

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070125\  
 Data File : VY022900.D  
 Acq On : 01 Jul 2025 15:41  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 10.71g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

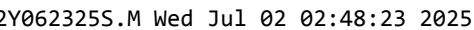
Quant Time: Jul 02 02:48:10 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 24 08:29:52 2025  
 Response via : Initial Calibration

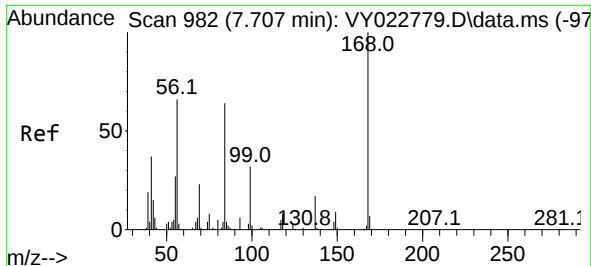
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) Pentafluorobenzene         | 7.707  | 168   | 6078     | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene       | 8.610  | 114   | 11273    | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5          | 11.420 | 117   | 23372    | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4    | 13.347 | 152   | 23010    | 50.000   | ug/l   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4     | 8.067  | 65    | 2763     | 40.730   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery | =      | 81.460%   |
| 35) Dibromofluoromethane      | 7.628  | 113   | 2881     | 42.023   | ug/l   | -0.01     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery | =      | 84.040%   |
| 50) Toluene-d8                | 10.103 | 98    | 17190    | 63.188   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 58 - 134 | Recovery | =      | 126.380%  |
| 62) 4-Bromofluorobenzene      | 12.402 | 95    | 15595    | 178.324  | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 30 - 143 | Recovery | =      | 356.640%# |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 2) Dichlorodifluoromethane    | 1.867  | 85    | 100      | 1.924    | ug/l # | 41        |
| 3) Chloromethane              | 2.068  | 50    | 990      | 9.975    | ug/l   | 93        |
| 4) Vinyl Chloride             | 2.202  | 62    | 176      | 1.419    | ug/l # | 58        |
| 5) Bromomethane               | 2.605  | 94    | 1409     | 14.455   | ug/l # | 45        |
| 6) Chloroethane               | 2.727  | 64    | 194      | 2.328    | ug/l # | 55        |
| 8) Diethyl Ether              | 3.458  | 74    | 3347     | 98.706   | ug/l   | 80        |
| 10) Methyl Iodide             | 4.019  | 142   | 319      | 4.670    | ug/l # | 70        |
| 11) Tert butyl alcohol        | 4.982  | 59    | 49       | 10.863   | ug/l # | 73        |
| 13) Acrolein                  | 3.665  | 56    | 66       | 10.791   | ug/l # | 65        |
| 14) Allyl chloride            | 4.366  | 41    | 189      | 1.997    | ug/l # | 63        |
| 15) Acrylonitrile             | 5.092  | 53    | 117      | 8.270    | ug/l # | 41        |
| 16) Acetone                   | 3.891  | 43    | 1360     | 106.071  | ug/l # | 45        |
| 17) Carbon Disulfide          | 4.117  | 76    | 397      | 1.998    | ug/l # | 74        |
| 18) Methyl Acetate            | 4.391  | 43    | 112      | 2.638    | ug/l # | 51        |
| 20) Methylene Chloride        | 4.610  | 84    | 20694    | 255.570  | ug/l   | 91        |
| 25) 2-Butanone                | 6.909  | 43    | 235      | 12.593   | ug/l # | 46        |
| 29) Tetrahydrofuran           | 7.262  | 42    | 65       | 5.516    | ug/l # | 31        |
| 30) Chloroform                | 7.439  | 83    | 261      | 1.996    | ug/l # | 16        |
| 36) 1,1-Dichloropropene       | 7.713  | 75    | 580      | 5.581    | ug/l # | 42        |
| 41) Methacrylonitrile         | 7.232  | 41    | 180      | 6.520    | ug/l # | 29        |
| 48) Methyl methacrylate       | 9.219  | 41    | 71       | 1.585    | ug/l # | 11        |
| 51) 4-Methyl-2-Pentanone      | 10.018 | 43    | 108      | 2.280    | ug/l # | 37        |
| 55) 1,1,2-Trichloroethane     | 10.499 | 97    | 218      | 3.966    | ug/l # | 15        |
| 56) Ethyl methacrylate        | 10.414 | 69    | 184      | 2.488    | ug/l # | 23        |
| 58) 2-Chloroethyl Vinyl ether | 9.695  | 63    | 74       | 17.440   | ug/l # | 48        |
| 59) 2-Hexanone                | 10.688 | 43    | 202      | 6.273    | ug/l   | 66        |
| 68) m/p-Xylenes               | 11.621 | 106   | 391      | 1.121    | ug/l # | 38        |
| 71) Bromoform                 | 12.152 | 173   | 428      | 4.419    | ug/l # | 29        |
| 76) 1,2,3-Trichloropropane    | 12.402 | 75    | 8315     | 35.396   | ug/l # | 100       |
| 77) Bromobenzene              | 12.548 | 156   | 1260     | 3.267    | ug/l # | 4         |
| 81) trans-1,4-Dichloro-2-b... | 12.402 | 75    | 8315     | 89.425   | ug/l # | 13        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.255 | 75    | 61       | 1.312    | ug/l # | 54        |
| 95) Naphthalene               | 15.151 | 128   | 920      | 1.320    | ug/l # | 82        |
| -----                         |        |       |          |          |        |           |

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

**Instrument :**  
MSVOA\_Y  
**ClientSampleId :**  
VIBLK

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Quant Title : SW846 8260  
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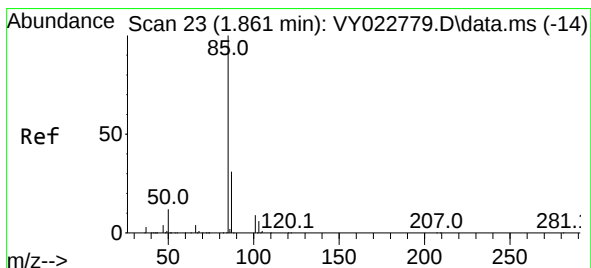
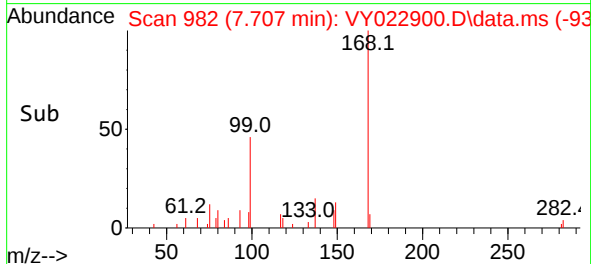
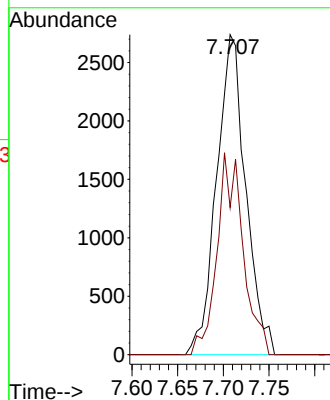
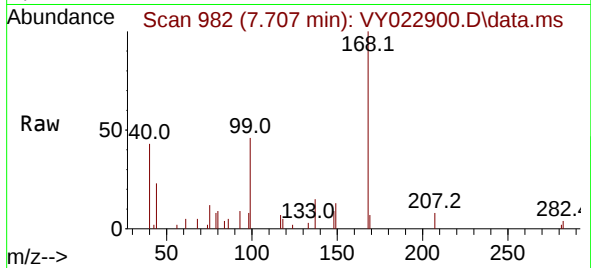




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

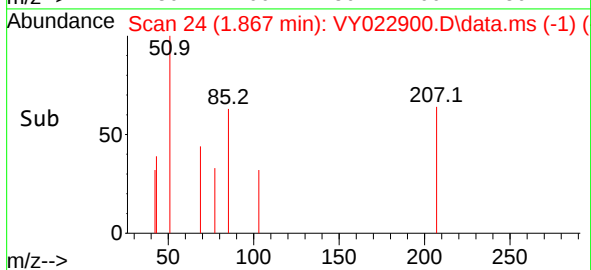
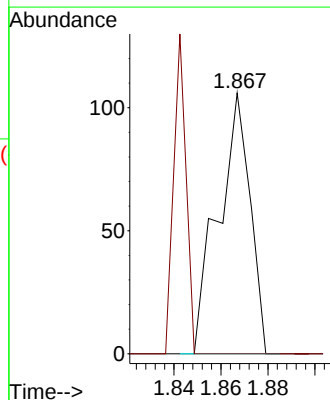
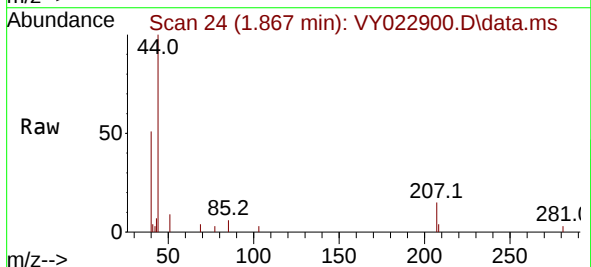
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

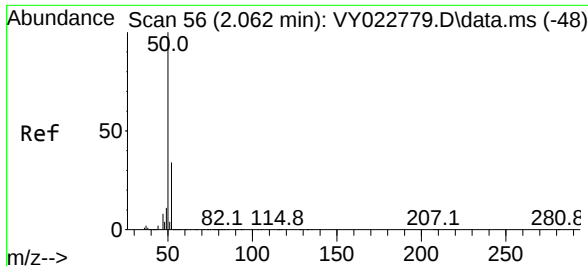
Tgt Ion:168 Resp: 6078  
Ion Ratio Lower Upper  
168 100  
99 46.0 44.3 66.5



#2  
Dichlorodifluoromethane  
Concen: 1.924 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 85 Resp: 100  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.7 50.0#

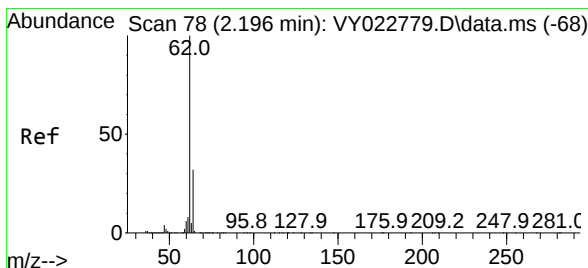
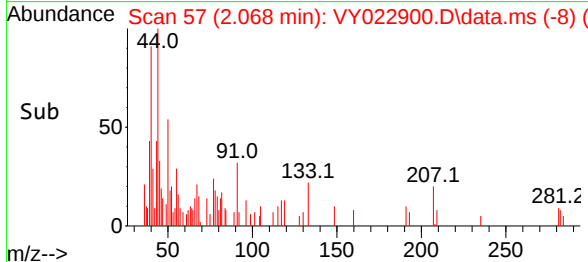
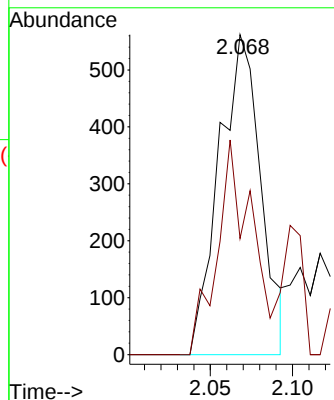
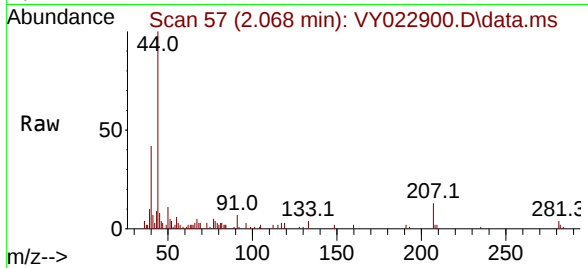




#3  
Chloromethane  
Concen: 9.975 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

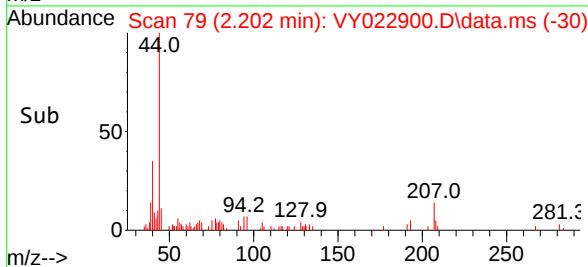
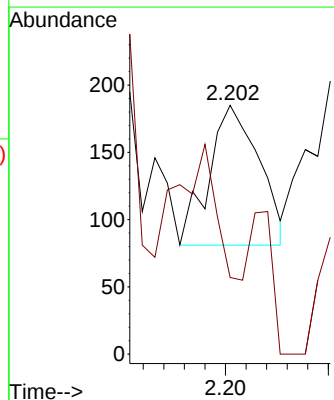
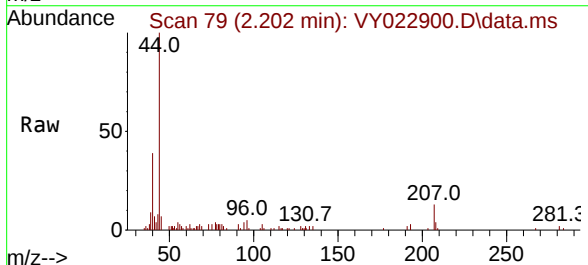
Instrument :  
MSVOA\_Y  
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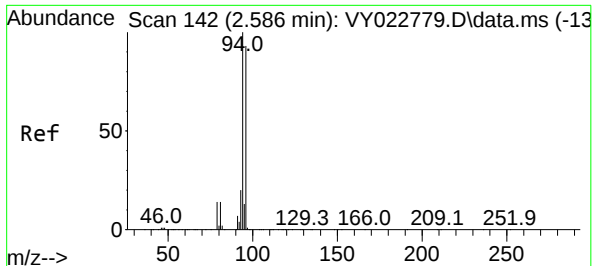
Tgt Ion: 50 Resp: 990  
Ion Ratio Lower Upper  
50 100  
52 36.3 26.0 39.0



#4  
Vinyl Chloride  
Concen: 1.419 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 62 Resp: 176  
Ion Ratio Lower Upper  
62 100  
64 54.8 25.3 37.9#

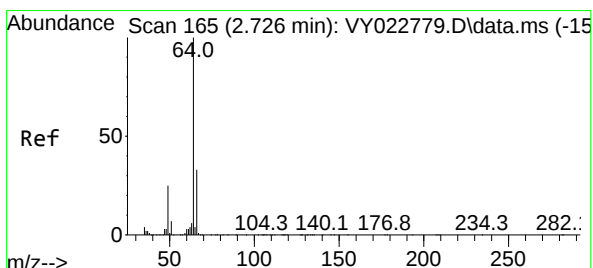
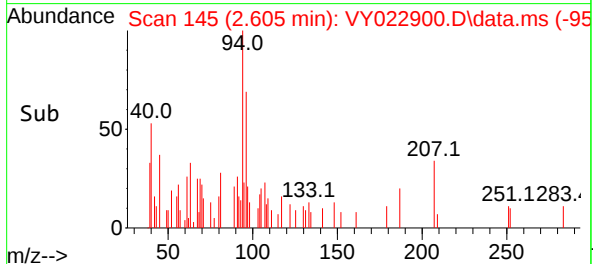
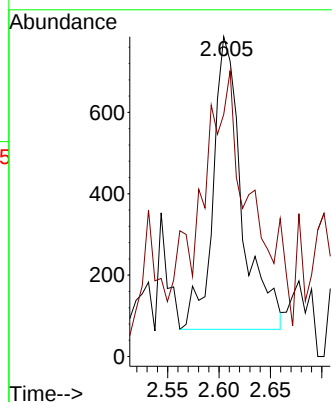
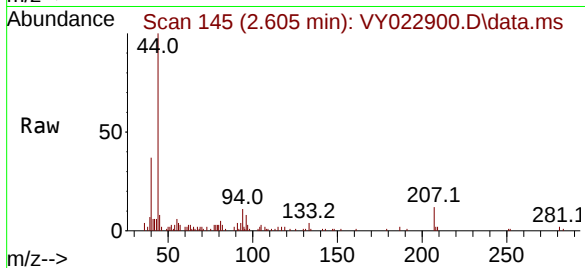




#5  
Bromomethane  
Concen: 14.455 ug/l  
RT: 2.605 min Scan# 142  
Delta R.T. 0.006 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

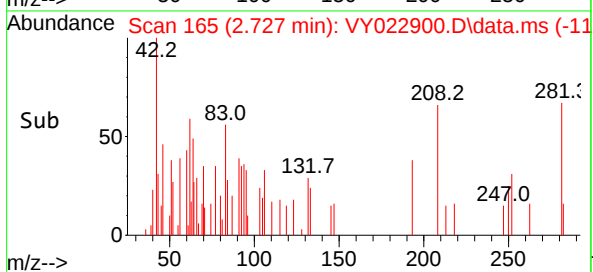
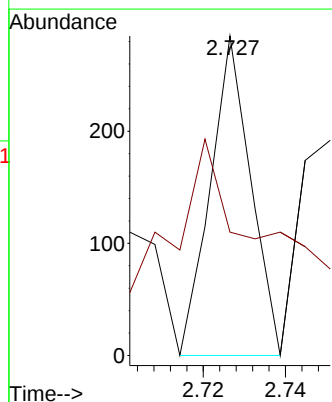
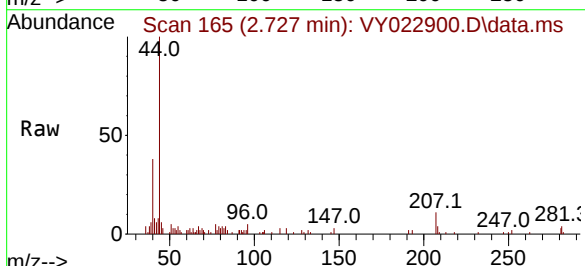
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

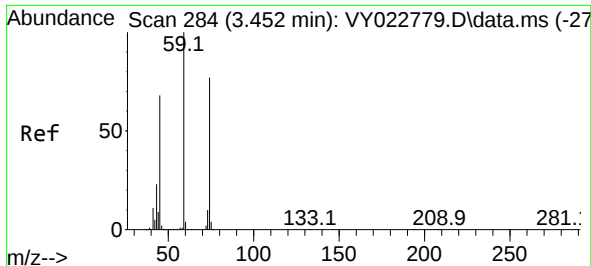
Tgt Ion: 94 Resp: 1409  
Ion Ratio Lower Upper  
94 100  
96 39.8 74.0 111.0#



#6  
Chloroethane  
Concen: 2.328 ug/l  
RT: 2.727 min Scan# 165  
Delta R.T. -0.012 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 64 Resp: 194  
Ion Ratio Lower Upper  
64 100  
66 5.6 23.8 35.6#

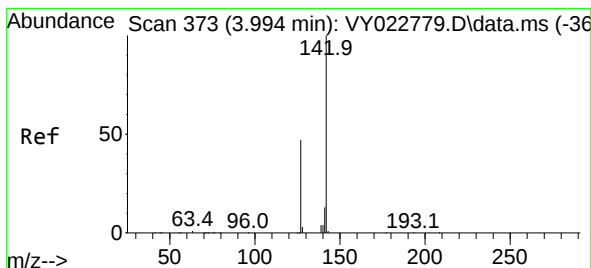
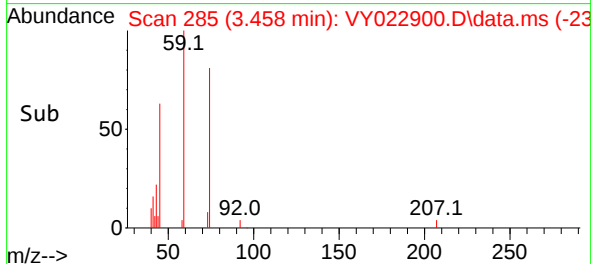
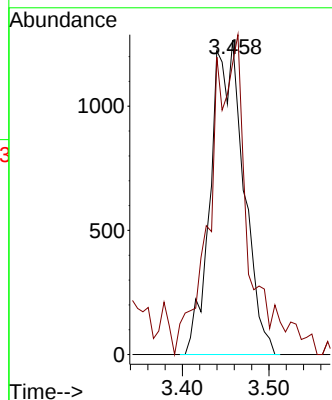
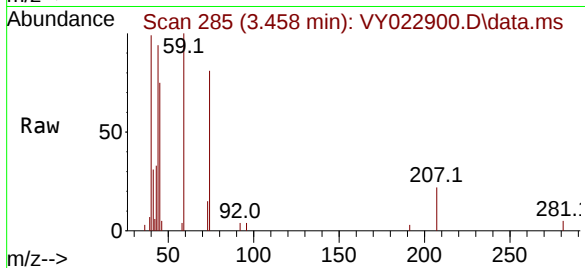




#8  
Diethyl Ether  
Concen: 98.706 ug/l  
RT: 3.458 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

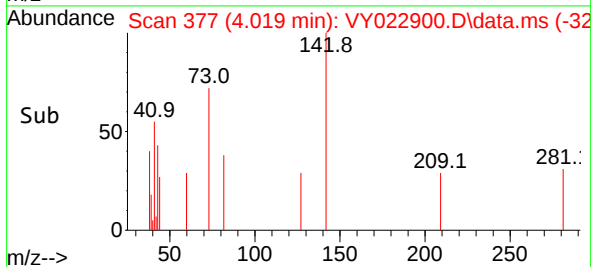
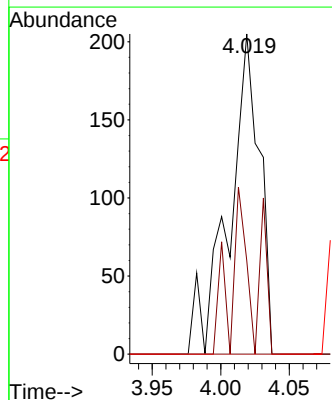
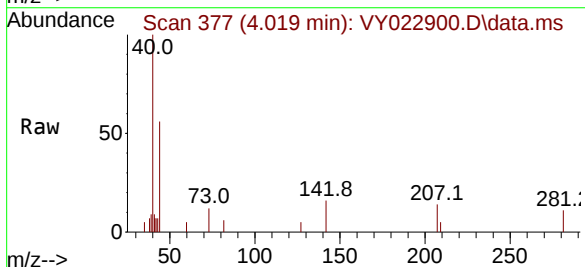
Instrument :  
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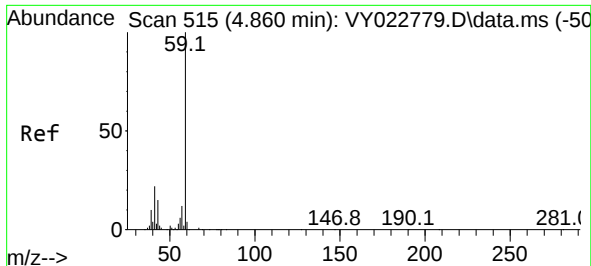
Tgt Ion: 74 Resp: 3347  
Ion Ratio Lower Upper  
74 100  
45 111.1 45.9 137.6



#10  
Methyl Iodide  
Concen: 4.670 ug/l  
RT: 4.019 min Scan# 377  
Delta R.T. 0.012 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion:142 Resp: 319  
Ion Ratio Lower Upper  
142 100  
127 27.3 37.1 55.7#  
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 10.863 ug/l

RT: 4.982 min Scan# 51

Delta R.T. 0.098 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

Instrument :

MSVOA\_Y

ClientSampleId :

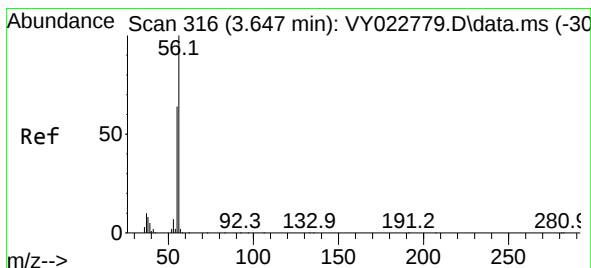
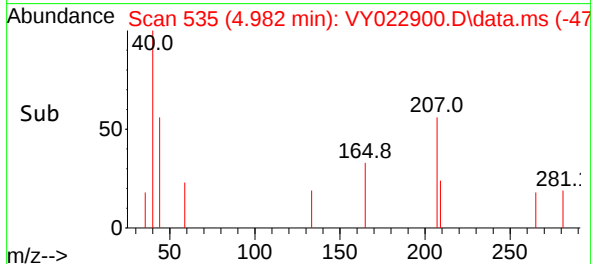
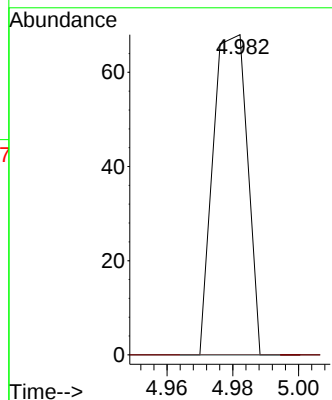
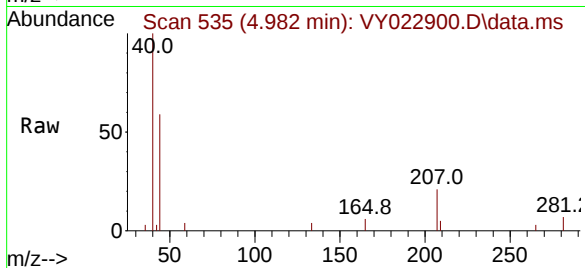
VIBLK

Tgt Ion: 59 Resp: 49

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



#13

Acrolein

Concen: 10.791 ug/l

RT: 3.665 min Scan# 319

Delta R.T. 0.006 min

Lab File: VY022900.D

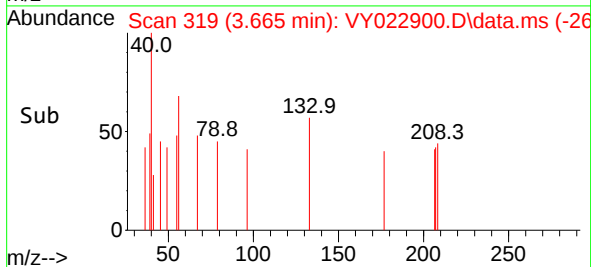
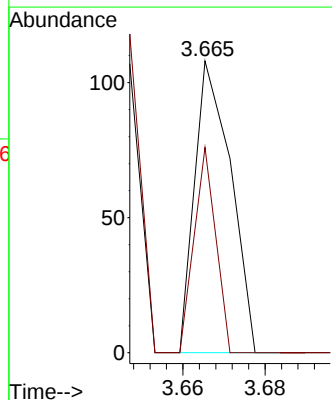
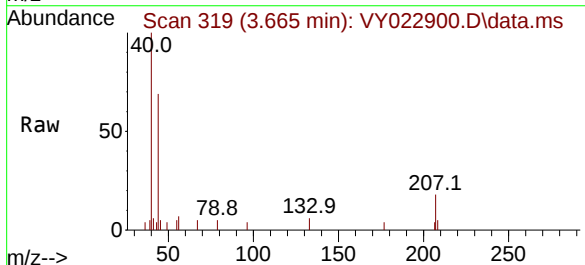
Acq: 01 Jul 2025 15:41

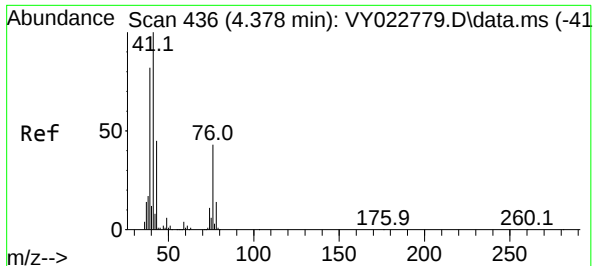
Tgt Ion: 56 Resp: 66

Ion Ratio Lower Upper

56 100

55 42.4 57.0 85.6#

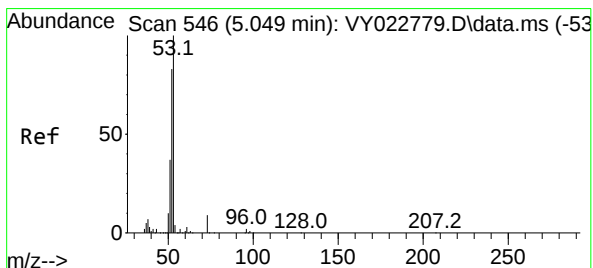
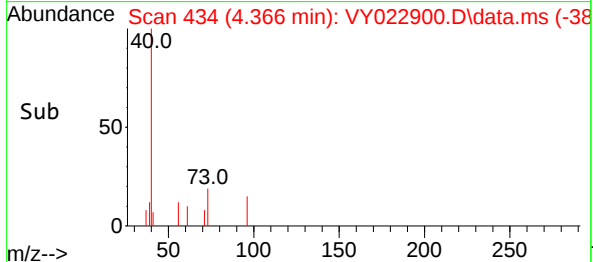
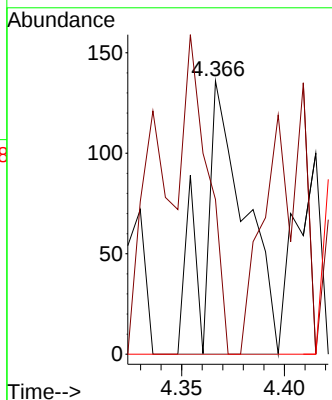
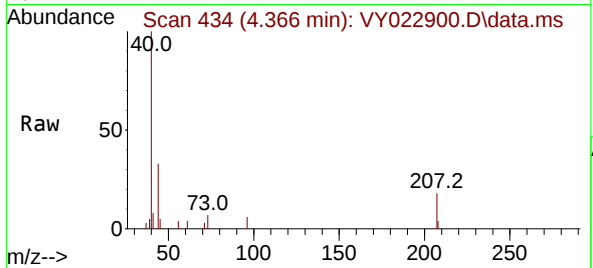




#14  
Allyl chloride  
Concen: 1.997 ug/l  
RT: 4.366 min Scan# 41  
Delta R.T. -0.024 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

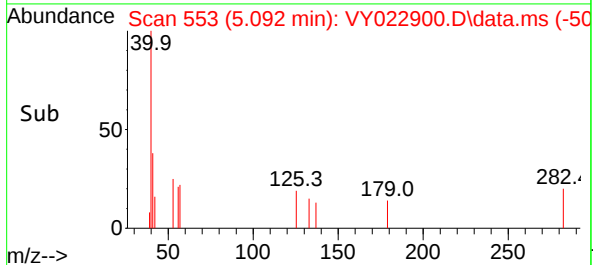
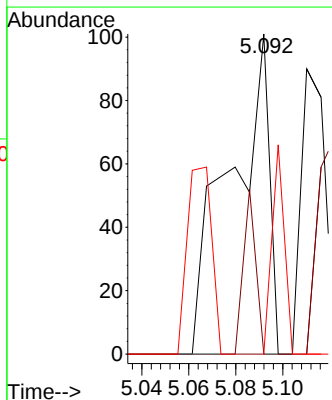
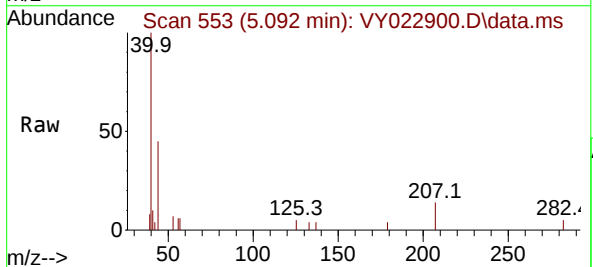
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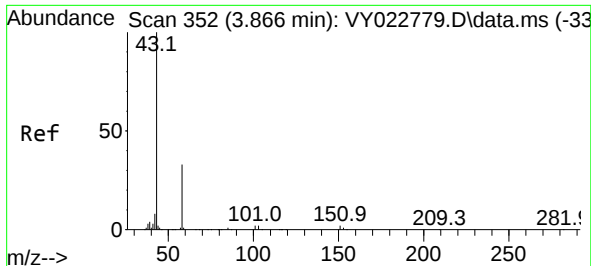
Tgt Ion: 41 Resp: 189  
Ion Ratio Lower Upper  
41 100  
39 65.1 69.1 103.7#  
76 0.0 33.5 50.3#



#15  
Acrylonitrile  
Concen: 8.270 ug/l  
RT: 5.092 min Scan# 553  
Delta R.T. 0.024 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 53 Resp: 117  
Ion Ratio Lower Upper  
53 100  
52 16.2 65.7 98.5#  
51 20.5 30.1 45.1#

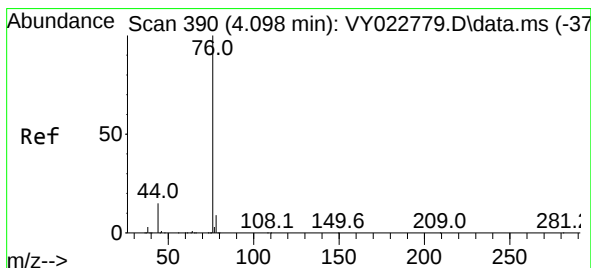
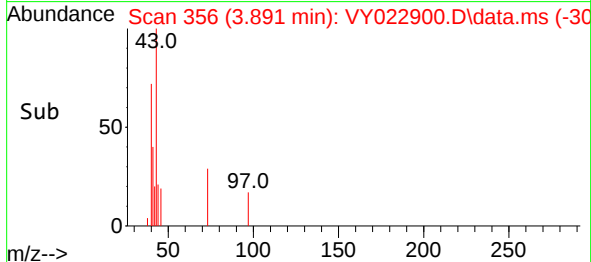
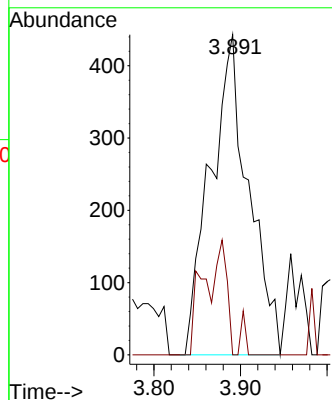
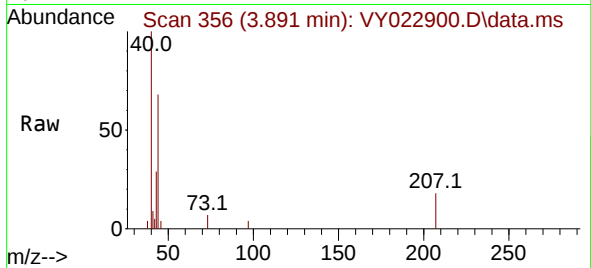




#16  
Acetone  
Concen: 106.071 ug/l  
RT: 3.891 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

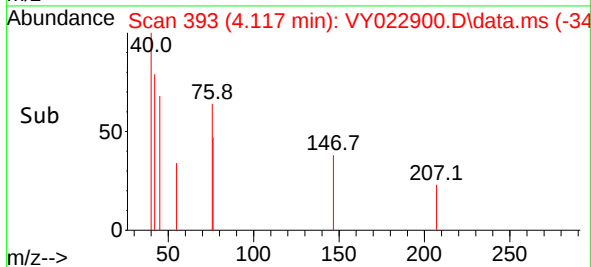
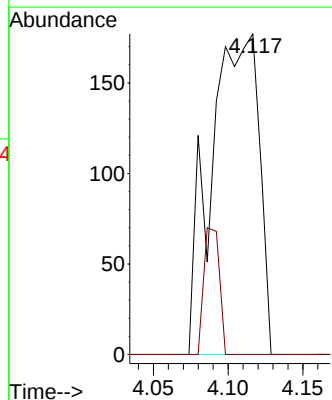
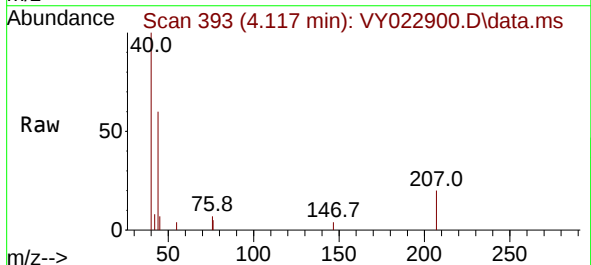
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

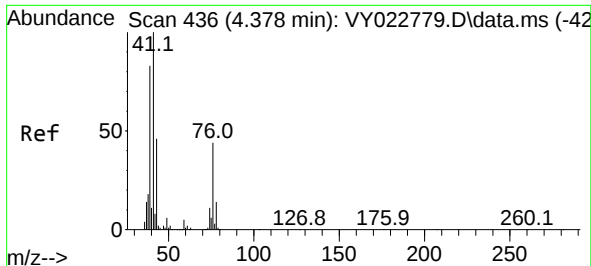
Tgt Ion: 43 Resp: 1360  
Ion Ratio Lower Upper  
43 100  
58 0.0 24.0 36.0#



#17  
Carbon Disulfide  
Concen: 1.998 ug/l  
RT: 4.117 min Scan# 393  
Delta R.T. 0.006 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 76 Resp: 397  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.2#

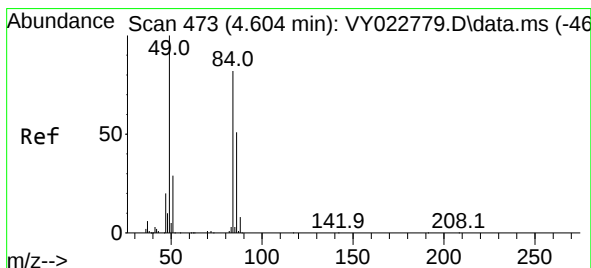
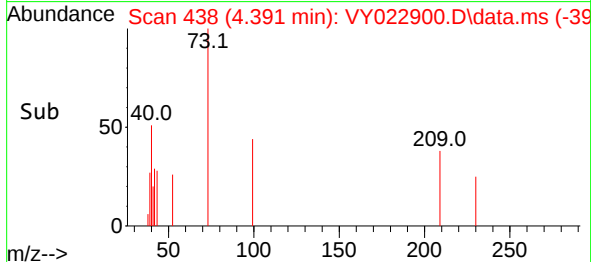
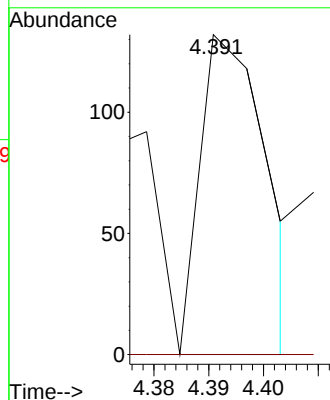
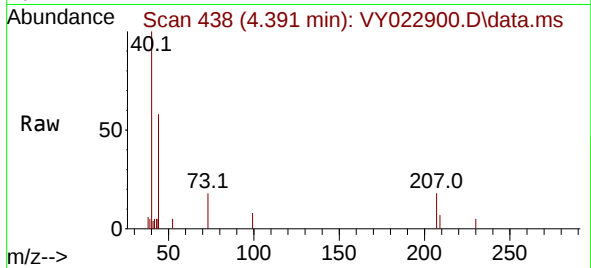




#18  
Methyl Acetate  
Concen: 2.638 ug/l  
RT: 4.391 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

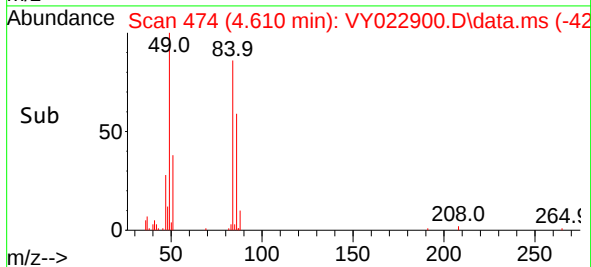
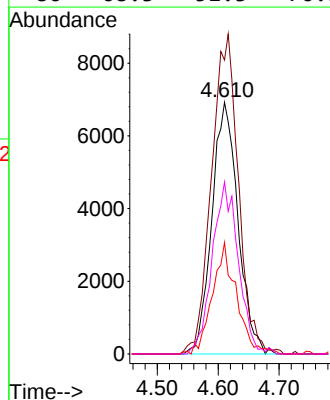
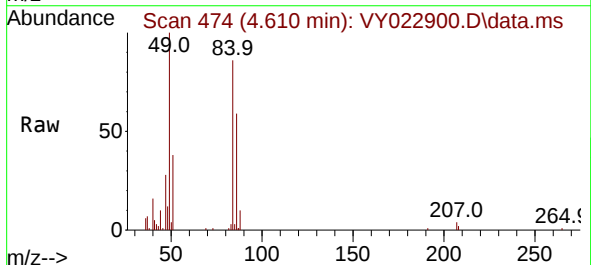
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

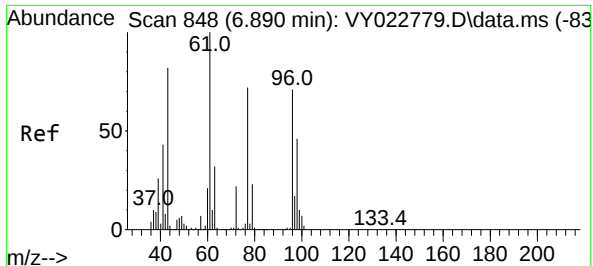
Tgt Ion: 43 Resp: 112  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.8 29.6#



#20  
Methylene Chloride  
Concen: 255.570 ug/l  
RT: 4.610 min Scan# 474  
Delta R.T. -0.012 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 84 Resp: 20694  
Ion Ratio Lower Upper  
84 100  
49 116.8 101.9 152.9  
51 44.3 29.8 44.8  
86 68.3 51.3 76.9





#25

2-Butanone

Concen: 12.593 ug/l

RT: 6.909 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

Instrument :

MSVOA\_Y

ClientSampleId :

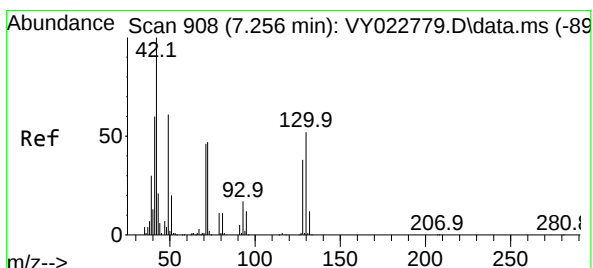
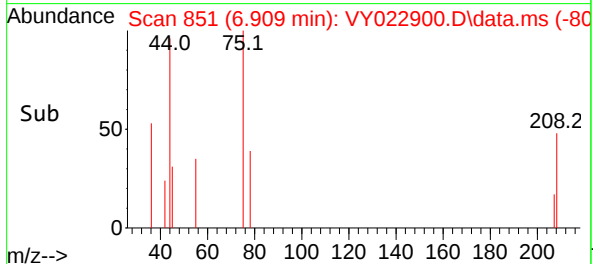
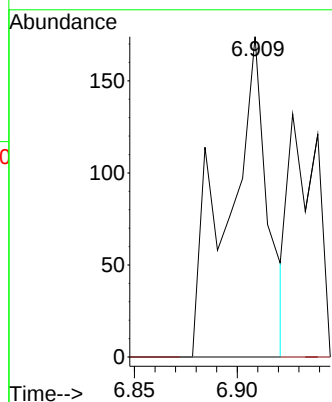
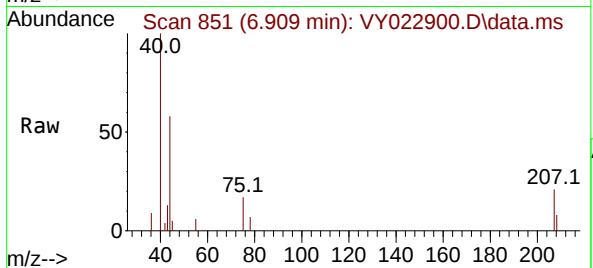
VIBLK

Tgt Ion: 43 Resp: 235

Ion Ratio Lower Upper

43 100

72 0.0 22.9 34.3#



#29

Tetrahydrofuran

Concen: 5.516 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

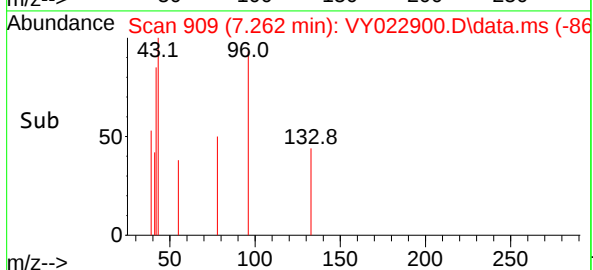
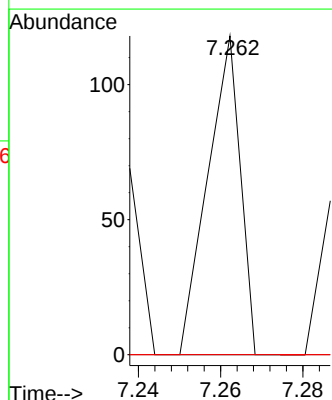
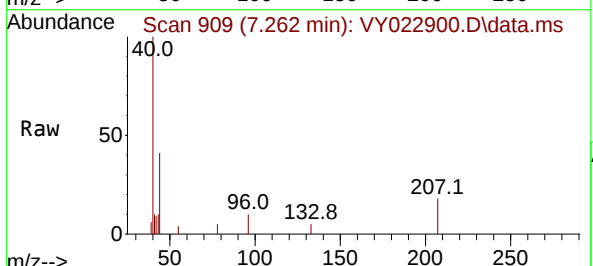
Tgt Ion: 42 Resp: 65

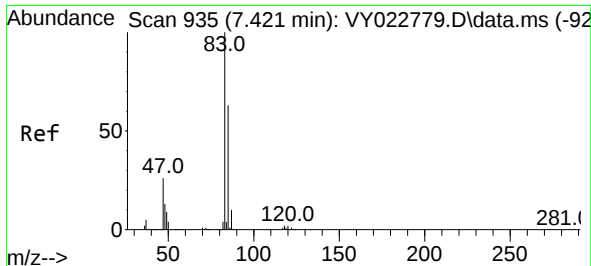
Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.2#

71 0.0 34.2 51.2#

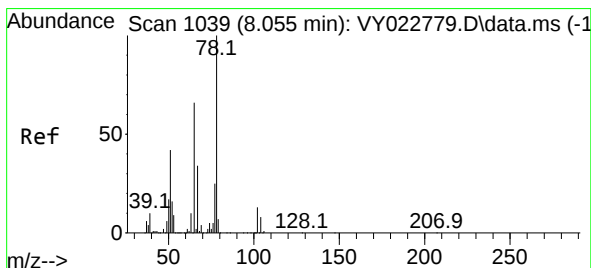
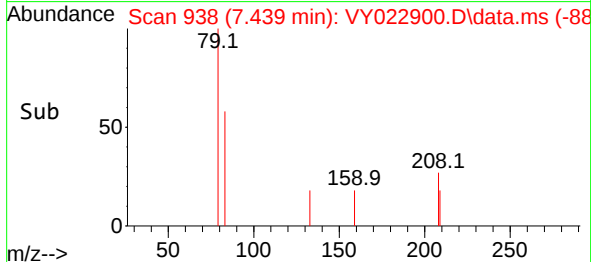
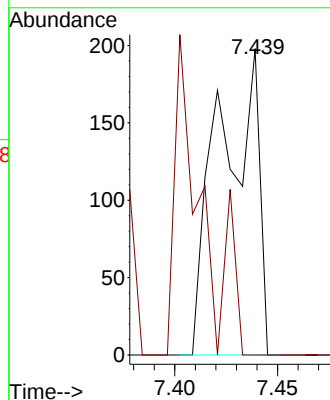
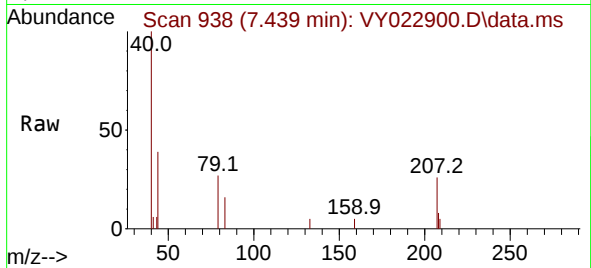




#30  
Chloroform  
Concen: 1.996 ug/l  
RT: 7.439 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

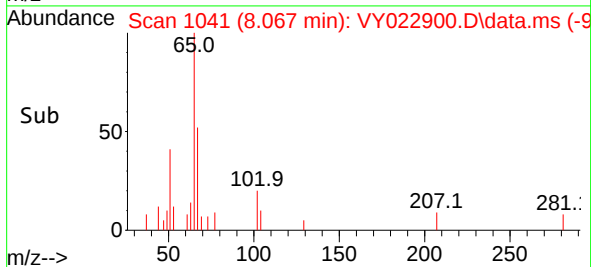
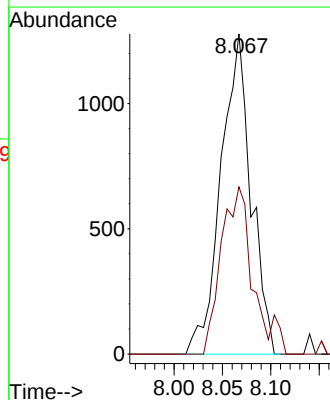
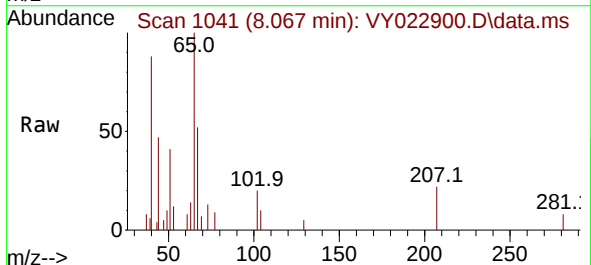
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

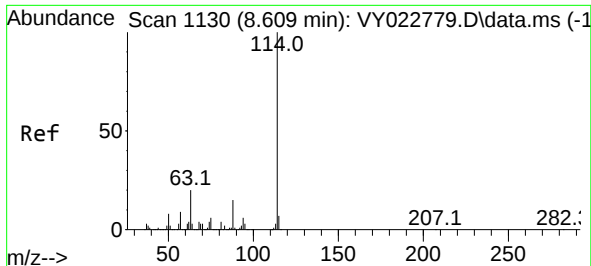
Tgt Ion: 83 Resp: 261  
Ion Ratio Lower Upper  
83 100  
85 0.0 54.2 81.4#



#33  
1,2-Dichloroethane-d4  
Concen: 40.730 ug/l  
RT: 8.067 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 65 Resp: 2763  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

Instrument :

MSVOA\_Y

ClientSampleId :

VIBLK

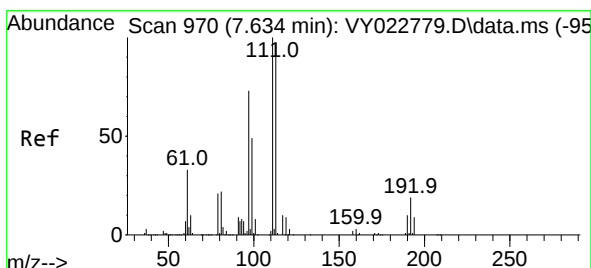
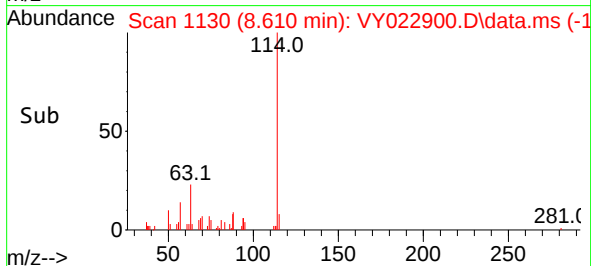
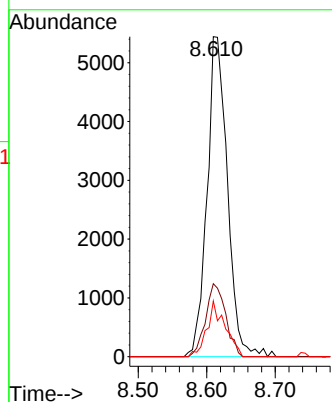
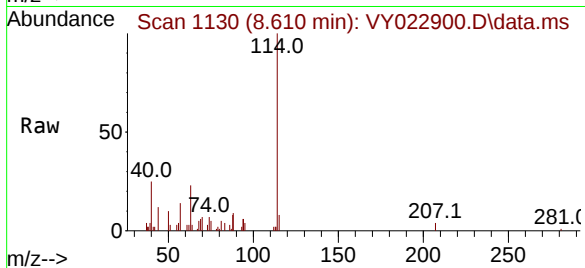
Tgt Ion:114 Resp: 11273

Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.8

88 17.4 0.0 27.8



#35

Dibromofluoromethane

Concen: 42.023 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.012 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

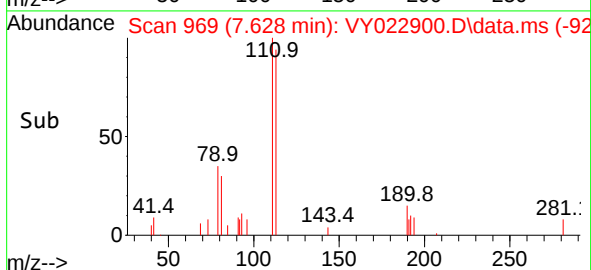
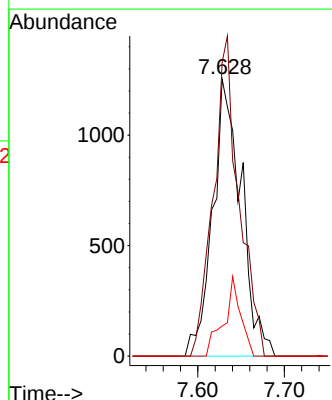
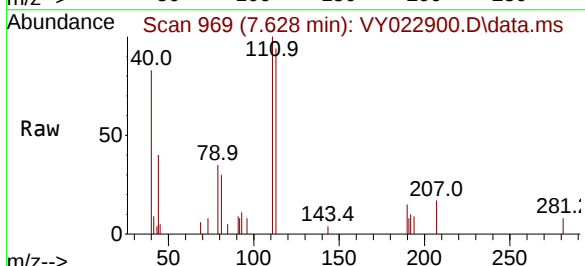
Tgt Ion:113 Resp: 2881

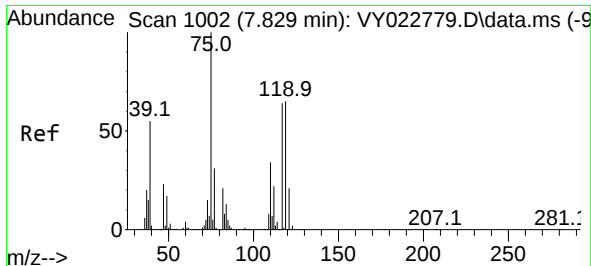
Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

192 16.8 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.581 ug/l

RT: 7.713 min Scan# 903

Delta R.T. -0.128 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

Instrument :

MSVOA\_Y

ClientSampleId :

VIBLK

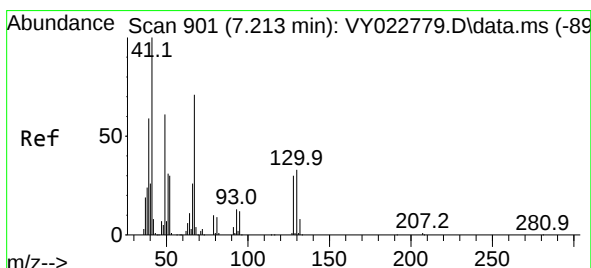
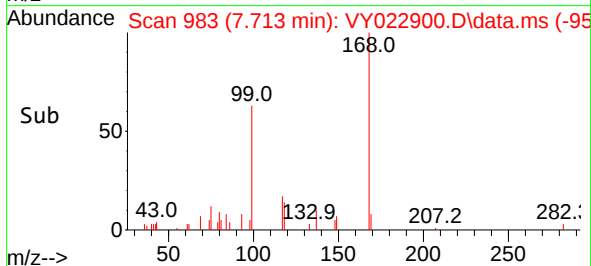
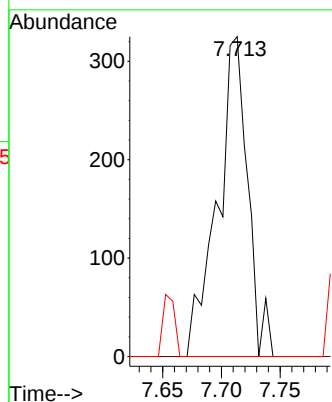
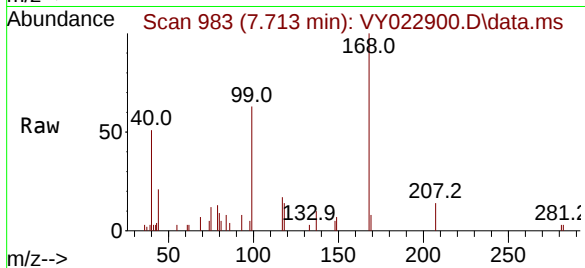
Tgt Ion: 75 Resp: 580

Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.7#

77 0.0 24.8 37.2#



#41

Methacrylonitrile

Concen: 6.520 ug/l

RT: 7.232 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

Tgt Ion: 41 Resp: 180

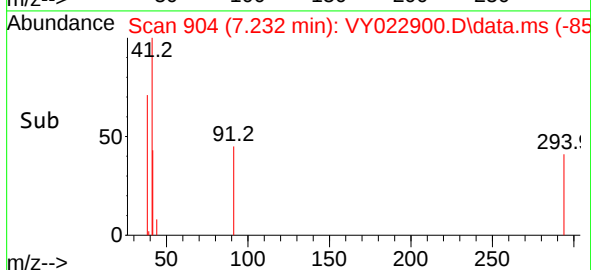
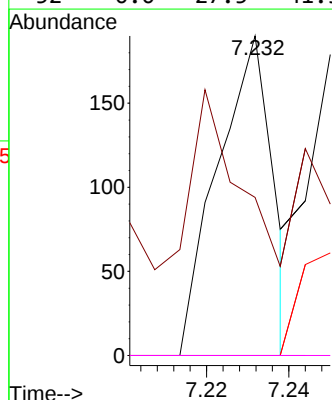
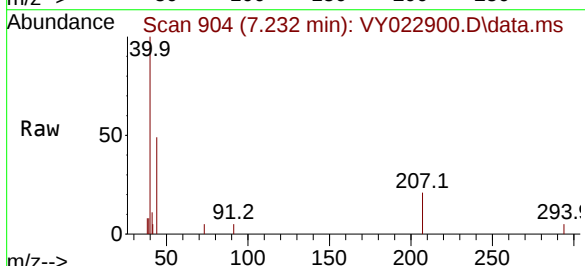
Ion Ratio Lower Upper

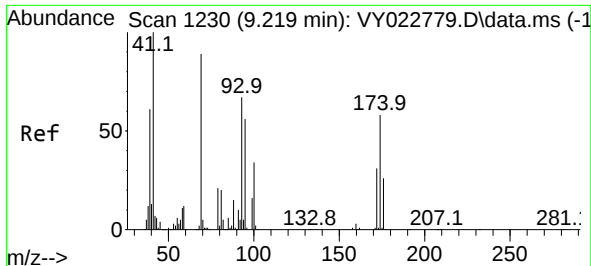
41 100

39 95.6 46.6 69.8#

67 0.0 63.3 94.9#

52 0.0 27.5 41.3#





#48

Methyl methacrylate

Concen: 1.585 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

Instrument :

MSVOA\_Y

ClientSampleId :

VIBLK

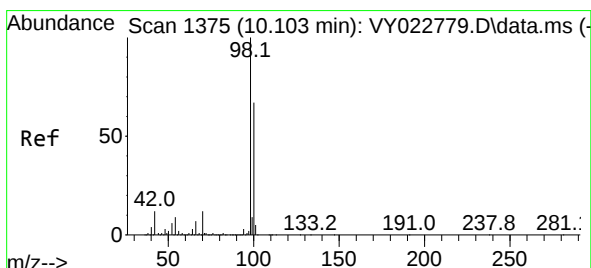
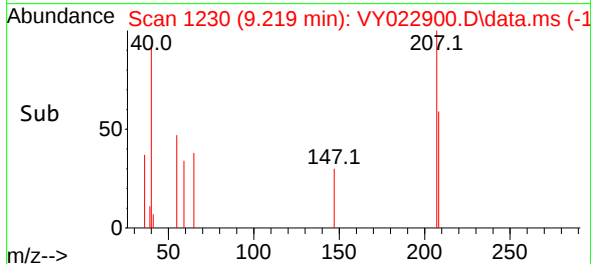
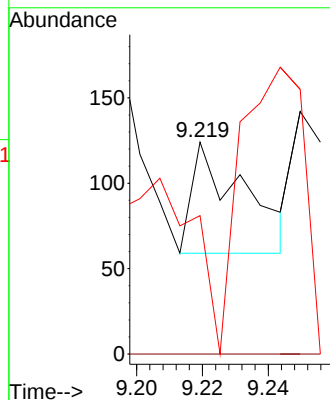
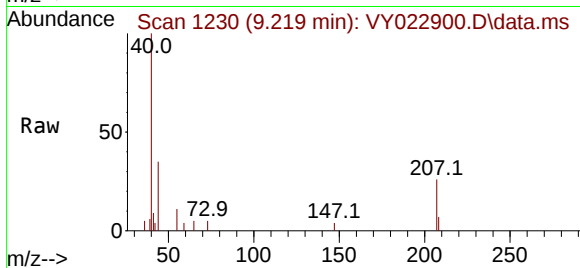
Tgt Ion: 41 Resp: 71

Ion Ratio Lower Upper

41 100

69 0.0 67.8 101.8#

39 0.0 55.0 82.4#



#50

Toluene-d8

Concen: 63.188 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022900.D

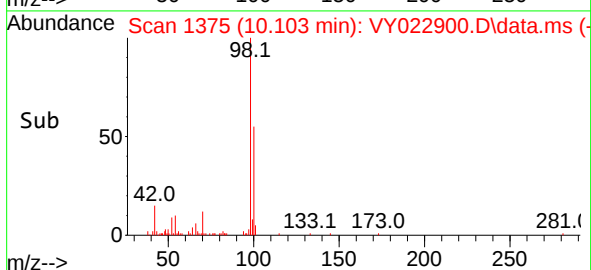
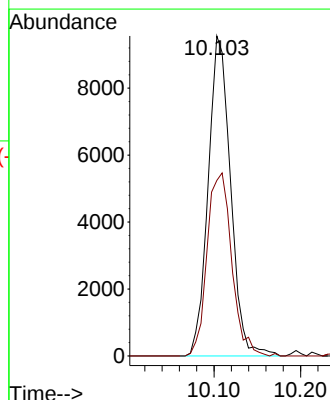
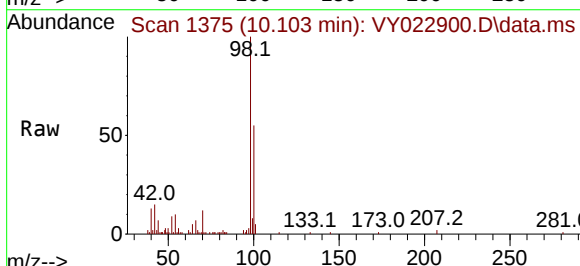
Acq: 01 Jul 2025 15:41

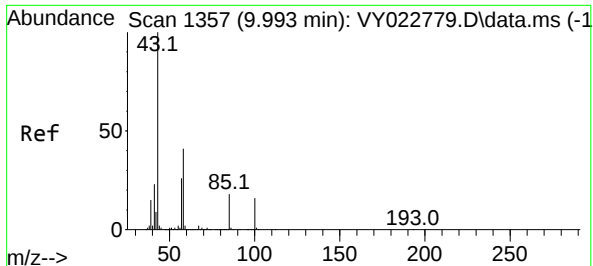
Tgt Ion: 98 Resp: 17190

Ion Ratio Lower Upper

98 100

100 62.7 51.4 77.0

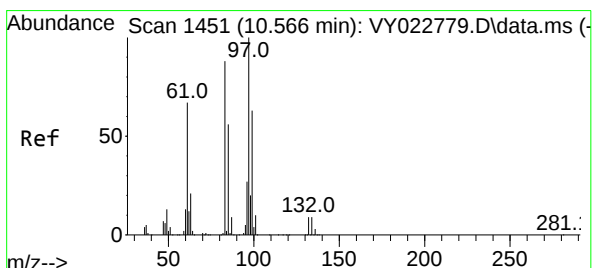
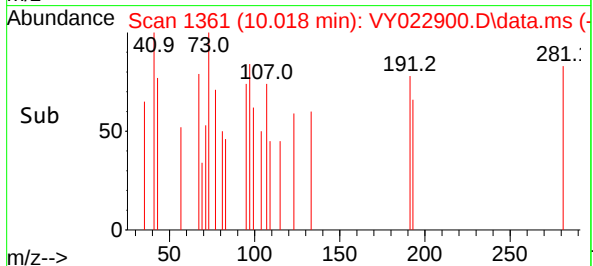
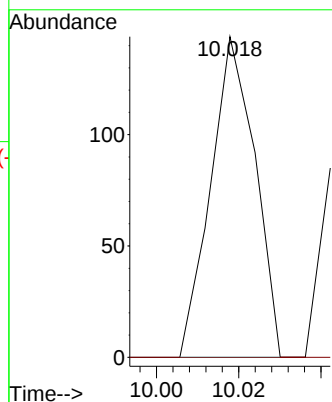
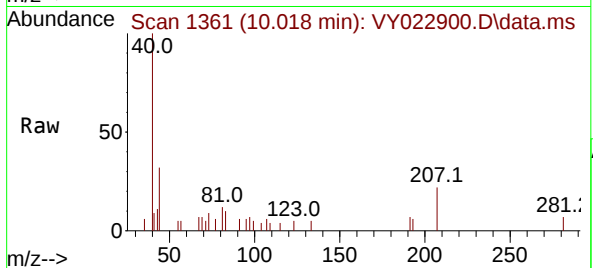




#51  
4-Methyl-2-Pentanone  
Concen: 2.280 ug/l  
RT: 10.018 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

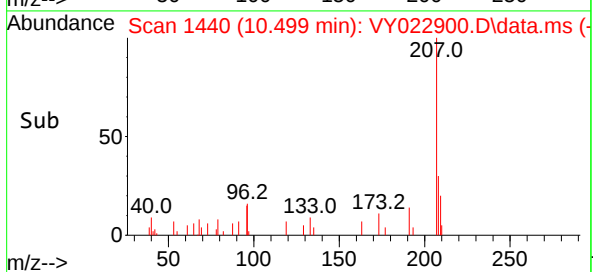
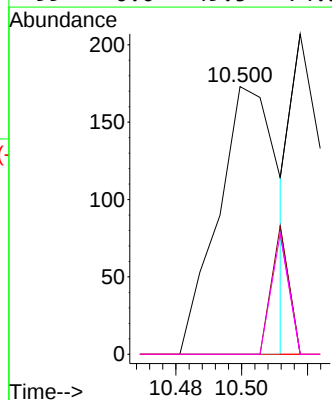
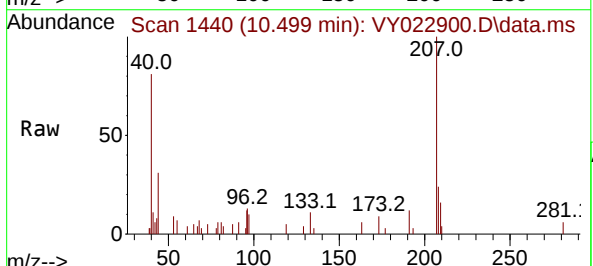
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

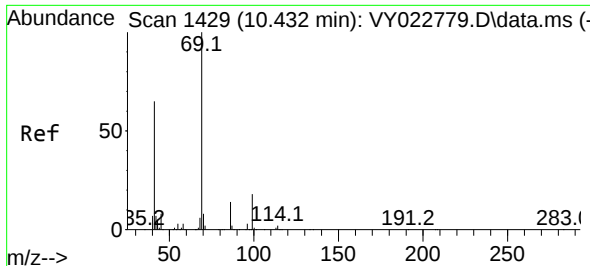
Tgt Ion: 43 Resp: 108  
Ion Ratio Lower Upper  
43 100  
58 0.0 30.4 45.6#



#55  
1,1,2-Trichloroethane  
Concen: 3.966 ug/l  
RT: 10.499 min Scan# 1440  
Delta R.T. -0.073 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 97 Resp: 218  
Ion Ratio Lower Upper  
97 100  
83 0.0 68.1 102.1#  
85 0.0 48.2 72.2#  
99 0.0 49.5 74.3#

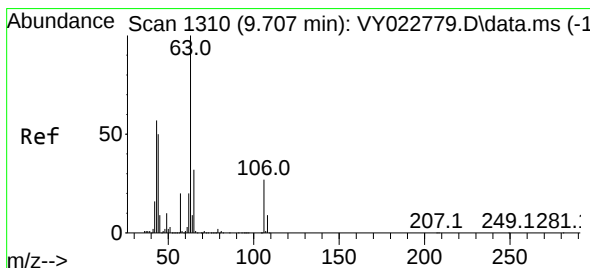
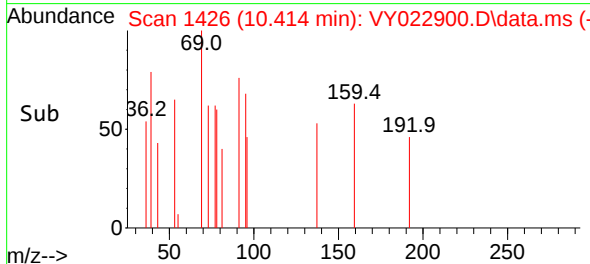
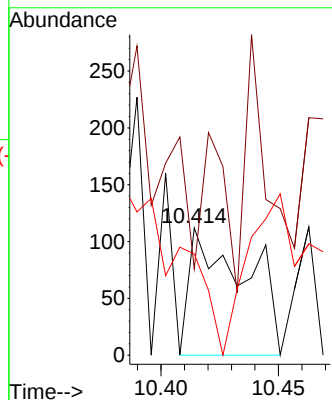
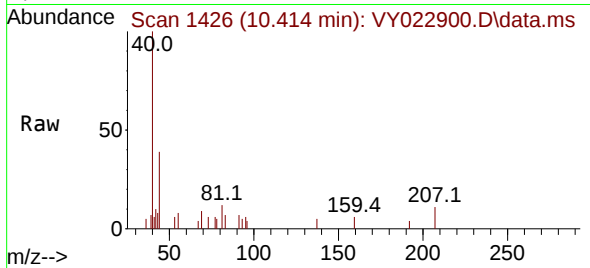




#56  
Ethyl methacrylate  
Concen: 2.488 ug/l  
RT: 10.414 min Scan# 1426  
Delta R.T. -0.030 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

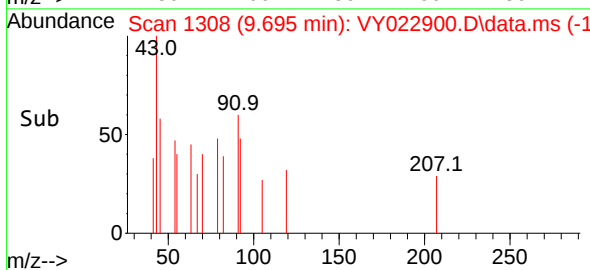
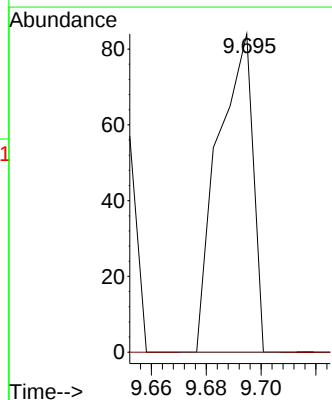
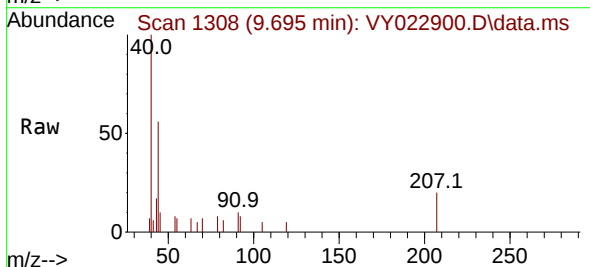
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

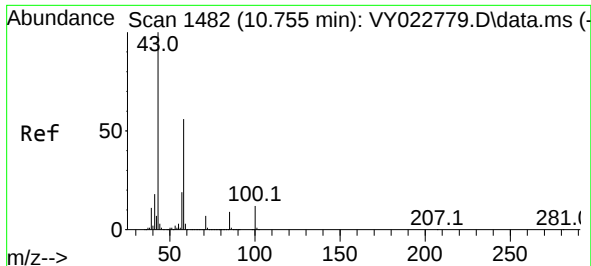
Tgt Ion: 69 Resp: 184  
Ion Ratio Lower Upper  
69 100  
41 0.0 52.2 78.2#  
39 0.0 36.7 55.1#



#58  
2-Chloroethyl Vinyl ether  
Concen: 17.440 ug/l  
RT: 9.695 min Scan# 1308  
Delta R.T. -0.018 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 63 Resp: 74  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.6 32.4#

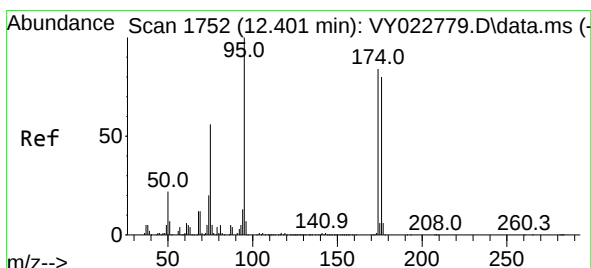
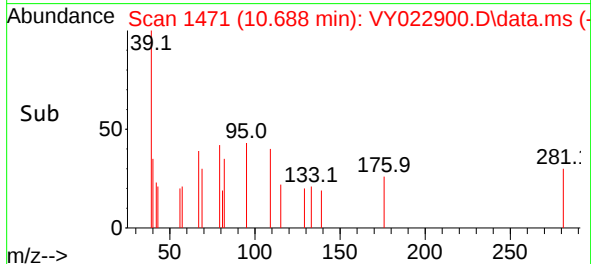
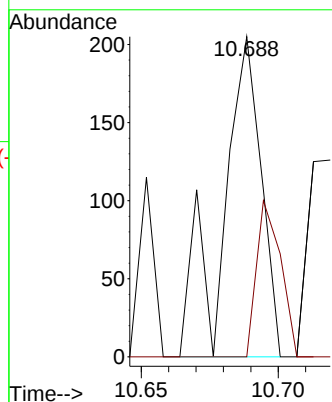
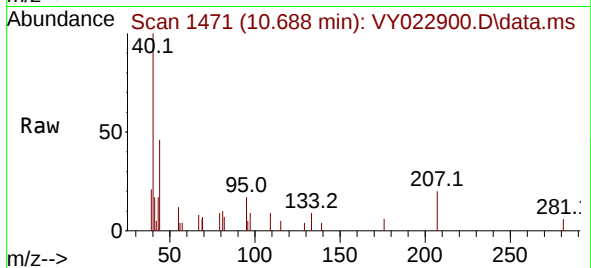




#59  
2-Hexanone  
Concen: 6.273 ug/l  
RT: 10.688 min Scan# 1482  
Delta R.T. -0.073 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

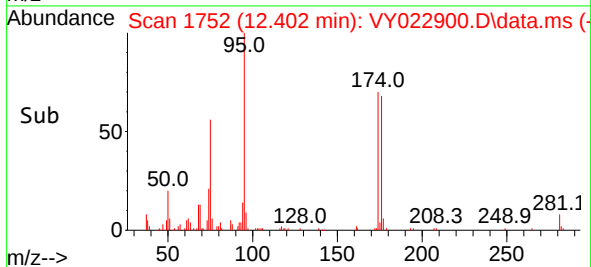
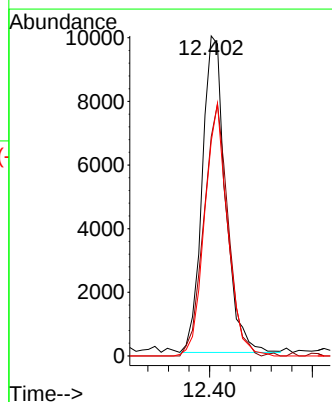
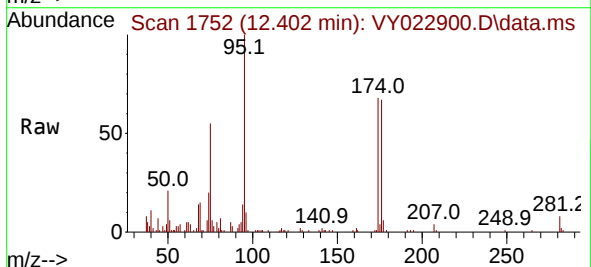
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

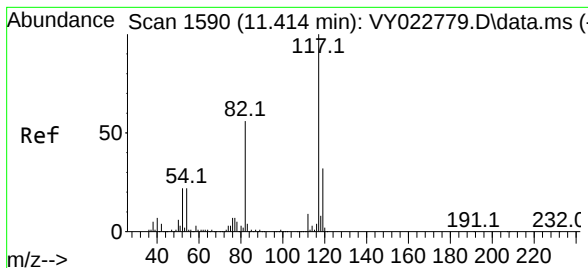
Tgt Ion: 43 Resp: 202  
Ion Ratio Lower Upper  
43 100  
58 30.2 27.3 81.8



#62  
4-Bromofluorobenzene  
Concen: 178.324 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 95 Resp: 15595  
Ion Ratio Lower Upper  
95 100  
174 83.0 0.0 170.0  
176 79.1 0.0 166.2

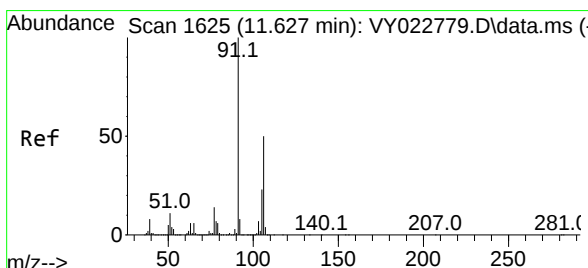
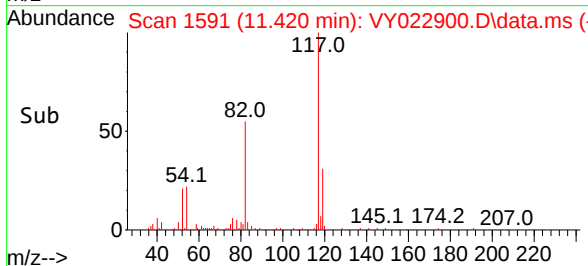
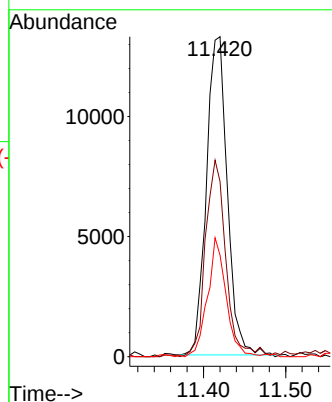
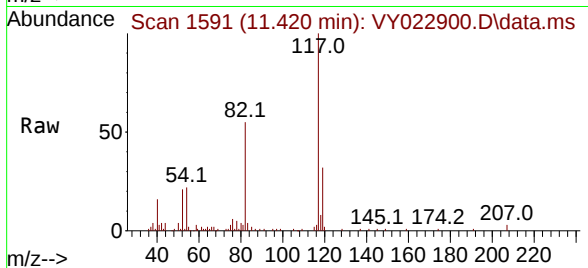




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

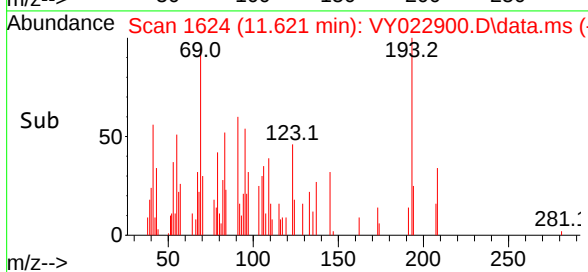
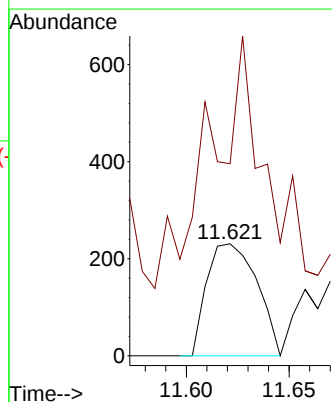
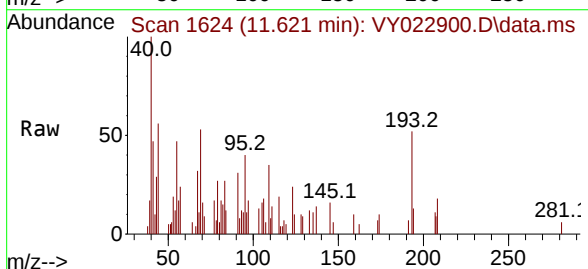
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

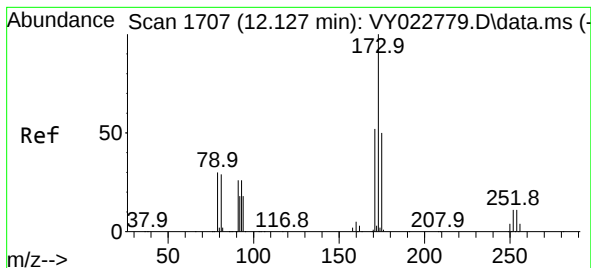
Tgt Ion:117 Resp: 23372  
Ion Ratio Lower Upper  
117 100  
82 55.0 44.6 66.8  
119 31.9 25.4 38.0



#68  
m/p-Xylenes  
Concen: 1.121 ug/l  
RT: 11.621 min Scan# 1624  
Delta R.T. -0.012 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion:106 Resp: 391  
Ion Ratio Lower Upper  
106 100  
91 293.6 159.4 239.0#





#71

Bromoform

Concen: 4.419 ug/l

RT: 12.152 min Scan# 1711

Delta R.T. 0.018 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

Instrument :

MSVOA\_Y

ClientSampleId :

VIBLK

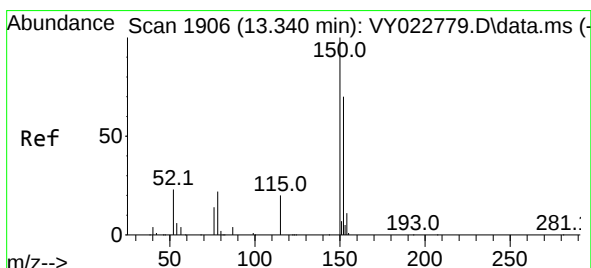
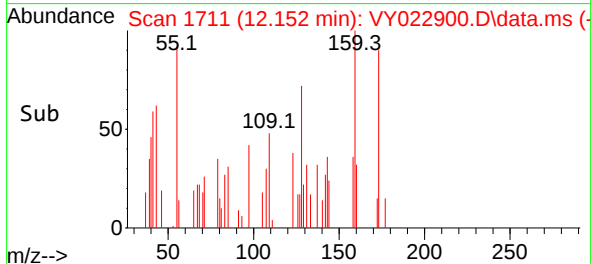
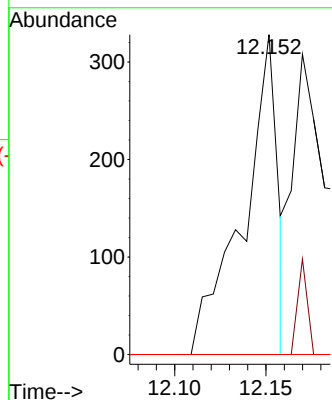
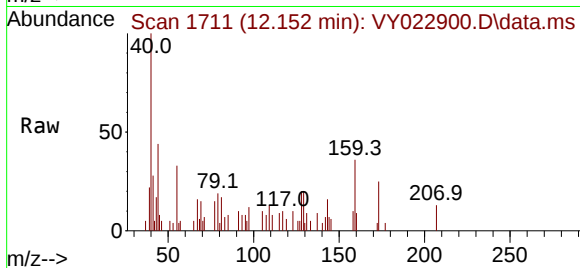
Tgt Ion:173 Resp: 428

Ion Ratio Lower Upper

173 100

175 0.0 23.8 71.5#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

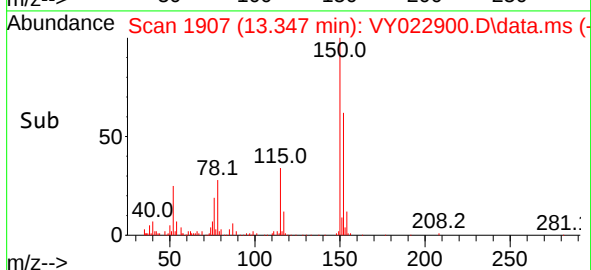
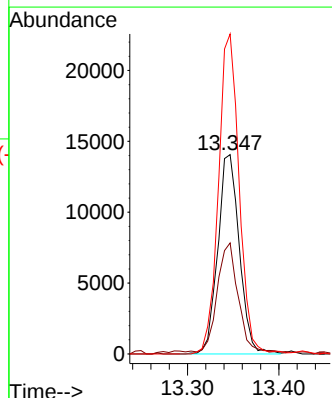
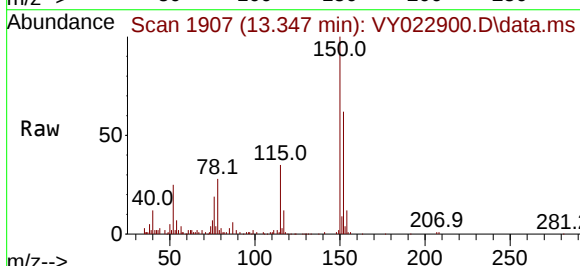
Tgt Ion:152 Resp: 23010

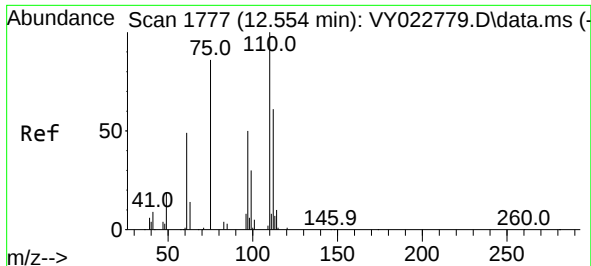
Ion Ratio Lower Upper

152 100

115 56.6 28.9 86.7

150 154.2 0.0 349.6

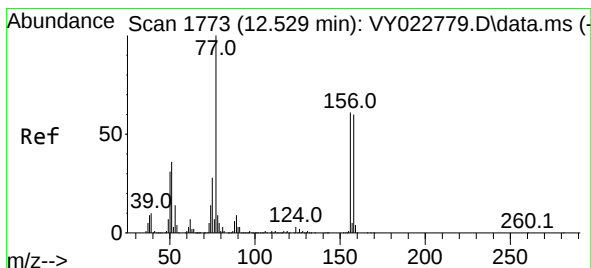
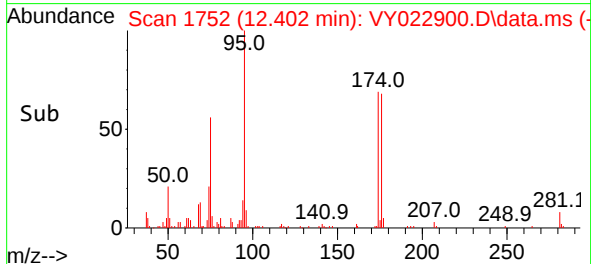
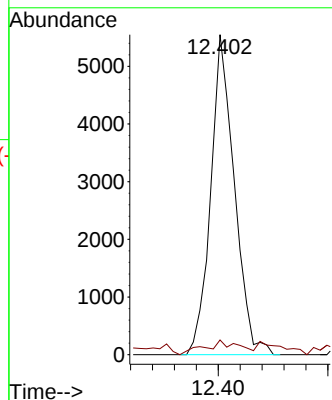
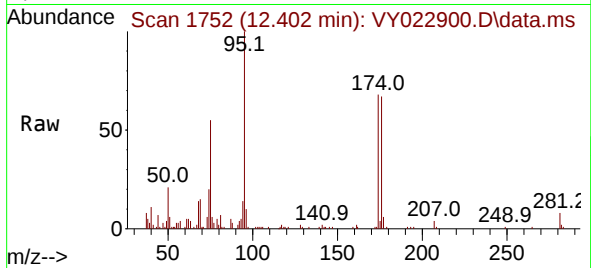




#76  
1,2,3-Trichloropropane  
Concen: 35.396 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. -0.152 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

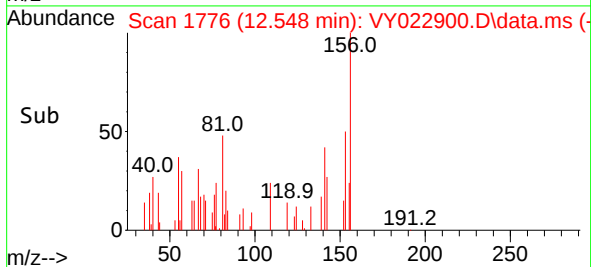
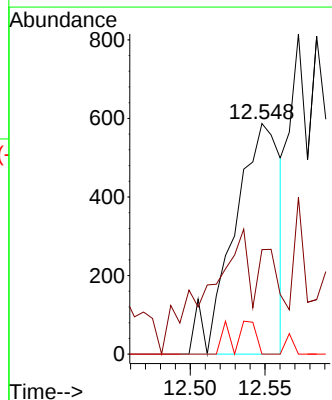
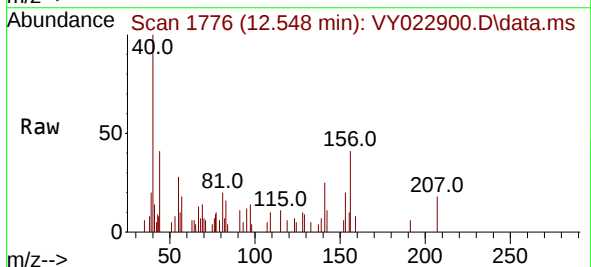
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

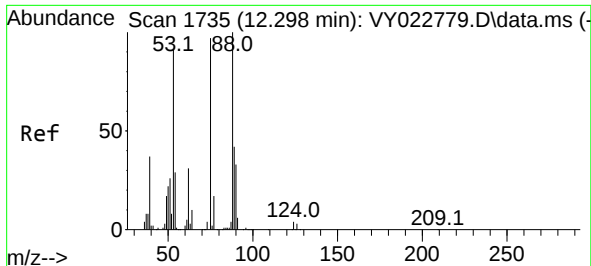
Tgt Ion: 75 Resp: 8315  
Ion Ratio Lower Upper  
75 100  
77 6.5 0.0 0.0#



#77  
Bromobenzene  
Concen: 3.267 ug/l  
RT: 12.548 min Scan# 1776  
Delta R.T. 0.012 min  
Lab File: VY022900.D  
Acq: 01 Jul 2025 15:41

Tgt Ion: 156 Resp: 1260  
Ion Ratio Lower Upper  
156 100  
77 50.6 94.0 282.1#  
158 0.0 48.2 144.6#

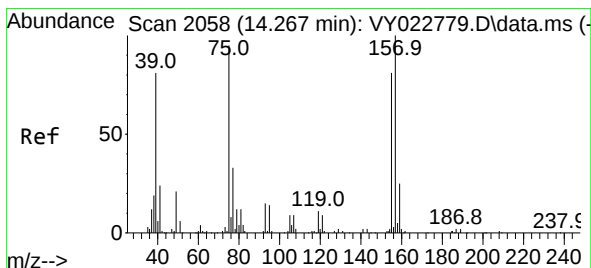
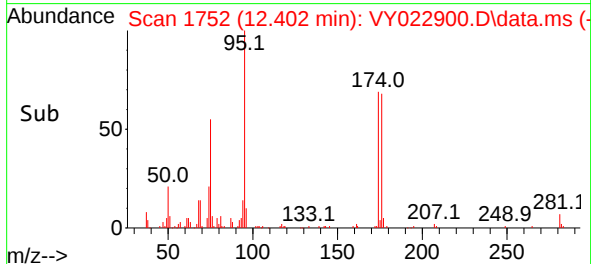
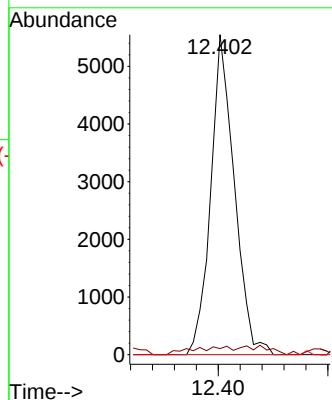
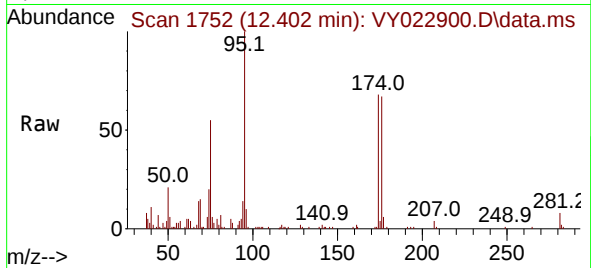




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 89.425 ug/l  
 RT: 12.402 min Scan# 11  
 Delta R.T. 0.098 min  
 Lab File: VY022900.D  
 Acq: 01 Jul 2025 15:41

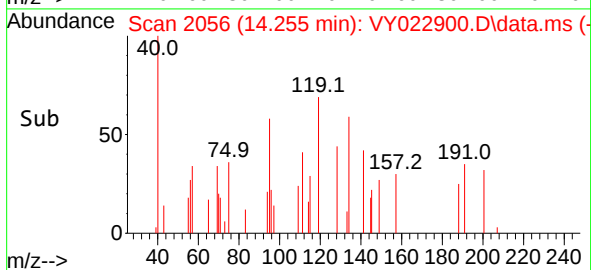
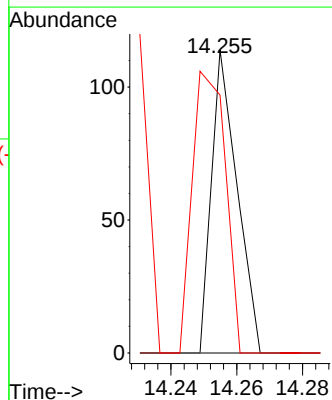
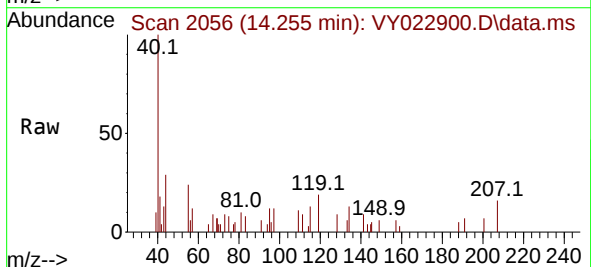
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

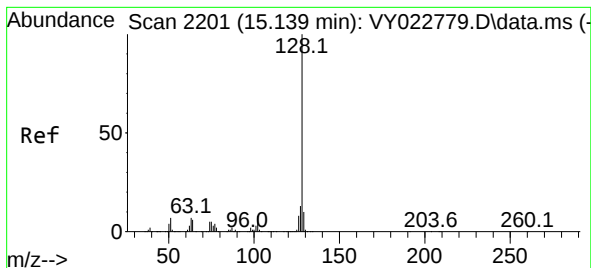
Tgt Ion: 75 Resp: 8315  
 Ion Ratio Lower Upper  
 75 100  
 53 4.3 78.5 117.7#  
 89 0.0 35.7 53.5#



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.312 ug/l  
 RT: 14.255 min Scan# 2056  
 Delta R.T. -0.018 min  
 Lab File: VY022900.D  
 Acq: 01 Jul 2025 15:41

Tgt Ion: 75 Resp: 61  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 39.9 119.6#  
 157 121.3 54.0 162.0





#95

Naphthalene

Concen: 1.320 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022900.D

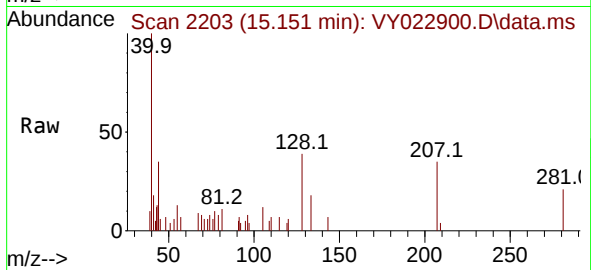
Acq: 01 Jul 2025 15:41

Instrument :

MSVOA\_Y

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 920

Ion Ratio Lower Upper

128 100

127 2.1 10.4 15.6#

129 13.9 8.9 13.3#

