

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091725\  
 Data File : VX047606.D  
 Acq On : 17 Sep 2025 10:57  
 Operator : JC/MD  
 Sample : Q3109-02DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW1DL

Quant Time: Sep 22 03:03:00 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.543  | 168  | 157331   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.751  | 114  | 316909   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 305419   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 148891   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 116538   | 46.535   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 93.060%  |
| 35) Dibromofluoromethane    | 5.373  | 113   | 94748    | 44.580   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 89.160%  |
| 50) Toluene-d8              | 8.634  | 98    | 342453   | 46.566   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 93.140%  |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 143886   | 51.553   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 103.100% |

|                               |        |     |        |        |        |        |
|-------------------------------|--------|-----|--------|--------|--------|--------|
| Target Compounds              |        |     |        |        |        | Qvalue |
| 5) Bromomethane               | 1.623  | 94  | 430    | 0.324  | ug/l # | 50     |
| 10) Methyl Iodide             | 2.465  | 142 | 755    | 0.266  | ug/l # | 72     |
| 11) Tert butyl alcohol        | 2.940  | 59  | 244    | 0.875  | ug/l # | 72     |
| 13) Acrolein                  | 2.221  | 56  | 760    | 2.957  | ug/l # | 1      |
| 15) Acrylonitrile             | 3.105  | 53  | 1968   | 1.905  | ug/l # | 43     |
| 16) Acetone                   | 2.349  | 43  | 3785   | 3.476  | ug/l # | 45     |
| 17) Carbon Disulfide          | 2.520  | 76  | 1720   | 0.336  | ug/l # | 88     |
| 18) Methyl Acetate            | 2.782  | 43  | 15106  | 6.234  | ug/l # | 54     |
| 20) Methylene Chloride        | 2.794  | 84  | 659    | 0.286  | ug/l # | 58     |
| 23) Vinyl Acetate             | 3.721  | 43  | 1243   | 0.208  | ug/l # | 73     |
| 25) 2-Butanone                | 4.544  | 43  | 699    | 0.515  | ug/l # | 50     |
| 31) Cyclohexane               | 5.458  | 56  | 45942  | 13.883 | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 5.531  | 75  | 13843  | 4.457  | ug/l # | 50     |
| 38) Carbon Tetrachloride      | 5.543  | 117 | 17314  | 5.131  | ug/l # | 18     |
| 39) Methylcyclohexane         | 7.366  | 83  | 21113  | 5.989  | ug/l   | 94     |
| 40) Benzene                   | 6.031  | 78  | 5483   | 0.581  | ug/l   | 93     |
| 48) Methyl methacrylate       | 7.641  | 41  | 2312   | 0.851  | ug/l # | 68     |
| 49) 1,4-Dioxane               | 7.677  | 88  | 21     | 0.765  | ug/l # | 66     |
| 51) 4-Methyl-2-Pentanone      | 8.561  | 43  | 712    | 0.235  | ug/l # | 65     |
| 52) Toluene                   | 8.708  | 92  | 1449   | 0.249  | ug/l   | 85     |
| 55) 1,1,2-Trichloroethane     | 9.086  | 97  | 1277   | 0.570  | ug/l # | 23     |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63  | 238    | 8.035  | ug/l # | 47     |
| 59) 2-Hexanone                | 9.421  | 43  | 501    | 0.231  | ug/l   | 64     |
| 67) Ethyl Benzene             | 10.177 | 91  | 949108 | 79.278 | ug/l   | 100    |
| 68) m/p-Xylenes               | 10.287 | 106 | 16520  | 3.707  | ug/l   | 99     |
| 69) o-Xylene                  | 10.628 | 106 | 2964   | 0.688  | ug/l   | 91     |
| 73) Isopropylbenzene          | 10.945 | 105 | 44822  | 3.960  | ug/l   | 99     |
| 76) 1,2,3-Trichloropropane    | 11.061 | 75  | 74886  | 24.841 | ug/l # | 39     |
| 78) n-propylbenzene           | 11.286 | 91  | 152586 | 11.403 | ug/l   | 100    |
| 79) 2-Chlorotoluene           | 11.286 | 91  | 152586 | 18.618 | ug/l # | 42     |
| 80) 1,3,5-Trimethylbenzene    | 11.384 | 105 | 29747  | 3.199  | ug/l   | 73     |
| 81) trans-1,4-Dichloro-2-b... | 11.061 | 75  | 74886  | 63.349 | ug/l # | 8      |
| 82) 4-Chlorotoluene           | 11.286 | 91  | 152586 | 15.764 | ug/l # | 46     |
| 84) 1,2,4-Trimethylbenzene    | 11.731 | 105 | 362169 | 38.411 | ug/l   | 100    |
| 85) sec-Butylbenzene          | 11.731 | 105 | 362169 | 32.027 | ug/l # | 57     |
| 86) p-Isopropyltoluene        | 11.994 | 119 | 5044   | 0.527  | ug/l   | 90     |

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Sample : Q3109-02DL 20X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

Quant Time: Sep 22 03:03:00 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration

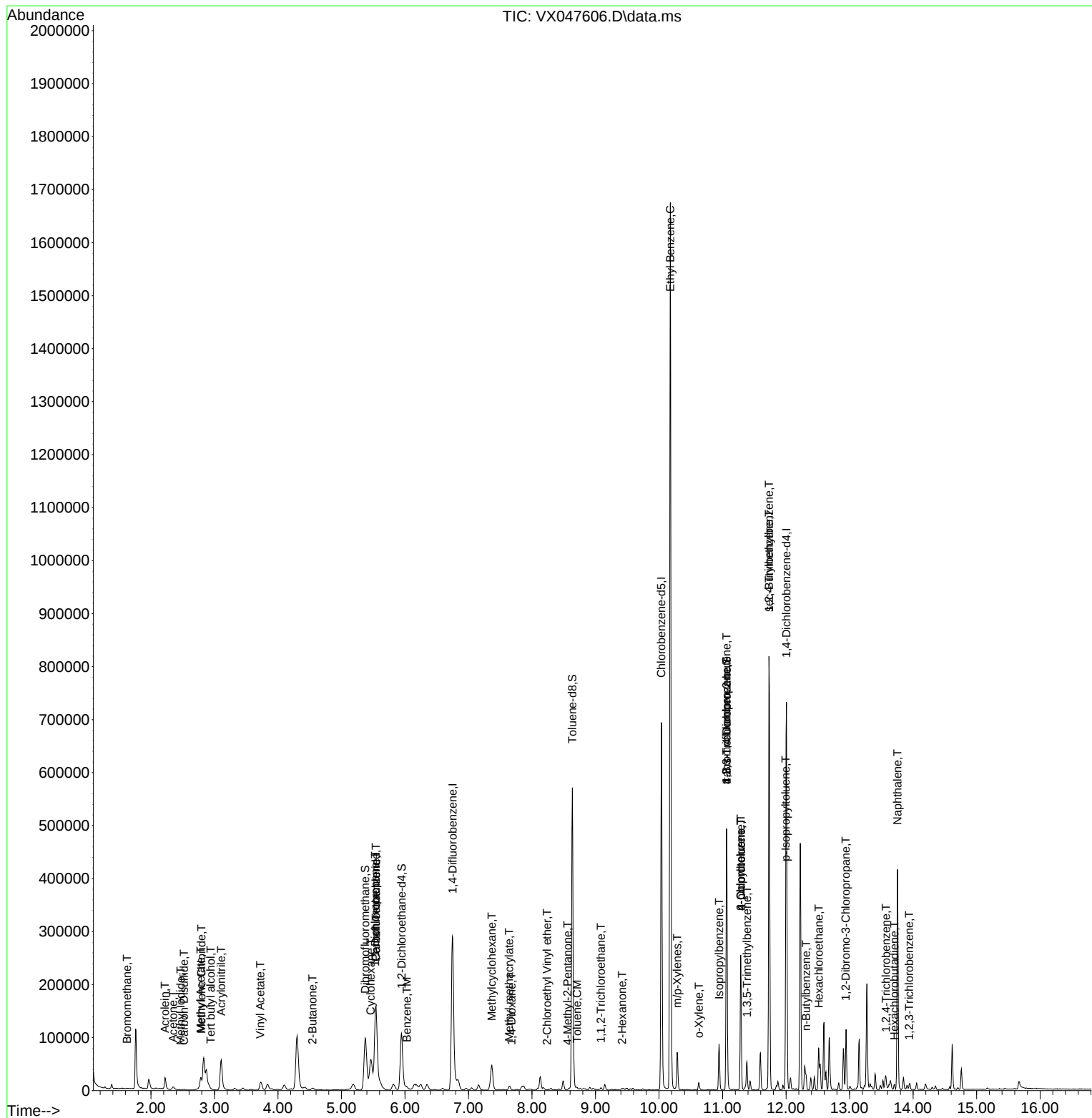
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 89) n-Butylbenzene            | 12.317 | 91   | 13619    | 1.537  | ug/l # | 75       |
| 90) Hexachloroethane          | 12.518 | 117  | 5129     | 3.051  | ug/l # | 20       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.938 | 75   | 403      | 0.581  | ug/l # | 11       |
| 93) 1,2,4-Trichlorobenzene    | 13.573 | 180  | 1629     | 0.508  | ug/l # | 78       |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 1259     | 1.156  | ug/l   | 97       |
| 95) Naphthalene               | 13.755 | 128  | 238753   | 24.454 | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.938 | 180  | 1638     | 0.549  | ug/l # | 85       |

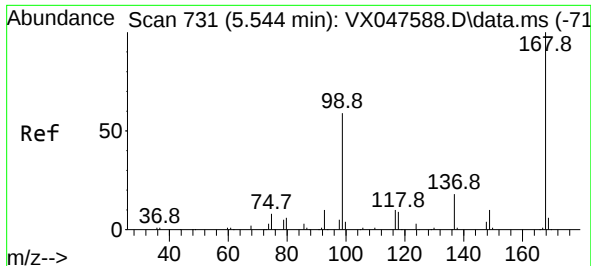
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
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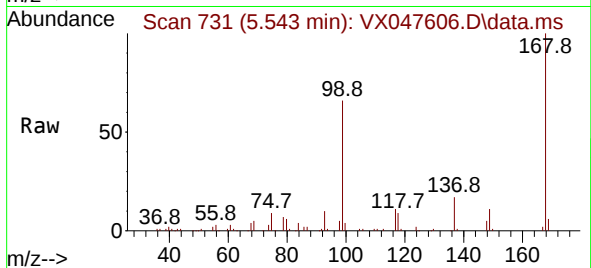
Quant Time: Sep 22 03:03:00 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
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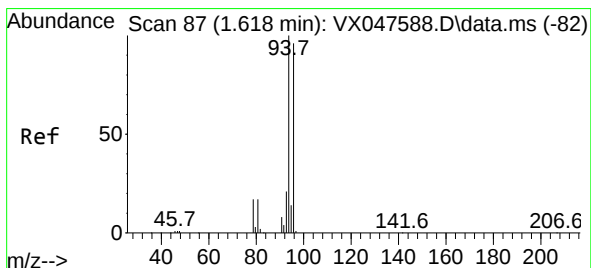
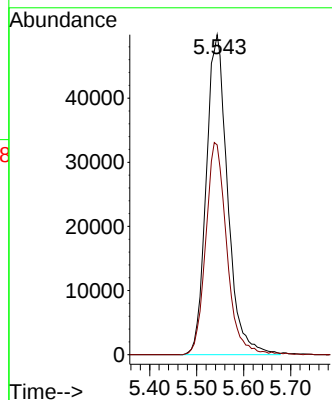
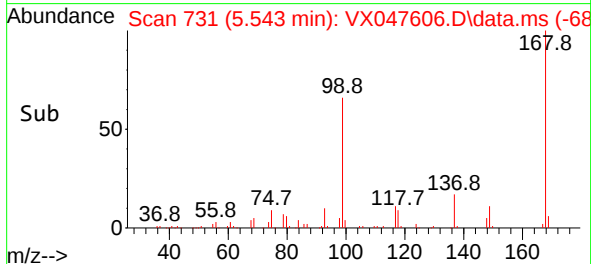


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.543 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

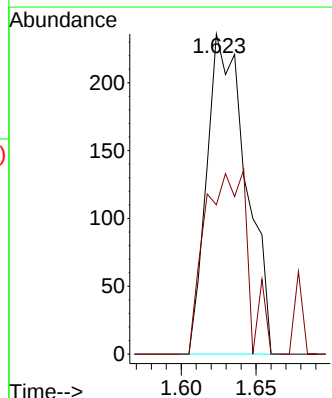
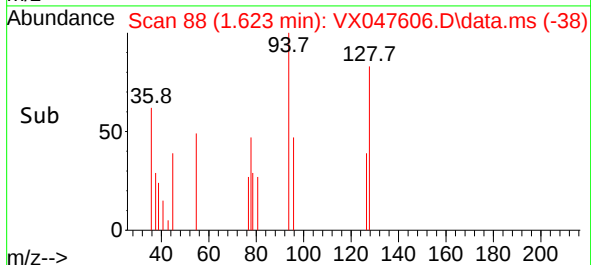
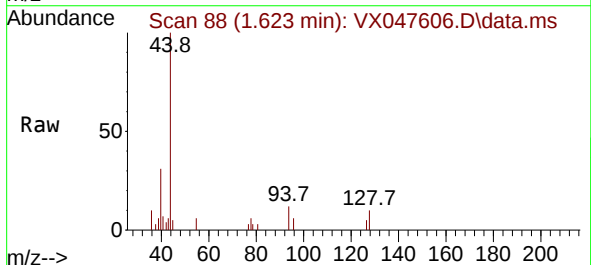


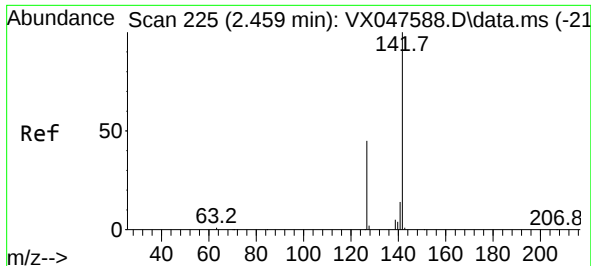
Tgt Ion:168 Resp: 157331  
Ion Ratio Lower Upper  
168 100  
99 65.6 48.8 73.2



#5  
Bromomethane  
Concen: 0.324 ug/l  
RT: 1.623 min Scan# 88  
Delta R.T. 0.006 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

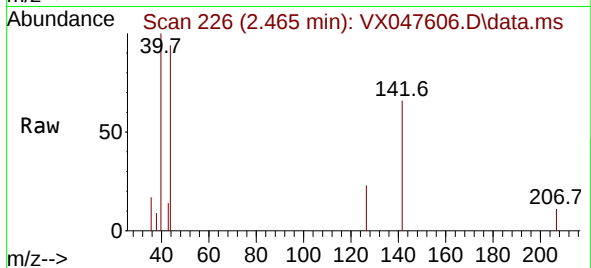
Tgt Ion: 94 Resp: 430  
Ion Ratio Lower Upper  
94 100  
96 46.6 76.6 115.0#



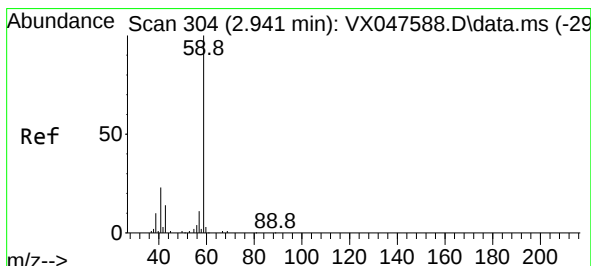
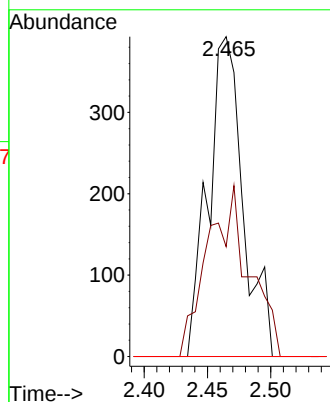
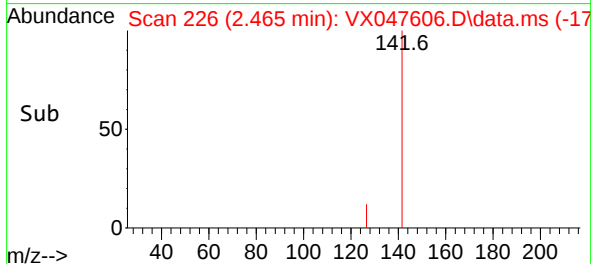


#10  
Methyl Iodide  
Concen: 0.266 ug/l  
RT: 2.465 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

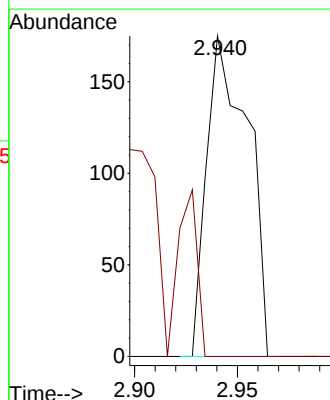
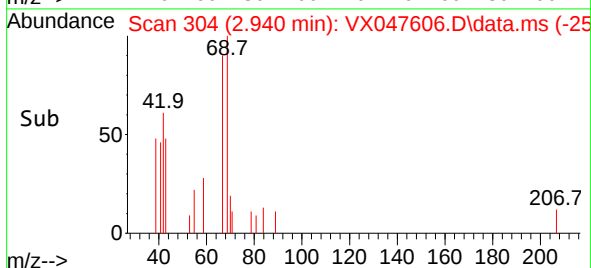
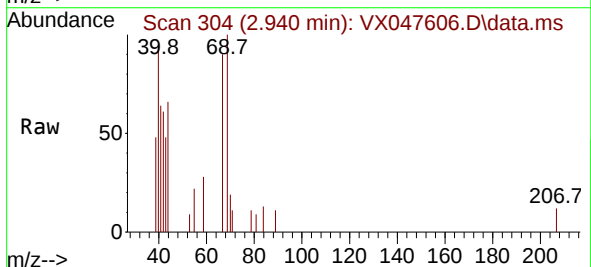


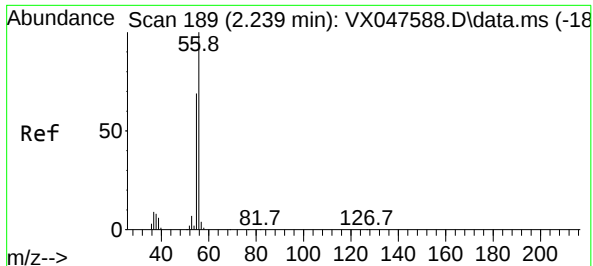
Tgt Ion:142 Resp: 755  
Ion Ratio Lower Upper  
142 100  
127 63.7 37.2 55.8#  
141 0.0 11.4 17.0#



#11  
Tert butyl alcohol  
Concen: 0.875 ug/l  
RT: 2.940 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion: 59 Resp: 244  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 2.957 ug/l

RT: 2.221 min Scan# 11

Delta R.T. -0.019 min

Lab File: VX047606.D

Acq: 17 Sep 2025 10:57

Instrument :

MSVOA\_X

ClientSampleId :

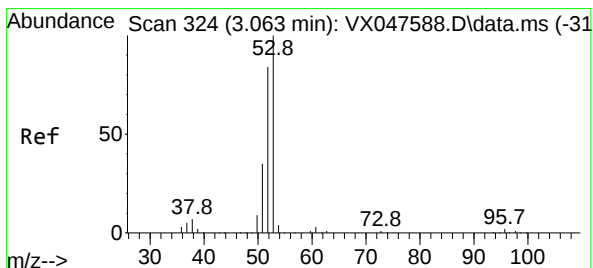
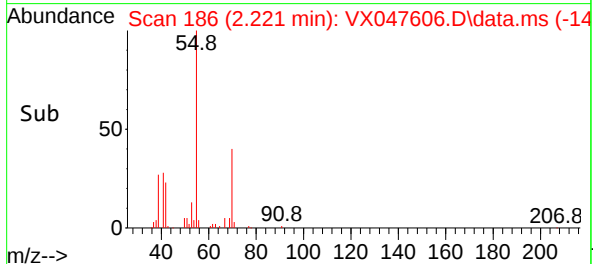
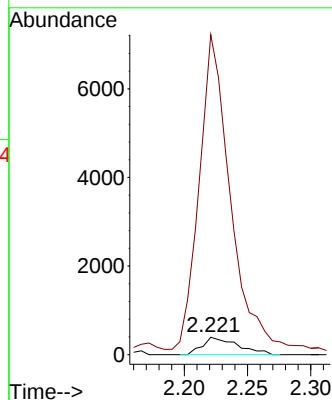
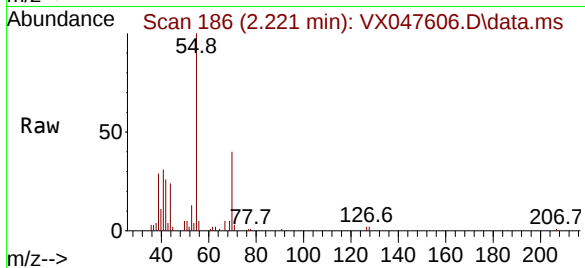
MW1DL

Tgt Ion: 56 Resp: 760

Ion Ratio Lower Upper

56 100

55 1723.0 57.2 85.8#



#15

Acrylonitrile

Concen: 1.905 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.042 min

Lab File: VX047606.D

Acq: 17 Sep 2025 10:57

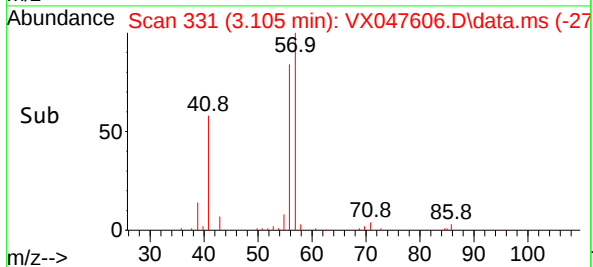
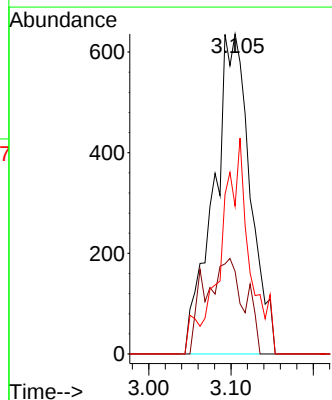
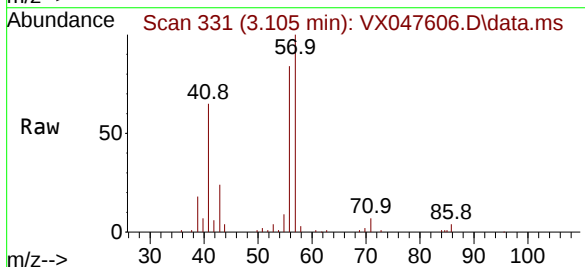
Tgt Ion: 53 Resp: 1968

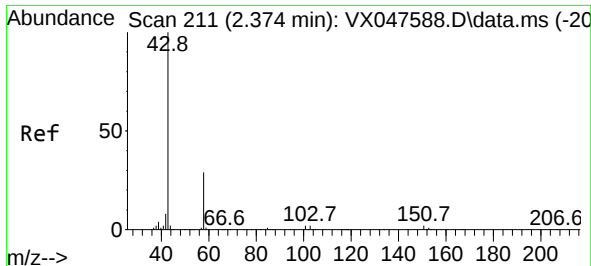
Ion Ratio Lower Upper

53 100

52 20.6 66.4 99.6#

51 54.3 29.5 44.3#

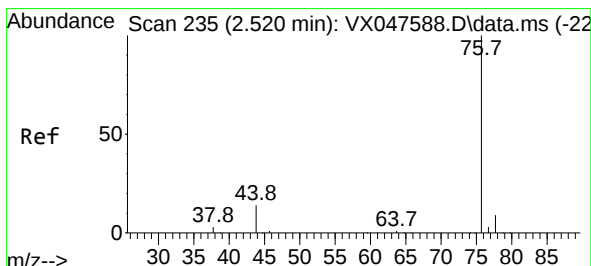
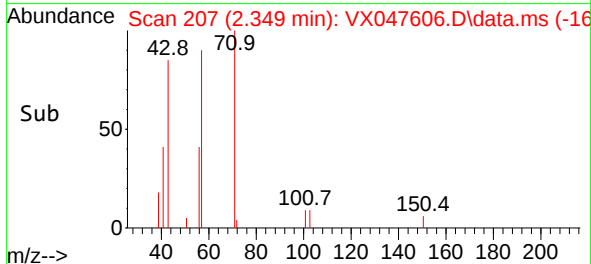
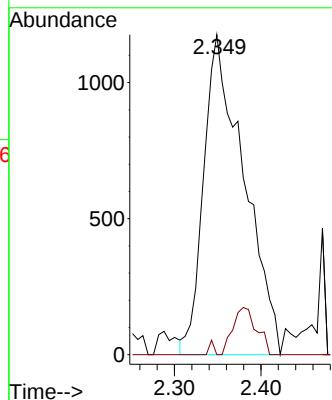
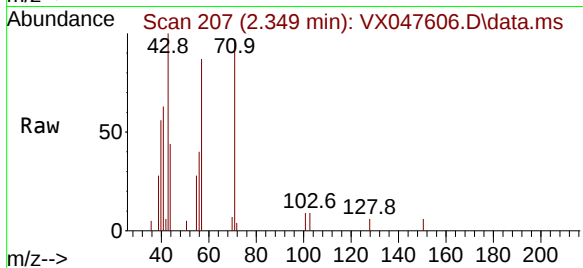




#16  
Acetone  
Concen: 3.476 ug/l  
RT: 2.349 min Scan# 207  
Delta R.T. -0.025 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

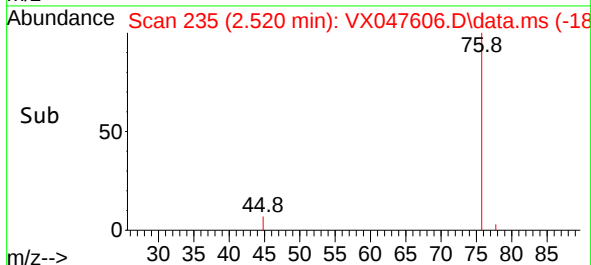
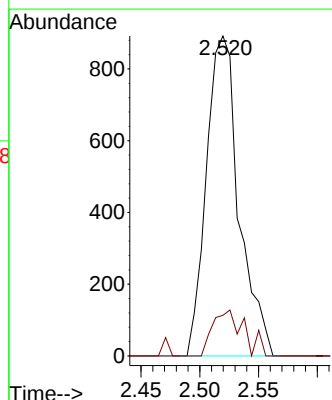
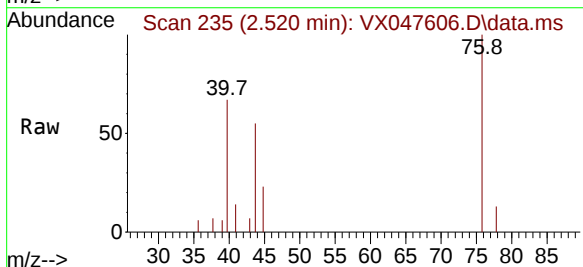
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MW1DL

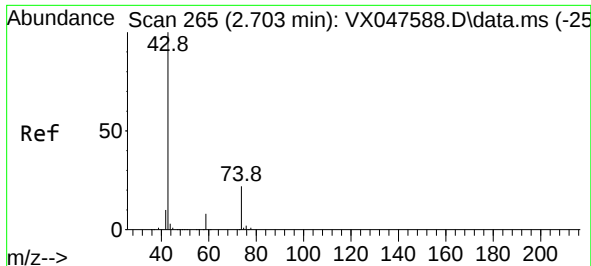
Tgt Ion: 43 Resp: 3785  
Ion Ratio Lower Upper  
43 100  
58 0.0 23.4 35.0#



#17  
Carbon Disulfide  
Concen: 0.336 ug/l  
RT: 2.520 min Scan# 235  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

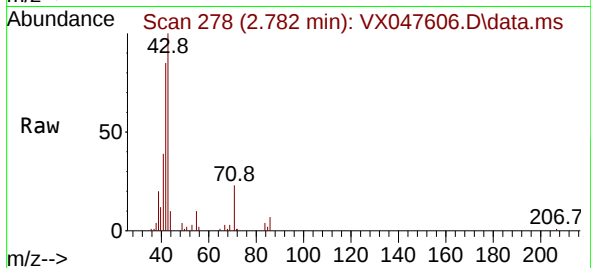
Tgt Ion: 76 Resp: 1720  
Ion Ratio Lower Upper  
76 100  
78 12.7 6.8 10.2#



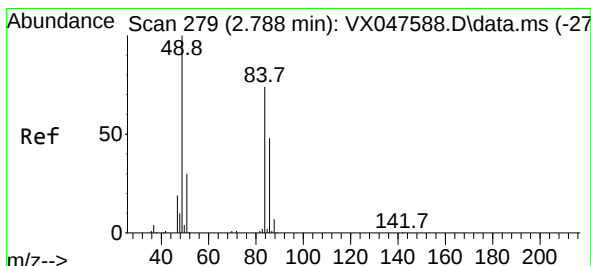
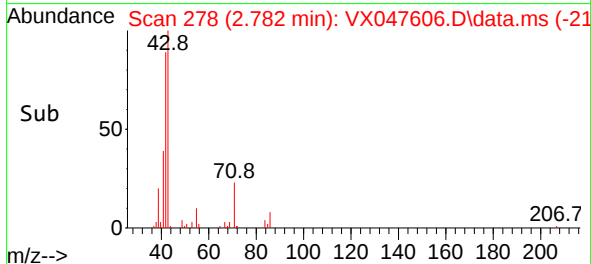
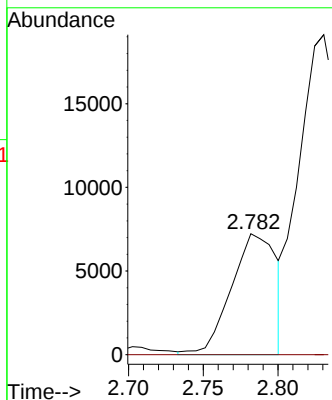


#18  
Methyl Acetate  
Concen: 6.234 ug/l  
RT: 2.782 min Scan# 21  
Delta R.T. 0.079 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

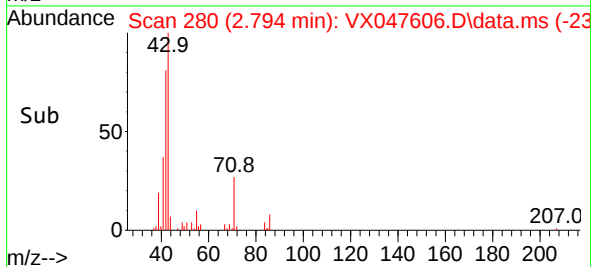
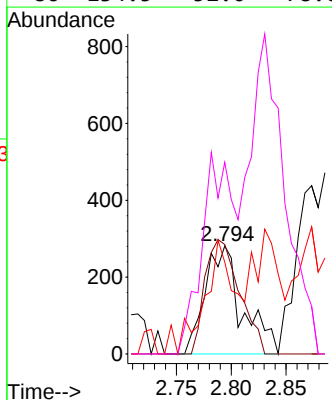
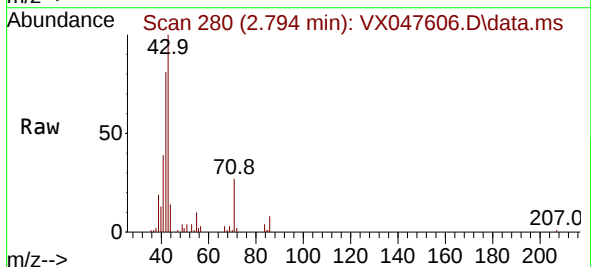


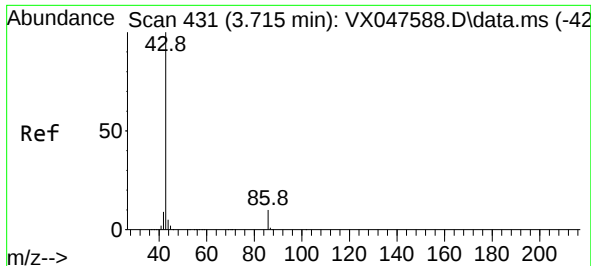
Tgt Ion: 43 Resp: 15106  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.4 26.2#



#20  
Methylene Chloride  
Concen: 0.286 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion: 84 Resp: 659  
Ion Ratio Lower Upper  
84 100  
49 109.7 108.6 162.8  
51 64.4 32.6 48.8#  
86 134.5 52.0 78.0#

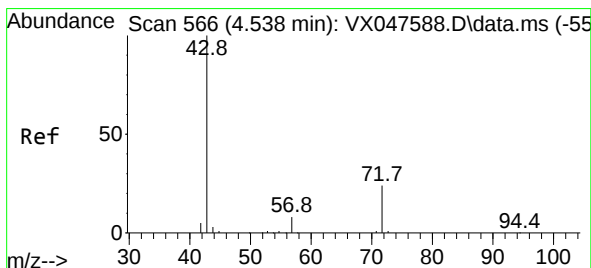
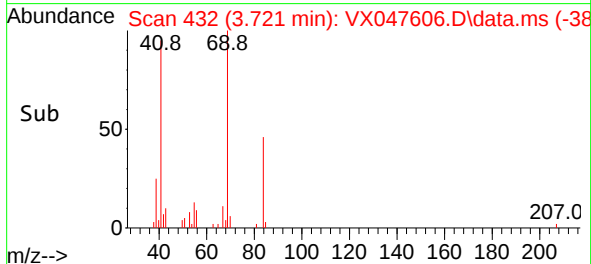
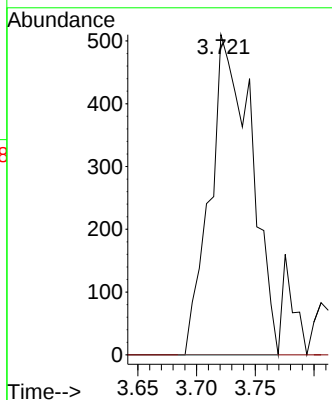
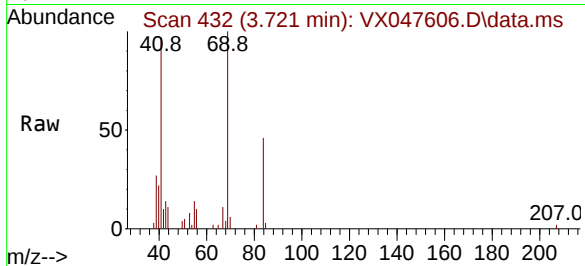




#23  
 Vinyl Acetate  
 Concen: 0.208 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX047606.D  
 Acq: 17 Sep 2025 10:57

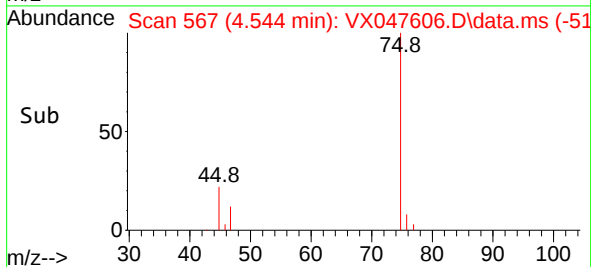
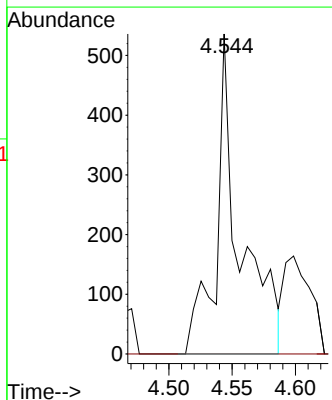
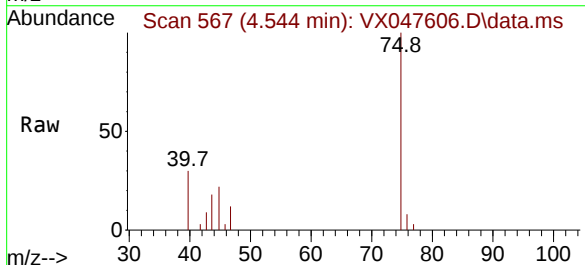
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW1DL

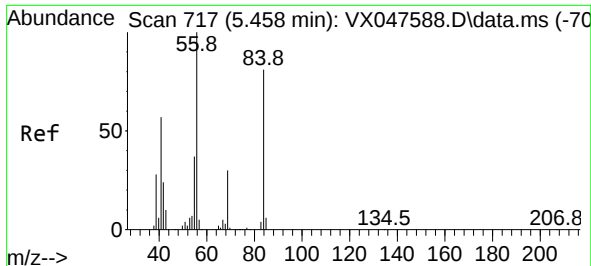
Tgt Ion: 43 Resp: 1243  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 7.8 11.8#



#25  
 2-Butanone  
 Concen: 0.515 ug/l  
 RT: 4.544 min Scan# 567  
 Delta R.T. 0.006 min  
 Lab File: VX047606.D  
 Acq: 17 Sep 2025 10:57

Tgt Ion: 43 Resp: 699  
 Ion Ratio Lower Upper  
 43 100  
 72 0.0 20.1 30.1#

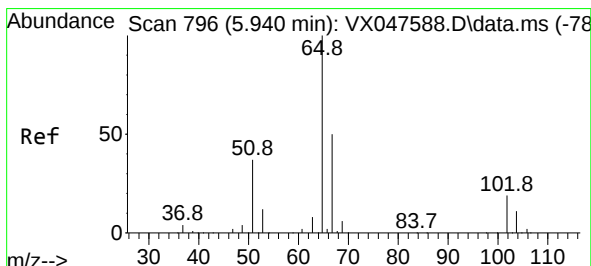
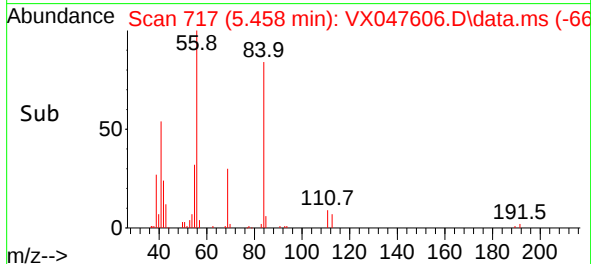
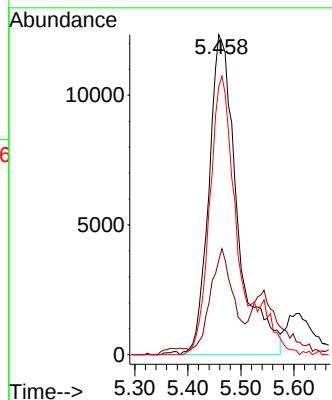
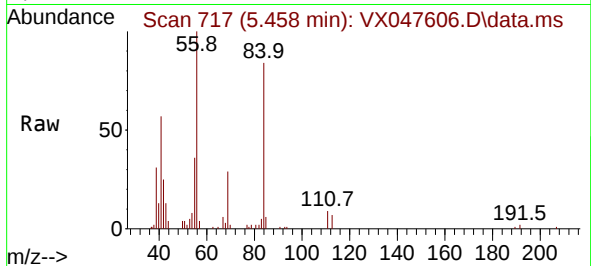




#31  
Cyclohexane  
Concen: 13.883 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

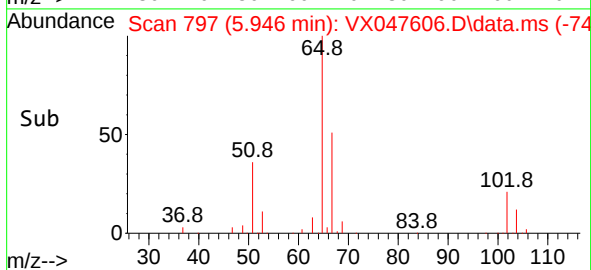
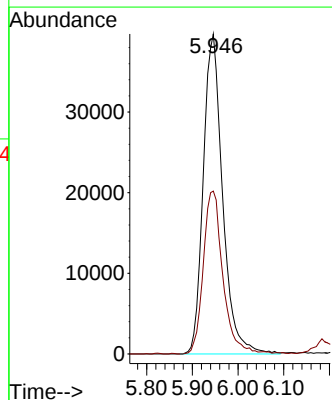
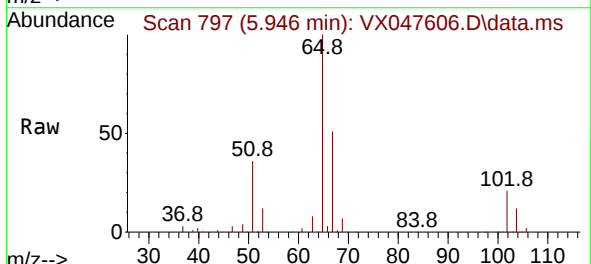
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

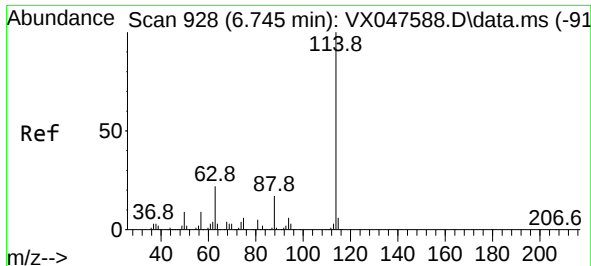
Tgt Ion: 56 Resp: 45942  
Ion Ratio Lower Upper  
56 100  
69 27.5 23.8 35.8  
84 83.8 64.6 97.0



#33  
1,2-Dichloroethane-d4  
Concen: 46.535 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. 0.006 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion: 65 Resp: 116538  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 103.0

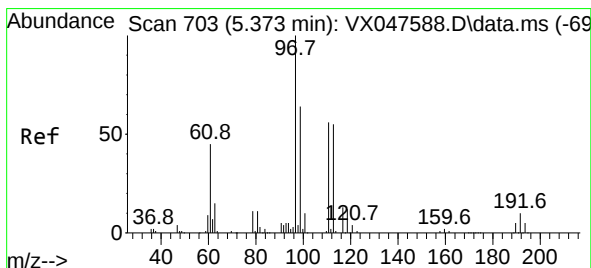
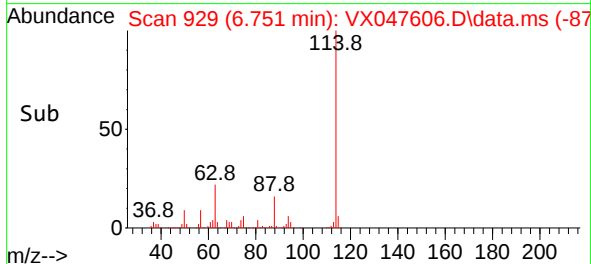
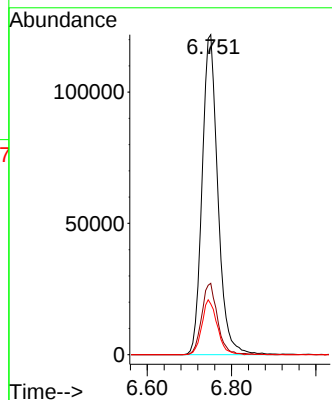
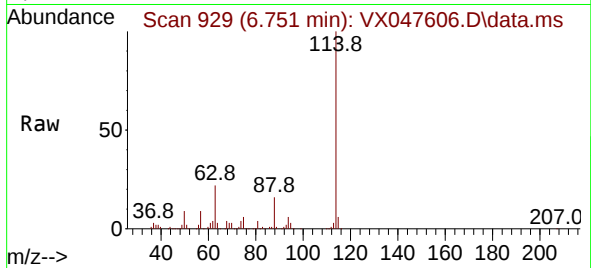




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

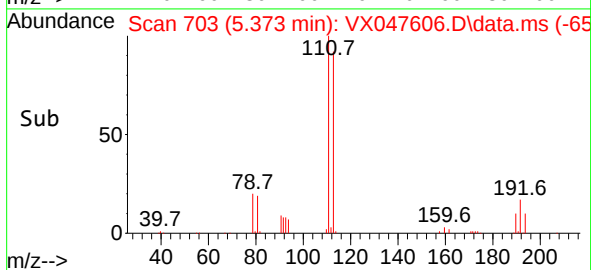
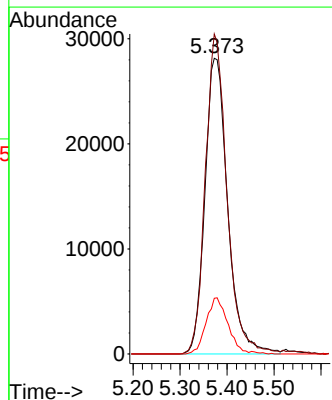
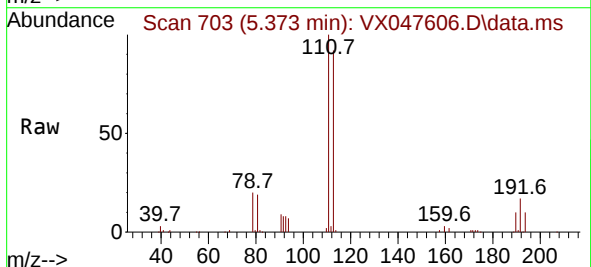
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

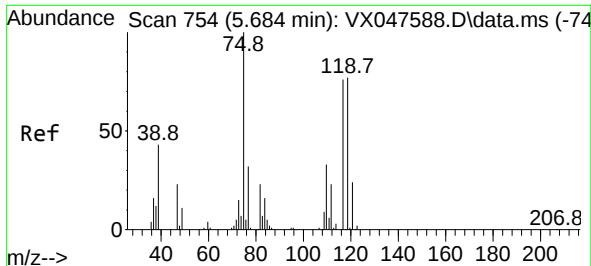
Tgt Ion:114 Resp: 316909  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 44.0  
88 15.8 0.0 34.2



#35  
Dibromofluoromethane  
Concen: 44.580 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion:113 Resp: 94748  
Ion Ratio Lower Upper  
113 100  
111 102.8 80.9 121.3  
192 18.3 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.457 ug/l

RT: 5.531 min Scan# 711

Delta R.T. -0.153 min

Lab File: VX047606.D

Acq: 17 Sep 2025 10:57

Instrument :

MSVOA\_X

ClientSampleId :

MW1DL

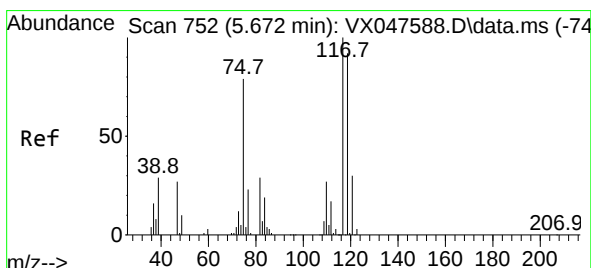
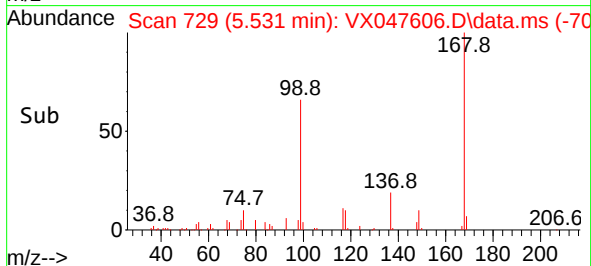
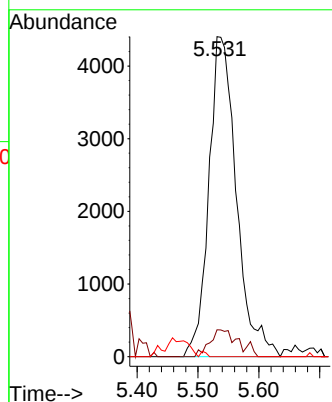
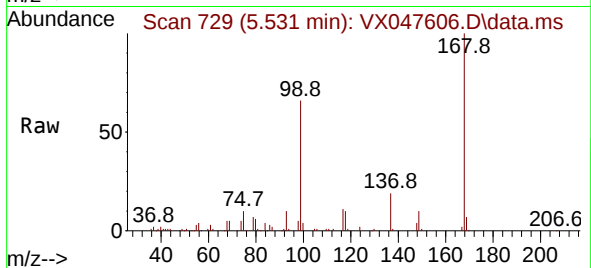
Tgt Ion: 75 Resp: 13843

Ion Ratio Lower Upper

75 100

110 7.8 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.131 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX047606.D

Acq: 17 Sep 2025 10:57

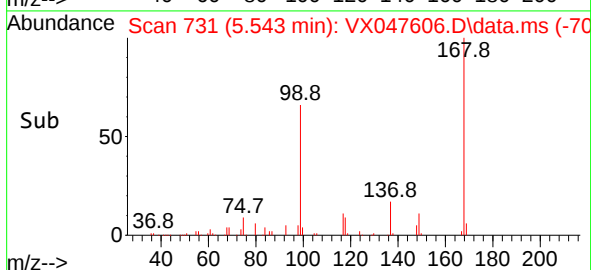
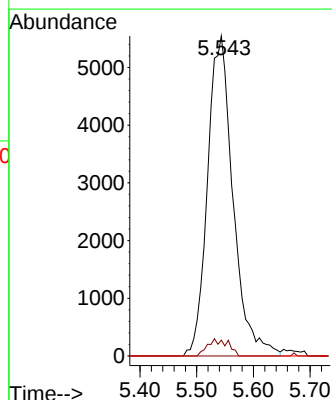
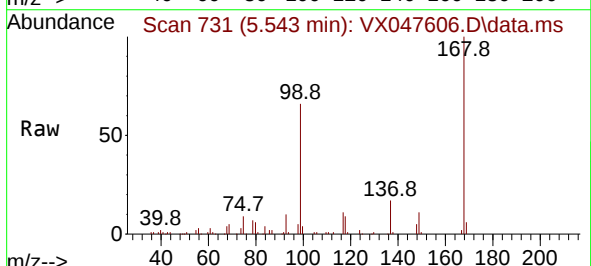
Tgt Ion: 117 Resp: 17314

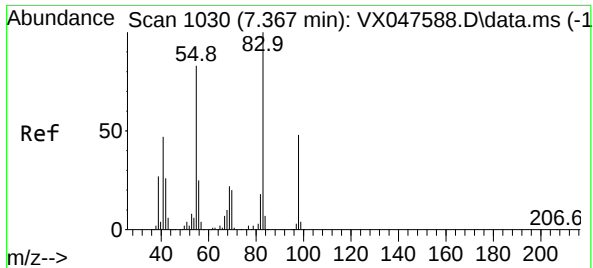
Ion Ratio Lower Upper

117 100

119 4.9 73.4 110.2#

121 0.0 23.8 35.6#

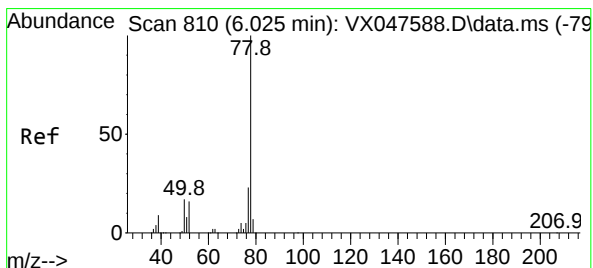
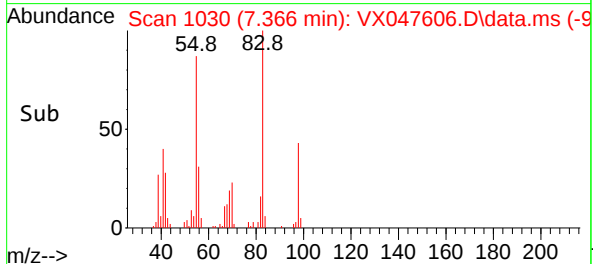
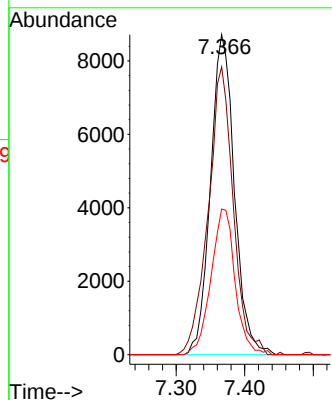
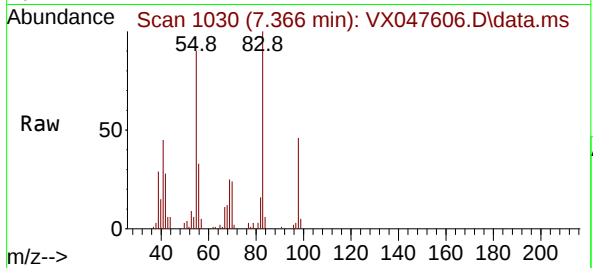




#39  
Methylcyclohexane  
Concen: 5.989 ug/l  
RT: 7.366 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

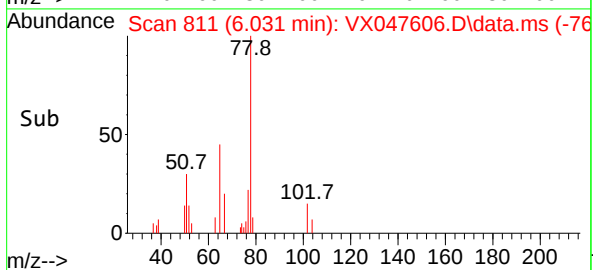
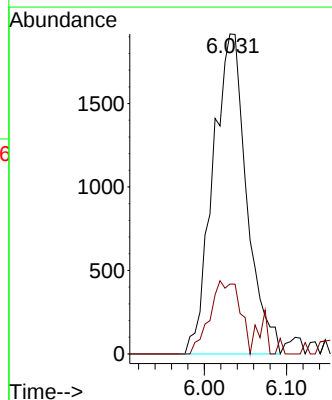
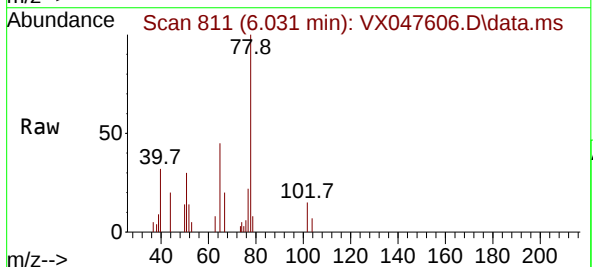
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

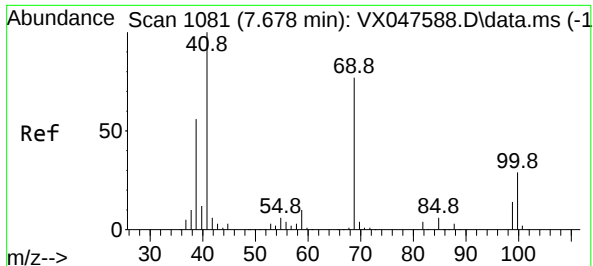
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 21113 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 89.2  | 66.4  | 99.6  |
| 98       | 45.5  | 38.1  | 57.1  |



#40  
Benzene  
Concen: 0.581 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 5483  |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 20.2  | 18.8  | 28.2  |

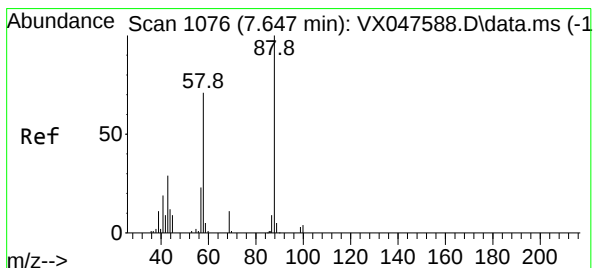
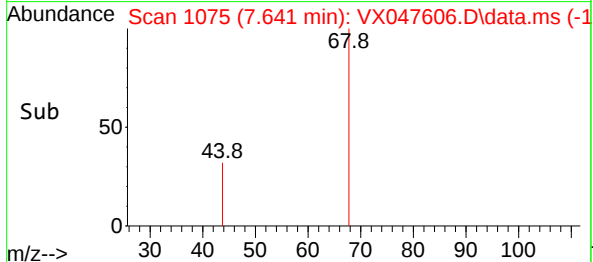
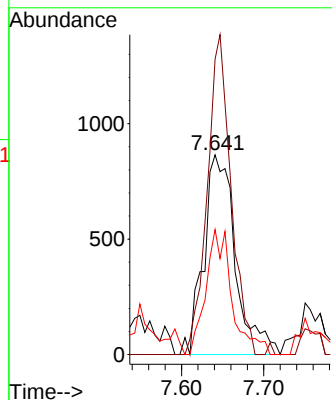
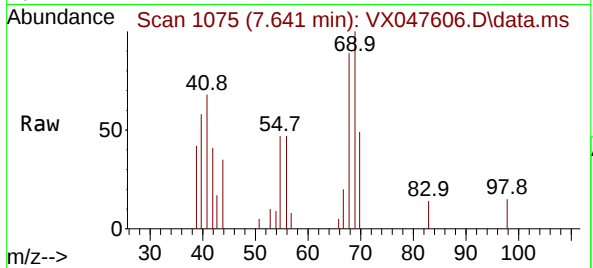




#48  
Methyl methacrylate  
Concen: 0.851 ug/l  
RT: 7.641 min Scan# 1081  
Delta R.T. -0.037 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

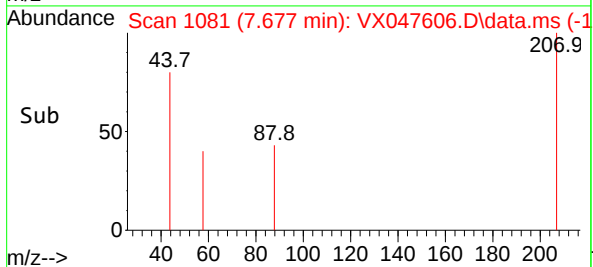
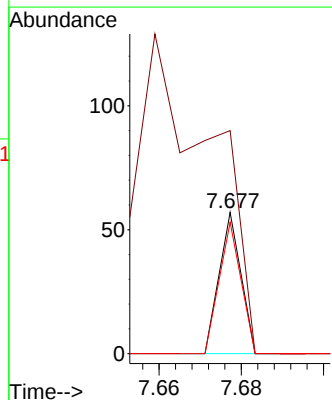
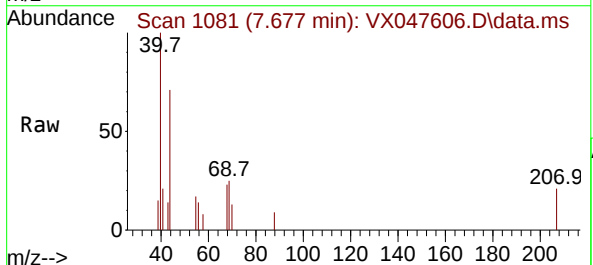
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

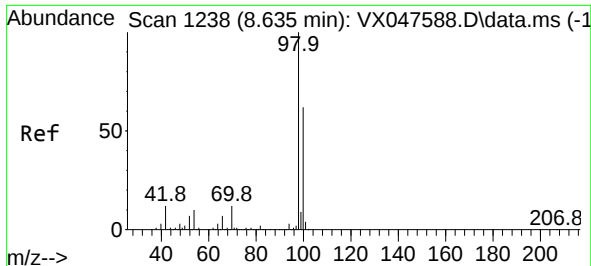
Tgt Ion: 41 Resp: 2312  
Ion Ratio Lower Upper  
41 100  
69 120.2 61.4 92.2#  
39 51.7 45.8 68.6



#49  
1,4-Dioxane  
Concen: 0.765 ug/l  
RT: 7.677 min Scan# 1081  
Delta R.T. 0.030 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion: 88 Resp: 21  
Ion Ratio Lower Upper  
88 100  
43 0.0 30.2 45.2#  
58 90.5 59.5 89.3#

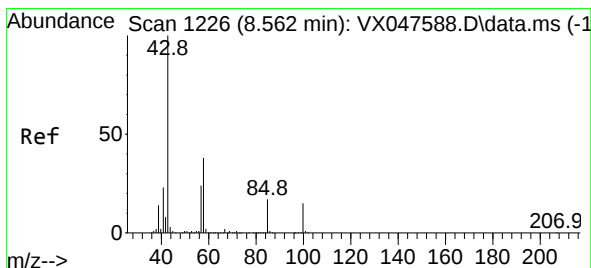
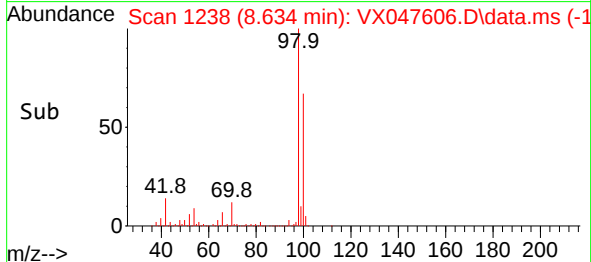
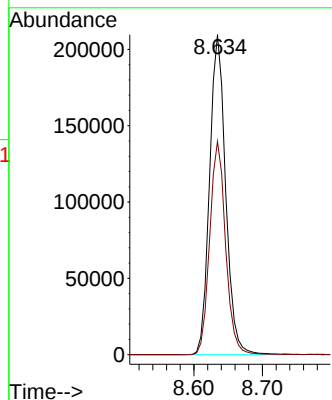
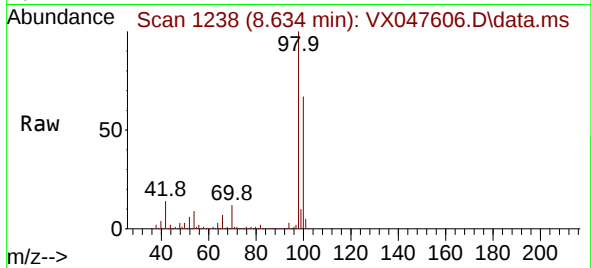




#50  
Toluene-d8  
Concen: 46.566 ug/l  
RT: 8.634 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

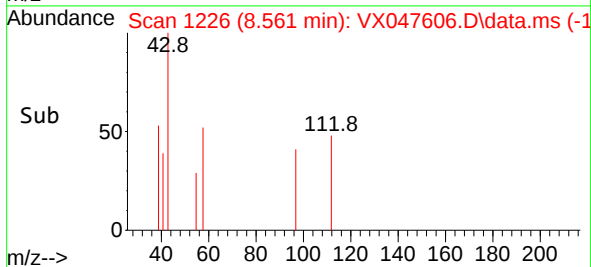
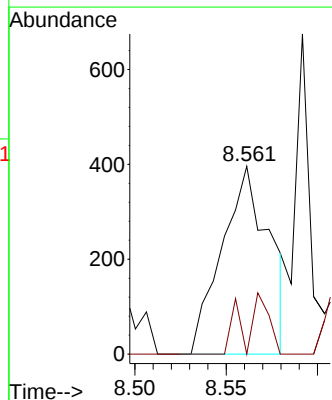
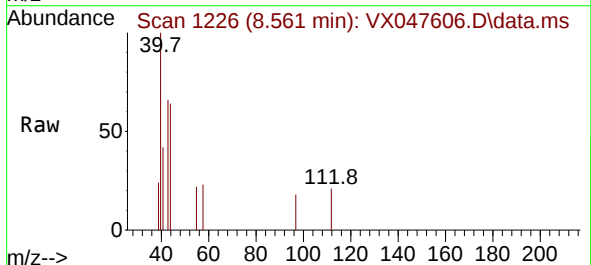
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

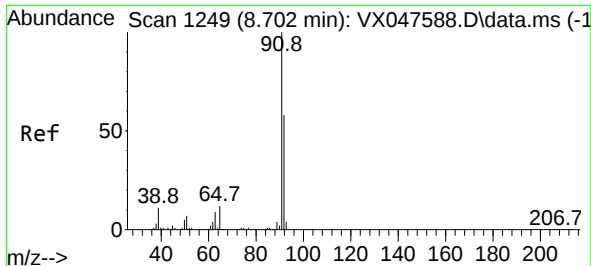
Tgt Ion: 98 Resp: 342453  
Ion Ratio Lower Upper  
98 100  
100 65.9 53.0 79.4



#51  
4-Methyl-2-Pentanone  
Concen: 0.235 ug/l  
RT: 8.561 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion: 43 Resp: 712  
Ion Ratio Lower Upper  
43 100  
58 16.9 30.3 45.5#

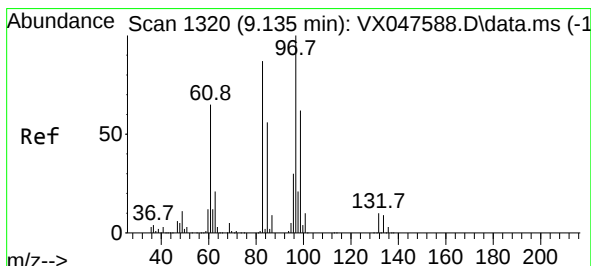
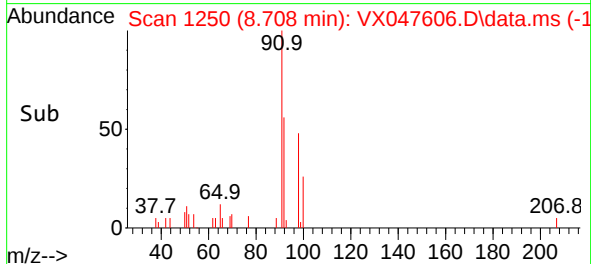
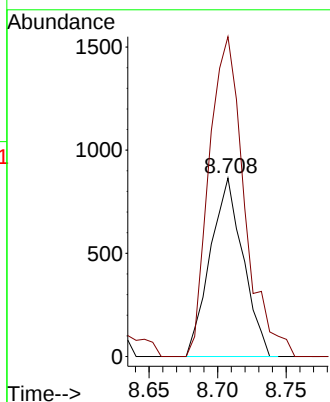
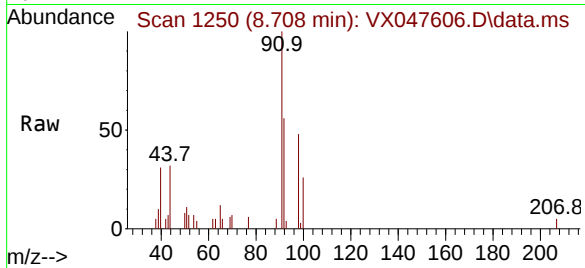




#52  
Toluene  
Concen: 0.249 ug/l  
RT: 8.708 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

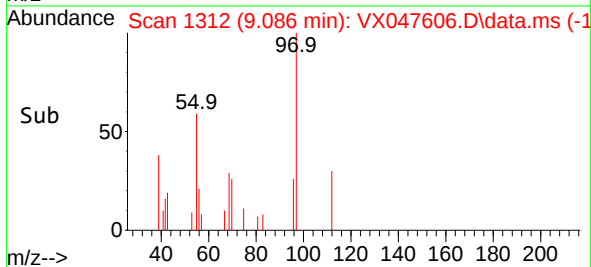
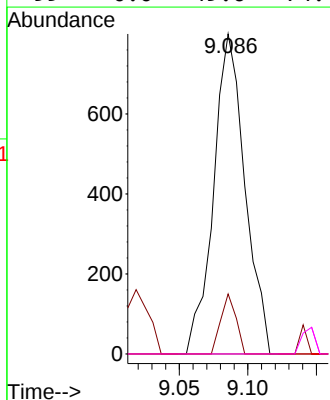
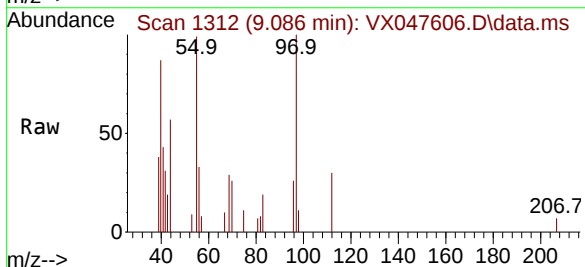
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

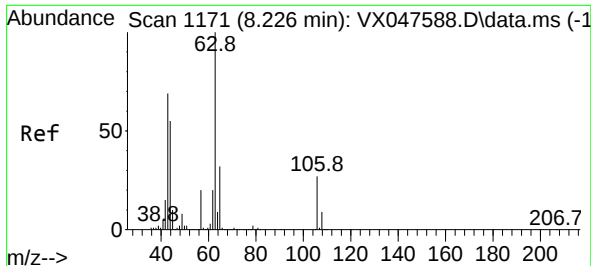
Tgt Ion: 92 Resp: 1449  
Ion Ratio Lower Upper  
92 100  
91 191.9 137.1 205.7



#55  
1,1,2-Trichloroethane  
Concen: 0.570 ug/l  
RT: 9.086 min Scan# 1312  
Delta R.T. -0.049 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion: 97 Resp: 1277  
Ion Ratio Lower Upper  
97 100  
83 18.8 69.6 104.4#  
85 0.0 45.0 67.6#  
99 0.0 49.6 74.4#





#58

2-Chloroethyl Vinyl ether

Concen: 8.035 ug/l

RT: 8.238 min Scan# 1171

Delta R.T. 0.012 min

Lab File: VX047606.D

Acq: 17 Sep 2025 10:57

Instrument :

MSVOA\_X

ClientSampleId :

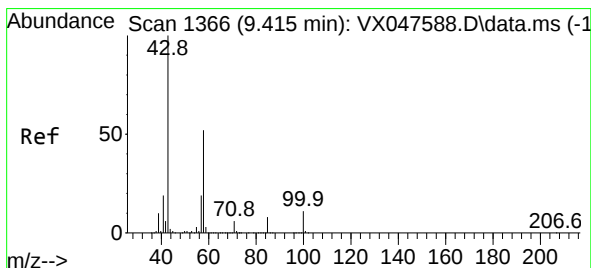
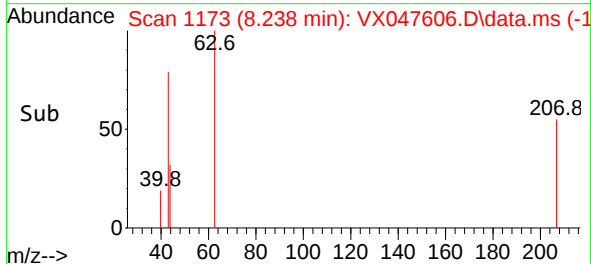
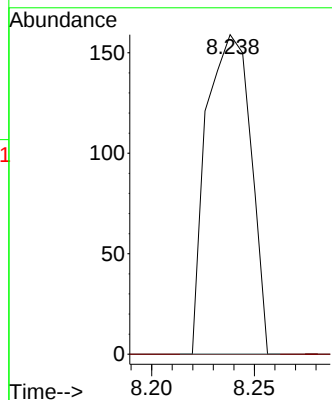
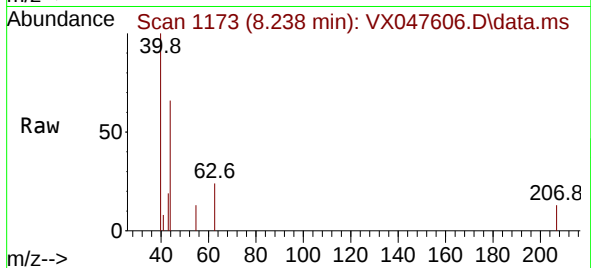
MW1DL

Tgt Ion: 63 Resp: 238

Ion Ratio Lower Upper

63 100

106 0.0 21.9 32.9#



#59

2-Hexanone

Concen: 0.231 ug/l

RT: 9.421 min Scan# 1367

Delta R.T. 0.006 min

Lab File: VX047606.D

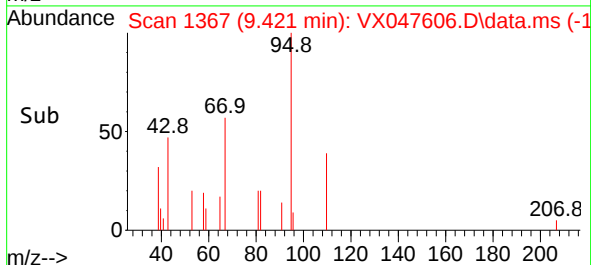
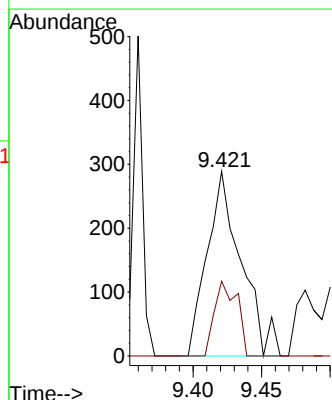
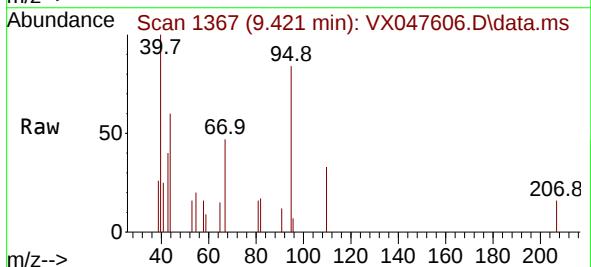
Acq: 17 Sep 2025 10:57

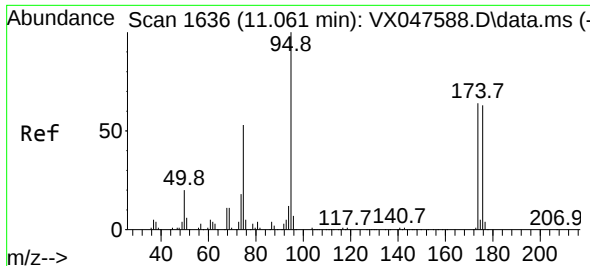
Tgt Ion: 43 Resp: 501

Ion Ratio Lower Upper

43 100

58 26.7 26.1 78.2

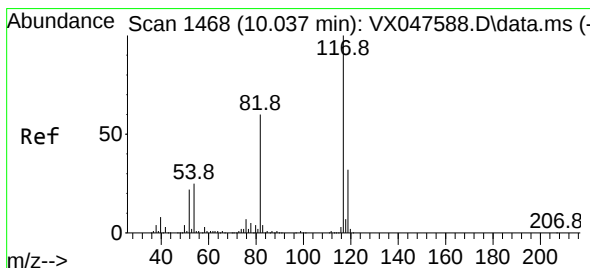
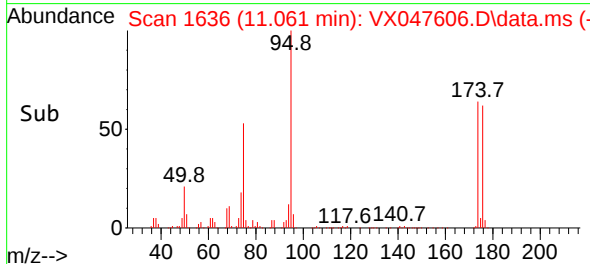
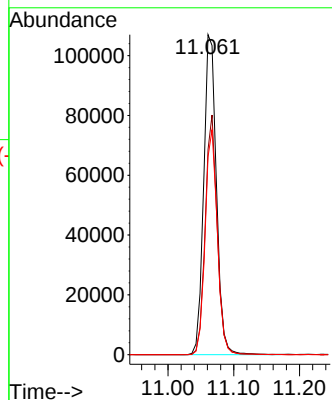
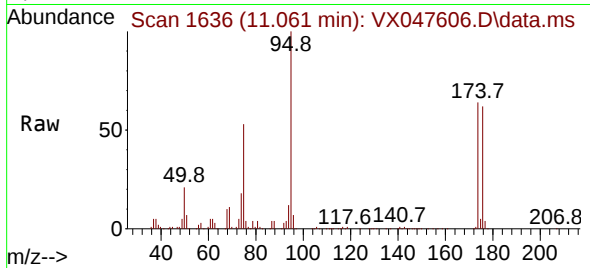




#62  
4-Bromofluorobenzene  
Concen: 51.553 ug/l  
RT: 11.061 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

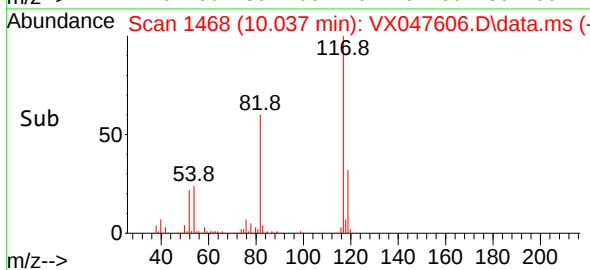
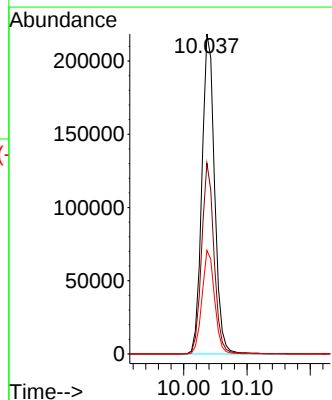
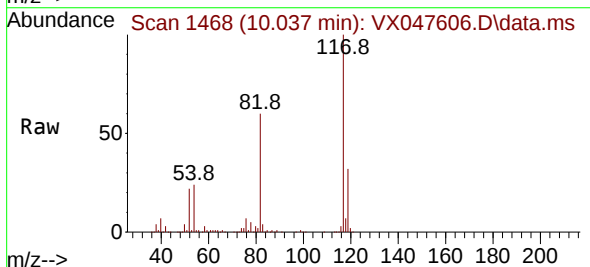
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

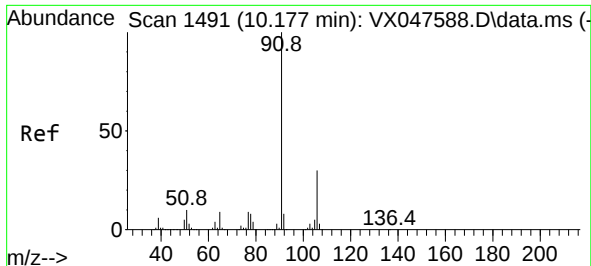
Tgt Ion: 95 Resp: 143886  
Ion Ratio Lower Upper  
95 100  
174 70.5 0.0 141.6  
176 67.5 0.0 138.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion: 117 Resp: 305419  
Ion Ratio Lower Upper  
117 100  
82 59.6 47.8 71.6  
119 32.4 25.2 37.8





#67

Ethyl Benzene

Concen: 79.278 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX047606.D

Acq: 17 Sep 2025 10:57

Instrument :

MSVOA\_X

ClientSampleId :

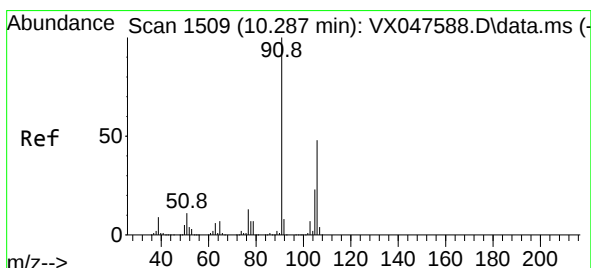
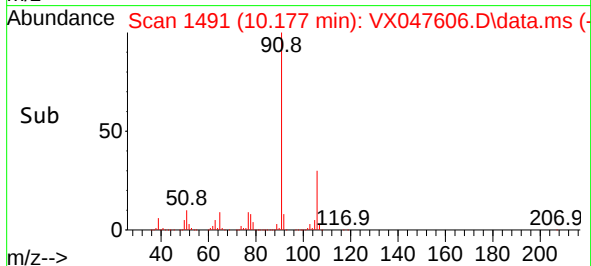
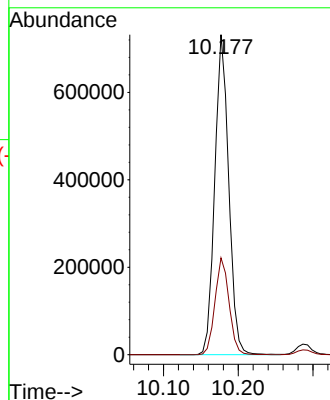
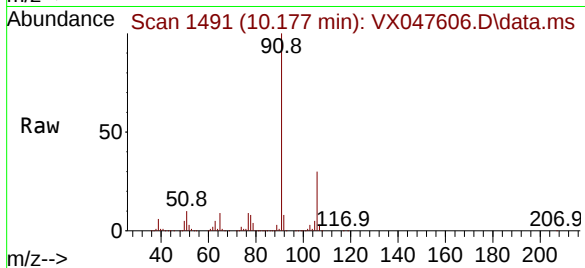
MW1DL

Tgt Ion: 91 Resp: 949108

Ion Ratio Lower Upper

91 100

106 30.3 24.3 36.5



#68

m/p-Xylenes

Concen: 3.707 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX047606.D

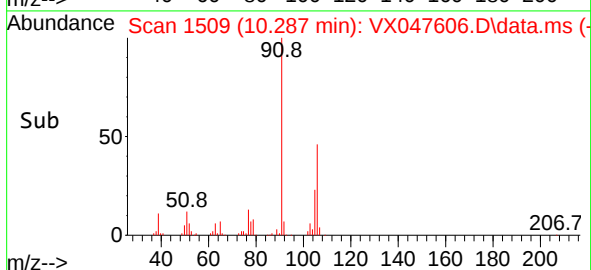
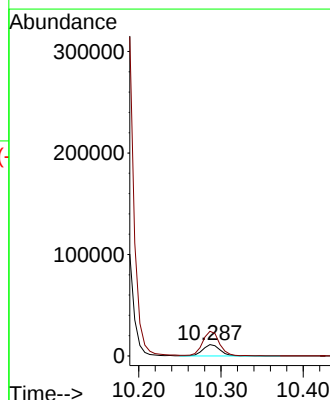
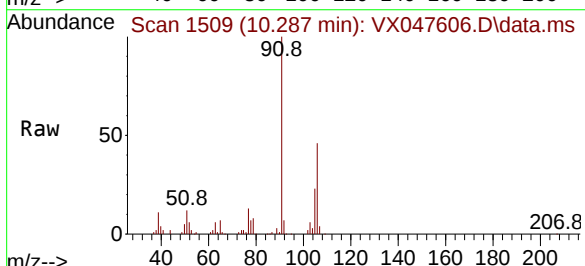
Acq: 17 Sep 2025 10:57

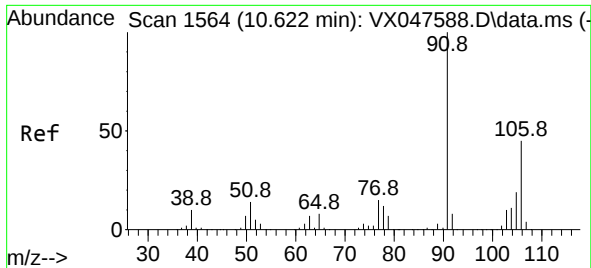
Tgt Ion:106 Resp: 16520

Ion Ratio Lower Upper

106 100

91 211.3 167.8 251.8

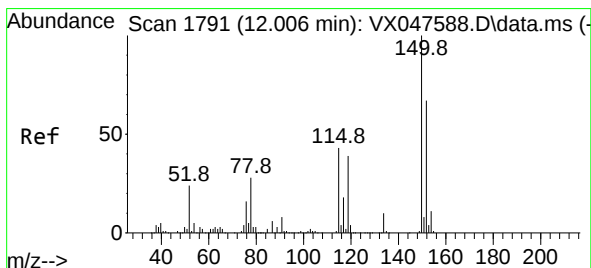
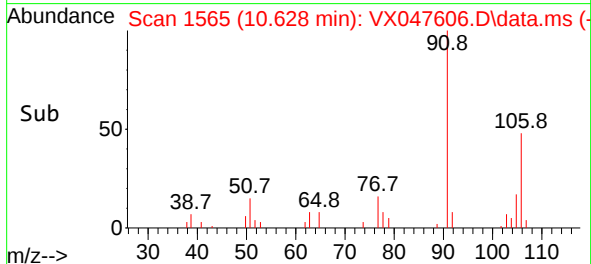
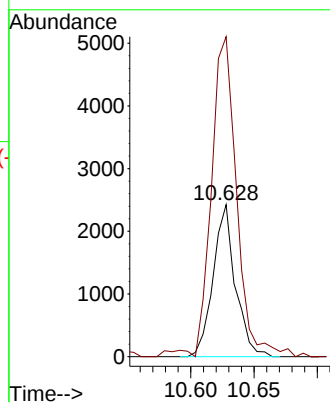
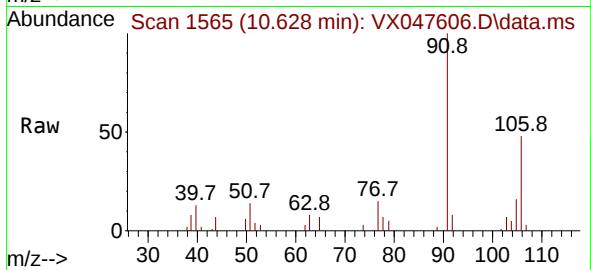




#69  
o-Xylene  
Concen: 0.688 ug/l  
RT: 10.628 min Scan# 1564  
Delta R.T. 0.006 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

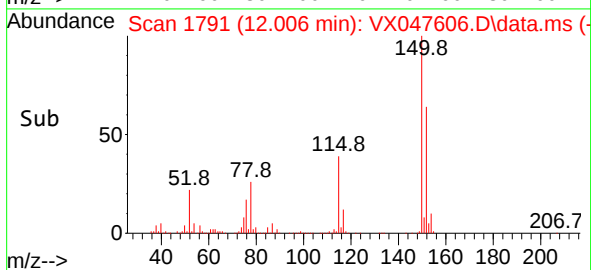
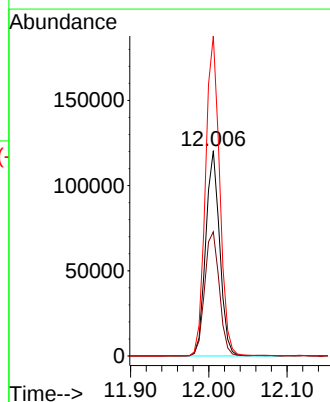
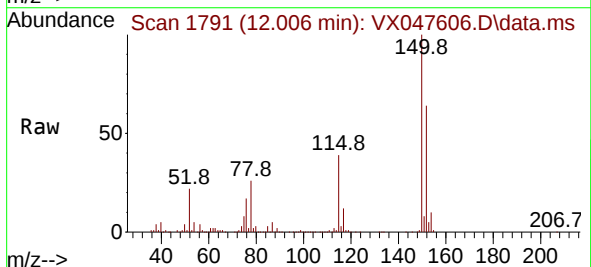
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

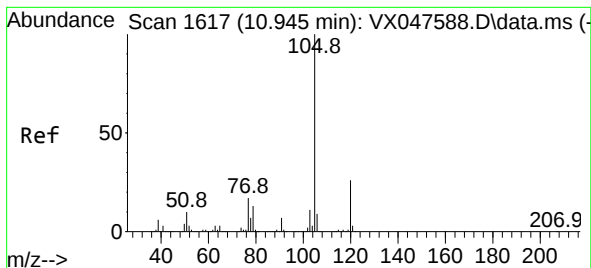
Tgt Ion:106 Resp: 2964  
Ion Ratio Lower Upper  
106 100  
91 237.0 111.1 333.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion:152 Resp: 148891  
Ion Ratio Lower Upper  
152 100  
115 63.3 44.9 134.5  
150 158.9 0.0 352.0





#73

Isopropylbenzene

Concen: 3.960 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VX047606.D

Acq: 17 Sep 2025 10:57

Instrument :

MSVOA\_X

ClientSampleId :

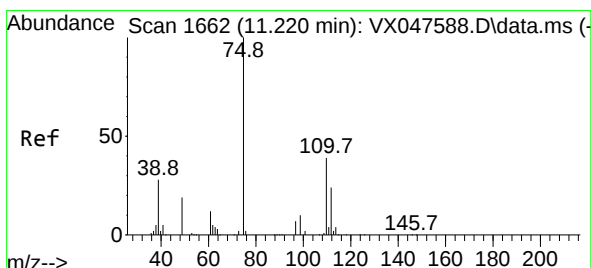
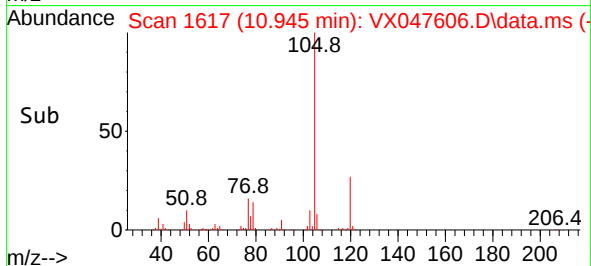
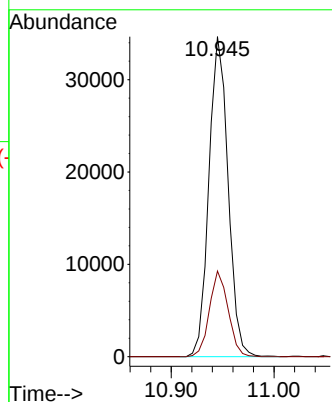
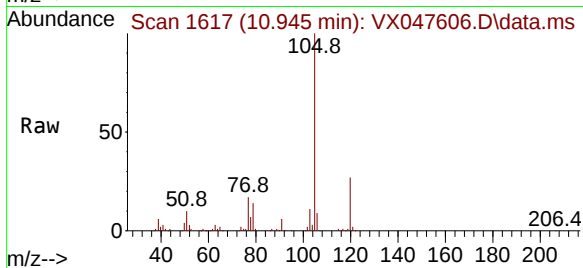
MW1DL

Tgt Ion:105 Resp: 44822

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.4



#76

1,2,3-Trichloropropane

Concen: 24.841 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX047606.D

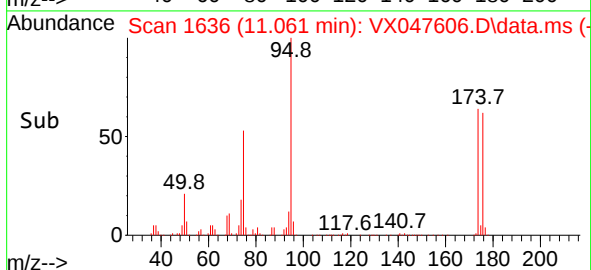
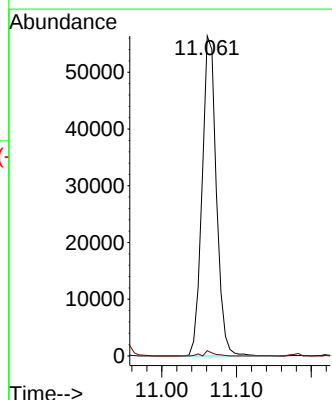
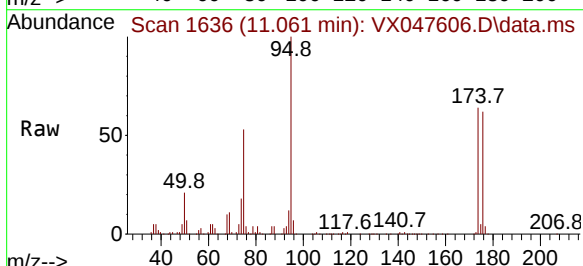
Acq: 17 Sep 2025 10:57

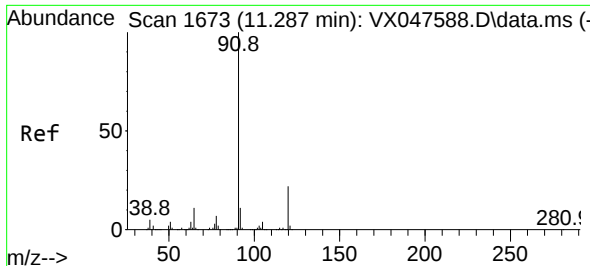
Tgt Ion: 75 Resp: 74886

Ion Ratio Lower Upper

75 100

77 1.2 18.8 56.4#

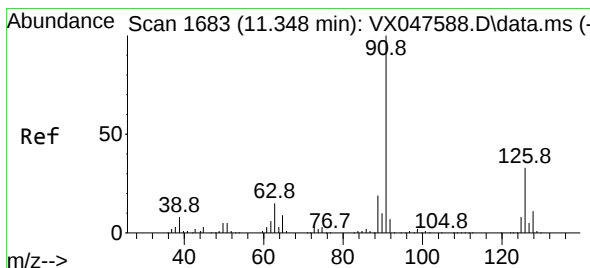
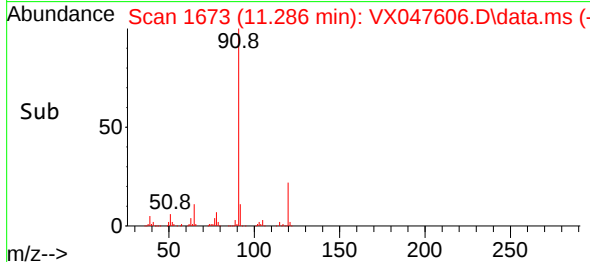
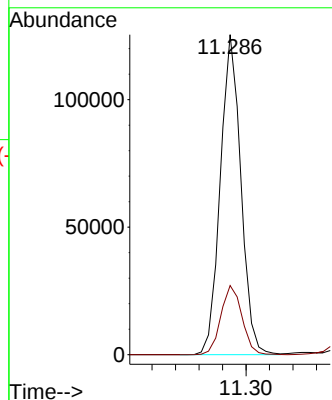
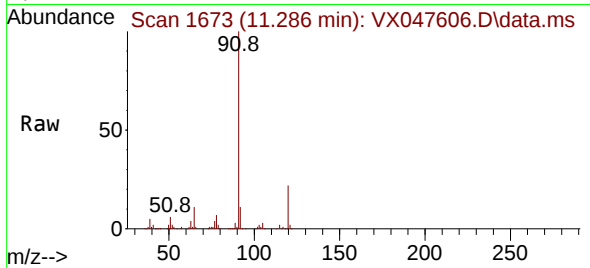




#78  
n-propylbenzene  
Concen: 11.403 ug/l  
RT: 11.286 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

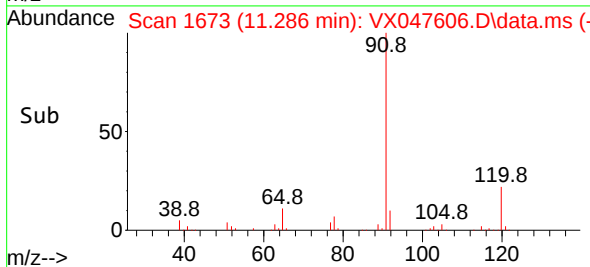
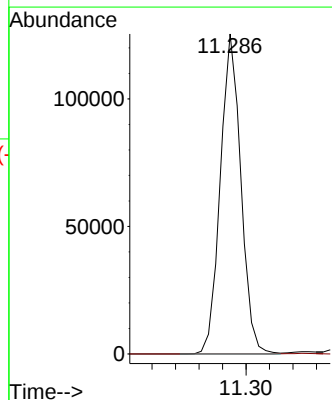
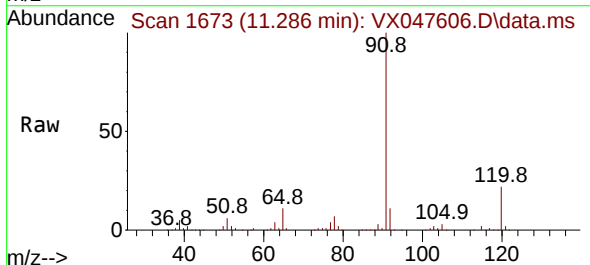
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

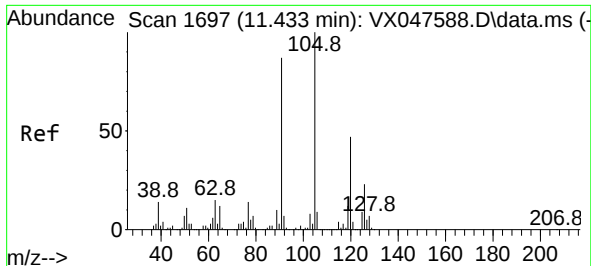
Tgt Ion: 91 Resp: 152586  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.1 33.1



#79  
2-Chlorotoluene  
Concen: 18.618 ug/l  
RT: 11.286 min Scan# 1673  
Delta R.T. -0.061 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion: 91 Resp: 152586  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.1 48.3#

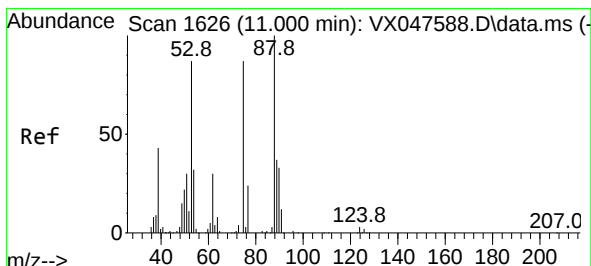
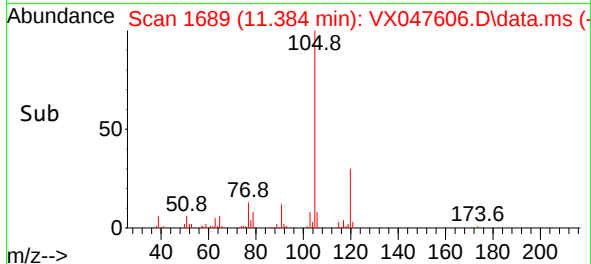
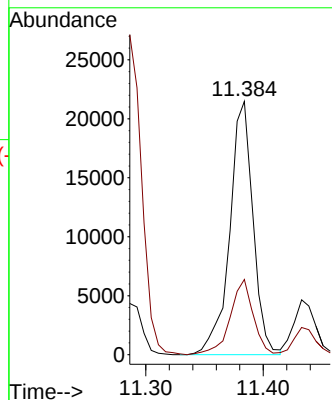
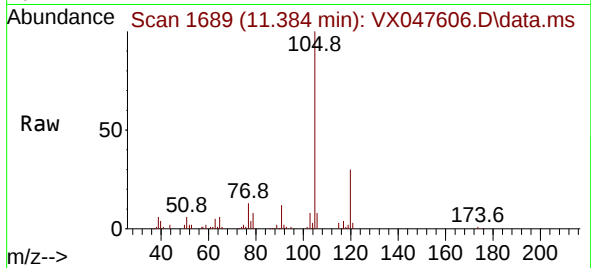




#80  
1,3,5-Trimethylbenzene  
Concen: 3.199 ug/l  
RT: 11.384 min Scan# 1689  
Delta R.T. -0.049 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

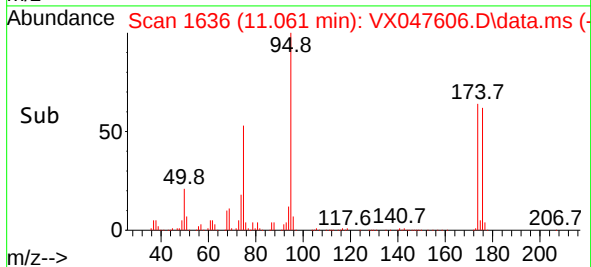
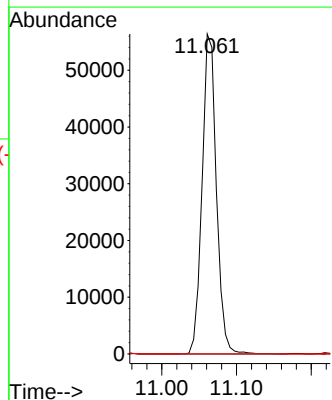
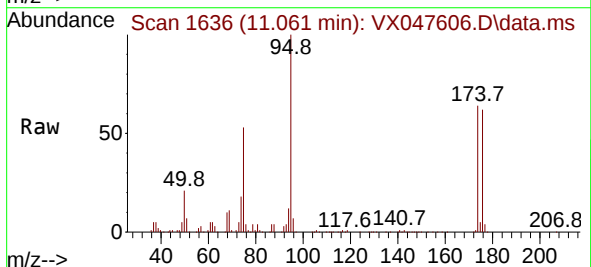
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

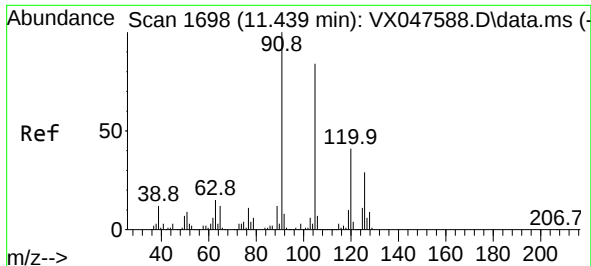
Tgt Ion:105 Resp: 29747  
Ion Ratio Lower Upper  
105 100  
120 29.3 23.6 70.8



#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.349 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.061 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion: 75 Resp: 74886  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.4 125.2#  
89 0.0 36.3 54.5#

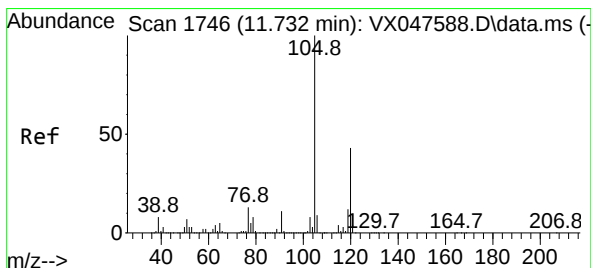
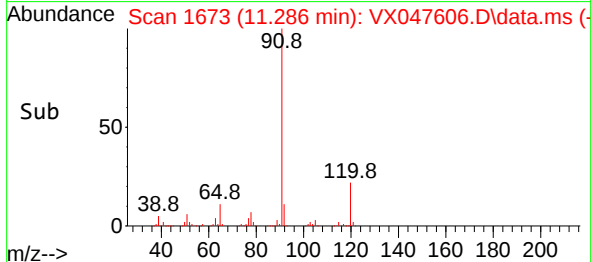
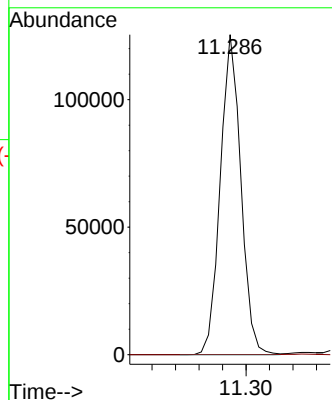
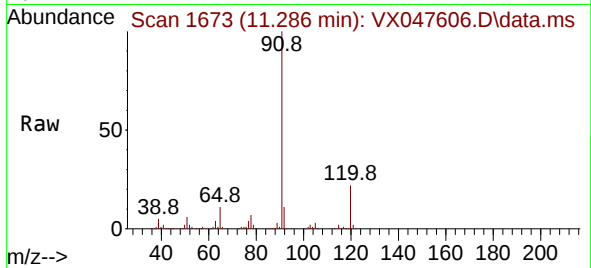




#82  
4-Chlorotoluene  
Concen: 15.764 ug/l  
RT: 11.286 min Scan# 11  
Delta R.T. -0.153 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

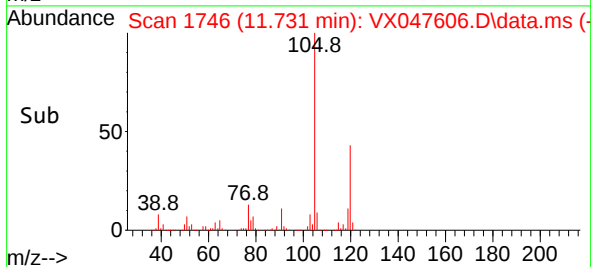
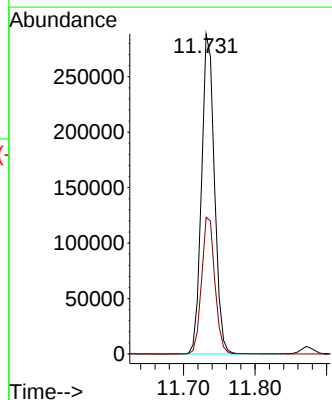
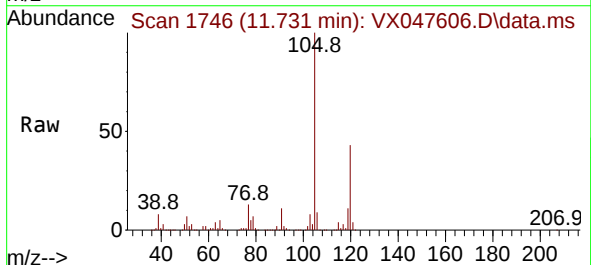
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW1DL

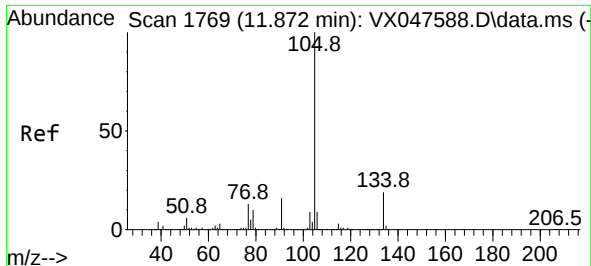
Tgt Ion: 91 Resp: 152586  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.2 42.6#



#84  
1,2,4-Trimethylbenzene  
Concen: 38.411 ug/l  
RT: 11.731 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VX047606.D  
Acq: 17 Sep 2025 10:57

Tgt Ion: 105 Resp: 362169  
Ion Ratio Lower Upper  
105 100  
120 43.9 22.1 66.1

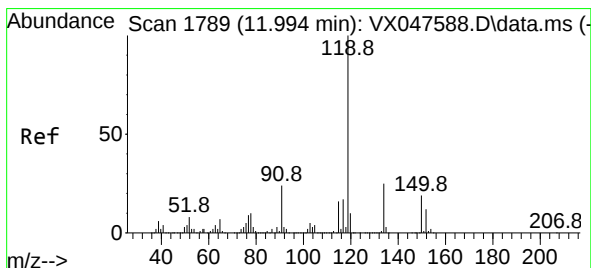
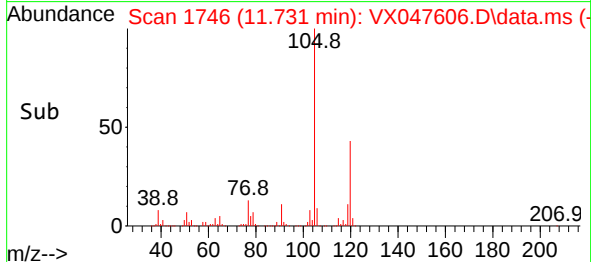
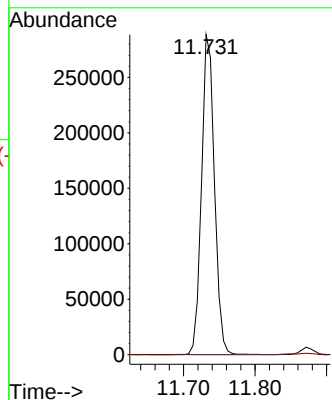
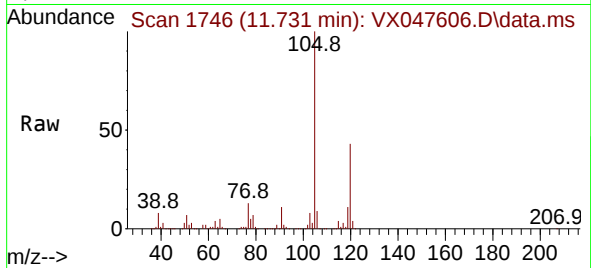




#85  
 sec-Butylbenzene  
 Concen: 32.027 ug/l  
 RT: 11.731 min Scan# 11  
 Delta R.T. -0.140 min  
 Lab File: VX047606.D  
 Acq: 17 Sep 2025 10:57

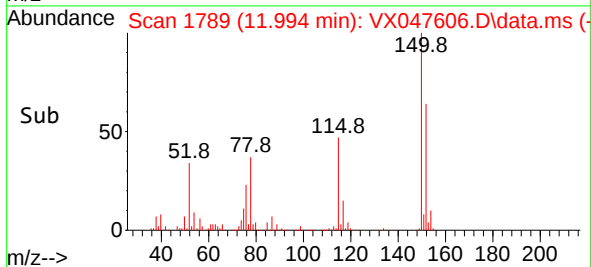
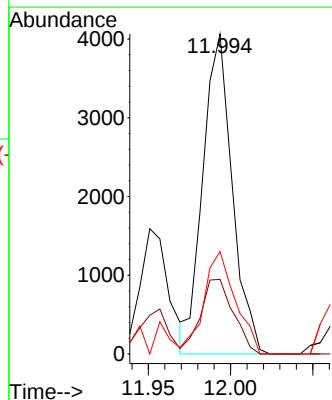
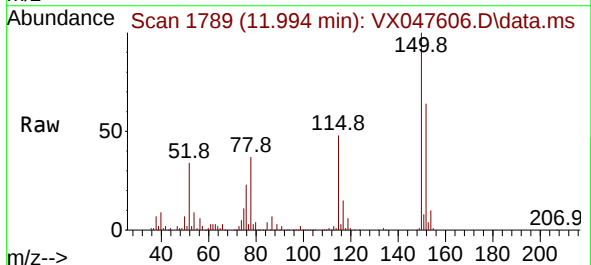
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW1DL

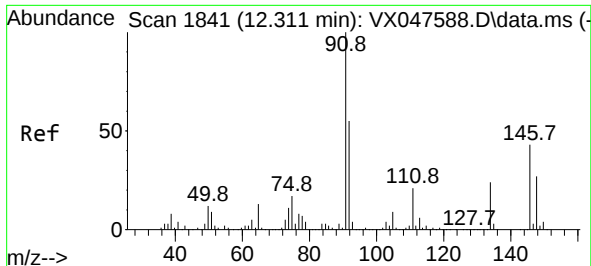
Tgt Ion:105 Resp: 362169  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.8 29.5#



#86  
 p-Isopropyltoluene  
 Concen: 0.527 ug/l  
 RT: 11.994 min Scan# 1789  
 Delta R.T. -0.000 min  
 Lab File: VX047606.D  
 Acq: 17 Sep 2025 10:57

Tgt Ion:119 Resp: 5044  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.6 37.8  
 91 34.4 12.6 37.6





#89

n-Butylbenzene

Concen: 1.537 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX047606.D

Acq: 17 Sep 2025 10:57

Instrument :

MSVOA\_X

ClientSampleId :

MW1DL

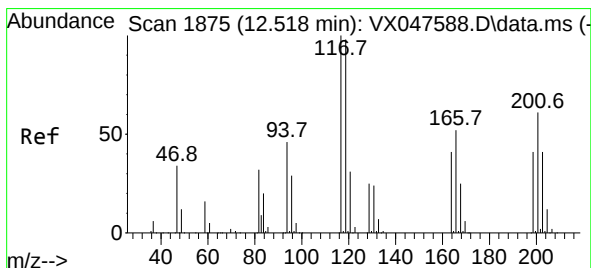
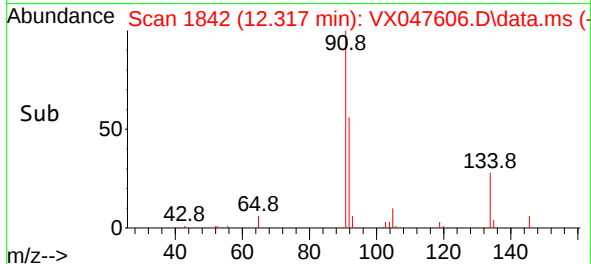
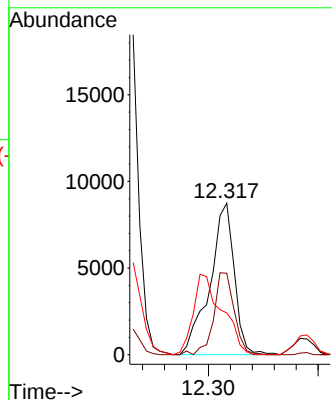
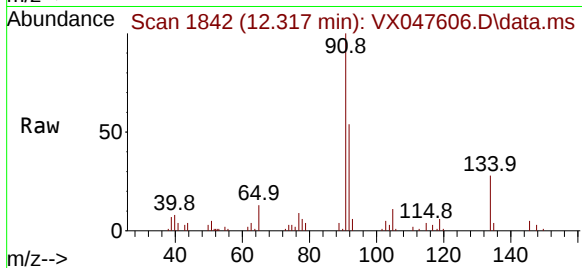
Tgt Ion: 91 Resp: 13619

Ion Ratio Lower Upper

91 100

92 45.2 27.6 82.7

134 0.0 12.6 37.8#



#90

Hexachloroethane

Concen: 3.051 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047606.D

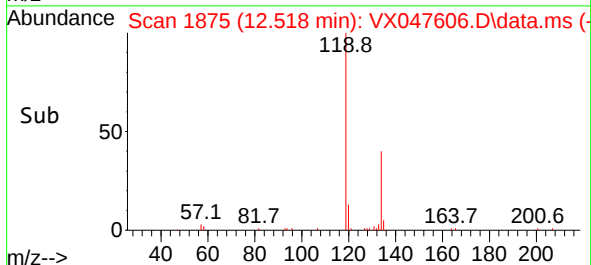
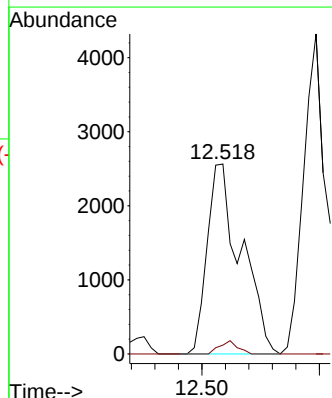
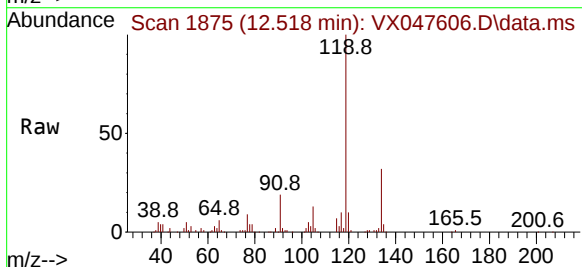
Acq: 17 Sep 2025 10:57

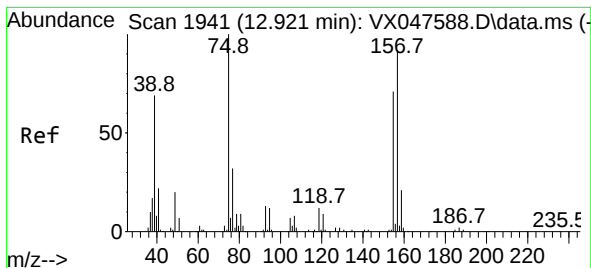
Tgt Ion:117 Resp: 5129

Ion Ratio Lower Upper

117 100

201 3.7 34.2 102.5#

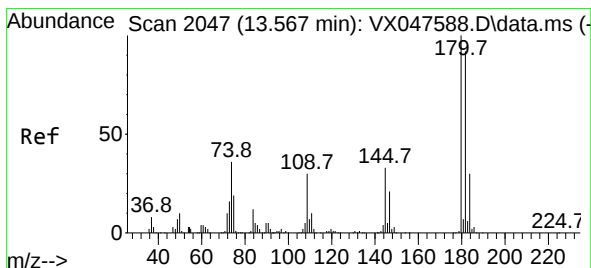
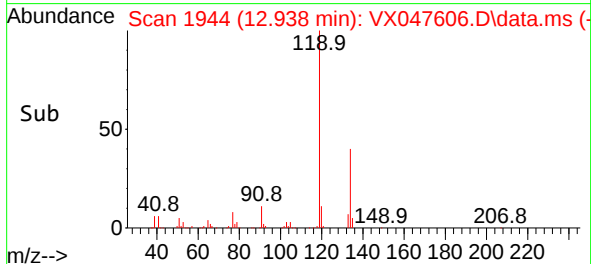
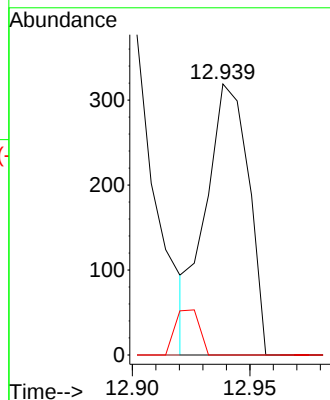
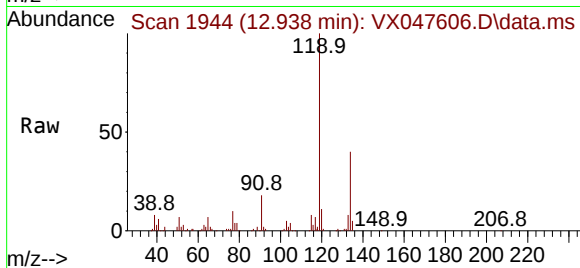




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.581 ug/l  
 RT: 12.938 min Scan# 1941  
 Delta R.T. 0.018 min  
 Lab File: VX047606.D  
 Acq: 17 Sep 2025 10:57

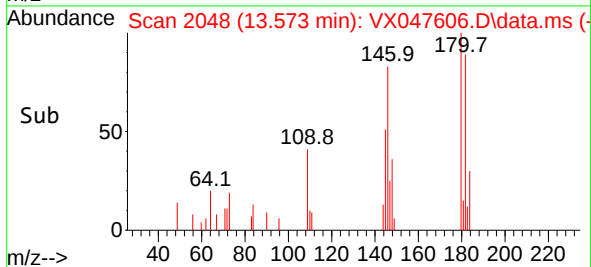
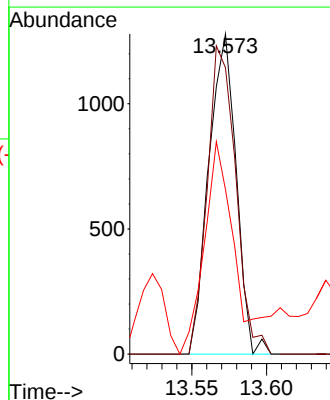
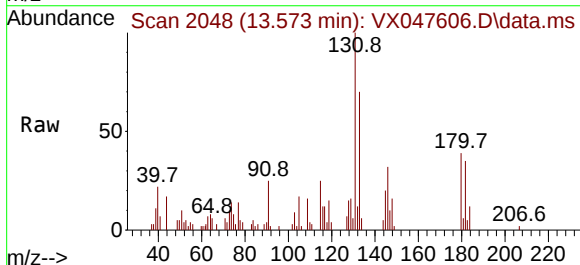
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW1DL

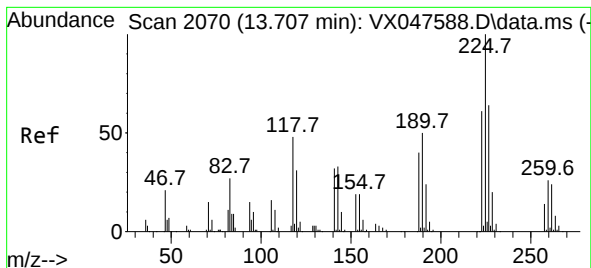
Tgt Ion: 75 Resp: 403  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 37.7 113.1#  
 157 9.4 49.8 149.4#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.508 ug/l  
 RT: 13.573 min Scan# 2048  
 Delta R.T. 0.006 min  
 Lab File: VX047606.D  
 Acq: 17 Sep 2025 10:57

Tgt Ion: 180 Resp: 1629  
 Ion Ratio Lower Upper  
 180 100  
 182 100.4 46.6 139.8  
 145 69.2 16.4 49.1#





#94

Hexachlorobutadiene

Concen: 1.156 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047606.D

Acq: 17 Sep 2025 10:57

Instrument :

MSVOA\_X

ClientSampleId :

MW1DL

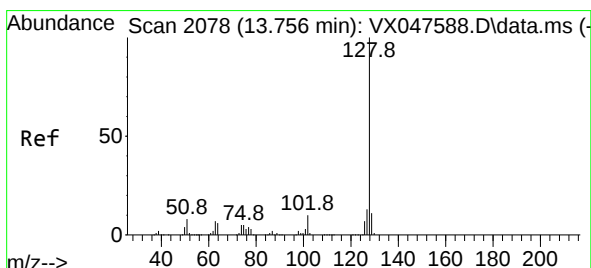
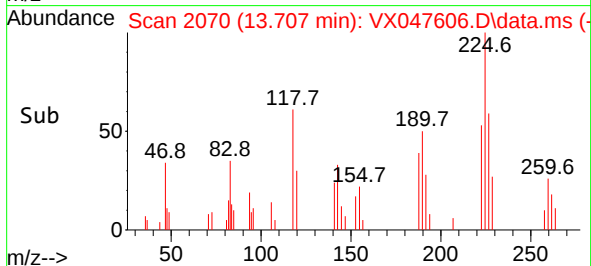
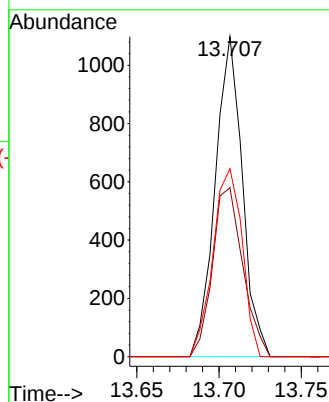
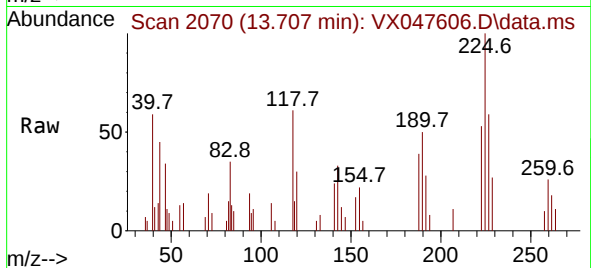
Tgt Ion:225 Resp: 1259

Ion Ratio Lower Upper

225 100

223 59.1 31.7 95.1

227 63.2 32.0 96.0



#95

Naphthalene

Concen: 24.454 ug/l

RT: 13.755 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047606.D

Acq: 17 Sep 2025 10:57

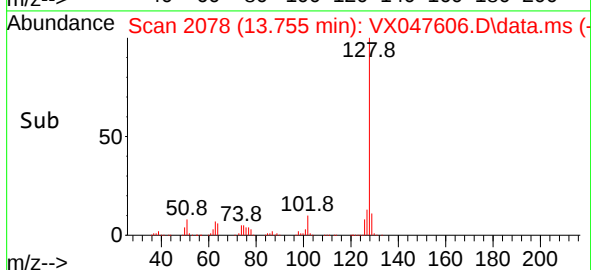
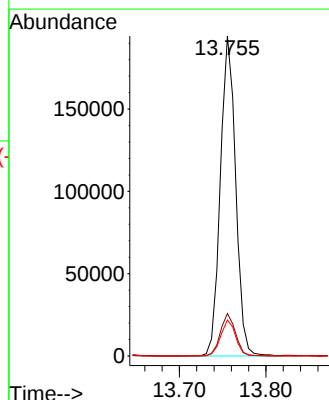
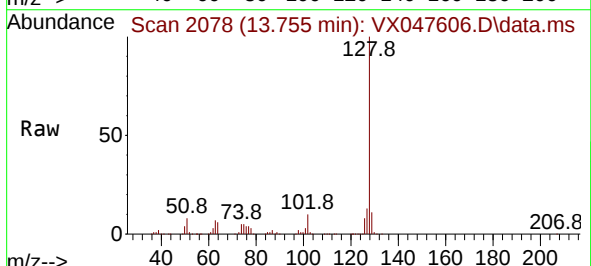
Tgt Ion:128 Resp: 238753

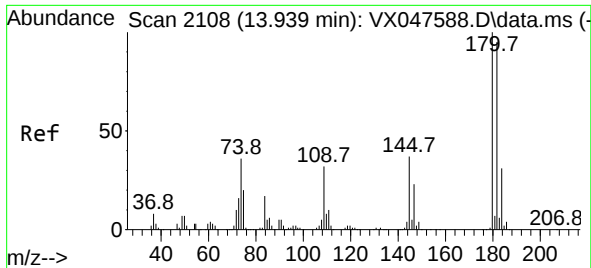
Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

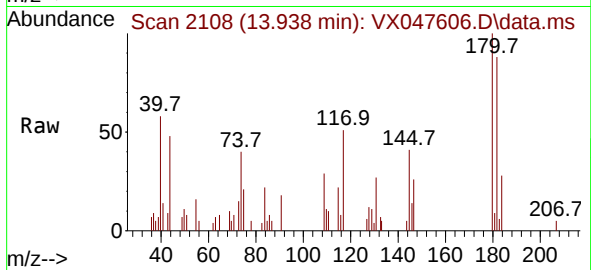
129 11.1 8.8 13.2





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.549 ug/l  
 RT: 13.938 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VX047606.D  
 Acq: 17 Sep 2025 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW1DL



Tgt Ion:180 Resp: 1638  
 Ion Ratio Lower Upper  
 180 100  
 182 90.4 47.6 142.8  
 145 60.3 17.9 53.7#

