

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022825\  
 Data File : VX045096.D  
 Acq On : 28 Feb 2025 18:04  
 Operator : JC/MD  
 Sample : Q1462-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW2

Quant Time: Feb 28 23:11:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 67549    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 129283   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 120205   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 53843    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 53449    | 49.745   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.480%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 45091    | 52.160   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 104.320% |
| 50) Toluene-d8              | 8.647  | 98    | 158977   | 50.726   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 101.460% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 58965    | 56.777   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 113.560% |

|                            |        |     |        |        |        |     |
|----------------------------|--------|-----|--------|--------|--------|-----|
| Target Compounds           |        |     |        | Qvalue |        |     |
| 3) Chloromethane           | 1.307  | 50  | 407    | 0.391  | ug/l # | 76  |
| 6) Chloroethane            | 1.630  | 64  | 2576   | 5.410  | ug/l # | 41  |
| 11) Tert butyl alcohol     | 2.953  | 59  | 338    | 1.661  | ug/l # | 73  |
| 13) Acrolein               | 2.331  | 56  | 8556   | 36.368 | ug/l # | 75  |
| 14) Allyl chloride         | 2.776  | 41  | 41626  | 28.173 | ug/l # | 72  |
| 15) Acrylonitrile          | 3.093  | 53  | 9752   | 17.878 | ug/l # | 39  |
| 16) Acetone                | 2.337  | 43  | 22596  | 45.326 | ug/l # | 55  |
| 17) Carbon Disulfide       | 2.508  | 76  | 615    | 0.278  | ug/l # | 77  |
| 18) Methyl Acetate         | 2.776  | 43  | 111298 | 92.804 | ug/l # | 54  |
| 20) Methylene Chloride     | 2.776  | 84  | 777    | 0.787  | ug/l # | 1   |
| 23) Vinyl Acetate          | 3.715  | 43  | 693    | 0.276  | ug/l # | 73  |
| 25) 2-Butanone             | 4.605  | 43  | 1147   | 1.529  | ug/l # | 50  |
| 26) 2,2-Dichloropropane    | 4.300  | 77  | 1731   | 2.191  | ug/l # | 51  |
| 30) Chloroform             | 5.166  | 83  | 5357   | 3.202  | ug/l # | 39  |
| 31) Cyclohexane            | 5.465  | 56  | 73222  | 50.089 | ug/l   | 96  |
| 36) 1,1-Dichloropropene    | 5.544  | 75  | 5787   | 4.881  | ug/l # | 50  |
| 38) Carbon Tetrachloride   | 5.550  | 117 | 7254   | 6.027  | ug/l # | 15  |
| 39) Methylcyclohexane      | 7.373  | 83  | 79287  | 55.814 | ug/l   | 91  |
| 40) Benzene                | 6.038  | 78  | 5424   | 1.449  | ug/l   | 90  |
| 41) Methacrylonitrile      | 4.885  | 41  | 339    | 0.410  | ug/l # | 40  |
| 43) Isopropyl Acetate      | 6.355  | 43  | 4327   | 1.915  | ug/l # | 63  |
| 45) 1,2-Dichloropropane    | 7.367  | 63  | 1096   | 1.139  | ug/l # | 1   |
| 46) Dibromomethane         | 7.568  | 93  | 228    | 0.335  | ug/l # | 1   |
| 47) Bromodichloromethane   | 7.769  | 83  | 1903   | 1.426  | ug/l # | 64  |
| 48) Methyl methacrylate    | 7.653  | 41  | 10911  | 9.628  | ug/l # | 53  |
| 51) 4-Methyl-2-Pentanone   | 8.598  | 43  | 2737   | 1.804  | ug/l # | 50  |
| 52) Toluene                | 8.720  | 92  | 3152   | 1.435  | ug/l   | 100 |
| 55) 1,1,2-Trichloroethane  | 9.098  | 97  | 20154  | 22.288 | ug/l # | 18  |
| 56) Ethyl methacrylate     | 9.098  | 69  | 4496   | 3.271  | ug/l # | 1   |
| 59) 2-Hexanone             | 9.458  | 43  | 627    | 0.571  | ug/l   | 96  |
| 67) Ethyl Benzene          | 10.195 | 91  | 14198  | 3.204  | ug/l   | 91  |
| 68) m/p-Xylenes            | 10.305 | 106 | 6398   | 3.944  | ug/l   | 99  |
| 69) o-Xylene               | 10.640 | 106 | 6434   | 3.932  | ug/l   | 96  |
| 73) Isopropylbenzene       | 10.964 | 105 | 100492 | 23.912 | ug/l   | 98  |
| 74) N-amyl acetate         | 10.866 | 43  | 429    | 0.218  | ug/l # | 1   |
| 76) 1,2,3-Trichloropropane | 11.299 | 75  | 3202   | 2.555  | ug/l # | 1   |

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 Sample : Q1462-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW2

Quant Time: Feb 28 23:11:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

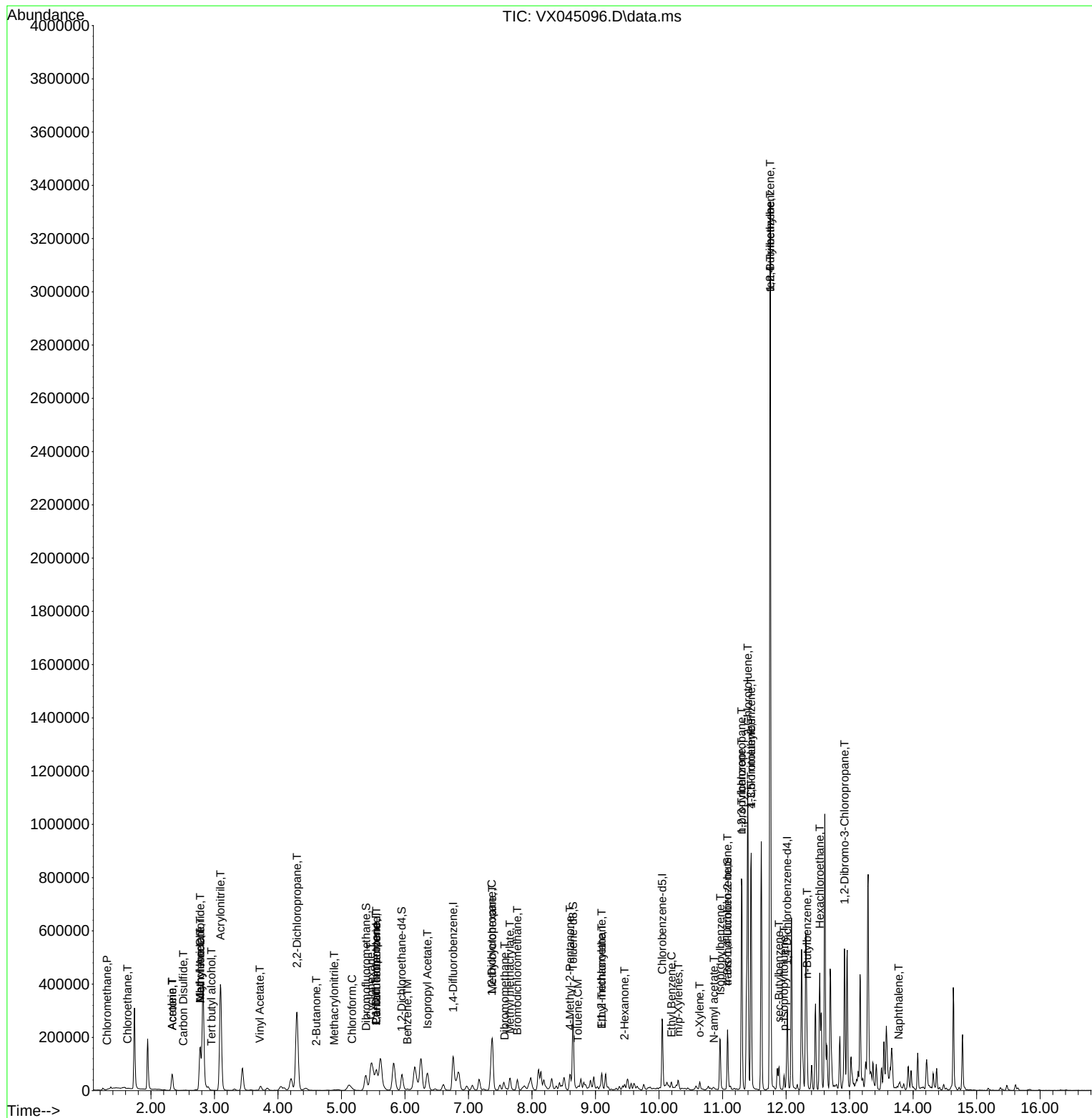
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 78) n-propylbenzene           | 11.299 | 91   | 494860   | 104.238 | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.396 | 91   | 87925    | 29.081  | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 387454   | 114.020 | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 31482    | 85.970  | ug/l # | 6        |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 43624    | 13.239  | ug/l # | 46       |
| 83) tert-Butylbenzene         | 11.750 | 119  | 161757   | 46.329  | ug/l # | 54       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 1375816  | 402.383 | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 45438    | 10.864  | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 11.969 | 119  | 21555    | 6.377   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 101856   | 34.989  | ug/l # | 38       |
| 90) Hexachloroethane          | 12.530 | 117  | 27845    | 45.547  | ug/l # | 18       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 2008     | 6.683   | ug/l # | 4        |
| 95) Naphthalene               | 13.774 | 128  | 12131    | 3.125   | ug/l # | 86       |
| -----                         |        |      |          |         |        |          |

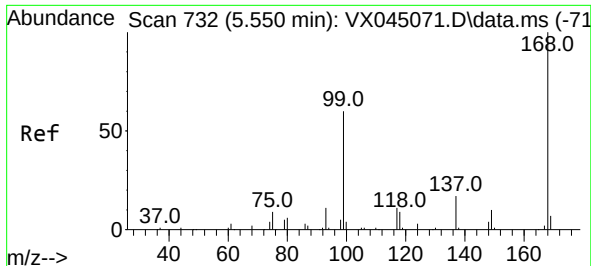
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX045096.D  
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Sample : Q1462-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

Quant Time: Feb 28 23:11:33 2025  
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Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration

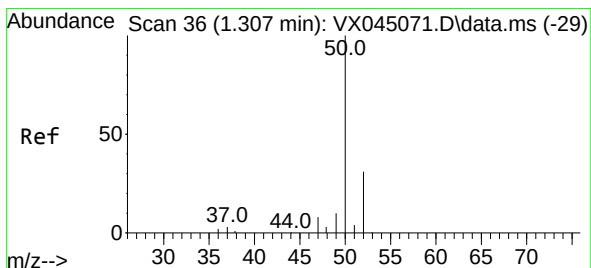
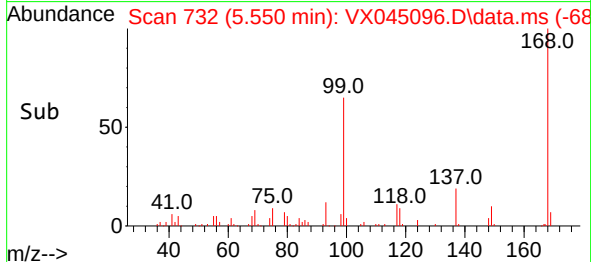
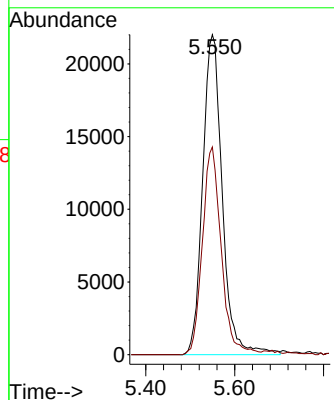
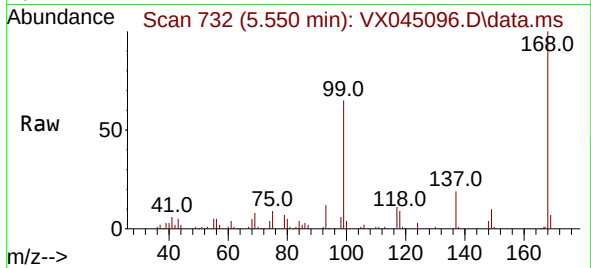




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

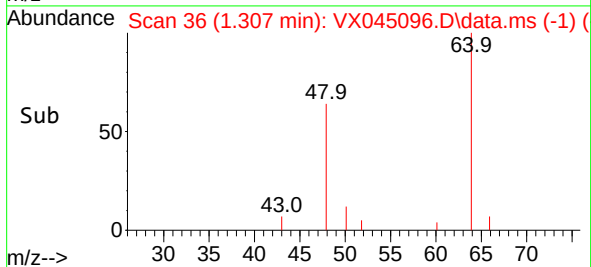
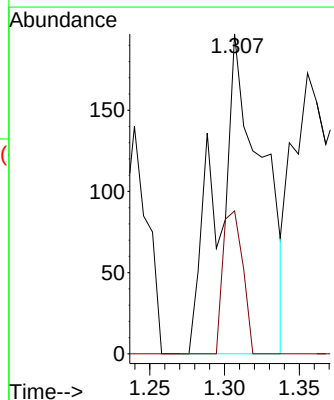
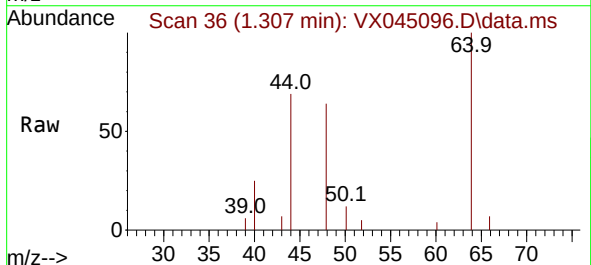
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

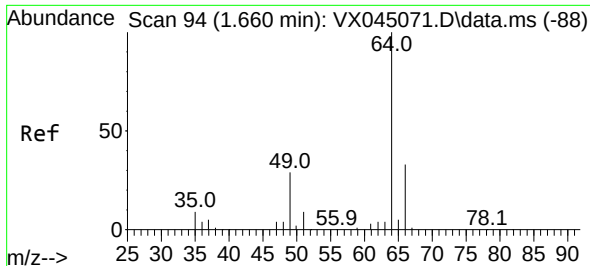
Tgt Ion:168 Resp: 67549  
Ion Ratio Lower Upper  
168 100  
99 64.9 48.2 72.4



#3  
Chloromethane  
Concen: 0.391 ug/l  
RT: 1.307 min Scan# 36  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 50 Resp: 407  
Ion Ratio Lower Upper  
50 100  
52 44.7 25.0 37.4#

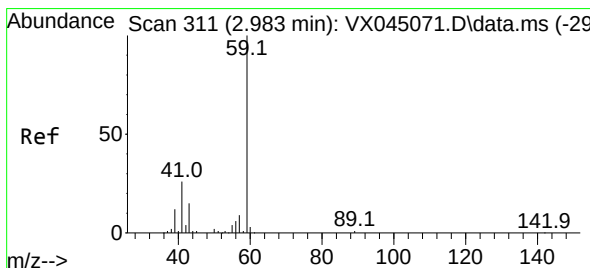
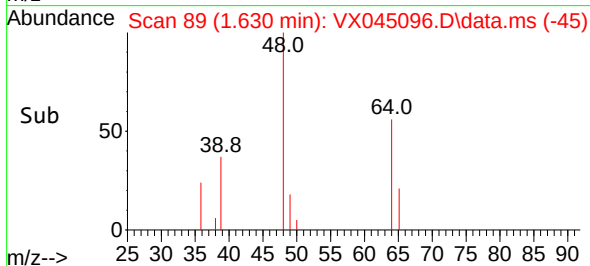
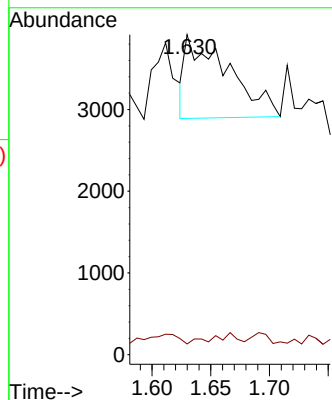
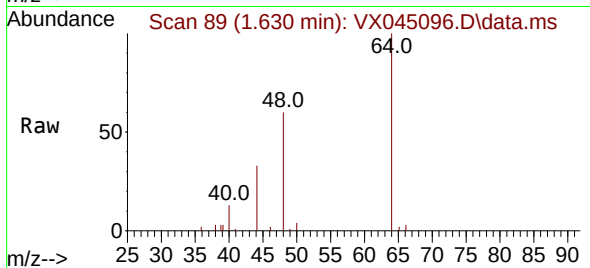




#6  
Chloroethane  
Concen: 5.410 ug/l  
RT: 1.630 min Scan# 89  
Delta R.T. -0.030 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

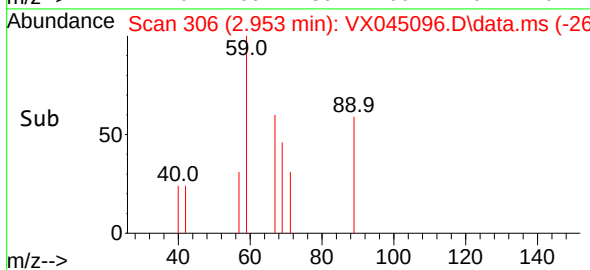
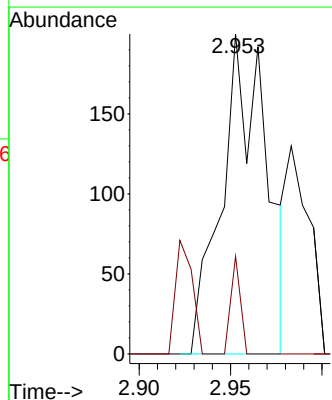
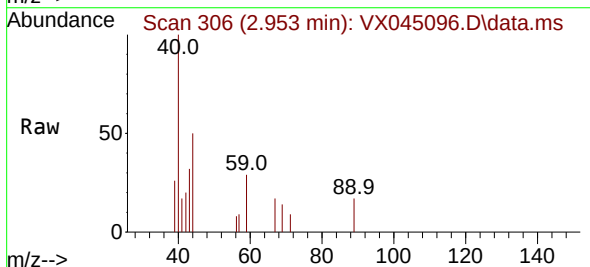
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

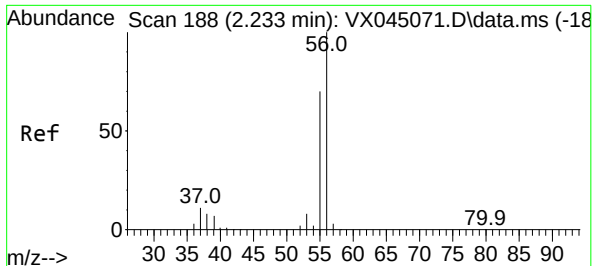
Tgt Ion: 64 Resp: 2576  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.7 40.1#



#11  
Tert butyl alcohol  
Concen: 1.661 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.030 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 59 Resp: 338  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 36.368 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.098 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

Instrument :

MSVOA\_X

ClientSampleId :

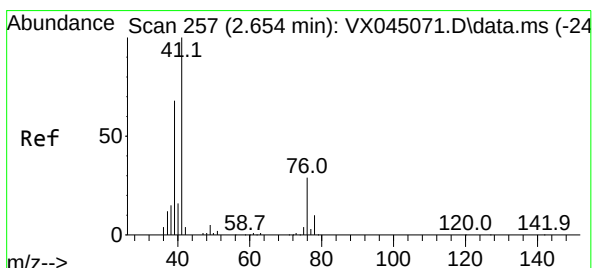
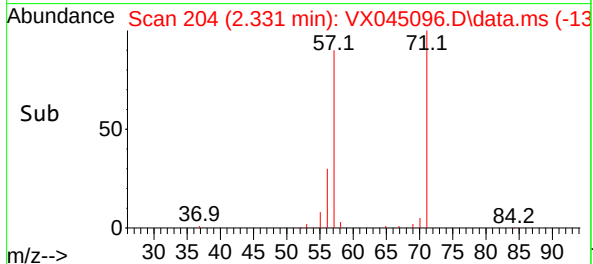
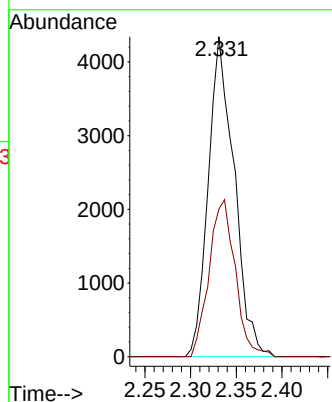
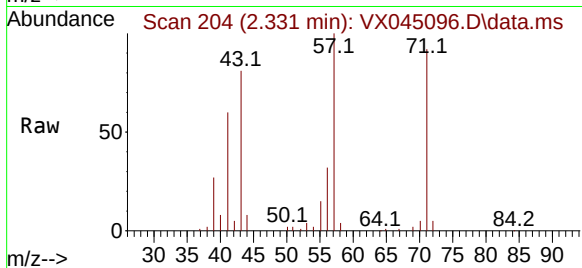
MW2

Tgt Ion: 56 Resp: 8556

Ion Ratio Lower Upper

56 100

55 49.5 56.2 84.4#



#14

Allyl chloride

Concen: 28.173 ug/l

RT: 2.776 min Scan# 277

Delta R.T. 0.122 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

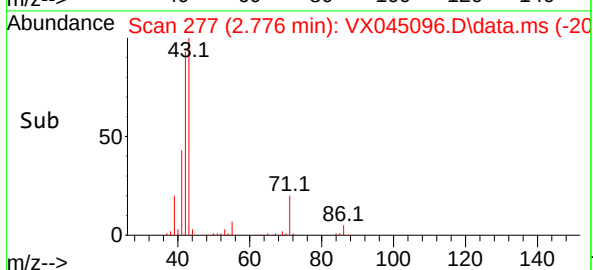
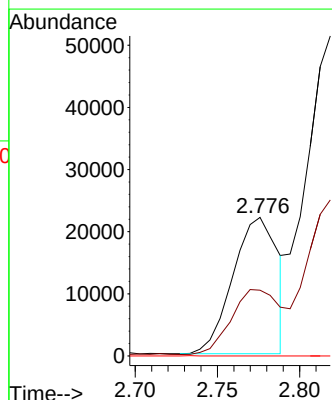
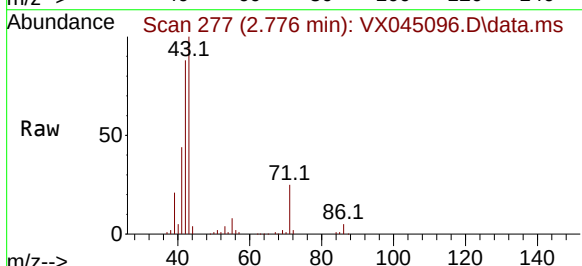
Tgt Ion: 41 Resp: 41626

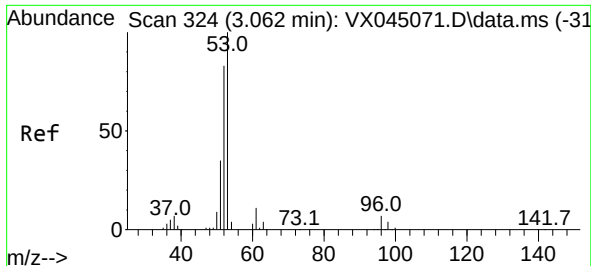
Ion Ratio Lower Upper

41 100

39 55.7 53.8 80.8

76 0.0 25.2 37.8#

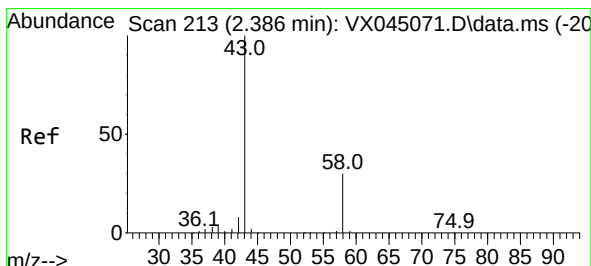
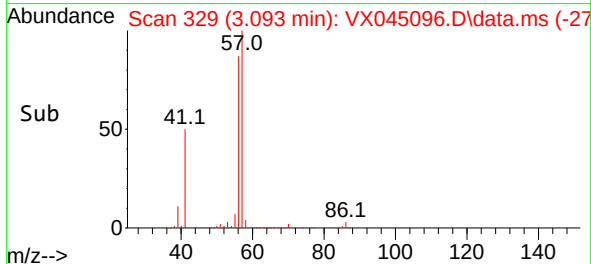
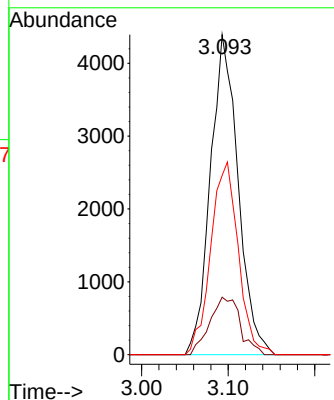
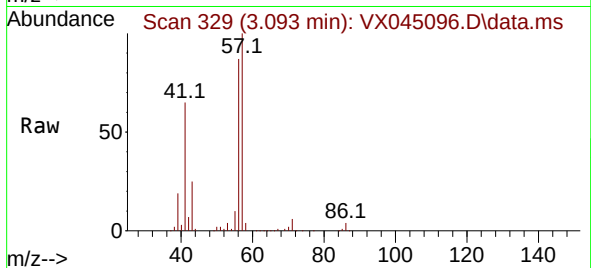




#15  
Acrylonitrile  
Concen: 17.878 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.031 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

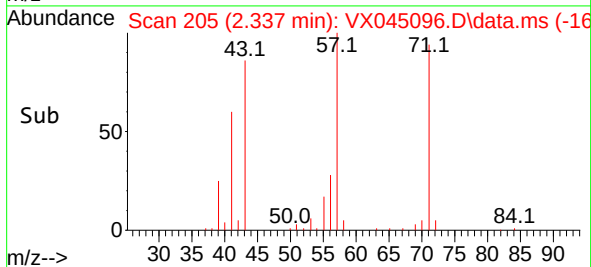
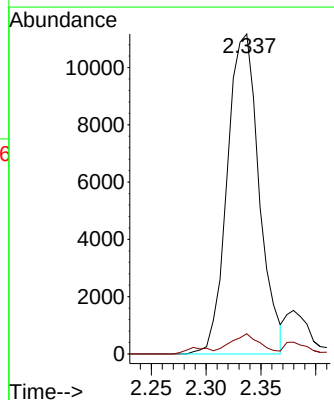
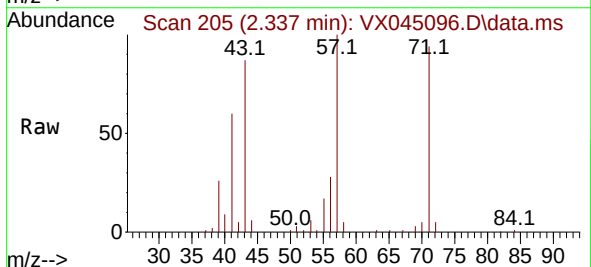
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

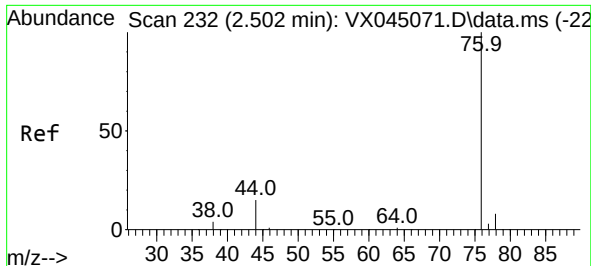
Tgt Ion: 53 Resp: 9752  
Ion Ratio Lower Upper  
53 100  
52 19.8 66.2 99.2#  
51 59.9 29.0 43.4#



#16  
Acetone  
Concen: 45.326 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. -0.049 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 43 Resp: 22596  
Ion Ratio Lower Upper  
43 100  
58 5.8 24.2 36.4#





#17

Carbon Disulfide

Concen: 0.278 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

Instrument :

MSVOA\_X

ClientSampleId :

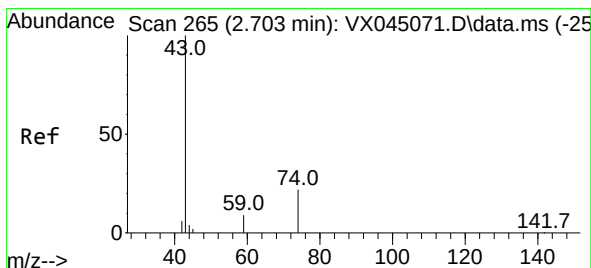
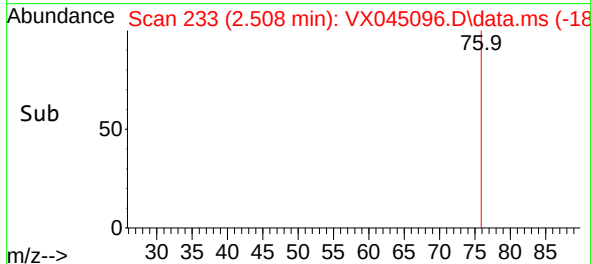
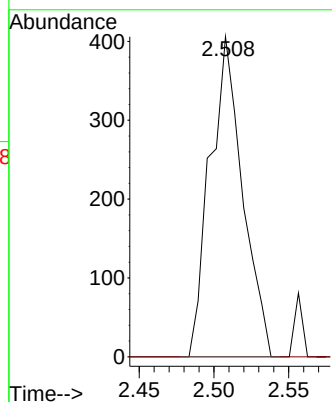
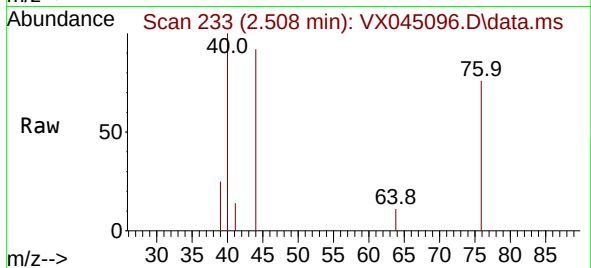
MW2

Tgt Ion: 76 Resp: 615

Ion Ratio Lower Upper

76 100

78 0.0 6.6 9.8#



#18

Methyl Acetate

Concen: 92.804 ug/l

RT: 2.776 min Scan# 277

Delta R.T. 0.073 min

Lab File: VX045096.D

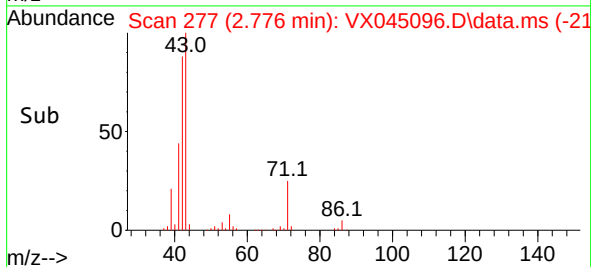
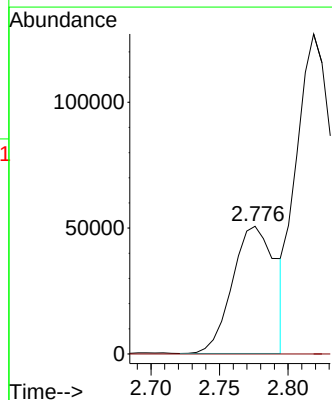
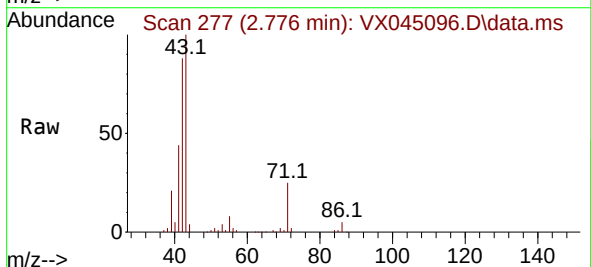
Acq: 28 Feb 2025 18:04

Tgt Ion: 43 Resp: 111298

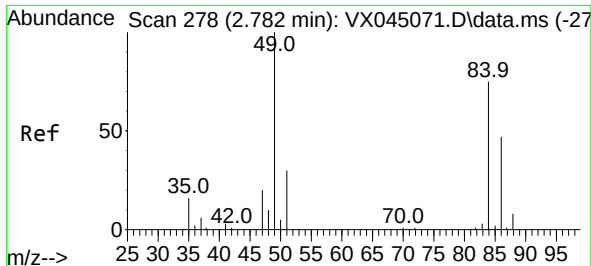
Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.2#



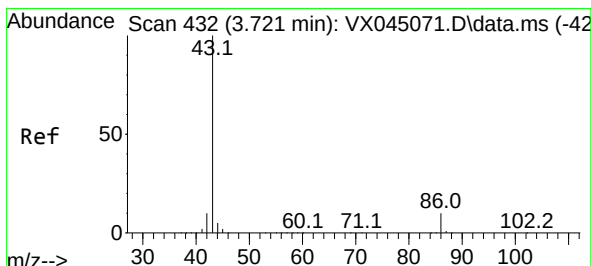
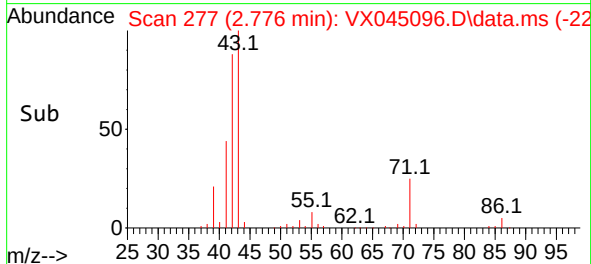
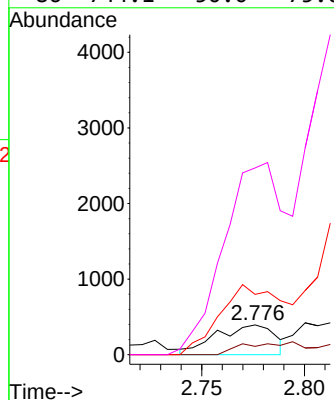
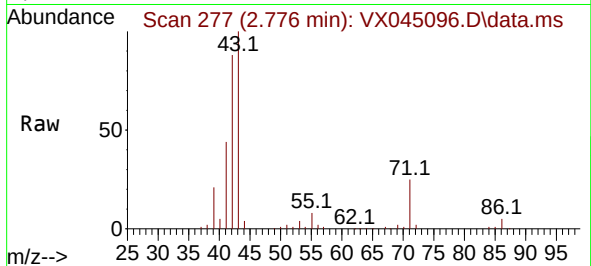




#20  
Methylene Chloride  
Concen: 0.787 ug/l  
RT: 2.776 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

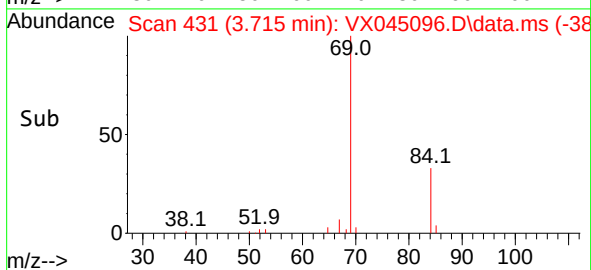
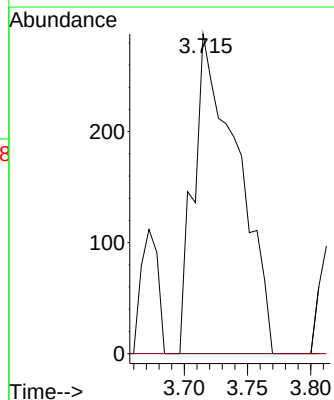
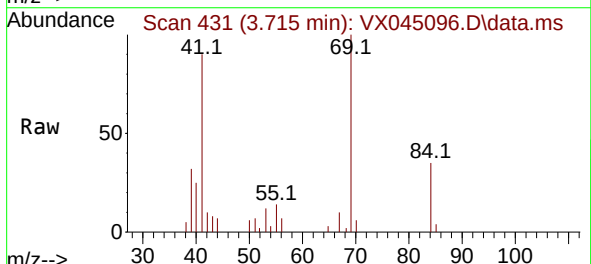
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

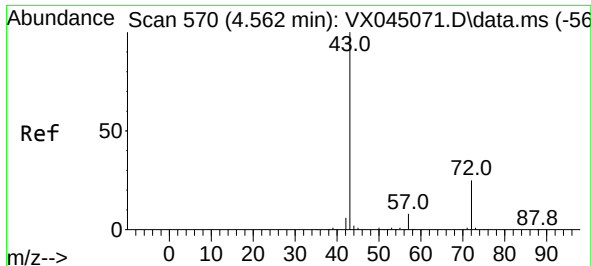
|             |              |
|-------------|--------------|
| Tgt Ion: 84 | Resp: 777    |
| Ion Ratio   | Lower Upper  |
| 84 100      |              |
| 49 34.2     | 106.5 159.7# |
| 51 247.5    | 32.1 48.1#   |
| 86 744.1    | 50.0 75.0#   |



#23  
Vinyl Acetate  
Concen: 0.276 ug/l  
RT: 3.715 min Scan# 431  
Delta R.T. -0.006 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

|             |           |       |  |
|-------------|-----------|-------|--|
| Tgt Ion: 43 | Resp: 693 |       |  |
| Ion Ratio   | Lower     | Upper |  |
| 43 100      |           |       |  |
| 86 0.0      | 8.1       | 12.1# |  |

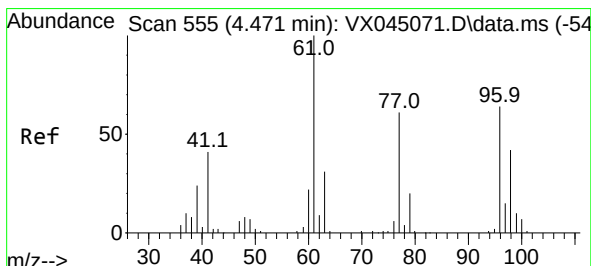
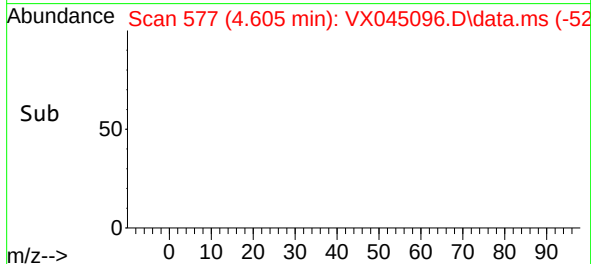
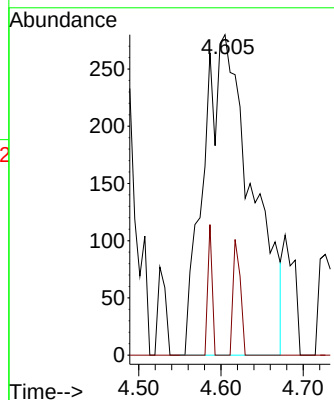
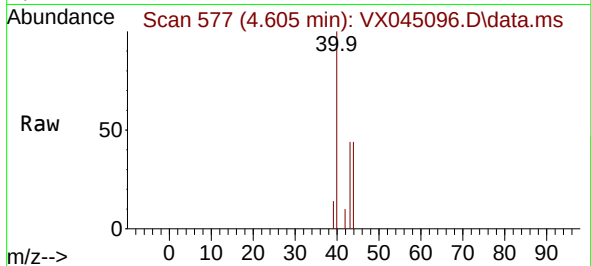




#25  
2-Butanone  
Concen: 1.529 ug/l  
RT: 4.605 min Scan# 511  
Delta R.T. 0.043 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

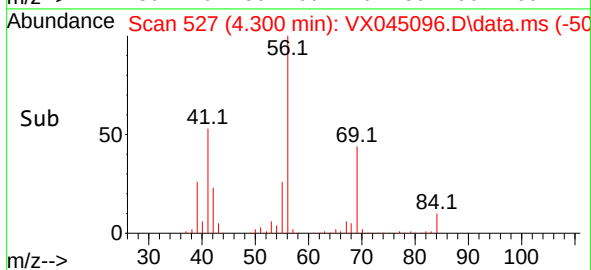
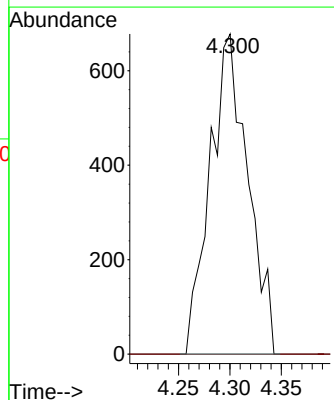
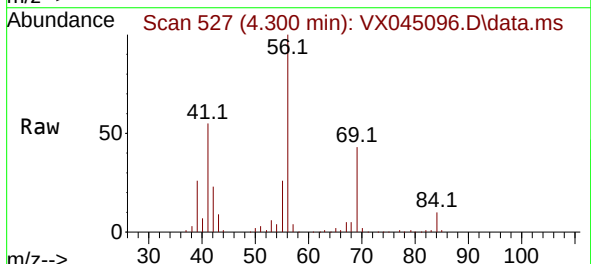
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

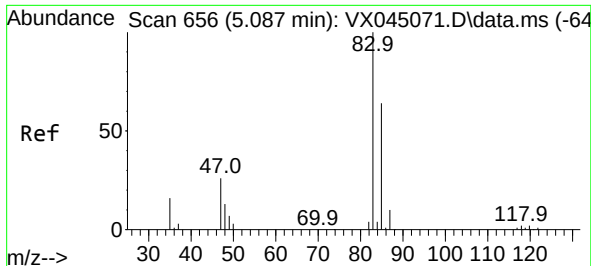
Tgt Ion: 43 Resp: 1147  
Ion Ratio Lower Upper  
43 100  
72 0.0 20.0 30.0#



#26  
2,2-Dichloropropane  
Concen: 2.191 ug/l  
RT: 4.300 min Scan# 527  
Delta R.T. -0.171 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 77 Resp: 1731  
Ion Ratio Lower Upper  
77 100  
97 0.0 12.4 37.0#





#30

Chloroform

Concen: 3.202 ug/l

RT: 5.166 min Scan# 6

Delta R.T. 0.079 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

Instrument :

MSVOA\_X

ClientSampleId :

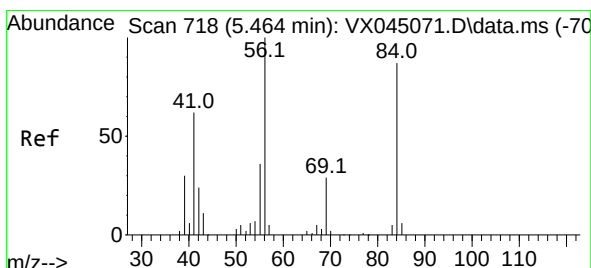
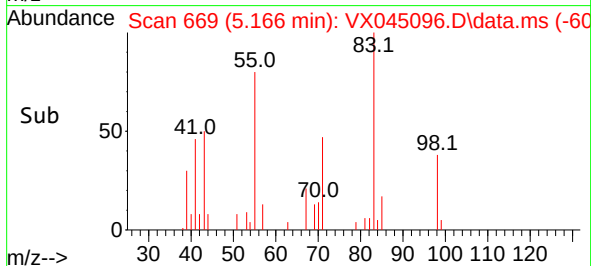
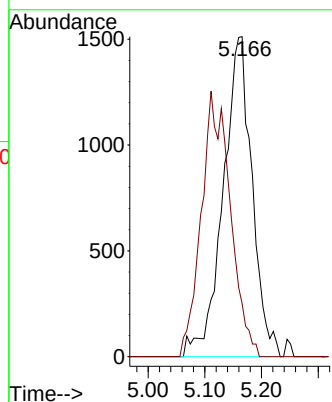
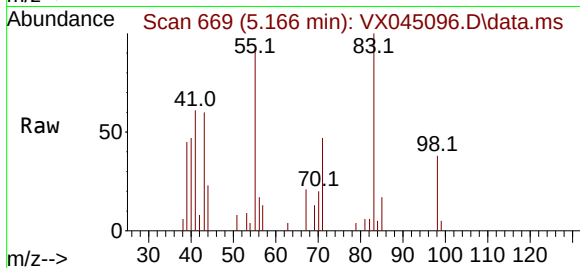
MW2

Tgt Ion: 83 Resp: 5357

Ion Ratio Lower Upper

83 100

85 16.6 51.4 77.2#



#31

Cyclohexane

Concen: 50.089 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

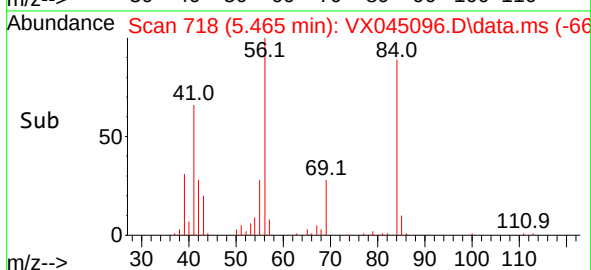
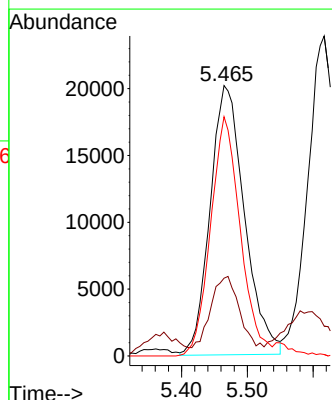
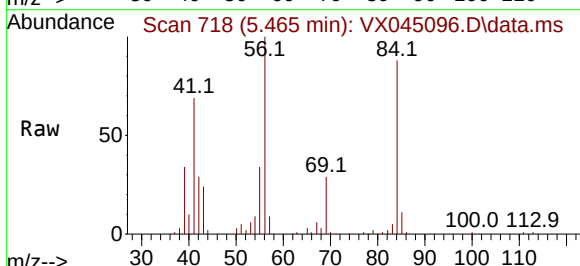
Tgt Ion: 56 Resp: 73222

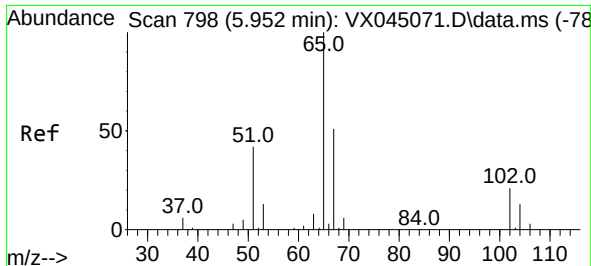
Ion Ratio Lower Upper

56 100

69 24.2 23.4 35.2

84 89.2 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 49.745 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

Instrument :

MSVOA\_X

ClientSampleId :

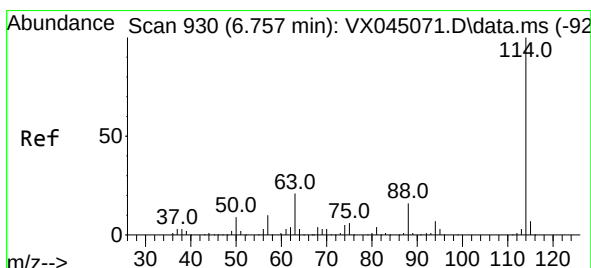
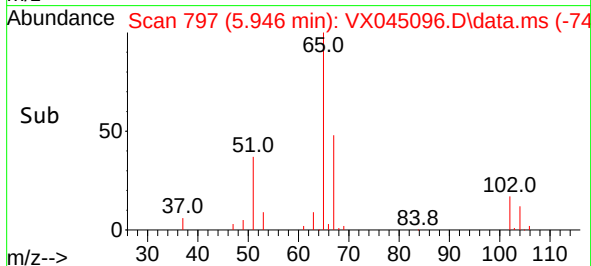
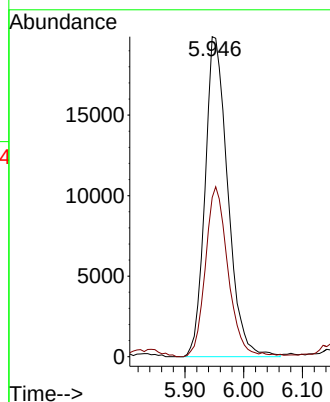
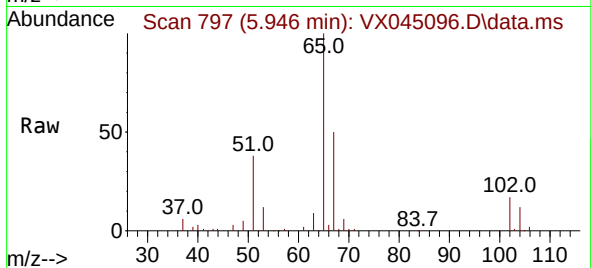
MW2

Tgt Ion: 65 Resp: 53449

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

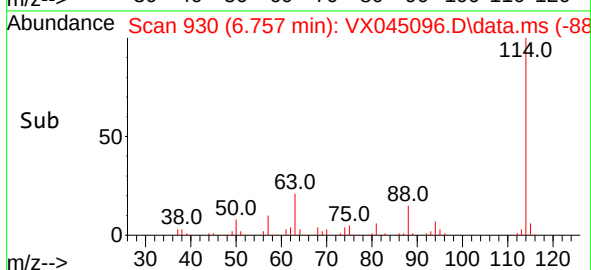
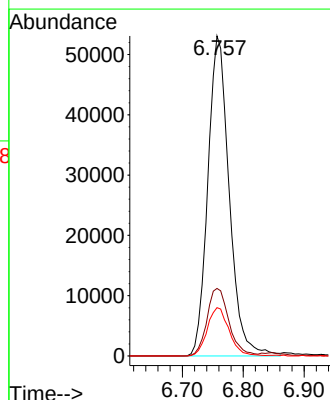
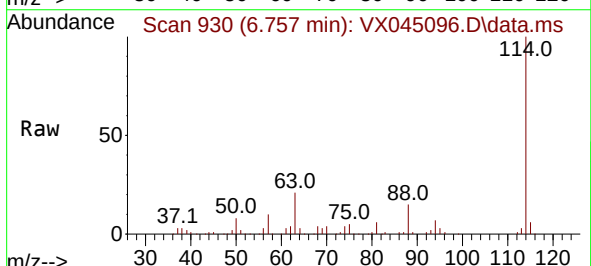
Tgt Ion: 114 Resp: 129283

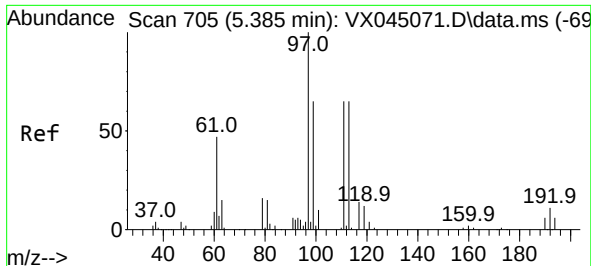
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.8

88 15.1 0.0 32.8

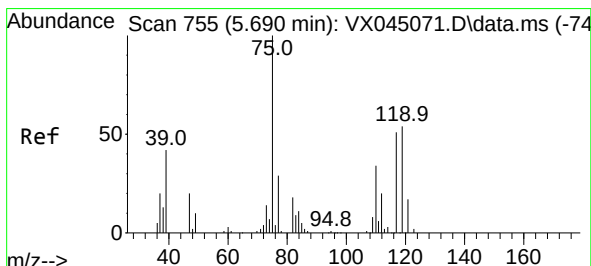
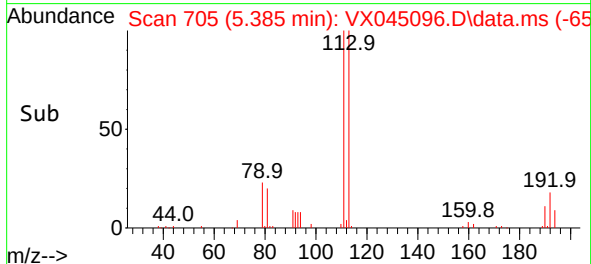
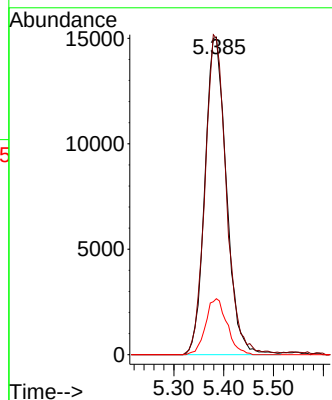
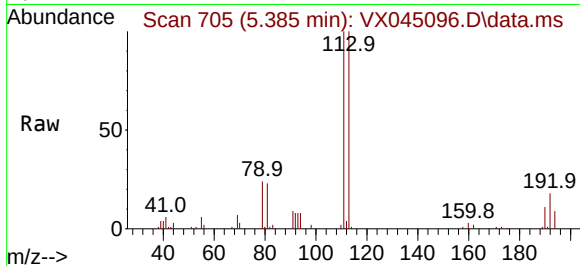




#35  
Dibromofluoromethane  
Concen: 52.160 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

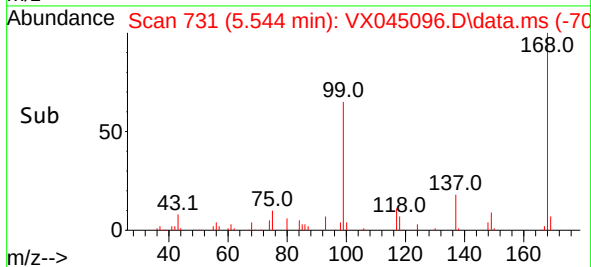
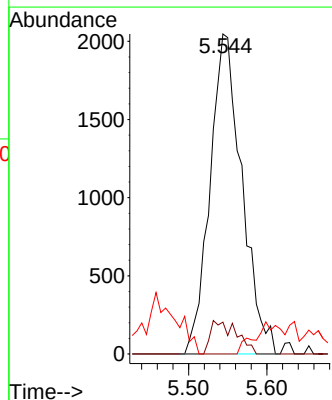
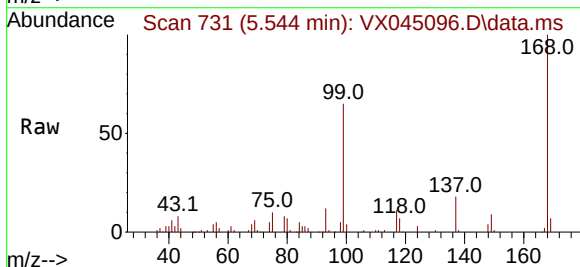
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

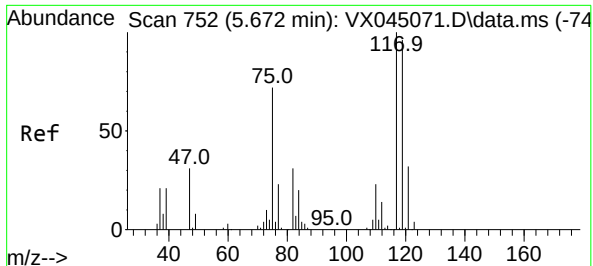
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 45091 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 100.2 | 81.8  | 122.6 |
| 192      | 17.6  | 14.3  | 21.5  |



#36  
1,1-Dichloropropene  
Concen: 4.881 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.146 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5787  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 8.5   | 16.9  | 50.6# |
| 77       | 0.0   | 24.5  | 36.7# |

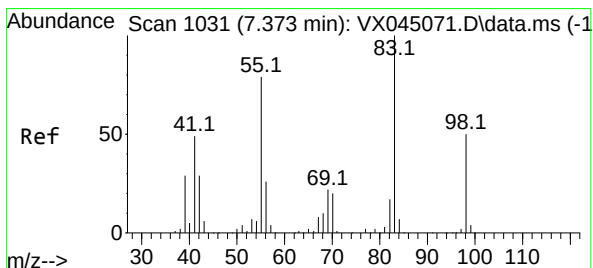
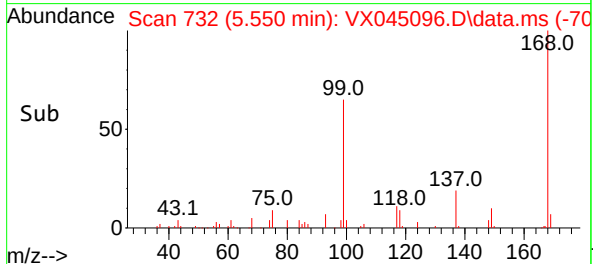
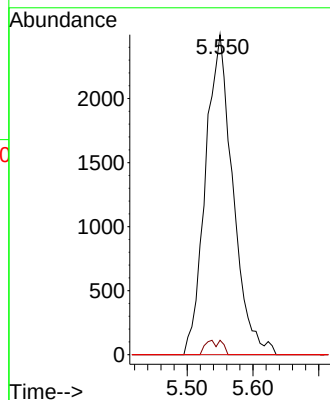
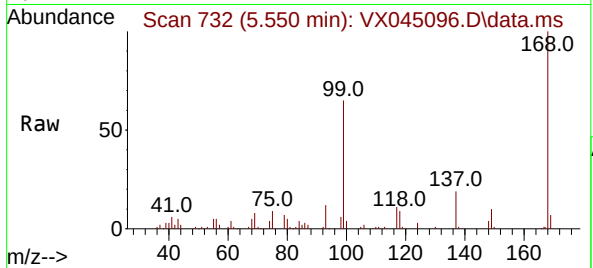




#38  
Carbon Tetrachloride  
Concen: 6.027 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

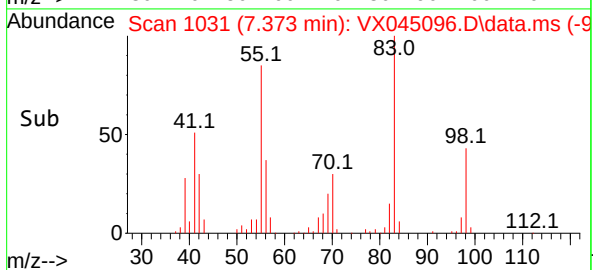
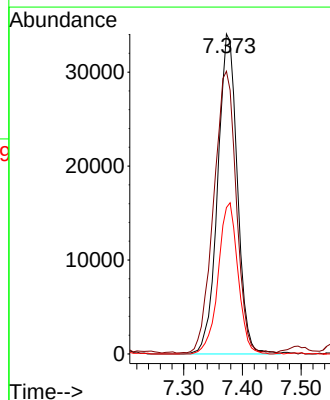
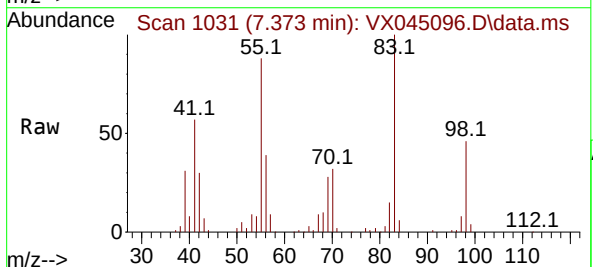
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

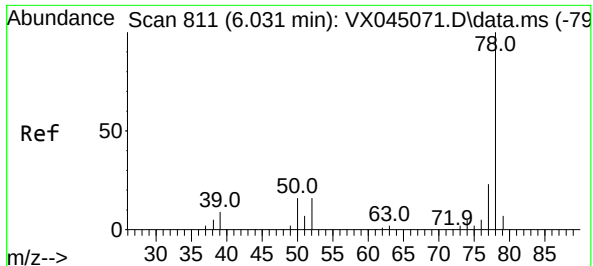
Tgt Ion:117 Resp: 7254  
Ion Ratio Lower Upper  
117 100  
119 4.5 76.7 115.1#  
121 0.0 25.5 38.3#



#39  
Methylcyclohexane  
Concen: 55.814 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 83 Resp: 79287  
Ion Ratio Lower Upper  
83 100  
55 88.0 63.0 94.4  
98 45.8 39.7 59.5





#40

Benzene

Concen: 1.449 ug/l

RT: 6.038 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

Instrument :

MSVOA\_X

ClientSampleId :

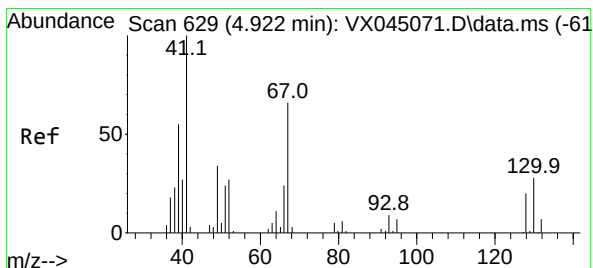
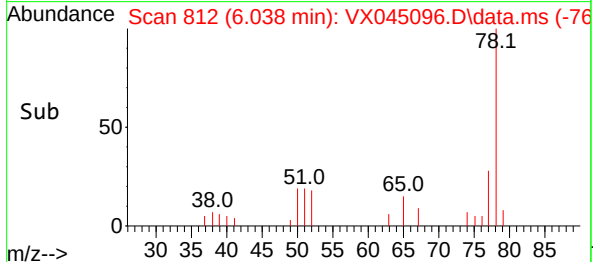
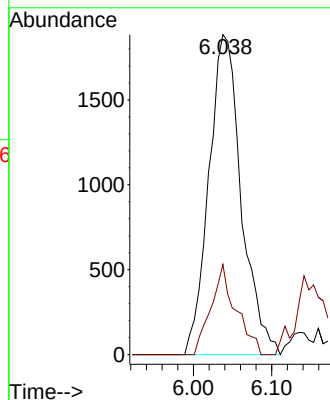
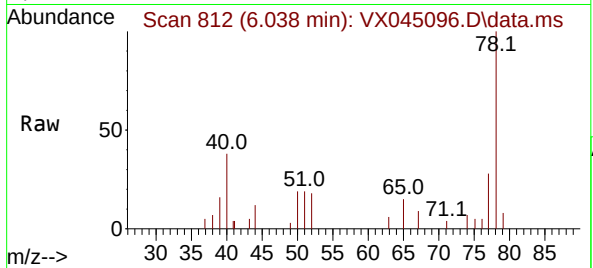
MW2

Tgt Ion: 78 Resp: 5424

Ion Ratio Lower Upper

78 100

77 28.2 18.8 28.2



#41

Methacrylonitrile

Concen: 0.410 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.037 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

Tgt Ion: 41 Resp: 339

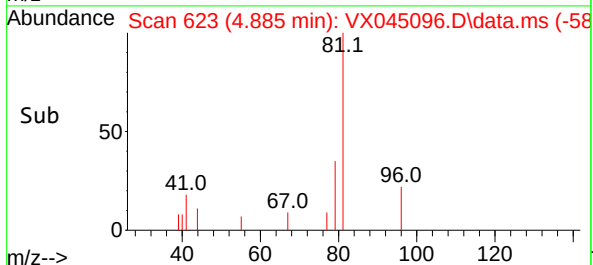
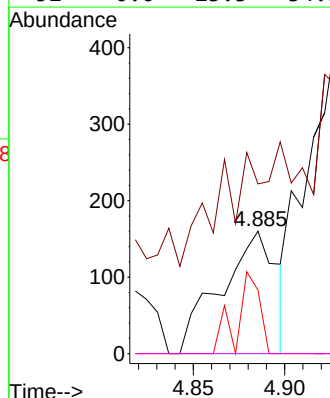
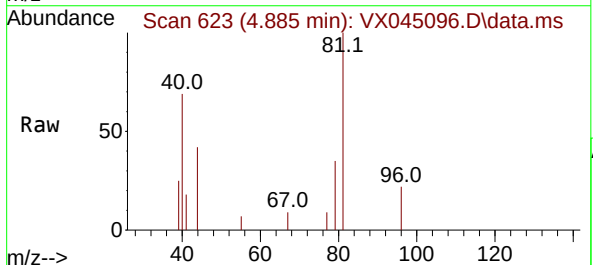
Ion Ratio Lower Upper

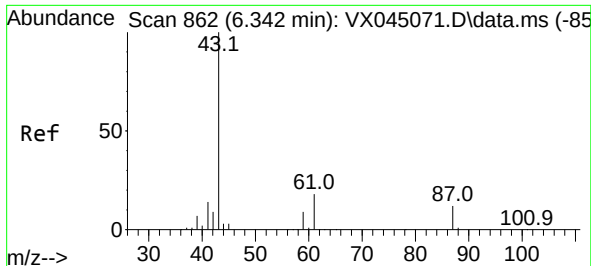
41 100

39 109.7 44.6 67.0#

67 27.4 53.9 80.9#

52 0.0 23.3 34.9#

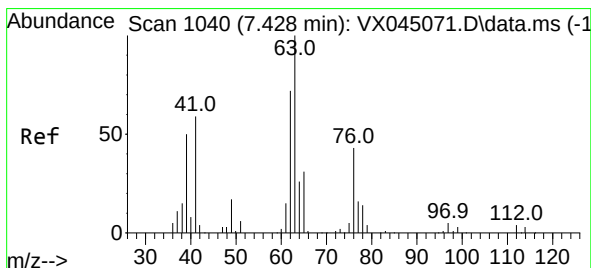
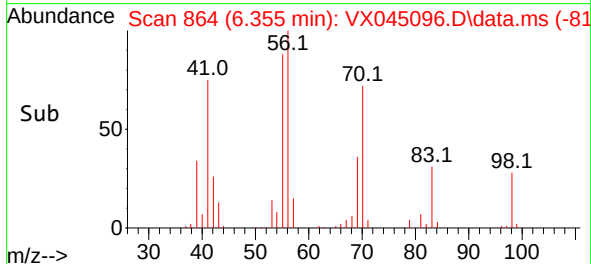
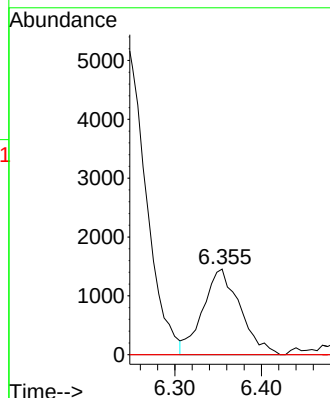
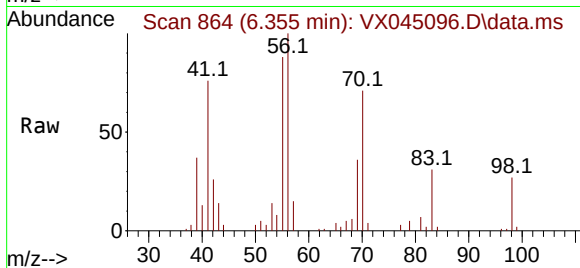




#43  
Isopropyl Acetate  
Concen: 1.915 ug/l  
RT: 6.355 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

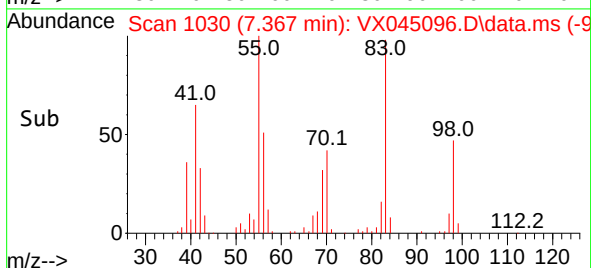
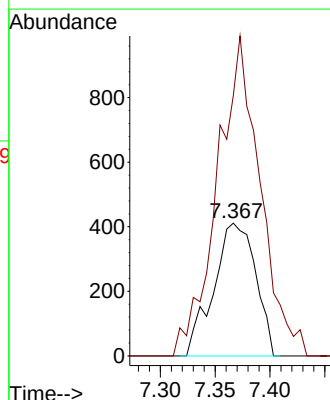
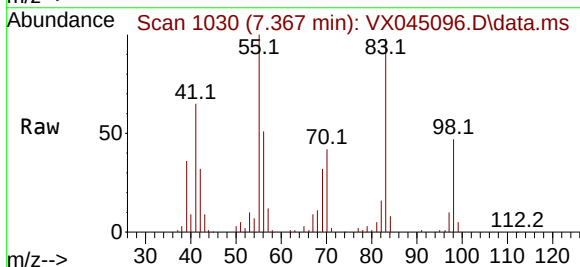
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

Tgt Ion: 43 Resp: 4327  
Ion Ratio Lower Upper  
43 100  
61 0.0 14.9 22.3#  
87 0.0 9.4 14.2#

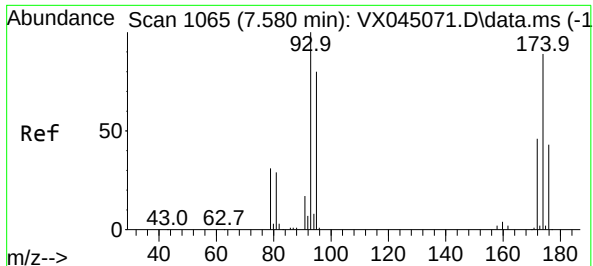


#45  
1,2-Dichloropropane  
Concen: 1.139 ug/l  
RT: 7.367 min Scan# 1030  
Delta R.T. -0.061 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 63 Resp: 1096  
Ion Ratio Lower Upper  
63 100  
65 174.9 24.7 37.1#



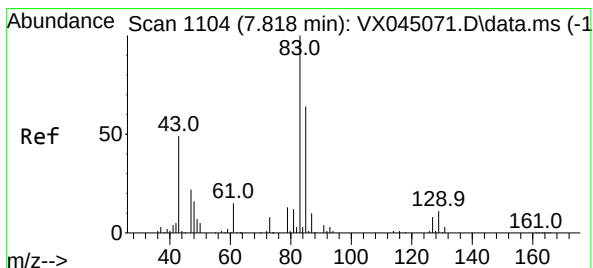
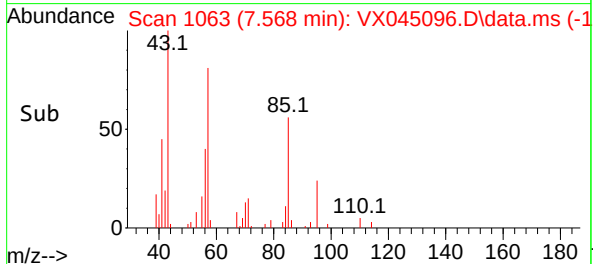
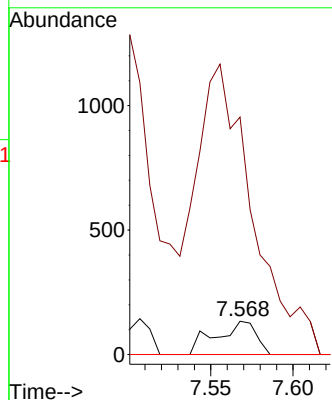
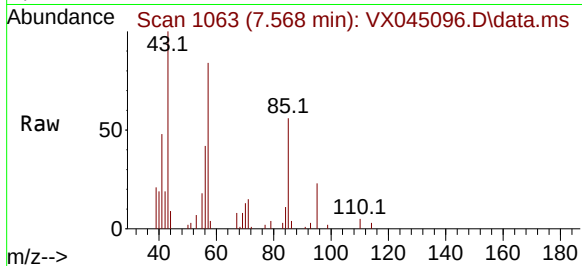




#46  
Dibromomethane  
Concen: 0.335 ug/l  
RT: 7.568 min Scan# 1063  
Delta R.T. -0.012 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

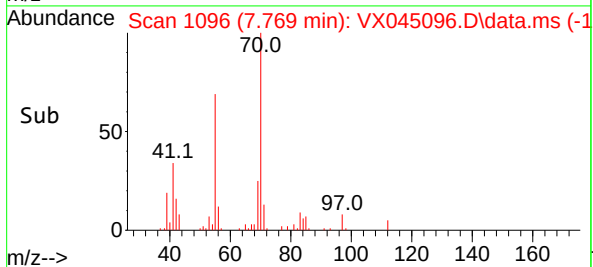
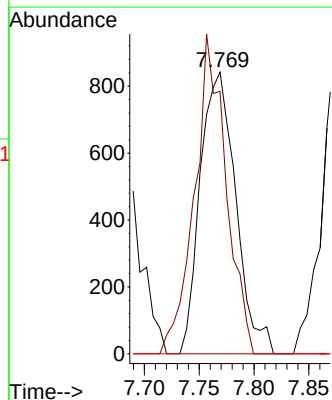
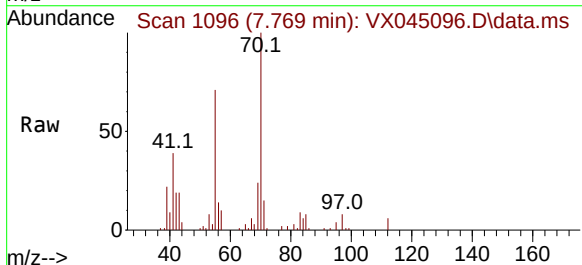
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

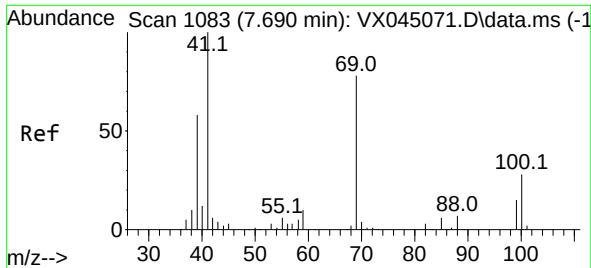
Tgt Ion: 93 Resp: 228  
Ion Ratio Lower Upper  
93 100  
95 1211.8 65.8 98.8#  
174 0.0 72.2 108.2#



#47  
Bromodichloromethane  
Concen: 1.426 ug/l  
RT: 7.769 min Scan# 1096  
Delta R.T. -0.049 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 83 Resp: 1903  
Ion Ratio Lower Upper  
83 100  
85 93.2 51.1 76.7#  
127 0.0 6.4 9.6#

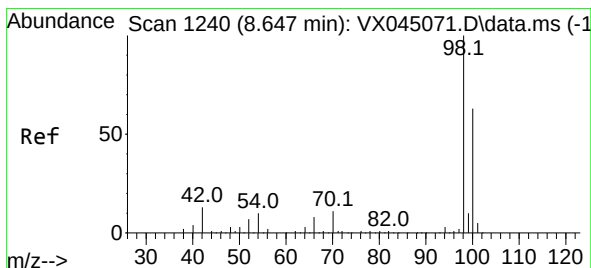
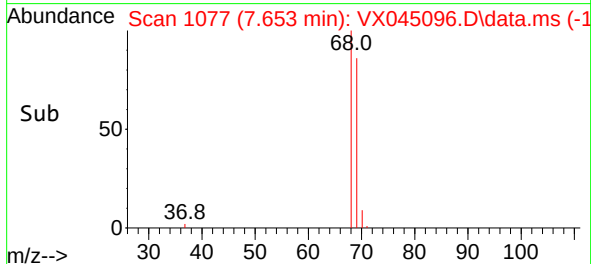
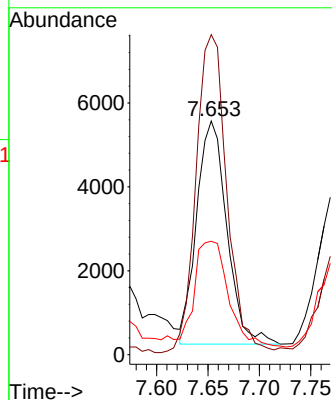
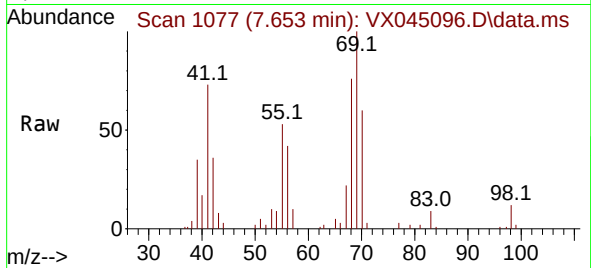




#48  
Methyl methacrylate  
Concen: 9.628 ug/l  
RT: 7.653 min Scan# 1083  
Delta R.T. -0.037 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

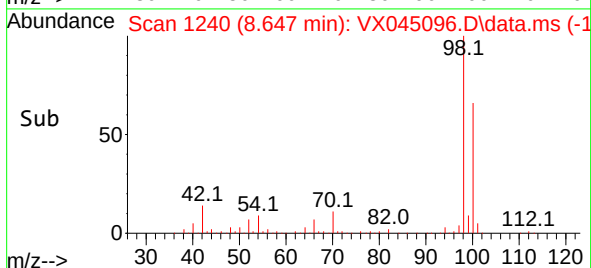
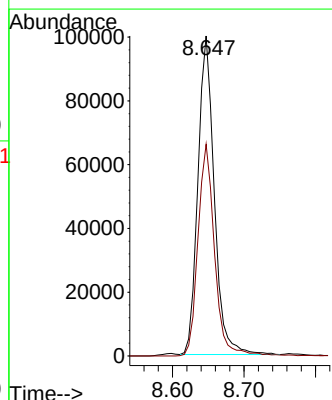
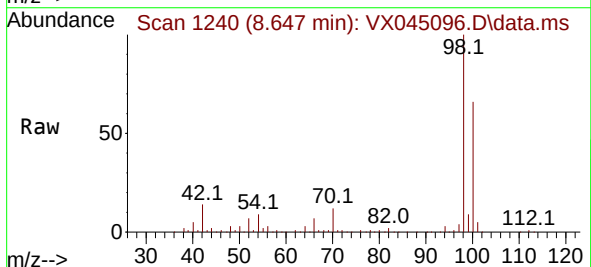
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

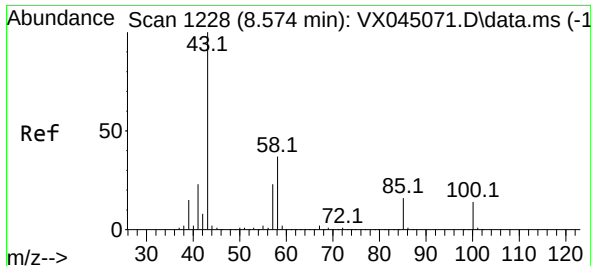
Tgt Ion: 41 Resp: 10911  
Ion Ratio Lower Upper  
41 100  
69 144.8 63.0 94.6#  
39 53.2 47.5 71.3



#50  
Toluene-d8  
Concen: 50.726 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 98 Resp: 158977  
Ion Ratio Lower Upper  
98 100  
100 67.8 52.0 78.0

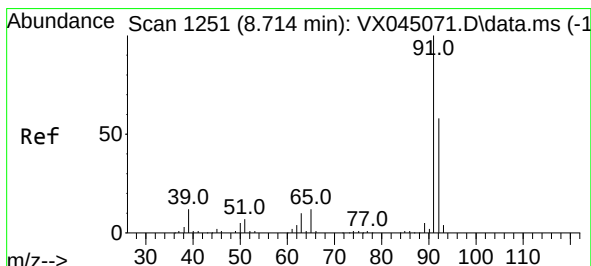
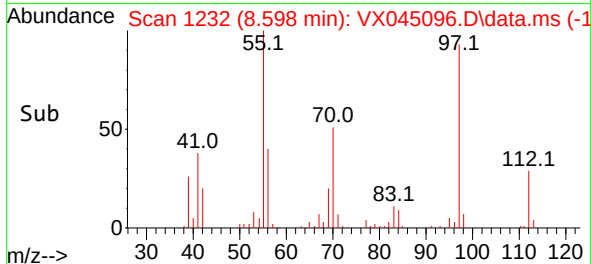
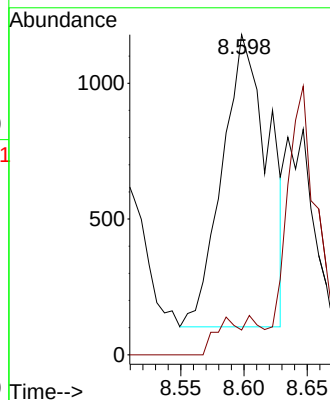
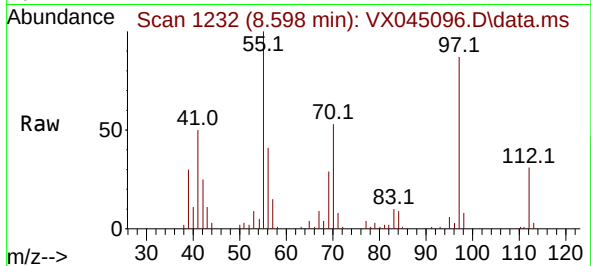




#51  
4-Methyl-2-Pentanone  
Concen: 1.804 ug/l  
RT: 8.598 min Scan# 1232  
Delta R.T. 0.024 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

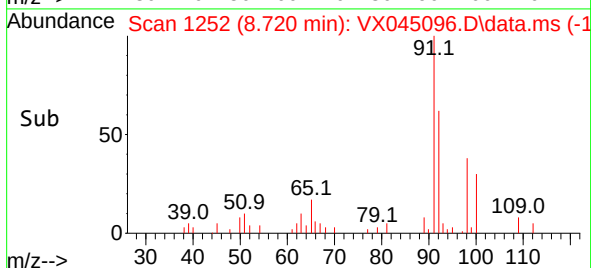
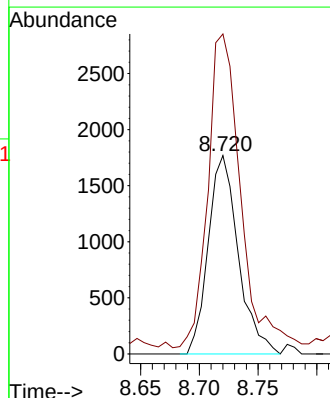
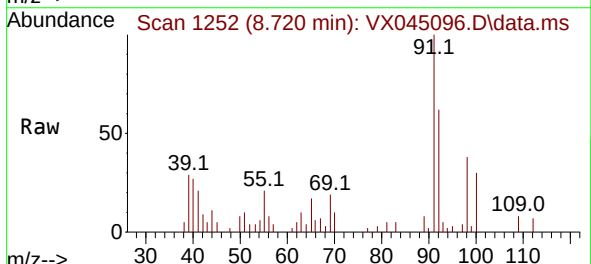
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

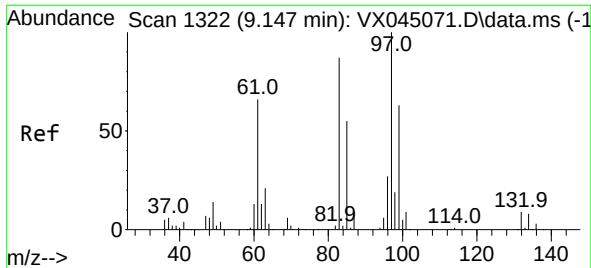
Tgt Ion: 43 Resp: 2737  
Ion Ratio Lower Upper  
43 100  
58 6.7 29.2 43.8#



#52  
Toluene  
Concen: 1.435 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 92 Resp: 3152  
Ion Ratio Lower Upper  
92 100  
91 173.1 138.9 208.3

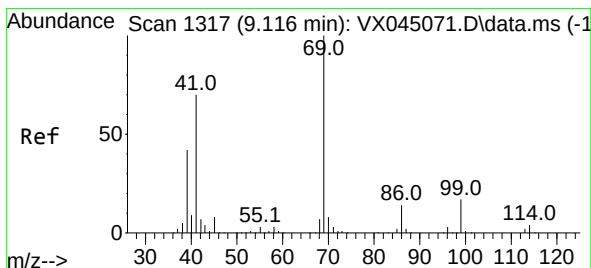
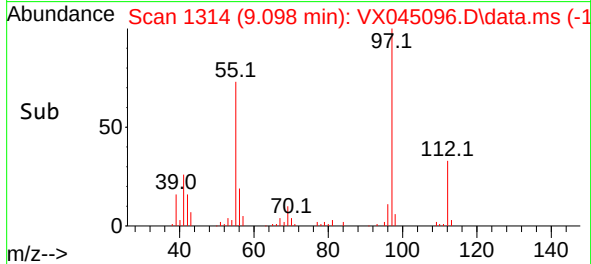
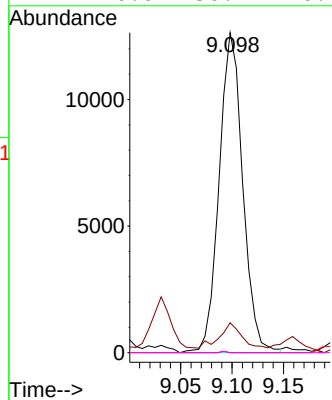
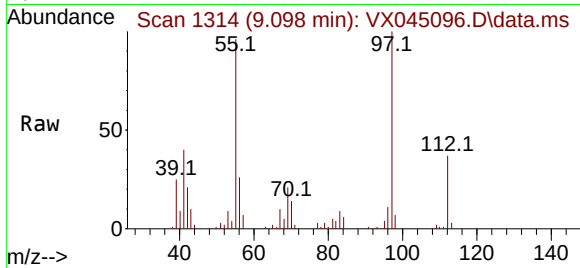




#55  
 1,1,2-Trichloroethane  
 Concen: 22.288 ug/l  
 RT: 9.098 min Scan# 1314  
 Delta R.T. -0.049 min  
 Lab File: VX045096.D  
 Acq: 28 Feb 2025 18:04

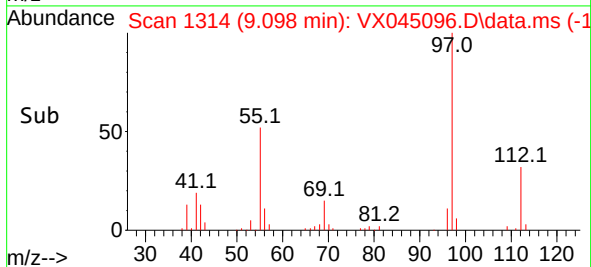
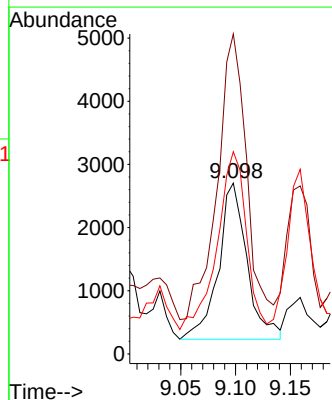
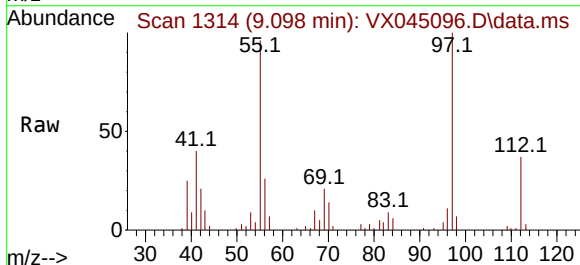
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW2

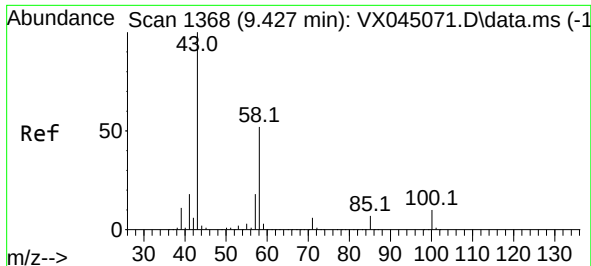
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 20154  |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 6.7   | 69.4  | 104.2# |
| 85       | 0.0   | 44.1  | 66.1#  |
| 99       | 0.0   | 50.7  | 76.1#  |



#56  
 Ethyl methacrylate  
 Concen: 3.271 ug/l  
 RT: 9.098 min Scan# 1314  
 Delta R.T. -0.018 min  
 Lab File: VX045096.D  
 Acq: 28 Feb 2025 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 4496  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 192.6 | 57.0  | 85.4# |
| 39       | 114.9 | 34.2  | 51.4# |

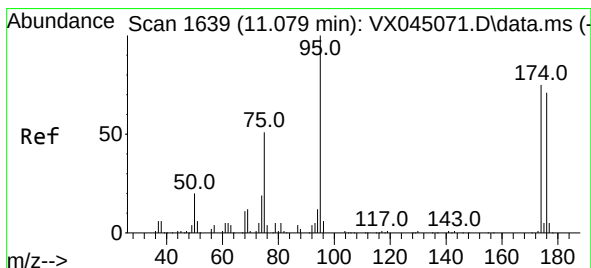
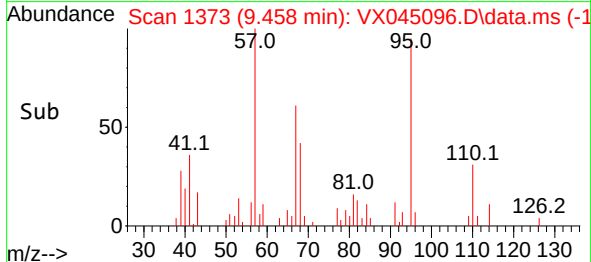
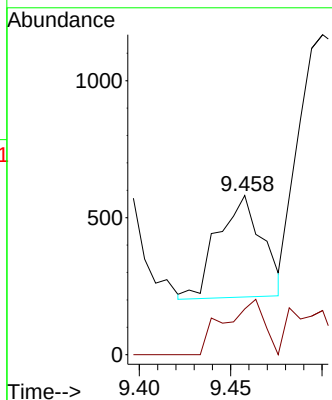
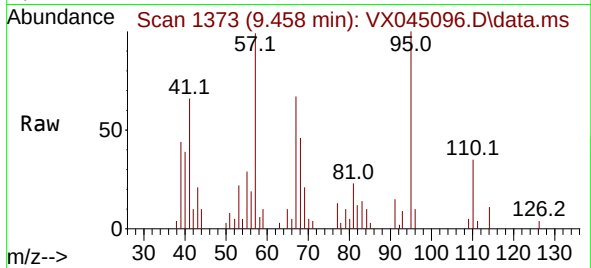




#59  
2-Hexanone  
Concen: 0.571 ug/l  
RT: 9.458 min Scan# 11  
Delta R.T. 0.030 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

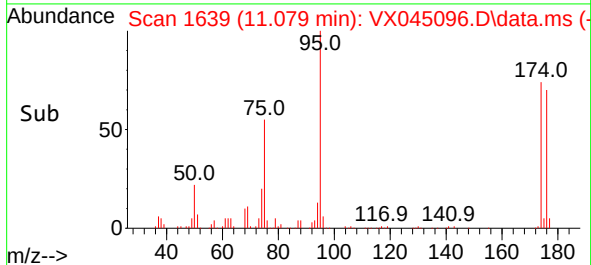
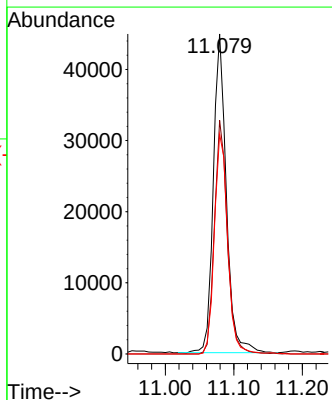
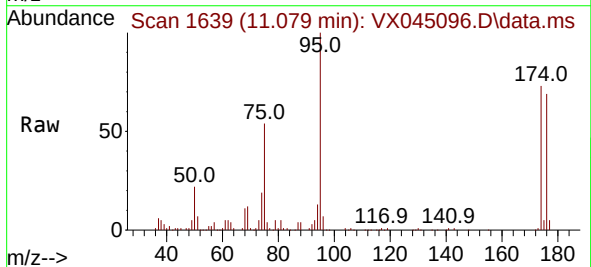
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

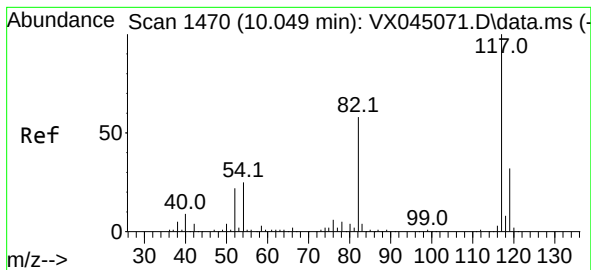
Tgt Ion: 43 Resp: 627  
Ion Ratio Lower Upper  
43 100  
58 48.6 25.9 77.6



#62  
4-Bromofluorobenzene  
Concen: 56.777 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 95 Resp: 58965  
Ion Ratio Lower Upper  
95 100  
174 72.7 0.0 148.2  
176 70.4 0.0 141.4

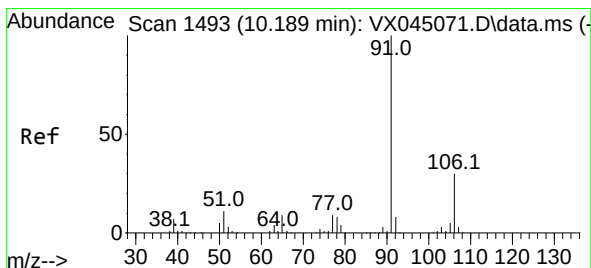
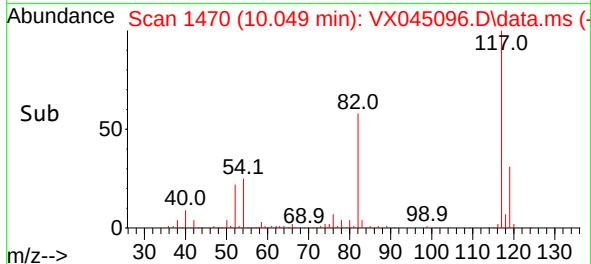
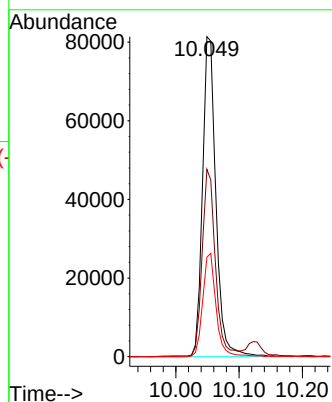
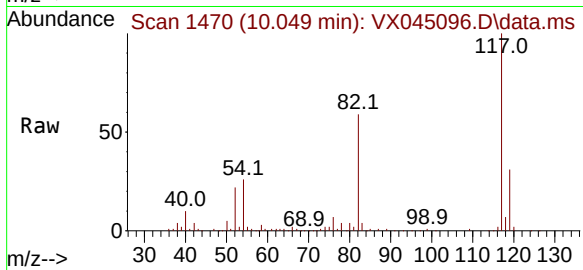




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

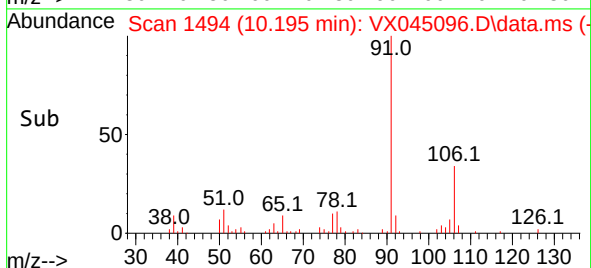
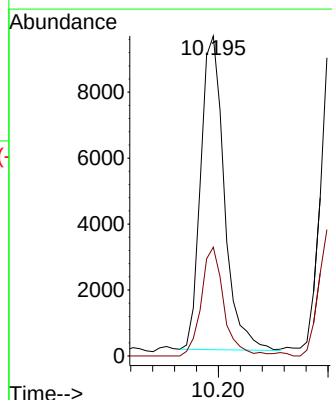
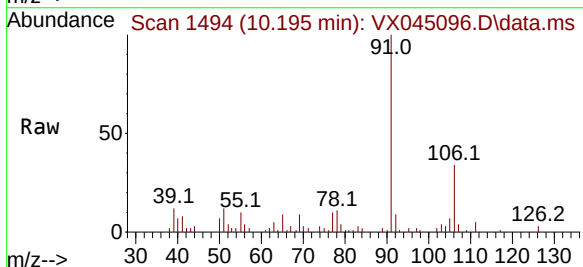
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

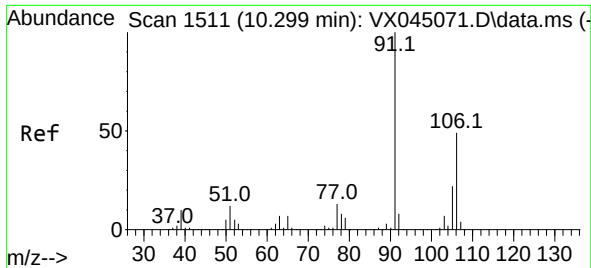
Tgt Ion:117 Resp: 120205  
Ion Ratio Lower Upper  
117 100  
82 58.3 46.3 69.5  
119 31.1 25.7 38.5



#67  
Ethyl Benzene  
Concen: 3.204 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 91 Resp: 14198  
Ion Ratio Lower Upper  
91 100  
106 34.7 23.9 35.9

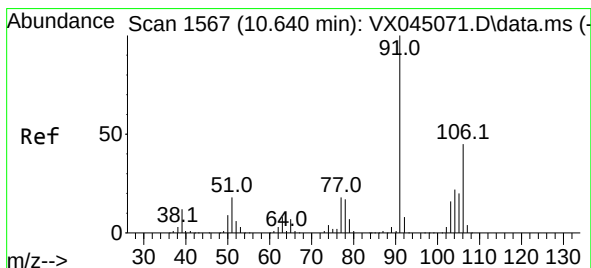
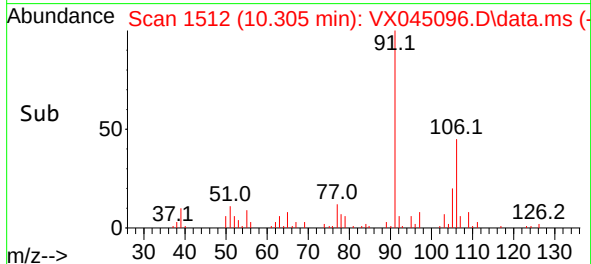
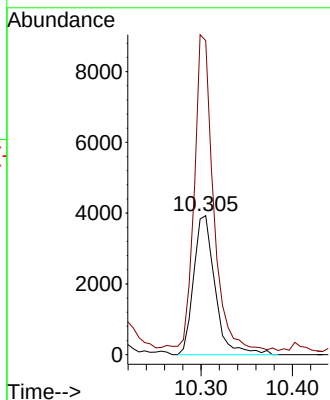
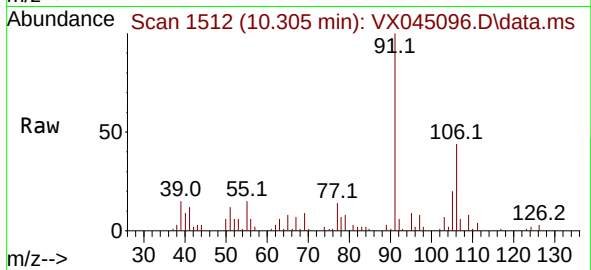




#68  
m/p-Xylenes  
Concen: 3.944 ug/l  
RT: 10.305 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

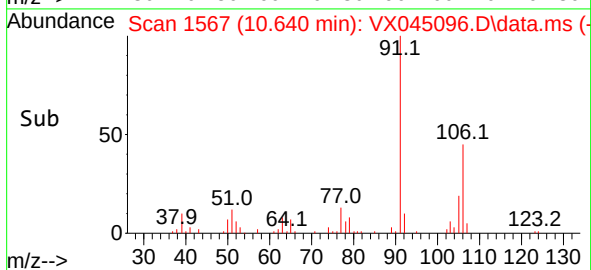
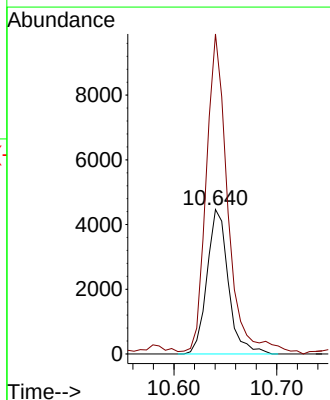
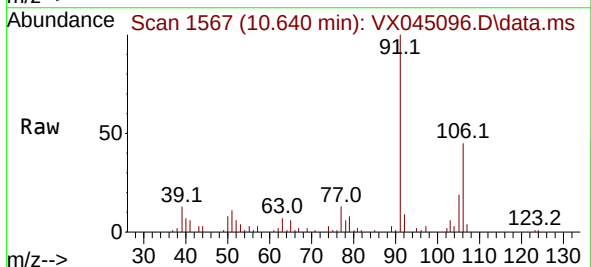
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

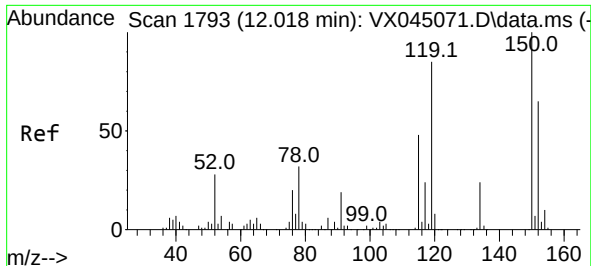
Tgt Ion:106 Resp: 6398  
Ion Ratio Lower Upper  
106 100  
91 204.5 165.4 248.0



#69  
o-Xylene  
Concen: 3.932 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion:106 Resp: 6434  
Ion Ratio Lower Upper  
106 100  
91 225.8 109.9 329.6

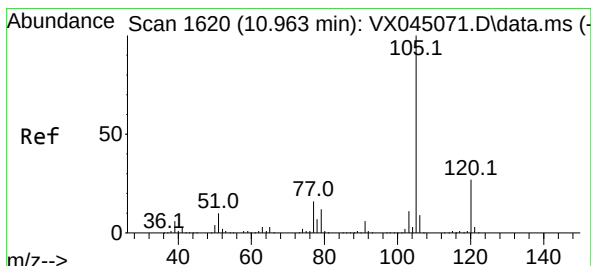
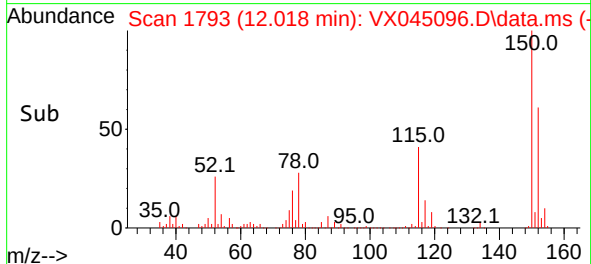
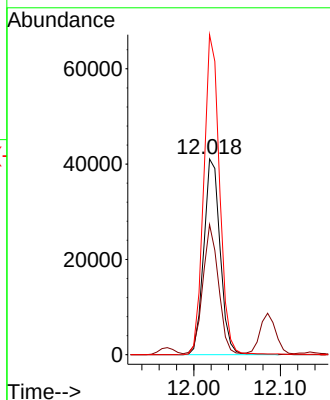
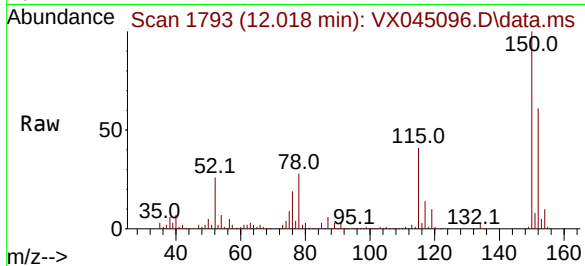




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

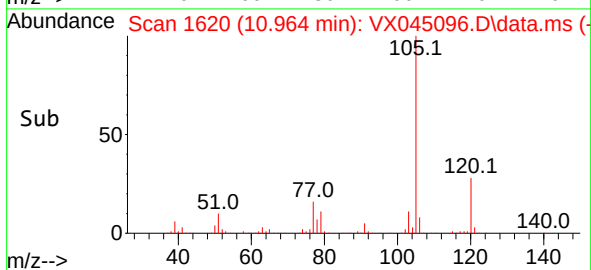
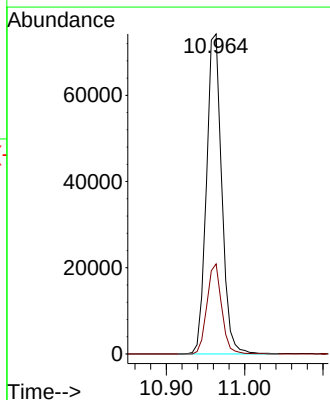
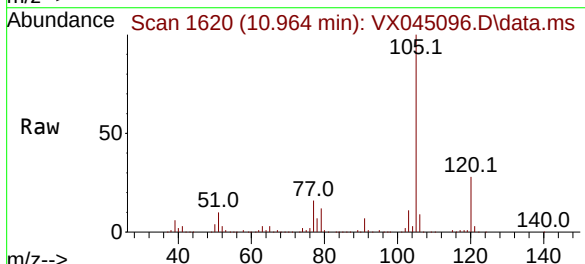
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

Tgt Ion:152 Resp: 53843  
Ion Ratio Lower Upper  
152 100  
115 63.5 44.2 132.6  
150 158.6 0.0 349.0

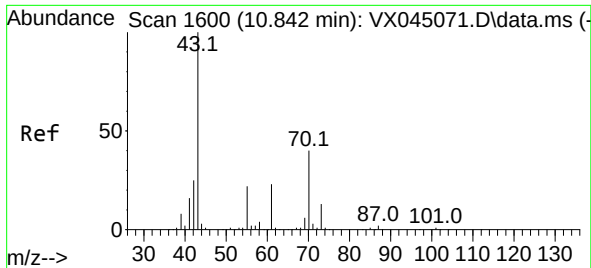


#73  
Isopropylbenzene  
Concen: 23.912 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion:105 Resp: 100492  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.2 39.5



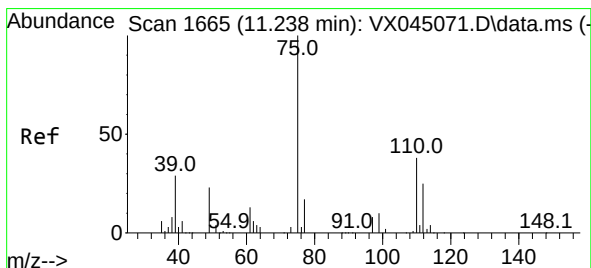
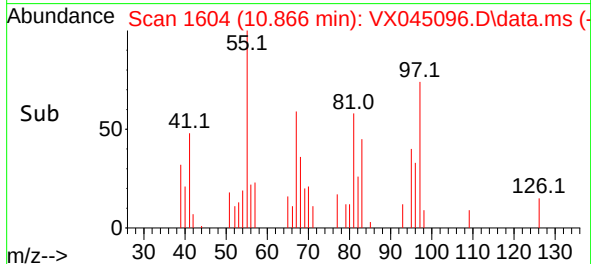
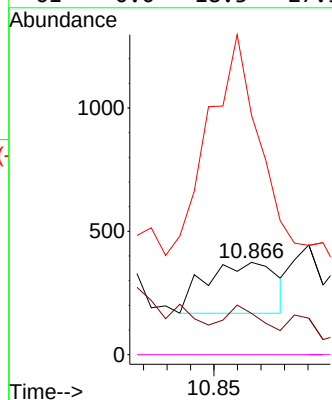
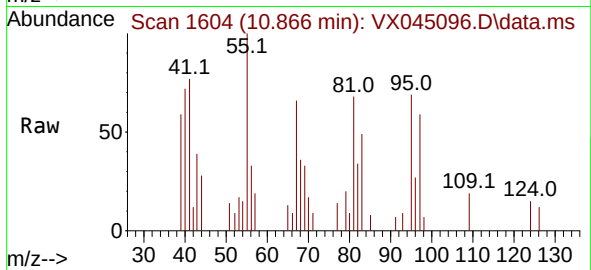




#74  
N-amy1 acetate  
Concen: 0.218 ug/l  
RT: 10.866 min Scan# 1604  
Delta R.T. 0.024 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

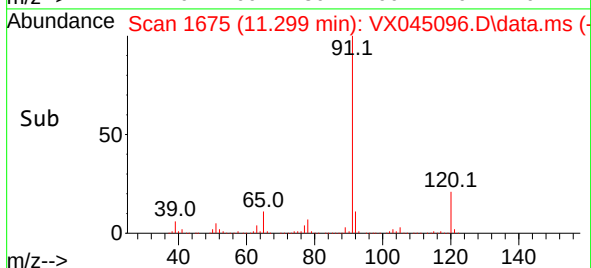
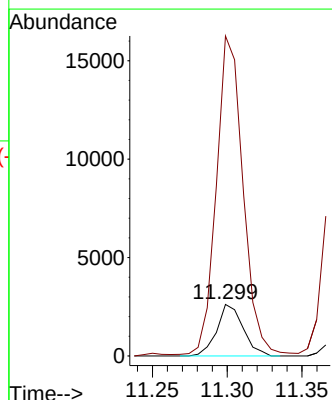
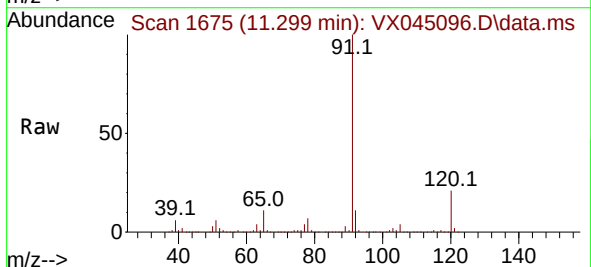
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

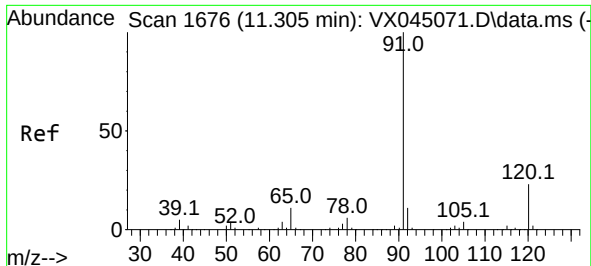
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 429   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 20.7     | 31.8 47.6#  |
| 55 531.9    | 18.3 27.5#  |
| 61 0.0      | 18.3 27.5#  |



#76  
1,2,3-Trichloropropane  
Concen: 2.555 ug/l  
RT: 11.299 min Scan# 1675  
Delta R.T. 0.061 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 75 | Resp: 3202 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 75 100      |            |       |  |
| 77 623.9    | 20.7       | 62.1# |  |

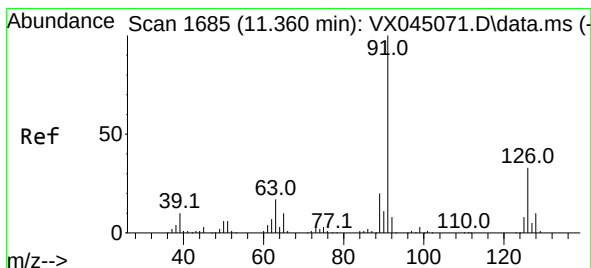
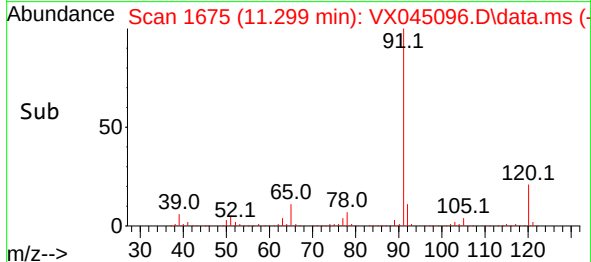
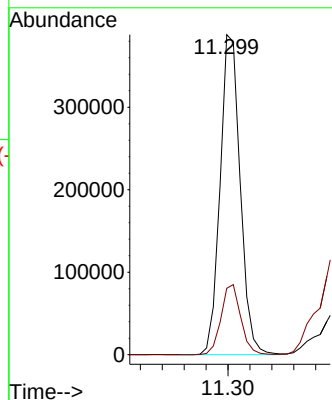
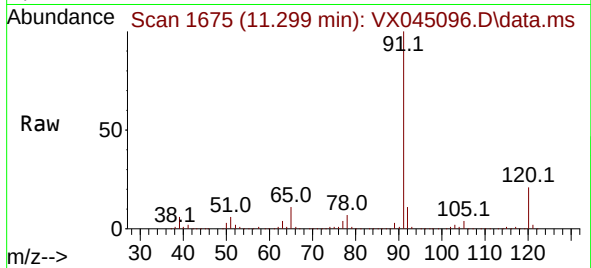




#78  
n-propylbenzene  
Concen: 104.238 ug/l  
RT: 11.299 min Scan# 1675  
Delta R.T. -0.006 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

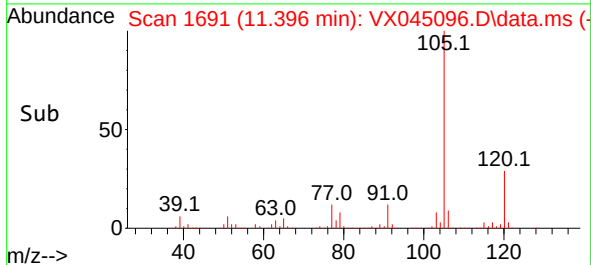
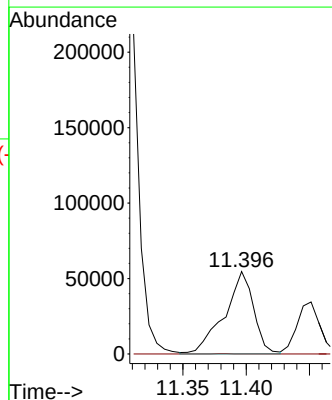
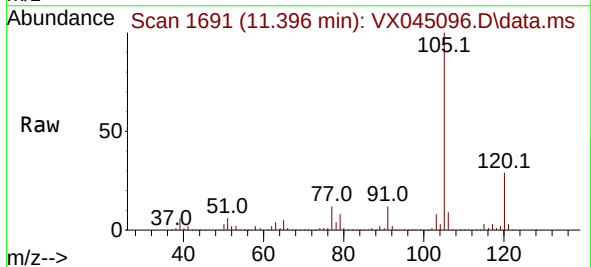
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

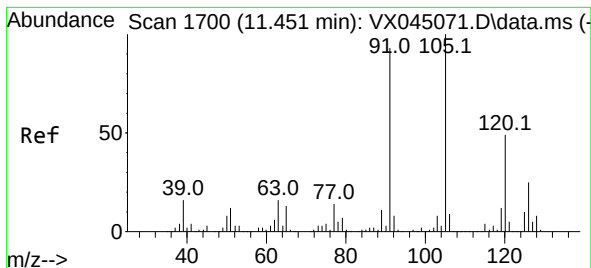
Tgt Ion: 91 Resp: 494860  
Ion Ratio Lower Upper  
91 100  
120 21.5 11.2 33.6



#79  
2-Chlorotoluene  
Concen: 29.081 ug/l  
RT: 11.396 min Scan# 1691  
Delta R.T. 0.037 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 91 Resp: 87925  
Ion Ratio Lower Upper  
91 100  
126 0.1 16.4 49.4#





#80

1,3,5-Trimethylbenzene

Concen: 114.020 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

Instrument :

MSVOA\_X

ClientSampleId :

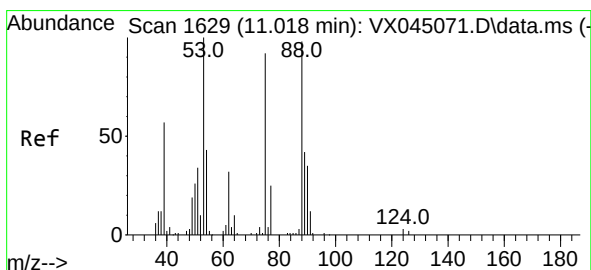
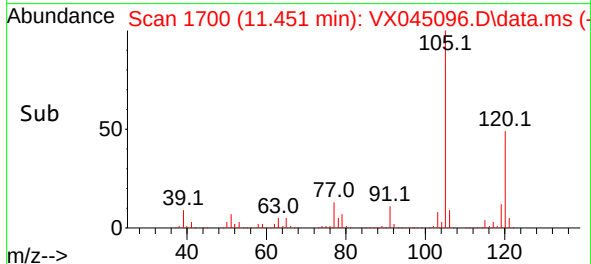
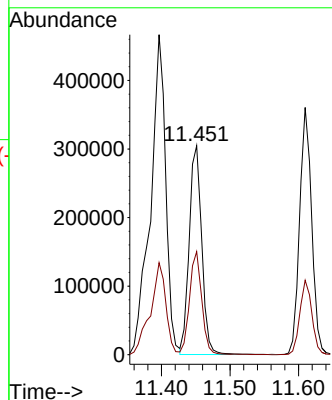
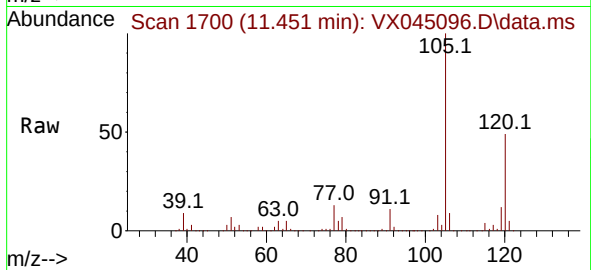
MW2

Tgt Ion:105 Resp: 387454

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2



#81

trans-1,4-Dichloro-2-butene

Concen: 85.970 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

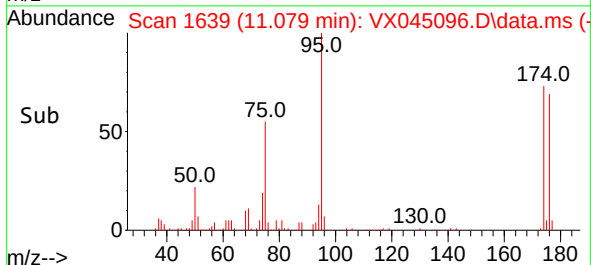
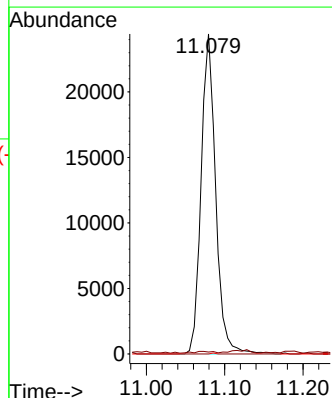
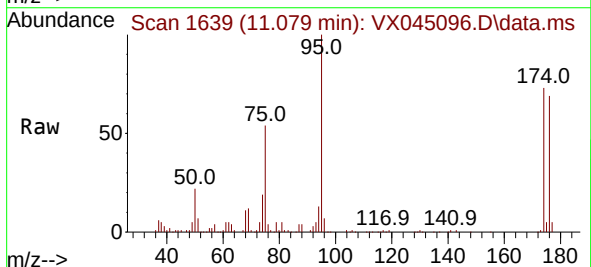
Tgt Ion: 75 Resp: 31482

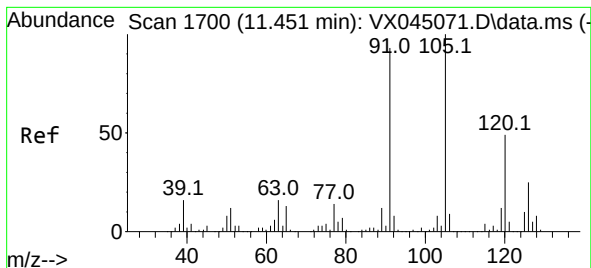
Ion Ratio Lower Upper

75 100

53 0.7 88.5 132.7#

89 0.0 36.2 54.4#





#82

4-Chlorotoluene

Concen: 13.239 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

Instrument :

MSVOA\_X

ClientSampleId :

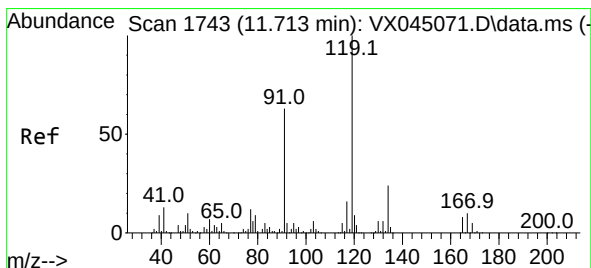
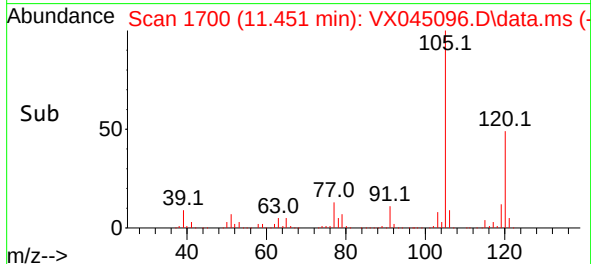
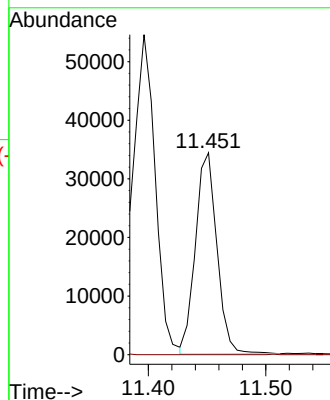
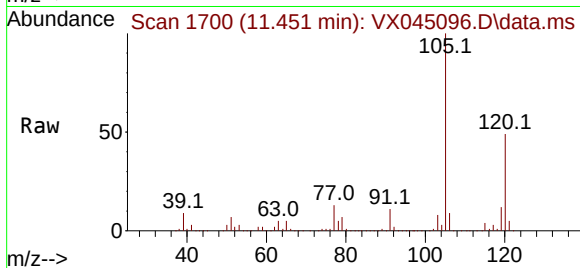
MW2

Tgt Ion: 91 Resp: 43624

Ion Ratio Lower Upper

91 100

126 0.0 14.1 42.4#



#83

tert-Butylbenzene

Concen: 46.329 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

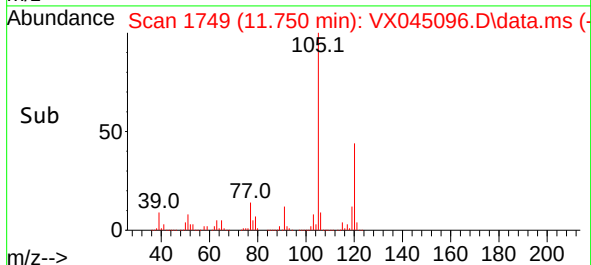
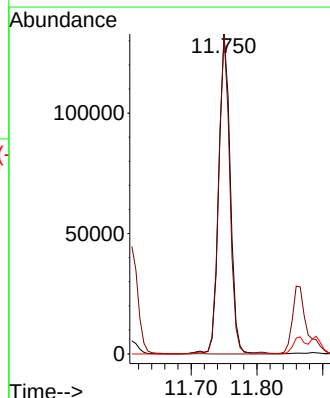
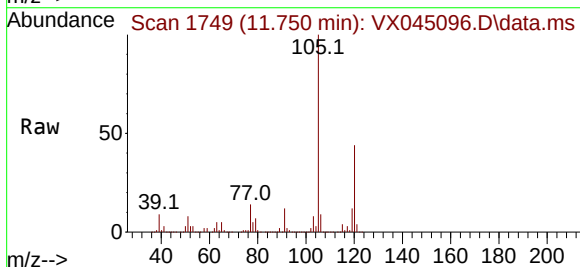
Tgt Ion: 119 Resp: 161757

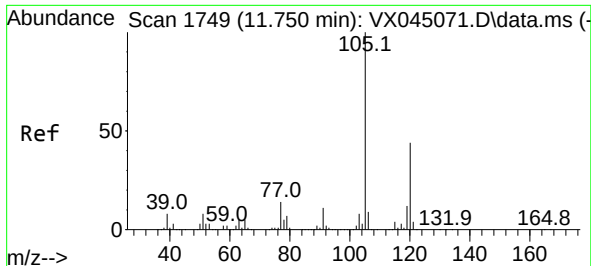
Ion Ratio Lower Upper

119 100

91 96.5 30.7 92.1#

134 0.0 11.7 35.0#

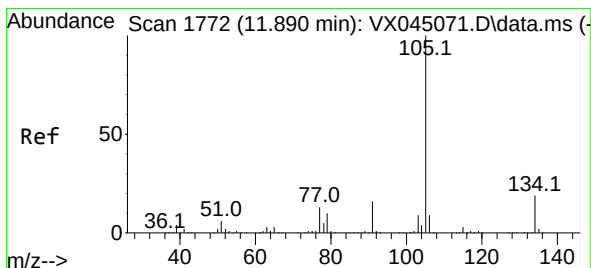
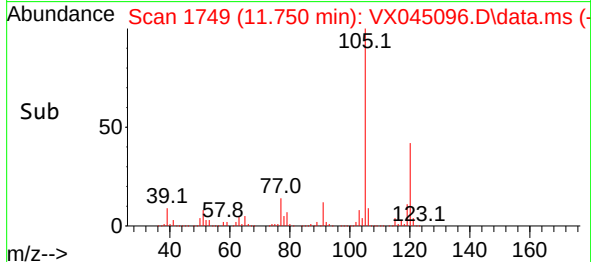
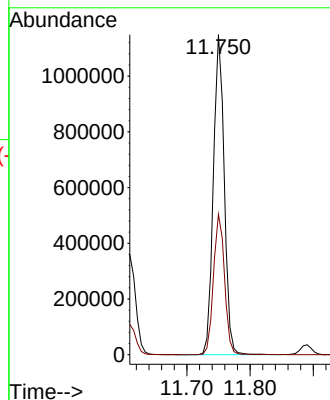
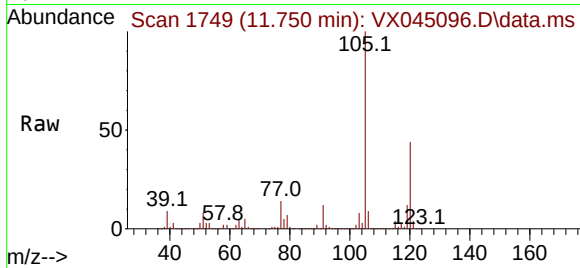




#84  
1,2,4-Trimethylbenzene  
Concen: 402.383 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

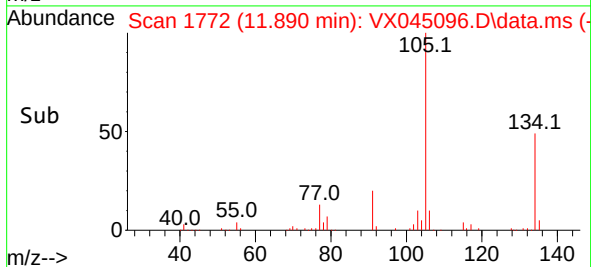
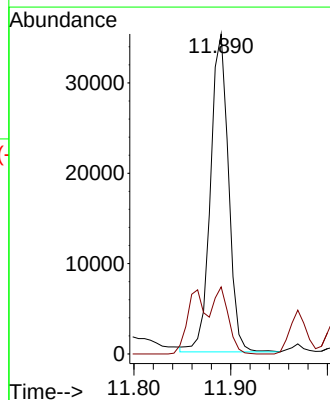
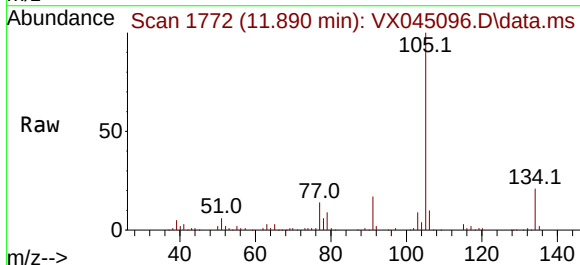
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

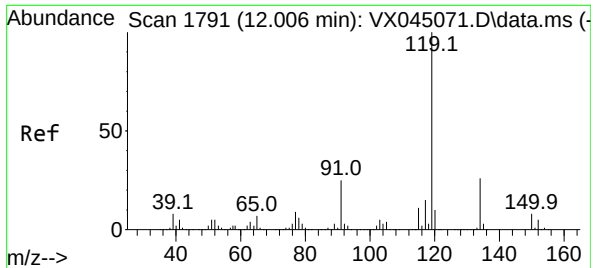
Tgt Ion:105 Resp: 1375816  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.1 66.1



#85  
sec-Butylbenzene  
Concen: 10.864 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion:105 Resp: 45438  
Ion Ratio Lower Upper  
105 100  
134 17.0 9.8 29.4

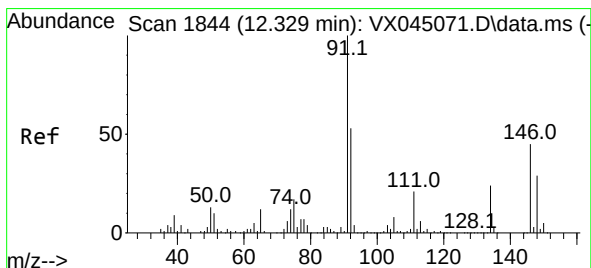
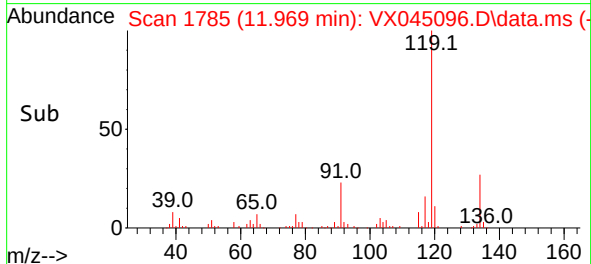
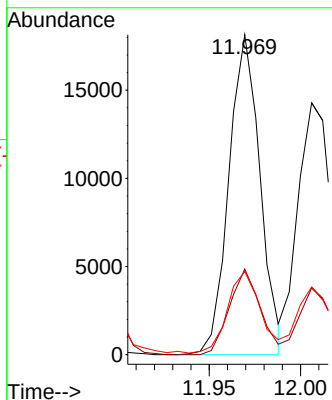
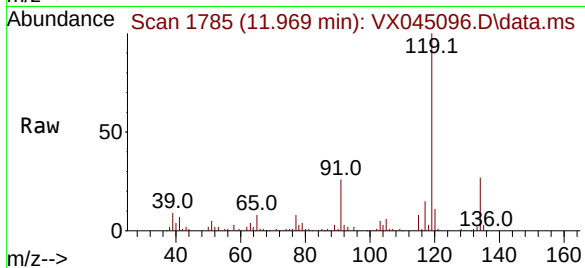




#86  
p-Isopropyltoluene  
Concen: 6.377 ug/l  
RT: 11.969 min Scan# 11  
Delta R.T. -0.037 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

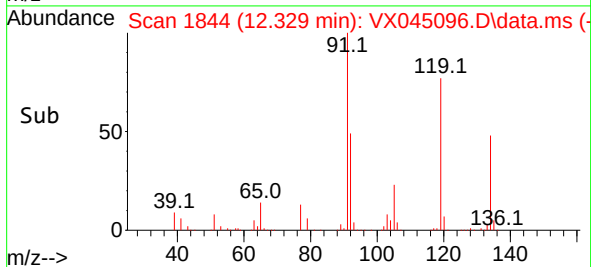
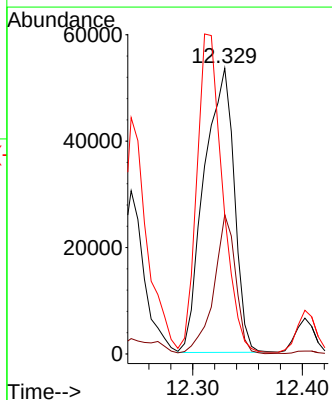
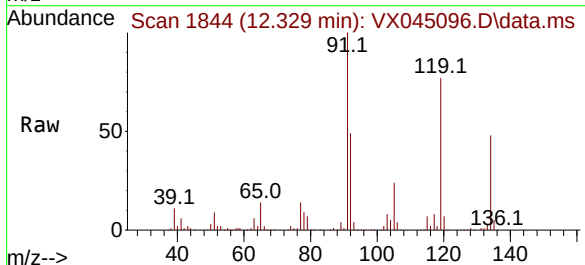
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

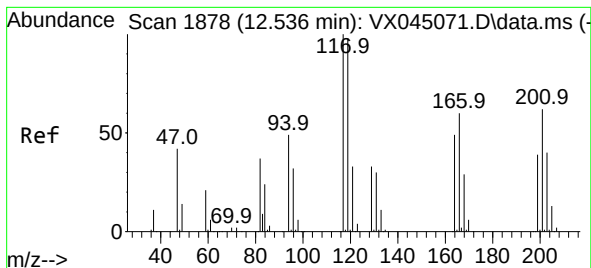
Tgt Ion:119 Resp: 21555  
Ion Ratio Lower Upper  
119 100  
134 26.6 12.9 38.6  
91 26.7 12.7 38.0



#89  
n-Butylbenzene  
Concen: 34.989 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Tgt Ion: 91 Resp: 101856  
Ion Ratio Lower Upper  
91 100  
92 35.6 26.7 80.0  
134 95.5 12.2 36.6#





#90

Hexachloroethane

Concen: 45.547 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

Instrument :

MSVOA\_X

ClientSampleId :

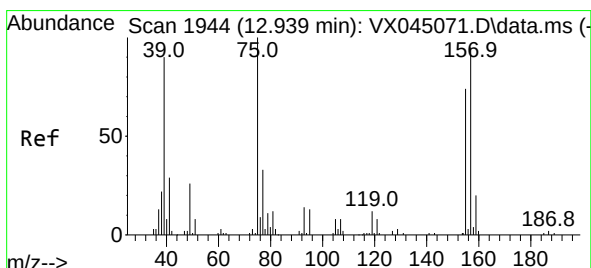
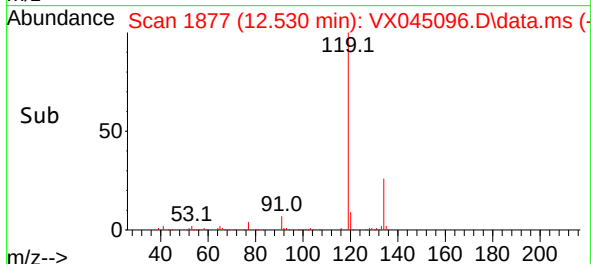
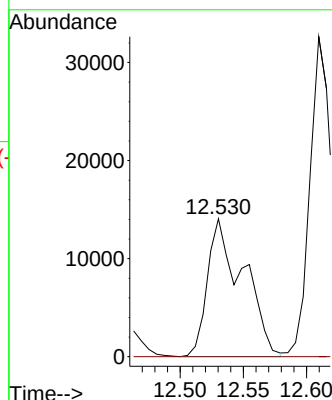
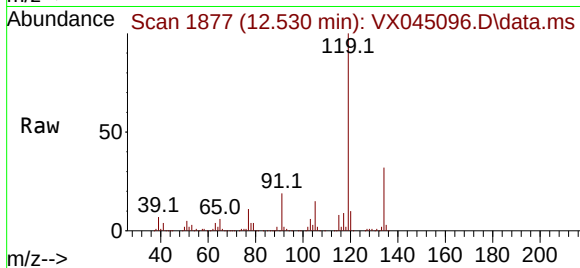
MW2

Tgt Ion:117 Resp: 27845

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.683 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX045096.D

Acq: 28 Feb 2025 18:04

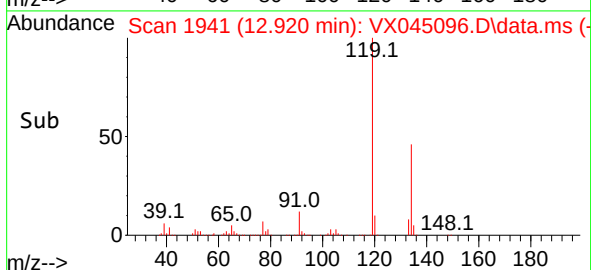
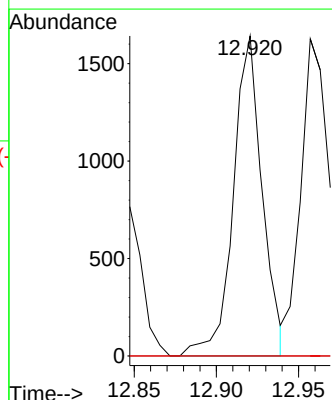
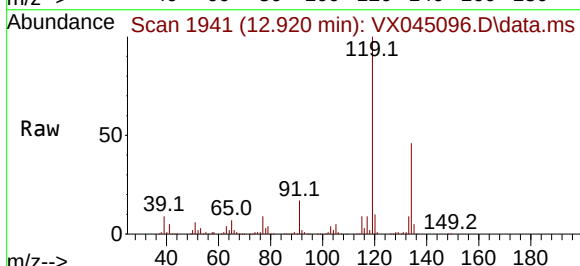
Tgt Ion: 75 Resp: 2008

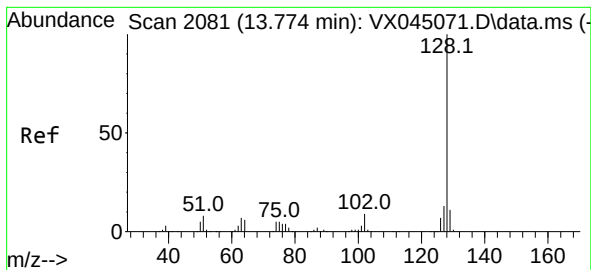
Ion Ratio Lower Upper

75 100

155 0.0 39.6 118.7#

157 0.0 51.1 153.4#





#95  
Naphthalene  
Concen: 3.125 ug/l  
RT: 13.774 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX045096.D  
Acq: 28 Feb 2025 18:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 19.2  | 10.3  | 15.5# |
| 129     | 15.1  | 8.7   | 13.1# |

