

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062222\  
 Data File : VX029706.D  
 Acq On : 22 Jun 2022 17:57  
 Operator : JC/MD  
 Sample : N3202-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11

Quant Time: Jun 23 01:10:09 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   | 257188   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 428767   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 365465   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 161581   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 134994   | 39.652    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 79.300%  |
| 35) Dibromofluoromethane      | 5.391  | 113   | 126011   | 45.097    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 90.200%  |
| 50) Toluene-d8                | 8.653  | 98    | 476972   | 46.726    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 93.460%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 177228   | 46.039    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 92.080%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 1.294  | 50    | 1701     | 0.507     | ug/l # | 82       |
| 5) Bromomethane               | 1.624  | 94    | 564      | 0.358     | ug/l # | 62       |
| 6) Chloroethane               | 1.733  | 64    | 595      | 1.532     | ug/l # | 47       |
| 10) Methyl Iodide             | 2.459  | 142   | 379      | 3.133     | ug/l # | 83       |
| 11) Tert butyl alcohol        | 2.959  | 59    | 63828    | 79.730    | ug/l   | 98       |
| 13) Acrolein                  | 2.221  | 56    | 281      | 1.498     | ug/l # | 1        |
| 14) Allyl chloride            | 2.782  | 41    | 17035    | 4.049     | ug/l # | 60       |
| 15) Acrylonitrile             | 3.099  | 53    | 3936     | 2.472     | ug/l # | 40       |
| 16) Acetone                   | 2.380  | 43    | 9124     | 6.724     | ug/l   | 99       |
| 17) Carbon Disulfide          | 2.520  | 76    | 8851     | 1.310     | ug/l   | 99       |
| 18) Methyl Acetate            | 2.782  | 43    | 46451    | 12.947    | ug/l # | 46       |
| 19) Methyl tert-butyl Ether   | 3.117  | 73    | 9227     | 1.020     | ug/l # | 1        |
| 22) Diisopropyl ether         | 3.763  | 45    | 3587     | 0.431     | ug/l # | 75       |
| 23) Vinyl Acetate             | 3.757  | 43    | 2537     | 0.365     | ug/l # | 66       |
| 25) 2-Butanone                | 4.568  | 43    | 9269     | 4.321     | ug/l   | 94       |
| 26) 2,2-Dichloropropane       | 4.312  | 77    | 1777     | 0.456     | ug/l # | 52       |
| 30) Chloroform                | 5.172  | 83    | 9711     | 1.833     | ug/l # | 27       |
| 31) Cyclohexane               | 5.477  | 56    | 84375    | 18.460    | ug/l   | 93       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 18314    | 4.843     | ug/l # | 50       |
| 37) Ethyl Acetate             | 4.782  | 43    | 837      | 0.216     | ug/l # | 1        |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 26024    | 6.998     | ug/l # | 15       |
| 39) Methylcyclohexane         | 7.385  | 83    | 234625   | 49.761    | ug/l   | 93       |
| 40) Benzene                   | 6.037  | 78    | 15987    | 1.426     | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.361  | 43    | 5877     | 0.975     | ug/l # | 56       |
| 44) Trichloroethene           | 7.135  | 130   | 1436     | Below Cal |        | 77       |
| 45) 1,2-Dichloropropane       | 7.373  | 63    | 2450     | 0.891     | ug/l # | 1        |
| 47) Bromodichloromethane      | 7.775  | 83    | 2192     | 0.576     | ug/l # | 79       |
| 48) Methyl methacrylate       | 7.659  | 41    | 25695    | 8.694     | ug/l # | 54       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43    | 2873     | 0.739     | ug/l   | 93       |
| 52) Toluene                   | 8.720  | 92    | 6996     | 0.975     | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.104  | 97    | 35359    | 12.183    | ug/l # | 19       |
| 56) Ethyl methacrylate        | 9.098  | 69    | 7580     | 1.729     | ug/l # | 1        |
| 58) 2-Chloroethyl Vinyl ether | 8.147  | 63    | 3162     | 1.535     | ug/l # | 45       |
| 59) 2-Hexanone                | 9.445  | 43    | 5581     | 1.897     | ug/l   | 66       |
| 67) Ethyl Benzene             | 10.195 | 91    | 422541   | 32.755    | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106   | 87244    | 17.342    | ug/l   | 99       |

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

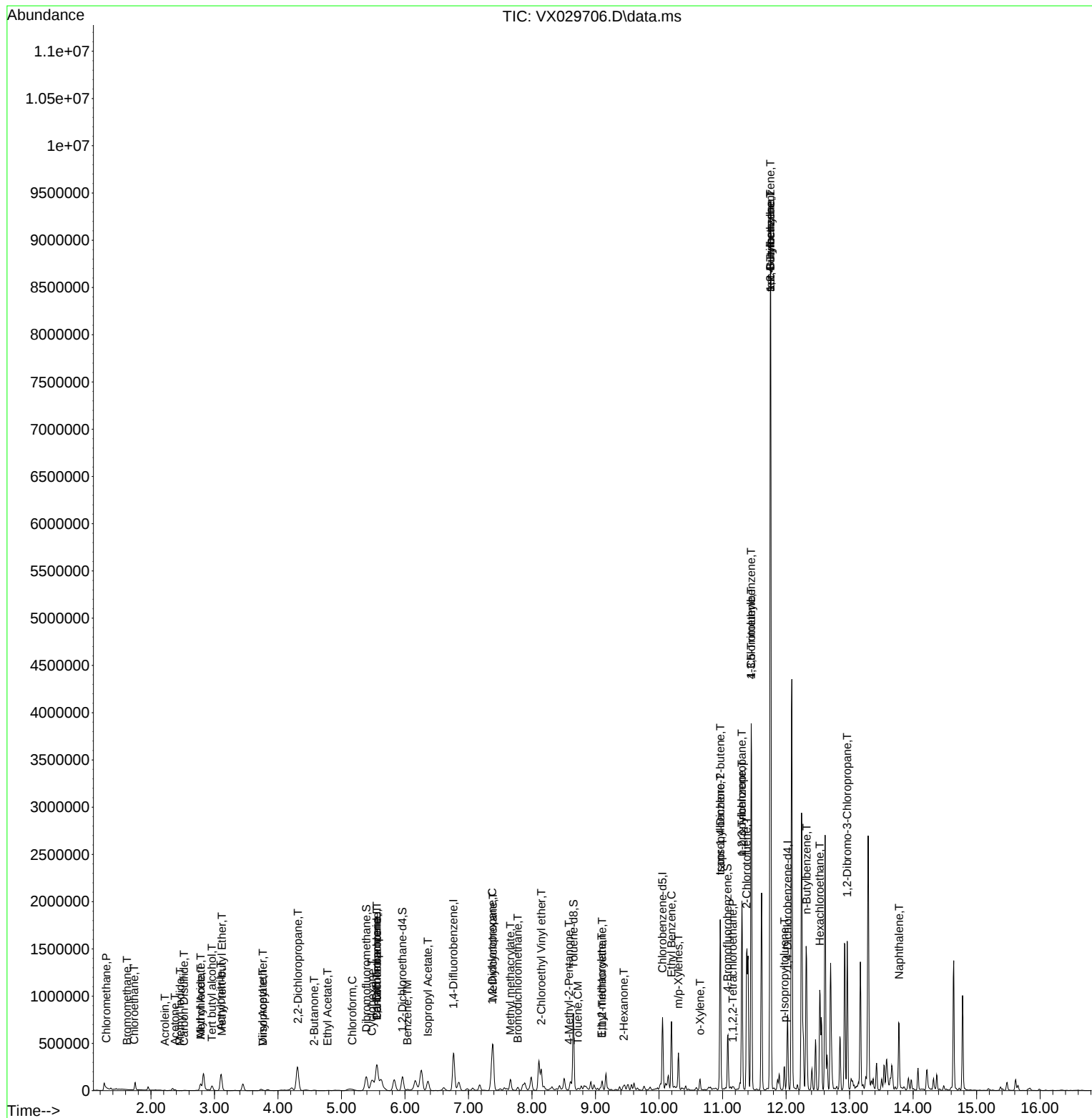
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 69) o-Xylene                  | 10.646 | 106  | 22822    | 4.592   | ug/l   | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 932429   | 76.964  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.158 | 83   | 1221     | 0.312   | ug/l # | 70       |
| 76) 1,2,3-Trichloropropane    | 11.305 | 75   | 6803     | 1.933   | ug/l # | 1        |
| 78) n-propylbenzene           | 11.305 | 91   | 1239627  | 90.849  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.378 | 91   | 165353   | 19.571  | ug/l # | 40       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1738429  | 170.385 | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.963 | 75   | 9607     | 9.079   | ug/l # | 53       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 181432   | 18.831  | ug/l # | 45       |
| 83) tert-Butylbenzene         | 11.756 | 119  | 544967   | 54.781  | ug/l # | 56       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 4166465  | 409.445 | ug/l   | 95       |
| 85) sec-Butylbenzene          | 11.756 | 105  | 4166465  | 337.936 | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 11.975 | 119  | 116824   | 11.316  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.323 | 91   | 200194   | 22.977  | ug/l # | 12       |
| 90) Hexachloroethane          | 12.530 | 117  | 48015    | 32.482  | ug/l # | 10       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.963 | 75   | 4567     | 5.262   | ug/l # | 1        |
| 95) Naphthalene               | 13.780 | 128  | 459743   | 40.563  | ug/l   | 99       |
| -----                         |        |      |          |         |        |          |

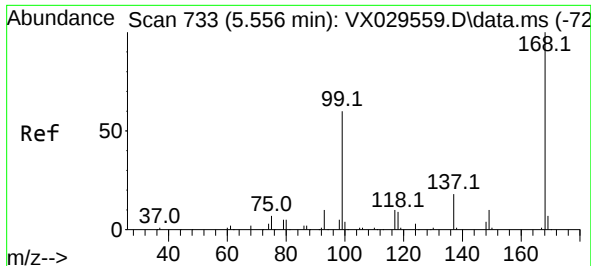
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 20 01:31:01 2022  
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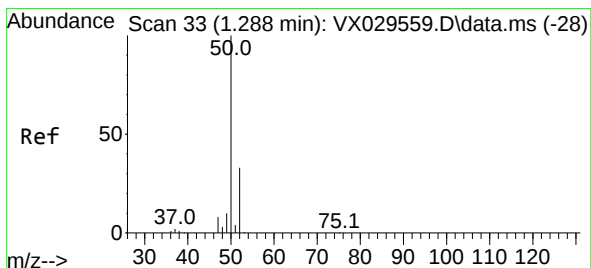
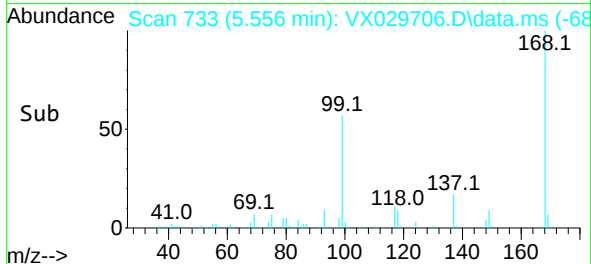
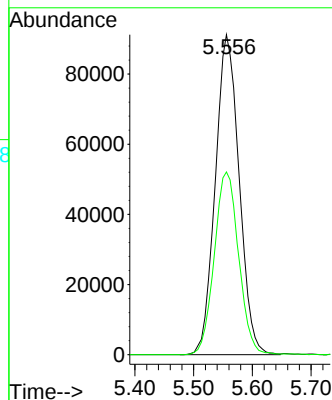
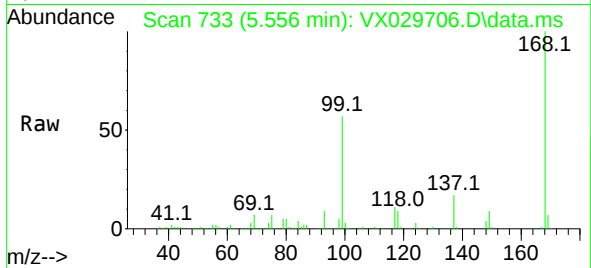




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

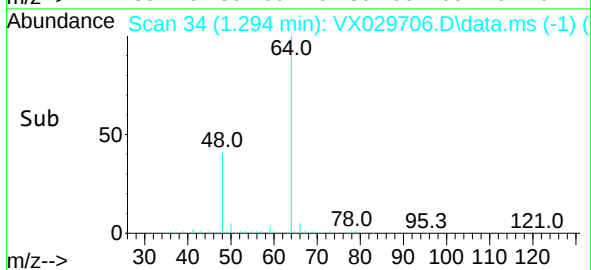
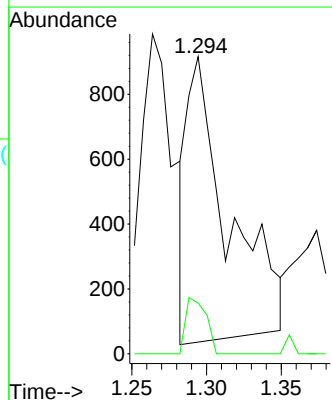
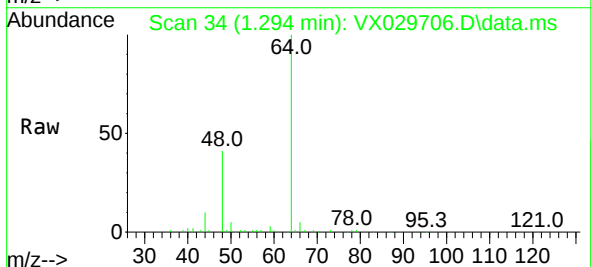
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

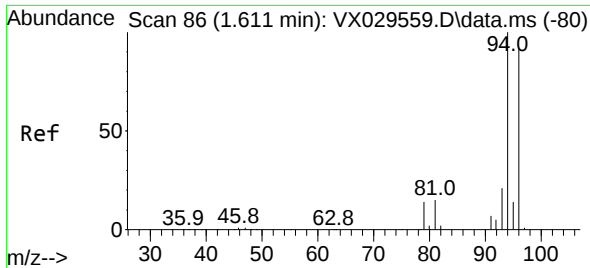
Tgt Ion:168 Resp: 257188  
Ion Ratio Lower Upper  
168 100  
99 57.1 41.7 62.5



#3  
Chloromethane  
Concen: 0.507 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 50 Resp: 1701  
Ion Ratio Lower Upper  
50 100  
52 23.1 26.4 39.6#

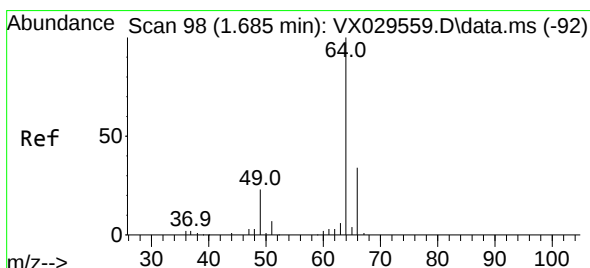
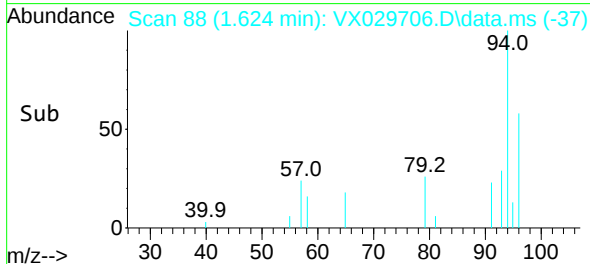
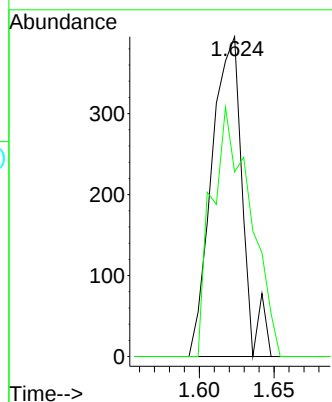
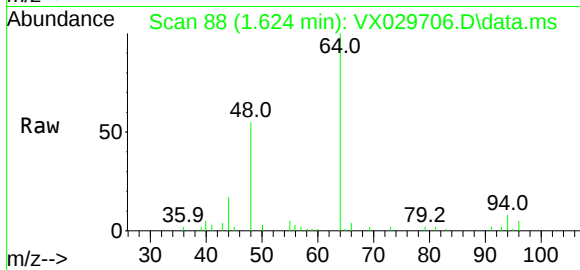




#5  
Bromomethane  
Concen: 0.358 ug/l  
RT: 1.624 min Scan# 81  
Delta R.T. 0.013 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

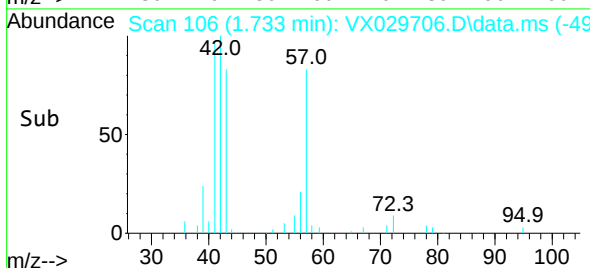
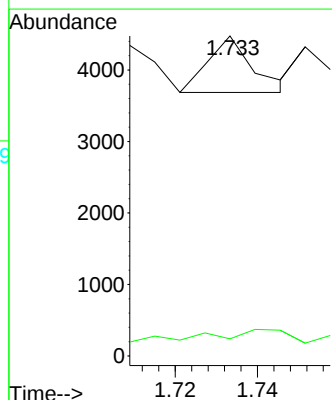
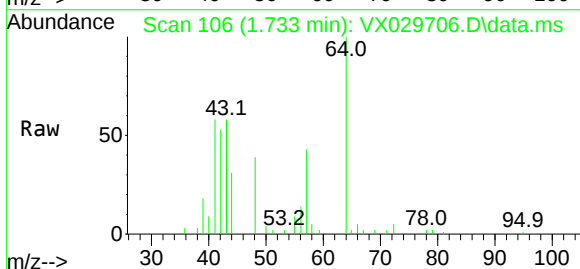
Instrument :  
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ClientSampleId :  
MW-11

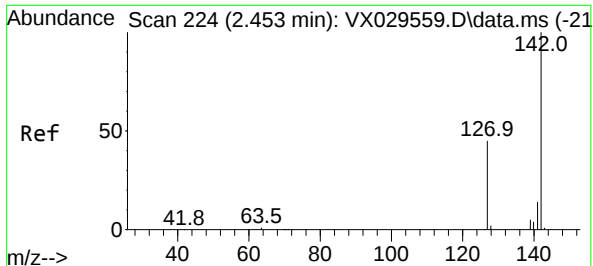
Tgt Ion: 94 Resp: 564  
Ion Ratio Lower Upper  
94 100  
96 57.7 75.3 112.9#



#6  
Chloroethane  
Concen: 1.532 ug/l  
RT: 1.733 min Scan# 106  
Delta R.T. 0.048 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 64 Resp: 595  
Ion Ratio Lower Upper  
64 100  
66 2.3 25.3 37.9#

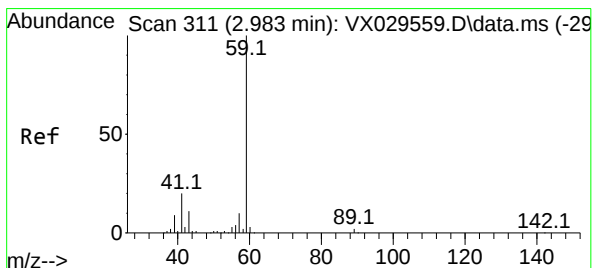
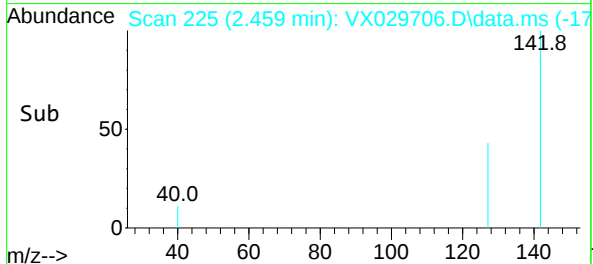
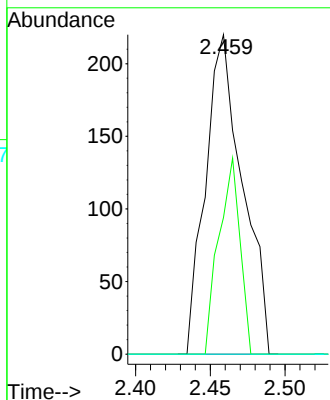
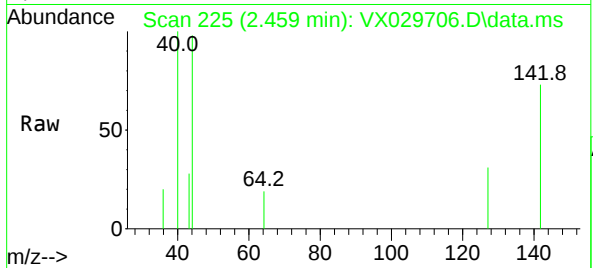




#10  
Methyl Iodide  
Concen: 3.133 ug/l  
RT: 2.459 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

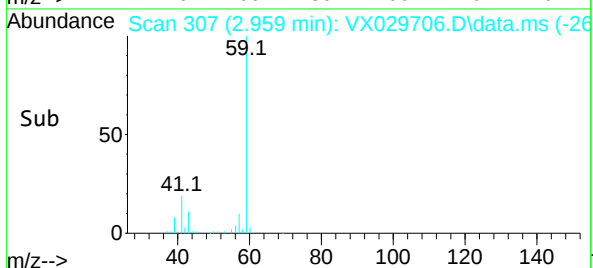
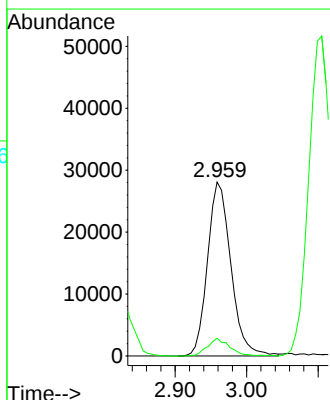
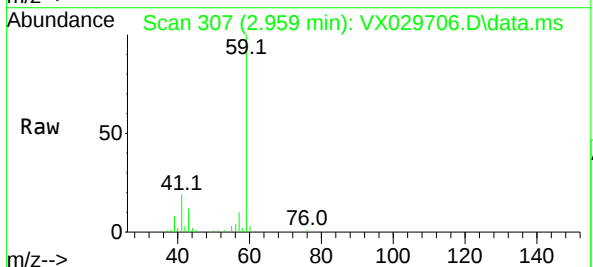
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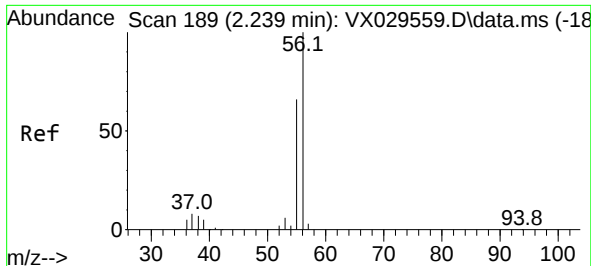
Tgt Ion:142 Resp: 379  
Ion Ratio Lower Upper  
142 100  
127 35.1 33.9 50.9  
141 0.0 11.4 17.2#



#11  
Tert butyl alcohol  
Concen: 79.730 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. -0.024 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 59 Resp: 63828  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.3 12.5

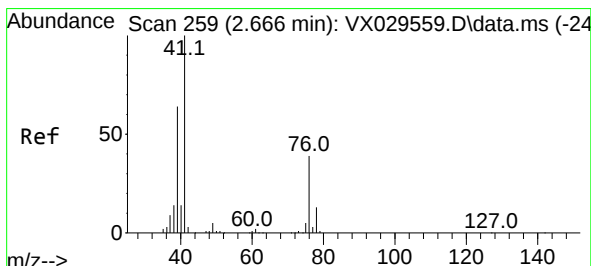
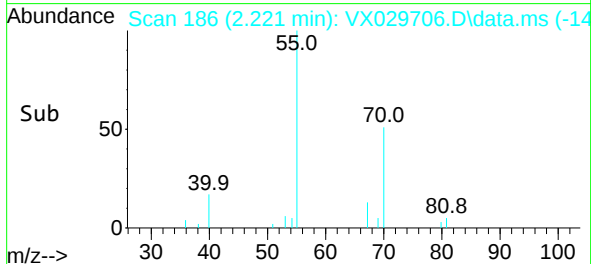
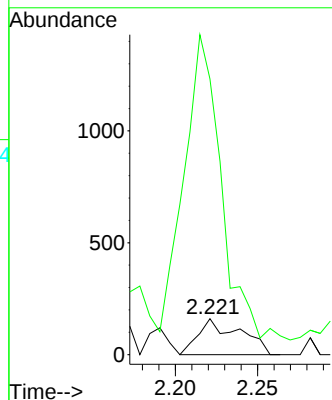
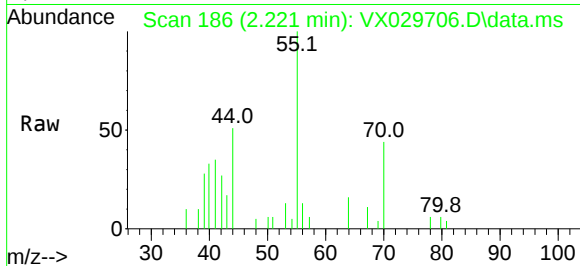




#13  
Acrolein  
Concen: 1.498 ug/l  
RT: 2.221 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

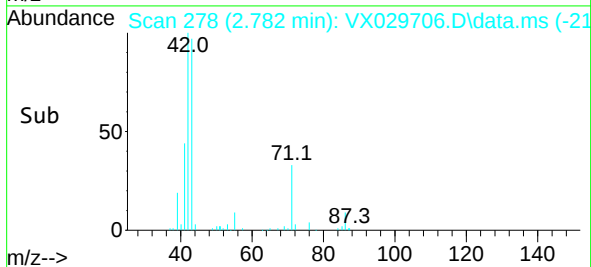
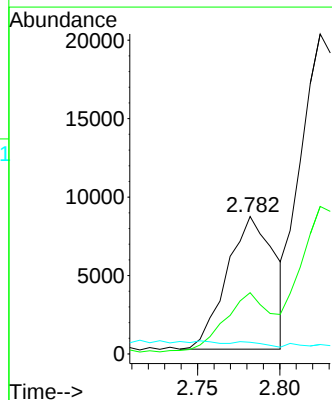
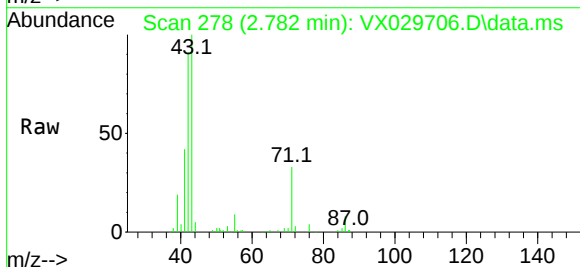
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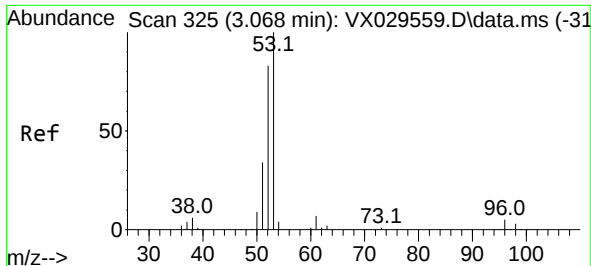
Tgt Ion: 56 Resp: 281  
Ion Ratio Lower Upper  
56 100  
55 877.2 55.0 82.6#



#14  
Allyl chloride  
Concen: 4.049 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.116 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 41 Resp: 17035  
Ion Ratio Lower Upper  
41 100  
39 44.5 50.4 75.6#  
76 0.0 32.7 49.1#





#15

Acrylonitrile

Concen: 2.472 ug/l

RT: 3.099 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX029706.D

Acq: 22 Jun 2022 17:57

Instrument :

MSVOA\_X

ClientSampleId :

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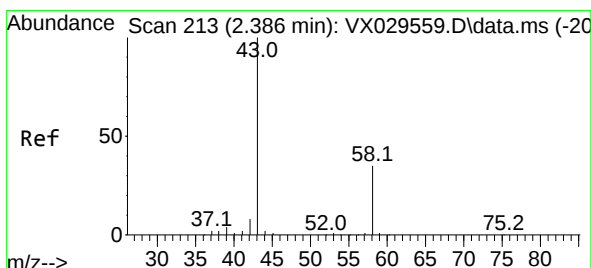
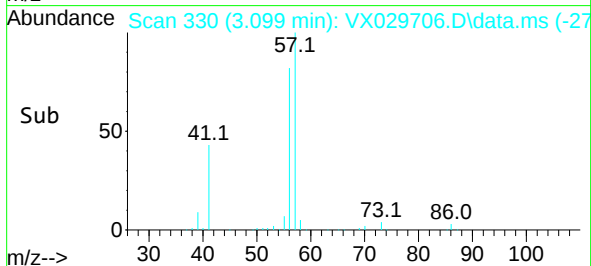
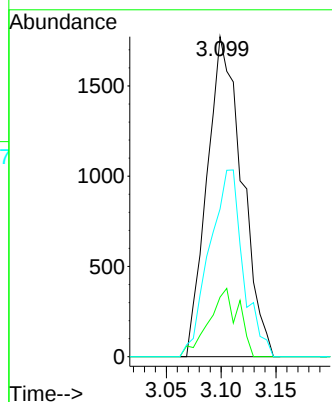
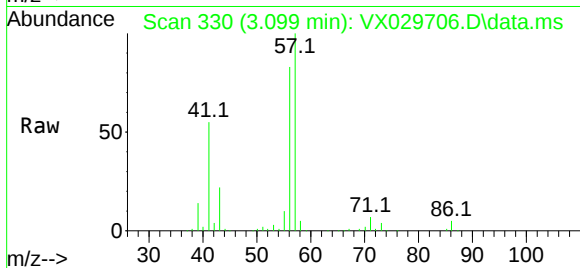
Tgt Ion: 53 Resp: 3936

Ion Ratio Lower Upper

53 100

52 18.2 65.7 98.5#

51 56.1 28.4 42.6#



#16

Acetone

Concen: 6.724 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX029706.D

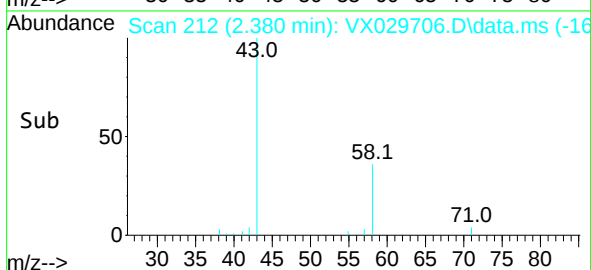
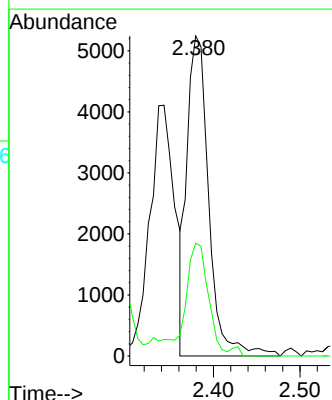
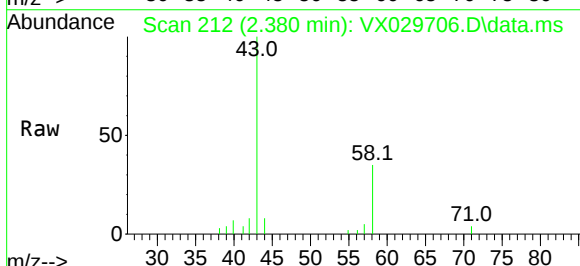
Acq: 22 Jun 2022 17:57

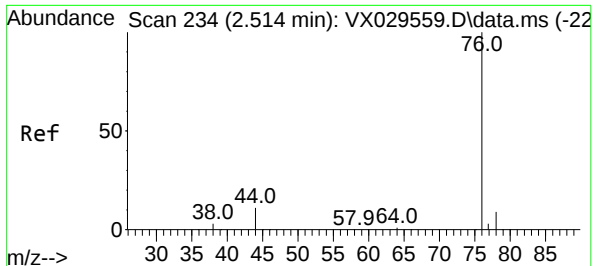
Tgt Ion: 43 Resp: 9124

Ion Ratio Lower Upper

43 100

58 35.2 28.8 43.2

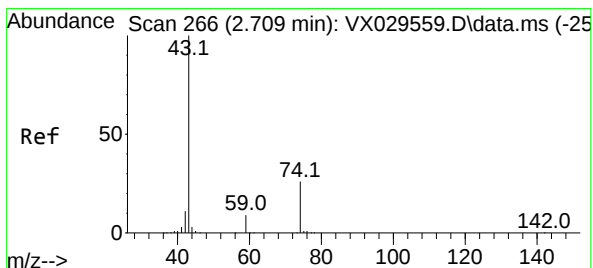
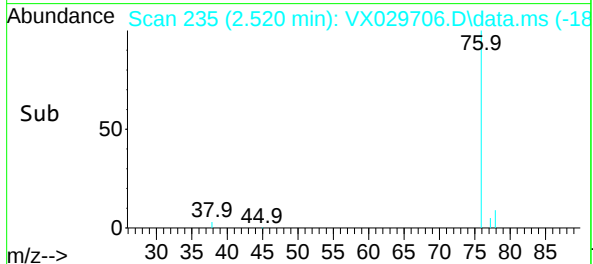
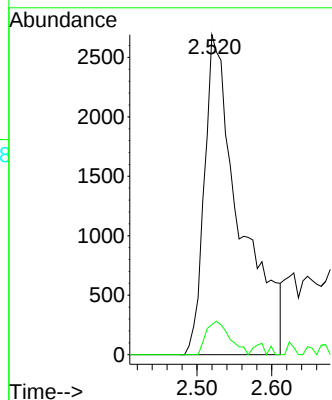
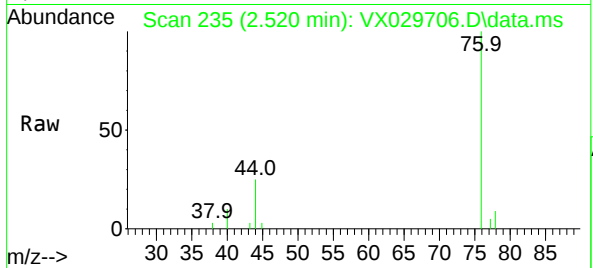




#17  
Carbon Disulfide  
Concen: 1.310 ug/l  
RT: 2.520 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

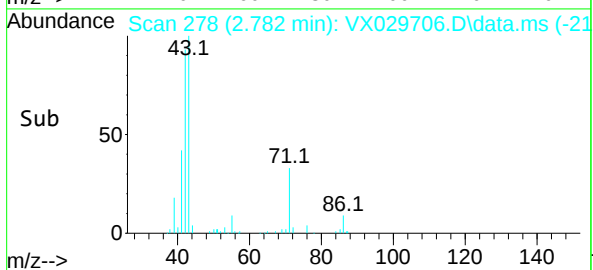
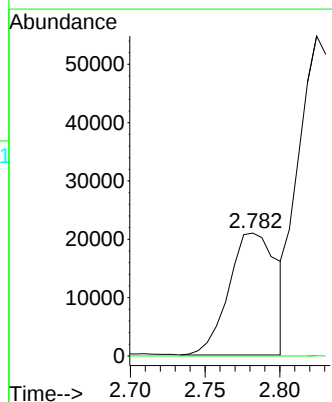
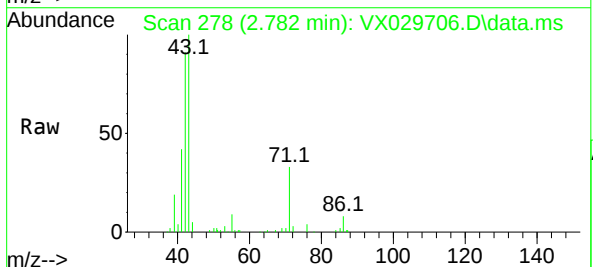
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

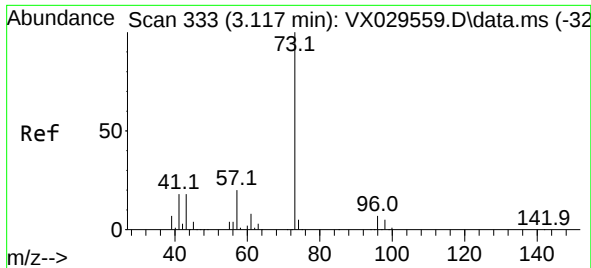
Tgt Ion: 76 Resp: 8851  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 12.947 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.073 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 43 Resp: 46451  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.8 34.2#

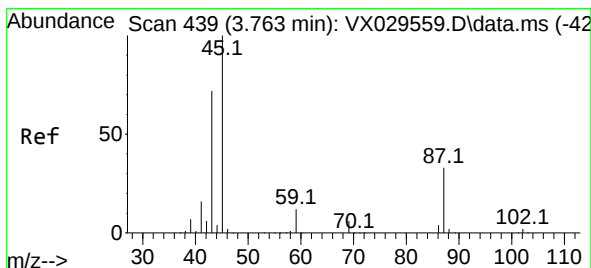
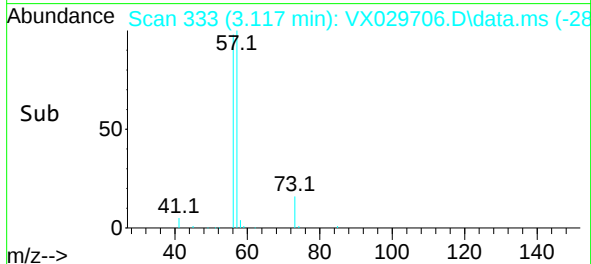
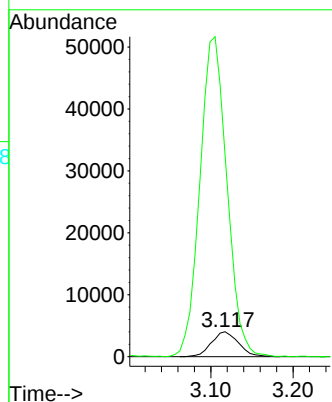
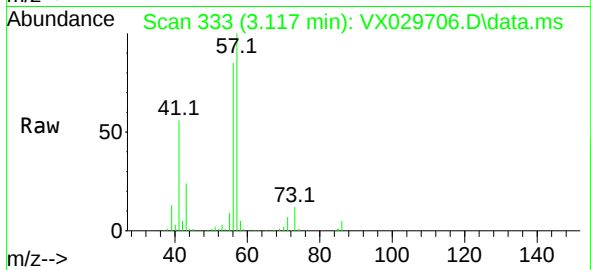




#19  
Methyl tert-butyl Ether  
Concen: 1.020 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

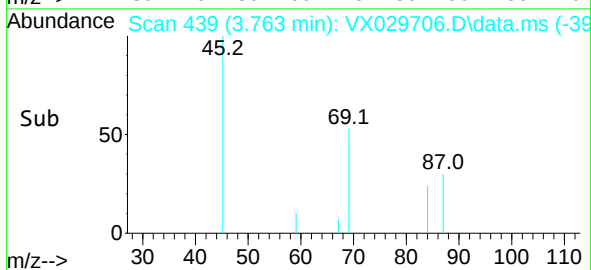
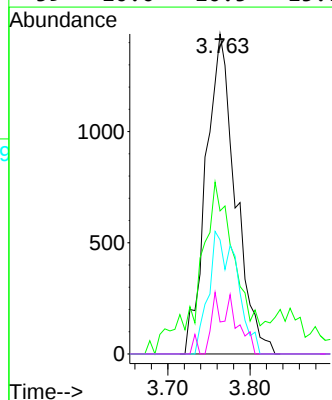
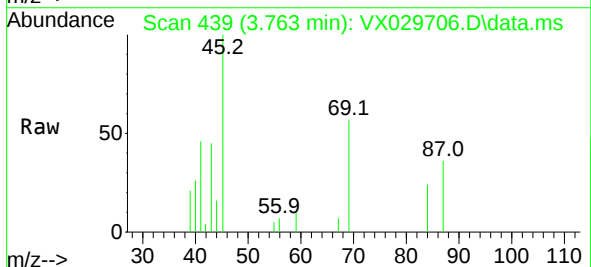
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

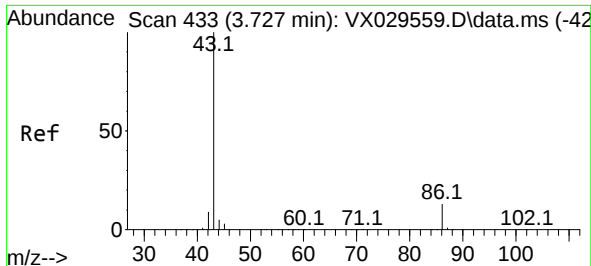
Tgt Ion: 73 Resp: 9227  
Ion Ratio Lower Upper  
73 100  
57 810.2 16.8 25.2#



#22  
Diisopropyl ether  
Concen: 0.431 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 45 Resp: 3587  
Ion Ratio Lower Upper  
45 100  
43 32.4 50.8 76.2#  
87 35.6 26.6 39.8  
59 10.0 10.5 15.7#

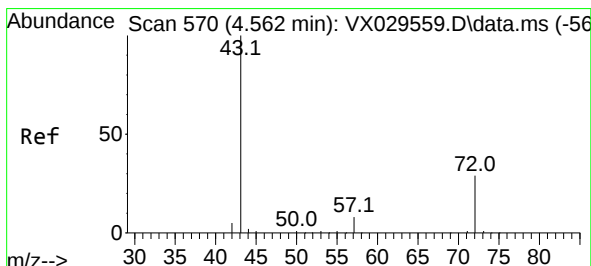
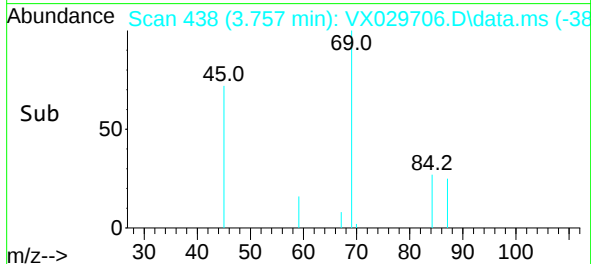
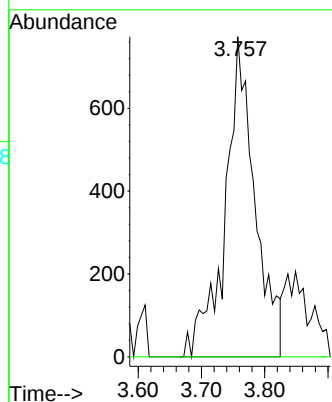
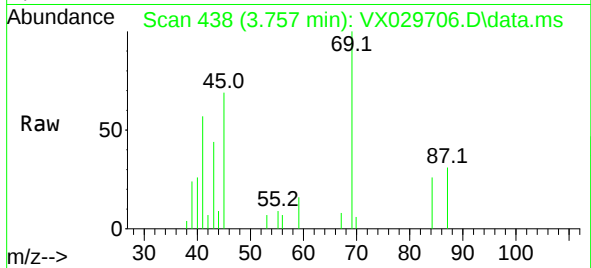




#23  
 Vinyl Acetate  
 Concen: 0.365 ug/l  
 RT: 3.757 min Scan# 41  
 Delta R.T. 0.030 min  
 Lab File: VX029706.D  
 Acq: 22 Jun 2022 17:57

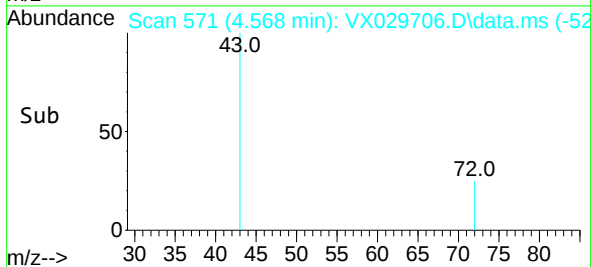
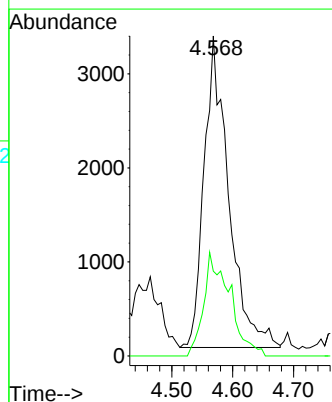
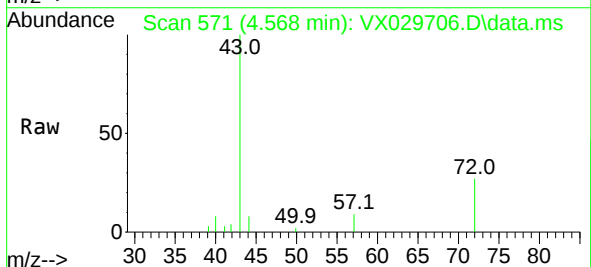
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11

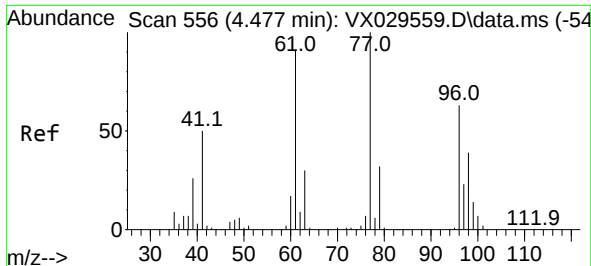
Tgt Ion: 43 Resp: 2537  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 10.8 16.2#



#25  
 2-Butanone  
 Concen: 4.321 ug/l  
 RT: 4.568 min Scan# 571  
 Delta R.T. 0.006 min  
 Lab File: VX029706.D  
 Acq: 22 Jun 2022 17:57

Tgt Ion: 43 Resp: 9269  
 Ion Ratio Lower Upper  
 43 100  
 72 27.2 24.4 36.6





#26

2,2-Dichloropropane

Concen: 0.456 ug/l

RT: 4.312 min Scan# 51

Delta R.T. -0.165 min

Lab File: VX029706.D

Acq: 22 Jun 2022 17:57

Instrument :

MSVOA\_X

ClientSampleId :

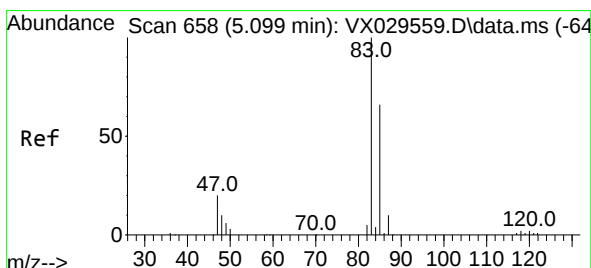
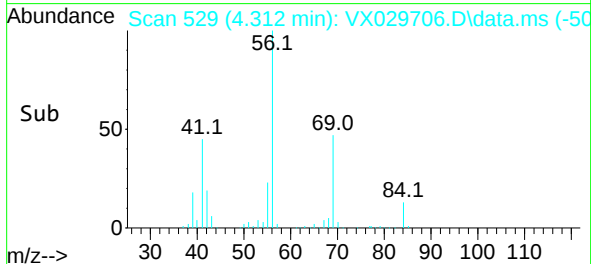
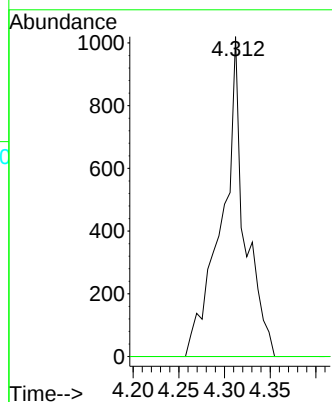
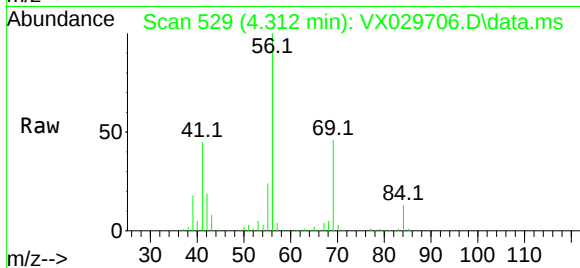
MW-11

Tgt Ion: 77 Resp: 1777

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#30

Chloroform

Concen: 1.833 ug/l

RT: 5.172 min Scan# 670

Delta R.T. 0.073 min

Lab File: VX029706.D

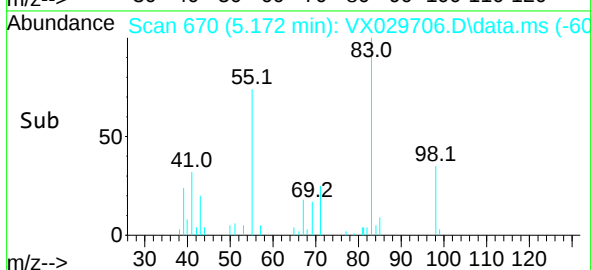
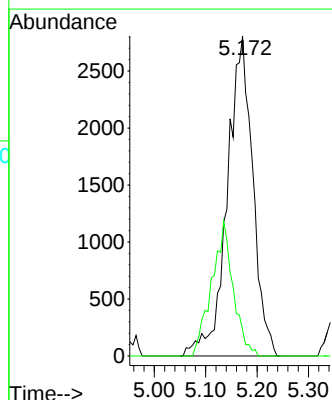
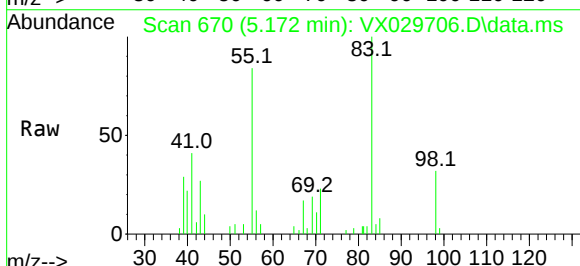
Acq: 22 Jun 2022 17:57

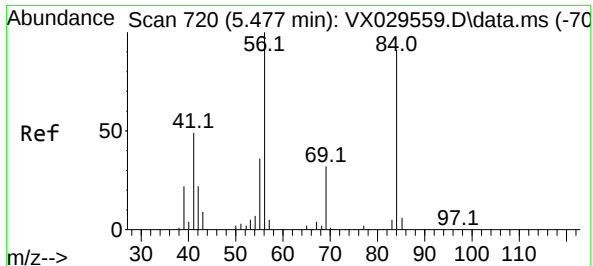
Tgt Ion: 83 Resp: 9711

Ion Ratio Lower Upper

83 100

85 8.1 52.7 79.1#

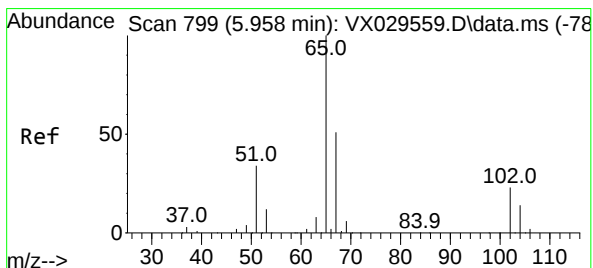
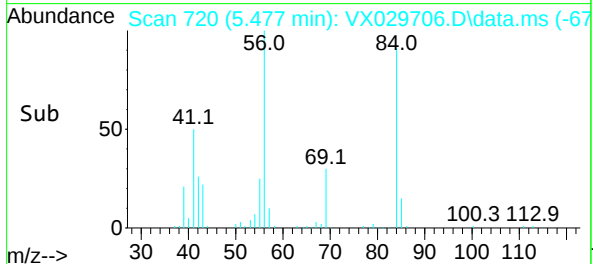
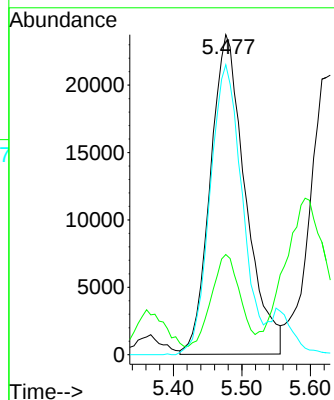
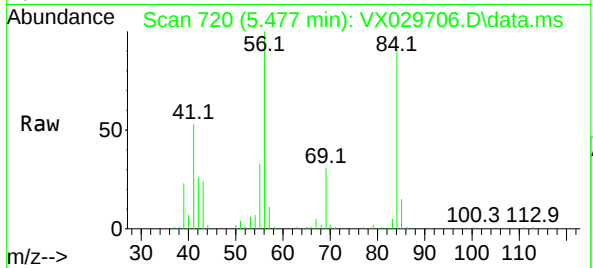




#31  
Cyclohexane  
Concen: 18.460 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

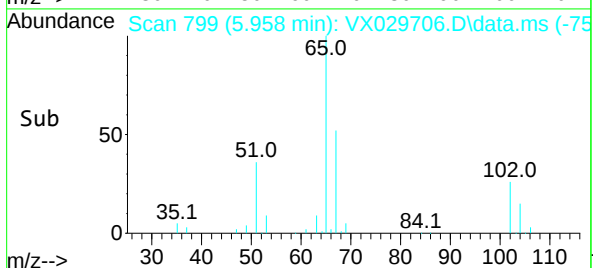
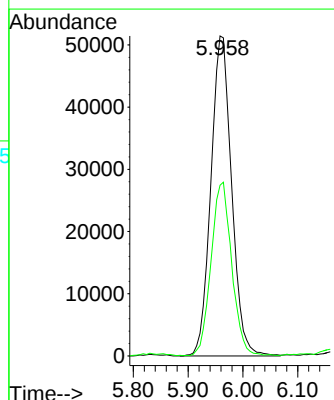
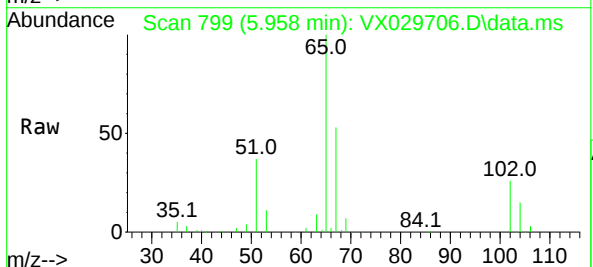
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

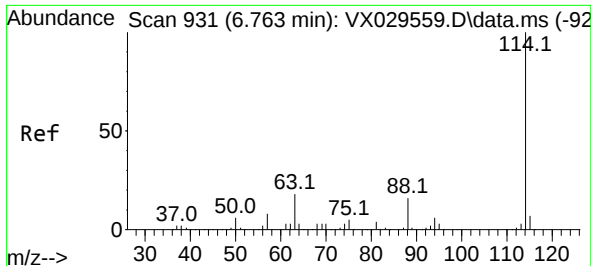
Tgt Ion: 56 Resp: 84375  
Ion Ratio Lower Upper  
56 100  
69 28.0 26.7 40.1  
84 91.0 77.2 115.8



#33  
1,2-Dichloroethane-d4  
Concen: 39.652 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 65 Resp: 134994  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 107.4

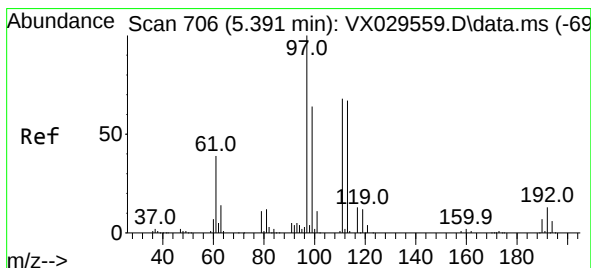
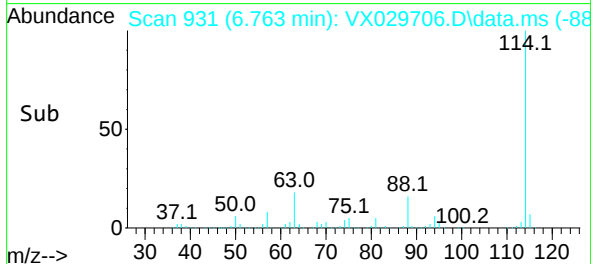
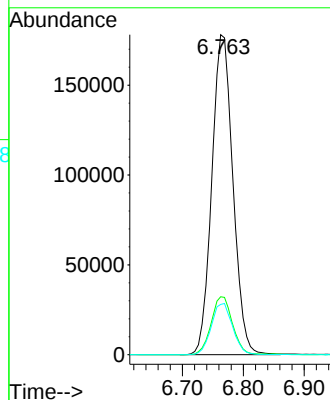
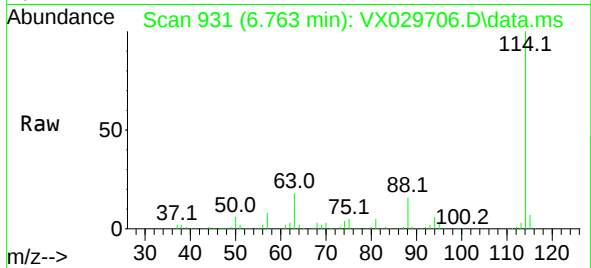




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

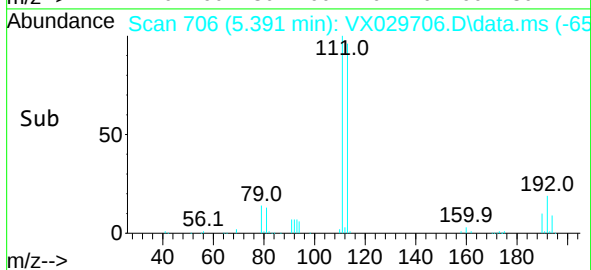
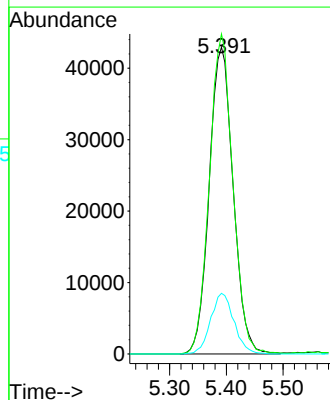
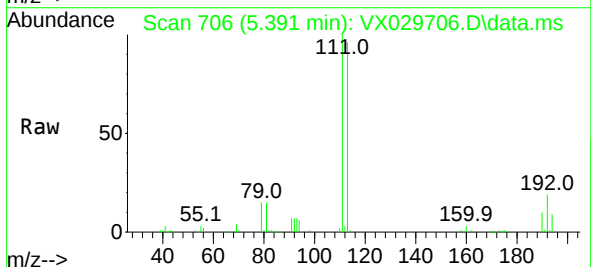
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

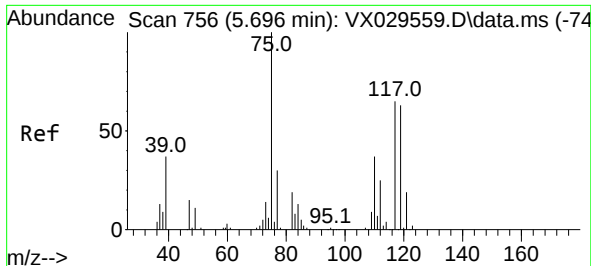
Tgt Ion:114 Resp: 428767  
Ion Ratio Lower Upper  
114 100  
63 18.1 0.0 36.8  
88 15.7 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 45.097 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion:113 Resp: 126011  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.8 124.2  
192 19.3 16.9 25.3

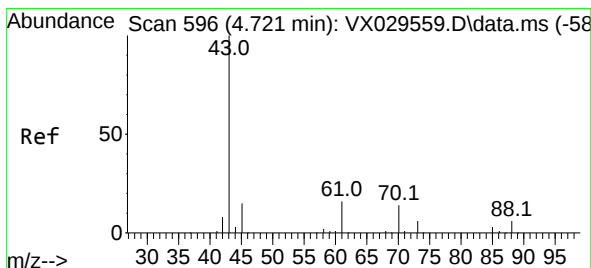
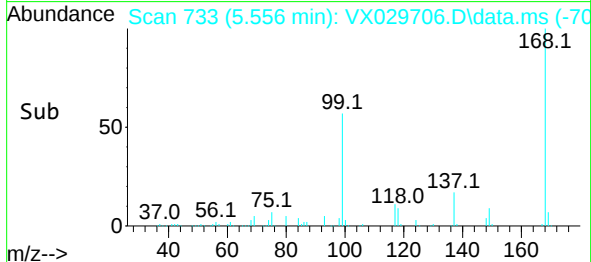
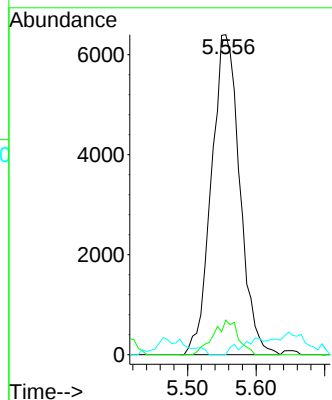
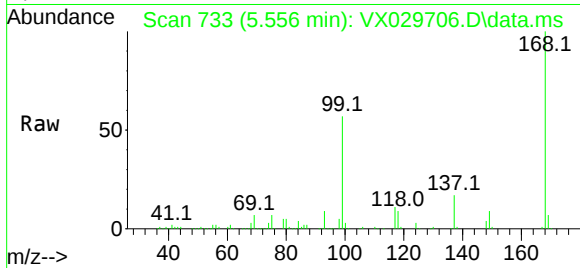




#36  
1,1-Dichloropropene  
Concen: 4.843 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.140 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

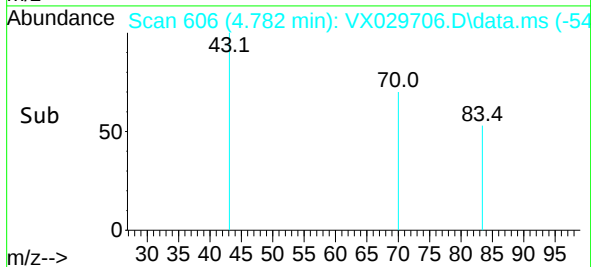
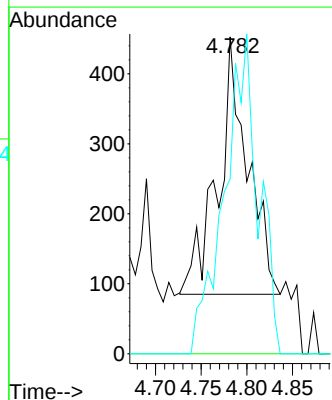
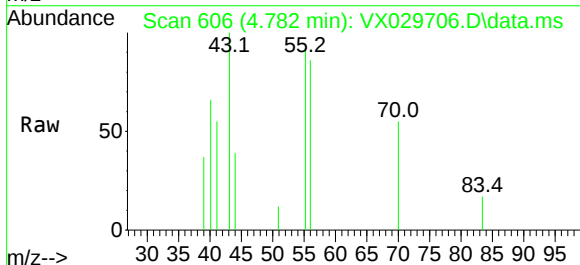
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ClientSampleId :  
MW-11

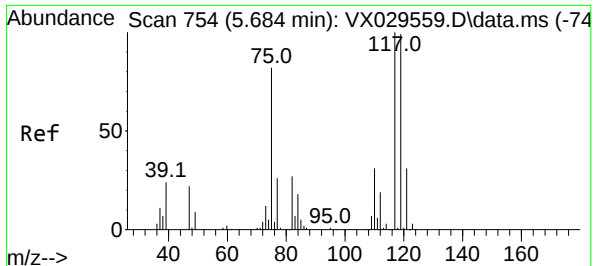
Tgt Ion: 75 Resp: 18314  
Ion Ratio Lower Upper  
75 100  
110 9.5 18.3 54.8#  
77 0.9 24.8 37.2#



#37  
Ethyl Acetate  
Concen: 0.216 ug/l  
RT: 4.782 min Scan# 606  
Delta R.T. 0.061 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 43 Resp: 837  
Ion Ratio Lower Upper  
43 100  
61 0.0 12.6 19.0#  
70 140.4 10.2 15.2#

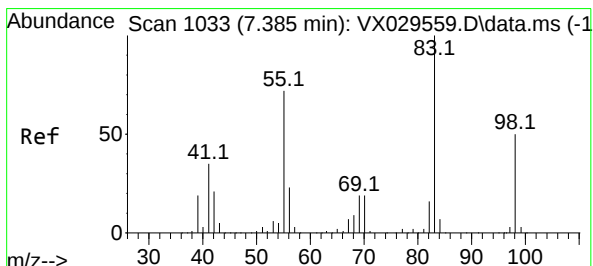
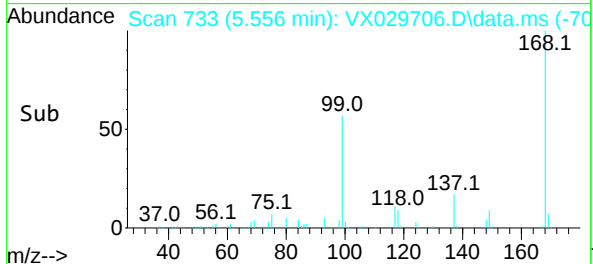
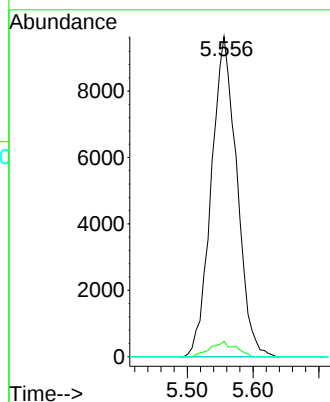
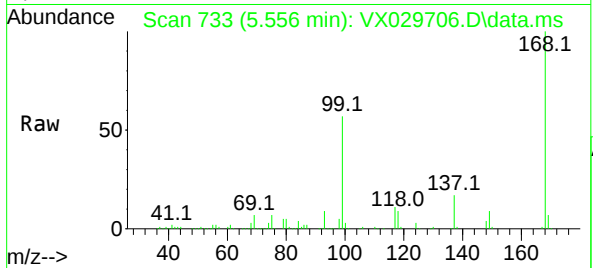




#38  
Carbon Tetrachloride  
Concen: 6.998 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

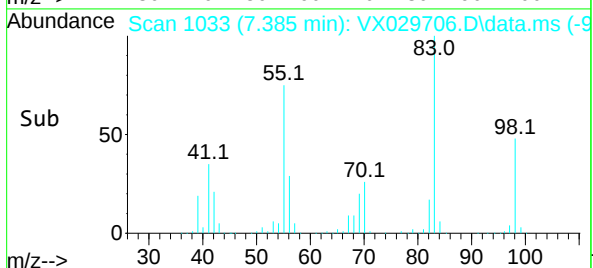
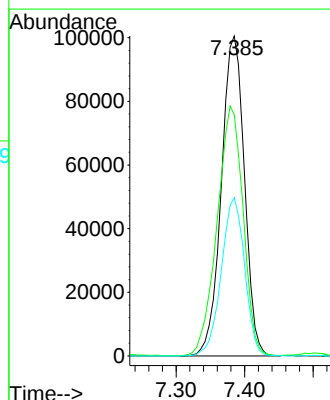
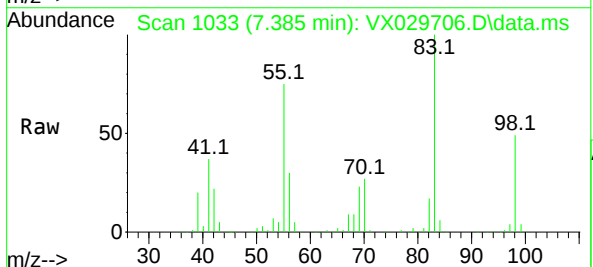
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MSVOA\_X  
ClientSampleId :  
MW-11

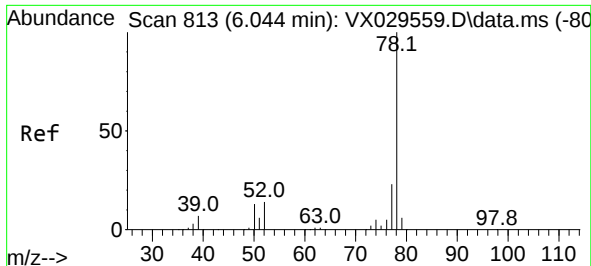
Tgt Ion:117 Resp: 26024  
Ion Ratio Lower Upper  
117 100  
119 4.8 77.3 115.9#  
121 0.0 24.2 36.2#



#39  
Methylcyclohexane  
Concen: 49.761 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 83 Resp: 234625  
Ion Ratio Lower Upper  
83 100  
55 75.3 54.6 81.8  
98 49.5 37.4 56.2





#40

Benzene

Concen: 1.426 ug/l

RT: 6.037 min Scan# 81

Delta R.T. -0.007 min

Lab File: VX029706.D

Acq: 22 Jun 2022 17:57

Instrument :

MSVOA\_X

ClientSampleId :

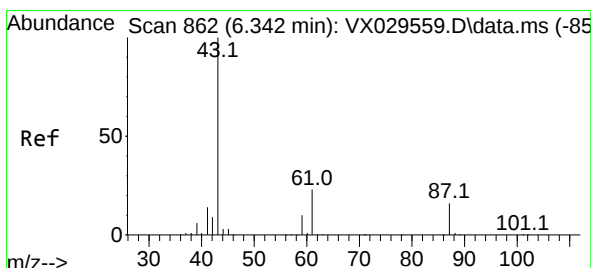
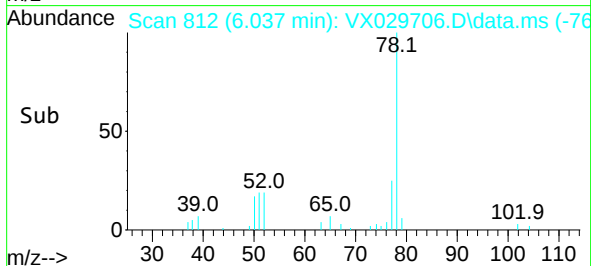
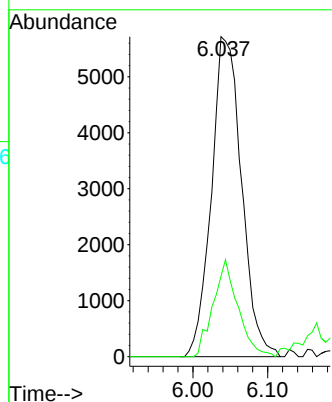
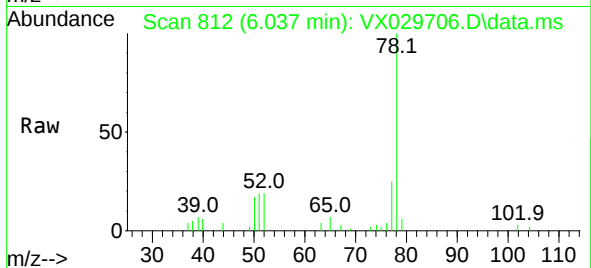
MW-11

Tgt Ion: 78 Resp: 15987

Ion Ratio Lower Upper

78 100

77 25.1 19.3 28.9



#43

Isopropyl Acetate

Concen: 0.975 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.019 min

Lab File: VX029706.D

Acq: 22 Jun 2022 17:57

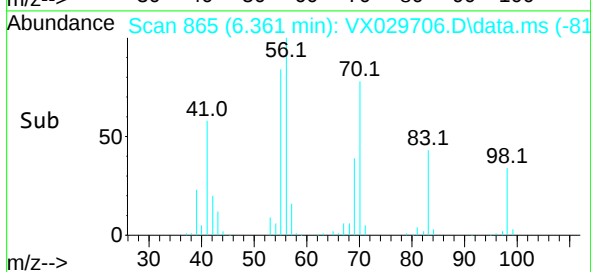
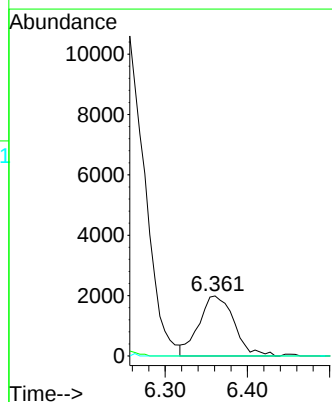
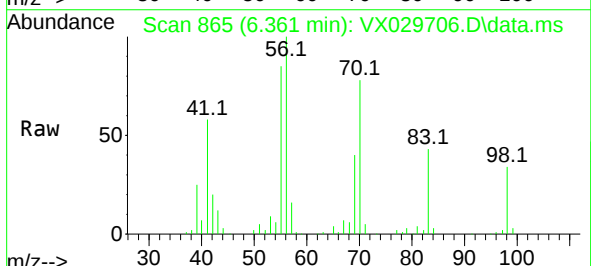
Tgt Ion: 43 Resp: 5877

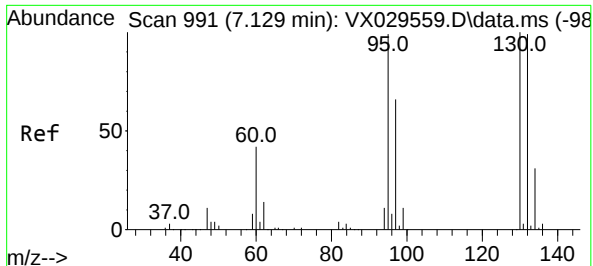
Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 0.0 13.0 19.6#

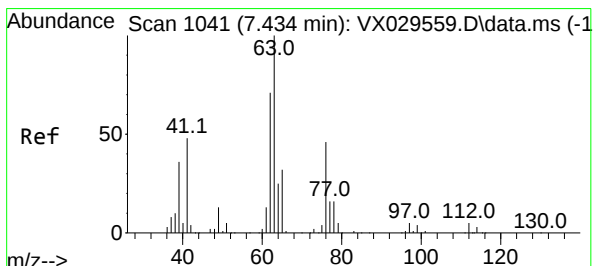
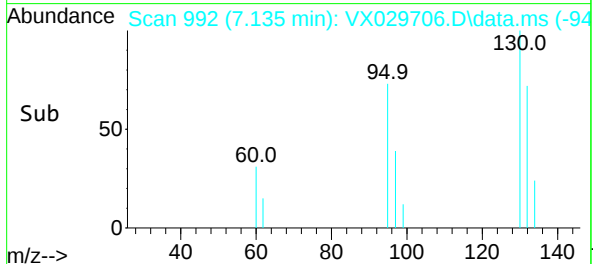
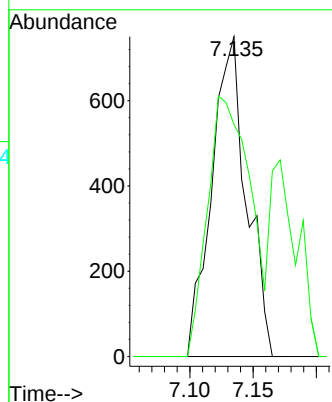
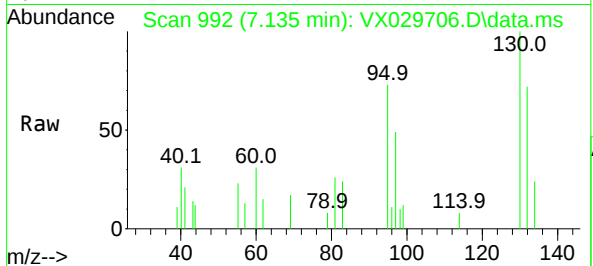




#44  
Trichloroethene  
Concen: Below Cal  
RT: 7.135 min Scan# 94  
Delta R.T. 0.006 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

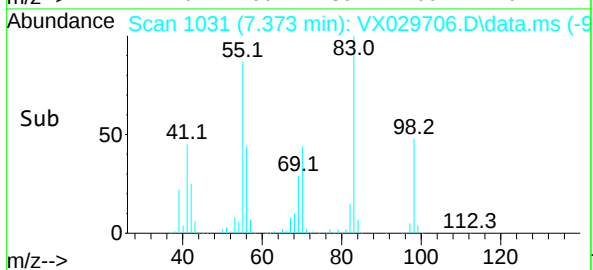
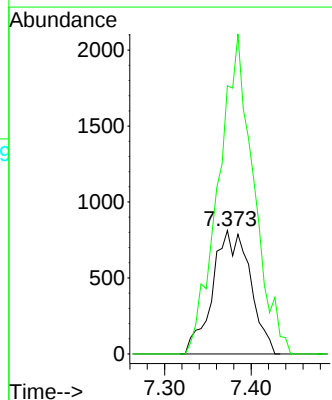
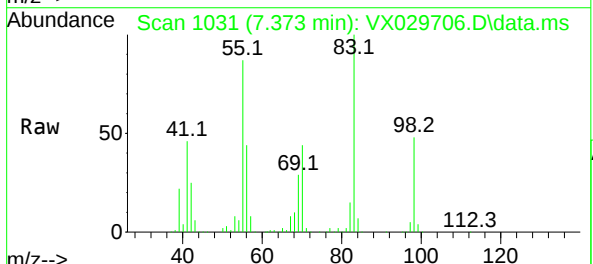
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

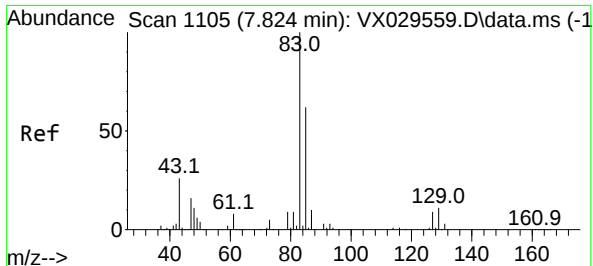
Tgt Ion:130 Resp: 1436  
Ion Ratio Lower Upper  
130 100  
95 72.5 0.0 188.8



#45  
1,2-Dichloropropane  
Concen: 0.891 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. -0.061 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 63 Resp: 2450  
Ion Ratio Lower Upper  
63 100  
65 217.1 25.8 38.6#





#47

Bromodichloromethane

Concen: 0.576 ug/l

RT: 7.775 min Scan# 1

Delta R.T. -0.049 min

Lab File: VX029706.D

Acq: 22 Jun 2022 17:57

Instrument :

MSVOA\_X

ClientSampleId :

MW-11

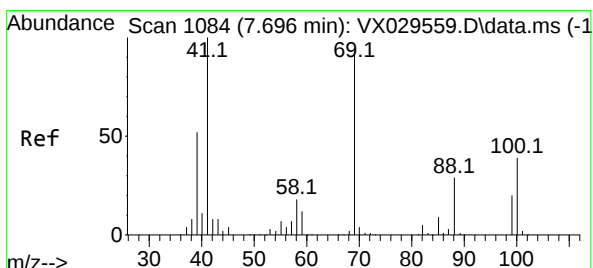
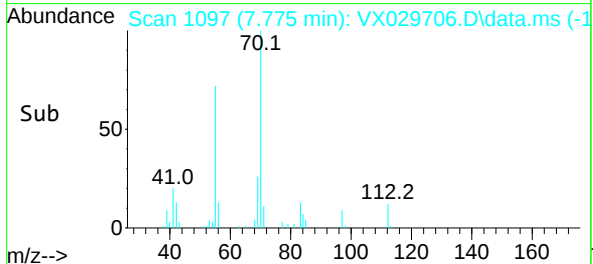
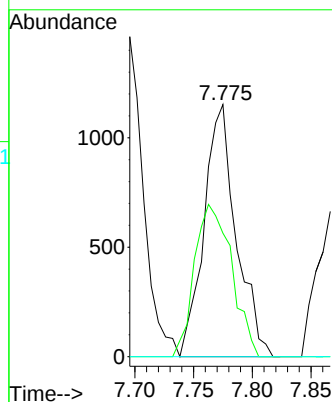
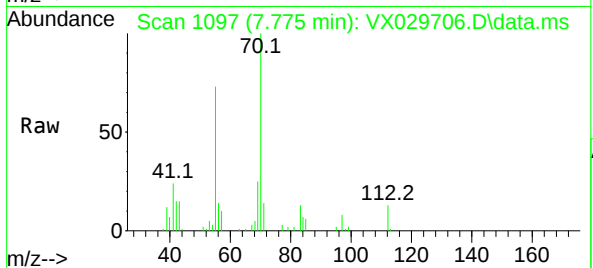
Tgt Ion: 83 Resp: 2192

Ion Ratio Lower Upper

83 100

85 49.0 52.2 78.2#

127 0.0 6.8 10.2#



#48

Methyl methacrylate

Concen: 8.694 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.037 min

Lab File: VX029706.D

Acq: 22 Jun 2022 17:57

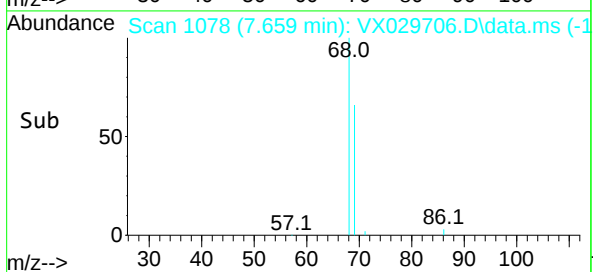
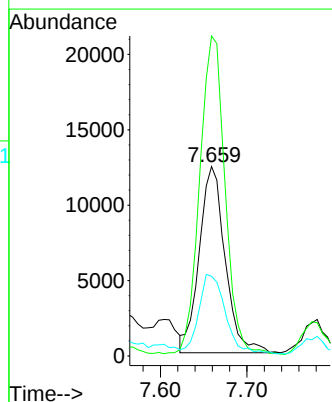
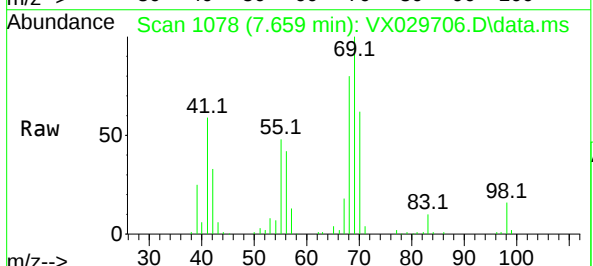
Tgt Ion: 41 Resp: 25695

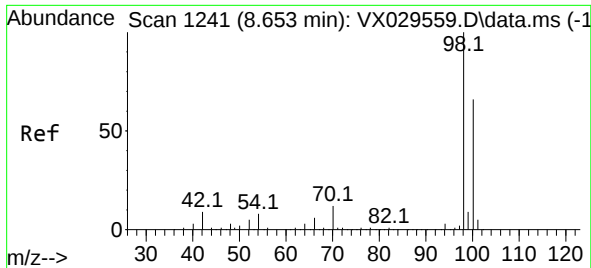
Ion Ratio Lower Upper

41 100

69 167.1 82.5 123.7#

39 43.6 43.8 65.8#

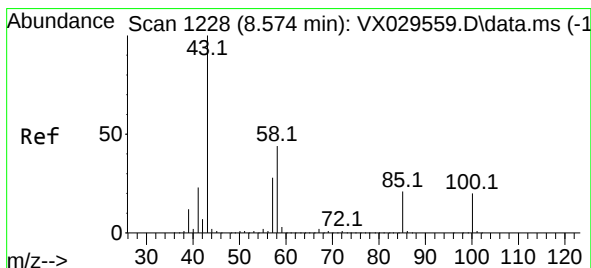
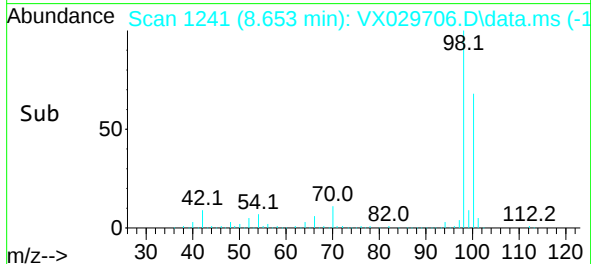
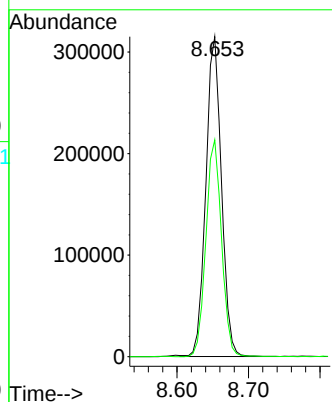
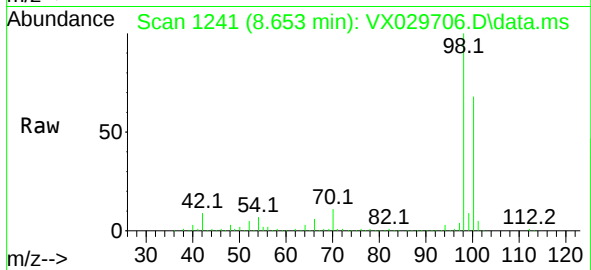




#50  
Toluene-d8  
Concen: 46.726 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

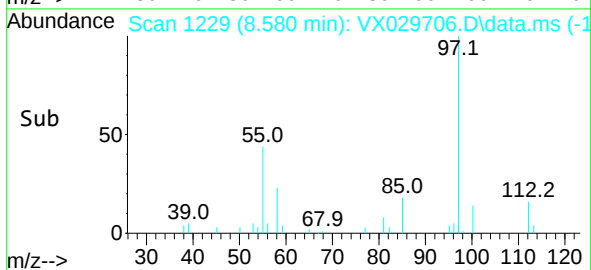
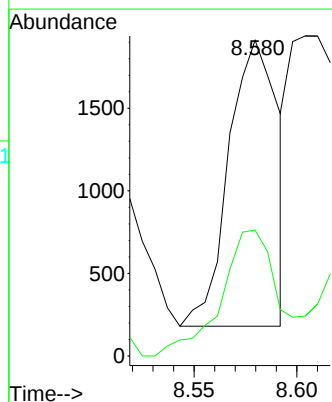
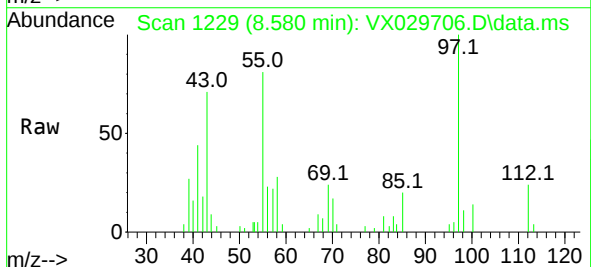
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

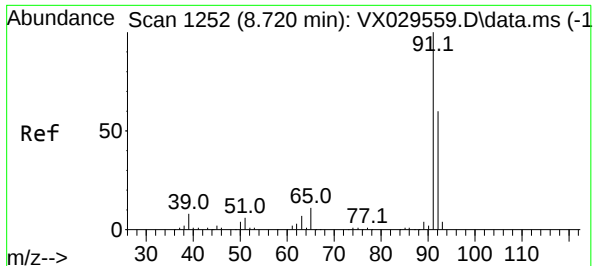
Tgt Ion: 98 Resp: 476972  
Ion Ratio Lower Upper  
98 100  
100 68.1 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 0.739 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 43 Resp: 2873  
Ion Ratio Lower Upper  
43 100  
58 49.4 36.1 54.1

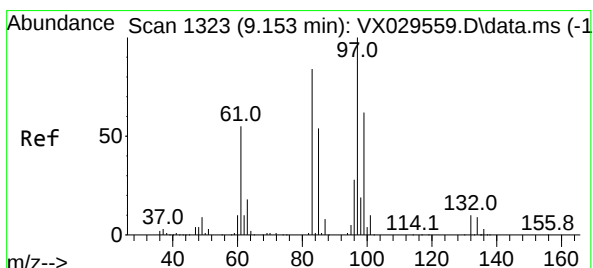
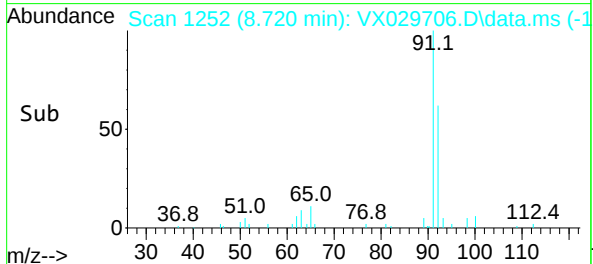
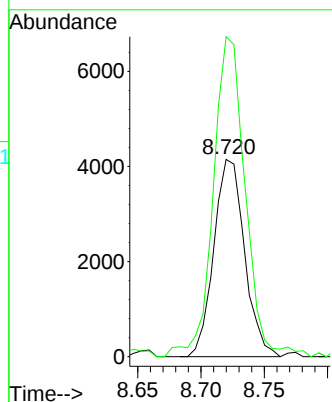
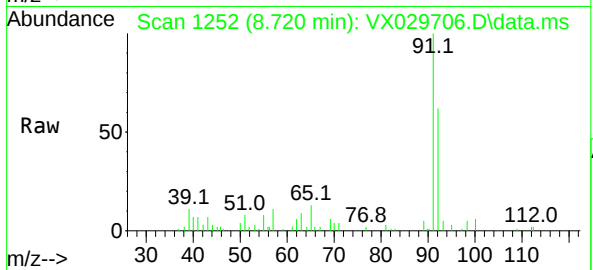




#52  
Toluene  
Concen: 0.975 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

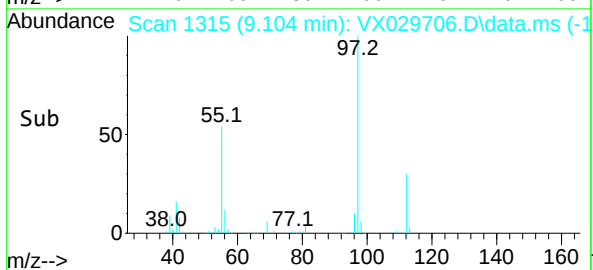
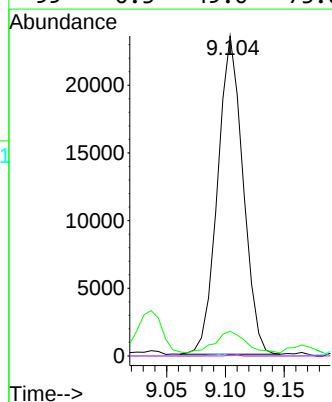
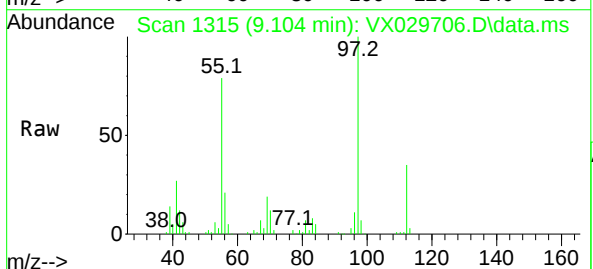
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

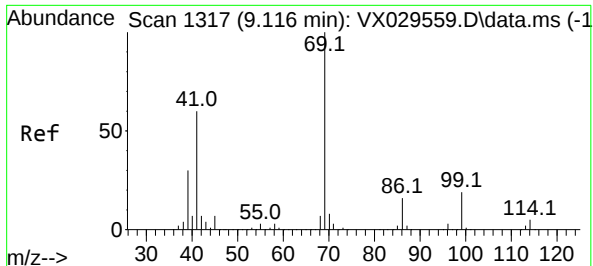
Tgt Ion: 92 Resp: 6996  
Ion Ratio Lower Upper  
92 100  
91 168.6 137.5 206.3



#55  
1,1,2-Trichloroethane  
Concen: 12.183 ug/l  
RT: 9.104 min Scan# 1315  
Delta R.T. -0.049 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 97 Resp: 35359  
Ion Ratio Lower Upper  
97 100  
83 6.7 66.2 99.4#  
85 0.0 42.9 64.3#  
99 0.3 49.0 73.6#

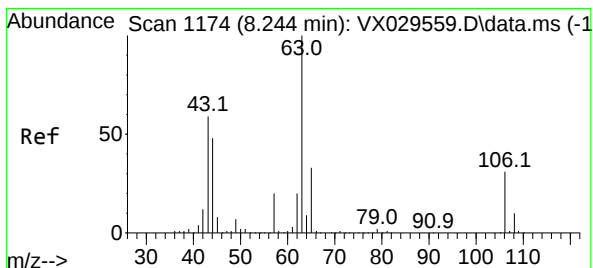
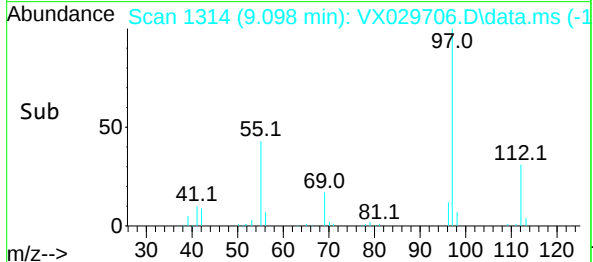
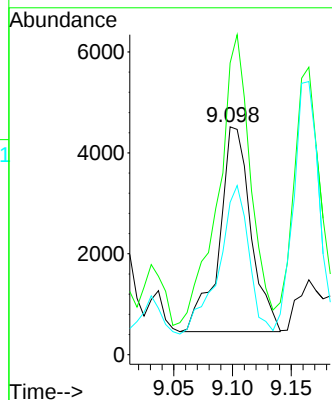
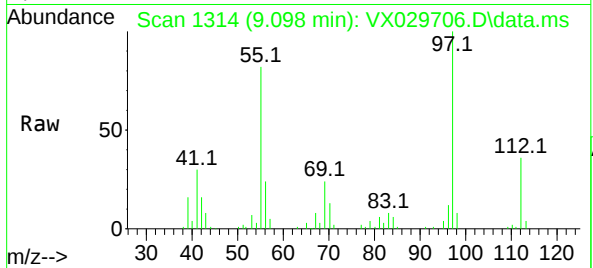




#56  
Ethyl methacrylate  
Concen: 1.729 ug/l  
RT: 9.098 min Scan# 1158  
Delta R.T. -0.018 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

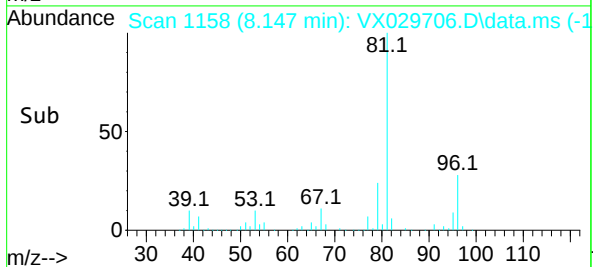
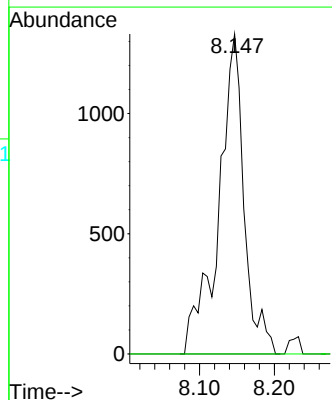
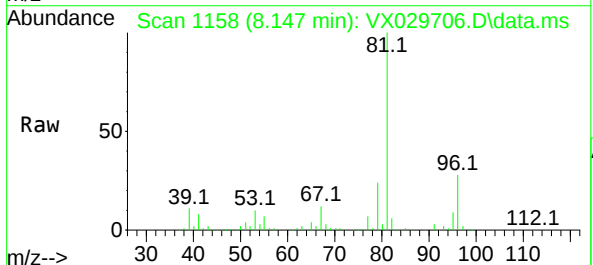
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

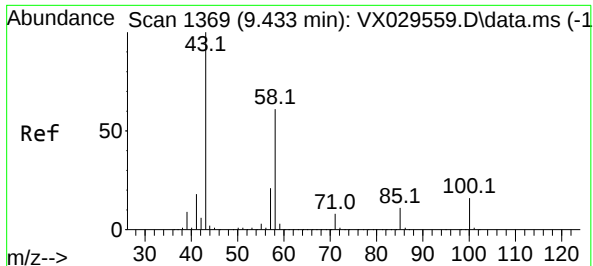
Tgt Ion: 69 Resp: 7580  
Ion Ratio Lower Upper  
69 100  
41 140.5 43.8 65.6#  
39 69.1 22.2 33.2#



#58  
2-Chloroethyl Vinyl ether  
Concen: 1.535 ug/l  
RT: 8.147 min Scan# 1158  
Delta R.T. -0.097 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 63 Resp: 3162  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.9 35.9#

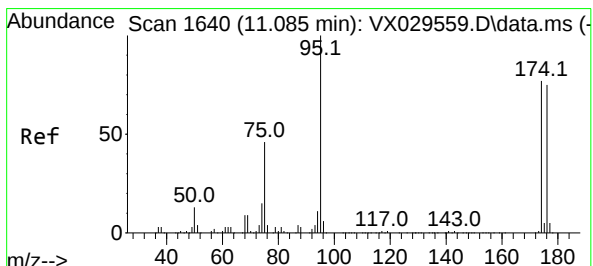
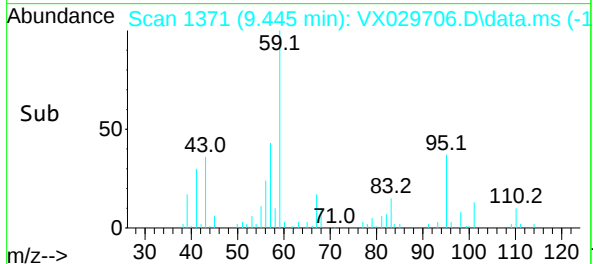
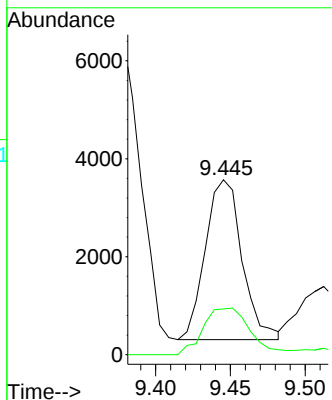
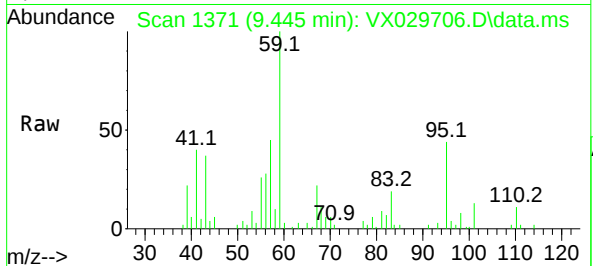




#59  
2-Hexanone  
Concen: 1.897 ug/l  
RT: 9.445 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

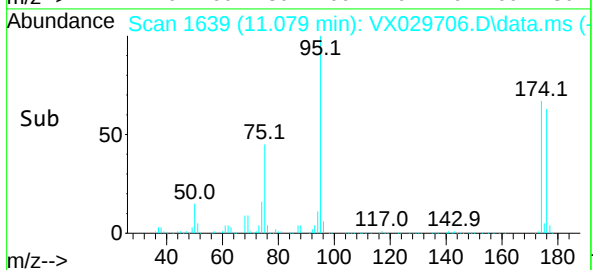
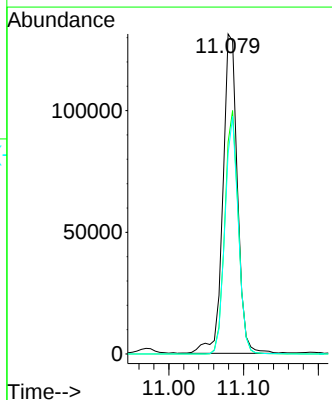
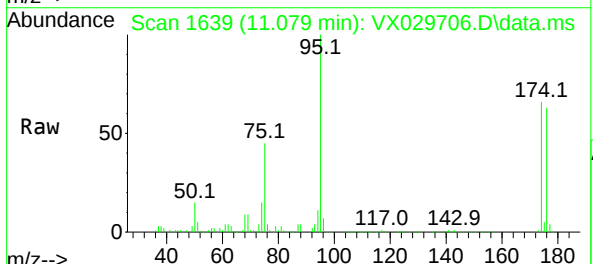
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

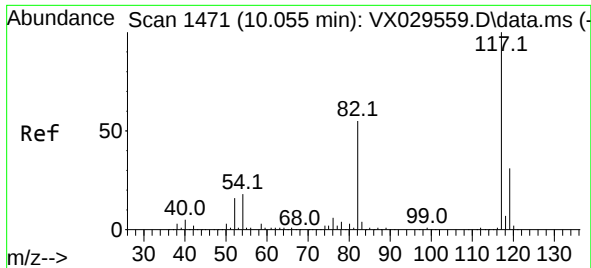
Tgt Ion: 43 Resp: 5581  
Ion Ratio Lower Upper  
43 100  
58 37.1 31.9 95.7



#62  
4-Bromofluorobenzene  
Concen: 46.039 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 95 Resp: 177228  
Ion Ratio Lower Upper  
95 100  
174 70.6 0.0 163.0  
176 68.6 0.0 155.0

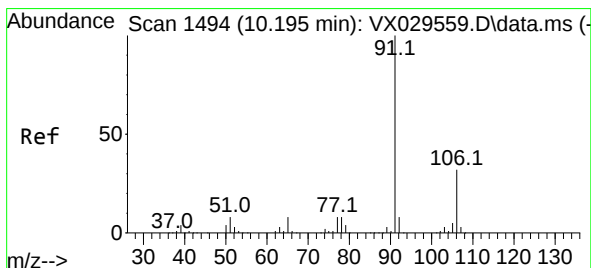
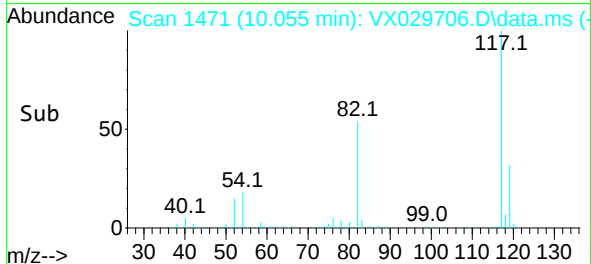
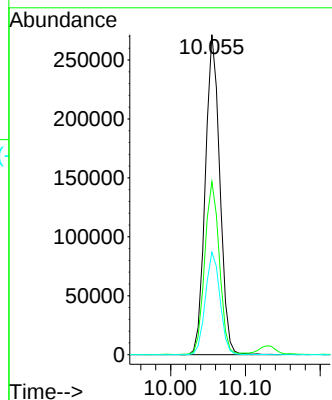
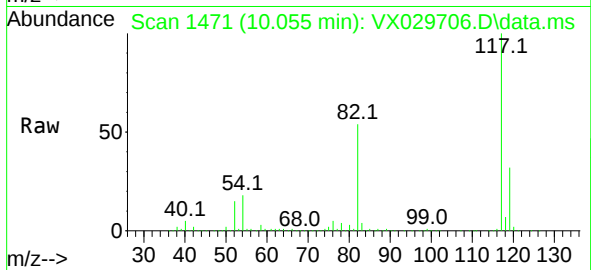




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

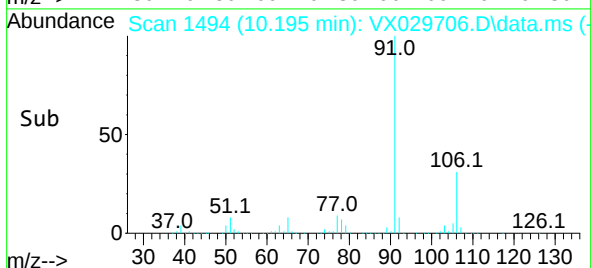
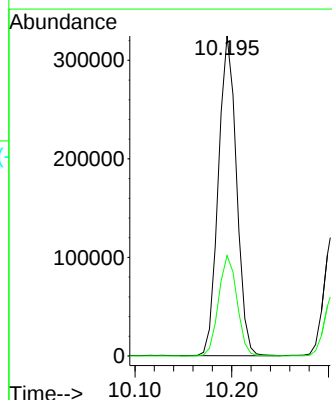
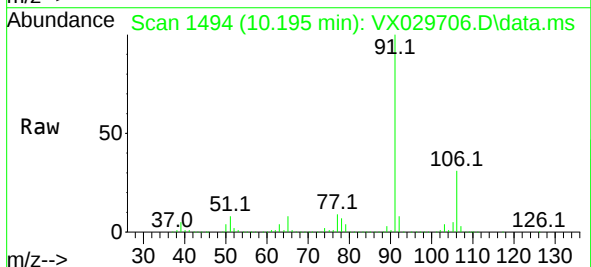
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

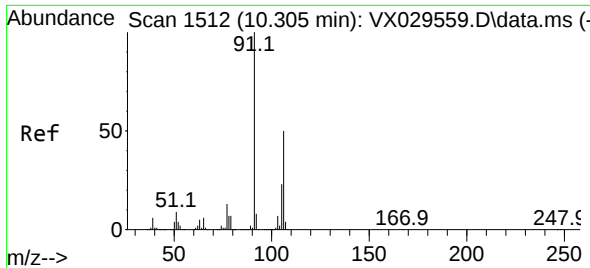
Tgt Ion:117 Resp: 365465  
Ion Ratio Lower Upper  
117 100  
82 54.0 41.8 62.8  
119 32.0 24.8 37.2



#67  
Ethyl Benzene  
Concen: 32.755 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 91 Resp: 422541  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.6 36.8

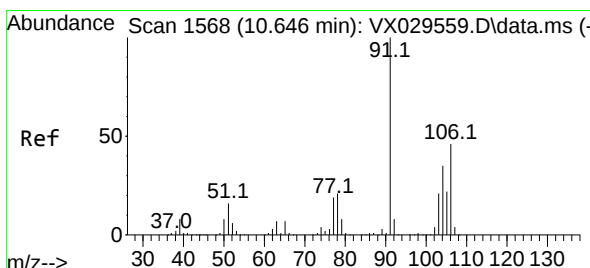
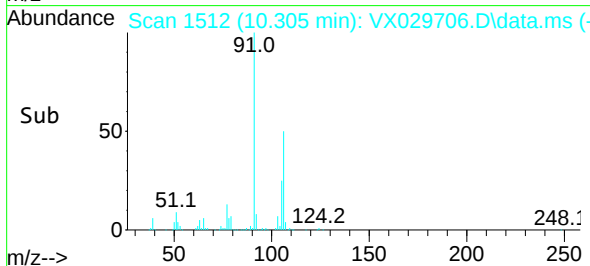
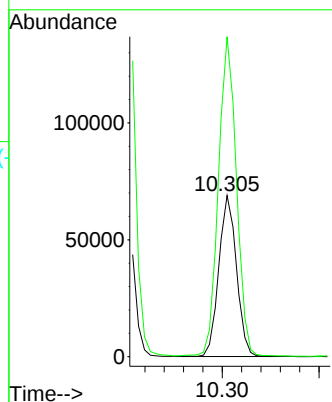
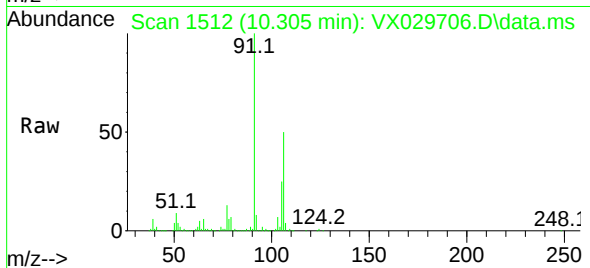




#68  
m/p-Xylenes  
Concen: 17.342 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

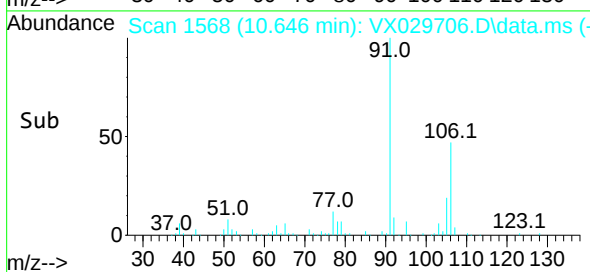
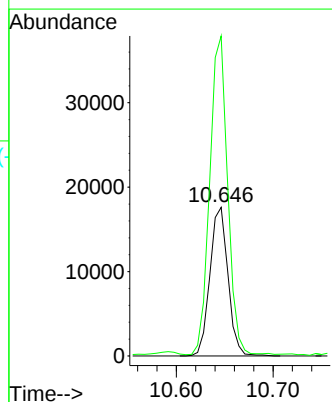
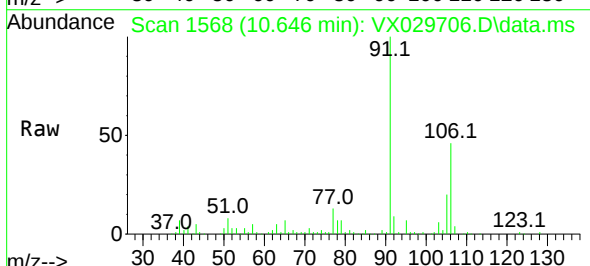
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

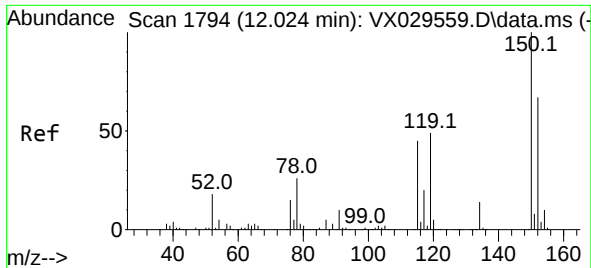
Tgt Ion:106 Resp: 87244  
Ion Ratio Lower Upper  
106 100  
91 202.3 160.4 240.6



#69  
o-Xylene  
Concen: 4.592 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion:106 Resp: 22822  
Ion Ratio Lower Upper  
106 100  
91 212.1 106.1 318.1

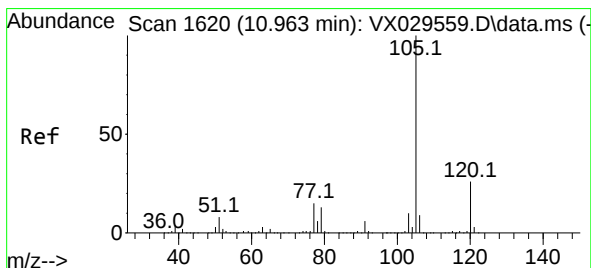
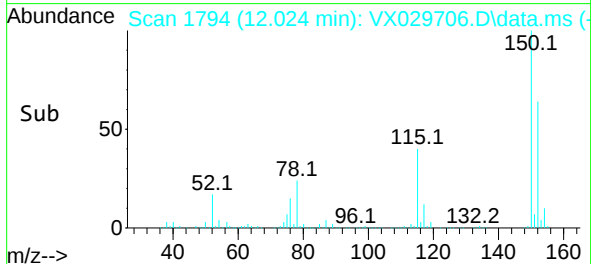
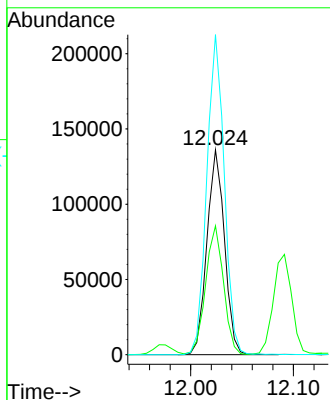
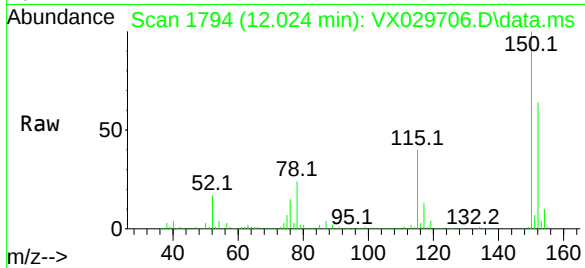




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

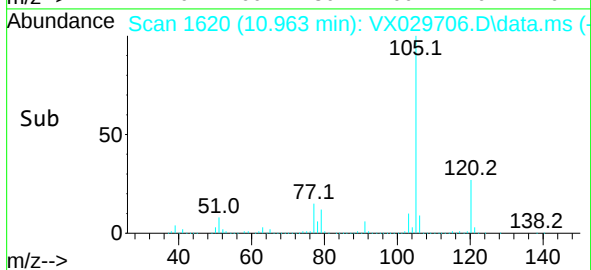
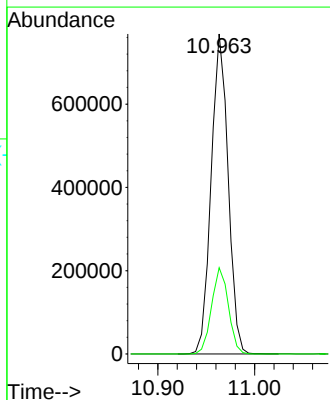
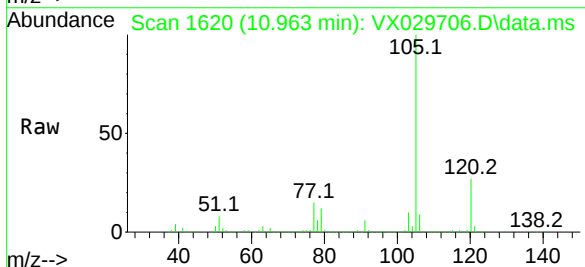
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

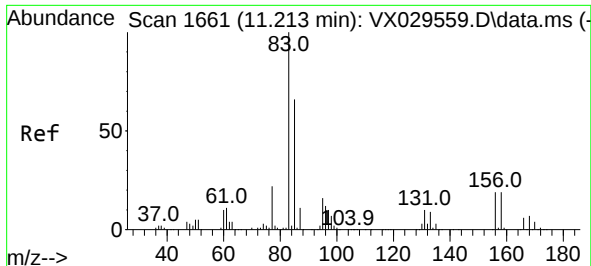
Tgt Ion:152 Resp: 161581  
Ion Ratio Lower Upper  
152 100  
115 64.0 37.5 112.7  
150 155.6 0.0 338.2



#73  
Isopropylbenzene  
Concen: 76.964 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion:105 Resp: 932429  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.5 40.5

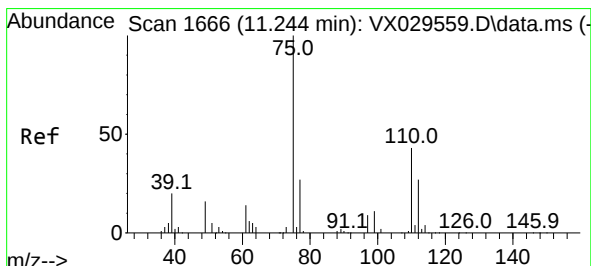
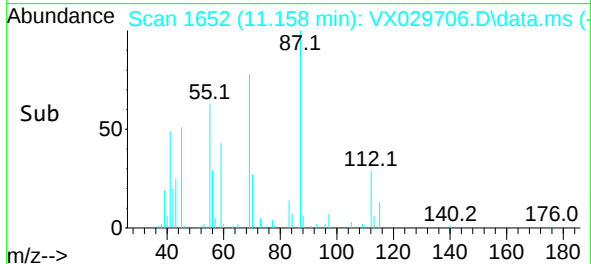
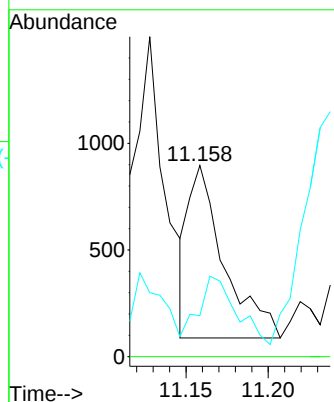
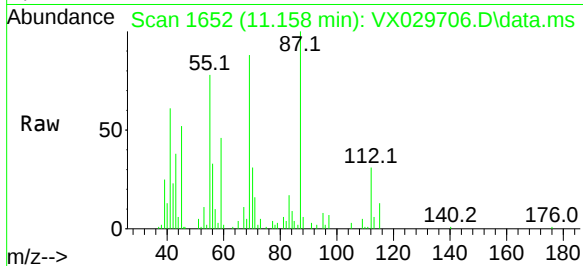




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 0.312 ug/l  
 RT: 11.158 min Scan# 1652  
 Delta R.T. -0.055 min  
 Lab File: VX029706.D  
 Acq: 22 Jun 2022 17:57

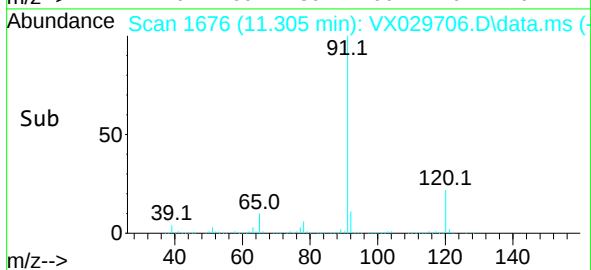
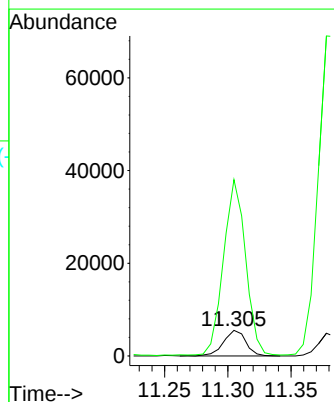
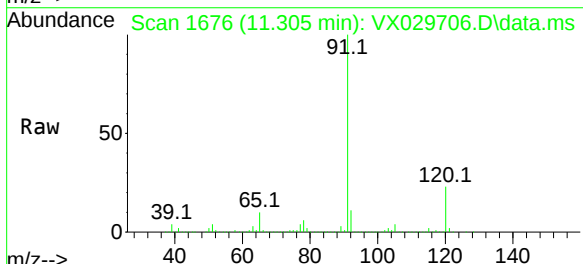
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11

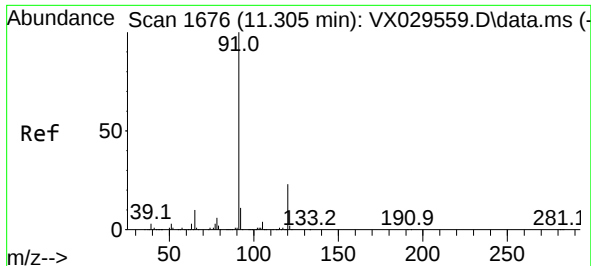
Tgt Ion: 83 Resp: 1221  
 Ion Ratio Lower Upper  
 83 100  
 131 0.0 5.1 15.3#  
 85 41.2 32.6 97.7



#76  
 1,2,3-Trichloropropane  
 Concen: 1.933 ug/l  
 RT: 11.305 min Scan# 1676  
 Delta R.T. 0.061 min  
 Lab File: VX029706.D  
 Acq: 22 Jun 2022 17:57

Tgt Ion: 75 Resp: 6803  
 Ion Ratio Lower Upper  
 75 100  
 77 680.8 19.4 58.2#

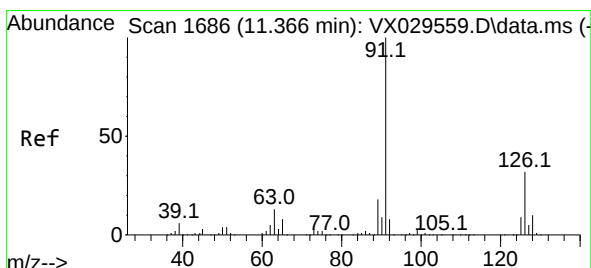
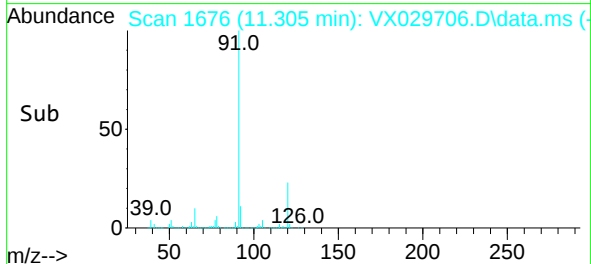
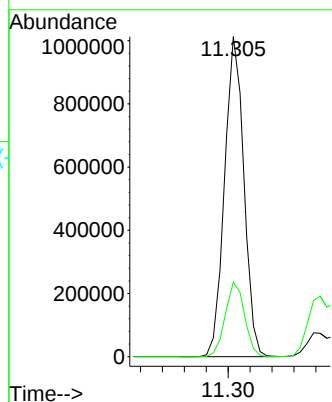
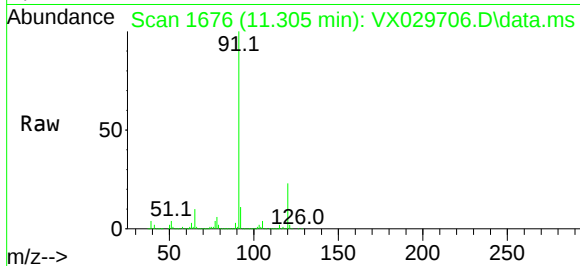




#78  
n-propylbenzene  
Concen: 90.849 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

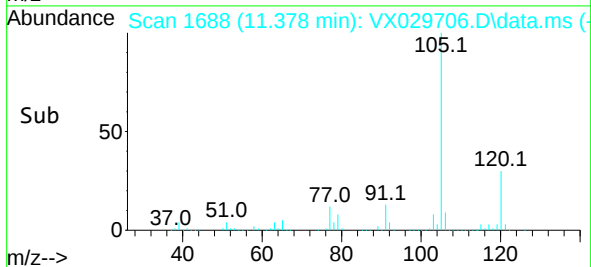
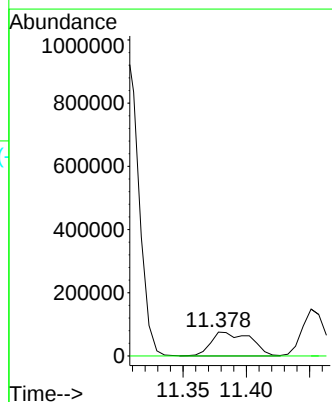
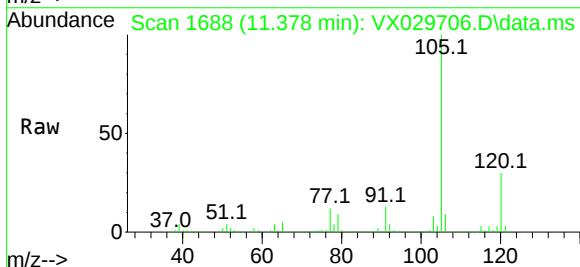
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

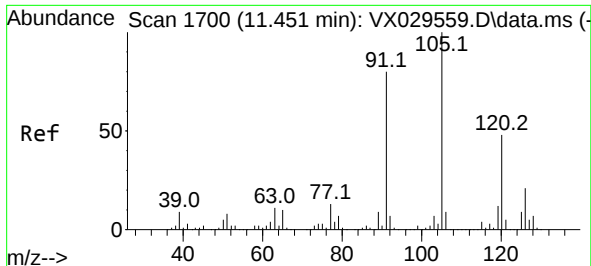
Tgt Ion: 91 Resp: 1239627  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.6 34.8



#79  
2-Chlorotoluene  
Concen: 19.571 ug/l  
RT: 11.378 min Scan# 1688  
Delta R.T. 0.012 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 91 Resp: 165353  
Ion Ratio Lower Upper  
91 100  
126 0.1 17.3 51.9#

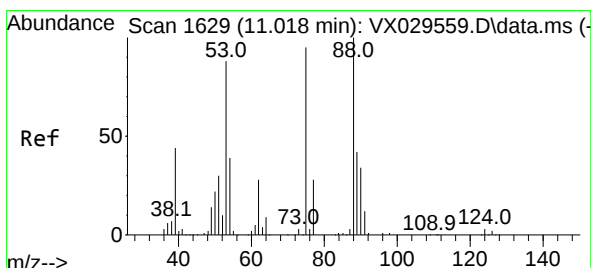
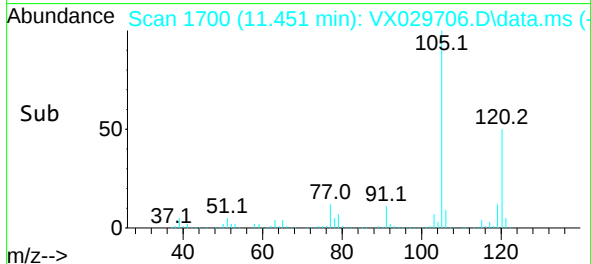
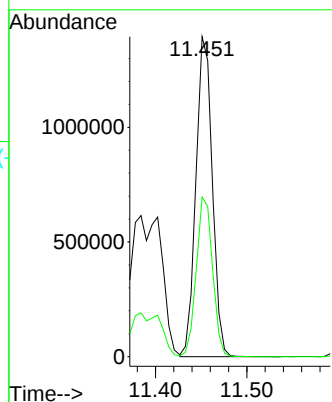
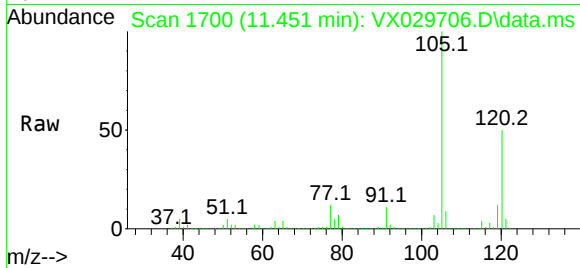




#80  
1,3,5-Trimethylbenzene  
Concen: 170.385 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

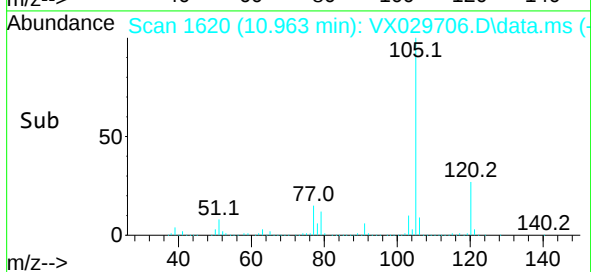
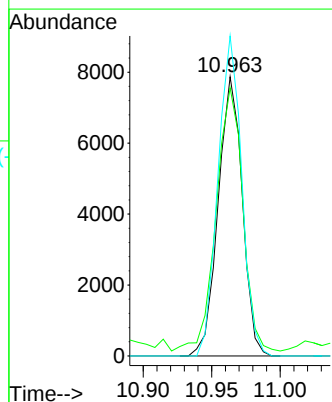
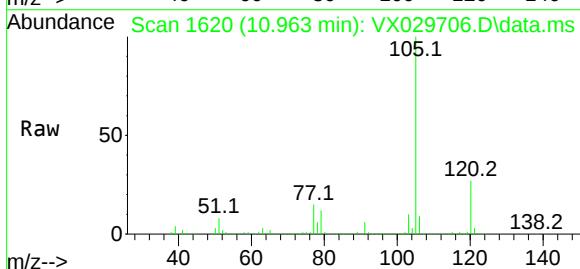
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

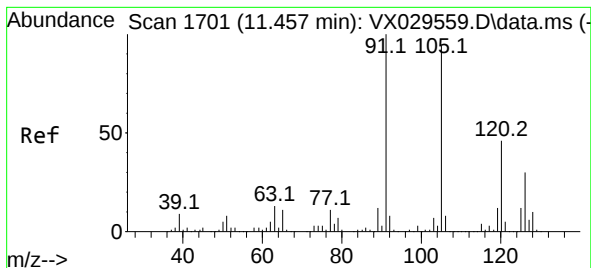
Tgt Ion:105 Resp: 1738429  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.3 72.9



#81  
trans-1,4-Dichloro-2-butene  
Concen: 9.079 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.055 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 75 Resp: 9607  
Ion Ratio Lower Upper  
75 100  
53 103.7 69.0 103.4#  
89 112.8 37.0 55.6#

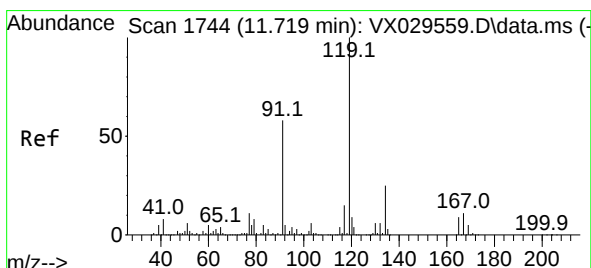
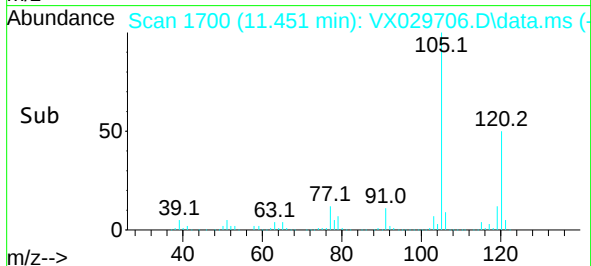
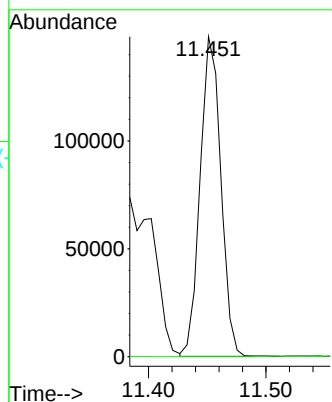
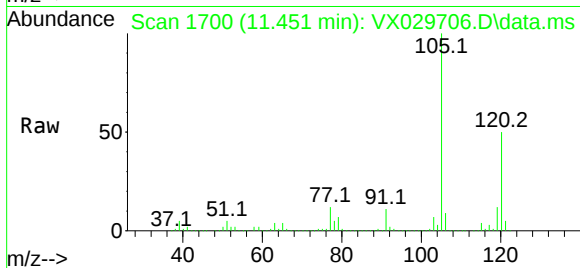




#82  
4-Chlorotoluene  
Concen: 18.831 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

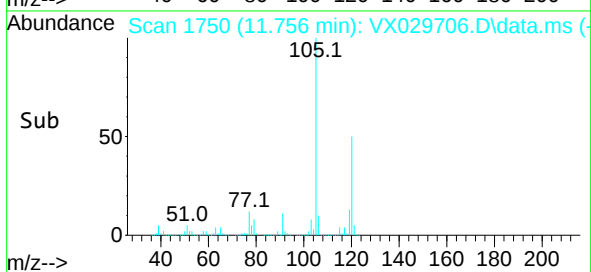
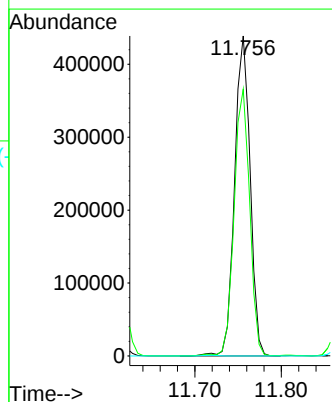
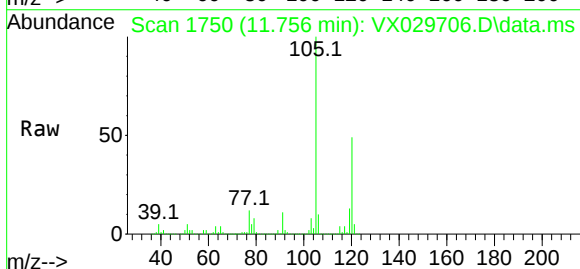
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

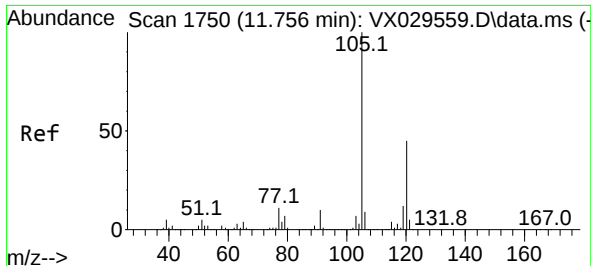
Tgt Ion: 91 Resp: 181432  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.9 44.5#



#83  
tert-Butylbenzene  
Concen: 54.781 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.037 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 119 Resp: 544967  
Ion Ratio Lower Upper  
119 100  
91 83.8 26.9 80.6#  
134 0.0 11.4 34.2#

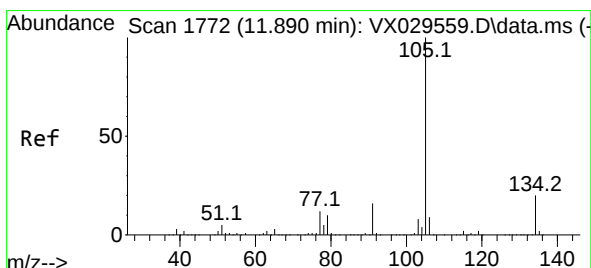
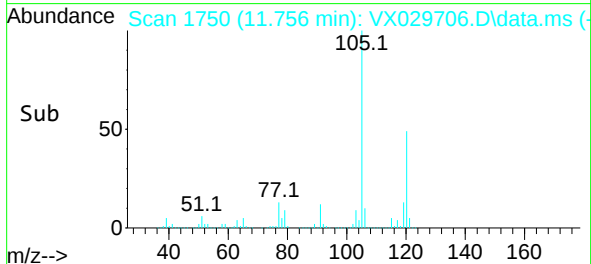
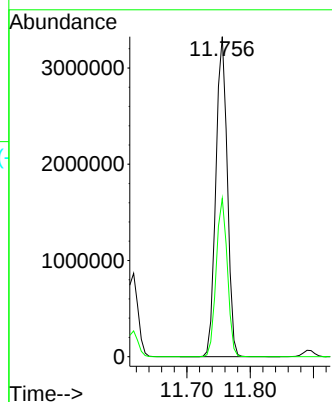
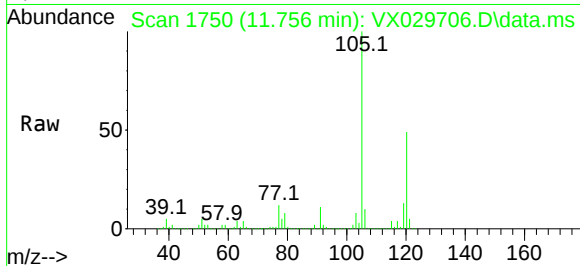




#84  
1,2,4-Trimethylbenzene  
Concen: 409.445 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

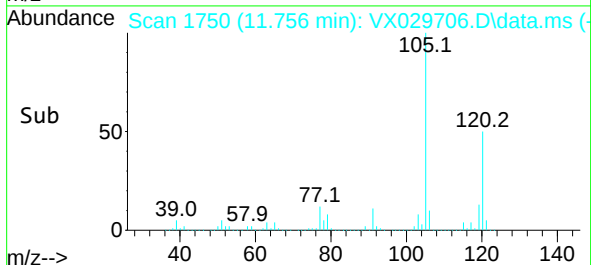
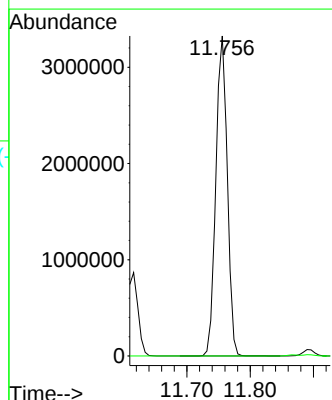
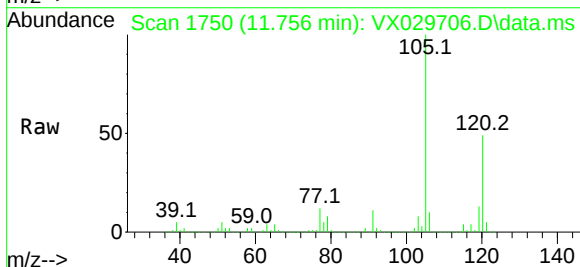
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

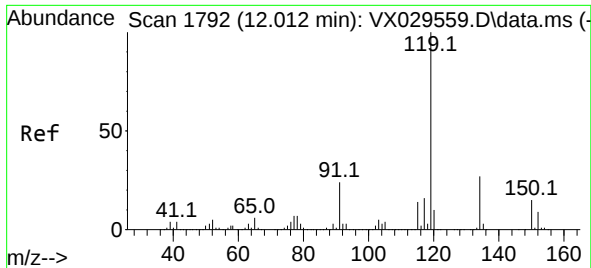
Tgt Ion:105 Resp: 4166465  
Ion Ratio Lower Upper  
105 100  
120 48.3 22.6 67.8



#85  
sec-Butylbenzene  
Concen: 337.936 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.134 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion:105 Resp: 4166465  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.2 30.4#

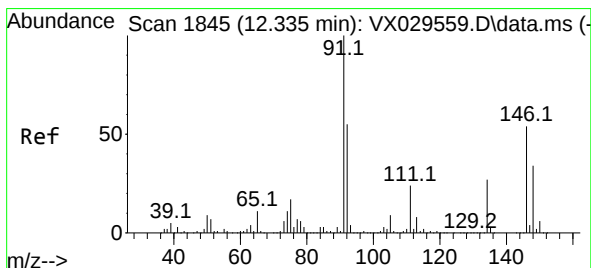
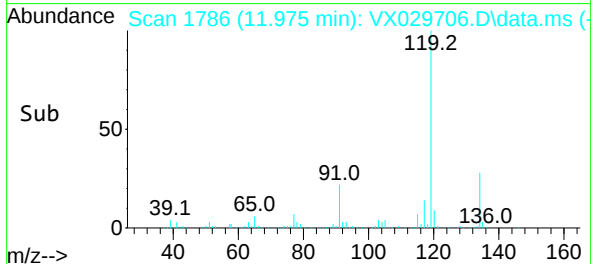
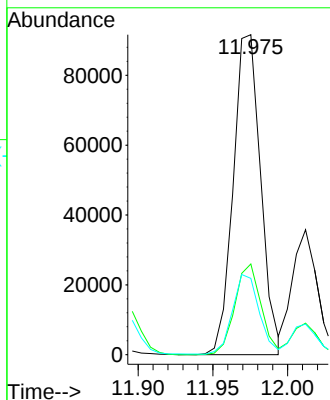
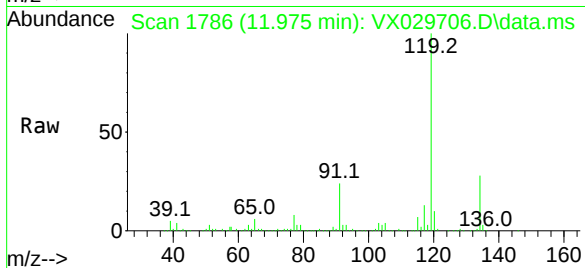




#86  
p-Isopropyltoluene  
Concen: 11.316 ug/l  
RT: 11.975 min Scan# 11  
Delta R.T. -0.037 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

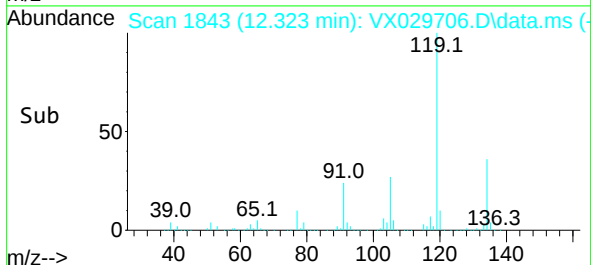
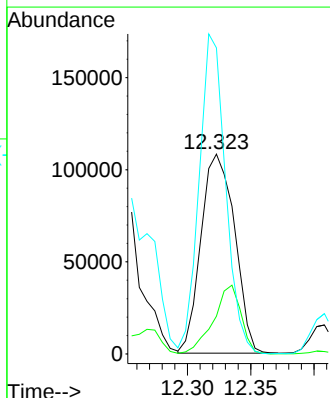
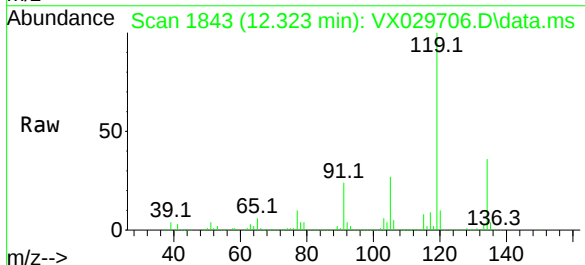
Instrument :  
MSVOA\_X  
ClientSampleId :  
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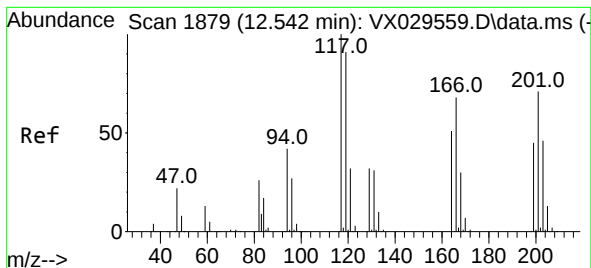
Tgt Ion:119 Resp: 116824  
Ion Ratio Lower Upper  
119 100  
134 27.1 13.0 39.0  
91 24.2 11.3 33.9



#89  
n-Butylbenzene  
Concen: 22.977 ug/l  
RT: 12.323 min Scan# 1843  
Delta R.T. -0.012 min  
Lab File: VX029706.D  
Acq: 22 Jun 2022 17:57

Tgt Ion: 91 Resp: 200194  
Ion Ratio Lower Upper  
91 100  
92 28.1 27.8 83.3  
134 125.8 13.3 39.8#





#90

Hexachloroethane

Concen: 32.482 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX029706.D

Acq: 22 Jun 2022 17:57

Instrument :

MSVOA\_X

ClientSampleId :

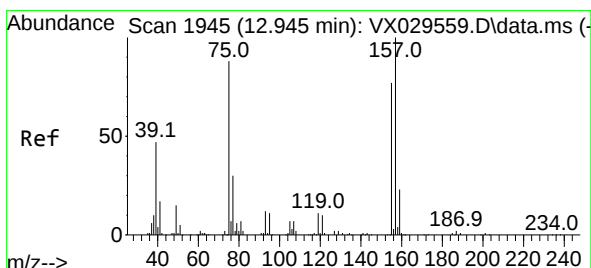
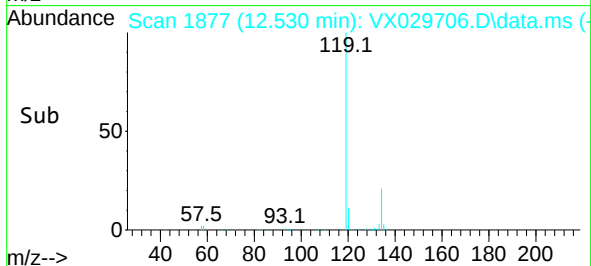
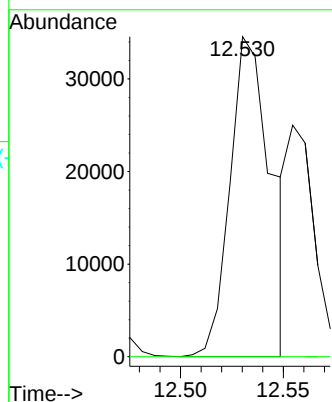
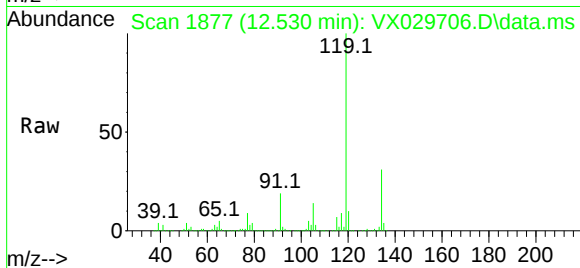
MW-11

Tgt Ion:117 Resp: 48015

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.262 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX029706.D

Acq: 22 Jun 2022 17:57

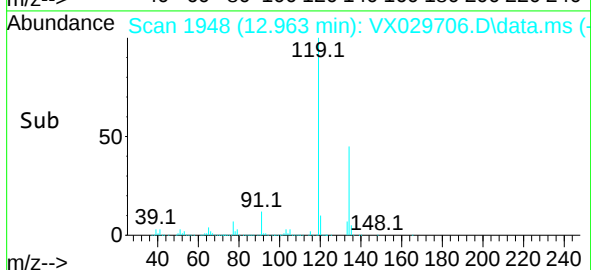
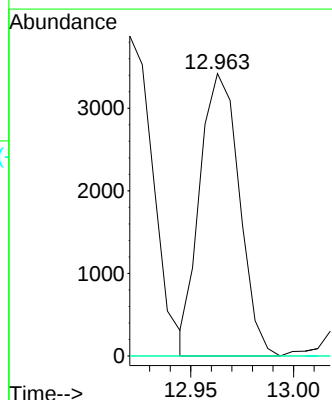
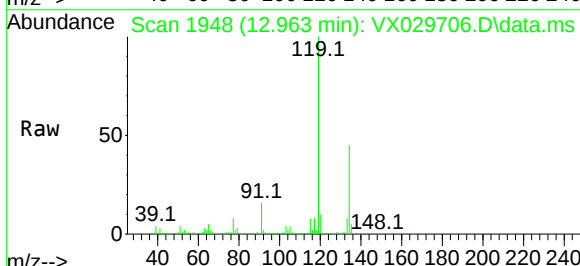
Tgt Ion: 75 Resp: 4567

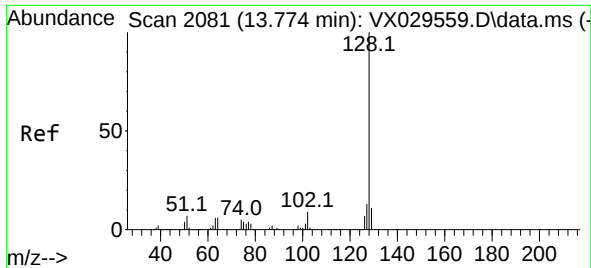
Ion Ratio Lower Upper

75 100

155 0.0 47.0 141.2#

157 0.0 57.9 173.6#





#95

Naphthalene

Concen: 40.563 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029706.D

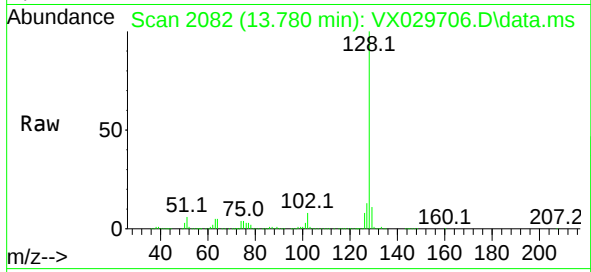
Acq: 22 Jun 2022 17:57

Instrument :

MSVOA\_X

ClientSampleId :

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Tgt Ion:128 Resp: 459743

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.4 8.7 13.1

