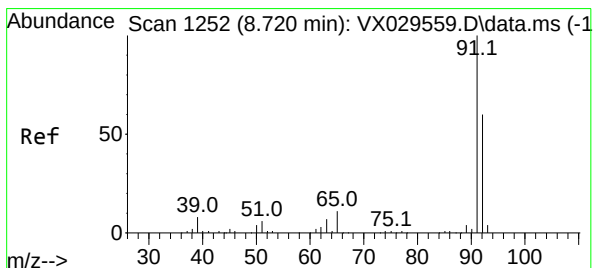
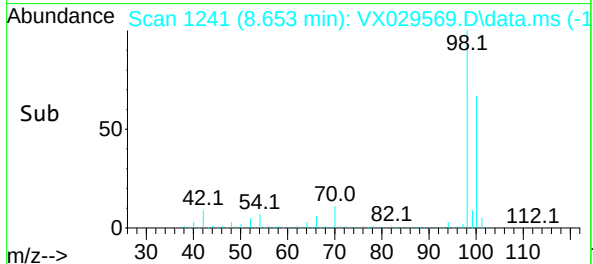
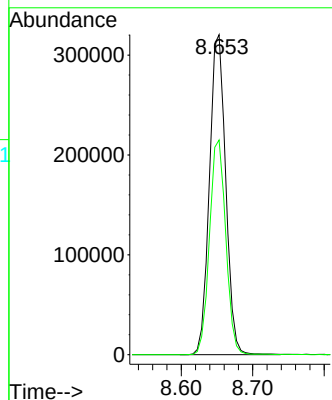
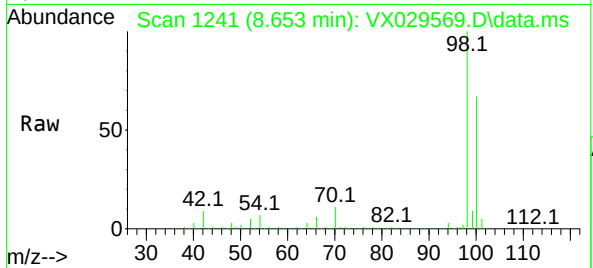




#50  
Toluene-d8  
Concen: 47.757 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

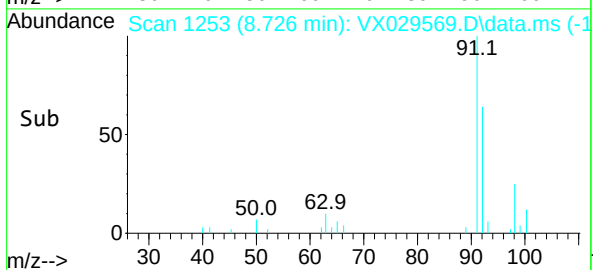
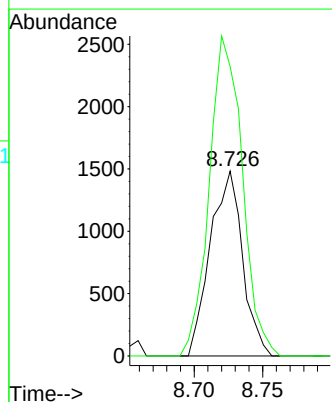
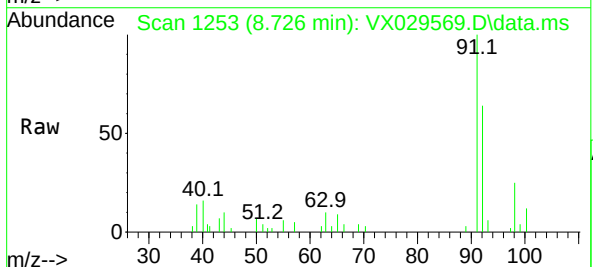
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

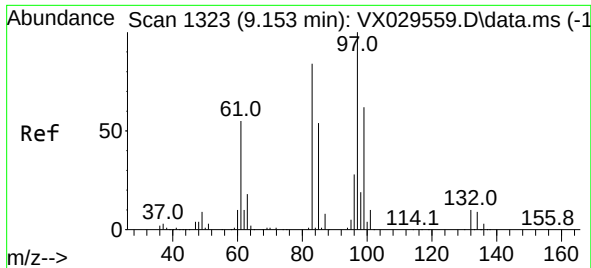
Tgt Ion: 98 Resp: 506460  
Ion Ratio Lower Upper  
98 100  
100 67.1 52.6 78.8



#52  
Toluene  
Concen: 0.325 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 92 Resp: 2426  
Ion Ratio Lower Upper  
92 100  
91 177.3 137.5 206.3

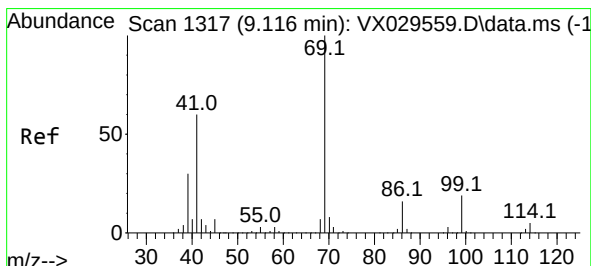
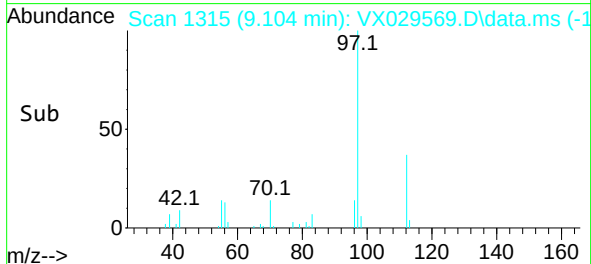
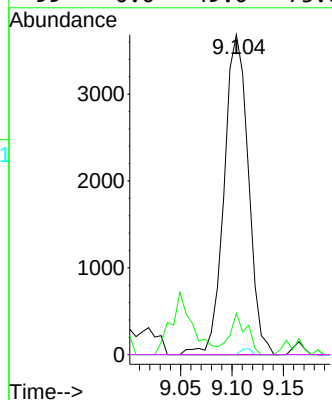
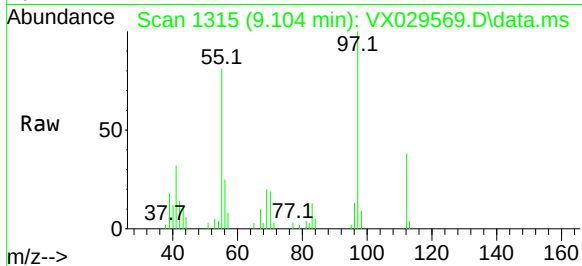




#55  
 1,1,2-Trichloroethane  
 Concen: 2.002 ug/l  
 RT: 9.104 min Scan# 1315  
 Delta R.T. -0.049 min  
 Lab File: VX029569.D  
 Acq: 18 Jun 2022 15:03

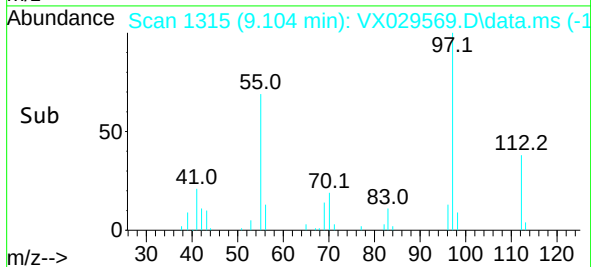
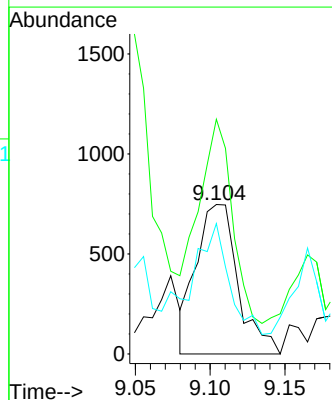
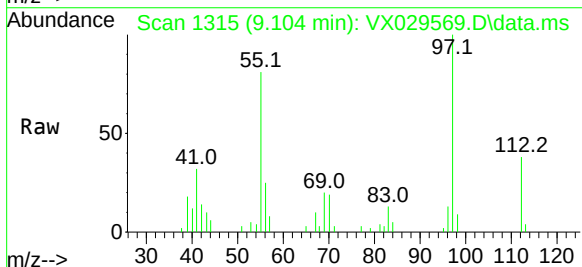
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

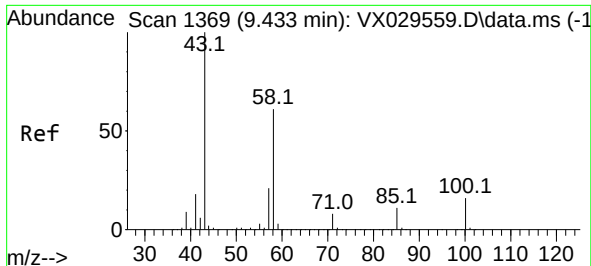
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 6036  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 11.4     | 66.2 99.4#  |
| 85 0.0      | 42.9 64.3#  |
| 99 0.0      | 49.0 73.6#  |



#56  
 Ethyl methacrylate  
 Concen: 0.320 ug/l  
 RT: 9.104 min Scan# 1315  
 Delta R.T. -0.012 min  
 Lab File: VX029569.D  
 Acq: 18 Jun 2022 15:03

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 1456  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 108.6    | 43.8 65.6#  |
| 39 80.6     | 22.2 33.2#  |





#59

2-Hexanone

Concen: 0.659 ug/l

RT: 9.458 min Scan# 1

Delta R.T. 0.025 min

Lab File: VX029569.D

Acq: 18 Jun 2022 15:03

Instrument :

MSVOA\_X

ClientSampleId :

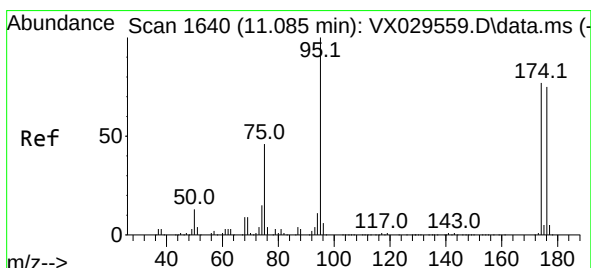
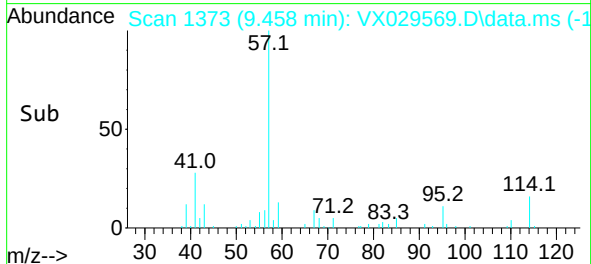
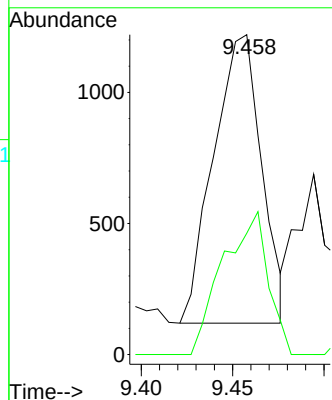
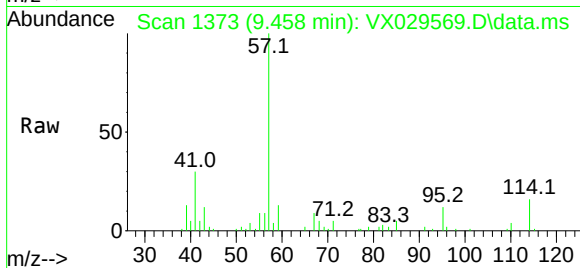
MW-4

Tgt Ion: 43 Resp: 2013

Ion Ratio Lower Upper

43 100

58 46.6 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 46.434 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029569.D

Acq: 18 Jun 2022 15:03

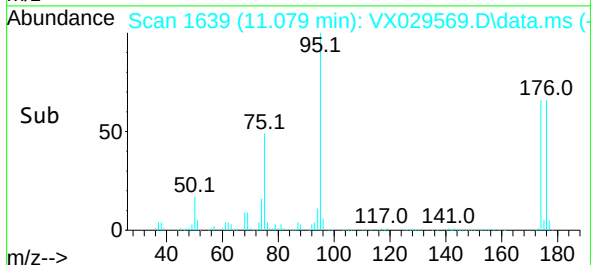
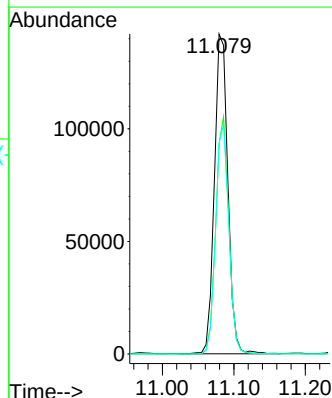
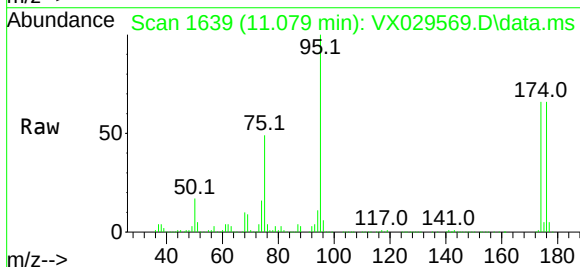
Tgt Ion: 95 Resp: 185701

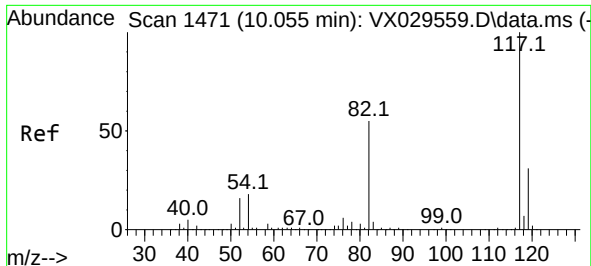
Ion Ratio Lower Upper

95 100

174 71.7 0.0 163.0

176 70.3 0.0 155.0

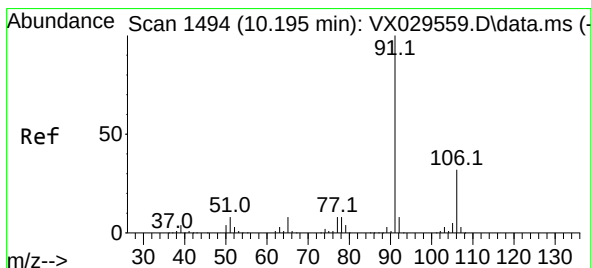
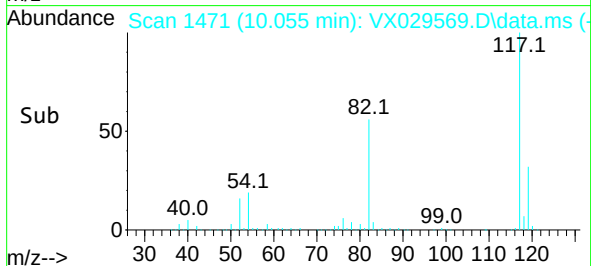
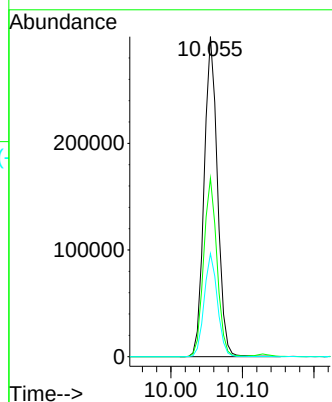
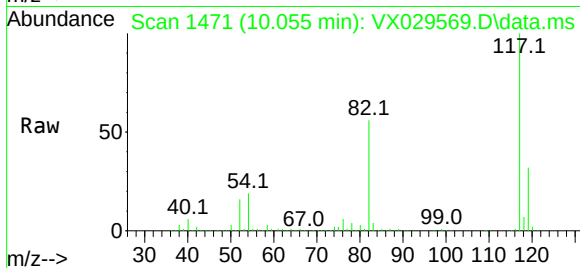




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

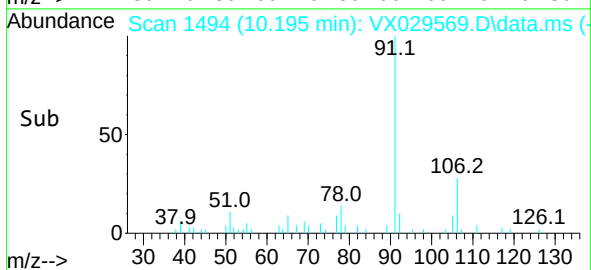
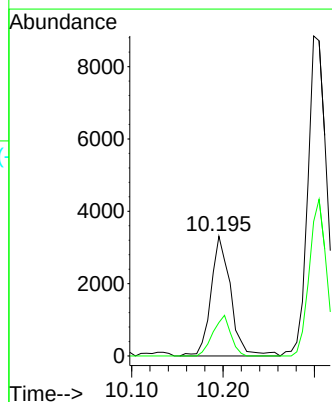
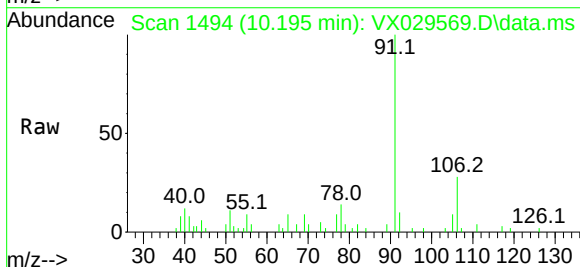
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

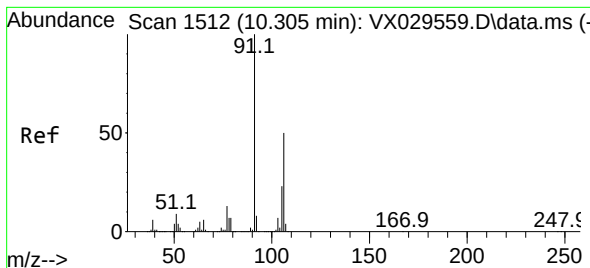
Tgt Ion:117 Resp: 389312  
Ion Ratio Lower Upper  
117 100  
82 55.8 41.8 62.8  
119 32.2 24.8 37.2



#67  
Ethyl Benzene  
Concen: 0.361 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 91 Resp: 4962  
Ion Ratio Lower Upper  
91 100  
106 28.0 24.6 36.8

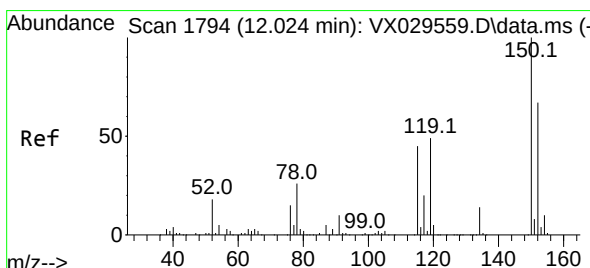
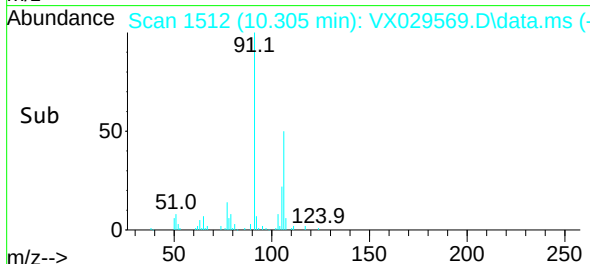
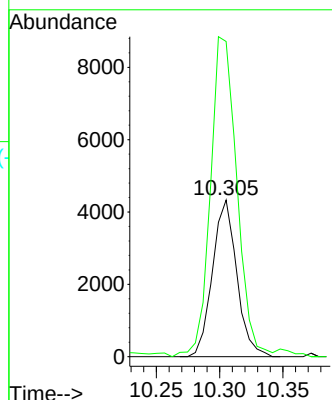
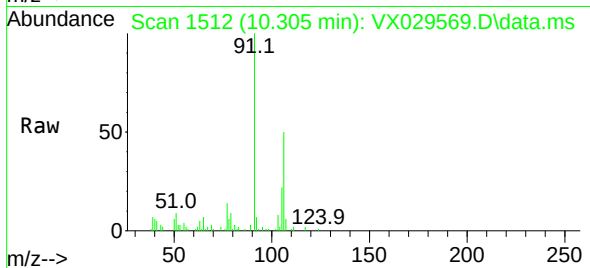




#68  
m/p-Xylenes  
Concen: 1.080 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

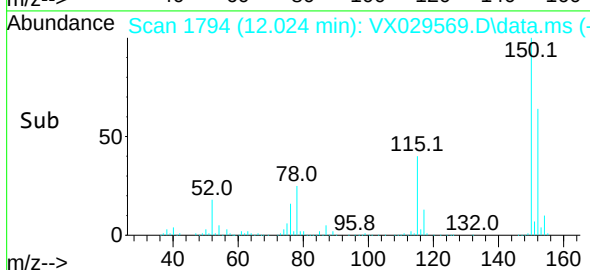
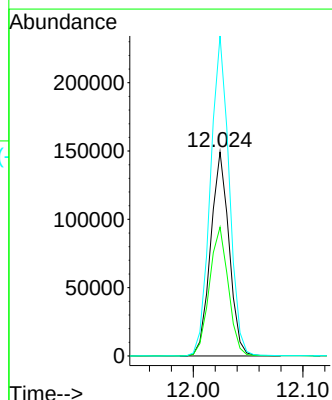
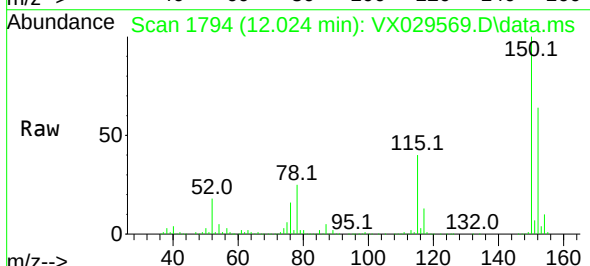
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

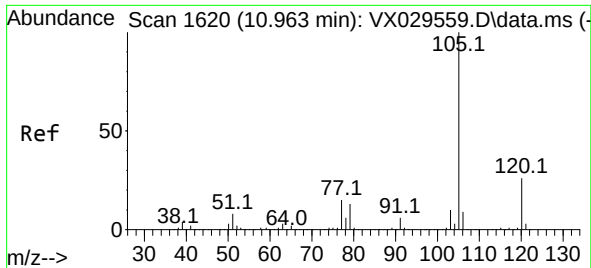
Tgt Ion:106 Resp: 5786  
Ion Ratio Lower Upper  
106 100  
91 221.9 160.4 240.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion:152 Resp: 174090  
Ion Ratio Lower Upper  
152 100  
115 64.9 37.5 112.7  
150 159.7 0.0 338.2

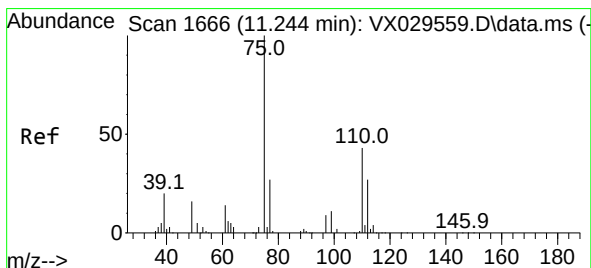
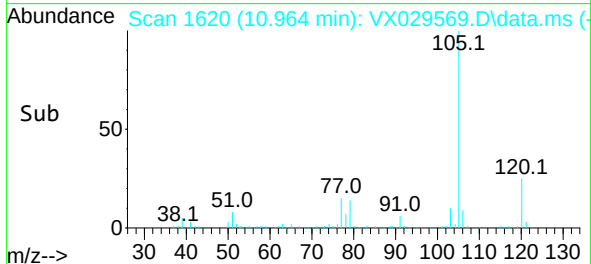
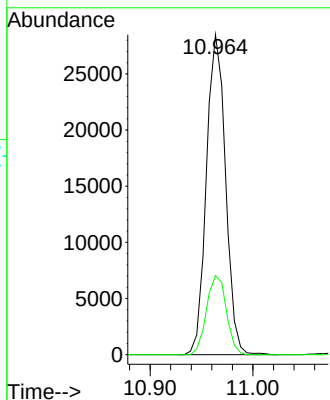
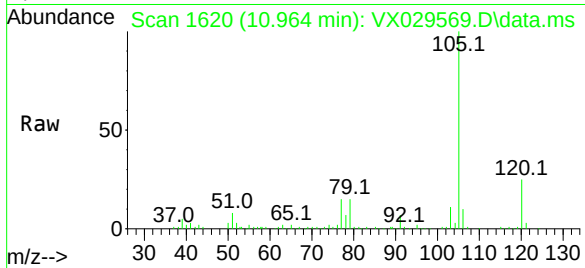




#73  
Isopropylbenzene  
Concen: 2.823 ug/l  
RT: 10.964 min Scan# 1639  
Delta R.T. 0.001 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

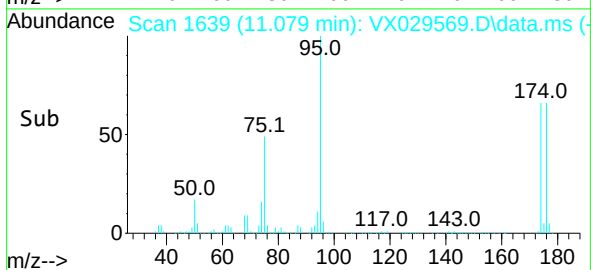
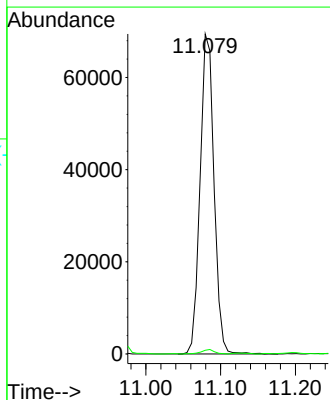
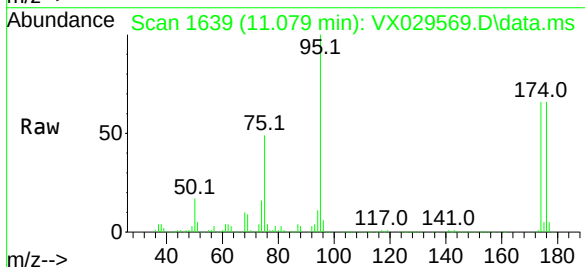
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

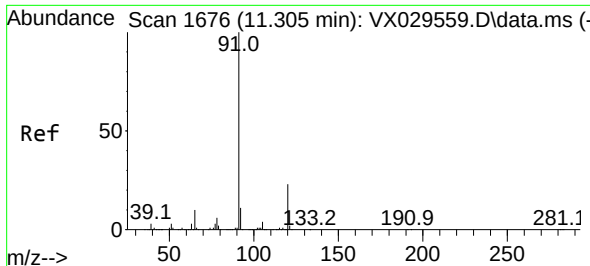
Tgt Ion:105 Resp: 36853  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.5 40.5



#76  
1,2,3-Trichloropropane  
Concen: 23.665 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 75 Resp: 89752  
Ion Ratio Lower Upper  
75 100  
77 1.3 19.4 58.2#

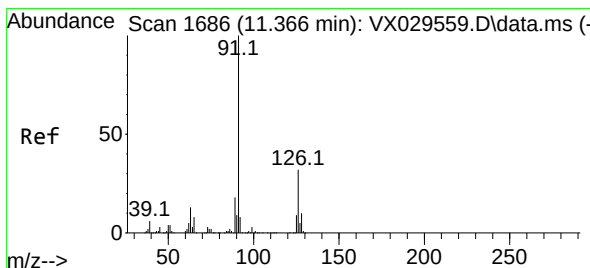
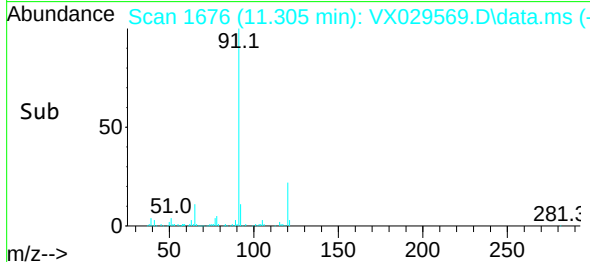
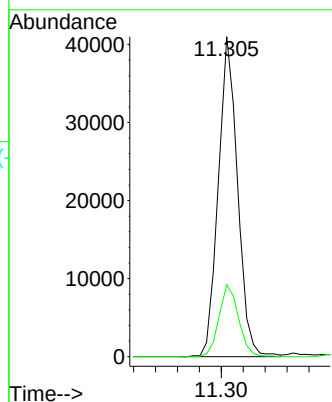
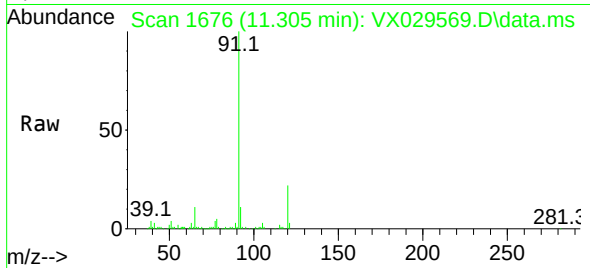




#78  
n-propylbenzene  
Concen: 3.405 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

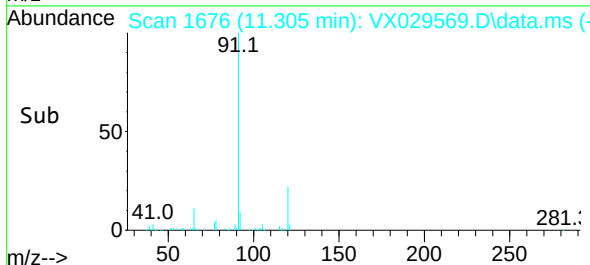
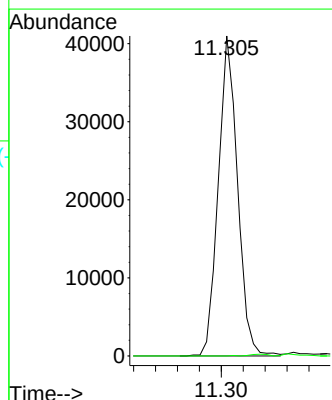
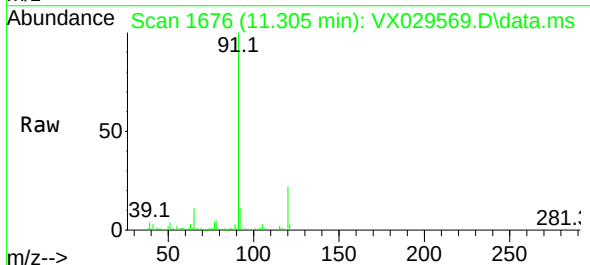
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

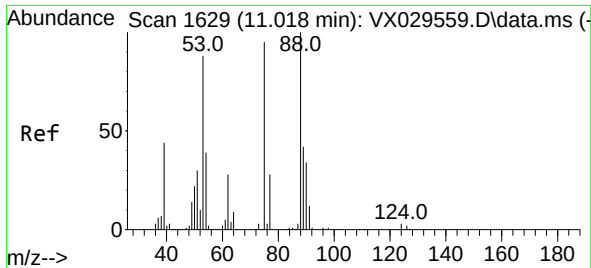
Tgt Ion: 91 Resp: 50063  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.6 34.8



#79  
2-Chlorotoluene  
Concen: 5.500 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.061 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 91 Resp: 50063  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.3 51.9#

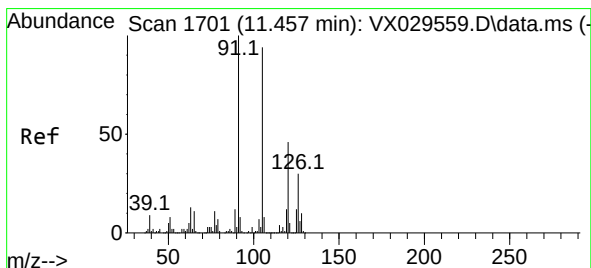
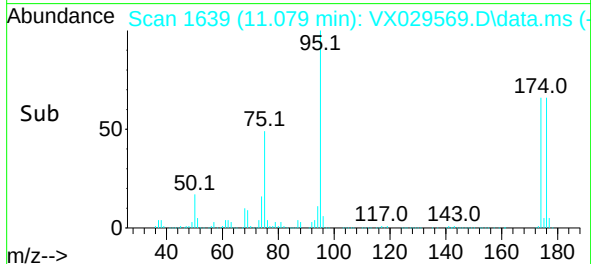
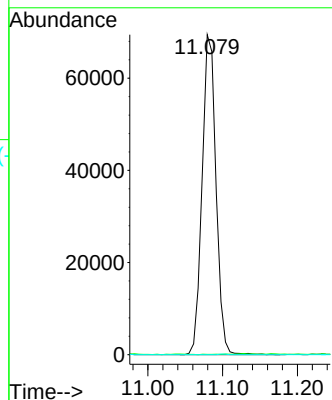
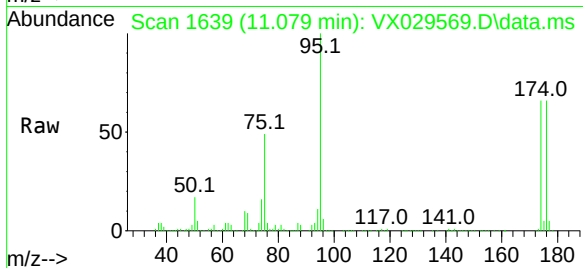




#81  
trans-1,4-Dichloro-2-butene  
Concen: 78.729 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

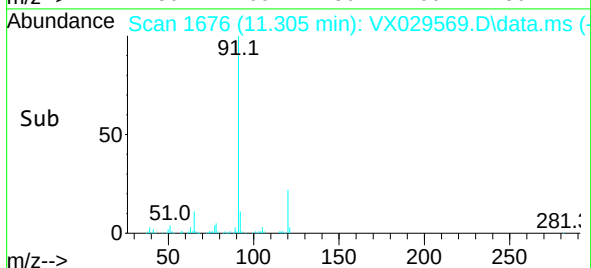
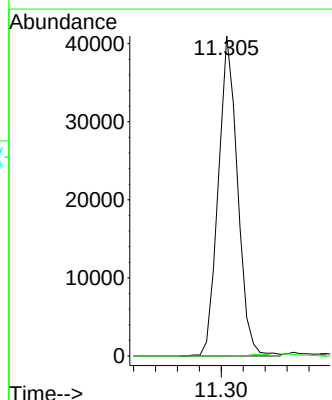
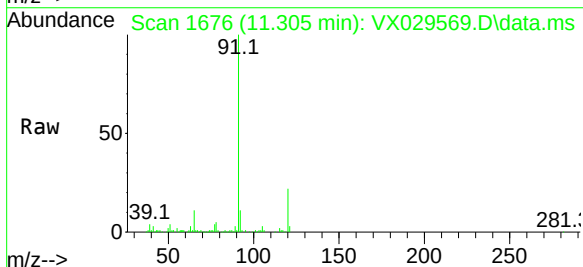
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

Tgt Ion: 75 Resp: 89752  
Ion Ratio Lower Upper  
75 100  
53 0.1 69.0 103.4#  
89 0.0 37.0 55.6#

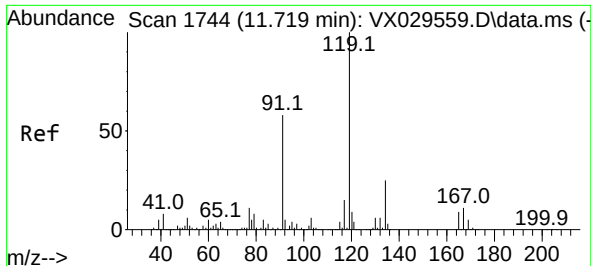


#82  
4-Chlorotoluene  
Concen: 4.823 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.152 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 91 Resp: 50063  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.9 44.5#



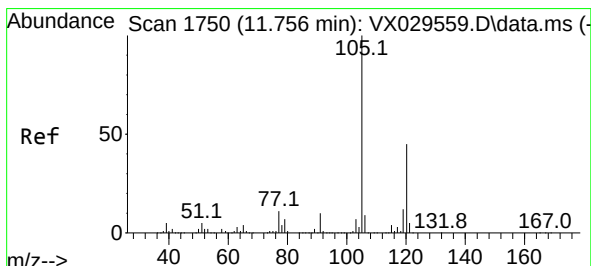
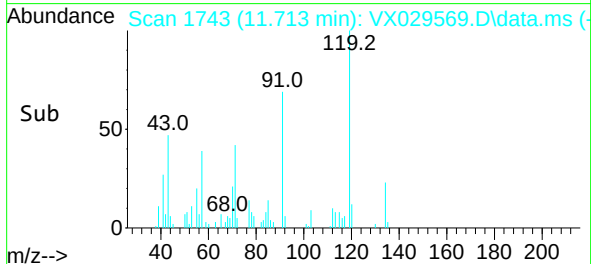
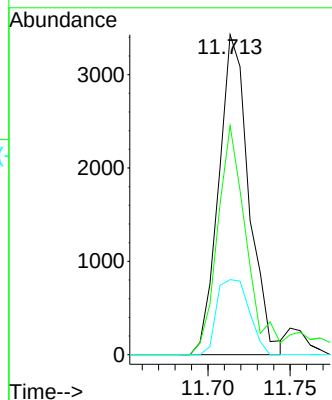
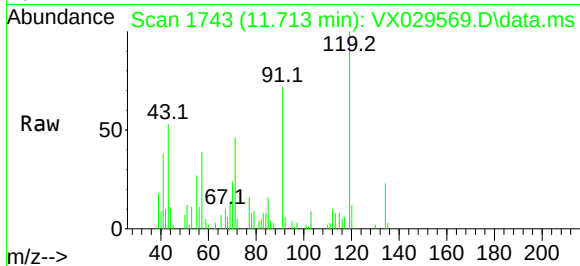




#83  
 tert-Butylbenzene  
 Concen: 0.410 ug/l  
 RT: 11.713 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX029569.D  
 Acq: 18 Jun 2022 15:03

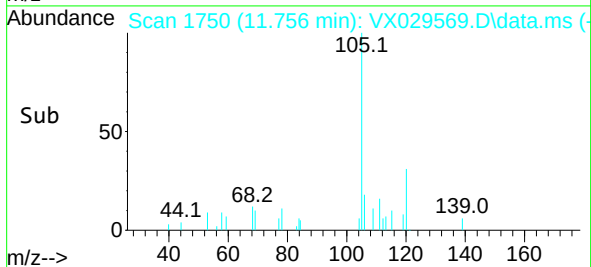
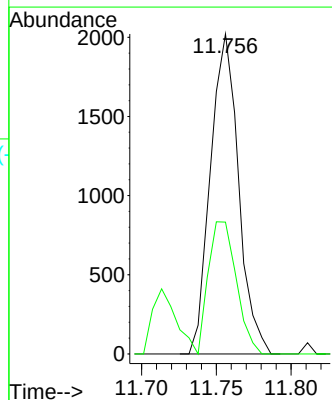
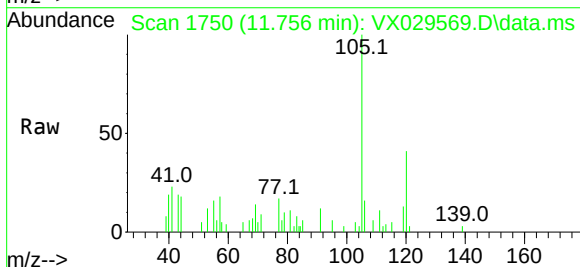
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

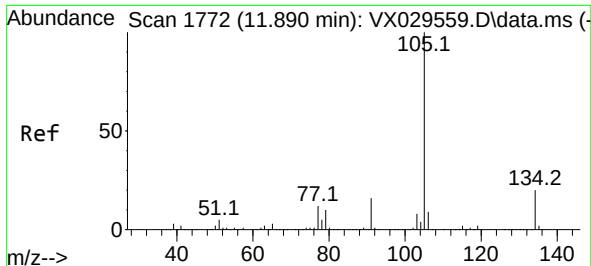
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 4395  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 69.5  | 26.9  | 80.6  |
| 134      | 25.0  | 11.4  | 34.2  |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.241 ug/l  
 RT: 11.756 min Scan# 1750  
 Delta R.T. 0.000 min  
 Lab File: VX029569.D  
 Acq: 18 Jun 2022 15:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 2638  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 41.1  | 22.6  | 67.8  |

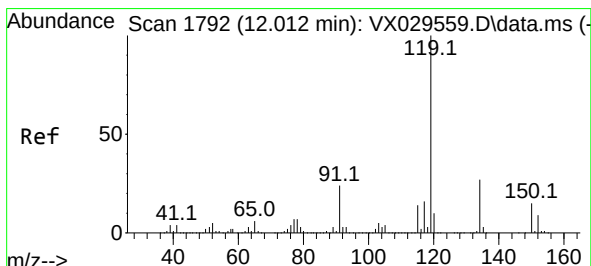
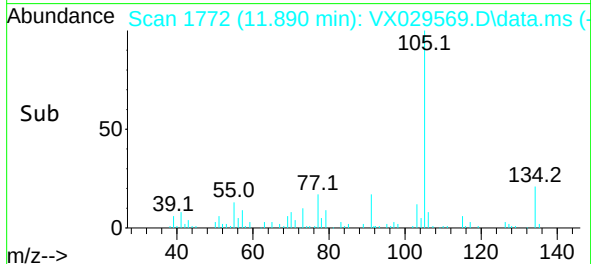
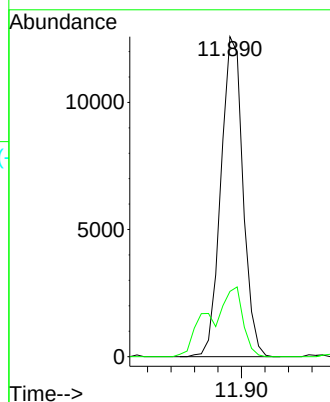
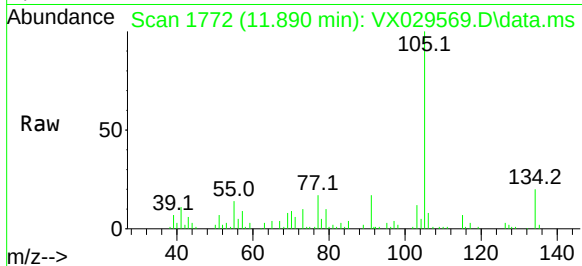




#85  
 sec-Butylbenzene  
 Concen: 1.234 ug/l  
 RT: 11.890 min Scan# 1181  
 Delta R.T. 0.000 min  
 Lab File: VX029569.D  
 Acq: 18 Jun 2022 15:03

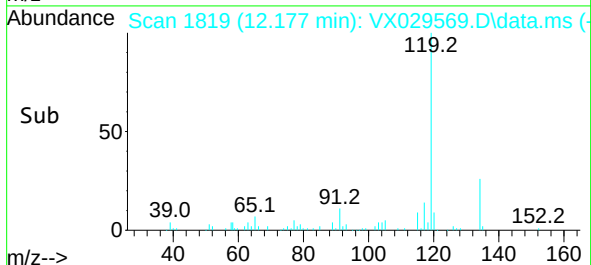
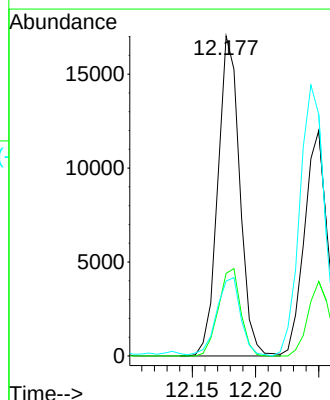
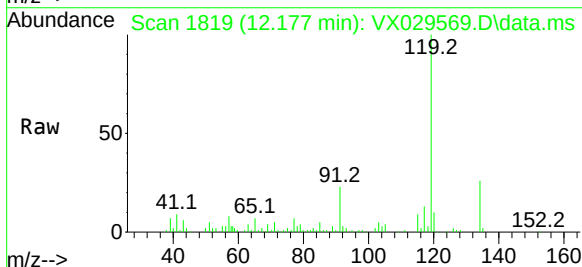
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

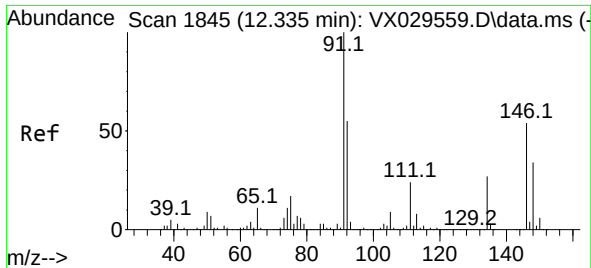
Tgt Ion:105 Resp: 16392  
 Ion Ratio Lower Upper  
 105 100  
 134 33.2 10.2 30.4#



#86  
 p-Isopropyltoluene  
 Concen: 1.840 ug/l  
 RT: 12.177 min Scan# 1819  
 Delta R.T. 0.165 min  
 Lab File: VX029569.D  
 Acq: 18 Jun 2022 15:03

Tgt Ion:119 Resp: 20466  
 Ion Ratio Lower Upper  
 119 100  
 134 27.7 13.0 39.0  
 91 27.0 11.3 33.9

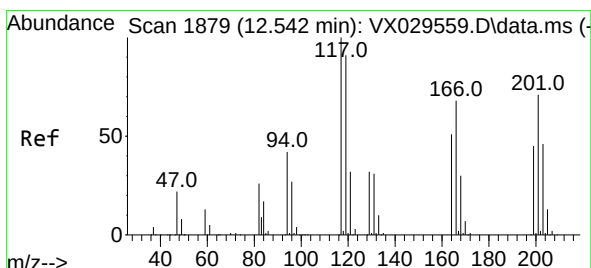
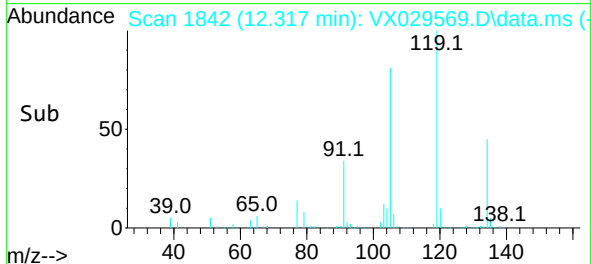
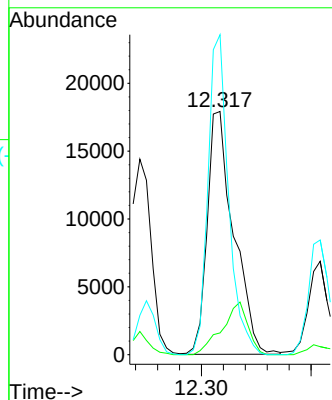
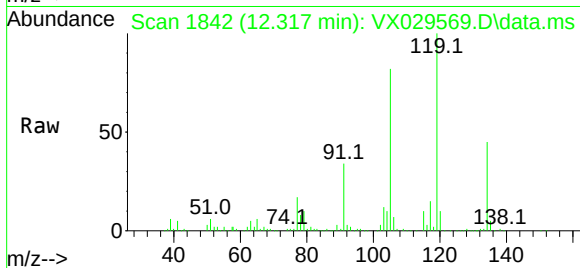




#89  
n-Butylbenzene  
Concen: 3.205 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. -0.018 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

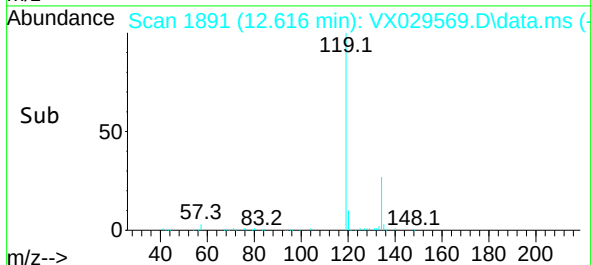
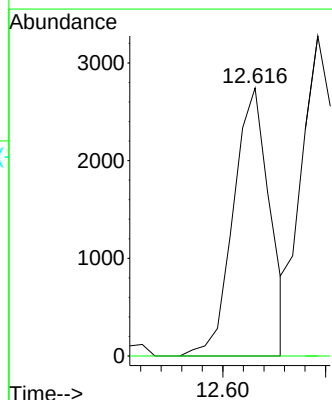
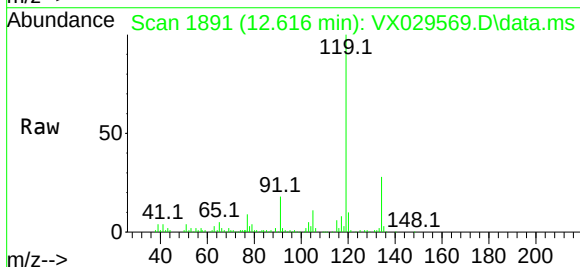
Instrument : MSVOA\_X  
ClientSampleId : MW-4

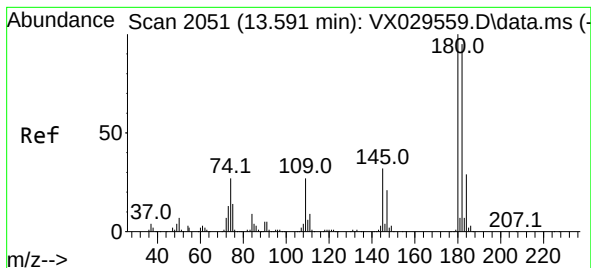
Tgt Ion: 91 Resp: 30089  
Ion Ratio Lower Upper  
91 100  
92 21.1 27.8 83.3#  
134 102.5 13.3 39.8#



#90  
Hexachloroethane  
Concen: 2.120 ug/l  
RT: 12.616 min Scan# 1891  
Delta R.T. 0.074 min  
Lab File: VX029569.D  
Acq: 18 Jun 2022 15:03

Tgt Ion: 117 Resp: 3377  
Ion Ratio Lower Upper  
117 100  
201 0.0 39.5 118.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.216 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX029569.D

Acq: 18 Jun 2022 15:03

Instrument :

MSVOA\_X

ClientSampleId :

MW-4

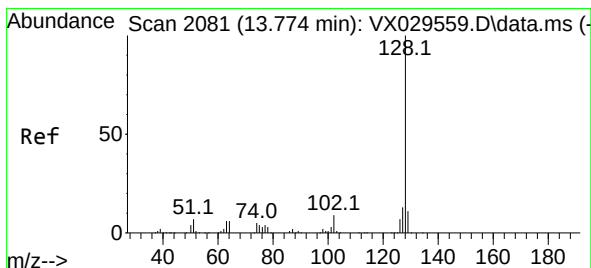
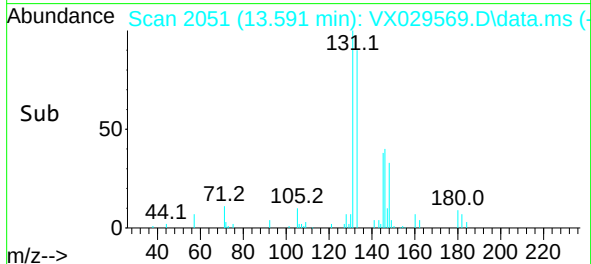
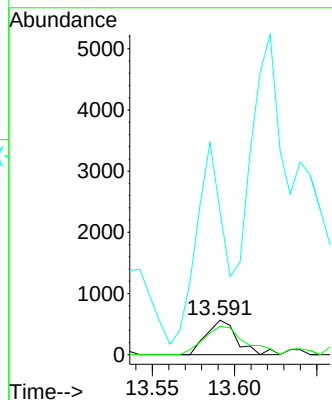
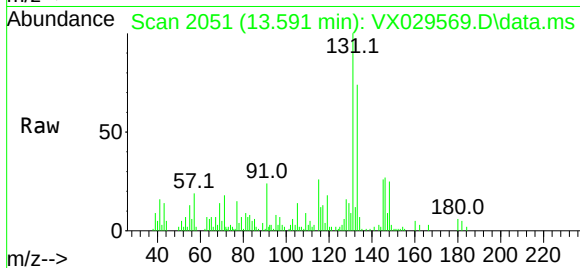
Tgt Ion:180 Resp: 735

Ion Ratio Lower Upper

180 100

182 109.7 47.7 143.1

145 529.1 15.2 45.5#



#95

Naphthalene

Concen: 0.943 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029569.D

Acq: 18 Jun 2022 15:03

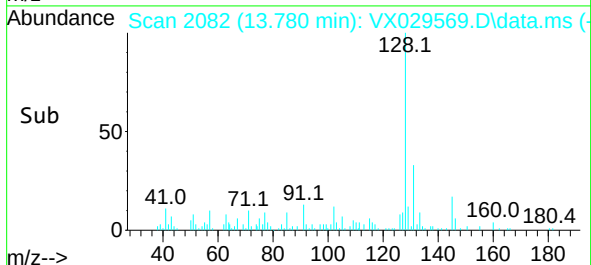
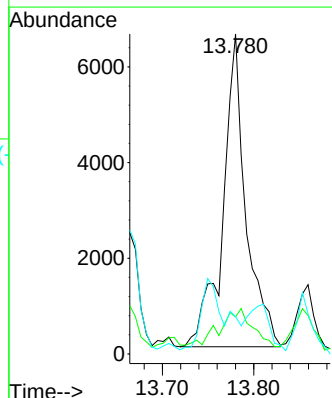
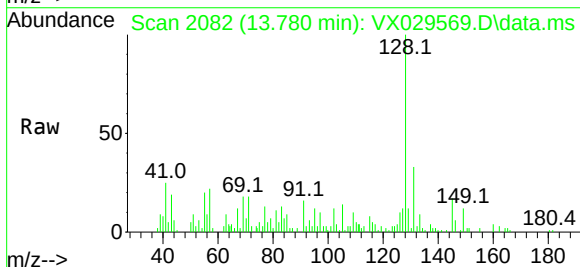
Tgt Ion:128 Resp: 11514

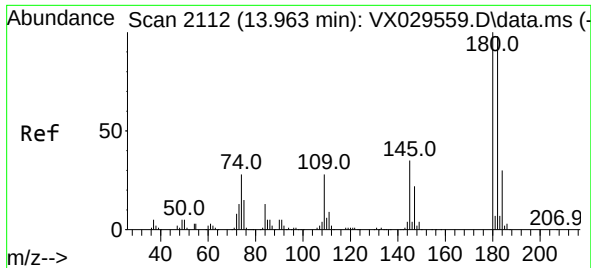
Ion Ratio Lower Upper

128 100

127 19.1 10.2 15.4#

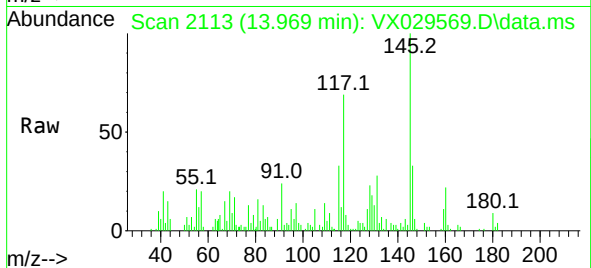
129 0.0 8.7 13.1#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.230 ug/l  
 RT: 13.969 min Scan# 2113  
 Delta R.T. 0.006 min  
 Lab File: VX029569.D  
 Acq: 18 Jun 2022 15:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4



Tgt Ion:180 Resp: 782  
 Ion Ratio Lower Upper  
 180 100  
 182 64.3 50.0 149.8  
 145 1133.0 16.2 48.5#

