

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092225\  
 Data File : VX047712.D  
 Acq On : 22 Sep 2025 17:56  
 Operator : JC/MD  
 Sample : Q3136-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 34926

Quant Time: Sep 23 01:40:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.538  | 168   | 135136   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.751  | 114   | 280682   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.037 | 117   | 277910   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006 | 152   | 140344   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.940  | 65    | 105751   | 49.163   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 98.320%  |
| 35) Dibromofluoromethane      | 5.373  | 113   | 86999    | 46.217   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 92.440%  |
| 50) Toluene-d8                | 8.635  | 98    | 308774   | 47.405   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 94.820%  |
| 62) 4-Bromofluorobenzene      | 11.067 | 95    | 134297   | 54.327   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 108.660% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 8) Diethyl Ether              | 2.136  | 74    | 232      | 0.212    | ug/l # | 1        |
| 11) Tert butyl alcohol        | 2.941  | 59    | 6942     | 28.977   | ug/l   | 97       |
| 13) Acrolein                  | 2.239  | 56    | 722      | 3.270    | ug/l # | 49       |
| 14) Allyl chloride            | 2.630  | 41    | 835      | 0.252    | ug/l # | 24       |
| 15) Acrylonitrile             | 3.069  | 53    | 189      | 0.213    | ug/l # | 8        |
| 16) Acetone                   | 2.374  | 43    | 55411    | 59.246   | ug/l   | 100      |
| 17) Carbon Disulfide          | 2.520  | 76    | 5559     | 1.265    | ug/l   | 98       |
| 18) Methyl Acetate            | 2.697  | 43    | 12894    | 6.195    | ug/l   | 98       |
| 20) Methylene Chloride        | 2.788  | 84    | 37318    | 18.850   | ug/l   | 97       |
| 25) 2-Butanone                | 4.550  | 43    | 15146    | 12.983   | ug/l   | 94       |
| 29) Tetrahydrofuran           | 4.995  | 42    | 1076     | 1.533    | ug/l # | 39       |
| 36) 1,1-Dichloropropene       | 5.538  | 75    | 11634    | 4.230    | ug/l # | 51       |
| 37) Ethyl Acetate             | 4.715  | 43    | 8344     | 2.833    | ug/l # | 95       |
| 38) Carbon Tetrachloride      | 5.544  | 117   | 14520    | 4.858    | ug/l # | 18       |
| 40) Benzene                   | 6.025  | 78    | 370860   | 44.391   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.025  | 62    | 3167     | 0.996    | ug/l # | 76       |
| 43) Isopropyl Acetate         | 6.330  | 43    | 11984    | 2.481    | ug/l # | 94       |
| 48) Methyl methacrylate       | 7.781  | 41    | 61469    | 25.548   | ug/l # | 46       |
| 49) 1,4-Dioxane               | 7.671  | 88    | 45       | 1.851    | ug/l # | 21       |
| 51) 4-Methyl-2-Pentanone      | 8.537  | 43    | 77327    | 28.874   | ug/l # | 47       |
| 52) Toluene                   | 8.702  | 92    | 212806   | 41.345   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.537  | 75    | 32176    | 9.187    | ug/l # | 59       |
| 55) 1,1,2-Trichloroethane     | 9.000  | 97    | 930      | 0.469    | ug/l # | 18       |
| 57) 1,3-Dichloropropane       | 9.470  | 76    | 2013     | 0.590    | ug/l # | 42       |
| 58) 2-Chloroethyl Vinyl ether | 8.397  | 63    | 59       | 7.932    | ug/l # | 47       |
| 59) 2-Hexanone                | 9.470  | 43    | 28758    | 14.952   | ug/l # | 61       |
| 67) Ethyl Benzene             | 10.177 | 91    | 31008    | 2.846    | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.287 | 106   | 59519    | 14.679   | ug/l   | 99       |
| 69) o-Xylene                  | 10.628 | 106   | 41156    | 10.494   | ug/l   | 100      |
| 70) Styrene                   | 10.640 | 104   | 17970    | 2.615    | ug/l # | 69       |
| 74) N-amyl acetate            | 10.842 | 43    | 1587     | 0.326    | ug/l # | 5        |
| 76) 1,2,3-Trichloropropane    | 11.061 | 75    | 68474    | 24.098   | ug/l # | 39       |
| 78) n-propylbenzene           | 11.287 | 91    | 2556     | 0.203    | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91    | 1580     | 0.205    | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105   | 12277    | 1.400    | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 11.061 | 75    | 68474    | 61.452   | ug/l # | 8        |

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Sample : Q3136-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Time: Sep 23 01:40:08 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration

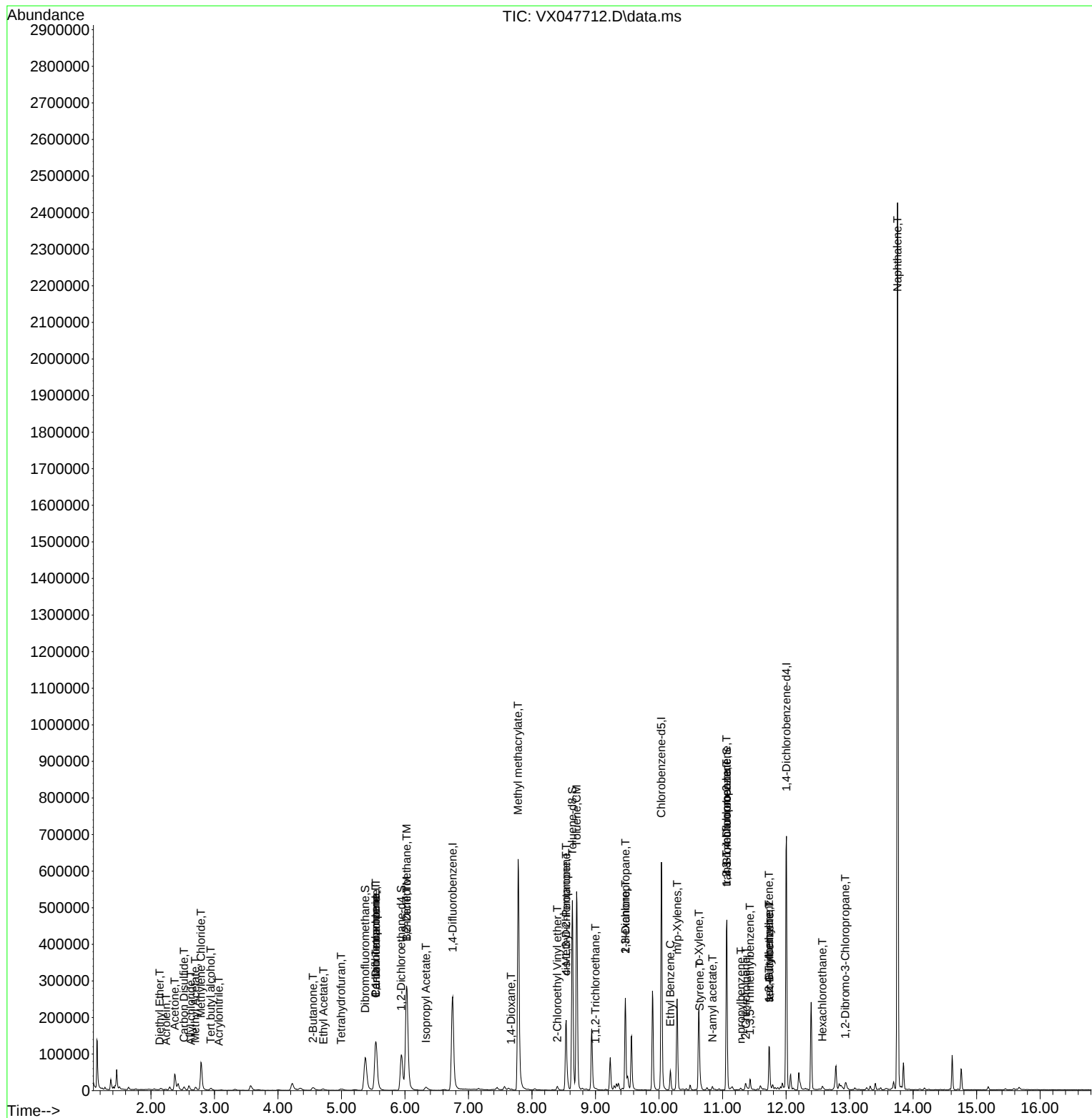
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 83) tert-Butylbenzene         | 11.738 | 119  | 3311     | 0.369   | ug/l # | 54       |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 45891    | 5.164   | ug/l   | 71       |
| 85) sec-Butylbenzene          | 11.732 | 105  | 45891    | 4.305   | ug/l # | 57       |
| 90) Hexachloroethane          | 12.573 | 117  | 319      | 0.201   | ug/l # | 16       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.933 | 75   | 238      | 0.364   | ug/l # | 5        |
| 95) Naphthalene               | 13.756 | 128  | 1418349  | 154.119 | ug/l   | 100      |

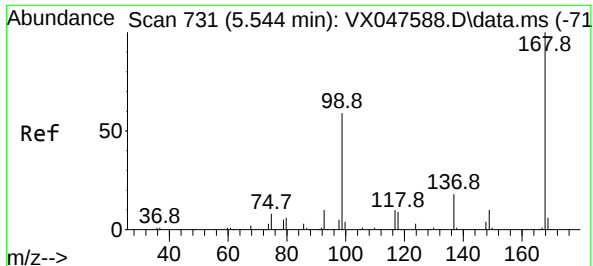
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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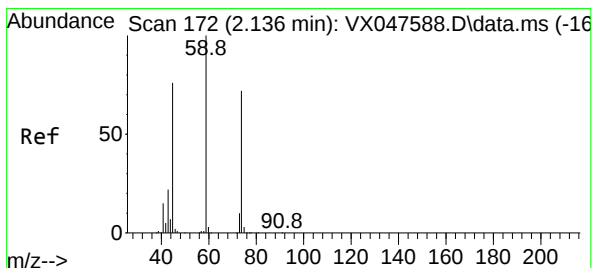
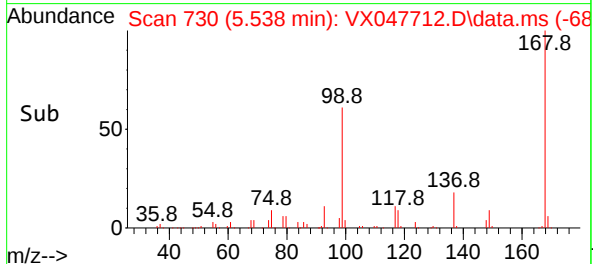
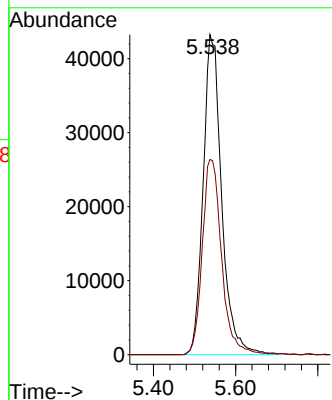
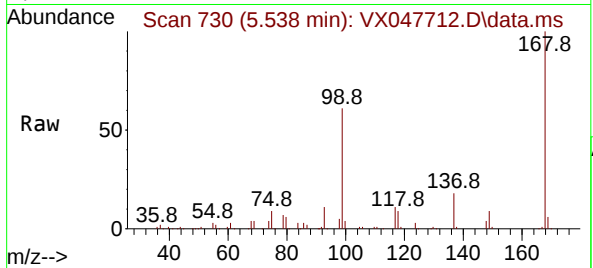




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

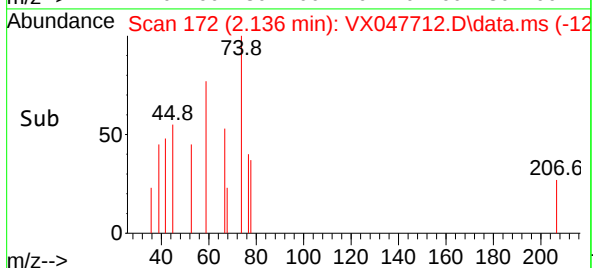
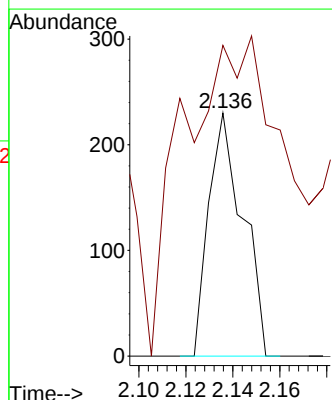
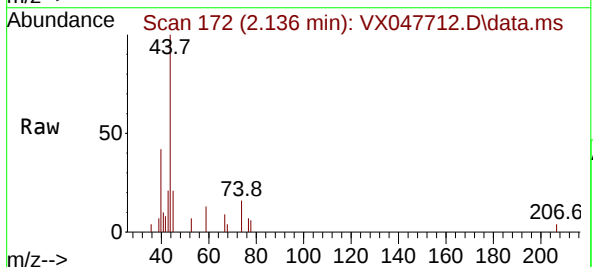
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

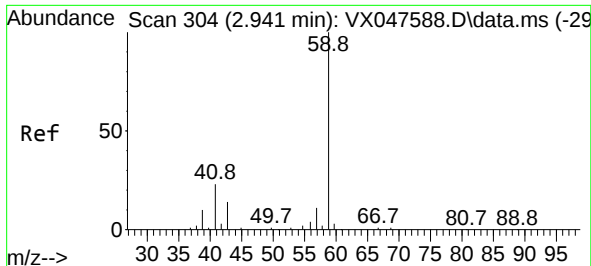
Tgt Ion:168 Resp: 135136  
Ion Ratio Lower Upper  
168 100  
99 61.0 48.8 73.2



#8  
Diethyl Ether  
Concen: 0.212 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 74 Resp: 232  
Ion Ratio Lower Upper  
74 100  
45 387.5 52.3 156.8#





#11

Tert butyl alcohol

Concen: 28.977 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.000 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

Instrument :

MSVOA\_X

ClientSampleId :

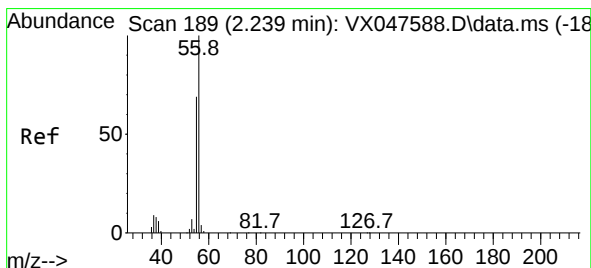
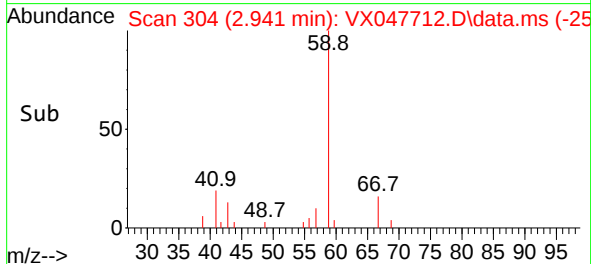
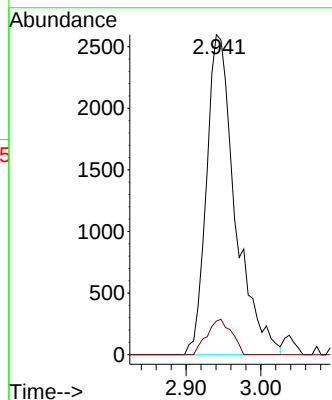
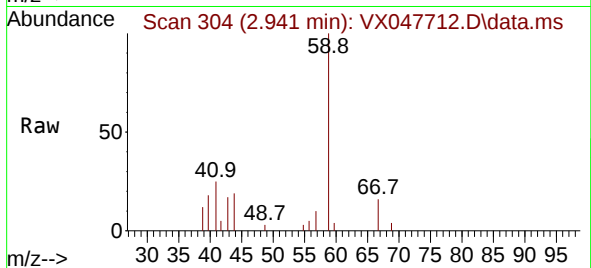
34926

Tgt Ion: 59 Resp: 6942

Ion Ratio Lower Upper

59 100

57 9.4 8.3 12.5



#13

Acrolein

Concen: 3.270 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX047712.D

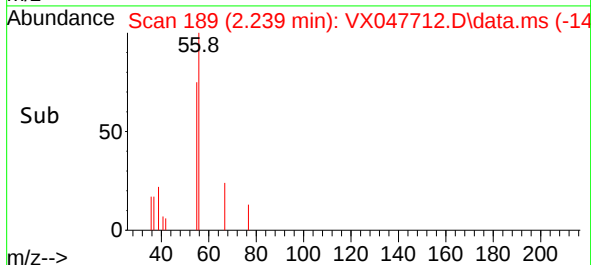
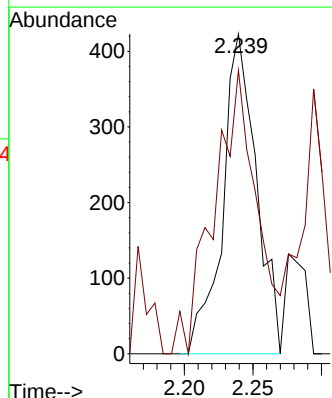
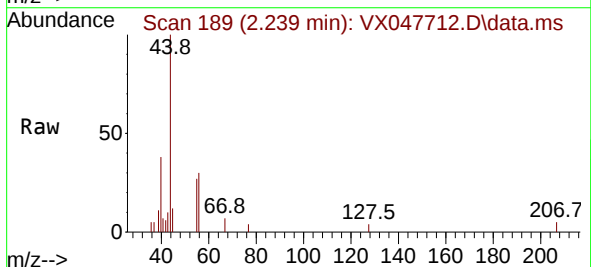
Acq: 22 Sep 2025 17:56

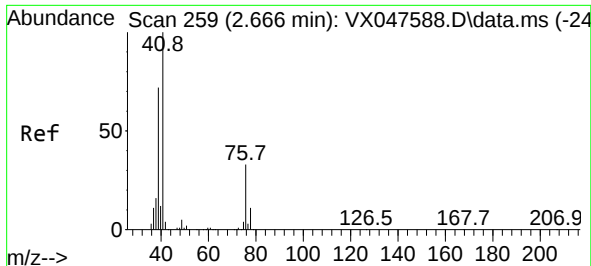
Tgt Ion: 56 Resp: 722

Ion Ratio Lower Upper

56 100

55 113.9 57.2 85.8#

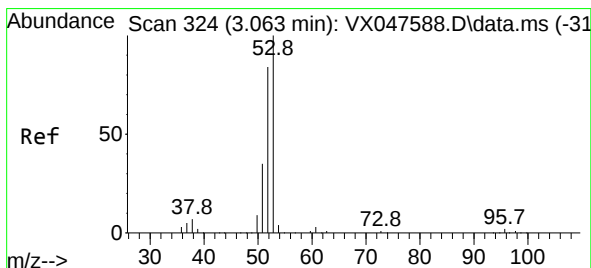
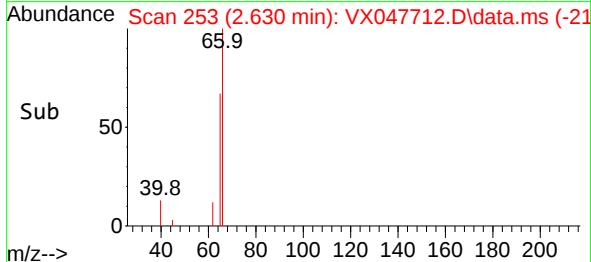
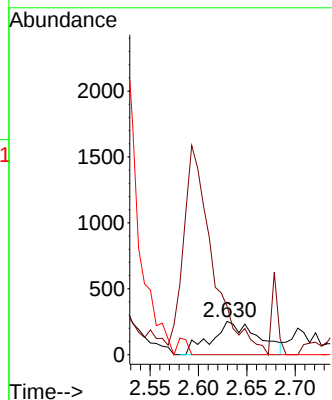
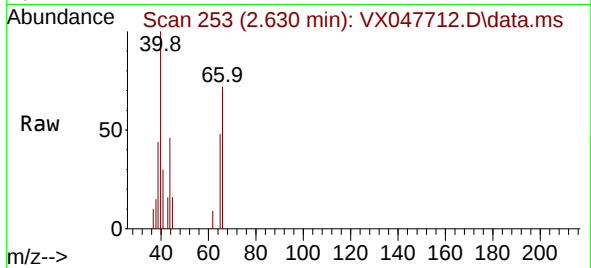




#14  
 Allyl chloride  
 Concen: 0.252 ug/l  
 RT: 2.630 min Scan# 21  
 Delta R.T. -0.037 min  
 Lab File: VX047712.D  
 Acq: 22 Sep 2025 17:56

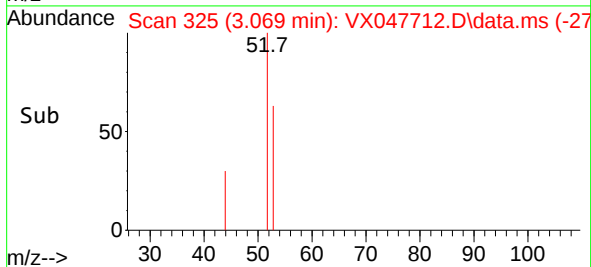
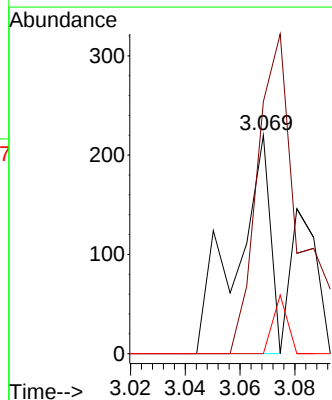
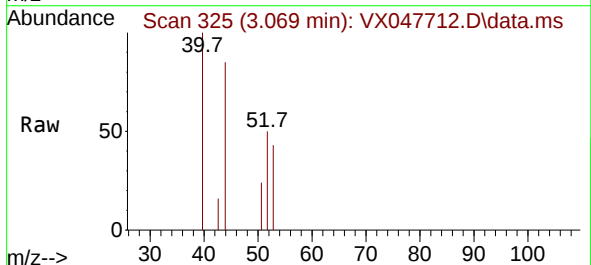
Instrument :  
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 ClientSampleId :  
 34926

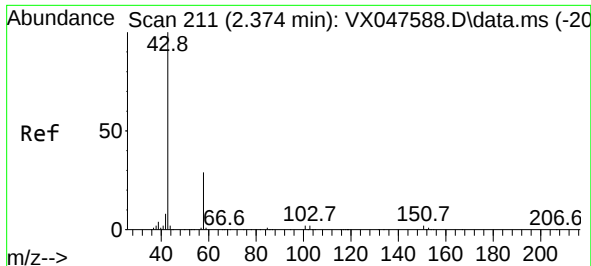
Tgt Ion: 41 Resp: 835  
 Ion Ratio Lower Upper  
 41 100  
 39 0.0 54.7 82.1#  
 76 0.0 25.7 38.5#



#15  
 Acrylonitrile  
 Concen: 0.213 ug/l  
 RT: 3.069 min Scan# 325  
 Delta R.T. 0.006 min  
 Lab File: VX047712.D  
 Acq: 22 Sep 2025 17:56

Tgt Ion: 53 Resp: 189  
 Ion Ratio Lower Upper  
 53 100  
 52 177.2 66.4 99.6#  
 51 0.0 29.5 44.3#

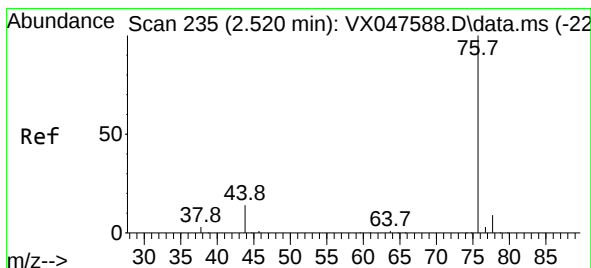
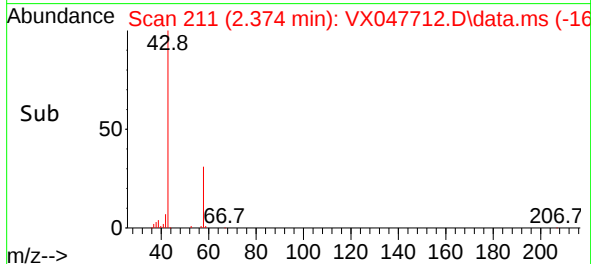
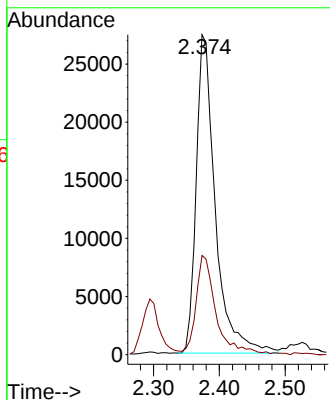
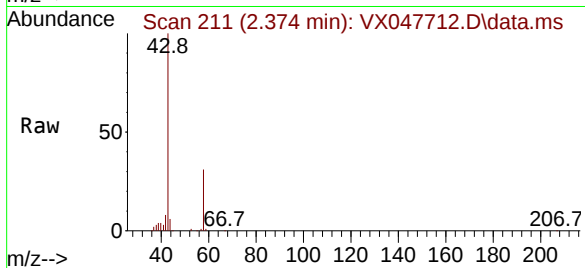




#16  
Acetone  
Concen: 59.246 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

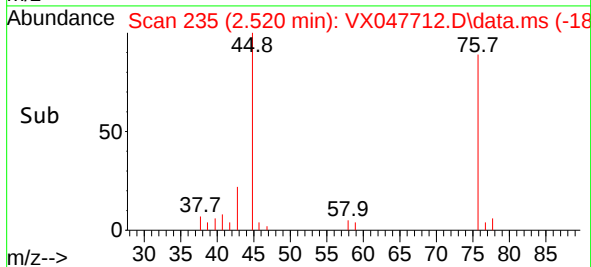
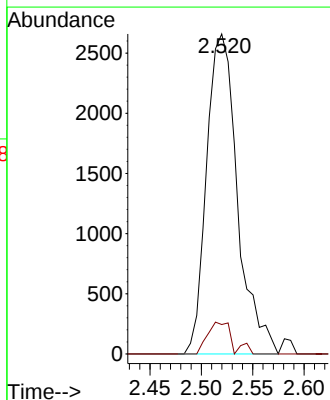
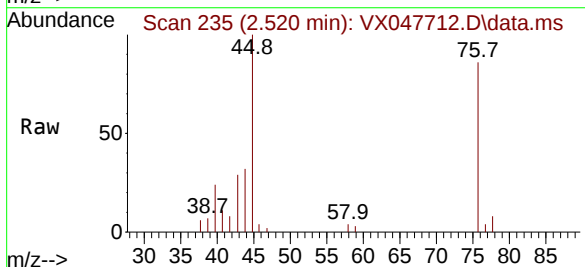
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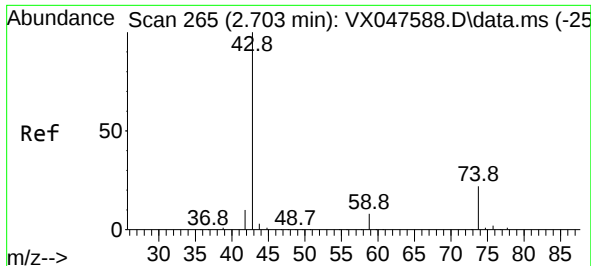
Tgt Ion: 43 Resp: 55411  
Ion Ratio Lower Upper  
43 100  
58 29.3 23.4 35.0



#17  
Carbon Disulfide  
Concen: 1.265 ug/l  
RT: 2.520 min Scan# 235  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 76 Resp: 5559  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.8 10.2

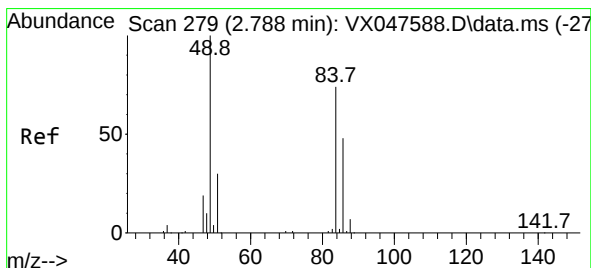
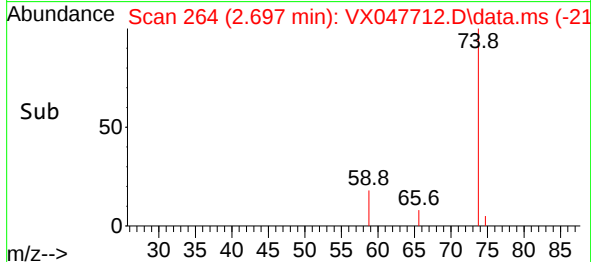
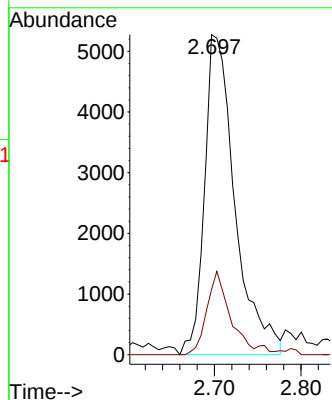
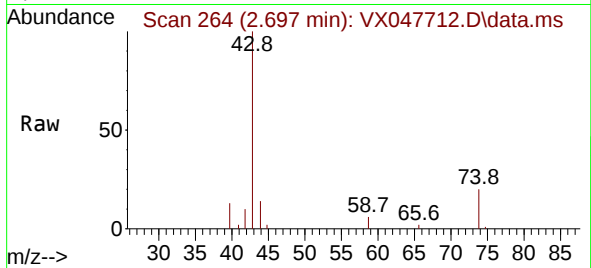




#18  
Methyl Acetate  
Concen: 6.195 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.006 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

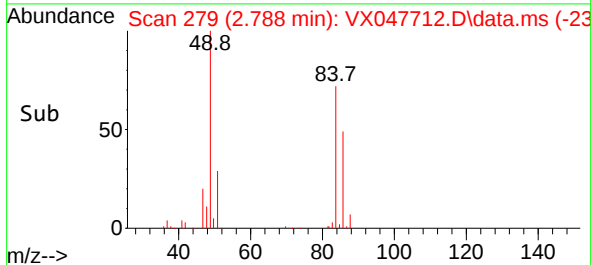
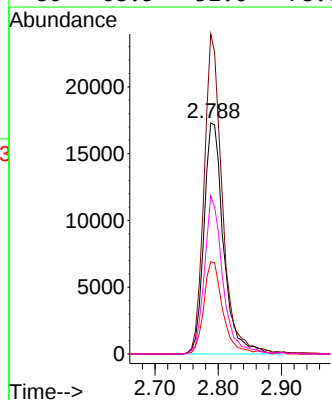
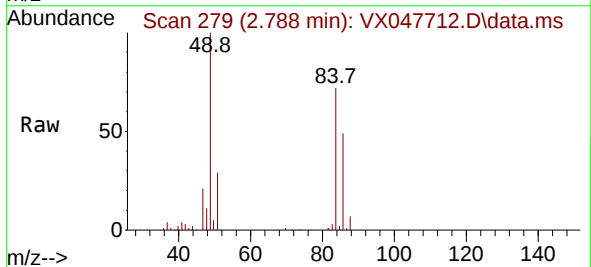
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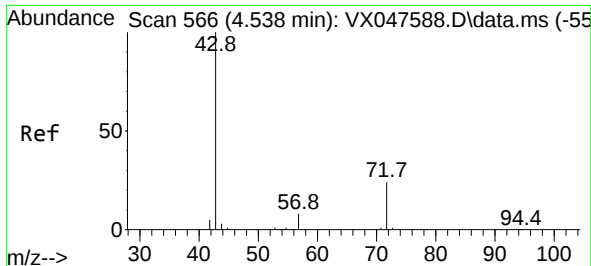
Tgt Ion: 43 Resp: 12894  
Ion Ratio Lower Upper  
43 100  
74 20.9 17.4 26.2



#20  
Methylene Chloride  
Concen: 18.850 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 84 Resp: 37318  
Ion Ratio Lower Upper  
84 100  
49 138.5 108.6 162.8  
51 39.9 32.6 48.8  
86 68.5 52.0 78.0





#25

2-Butanone

Concen: 12.983 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

Instrument :

MSVOA\_X

ClientSampleId :

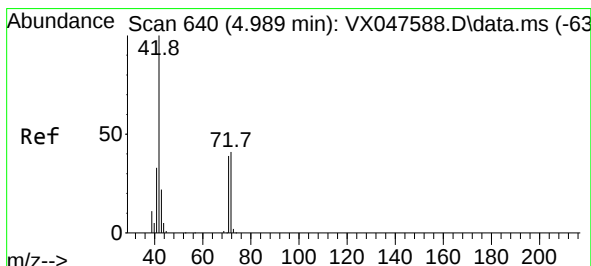
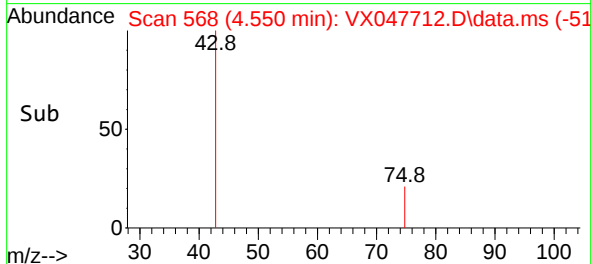
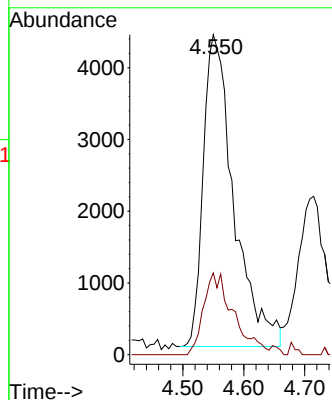
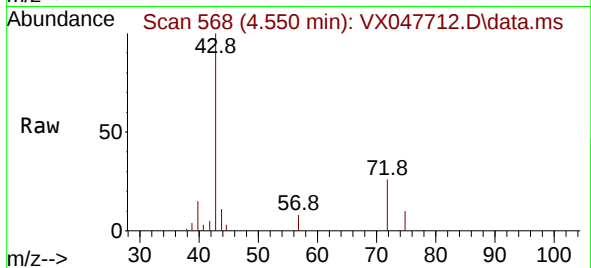
34926

Tgt Ion: 43 Resp: 15146

Ion Ratio Lower Upper

43 100

72 27.9 20.1 30.1



#29

Tetrahydrofuran

Concen: 1.533 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

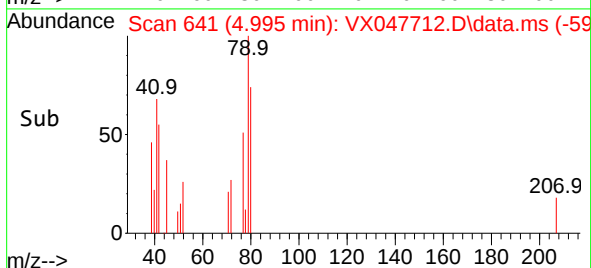
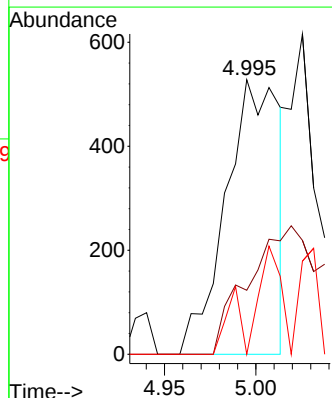
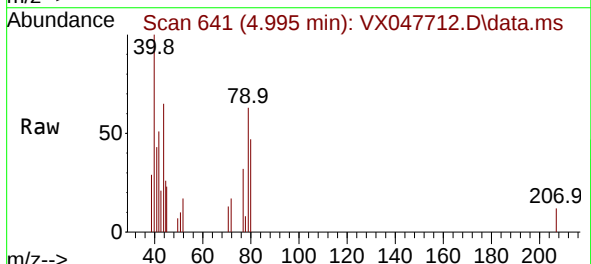
Tgt Ion: 42 Resp: 1076

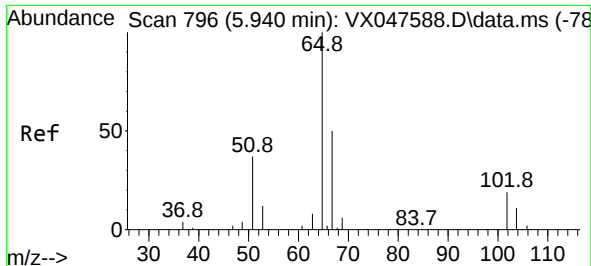
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

71 6.6 31.9 47.9#





#33

1,2-Dichloroethane-d4

Concen: 49.163 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

Instrument :

MSVOA\_X

ClientSampleId :

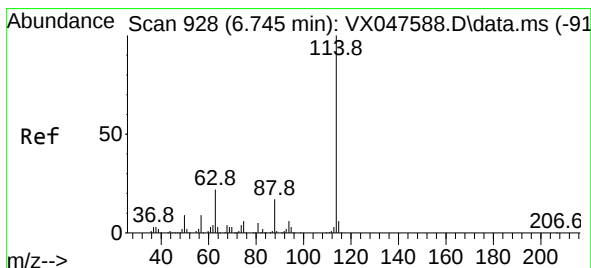
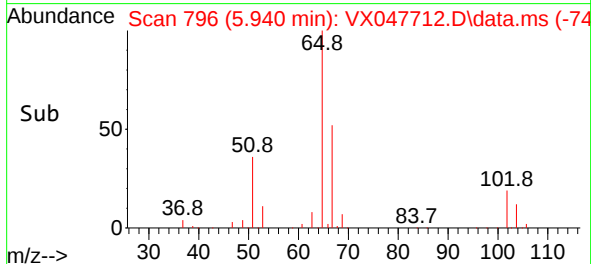
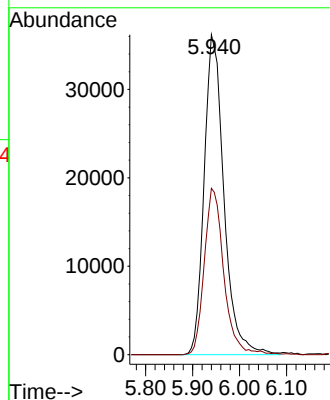
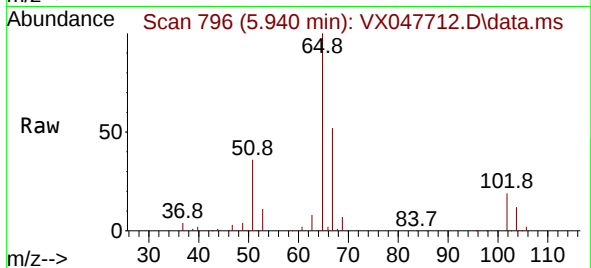
34926

Tgt Ion: 65 Resp: 105751

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

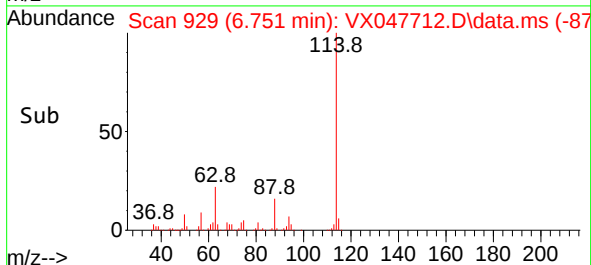
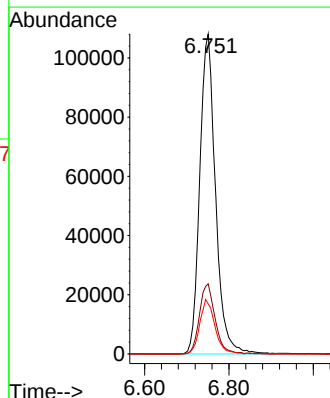
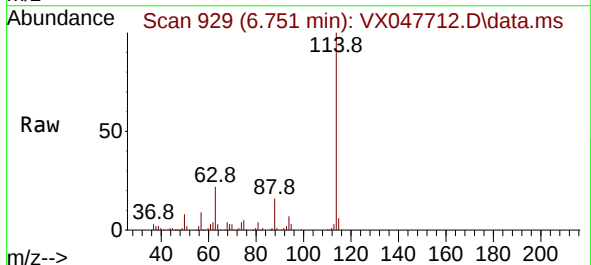
Tgt Ion: 114 Resp: 280682

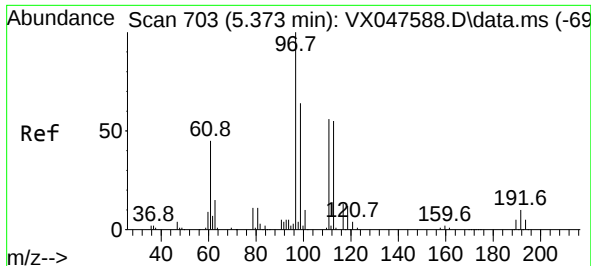
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 15.6 0.0 34.2

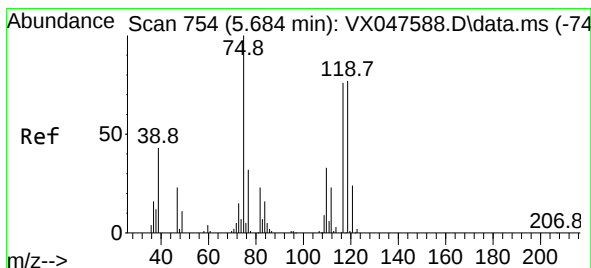
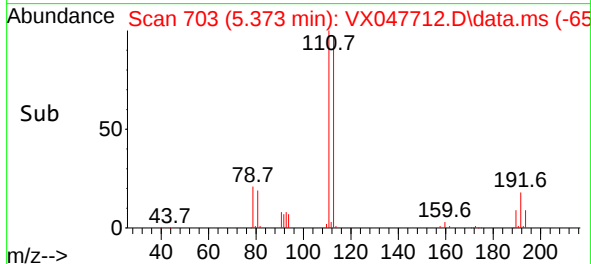
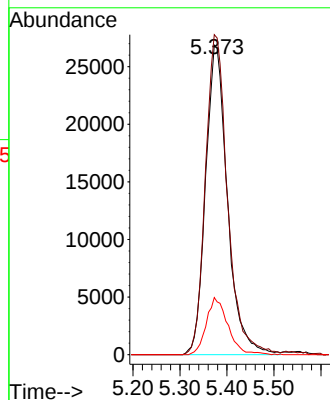
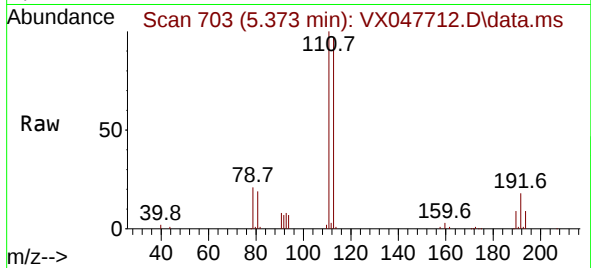




#35  
Dibromofluoromethane  
Concen: 46.217 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

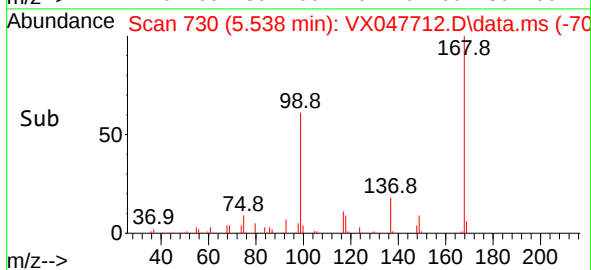
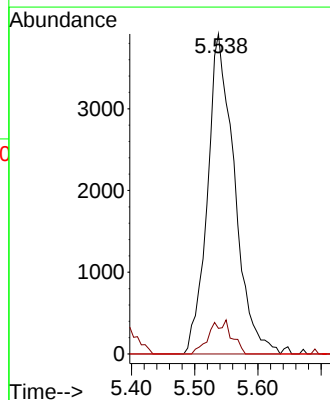
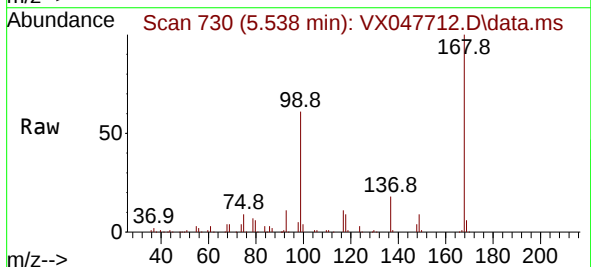
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

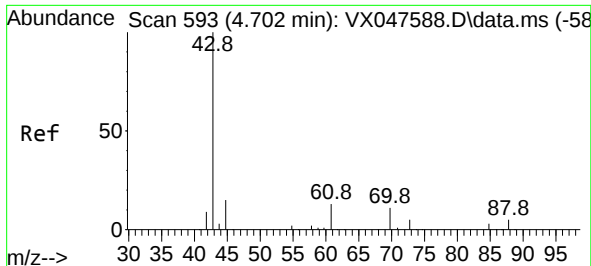
Tgt Ion:113 Resp: 86999  
Ion Ratio Lower Upper  
113 100  
111 104.2 80.9 121.3  
192 18.2 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 4.230 ug/l  
RT: 5.538 min Scan# 730  
Delta R.T. -0.146 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 75 Resp: 11634  
Ion Ratio Lower Upper  
75 100  
110 8.7 16.7 50.1#  
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 2.833 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

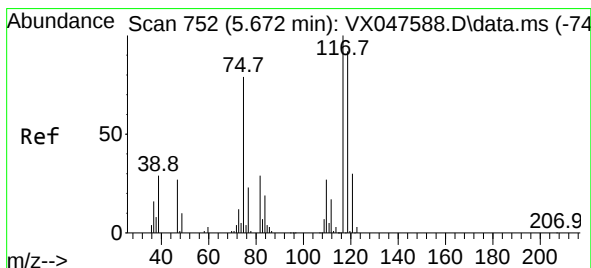
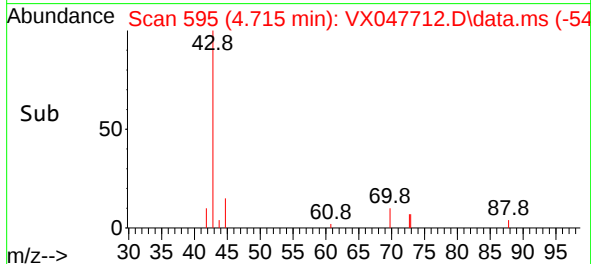
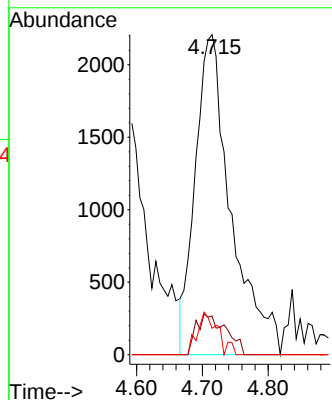
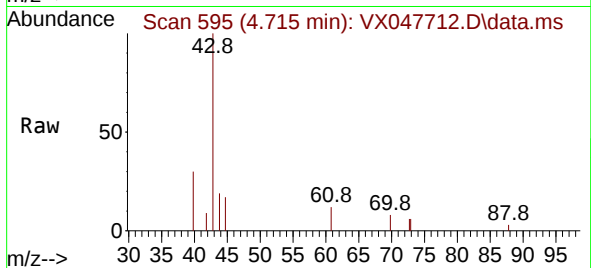
Instrument :

MSVOA\_X

ClientSampleId :

34926

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 8344  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 10.5  | 9.8   | 14.8  |
| 70       | 7.6   | 7.9   | 11.9# |



#38

Carbon Tetrachloride

Concen: 4.858 ug/l

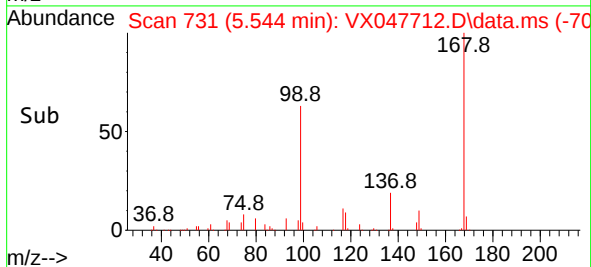
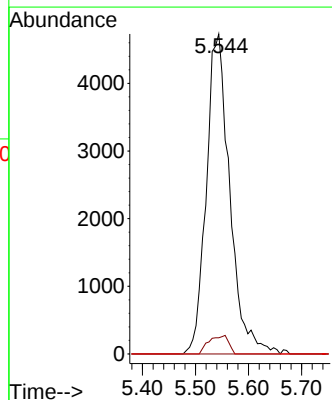
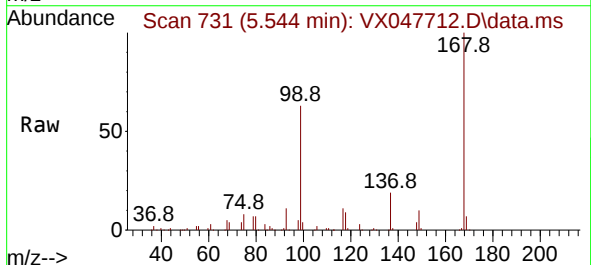
RT: 5.544 min Scan# 731

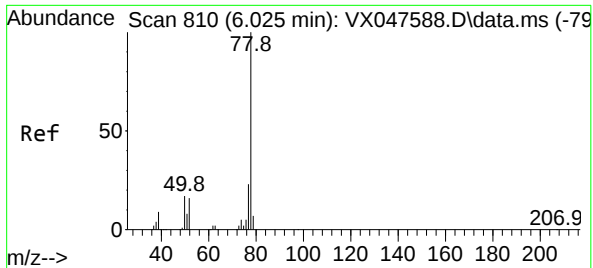
Delta R.T. -0.128 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 14520  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 5.0   | 73.4  | 110.2# |
| 121      | 0.0   | 23.8  | 35.6#  |

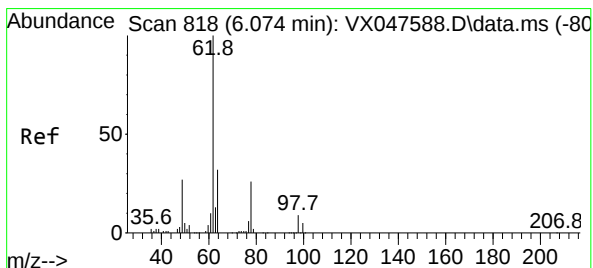
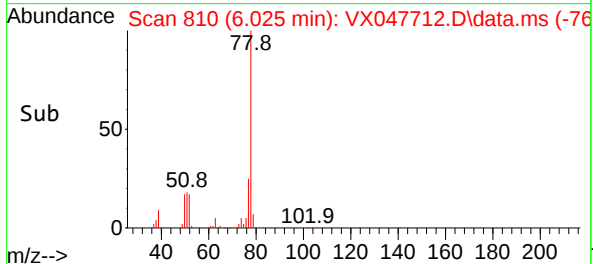
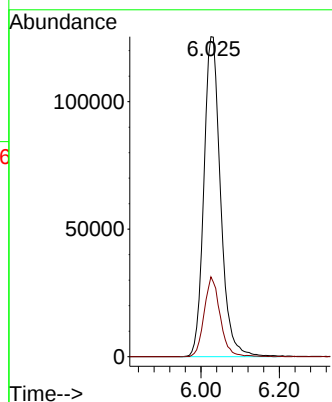
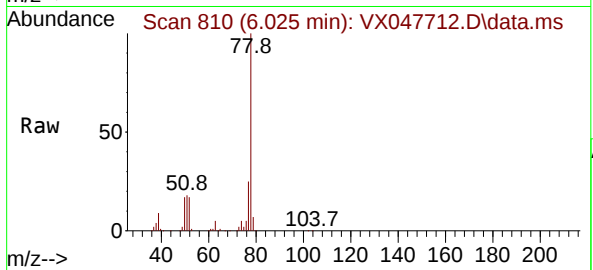




#40  
Benzene  
Concen: 44.391 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

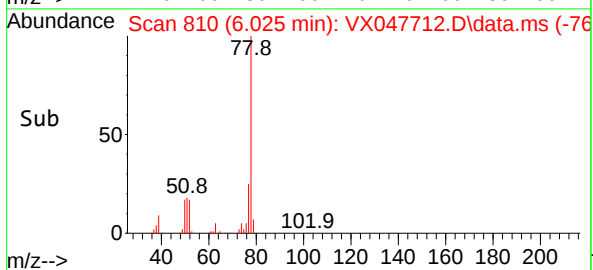
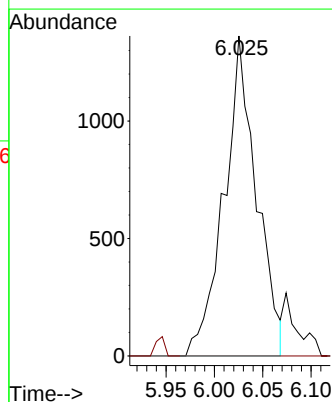
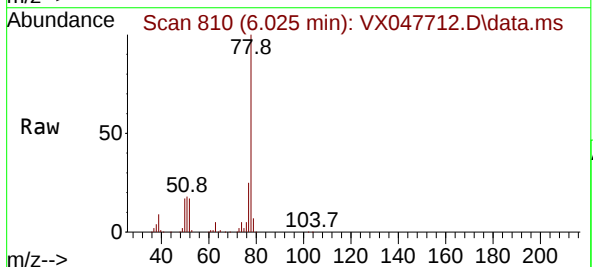
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

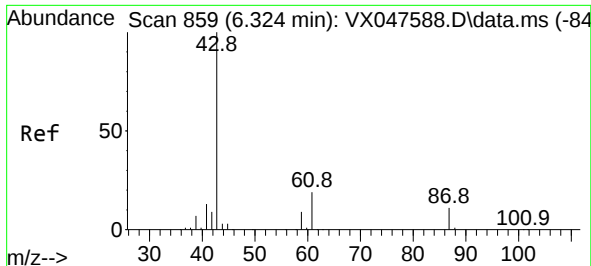
Tgt Ion: 78 Resp: 370860  
Ion Ratio Lower Upper  
78 100  
77 25.0 18.8 28.2



#42  
1,2-Dichloroethane  
Concen: 0.996 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.049 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 62 Resp: 3167  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 17.0

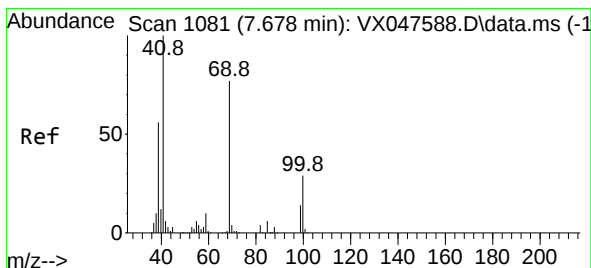
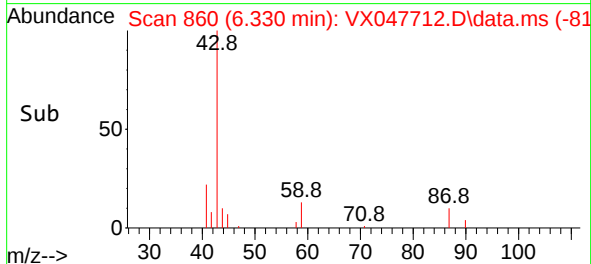
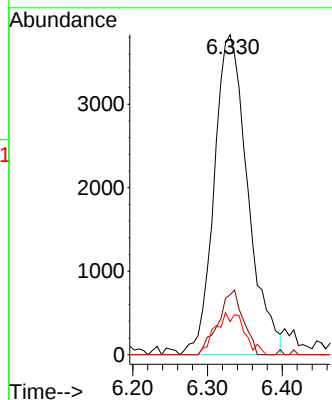
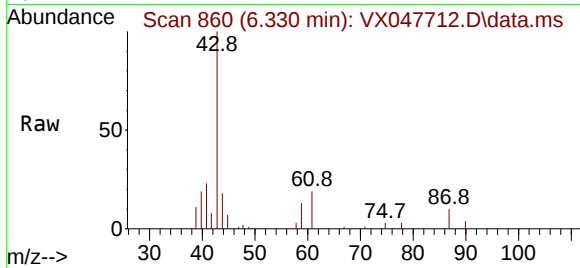




#43  
Isopropyl Acetate  
Concen: 2.481 ug/l  
RT: 6.330 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

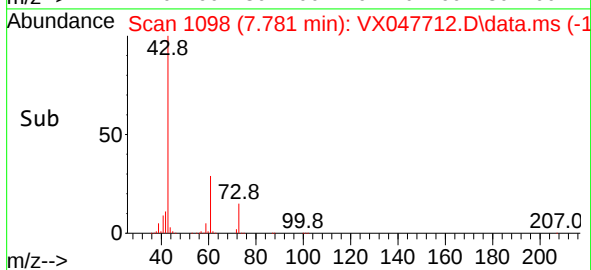
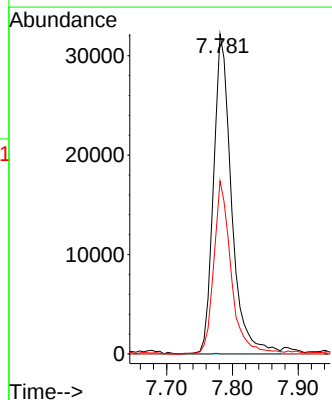
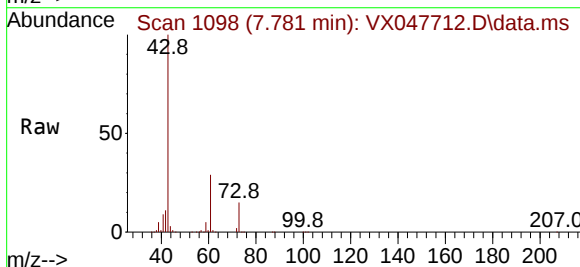
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

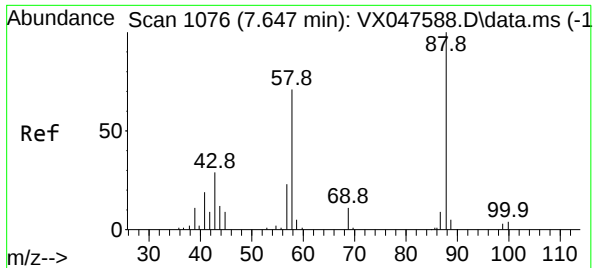
Tgt Ion: 43 Resp: 11984  
Ion Ratio Lower Upper  
43 100  
61 14.9 15.2 22.8#  
87 11.3 9.6 14.4



#48  
Methyl methacrylate  
Concen: 25.548 ug/l  
RT: 7.781 min Scan# 1098  
Delta R.T. 0.104 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 41 Resp: 61469  
Ion Ratio Lower Upper  
41 100  
69 0.0 61.4 92.2#  
39 52.1 45.8 68.6

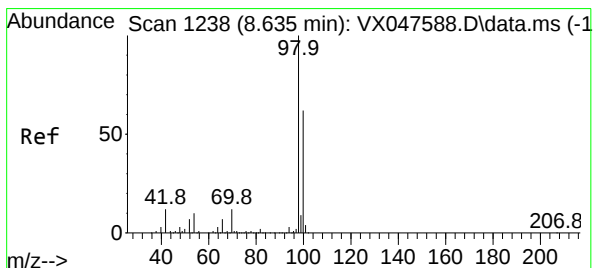
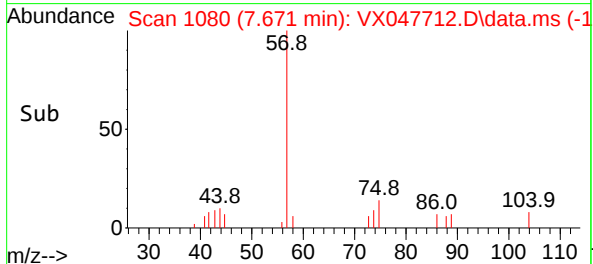
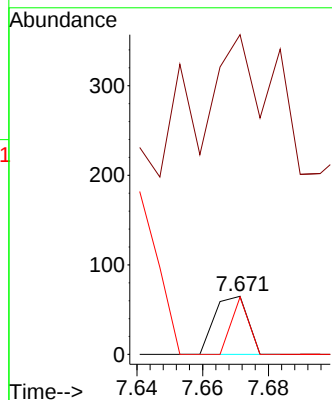
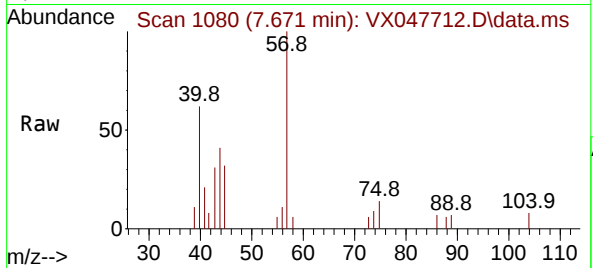




#49  
1,4-Dioxane  
Concen: 1.851 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. 0.024 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

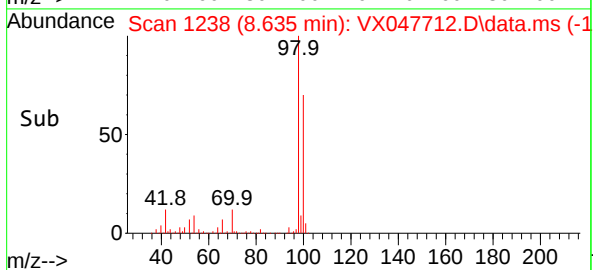
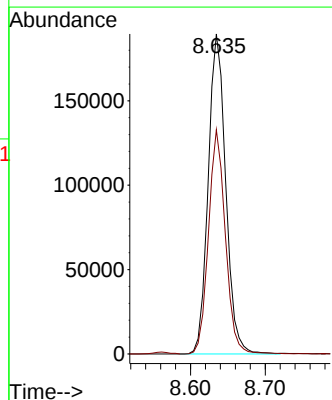
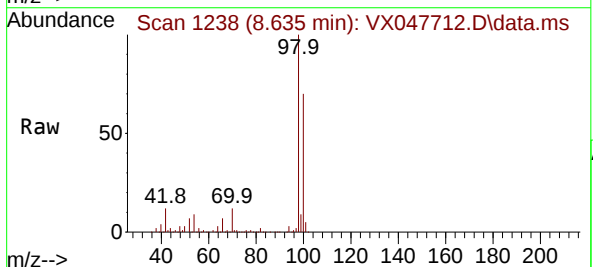
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

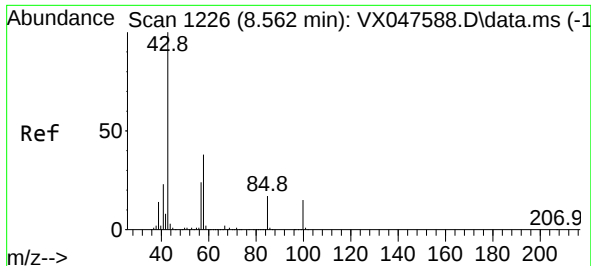
Tgt Ion: 88 Resp: 45  
Ion Ratio Lower Upper  
88 100  
43 0.0 30.2 45.2#  
58 0.0 59.5 89.3#



#50  
Toluene-d8  
Concen: 47.405 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 98 Resp: 308774  
Ion Ratio Lower Upper  
98 100  
100 67.6 53.0 79.4

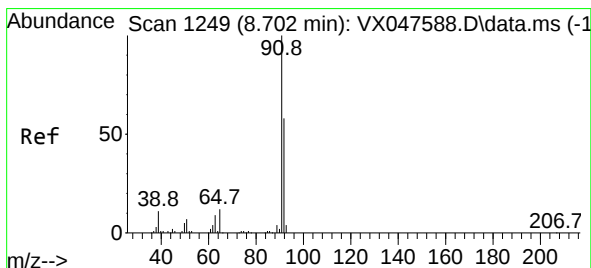
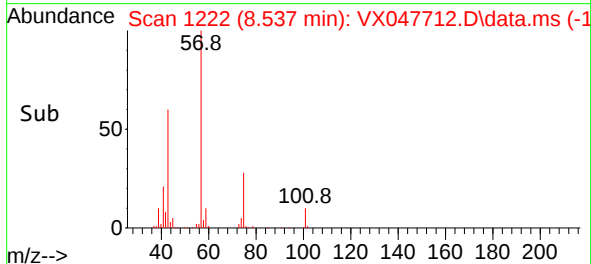
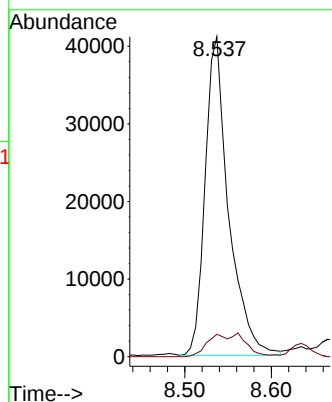
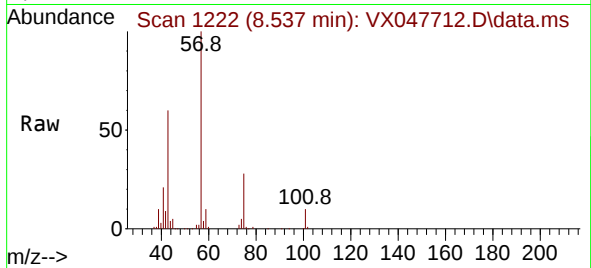




#51  
4-Methyl-2-Pentanone  
Concen: 28.874 ug/l  
RT: 8.537 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

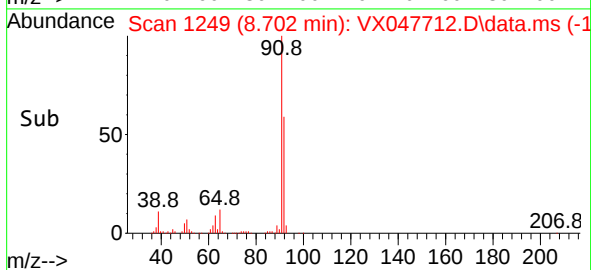
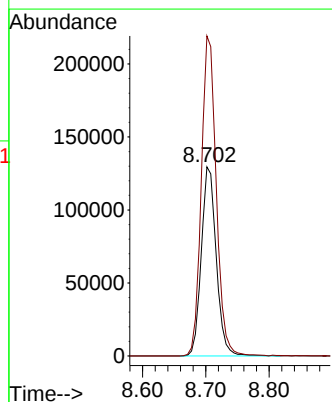
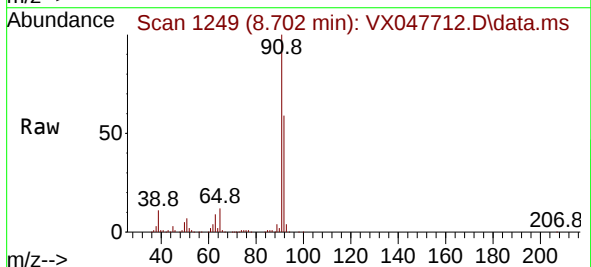
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

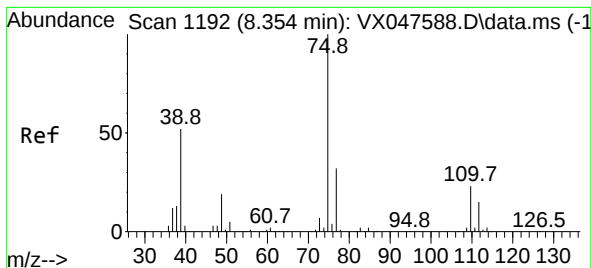
Tgt Ion: 43 Resp: 77327  
Ion Ratio Lower Upper  
43 100  
58 6.2 30.3 45.5#



#52  
Toluene  
Concen: 41.345 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 92 Resp: 212806  
Ion Ratio Lower Upper  
92 100  
91 169.8 137.1 205.7





#54

cis-1,3-Dichloropropene

Concen: 9.187 ug/l

RT: 8.537 min Scan# 1192

Delta R.T. 0.183 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

Instrument :

MSVOA\_X

ClientSampleId :

34926

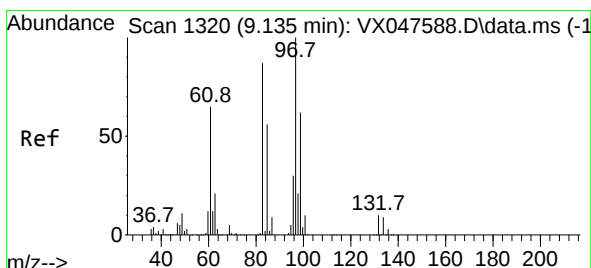
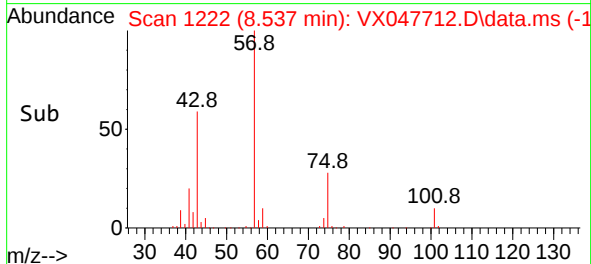
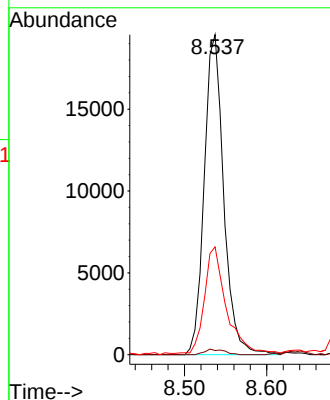
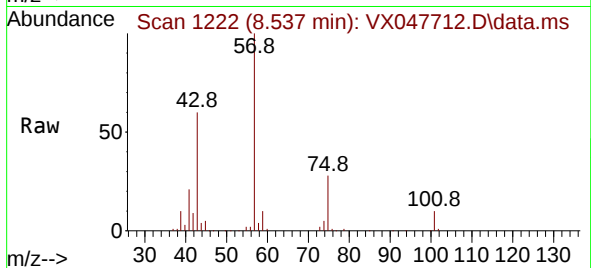
Tgt Ion: 75 Resp: 32176

Ion Ratio Lower Upper

75 100

77 1.3 25.8 38.6#

39 29.4 41.4 62.2#



#55

1,1,2-Trichloroethane

Concen: 0.469 ug/l

RT: 9.000 min Scan# 1298

Delta R.T. -0.134 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

Tgt Ion: 97 Resp: 930

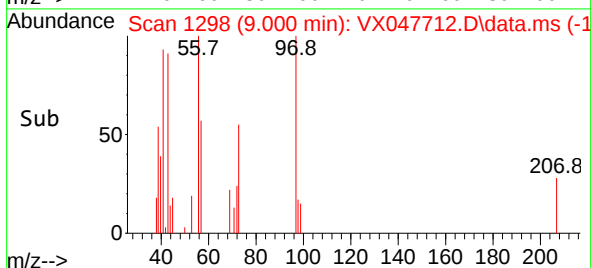
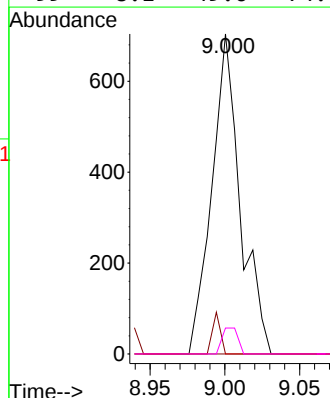
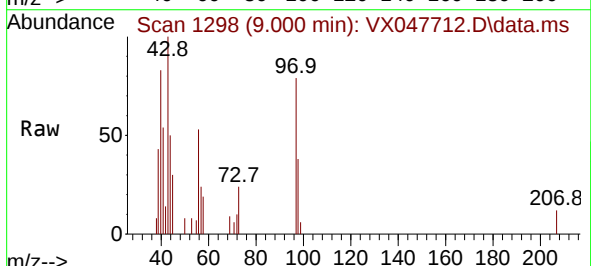
Ion Ratio Lower Upper

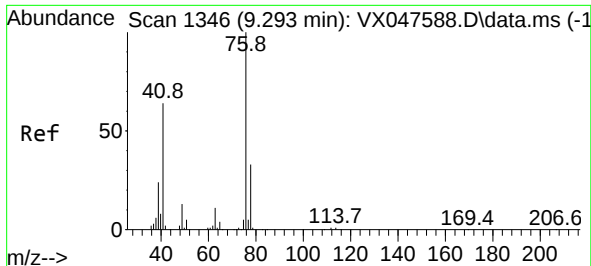
97 100

83 0.0 69.6 104.4#

85 0.0 45.0 67.6#

99 8.1 49.6 74.4#

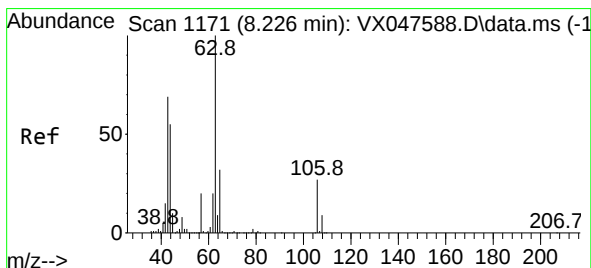
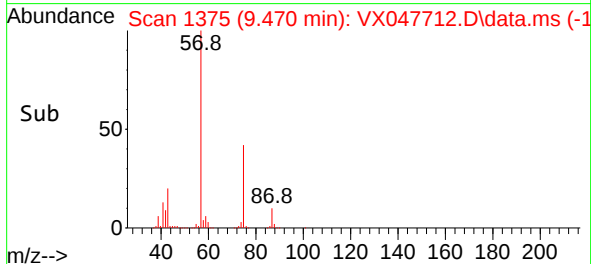
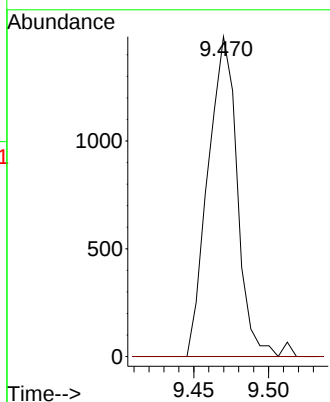
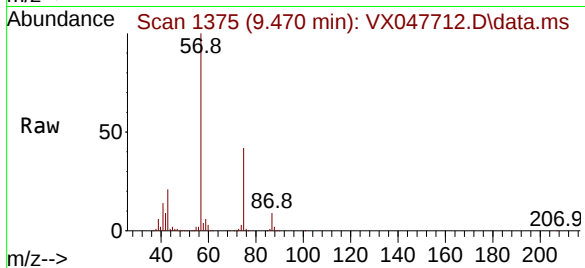




#57  
1,3-Dichloropropane  
Concen: 0.590 ug/l  
RT: 9.470 min Scan# 1199  
Delta R.T. 0.177 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

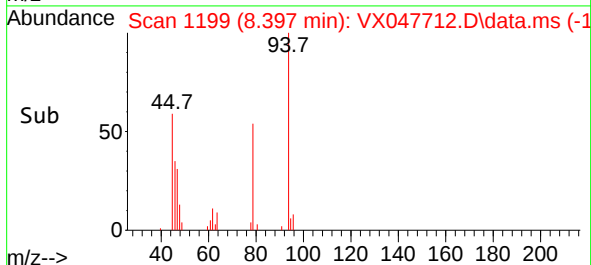
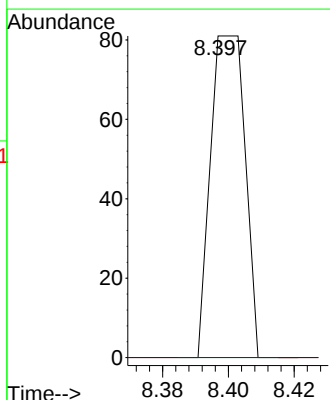
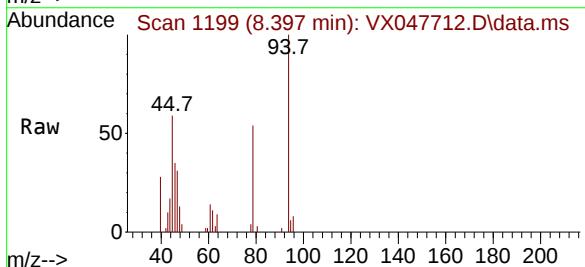
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

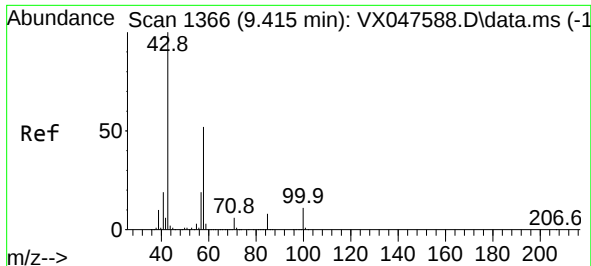
Tgt Ion: 76 Resp: 2013  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.2 39.4#



#58  
2-Chloroethyl Vinyl ether  
Concen: 7.932 ug/l  
RT: 8.397 min Scan# 1199  
Delta R.T. 0.171 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 63 Resp: 59  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.9 32.9#

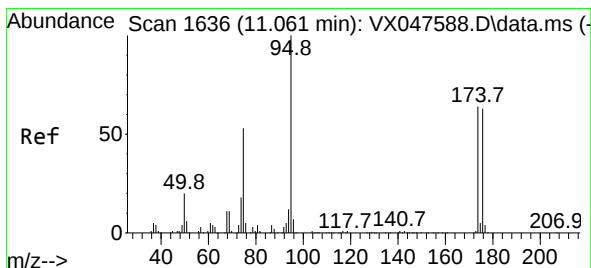
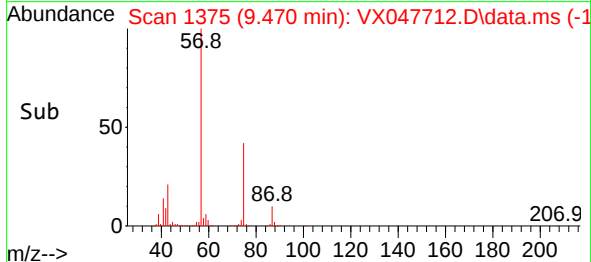
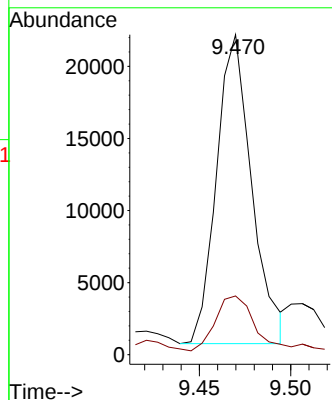
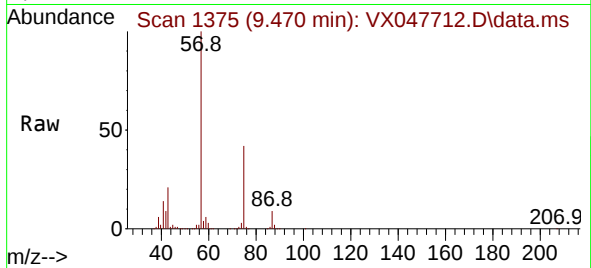




#59  
2-Hexanone  
Concen: 14.952 ug/l  
RT: 9.470 min Scan# 11  
Delta R.T. 0.055 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

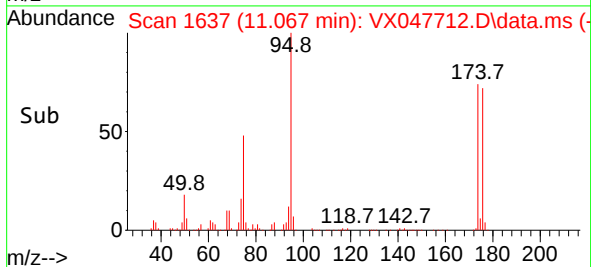
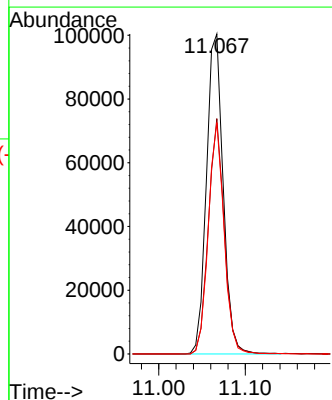
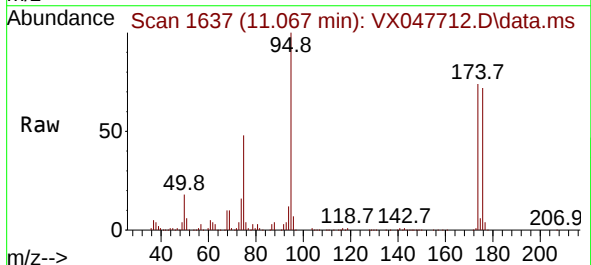
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

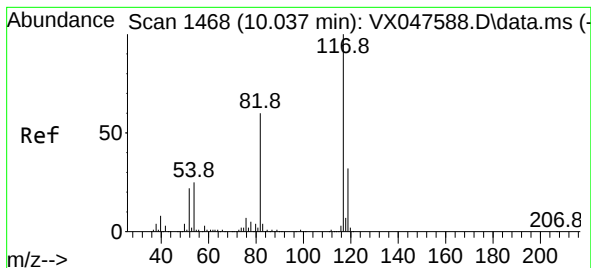
Tgt Ion: 43 Resp: 28758  
Ion Ratio Lower Upper  
43 100  
58 25.0 26.1 78.2#



#62  
4-Bromofluorobenzene  
Concen: 54.327 ug/l  
RT: 11.067 min Scan# 1637  
Delta R.T. 0.006 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 95 Resp: 134297  
Ion Ratio Lower Upper  
95 100  
174 70.1 0.0 141.6  
176 68.3 0.0 138.4

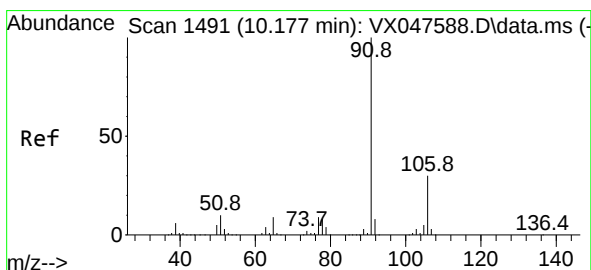
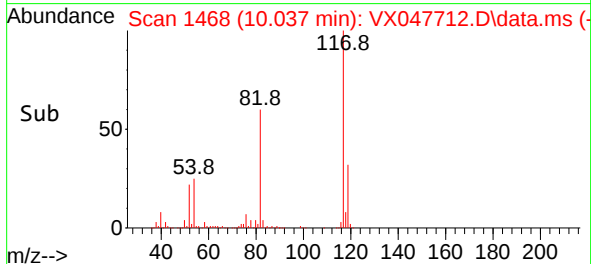
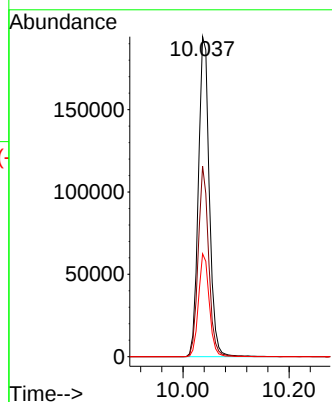
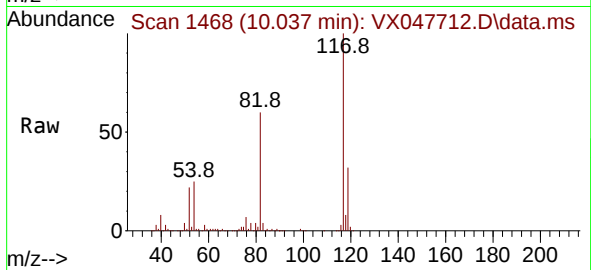




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

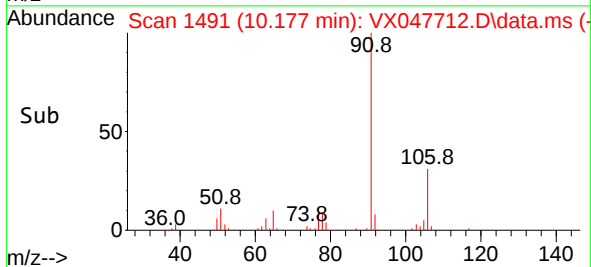
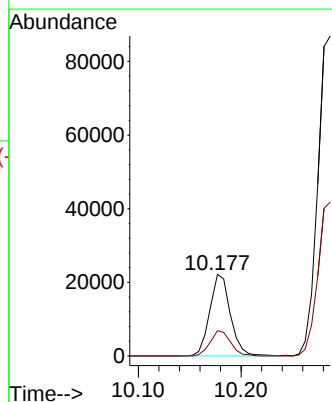
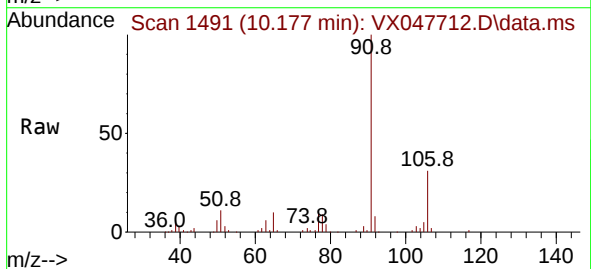
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

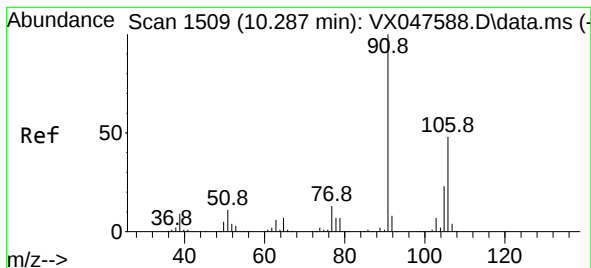
Tgt Ion:117 Resp: 277910  
Ion Ratio Lower Upper  
117 100  
82 59.6 47.8 71.6  
119 32.2 25.2 37.8



#67  
Ethyl Benzene  
Concen: 2.846 ug/l  
RT: 10.177 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 91 Resp: 31008  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.3 36.5

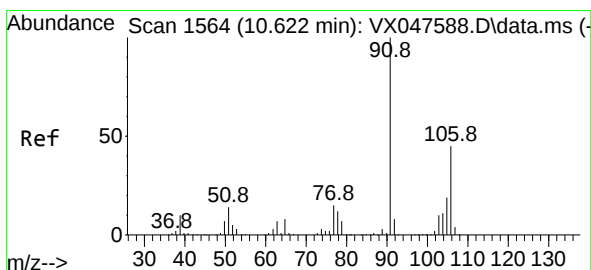
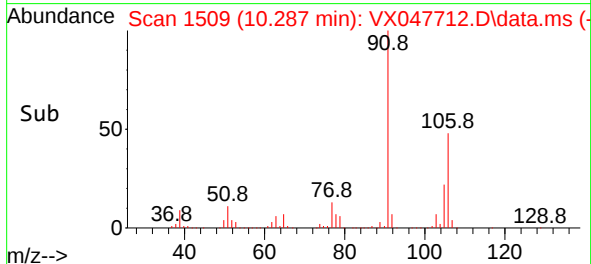
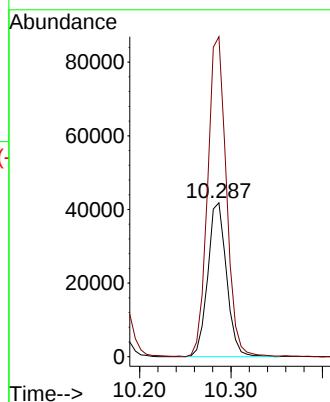
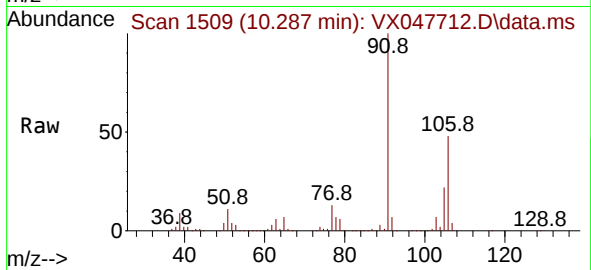




#68  
m/p-Xylenes  
Concen: 14.679 ug/l  
RT: 10.287 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

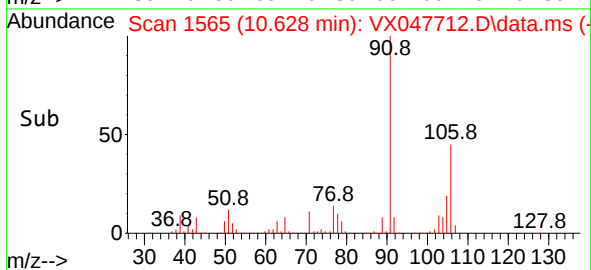
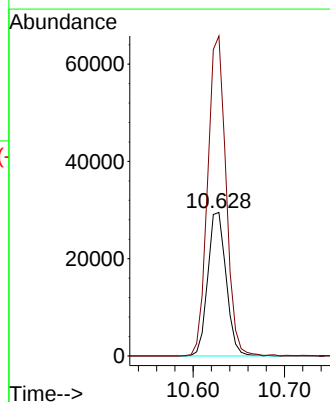
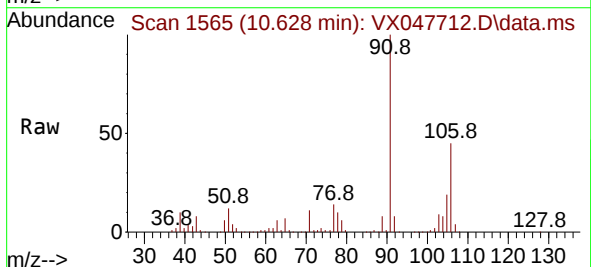
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

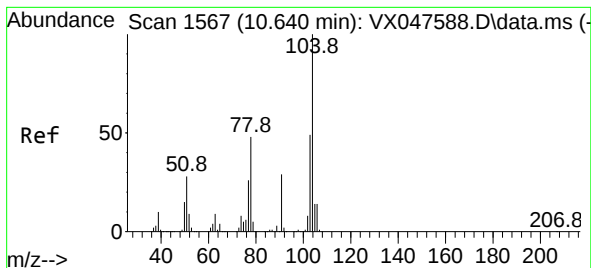
Tgt Ion:106 Resp: 59519  
Ion Ratio Lower Upper  
106 100  
91 208.0 167.8 251.8



#69  
o-Xylene  
Concen: 10.494 ug/l  
RT: 10.628 min Scan# 1565  
Delta R.T. 0.006 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion:106 Resp: 41156  
Ion Ratio Lower Upper  
106 100  
91 222.0 111.1 333.4





#70

Styrene

Concen: 2.615 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

Instrument :

MSVOA\_X

ClientSampleId :

34926

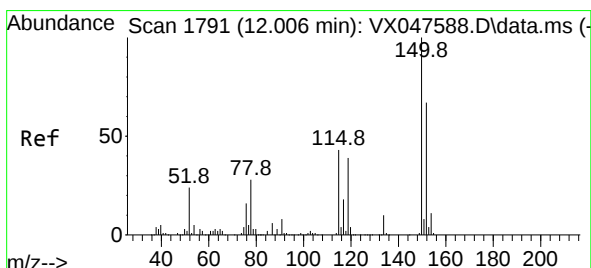
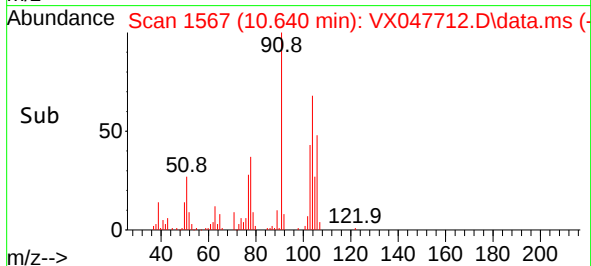
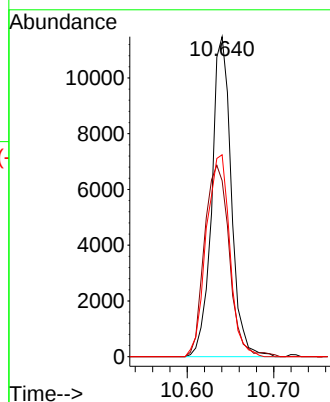
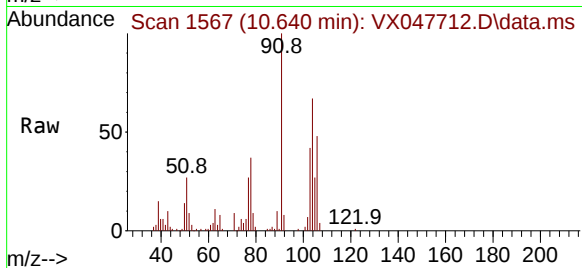
Tgt Ion:104 Resp: 17970

Ion Ratio Lower Upper

104 100

78 76.2 43.1 64.7#

103 76.0 43.1 64.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

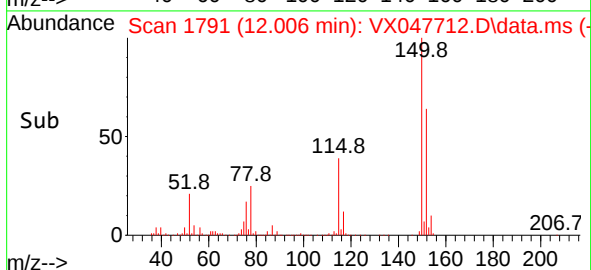
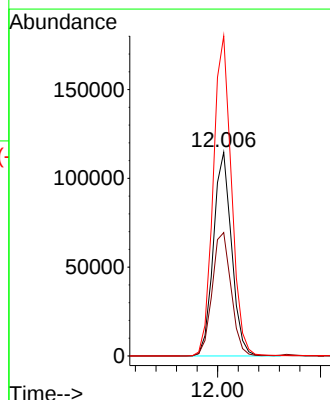
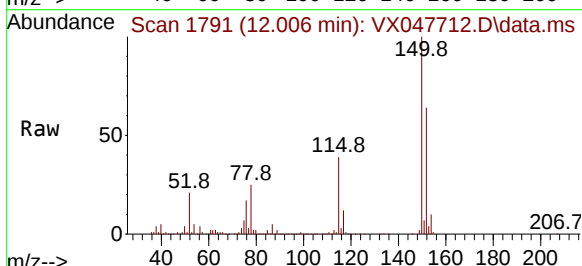
Tgt Ion:152 Resp: 140344

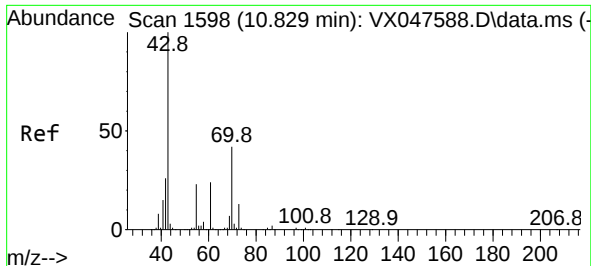
Ion Ratio Lower Upper

152 100

115 63.0 44.9 134.5

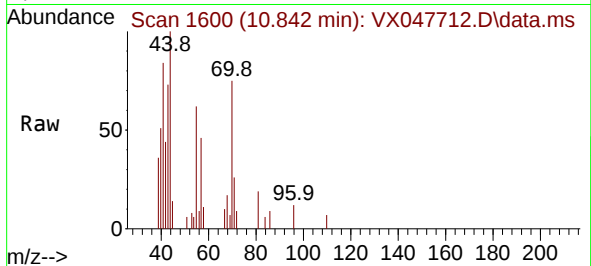
150 157.8 0.0 352.0



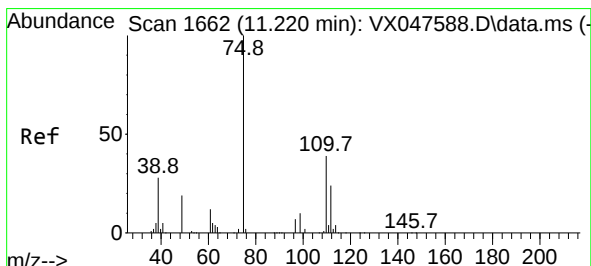
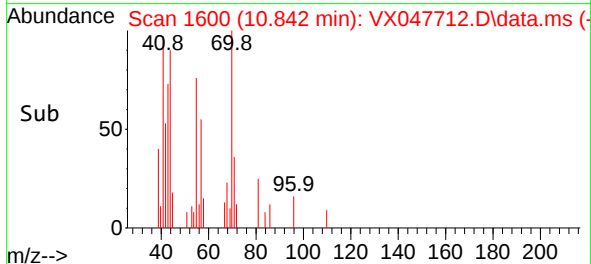
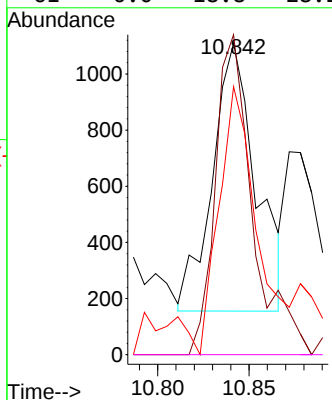


#74  
N-amy1 acetate  
Concen: 0.326 ug/l  
RT: 10.842 min Scan# 1  
Delta R.T. 0.012 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

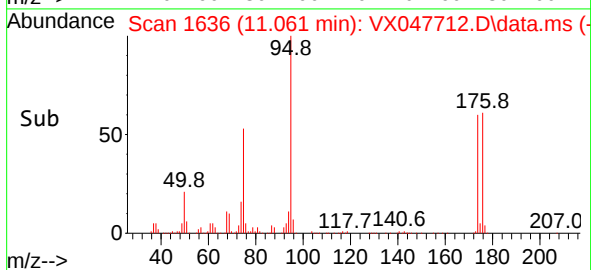
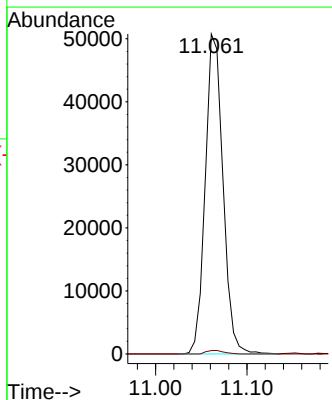
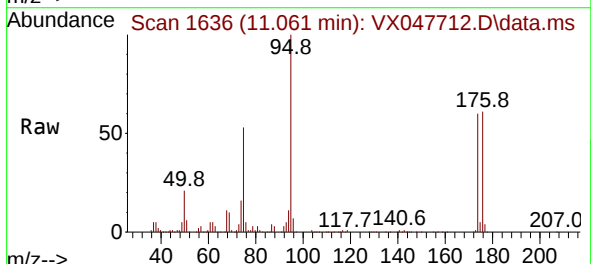


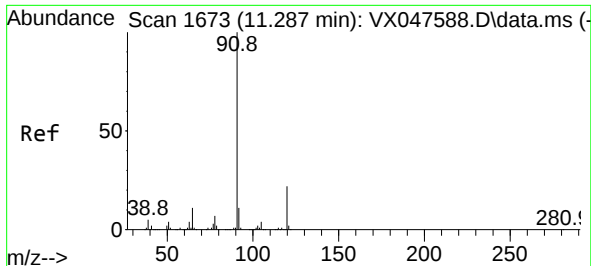
Tgt Ion: 43 Resp: 1587  
Ion Ratio Lower Upper  
43 100  
70 103.5 32.0 48.0#  
55 87.1 18.9 28.3#  
61 0.0 18.8 28.2#



#76  
1,2,3-Trichloropropane  
Concen: 24.098 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.159 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 75 Resp: 68474  
Ion Ratio Lower Upper  
75 100  
77 1.1 18.8 56.4#

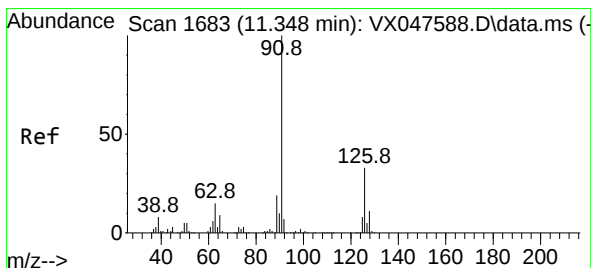
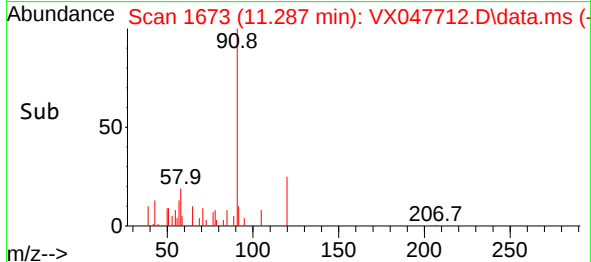
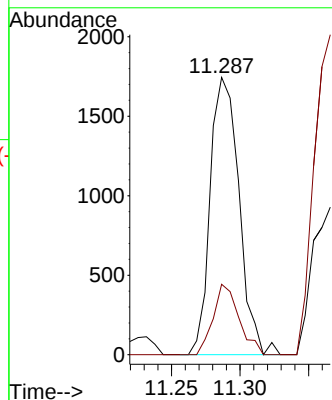
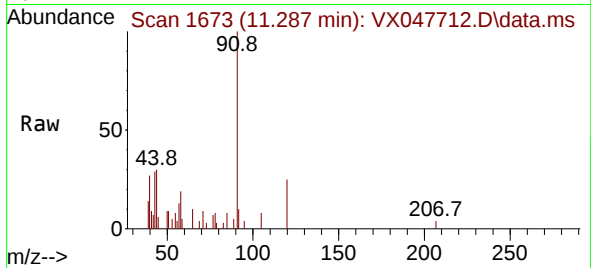




#78  
n-propylbenzene  
Concen: 0.203 ug/l  
RT: 11.287 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

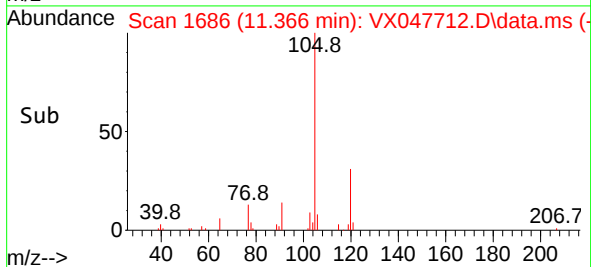
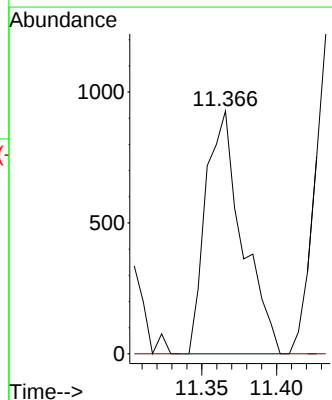
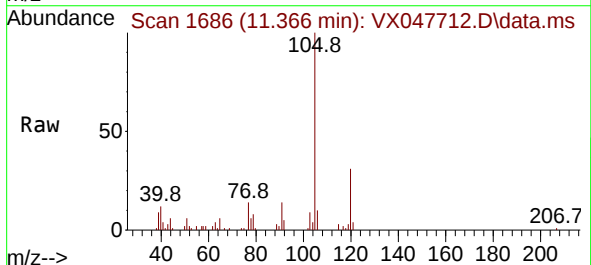
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

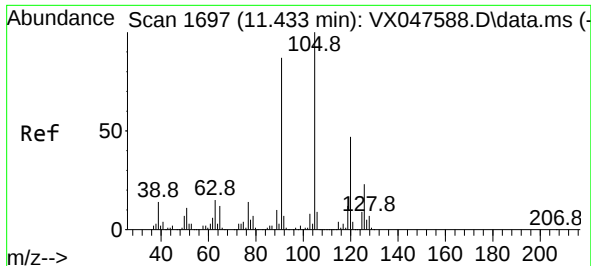
Tgt Ion: 91 Resp: 2556  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.1 33.1



#79  
2-Chlorotoluene  
Concen: 0.205 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.018 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 91 Resp: 1580  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.1 48.3#

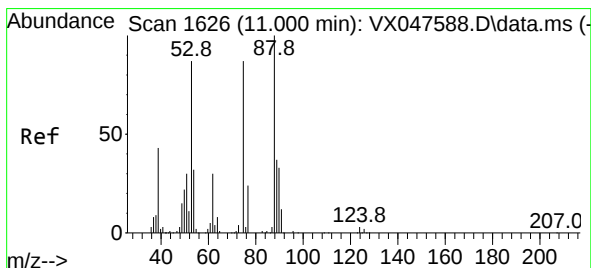
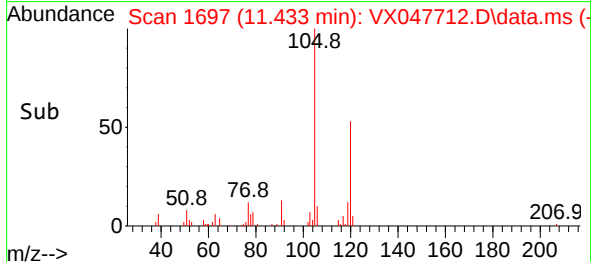
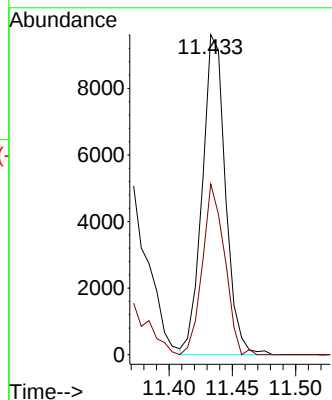
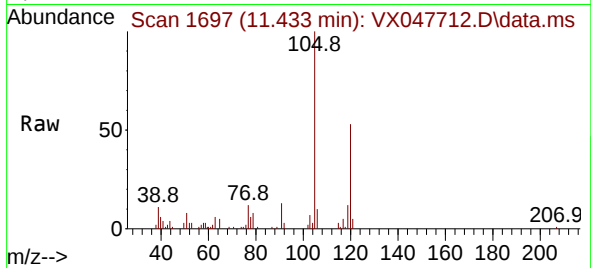




#80  
1,3,5-Trimethylbenzene  
Concen: 1.400 ug/l  
RT: 11.433 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

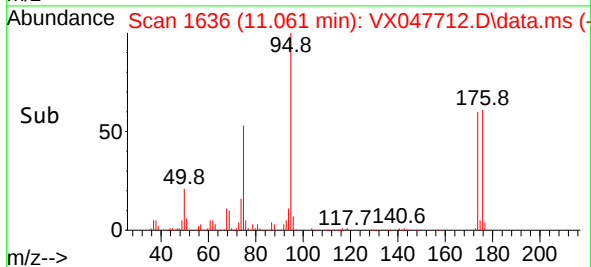
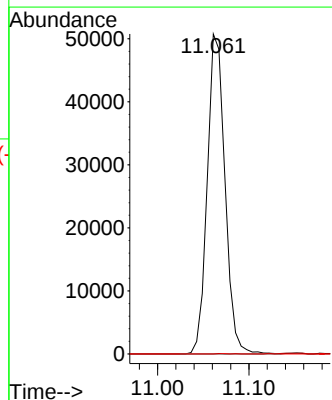
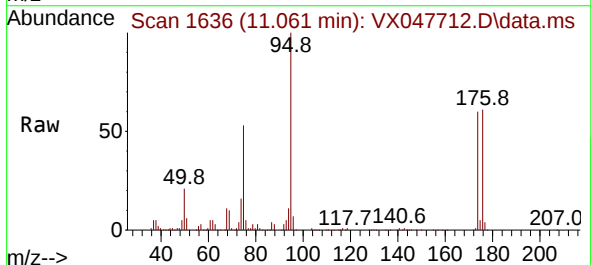
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

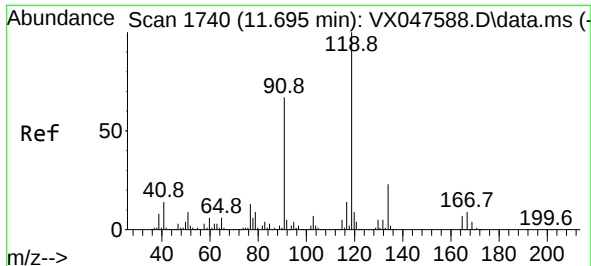
Tgt Ion:105 Resp: 12277  
Ion Ratio Lower Upper  
105 100  
120 51.1 23.6 70.8



#81  
trans-1,4-Dichloro-2-butene  
Concen: 61.452 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.061 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion: 75 Resp: 68474  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.4 125.2#  
89 0.0 36.3 54.5#

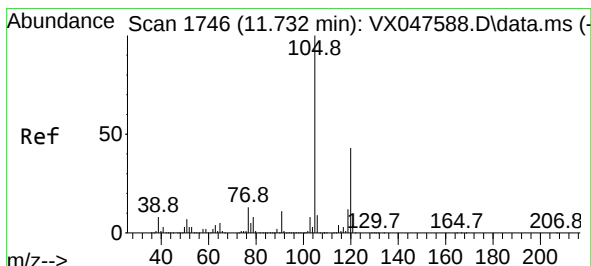
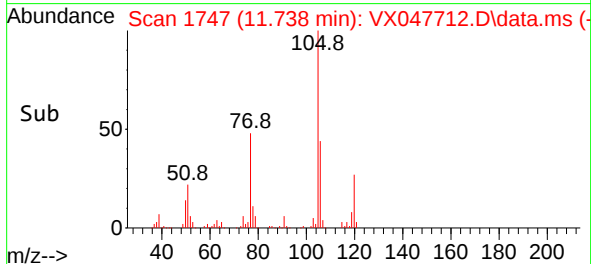
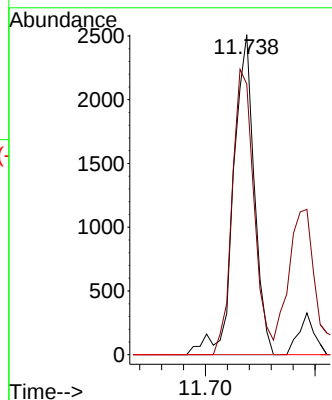
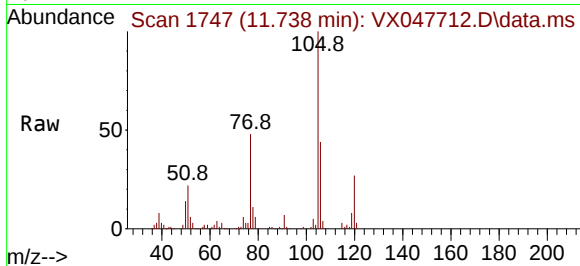




#83  
tert-Butylbenzene  
Concen: 0.369 ug/l  
RT: 11.738 min Scan# 11  
Delta R.T. 0.043 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

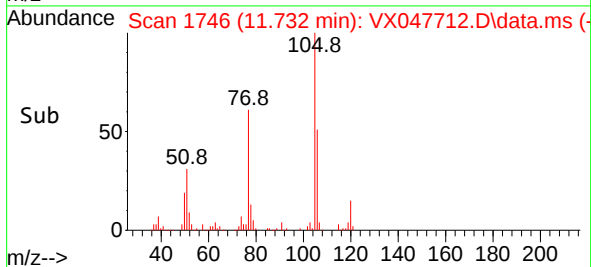
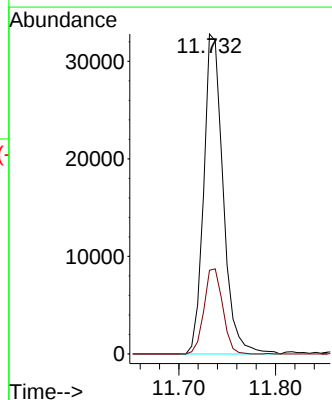
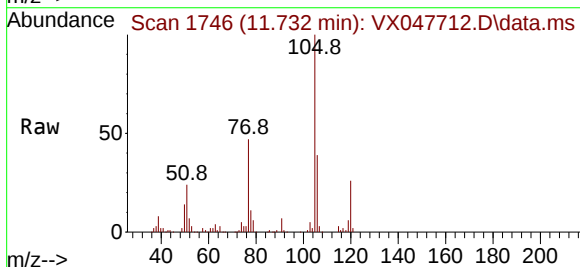
Instrument :  
MSVOA\_X  
ClientSampleId :  
34926

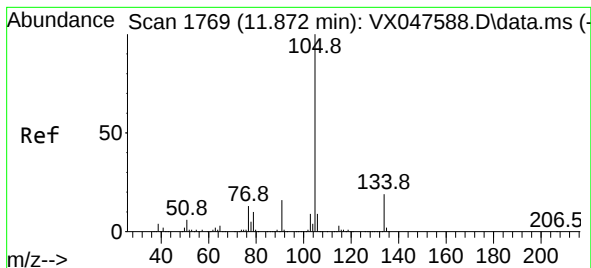
Tgt Ion:119 Resp: 3311  
Ion Ratio Lower Upper  
119 100  
91 93.9 29.6 88.8#  
134 0.0 11.0 33.0#



#84  
1,2,4-Trimethylbenzene  
Concen: 5.164 ug/l  
RT: 11.732 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VX047712.D  
Acq: 22 Sep 2025 17:56

Tgt Ion:105 Resp: 45891  
Ion Ratio Lower Upper  
105 100  
120 25.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 4.305 ug/l

RT: 11.732 min Scan# 11

Delta R.T. -0.140 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

Instrument :

MSVOA\_X

ClientSampleId :

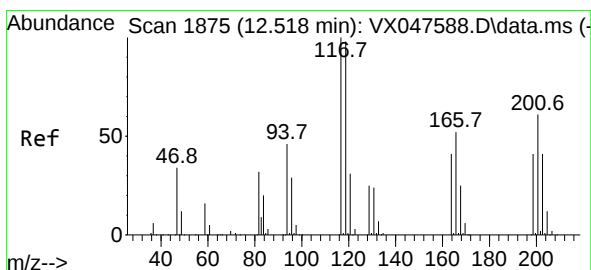
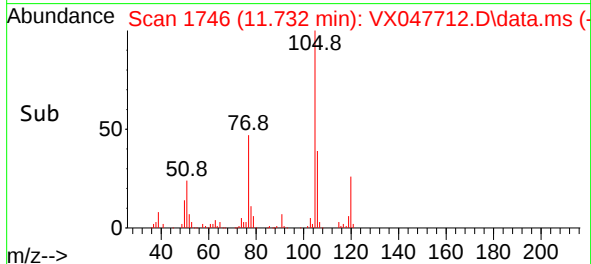
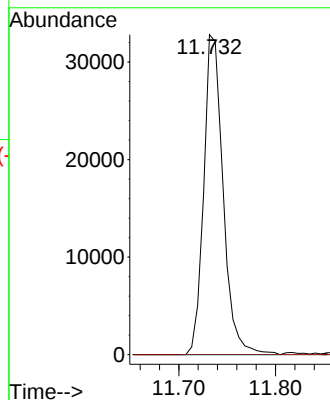
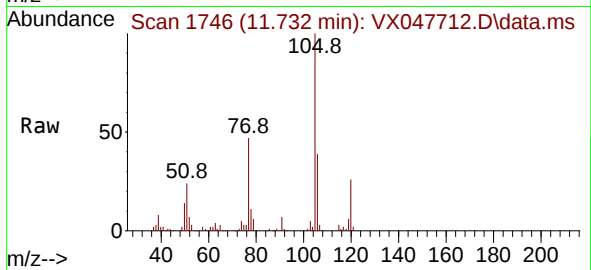
34926

Tgt Ion:105 Resp: 45891

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.5#



#90

Hexachloroethane

Concen: 0.201 ug/l

RT: 12.573 min Scan# 1884

Delta R.T. 0.055 min

Lab File: VX047712.D

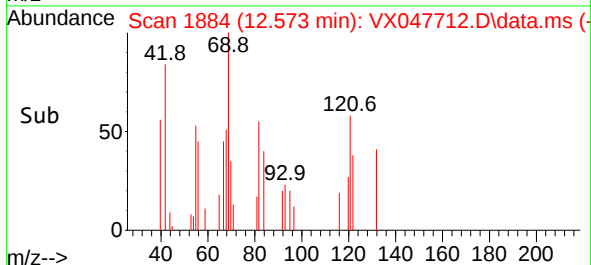
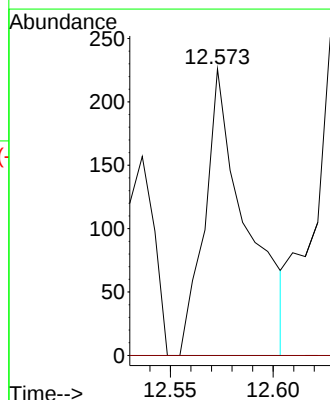
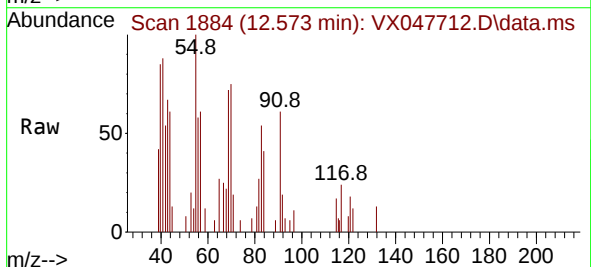
Acq: 22 Sep 2025 17:56

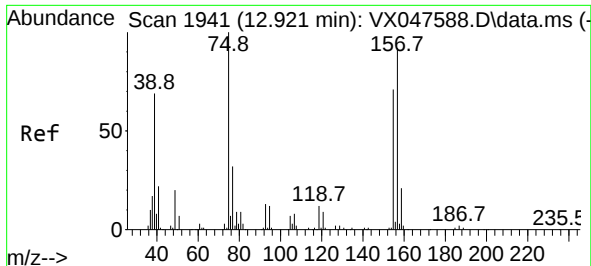
Tgt Ion:117 Resp: 319

Ion Ratio Lower Upper

117 100

201 0.0 34.2 102.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.364 ug/l

RT: 12.933 min Scan# 1943

Delta R.T. 0.012 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

Instrument :

MSVOA\_X

ClientSampleId :

34926

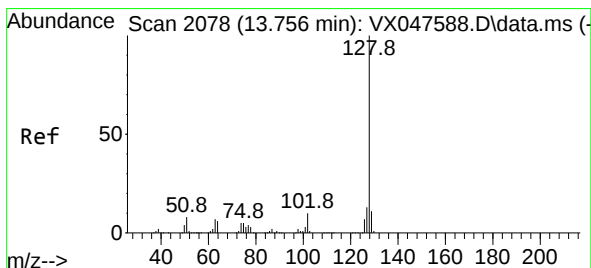
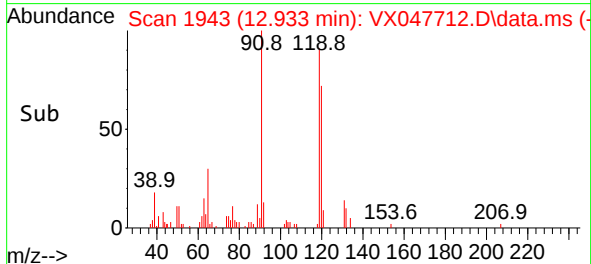
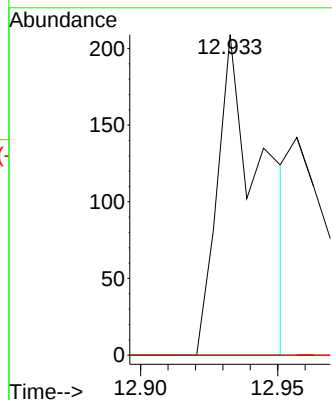
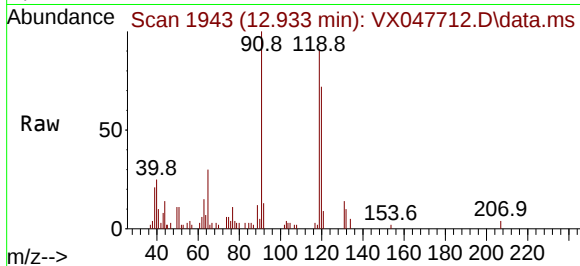
Tgt Ion: 75 Resp: 238

Ion Ratio Lower Upper

75 100

155 0.0 37.7 113.1#

157 0.0 49.8 149.4#



#95

Naphthalene

Concen: 154.119 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047712.D

Acq: 22 Sep 2025 17:56

Tgt Ion:128 Resp: 1418349

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.8 13.2

