

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071425\  
 Data File : VW031840.D  
 Acq On : 14 Jul 2025 11:16  
 Operator : SY/MD  
 Sample : Q2503-03  
 Misc : 4.83g/5mL/MSVOA\_W/SOIL/A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GCAP2

Quant Time: Jul 15 02:41:20 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W063025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 03:35:17 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.959  | 168  | 210867   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.849  | 114  | 390097   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 330238   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 124443   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 121517   | 40.155   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | =    | 80.320% |
| 35) Dibromofluoromethane    | 7.898  | 113   | 109893   | 43.171   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | =    | 86.340% |
| 50) Toluene-d8              | 10.325 | 98    | 454812   | 48.011   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | =    | 96.020% |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 132548   | 38.022   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | =    | 76.040% |

|                               |        |     |         |         |        |    |
|-------------------------------|--------|-----|---------|---------|--------|----|
| Target Compounds              |        |     |         |         | Qvalue |    |
| 11) Tert butyl alcohol        | 5.222  | 59  | 916     | 4.886   | ug/l # | 69 |
| 13) Acrolein                  | 4.149  | 56  | 16237   | 48.186  | ug/l # | 77 |
| 14) Allyl chloride            | 4.942  | 41  | 248909  | 64.566  | ug/l # | 56 |
| 15) Acrylonitrile             | 5.460  | 53  | 64359   | 83.339  | ug/l # | 40 |
| 16) Acetone                   | 4.161  | 43  | 183992  | 245.985 | ug/l   | 94 |
| 17) Carbon Disulfide          | 4.417  | 76  | 14969   | 2.226   | ug/l   | 99 |
| 18) Methyl Acetate            | 4.936  | 43  | 592538  | 277.183 | ug/l # | 49 |
| 25) 2-Butanone                | 7.191  | 43  | 79299   | 81.491  | ug/l # | 87 |
| 26) 2,2-Dichloropropane       | 7.002  | 77  | 30637   | 10.772  | ug/l # | 52 |
| 30) Chloroform                | 7.642  | 83  | 26355   | 5.088   | ug/l # | 19 |
| 31) Cyclohexane               | 7.972  | 56  | 1772349 | 411.327 | ug/l   | 93 |
| 36) 1,1-Dichloropropene       | 7.959  | 75  | 20803   | 5.648   | ug/l # | 9  |
| 37) Ethyl Acetate             | 7.191  | 43  | 79299   | 34.127  | ug/l # | 68 |
| 38) Carbon Tetrachloride      | 7.959  | 117 | 23868   | 6.359   | ug/l # | 16 |
| 39) Methylcyclohexane         | 9.343  | 83  | 3108704 | 678.321 | ug/l   | 97 |
| 41) Methacrylonitrile         | 7.539  | 41  | 5085    | 4.085   | ug/l # | 38 |
| 42) 1,2-Dichloroethane        | 8.447  | 62  | 7139    | 1.939   | ug/l # | 1  |
| 43) Isopropyl Acetate         | 8.435  | 43  | 304409  | 75.998  | ug/l # | 53 |
| 45) 1,2-Dichloropropane       | 9.343  | 63  | 35436   | 13.454  | ug/l # | 1  |
| 47) Bromodichloromethane      | 9.618  | 83  | 38326   | 9.611   | ug/l # | 33 |
| 48) Methyl methacrylate       | 9.520  | 41  | 281585  | 142.972 | ug/l # | 56 |
| 51) 4-Methyl-2-Pentanone      | 10.246 | 43  | 14374   | 6.242   | ug/l # | 58 |
| 52) Toluene                   | 10.392 | 92  | 25535   | 3.660   | ug/l   | 97 |
| 55) 1,1,2-Trichloroethane     | 10.764 | 97  | 282563  | 126.853 | ug/l # | 22 |
| 56) Ethyl methacrylate        | 10.666 | 69  | 120220  | 39.782  | ug/l # | 16 |
| 58) 2-Chloroethyl Vinyl ether | 9.904  | 63  | 1756    | 1.055   | ug/l # | 45 |
| 59) 2-Hexanone                | 10.995 | 43  | 2302    | 1.475   | ug/l # | 27 |
| 67) Ethyl Benzene             | 11.733 | 91  | 17565   | 1.390   | ug/l   | 89 |
| 68) m/p-Xylenes               | 11.837 | 106 | 99062   | 20.396  | ug/l   | 95 |
| 69) o-Xylene                  | 12.166 | 106 | 19927   | 4.431   | ug/l   | 92 |
| 73) Isopropylbenzene          | 12.465 | 105 | 235287  | 24.857  | ug/l   | 99 |
| 74) N-amyl acetate            | 12.251 | 43  | 29408   | 11.526  | ug/l # | 41 |
| 75) 1,1,2,2-Tetrachloroethane | 12.690 | 83  | 8007    | 3.810   | ug/l # | 44 |
| 76) 1,2,3-Trichloropropane    | 12.800 | 75  | 3119    | 1.939   | ug/l # | 1  |
| 78) n-propylbenzene           | 12.800 | 91  | 426293  | 37.608  | ug/l   | 97 |
| 79) 2-Chlorotoluene           | 12.940 | 91  | 15655   | 2.294   | ug/l # | 71 |

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 Sample : Q2503-03  
 Misc : 4.83g/5mL/MSVOA\_W/SOIL/A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GCAP2

Quant Time: Jul 15 02:41:20 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W063025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 03:35:17 2025  
 Response via : Initial Calibration

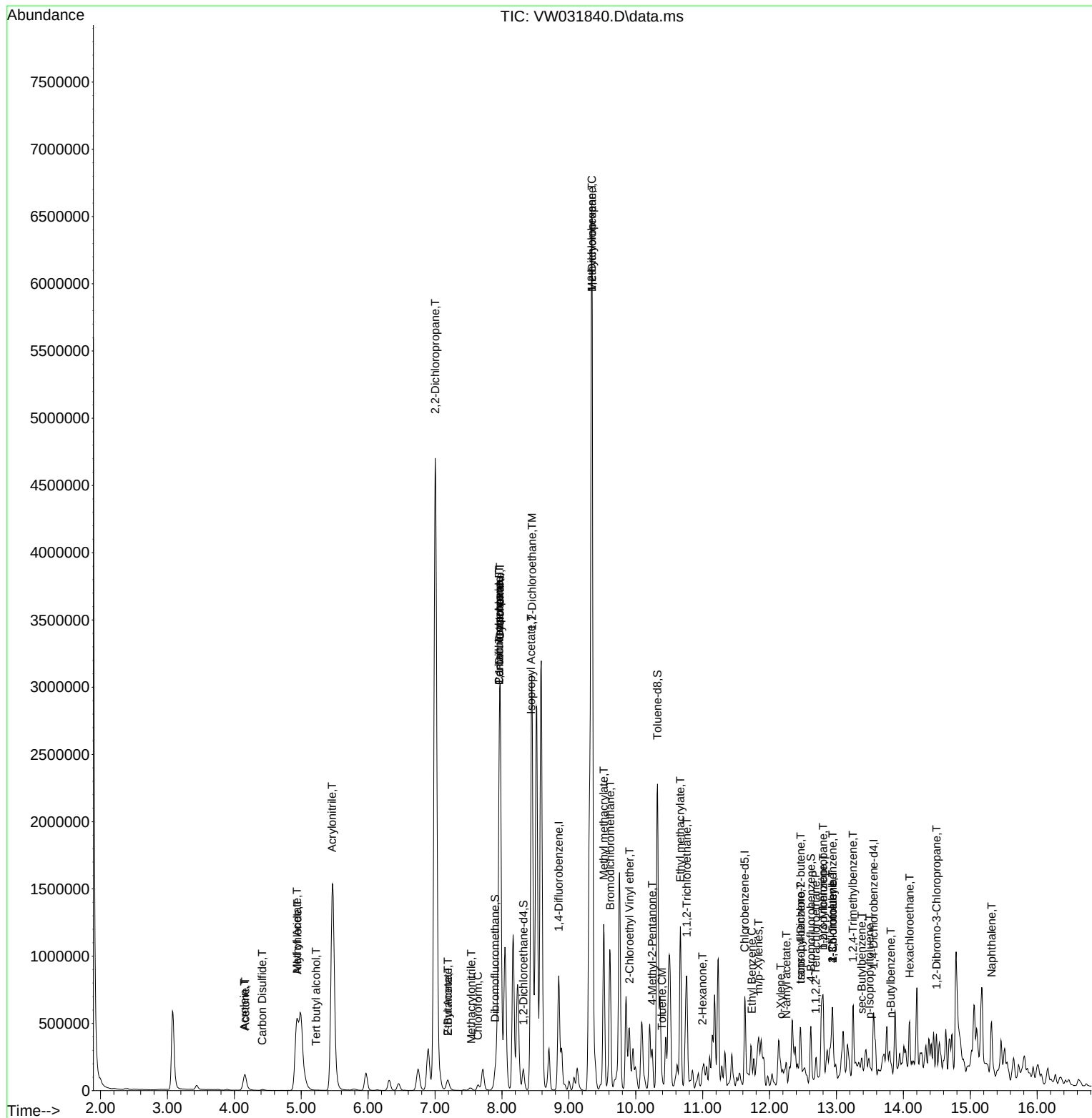
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 127325   | 16.250 | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.465 | 75   | 3239     | 4.691  | ug/l # | 65       |
| 82) 4-Chlorotoluene           | 12.940 | 91   | 15655    | 2.185  | ug/l # | 70       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 289573   | 36.475 | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 54204    | 5.381  | ug/l # | 72       |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 35983    | 4.334  | ug/l   | 92       |
| 89) n-Butylbenzene            | 13.812 | 91   | 28799    | 3.570  | ug/l # | 83       |
| 90) Hexachloroethane          | 14.092 | 117  | 17058    | 11.388 | ug/l # | 19       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.495 | 75   | 1009     | 2.459  | ug/l # | 13       |
| 95) Naphthalene               | 15.318 | 128  | 12111    | 2.070  | ug/l # | 1        |
| -----                         |        |      |          |        |        |          |

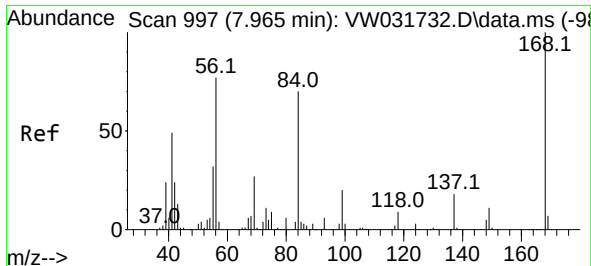
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jul 01 03:35:17 2025  
Response via : Initial Calibration

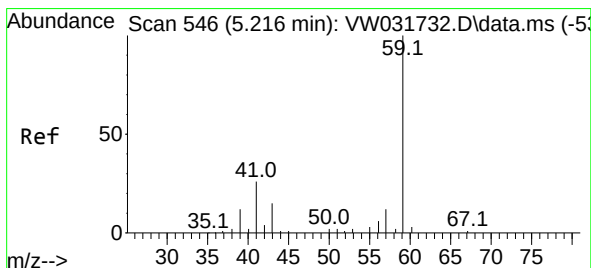
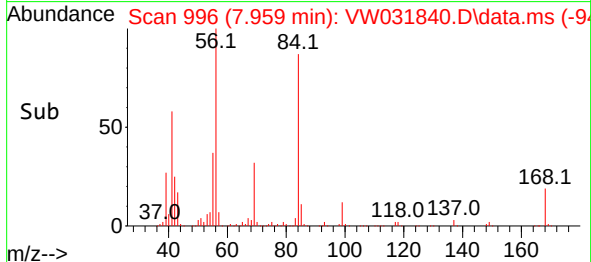
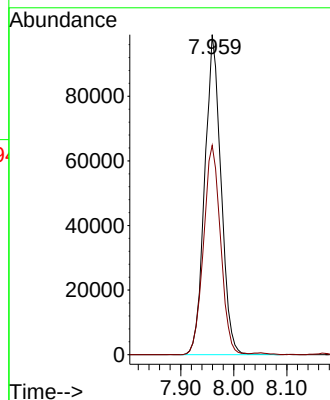
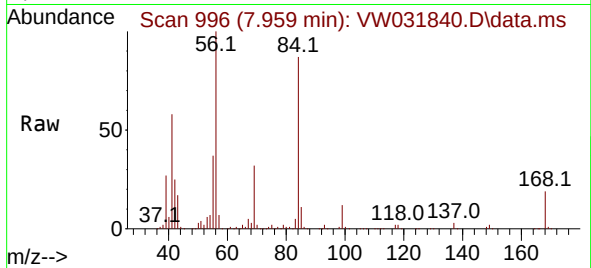




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

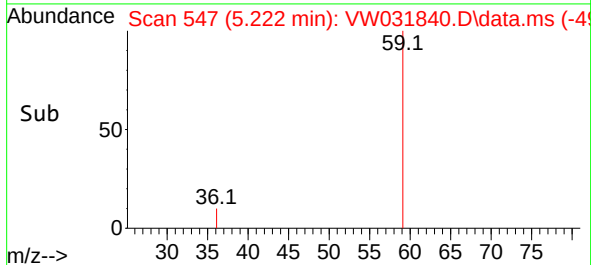
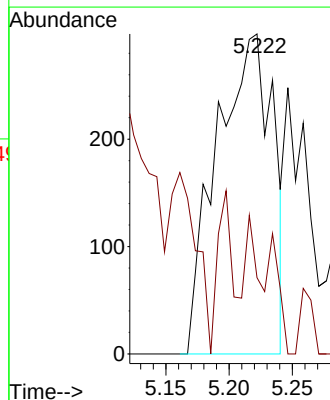
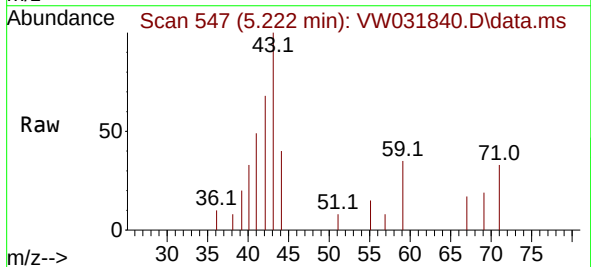
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

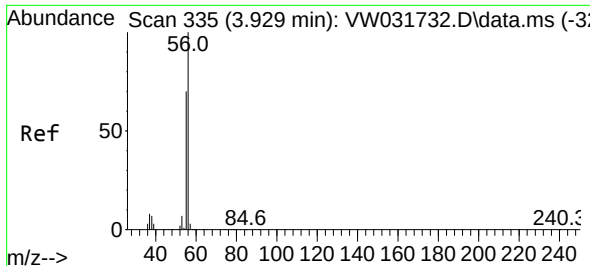
Tgt Ion:168 Resp: 210867  
Ion Ratio Lower Upper  
168 100  
99 65.4 49.4 74.2



#11  
Tert butyl alcohol  
Concen: 4.886 ug/l  
RT: 5.222 min Scan# 547  
Delta R.T. 0.007 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 59 Resp: 916  
Ion Ratio Lower Upper  
59 100  
57 0.0 9.5 14.3#

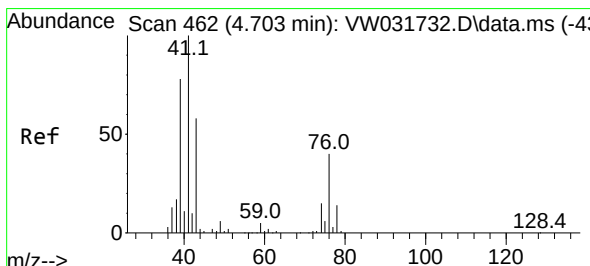
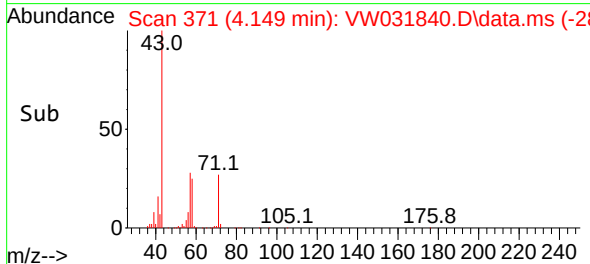
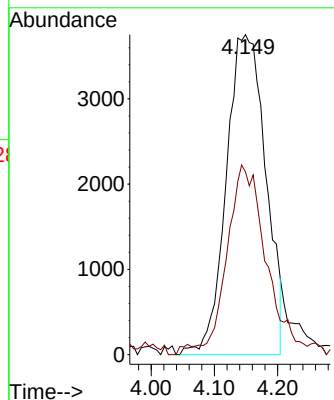
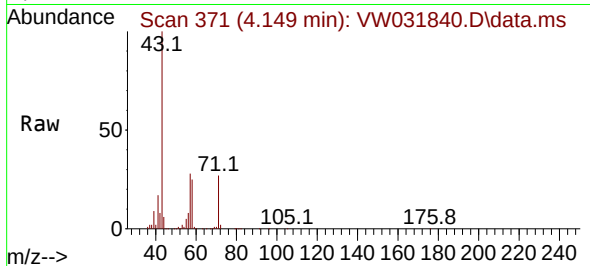




#13  
Acrolein  
Concen: 48.186 ug/l  
RT: 4.149 min Scan# 31  
Delta R.T. 0.220 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

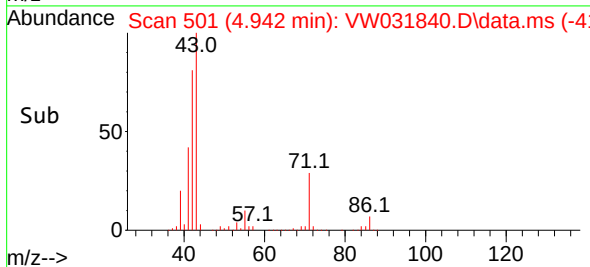
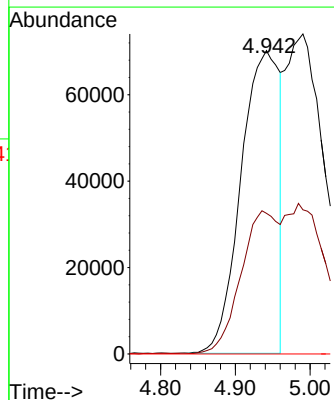
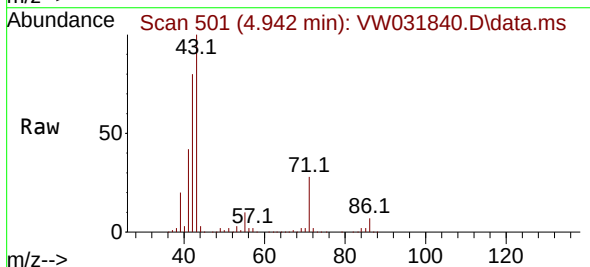
Instrument :  
MSVOA\_W  
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GCAP2

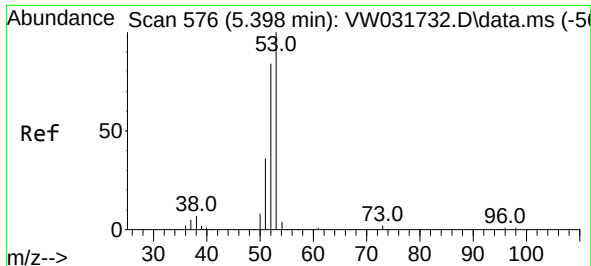
Tgt Ion: 56 Resp: 16237  
Ion Ratio Lower Upper  
56 100  
55 49.4 54.0 81.0#



#14  
Allyl chloride  
Concen: 64.566 ug/l  
RT: 4.942 min Scan# 501  
Delta R.T. 0.238 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 41 Resp: 248909  
Ion Ratio Lower Upper  
41 100  
39 46.5 60.7 91.1#  
76 0.0 30.3 45.5#

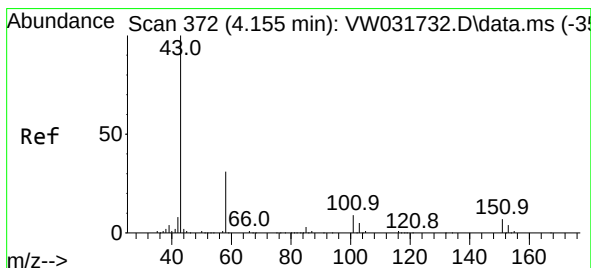
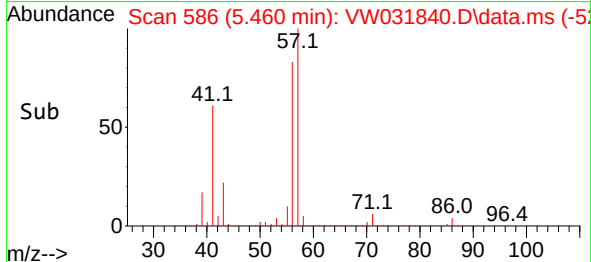
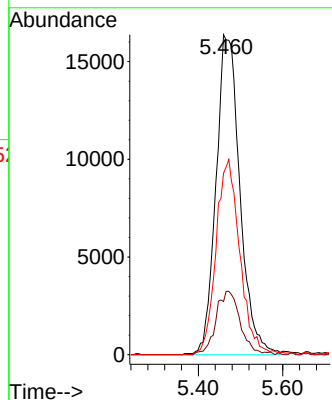
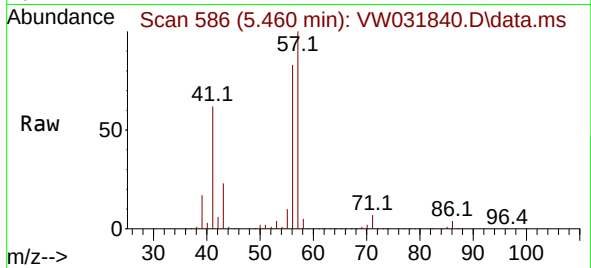




#15  
Acrylonitrile  
Concen: 83.339 ug/l  
RT: 5.460 min Scan# 51  
Delta R.T. 0.061 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

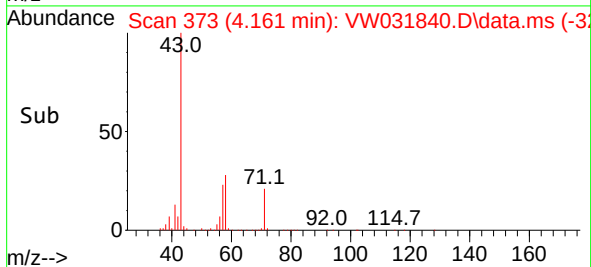
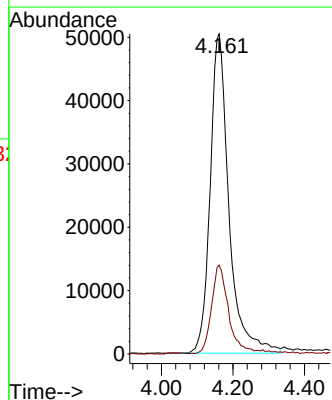
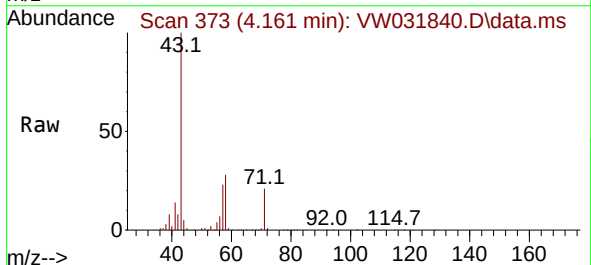
Instrument :  
MSVOA\_W  
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GCAP2

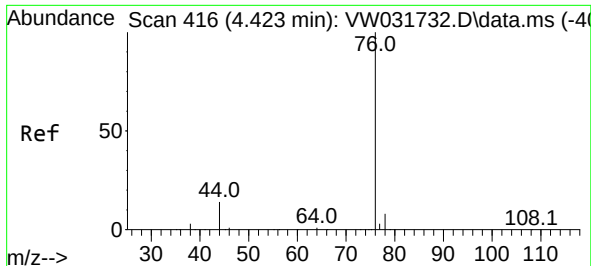
Tgt Ion: 53 Resp: 64359  
Ion Ratio Lower Upper  
53 100  
52 20.1 66.4 99.6#  
51 60.8 29.9 44.9#



#16  
Acetone  
Concen: 245.985 ug/l  
RT: 4.161 min Scan# 373  
Delta R.T. 0.007 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 183992  
Ion Ratio Lower Upper  
43 100  
58 27.5 24.8 37.2

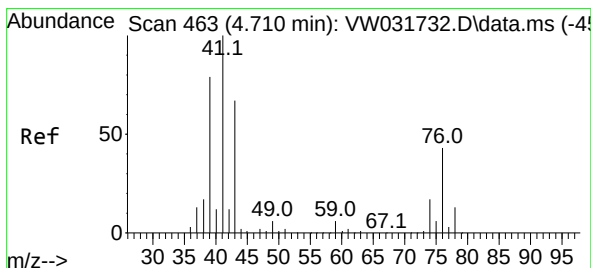
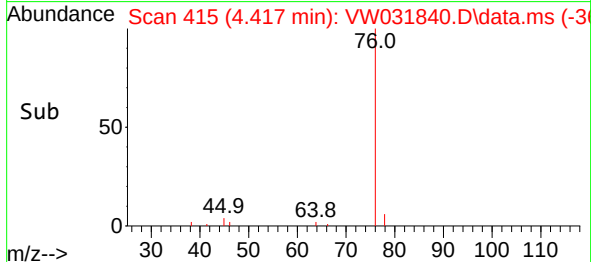
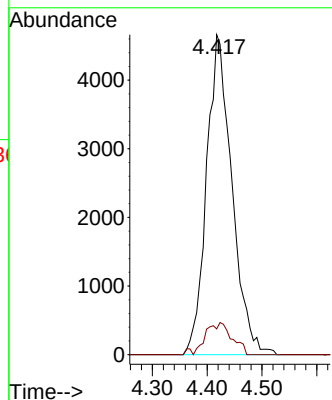
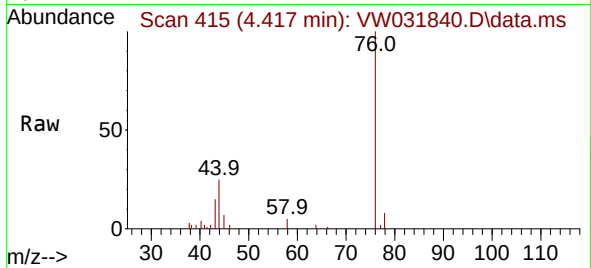




#17  
Carbon Disulfide  
Concen: 2.226 ug/l  
RT: 4.417 min Scan# 416  
Delta R.T. -0.006 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

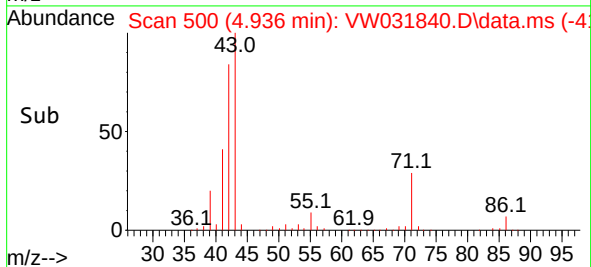
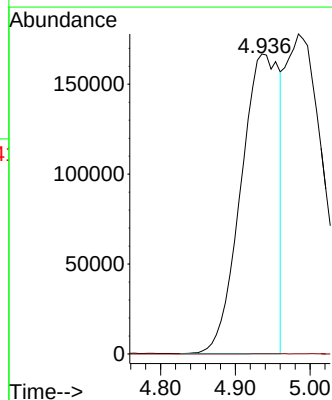
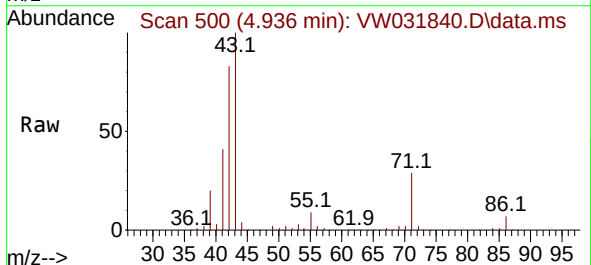
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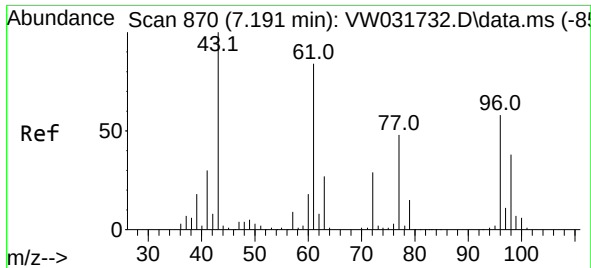
Tgt Ion: 76 Resp: 14969  
Ion Ratio Lower Upper  
76 100  
78 8.0 6.6 10.0



#18  
Methyl Acetate  
Concen: 277.183 ug/l  
RT: 4.936 min Scan# 500  
Delta R.T. 0.226 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 592538  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.6 30.8#

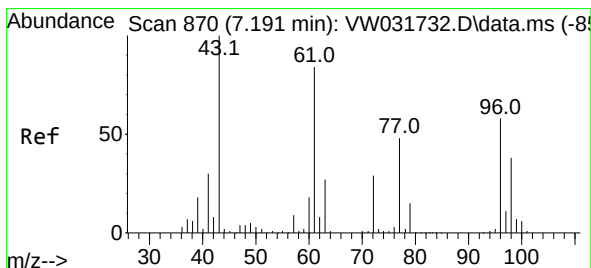
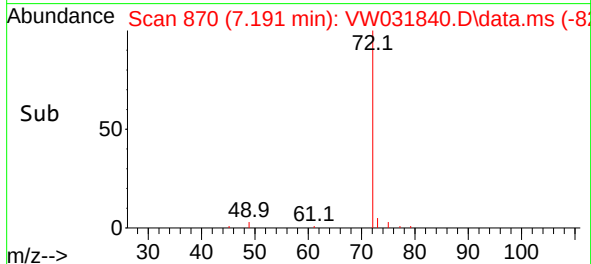
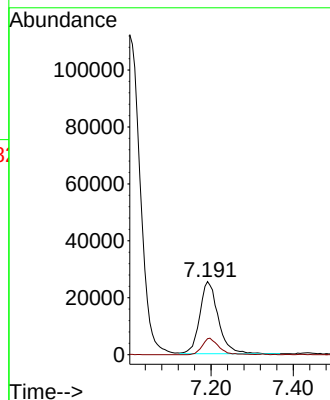
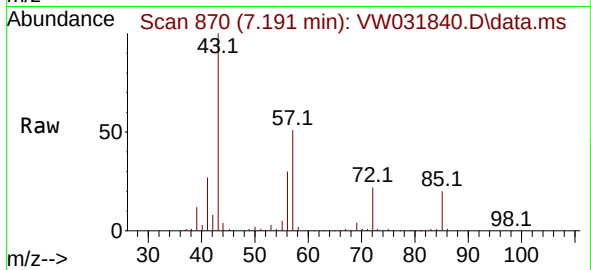




#25  
2-Butanone  
Concen: 81.491 ug/l  
RT: 7.191 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

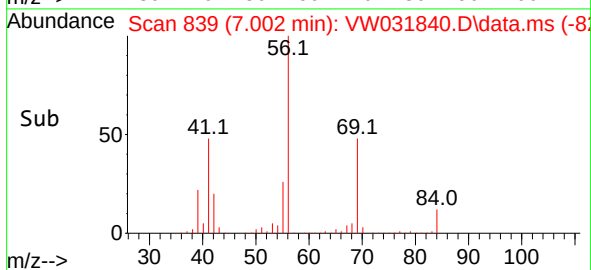
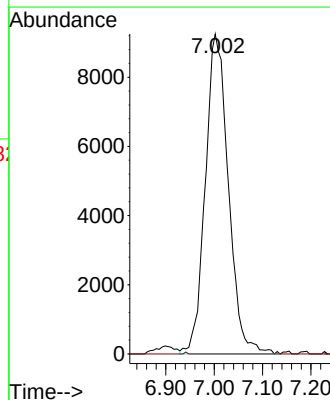
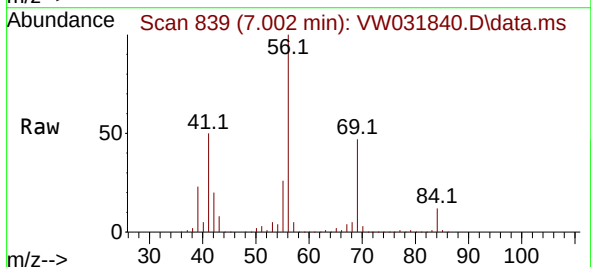
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Tgt Ion: 43 Resp: 79299  
Ion Ratio Lower Upper  
43 100  
72 22.1 23.0 34.6#

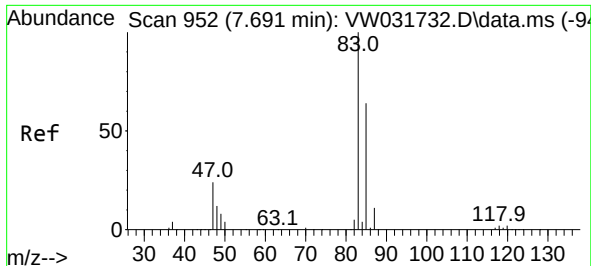


#26  
2,2-Dichloropropane  
Concen: 10.772 ug/l  
RT: 7.002 min Scan# 839  
Delta R.T. -0.189 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 77 Resp: 30637  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.6 34.7#



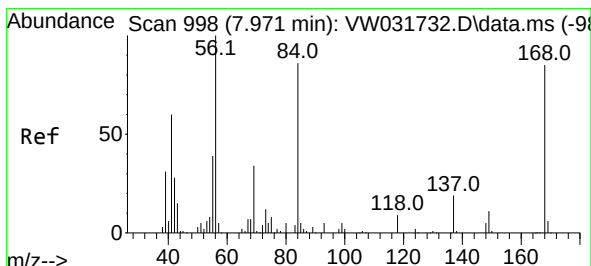
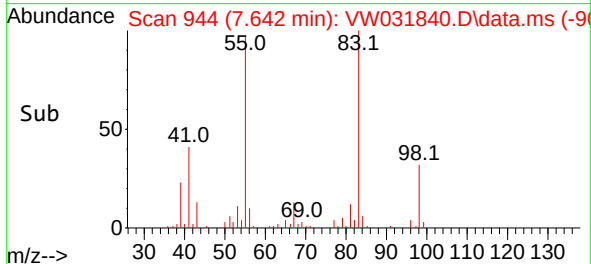
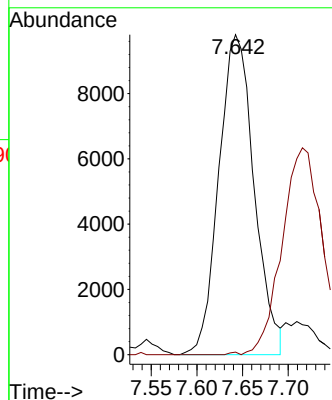
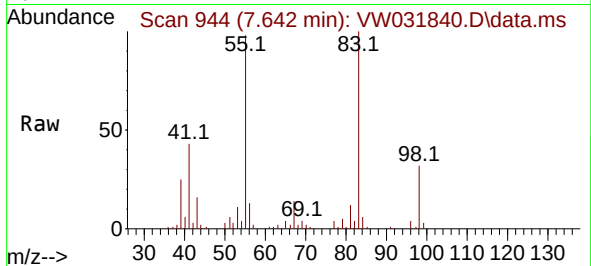




#30  
Chloroform  
Concen: 5.088 ug/l  
RT: 7.642 min Scan# 944  
Delta R.T. -0.048 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

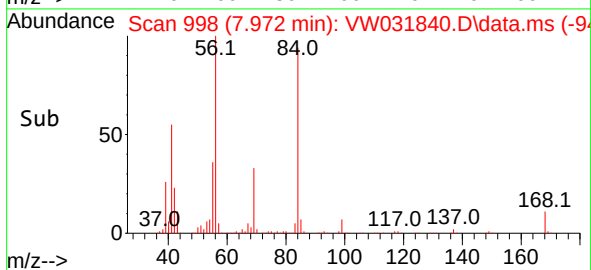
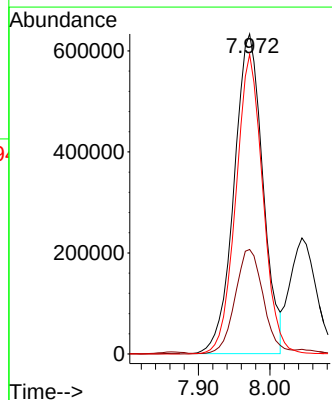
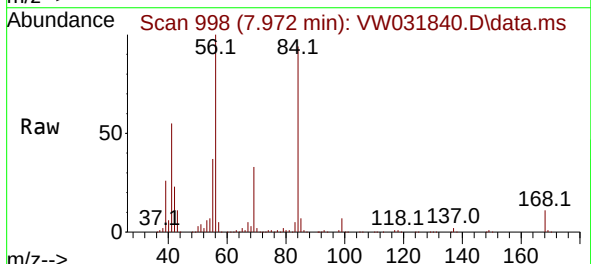
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

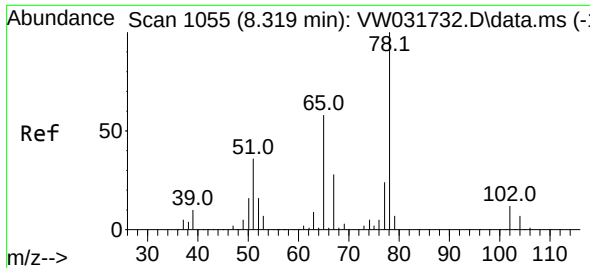
Tgt Ion: 83 Resp: 26355  
Ion Ratio Lower Upper  
83 100  
85 0.8 51.4 77.0#



#31  
Cyclohexane  
Concen: 411.327 ug/l  
RT: 7.972 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 56 Resp: 1772349  
Ion Ratio Lower Upper  
56 100  
69 32.2 27.2 40.8  
84 93.7 68.5 102.7

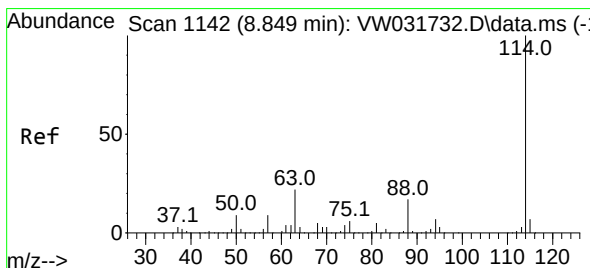
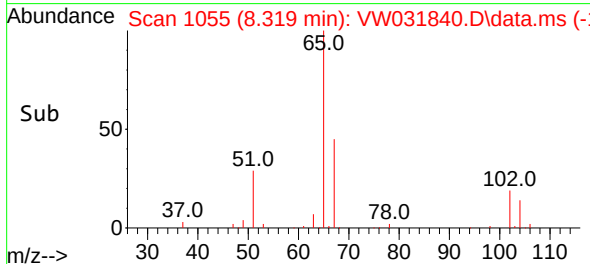
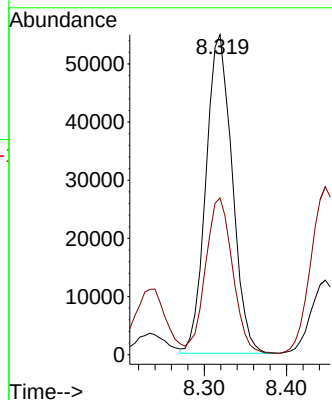
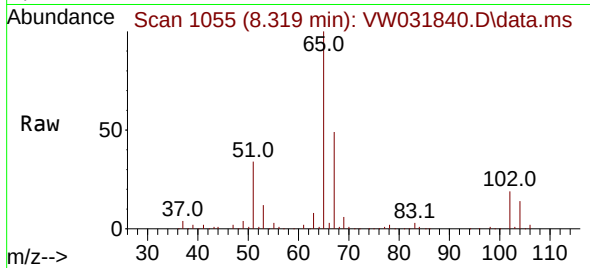




#33  
 1,2-Dichloroethane-d4  
 Concen: 40.155 ug/l  
 RT: 8.319 min Scan# 1055  
 Delta R.T. 0.000 min  
 Lab File: VW031840.D  
 Acq: 14 Jul 2025 11:16

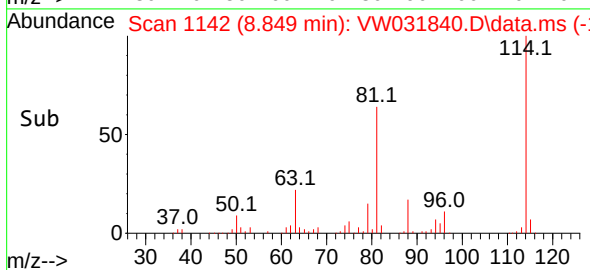
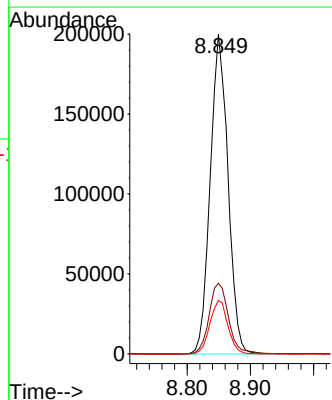
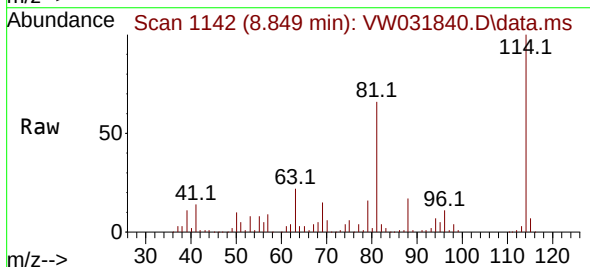
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GCAP2

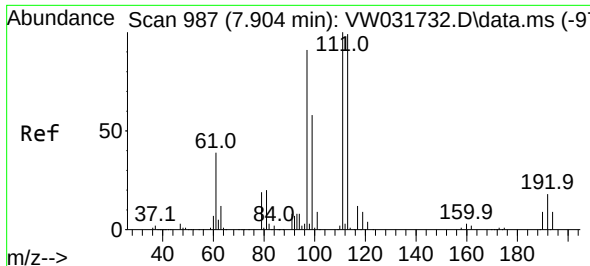
Tgt Ion: 65 Resp: 121517  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.849 min Scan# 1142  
 Delta R.T. 0.000 min  
 Lab File: VW031840.D  
 Acq: 14 Jul 2025 11:16

Tgt Ion: 114 Resp: 390097  
 Ion Ratio Lower Upper  
 114 100  
 63 22.1 0.0 43.6  
 88 16.7 0.0 34.2



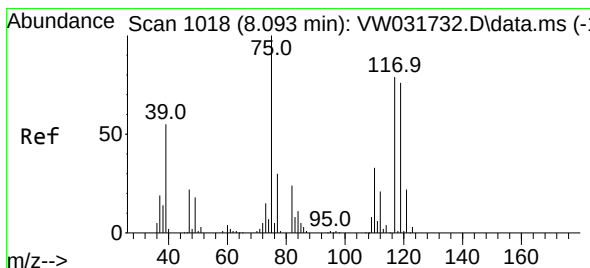
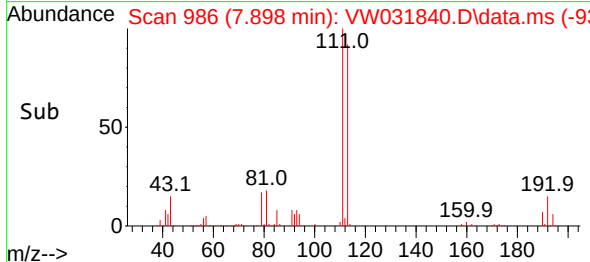
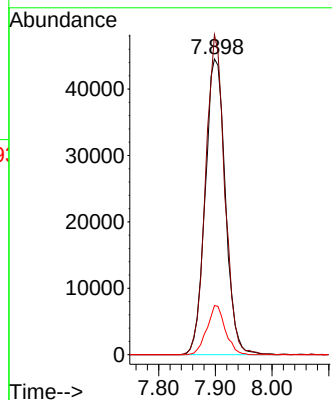
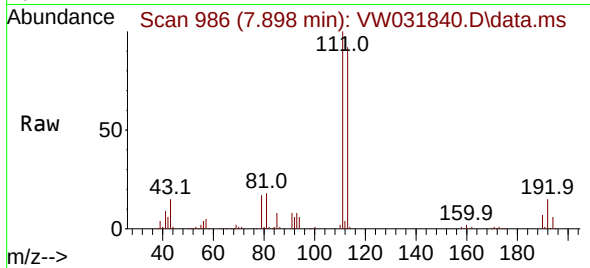


#35  
 Dibromofluoromethane  
 Concen: 43.171 ug/l  
 RT: 7.898 min Scan# 911  
 Delta R.T. -0.006 min  
 Lab File: VW031840.D  
 Acq: 14 Jul 2025 11:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GCAP2

Tgt Ion:113 Resp: 109893

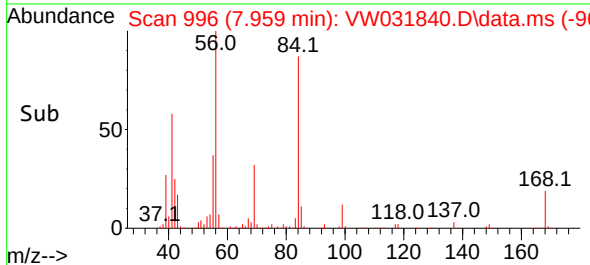
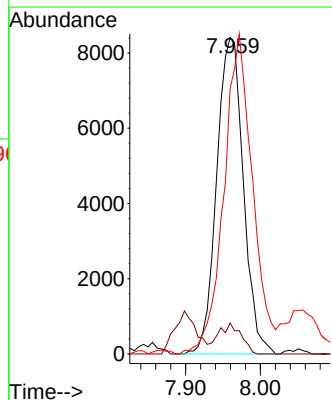
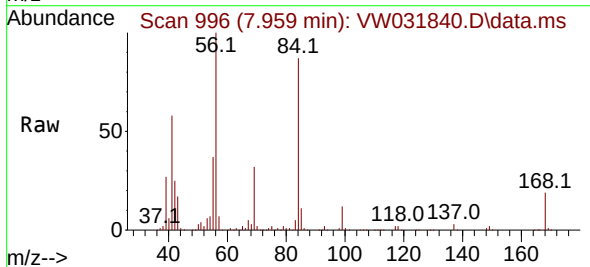
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.7 | 82.1  | 123.1 |
| 192 | 15.2  | 13.8  | 20.6  |

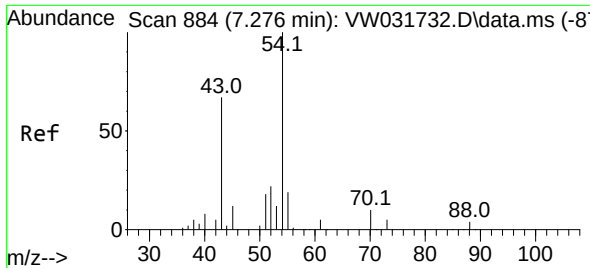


#36  
 1,1-Dichloropropene  
 Concen: 5.648 ug/l  
 RT: 7.959 min Scan# 996  
 Delta R.T. -0.134 min  
 Lab File: VW031840.D  
 Acq: 14 Jul 2025 11:16

Tgt Ion: 75 Resp: 20803

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 8.4   | 16.8  | 50.4# |
| 77  | 108.9 | 25.0  | 37.6# |

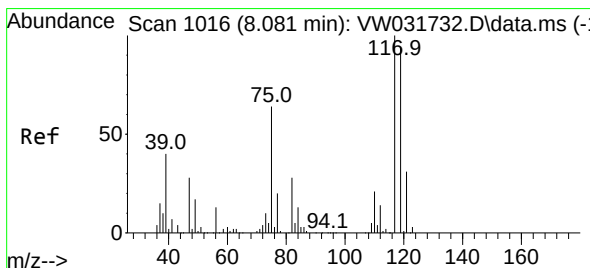
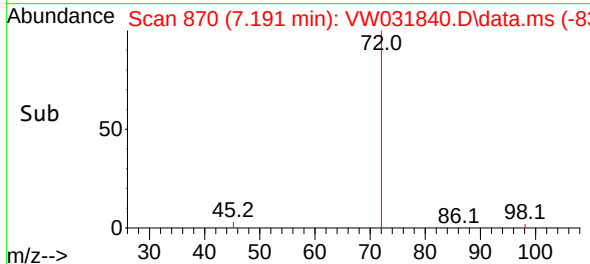
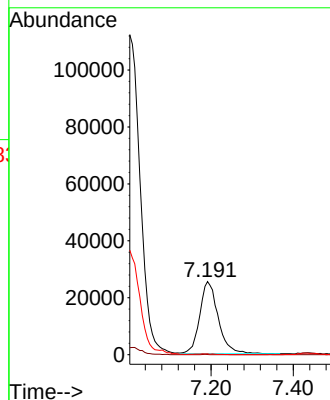
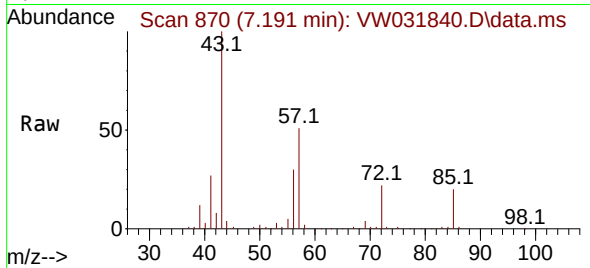




#37  
Ethyl Acetate  
Concen: 34.127 ug/l  
RT: 7.191 min Scan# 81  
Delta R.T. -0.085 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

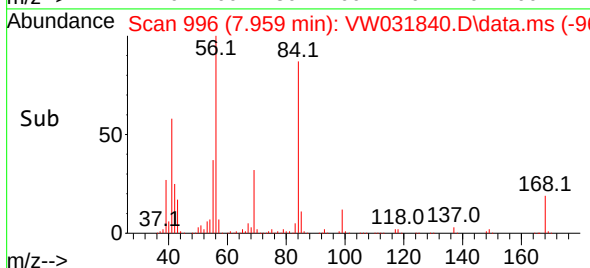
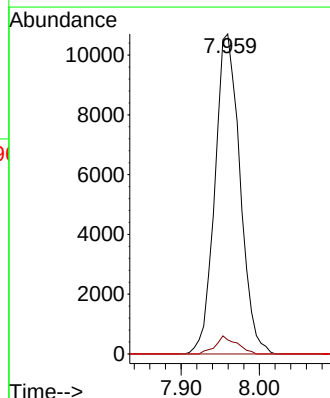
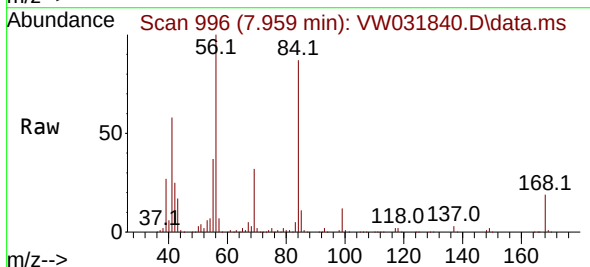
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

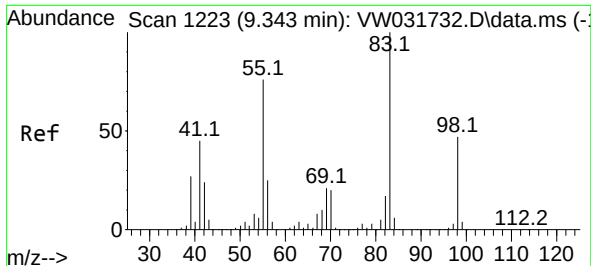
Tgt Ion: 43 Resp: 79299  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.9 16.3#  
70 0.0 9.2 13.8#



#38  
Carbon Tetrachloride  
Concen: 6.359 ug/l  
RT: 7.959 min Scan# 996  
Delta R.T. -0.122 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 117 Resp: 23868  
Ion Ratio Lower Upper  
117 100  
119 4.4 75.0 112.6#  
121 0.0 24.6 37.0#

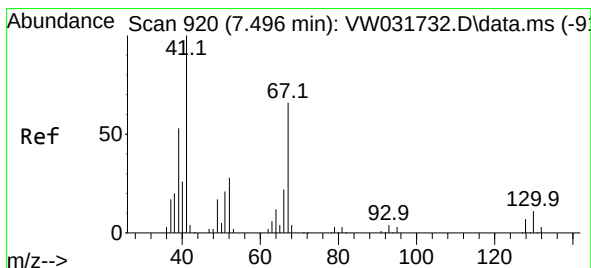
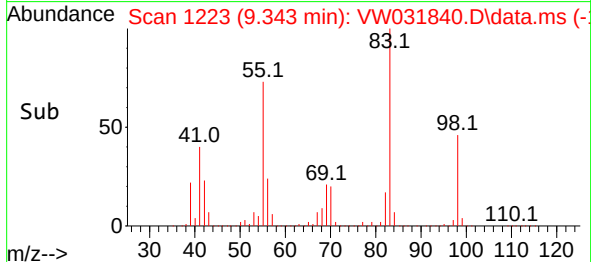
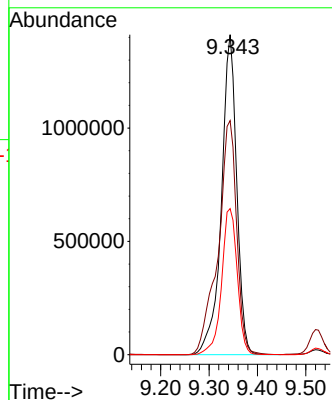
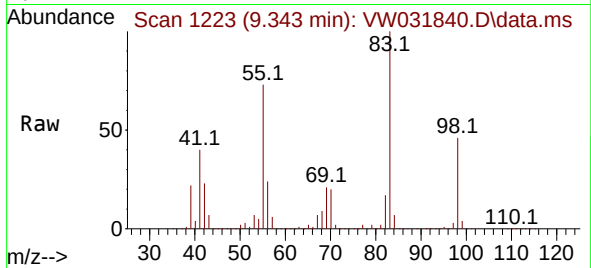




#39  
Methylcyclohexane  
Concen: 678.321 ug/l  
RT: 9.343 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

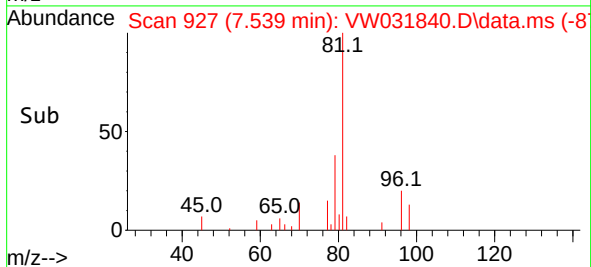
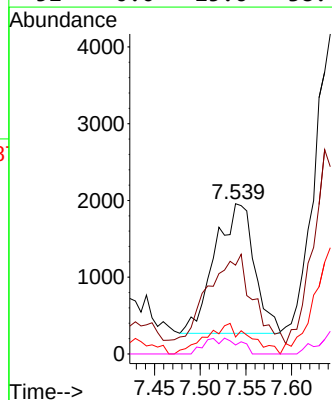
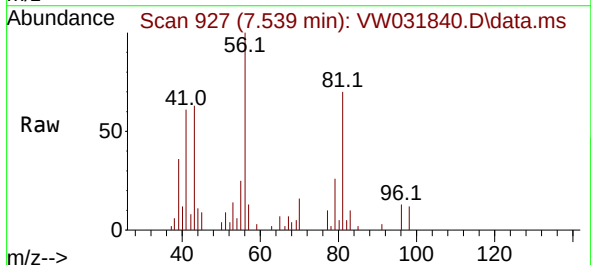
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

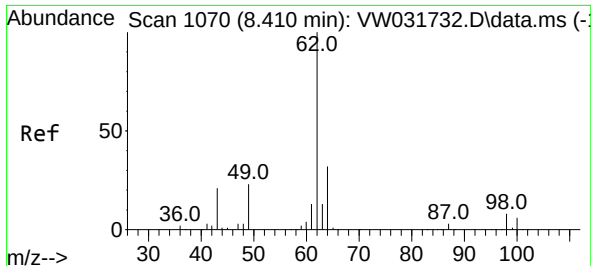
Tgt Ion: 83 Resp: 3108704  
Ion Ratio Lower Upper  
83 100  
55 73.1 61.0 91.4  
98 45.6 37.9 56.9



#41  
Methacrylonitrile  
Concen: 4.085 ug/l  
RT: 7.539 min Scan# 927  
Delta R.T. 0.043 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 41 Resp: 5085  
Ion Ratio Lower Upper  
41 100  
39 77.4 43.2 64.8#  
67 0.0 58.1 87.1#  
52 0.0 25.6 38.4#





#42

1,2-Dichloroethane

Concen: 1.939 ug/l

RT: 8.447 min Scan# 1076

Delta R.T. 0.037 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

MSVOA\_W

ClientSampleId :

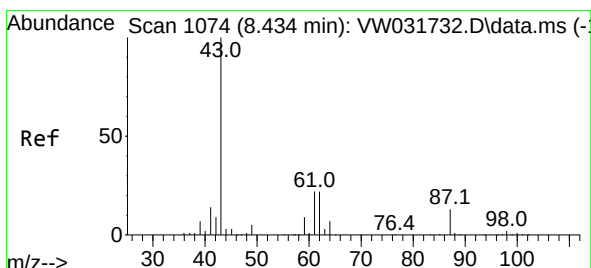
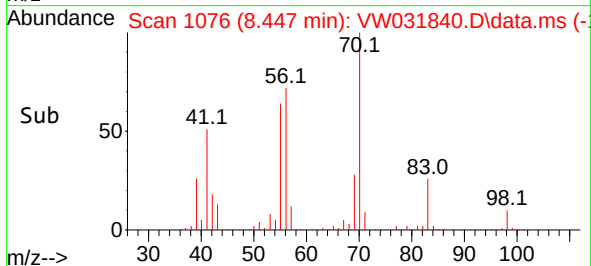
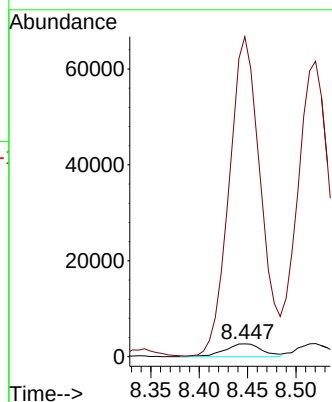
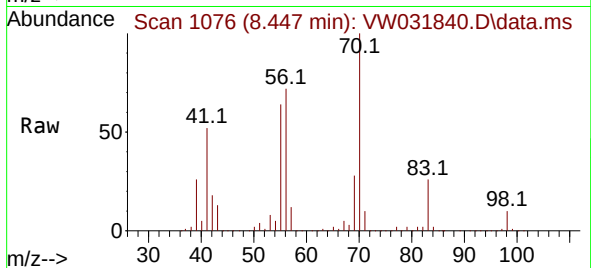
GCAP2

Tgt Ion: 62 Resp: 7139

Ion Ratio Lower Upper

62 100

98 2103.9 0.0 17.2#



#43

Isopropyl Acetate

Concen: 75.998 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

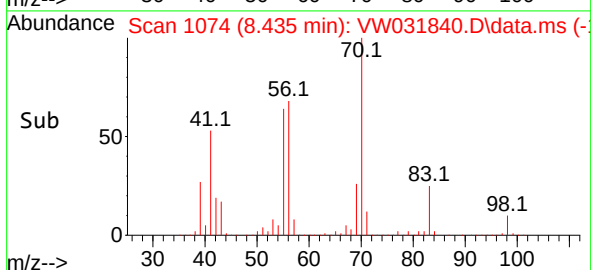
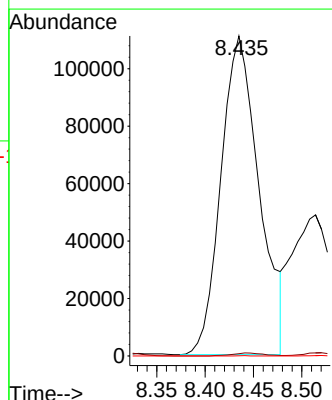
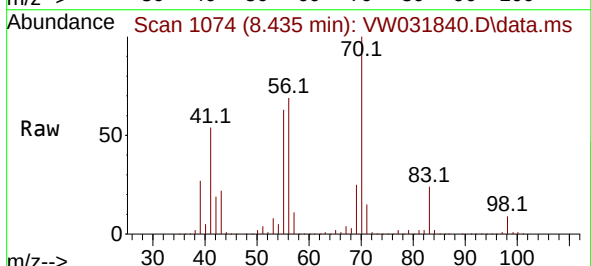
Tgt Ion: 43 Resp: 304409

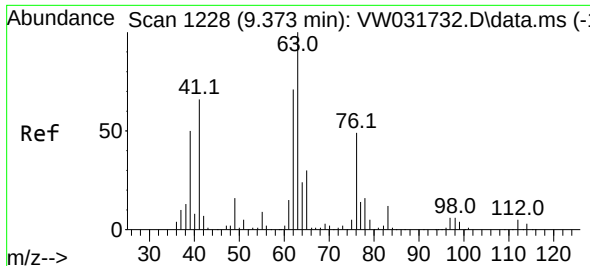
Ion Ratio Lower Upper

43 100

61 0.8 23.1 34.7#

87 0.0 10.8 16.2#

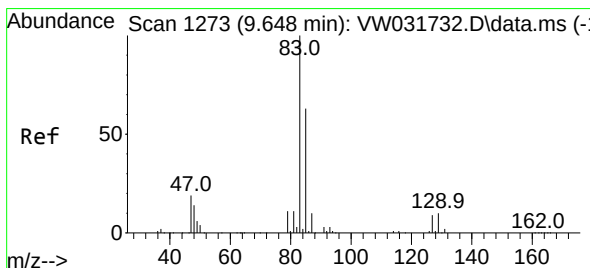
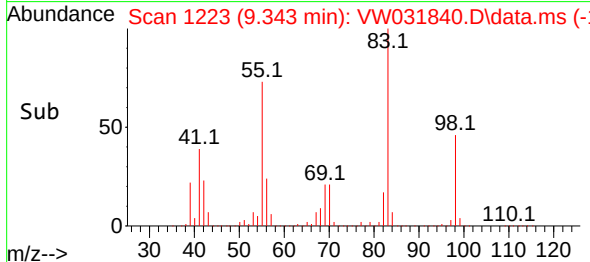
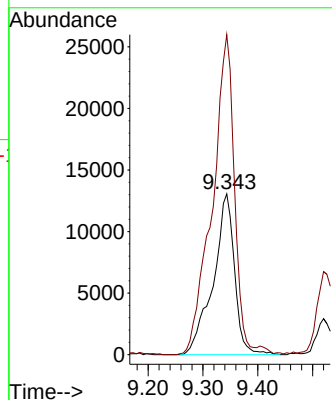
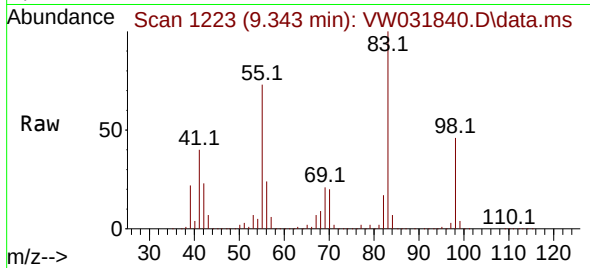




#45  
1,2-Dichloropropane  
Concen: 13.454 ug/l  
RT: 9.343 min Scan# 1223  
Delta R.T. -0.030 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

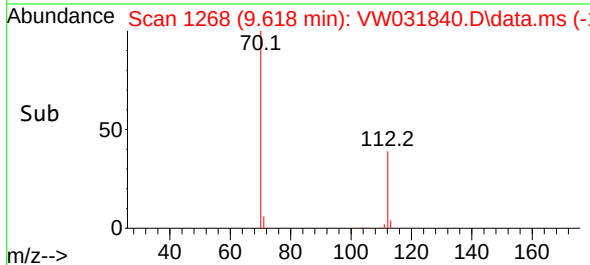
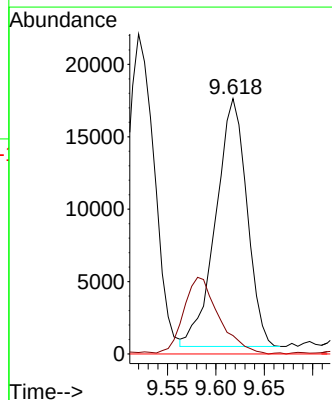
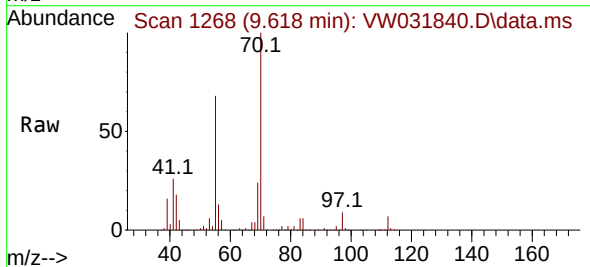
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

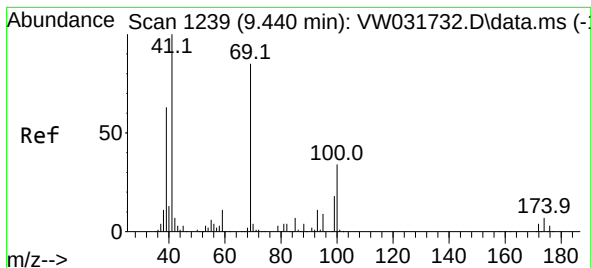
Tgt Ion: 63 Resp: 35436  
Ion Ratio Lower Upper  
63 100  
65 198.4 24.2 36.4#



#47  
Bromodichloromethane  
Concen: 9.611 ug/l  
RT: 9.618 min Scan# 1268  
Delta R.T. -0.030 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 83 Resp: 38326  
Ion Ratio Lower Upper  
83 100  
85 7.0 50.8 76.2#  
127 0.0 6.8 10.2#





#48

Methyl methacrylate

Concen: 142.972 ug/l

RT: 9.520 min Scan# 1252

Delta R.T. 0.080 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

MSVOA\_W

ClientSampleId :

GCAP2

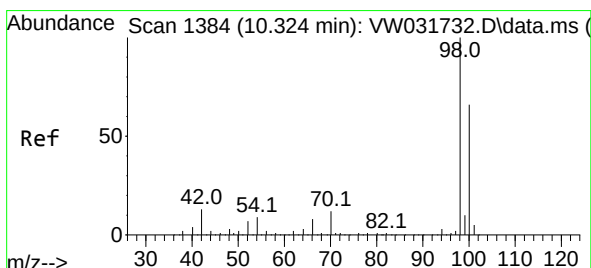
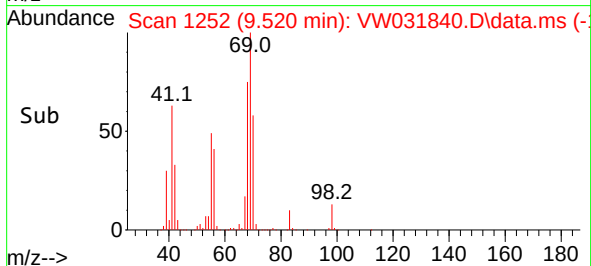
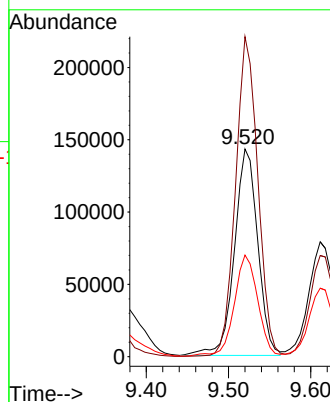
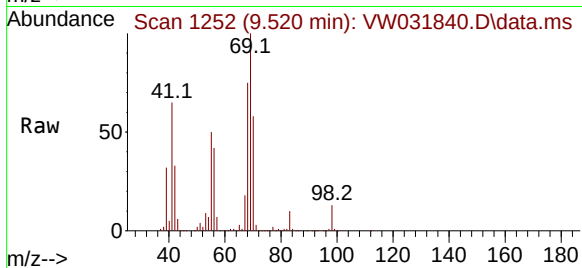
Tgt Ion: 41 Resp: 281585

Ion Ratio Lower Upper

41 100

69 147.6 71.6 107.4#

39 48.7 49.5 74.3#



#50

Toluene-d8

Concen: 48.011 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031840.D

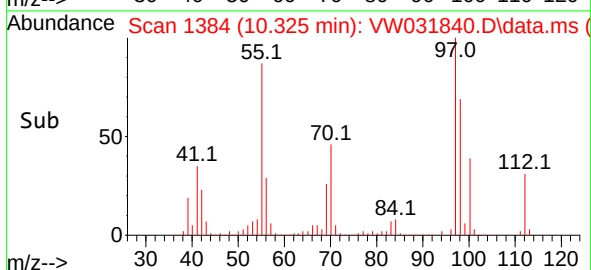
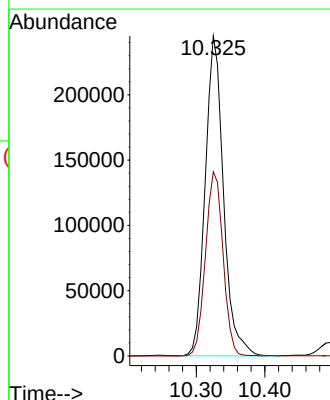
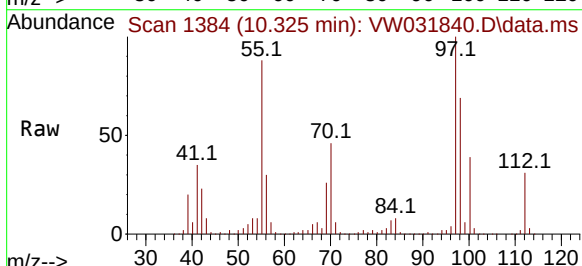
Acq: 14 Jul 2025 11:16

Tgt Ion: 98 Resp: 454812

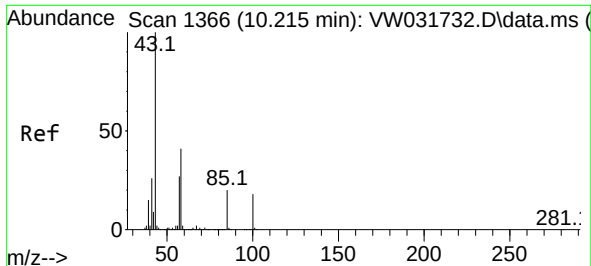
Ion Ratio Lower Upper

98 100

100 55.2 53.0 79.4



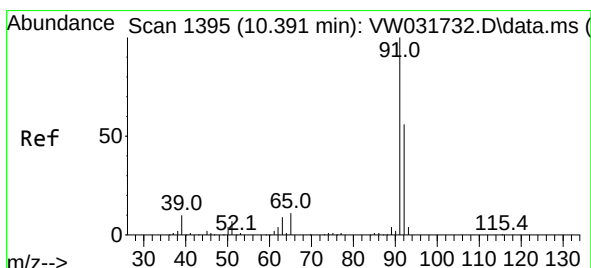
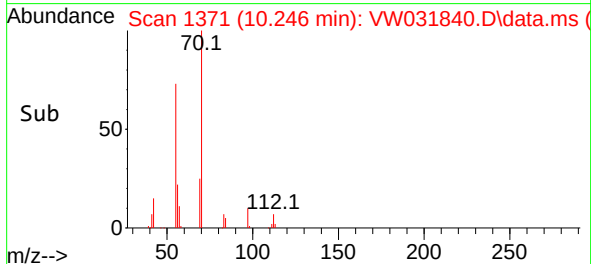
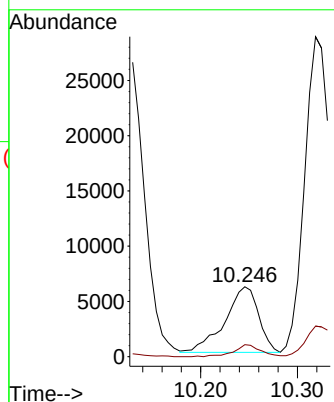
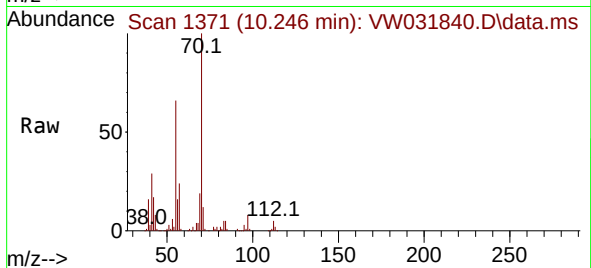




#51  
4-Methyl-2-Pentanone  
Concen: 6.242 ug/l  
RT: 10.246 min Scan# 1371  
Delta R.T. 0.031 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

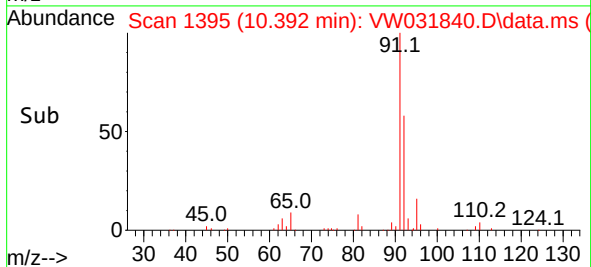
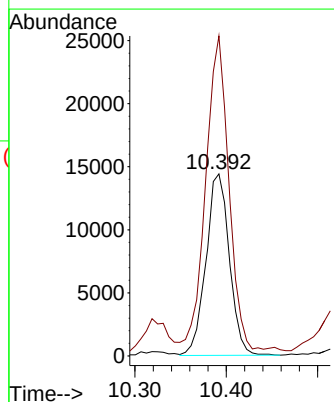
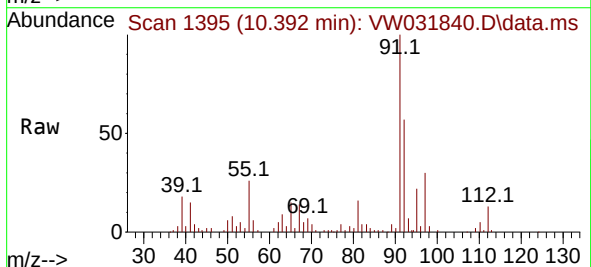
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

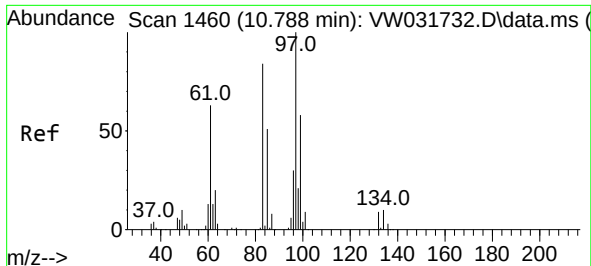
Tgt Ion: 43 Resp: 14374  
Ion Ratio Lower Upper  
43 100  
58 14.4 32.2 48.2#



#52  
Toluene  
Concen: 3.660 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 92 Resp: 25535  
Ion Ratio Lower Upper  
92 100  
91 170.3 139.5 209.3

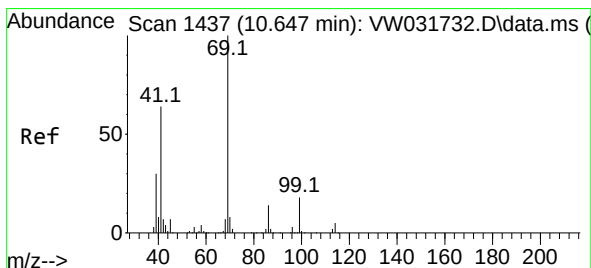
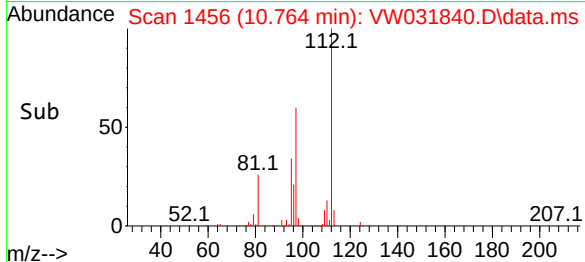
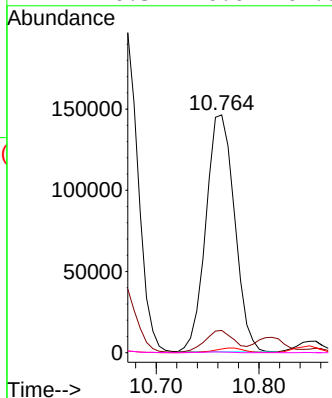
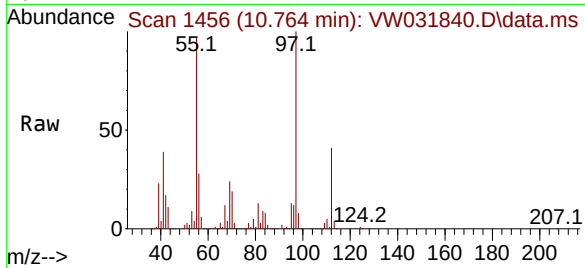




#55  
1,1,2-Trichloroethane  
Concen: 126.853 ug/l  
RT: 10.764 min Scan# 1456  
Delta R.T. -0.024 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

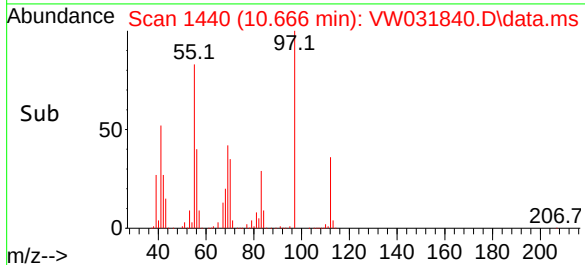
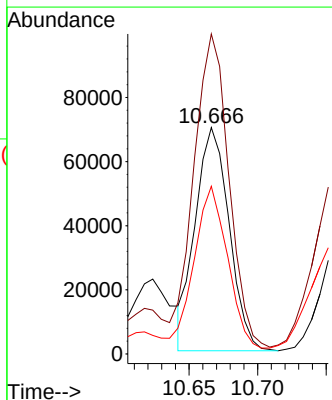
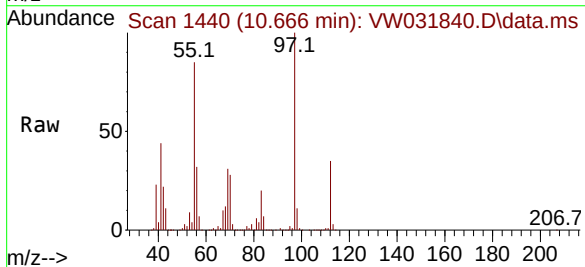
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

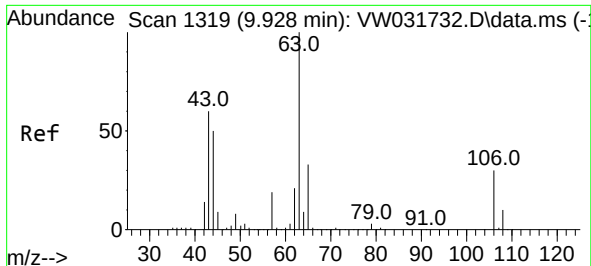
Tgt Ion: 97 Resp: 282563  
Ion Ratio Lower Upper  
97 100  
83 9.2 66.9 100.3#  
85 1.5 41.1 61.7#  
99 0.3 46.6 69.8#



#56  
Ethyl methacrylate  
Concen: 39.782 ug/l  
RT: 10.666 min Scan# 1440  
Delta R.T. 0.019 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 69 Resp: 120220  
Ion Ratio Lower Upper  
69 100  
41 145.3 53.3 79.9#  
39 72.5 30.2 45.2#

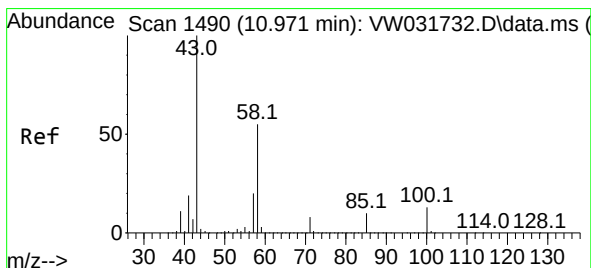
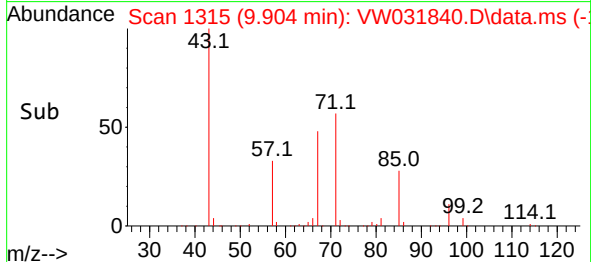
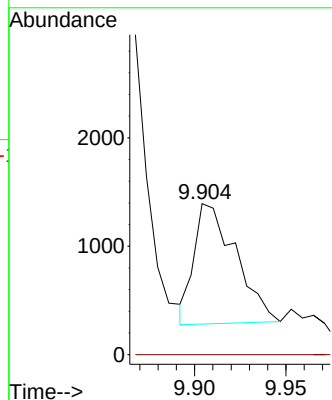
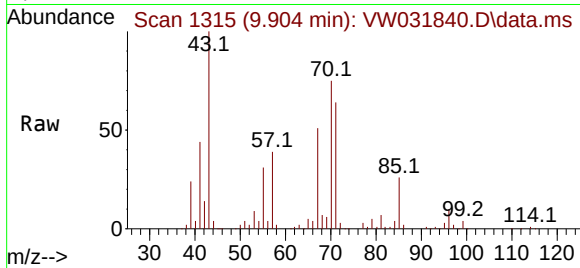




#58  
2-Chloroethyl Vinyl ether  
Concen: 1.055 ug/l  
RT: 9.904 min Scan# 111  
Delta R.T. -0.024 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

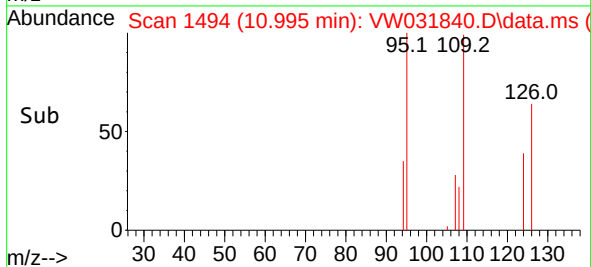
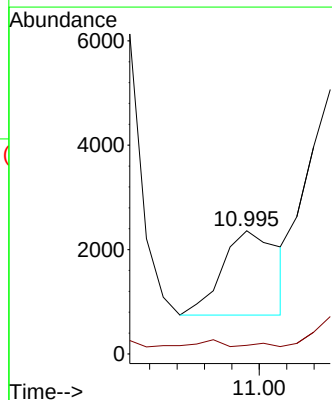
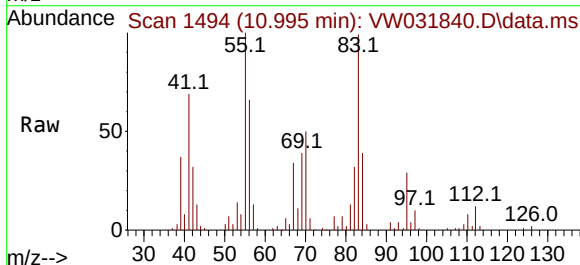
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

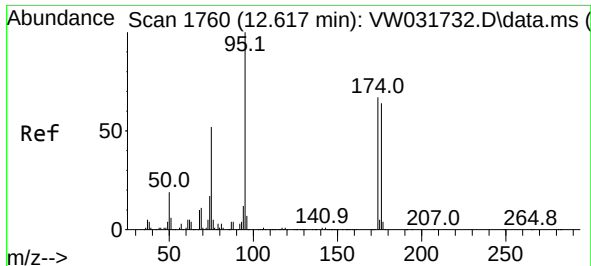
Tgt Ion: 63 Resp: 1756  
Ion Ratio Lower Upper  
63 100  
106 0.0 24.1 36.1#



#59  
2-Hexanone  
Concen: 1.475 ug/l  
RT: 10.995 min Scan# 1494  
Delta R.T. 0.025 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 2302  
Ion Ratio Lower Upper  
43 100  
58 2.3 27.9 83.6#

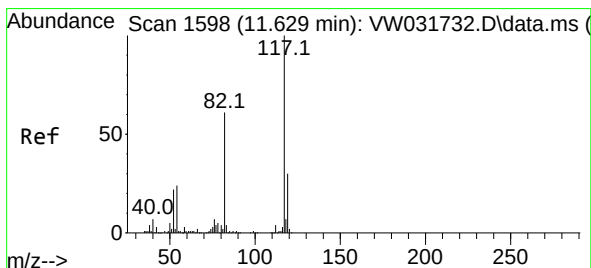
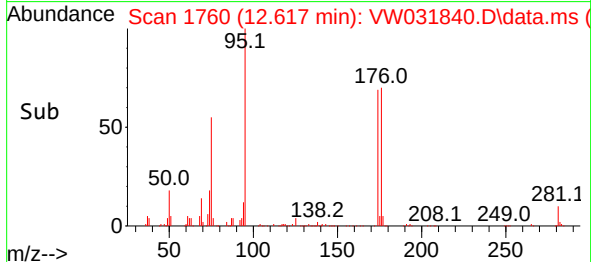
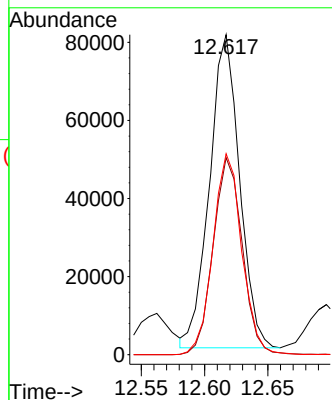
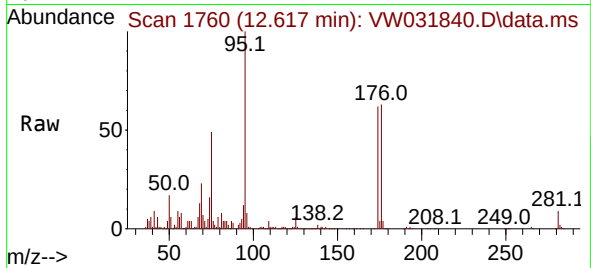




#62  
4-Bromofluorobenzene  
Concen: 38.022 ug/l  
RT: 12.617 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

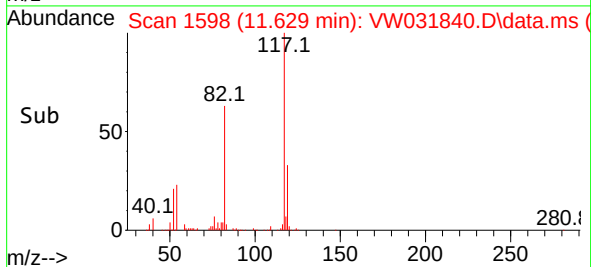
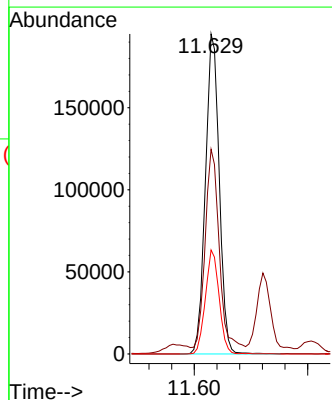
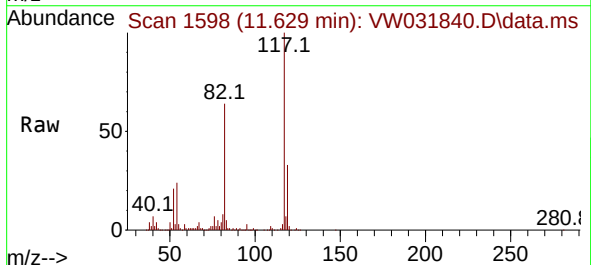
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

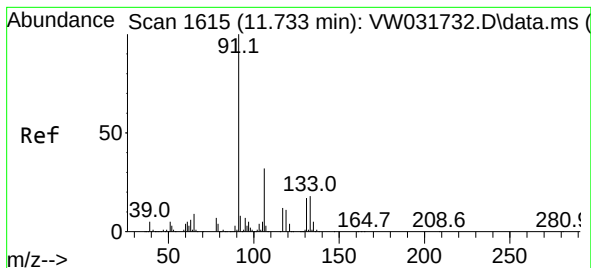
Tgt Ion: 95 Resp: 132548  
Ion Ratio Lower Upper  
95 100  
174 61.0 0.0 133.8  
176 61.5 0.0 126.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 117 Resp: 330238  
Ion Ratio Lower Upper  
117 100  
82 61.6 48.6 72.8  
119 32.5 23.9 35.9

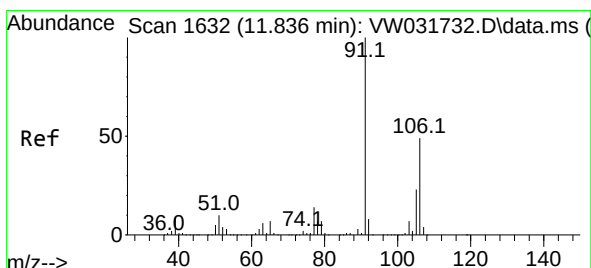
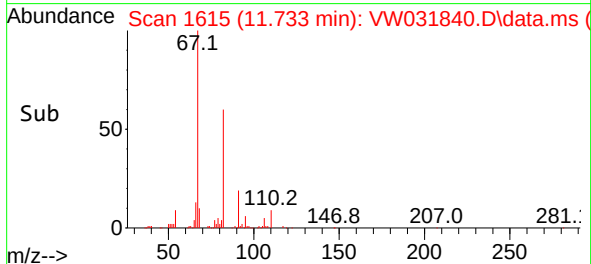
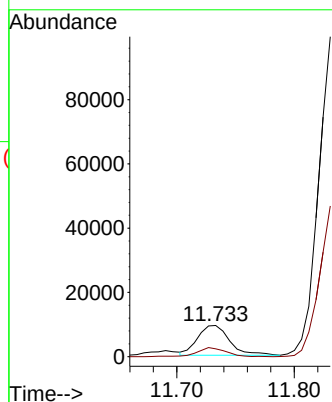
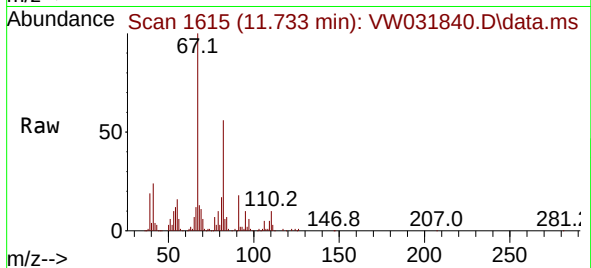




#67  
Ethyl Benzene  
Concen: 1.390 ug/l  
RT: 11.733 min Scan# 1615  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

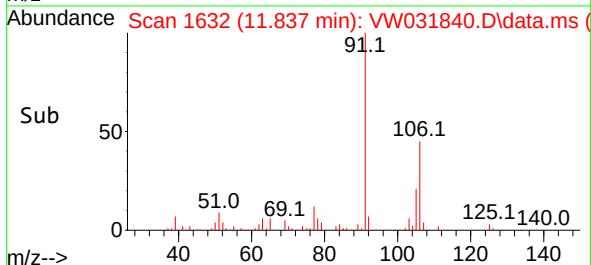
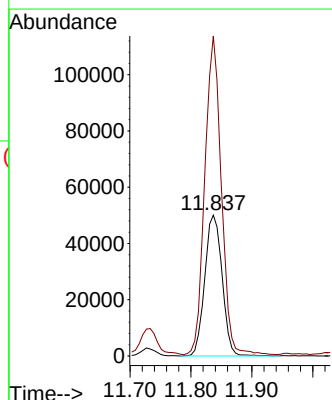
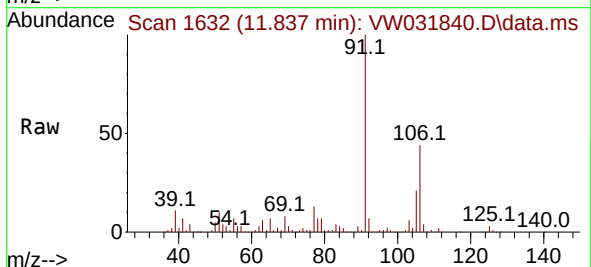
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

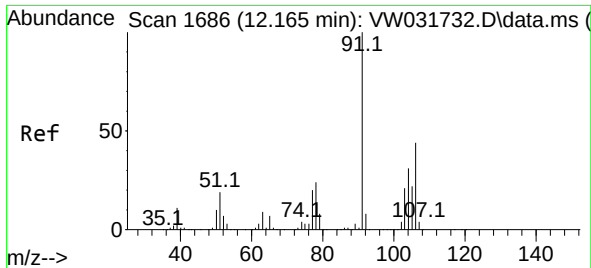
Tgt Ion: 91 Resp: 17565  
Ion Ratio Lower Upper  
91 100  
106 25.4 25.4 38.2



#68  
m/p-Xylenes  
Concen: 20.396 ug/l  
RT: 11.837 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 106 Resp: 99062  
Ion Ratio Lower Upper  
106 100  
91 215.0 166.4 249.6

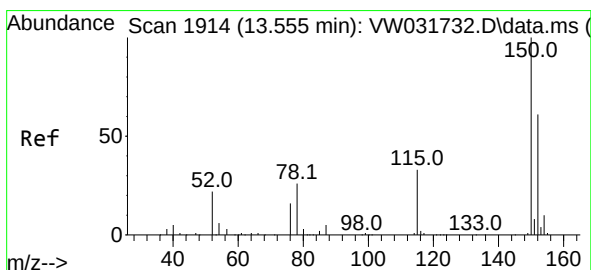
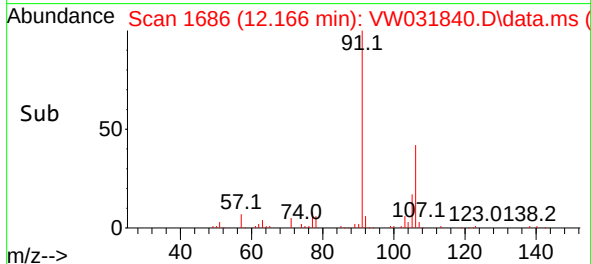
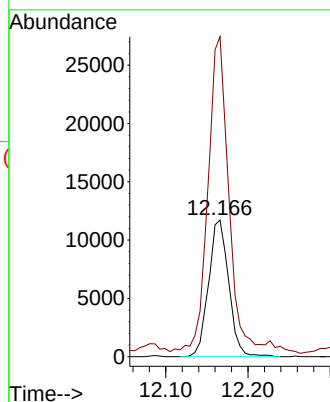
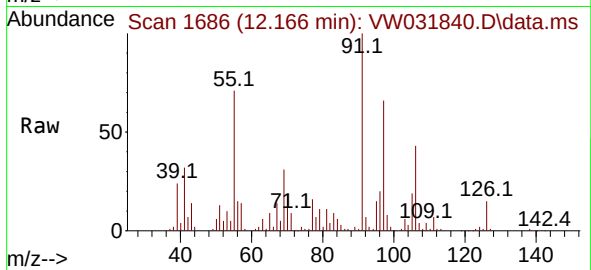




#69  
o-Xylene  
Concen: 4.431 ug/l  
RT: 12.166 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

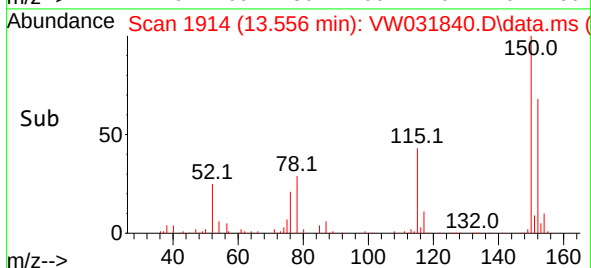
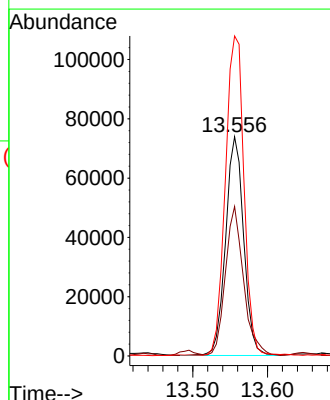
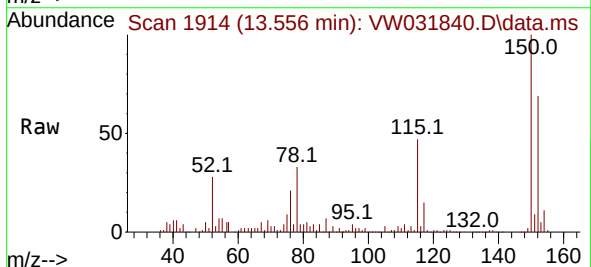
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

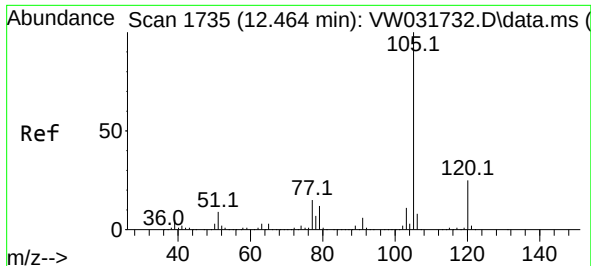
Tgt Ion:106 Resp: 19927  
Ion Ratio Lower Upper  
106 100  
91 235.1 111.5 334.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.556 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion:152 Resp: 124443  
Ion Ratio Lower Upper  
152 100  
115 68.3 31.9 95.7  
150 150.0 0.0 356.4

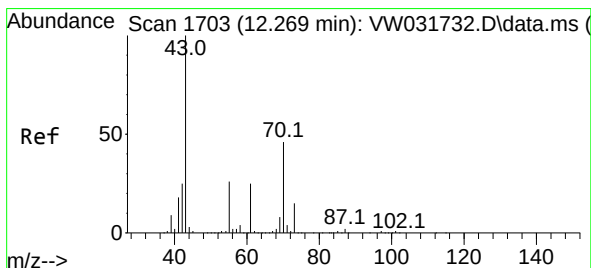
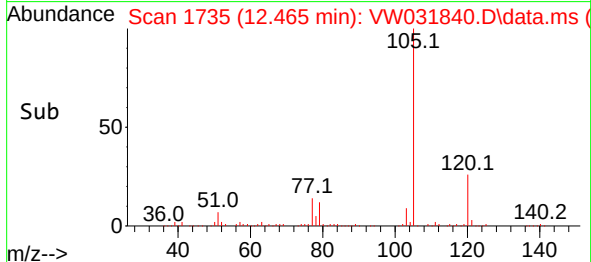
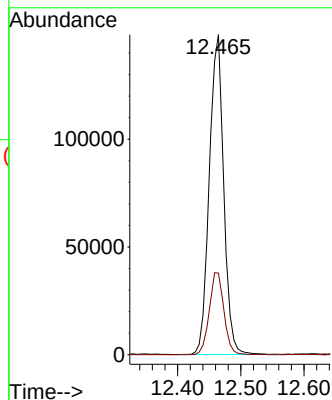
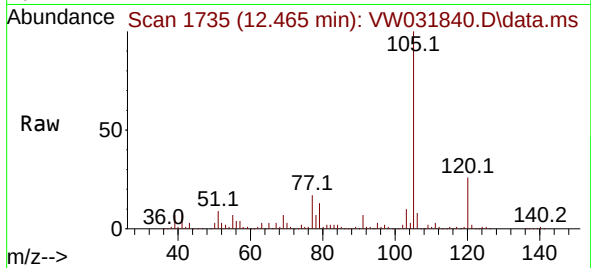




#73  
Isopropylbenzene  
Concen: 24.857 ug/l  
RT: 12.465 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

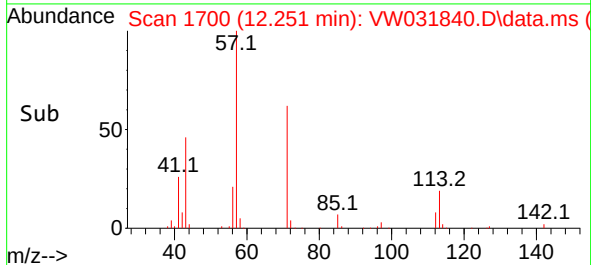
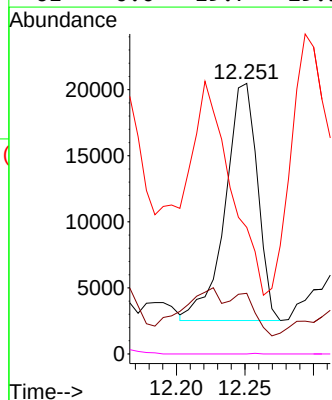
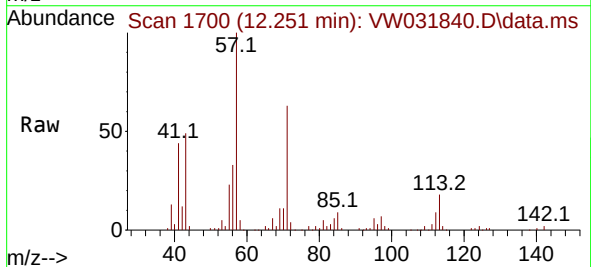
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

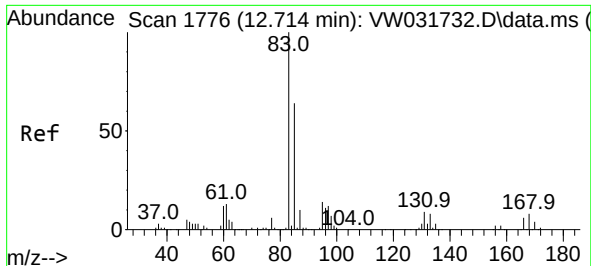
Tgt Ion:105 Resp: 235287  
Ion Ratio Lower Upper  
105 100  
120 26.1 12.8 38.4



#74  
N-ethyl acetate  
Concen: 11.526 ug/l  
RT: 12.251 min Scan# 1700  
Delta R.T. -0.018 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 29408  
Ion Ratio Lower Upper  
43 100  
70 0.0 36.0 54.0#  
55 0.0 20.8 31.2#  
61 0.0 19.7 29.5#

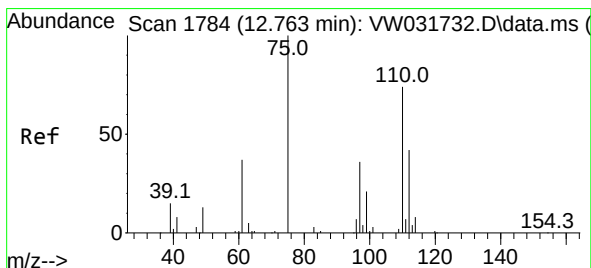
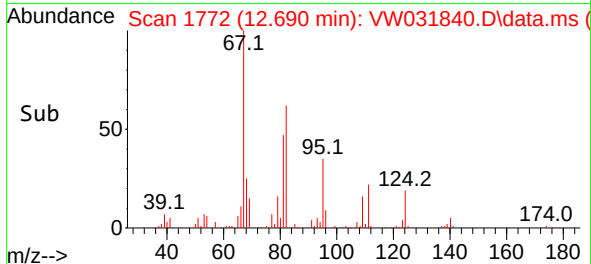
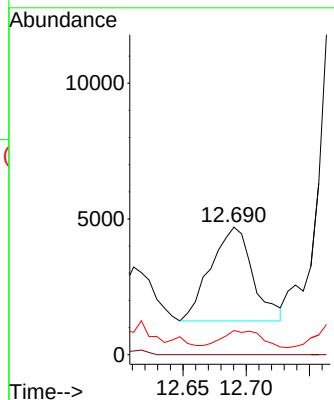
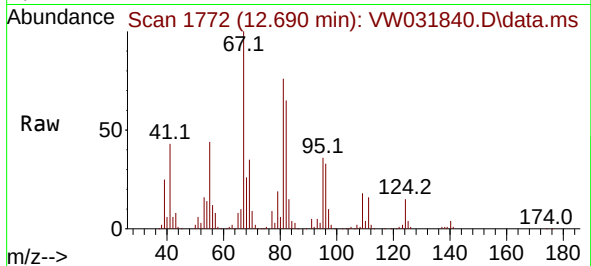




#75  
1,1,2,2-Tetrachloroethane  
Concen: 3.810 ug/l  
RT: 12.690 min Scan# 1772  
Delta R.T. -0.024 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

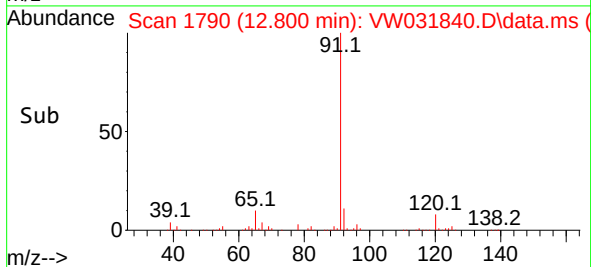
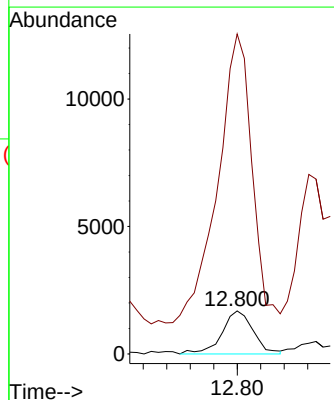
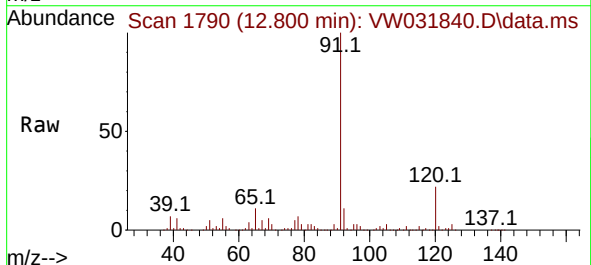
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

Tgt Ion: 83 Resp: 8007  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.3 16.1#  
85 16.7 32.0 96.2#

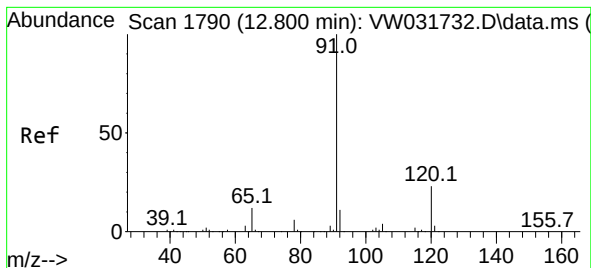


#76  
1,2,3-Trichloropropane  
Concen: 1.939 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. 0.037 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 75 Resp: 3119  
Ion Ratio Lower Upper  
75 100  
77 748.8 141.2 423.6#







#78

n-propylbenzene

Concen: 37.608 ug/l

RT: 12.800 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

MSVOA\_W

ClientSampleId :

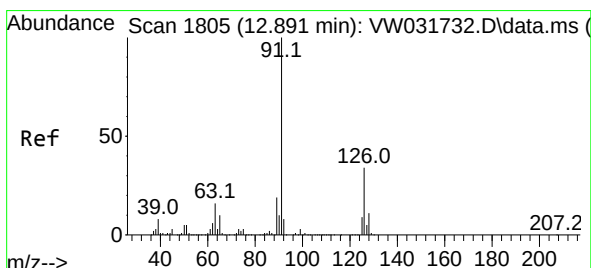
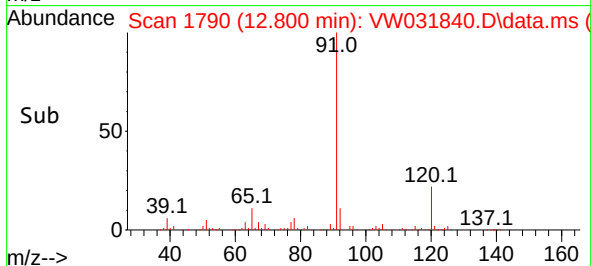
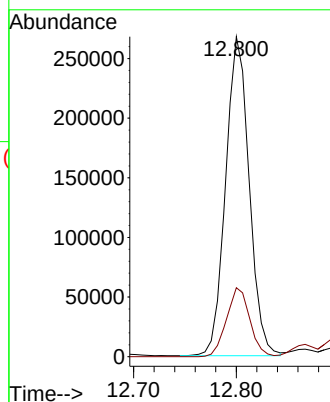
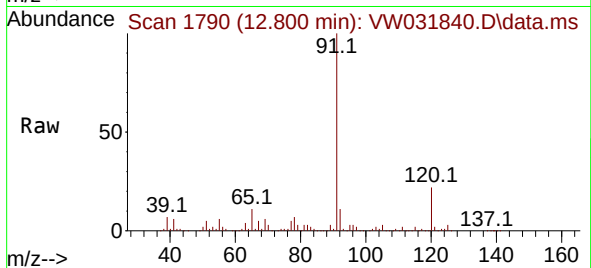
GCAP2

Tgt Ion: 91 Resp: 426293

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 2.294 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.049 min

Lab File: VW031840.D

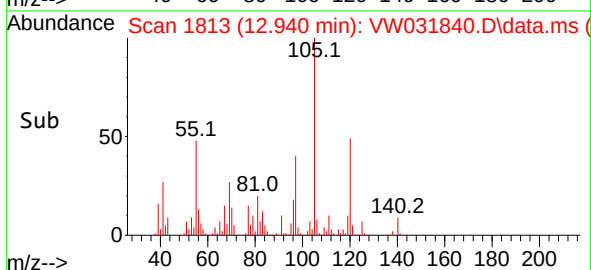
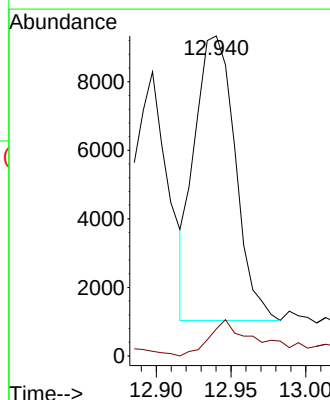
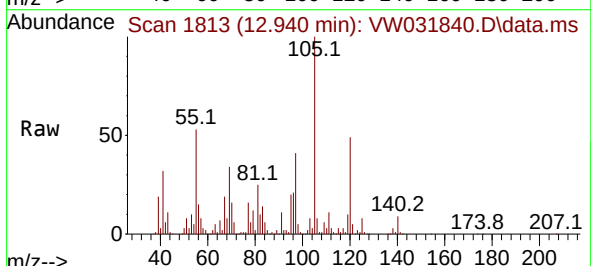
Acq: 14 Jul 2025 11:16

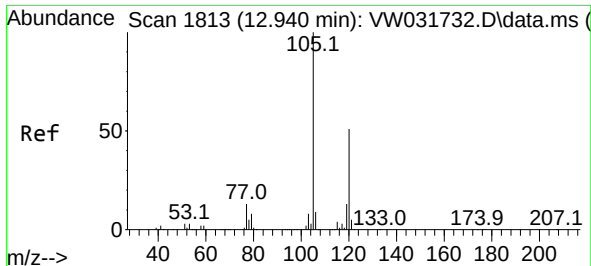
Tgt Ion: 91 Resp: 15655

Ion Ratio Lower Upper

91 100

126 15.5 15.8 47.4#

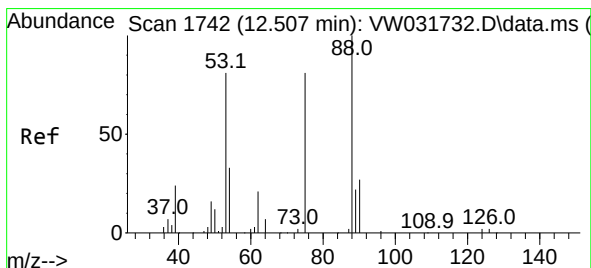
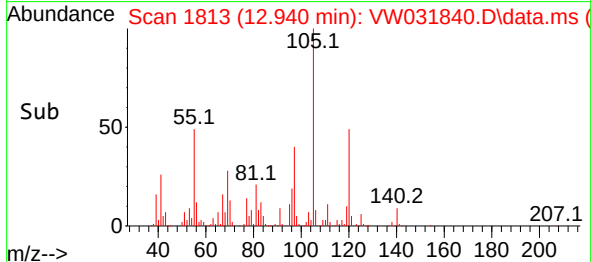
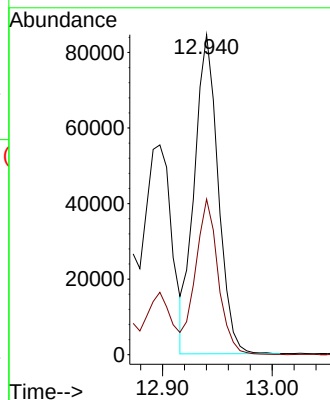
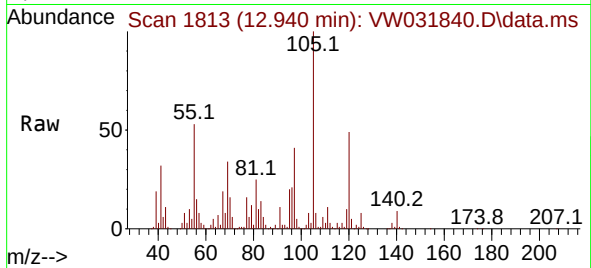




#80  
1,3,5-Trimethylbenzene  
Concen: 16.250 ug/l  
RT: 12.940 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

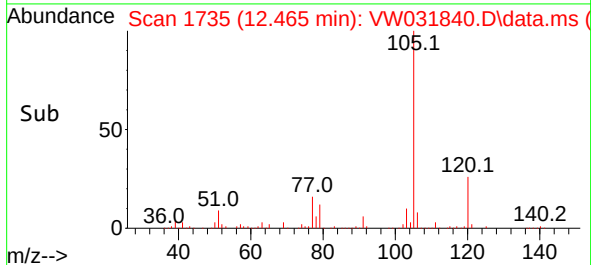
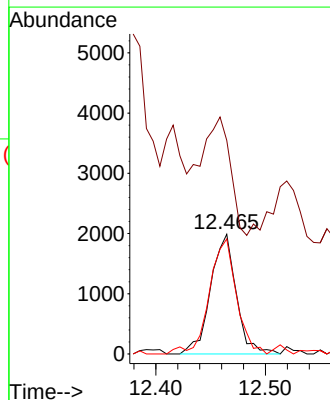
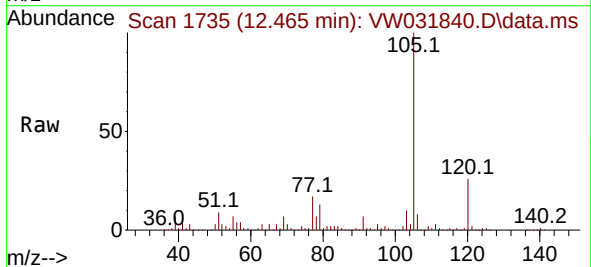
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

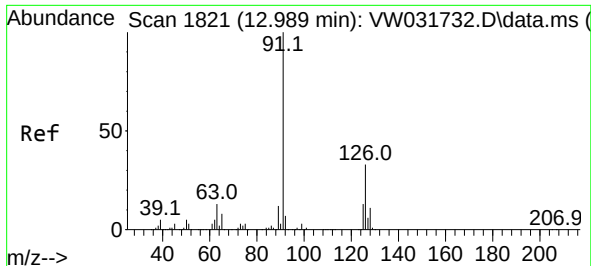
Tgt Ion:105 Resp: 127325  
Ion Ratio Lower Upper  
105 100  
120 46.8 23.8 71.2



#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.691 ug/l  
RT: 12.465 min Scan# 1735  
Delta R.T. -0.042 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 75 Resp: 3239  
Ion Ratio Lower Upper  
75 100  
53 89.1 83.5 125.3  
89 101.1 38.3 57.5#

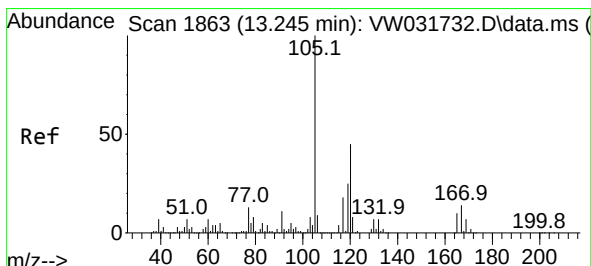
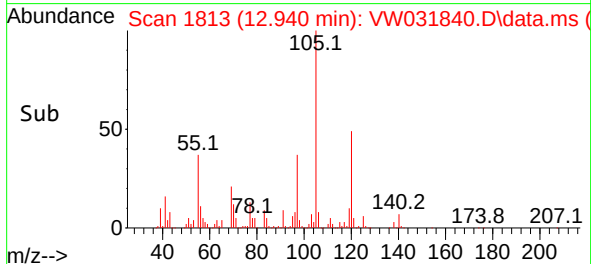
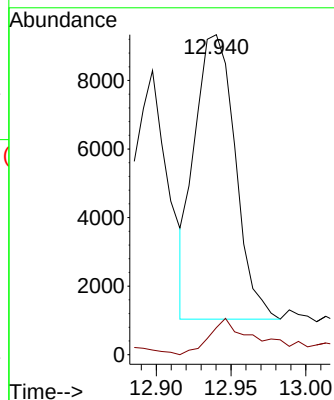
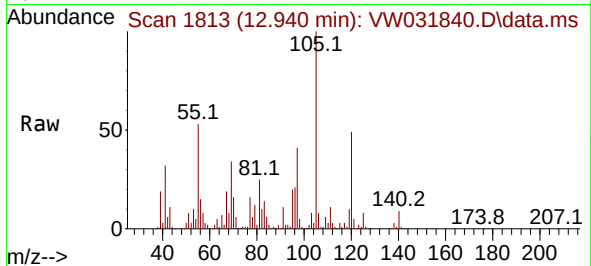




#82  
4-Chlorotoluene  
Concen: 2.185 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.048 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

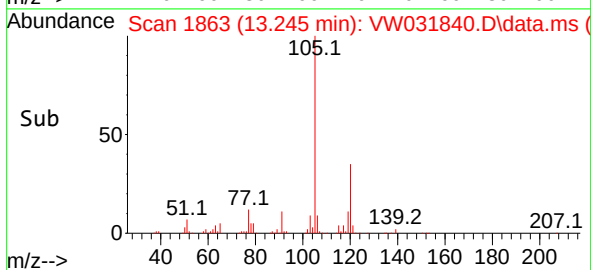
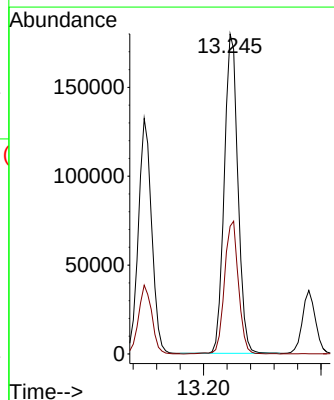
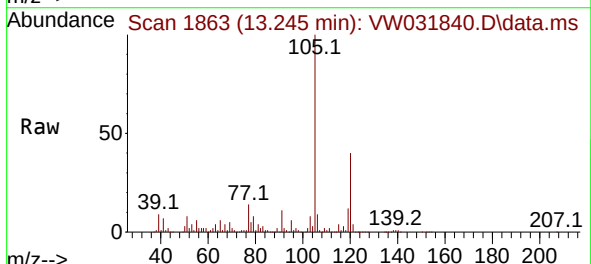
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

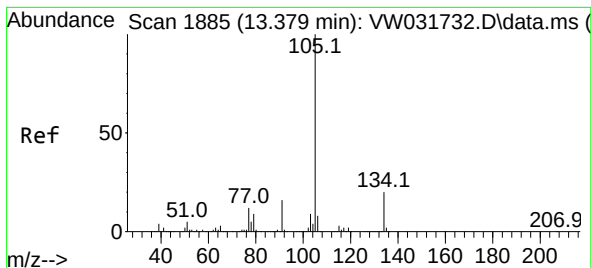
Tgt Ion: 91 Resp: 15655  
Ion Ratio Lower Upper  
91 100  
126 15.5 16.0 47.9#



#84  
1,2,4-Trimethylbenzene  
Concen: 36.475 ug/l  
RT: 13.245 min Scan# 1863  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion:105 Resp: 289573  
Ion Ratio Lower Upper  
105 100  
120 42.5 22.1 66.1

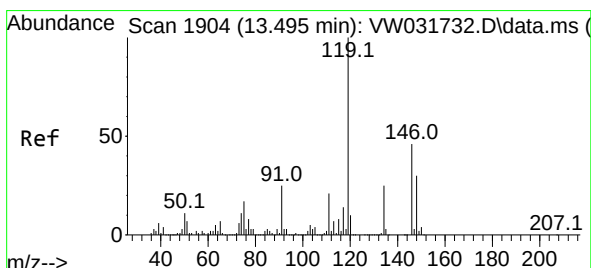
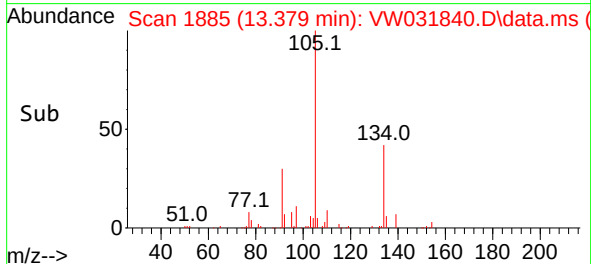
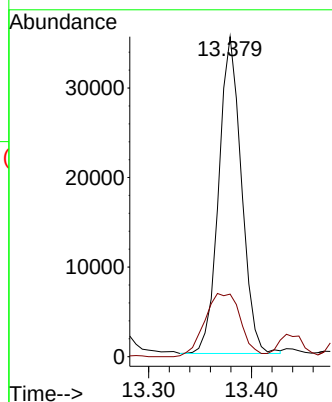
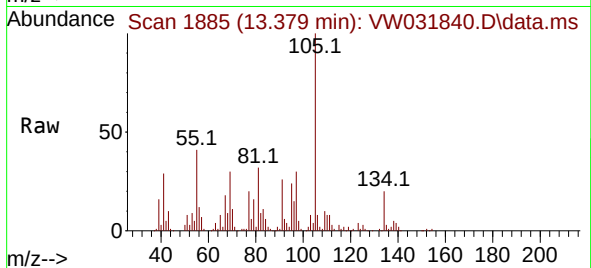




#85  
sec-Butylbenzene  
Concen: 5.381 ug/l  
RT: 13.379 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

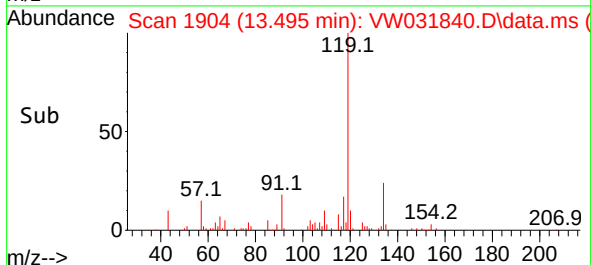
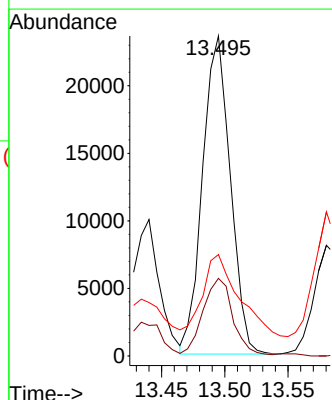
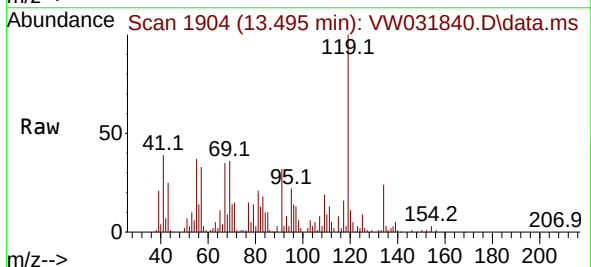
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

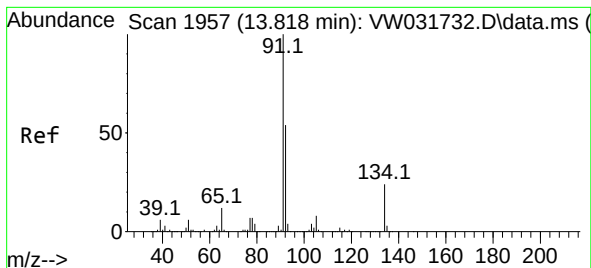
Tgt Ion:105 Resp: 54204  
Ion Ratio Lower Upper  
105 100  
134 31.8 9.6 28.8#



#86  
p-Isopropyltoluene  
Concen: 4.334 ug/l  
RT: 13.495 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion:119 Resp: 35983  
Ion Ratio Lower Upper  
119 100  
134 25.5 12.9 38.7  
91 33.5 12.7 38.0





#89

n-Butylbenzene

Concen: 3.570 ug/l

RT: 13.812 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VW031840.D

Acq: 14 Jul 2025 11:16

Instrument :

MSVOA\_W

ClientSampleId :

GCAP2

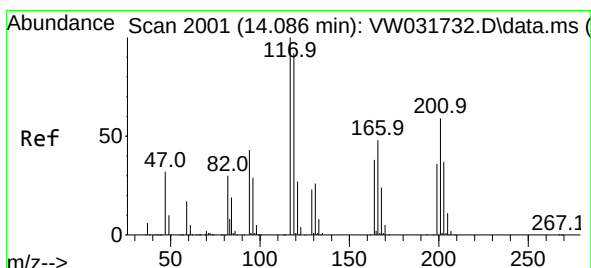
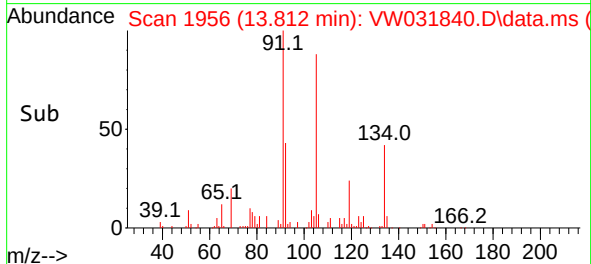
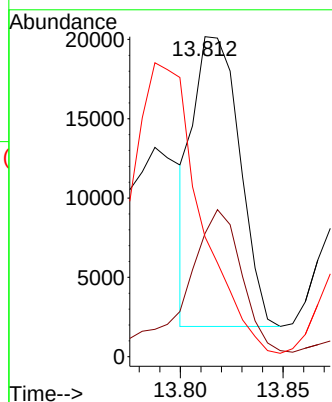
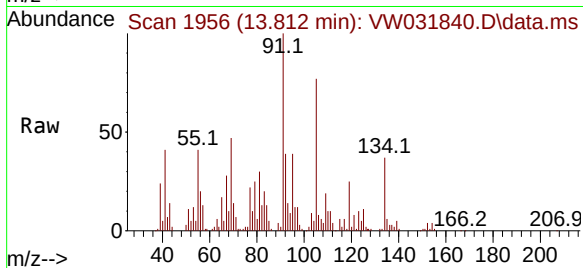
Tgt Ion: 91 Resp: 28799

Ion Ratio Lower Upper

91 100

92 56.1 27.2 81.5

134 0.0 12.2 36.6#



#90

Hexachloroethane

Concen: 11.388 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.007 min

Lab File: VW031840.D

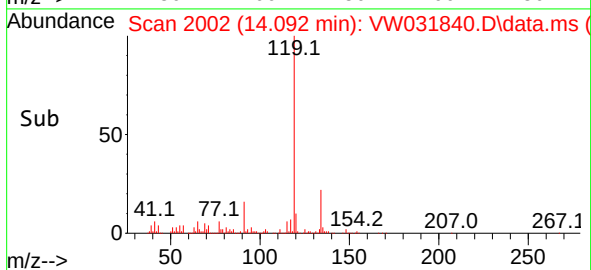
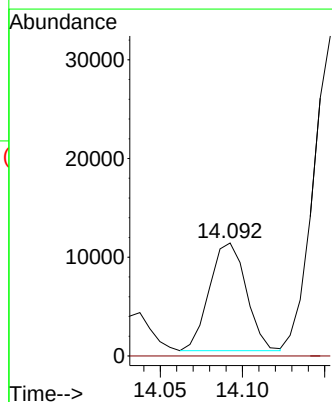
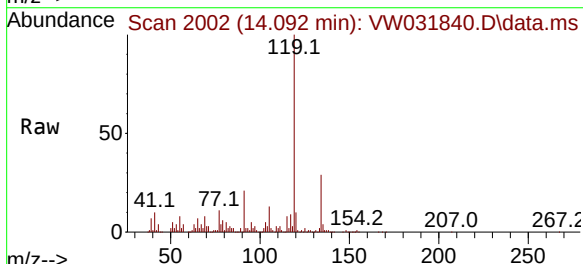
Acq: 14 Jul 2025 11:16

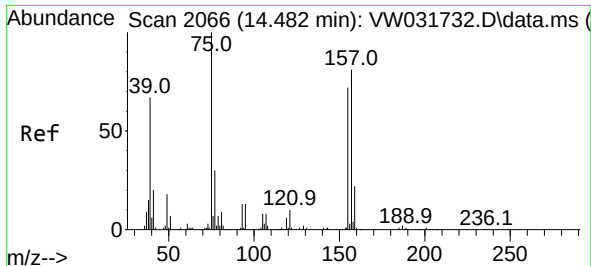
Tgt Ion: 117 Resp: 17058

Ion Ratio Lower Upper

117 100

201 0.0 31.1 93.3#

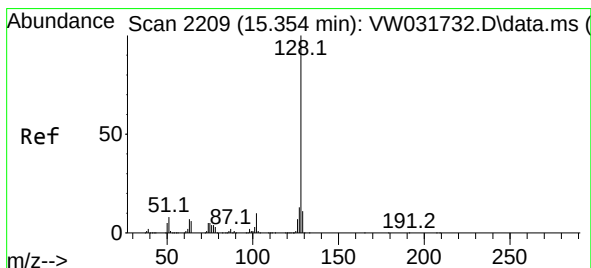
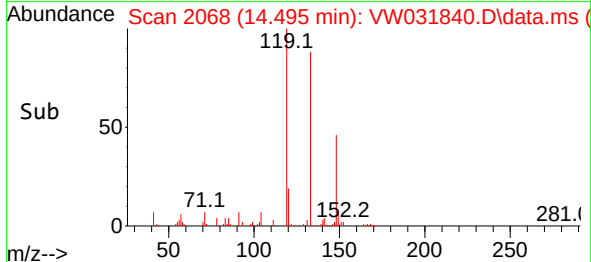
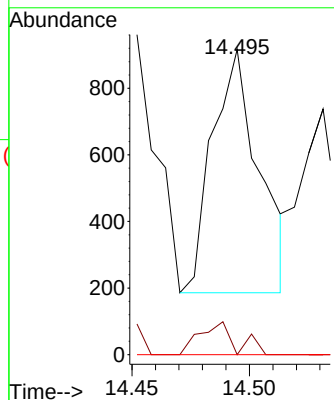
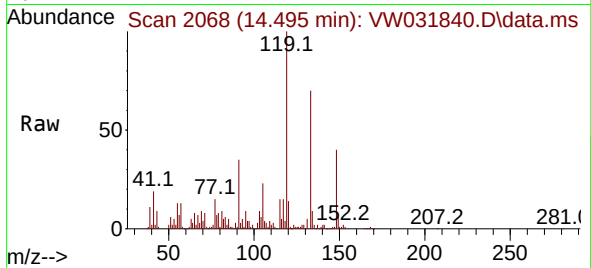




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.459 ug/l  
RT: 14.495 min Scan# 2068  
Delta R.T. 0.013 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
GCAP2

Tgt Ion: 75 Resp: 1009  
Ion Ratio Lower Upper  
75 100  
155 10.5 37.2 111.6#  
157 0.0 45.6 136.9#



#95  
Naphthalene  
Concen: 2.070 ug/l  
RT: 15.318 min Scan# 2203  
Delta R.T. -0.036 min  
Lab File: VW031840.D  
Acq: 14 Jul 2025 11:16

Tgt Ion: 128 Resp: 12111  
Ion Ratio Lower Upper  
128 100  
127 42.8 10.8 16.2#  
129 86.8 8.7 13.1#

