

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061225\  
 Data File : VN086991.D  
 Acq On : 12 Jun 2025 20:26  
 Operator : JC\MD  
 Sample : Q2268-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 13 01:35:05 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 07 02:12:50 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 259006   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 488303   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 432945   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 195427   | 50.000 | ug/l  | # 0.00   |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 163884   | 47.259   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 94.520%  |
| 35) Dibromofluoromethane    | 8.177  | 113   | 147079   | 50.826   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.660% |
| 50) Toluene-d8              | 10.571 | 98    | 587009   | 51.241   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 102.480% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 205325   | 48.242   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 96.480%  |

|                               |        |     |         |         |        |     |
|-------------------------------|--------|-----|---------|---------|--------|-----|
| Target Compounds              |        |     |         | Qvalue  |        |     |
| 11) Tert butyl alcohol        | 5.547  | 59  | 3942    | 4.189   | ug/l # | 73  |
| 13) Acrolein                  | 4.165  | 56  | 2147    | 7.208   | ug/l # | 1   |
| 14) Allyl chloride            | 5.171  | 41  | 4684    | 0.980   | ug/l # | 40  |
| 15) Acrylonitrile             | 5.836  | 53  | 14801   | 6.730   | ug/l # | 38  |
| 16) Acetone                   | 4.453  | 43  | 66845   | 36.348  | ug/l # | 80  |
| 18) Methyl Acetate            | 5.300  | 43  | 137231  | 25.607  | ug/l # | 49  |
| 19) Methyl tert-butyl Ether   | 5.818  | 73  | 76056   | 7.286   | ug/l # | 1   |
| 20) Methylene Chloride        | 5.477  | 84  | 26555   | 7.713   | ug/l # | 12  |
| 23) Vinyl Acetate             | 6.671  | 43  | 4775    | 0.561   | ug/l # | 69  |
| 24) 1,1-Dichloroethane        | 6.677  | 63  | 1266    | 0.218   | ug/l # | 81  |
| 25) 2-Butanone                | 7.500  | 43  | 36258   | 12.129  | ug/l   | 99  |
| 26) 2,2-Dichloropropane       | 7.341  | 77  | 4603    | 1.020   | ug/l # | 52  |
| 27) cis-1,2-Dichloroethene    | 7.512  | 96  | 1312    | 0.342   | ug/l   | 75  |
| 30) Chloroform                | 7.947  | 83  | 28725   | 4.960   | ug/l # | 17  |
| 31) Cyclohexane               | 8.271  | 56  | 216667  | 38.522  | ug/l # | 87  |
| 36) 1,1-Dichloropropene       | 8.236  | 75  | 18212   | 4.224   | ug/l # | 49  |
| 37) Ethyl Acetate             | 7.500  | 43  | 36258   | 6.605   | ug/l # | 71  |
| 38) Carbon Tetrachloride      | 8.236  | 117 | 24948   | 5.893   | ug/l # | 16  |
| 39) Methylcyclohexane         | 9.606  | 83  | 242592  | 41.064  | ug/l   | 94  |
| 40) Benzene                   | 8.618  | 78  | 1406771 | 99.767  | ug/l   | 100 |
| 41) Methacrylonitrile         | 7.753  | 41  | 1697    | 0.550   | ug/l # | 22  |
| 42) 1,2-Dichloroethane        | 8.612  | 62  | 10585   | 2.475   | ug/l # | 1   |
| 43) Isopropyl Acetate         | 8.712  | 43  | 33079   | 3.755   | ug/l # | 53  |
| 45) 1,2-Dichloropropane       | 9.618  | 63  | 2175    | 0.634   | ug/l # | 1   |
| 47) Bromodichloromethane      | 9.877  | 83  | 8787    | 1.874   | ug/l # | 25  |
| 48) Methyl methacrylate       | 9.606  | 41  | 125833  | 31.031  | ug/l # | 59  |
| 51) 4-Methyl-2-Pentanone      | 10.488 | 43  | 2509    | 0.473   | ug/l # | 64  |
| 52) Toluene                   | 10.629 | 92  | 79431   | 9.218   | ug/l   | 99  |
| 55) 1,1,2-Trichloroethane     | 11.006 | 97  | 39527   | 11.921  | ug/l # | 19  |
| 56) Ethyl methacrylate        | 10.912 | 69  | 5926    | 1.122   | ug/l # | 16  |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63  | 829     | 0.263   | ug/l # | 46  |
| 59) 2-Hexanone                | 11.247 | 43  | 747     | 0.219   | ug/l   | 99  |
| 65) Chlorobenzene             | 12.041 | 112 | 4207    | 0.441   | ug/l # | 42  |
| 67) Ethyl Benzene             | 11.965 | 91  | 6151631 | 374.015 | ug/l   | 99  |
| 68) m/p-Xylenes               | 12.076 | 106 | 3017617 | 479.282 | ug/l   | 97  |
| 69) o-Xylene                  | 12.400 | 106 | 54440   | 9.028   | ug/l   | 99  |

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 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 13 01:35:05 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 07 02:12:50 2025  
 Response via : Initial Calibration

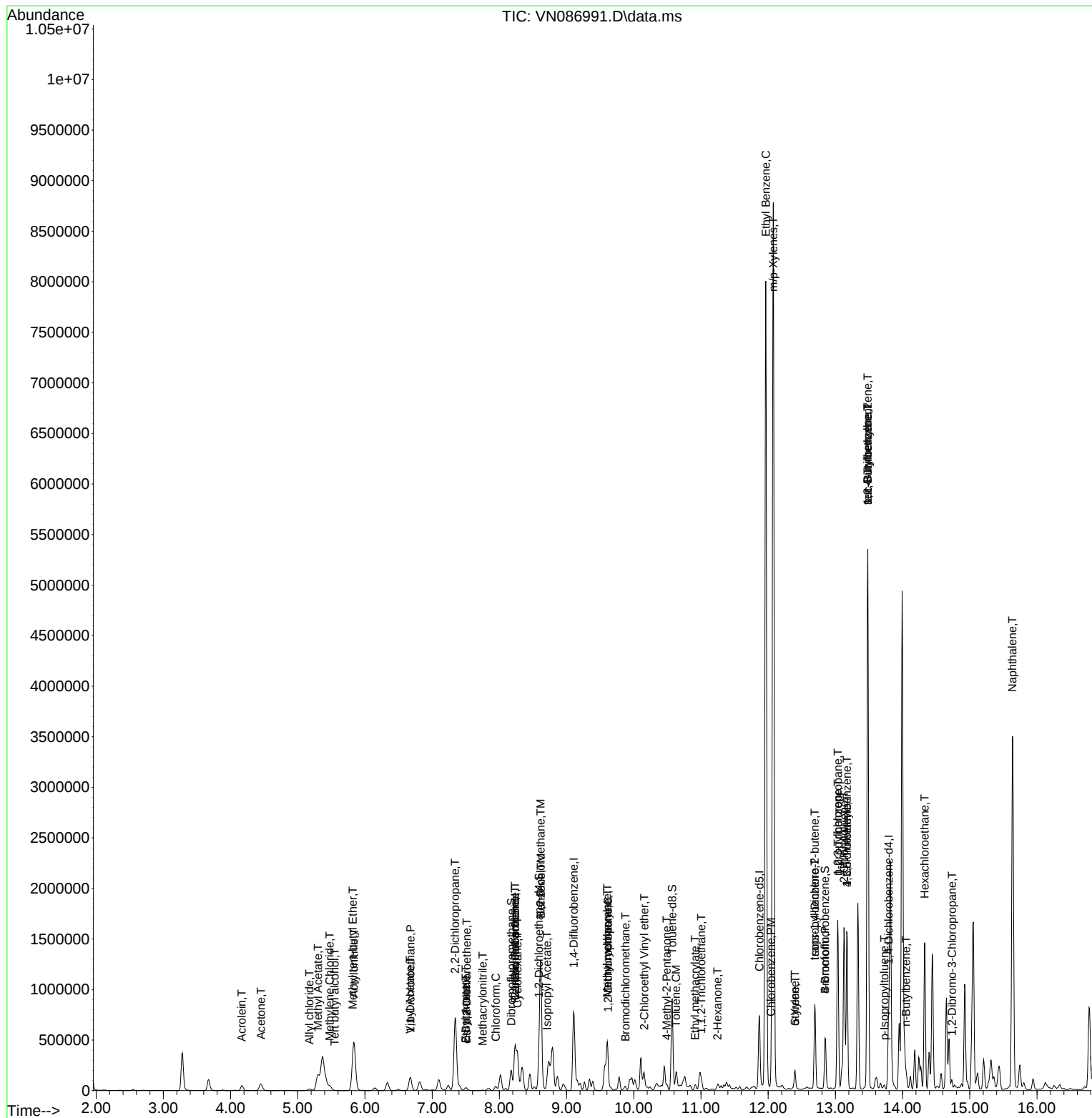
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 70) Styrene                   | 12.400 | 104  | 4190     | 0.406   | ug/l # | 1        |
| 71) Bromoform                 | 12.847 | 173  | 1045     | 0.459   | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.694 | 105  | 595515   | 41.829  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 13.035 | 75   | 7992     | 1.720   | ug/l # | 1        |
| 78) n-propylbenzene           | 13.035 | 91   | 1406861  | 81.313  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 135138   | 13.024  | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 888246   | 75.567  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.694 | 75   | 5996     | 2.971   | ug/l # | 51       |
| 82) 4-Chlorotoluene           | 13.171 | 91   | 86595    | 8.248   | ug/l # | 41       |
| 83) tert-Butylbenzene         | 13.482 | 119  | 410269   | 38.130  | ug/l # | 73       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 3198494  | 271.361 | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.482 | 105  | 3197386  | 204.628 | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 17728    | 1.373   | ug/l # | 77       |
| 89) n-Butylbenzene            | 14.053 | 91   | 84006    | 6.715   | ug/l # | 80       |
| 90) Hexachloroethane          | 14.329 | 117  | 76467    | 34.926  | ug/l # | 17       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.735 | 75   | 332      | 0.288   | ug/l # | 2        |
| 95) Naphthalene               | 15.635 | 128  | 3535885  | 241.042 | ug/l   | 100      |
| -----                         |        |      |          |         |        |          |

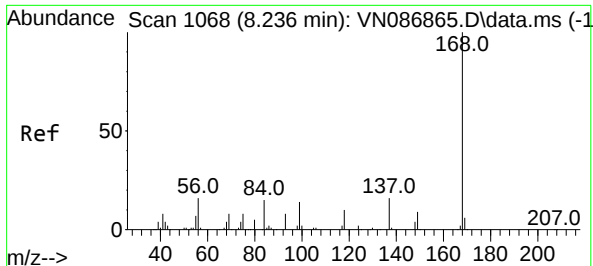
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Quant Time: Jun 13 01:35:05 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 07 02:12:50 2025  
Response via : Initial Calibration

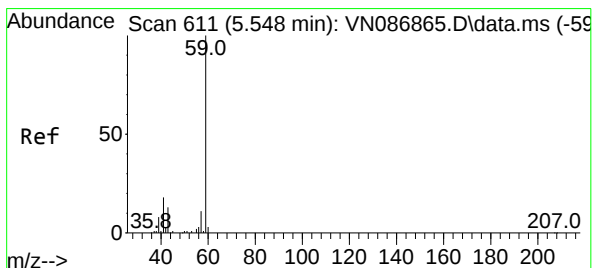
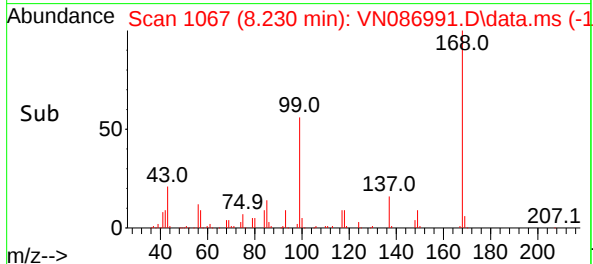
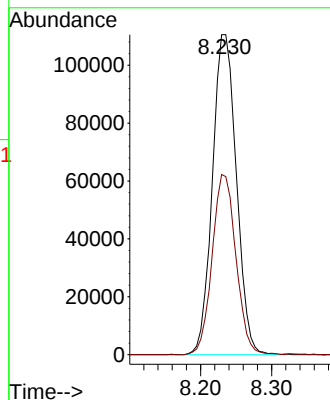
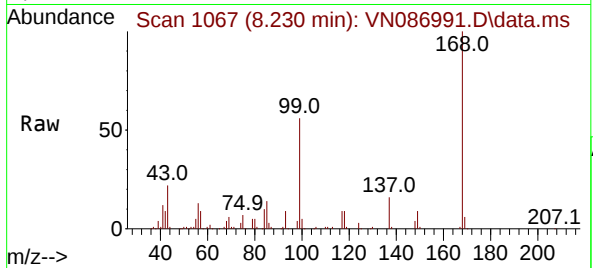




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

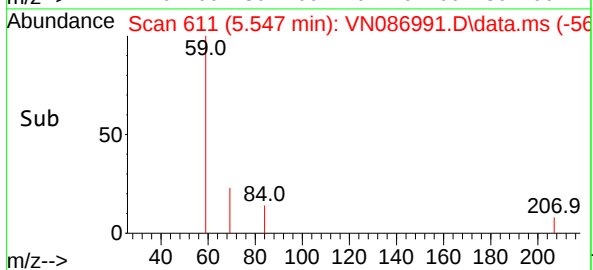
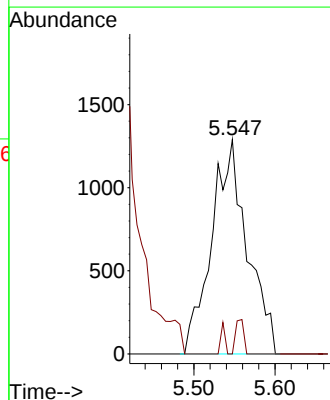
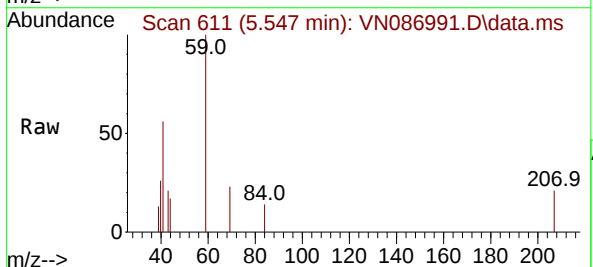
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MSVOA\_N  
ClientSampleId :

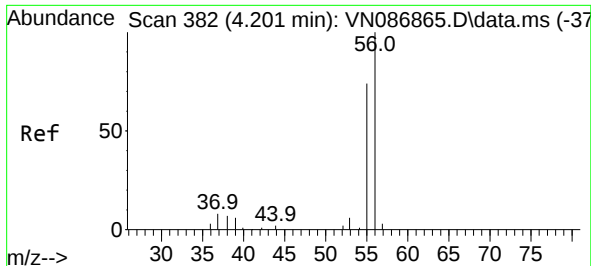
Tgt Ion:168 Resp: 259006  
Ion Ratio Lower Upper  
168 100  
99 56.3 49.1 73.7



#11  
Tert butyl alcohol  
Concen: 4.189 ug/l  
RT: 5.547 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 59 Resp: 3942  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 7.208 ug/l

RT: 4.165 min Scan# 31

Delta R.T. -0.035 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

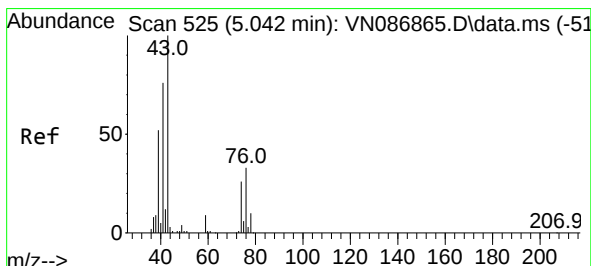
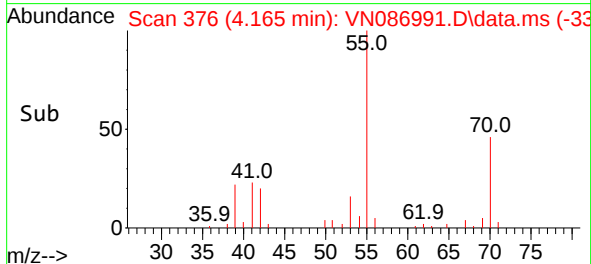
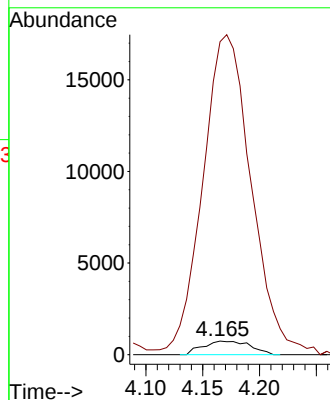
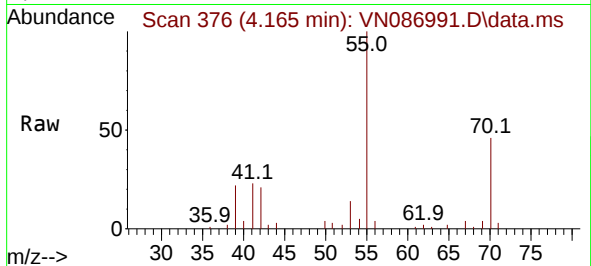
Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion: 56 Resp: 2147

| Ion | Ratio  | Lower | Upper |
|-----|--------|-------|-------|
| 56  | 100    |       |       |
| 55  | 2426.8 | 55.6  | 83.4# |



#14

Allyl chloride

Concen: 0.980 ug/l

RT: 5.171 min Scan# 547

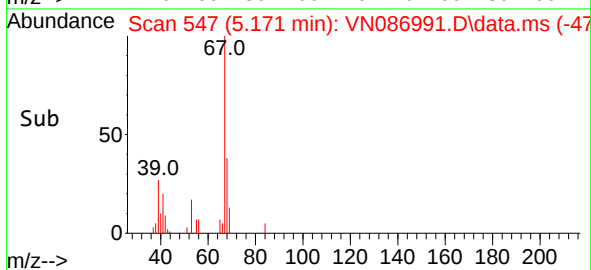
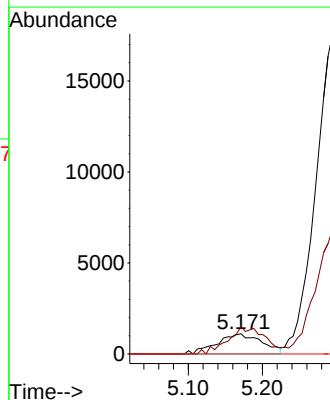
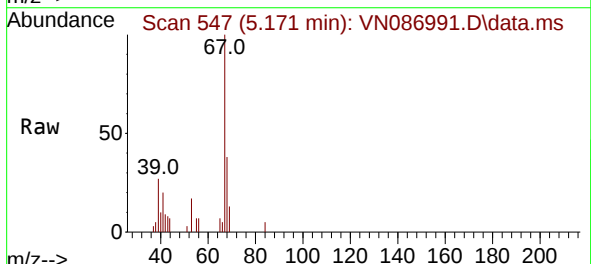
Delta R.T. 0.129 min

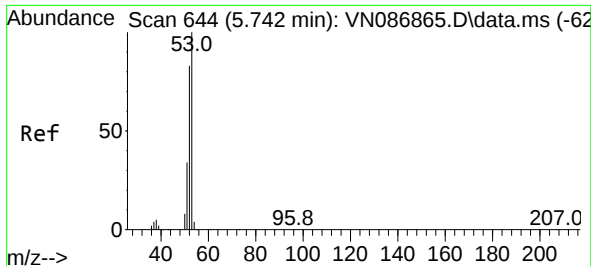
Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

Tgt Ion: 41 Resp: 4684

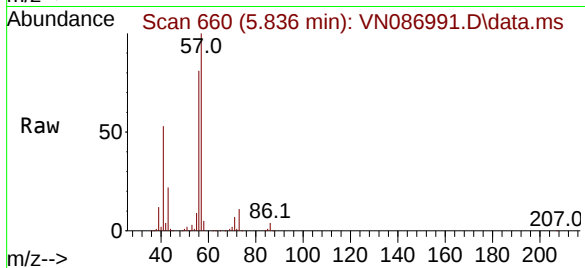
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 109.6 | 51.3  | 76.9# |
| 76  | 0.0   | 31.4  | 47.0# |



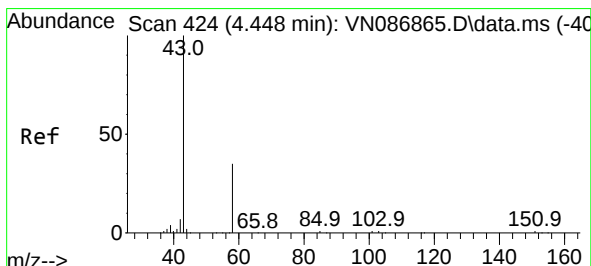
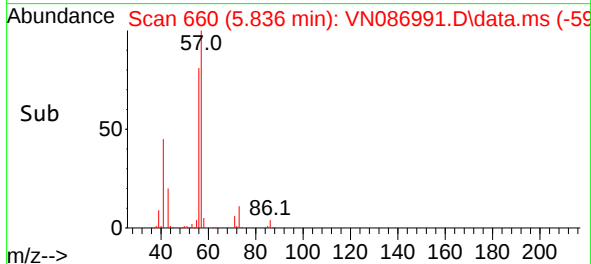
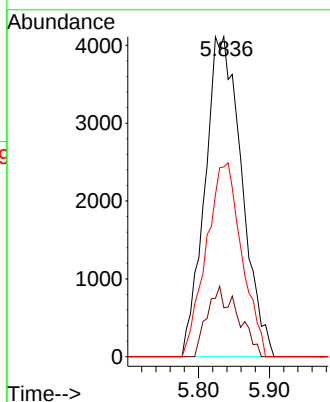


#15  
Acrylonitrile  
Concen: 6.730 ug/l  
RT: 5.836 min Scan# 60  
Delta R.T. 0.094 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Instrument :  
MSVOA\_N  
ClientSampleId :

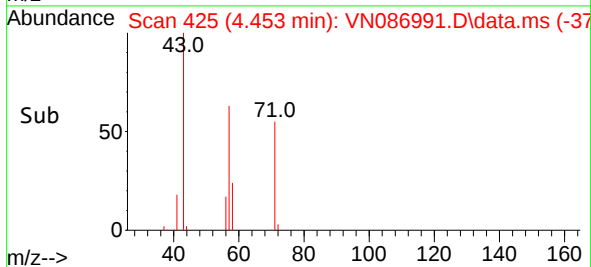
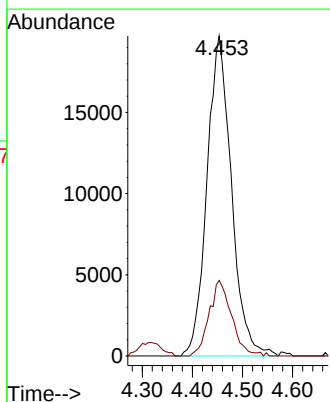
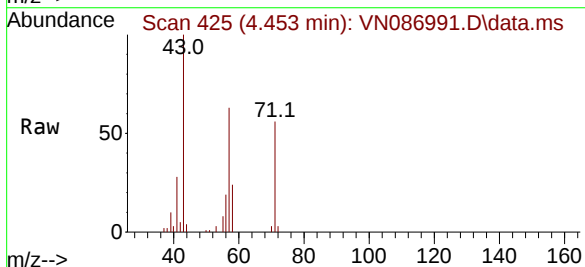


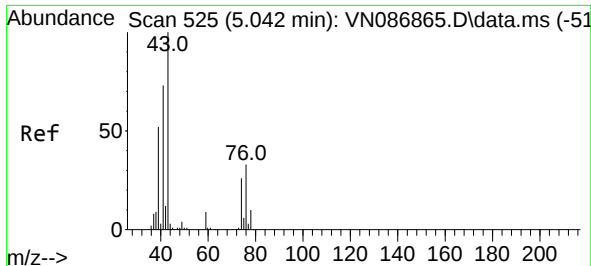
Tgt Ion: 53 Resp: 14801  
Ion Ratio Lower Upper  
53 100  
52 18.3 65.0 97.6#  
51 58.4 27.2 40.8#



#16  
Acetone  
Concen: 36.348 ug/l  
RT: 4.453 min Scan# 425  
Delta R.T. 0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 43 Resp: 66845  
Ion Ratio Lower Upper  
43 100  
58 23.6 28.0 42.0#

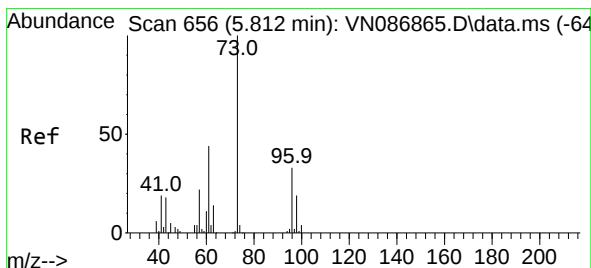
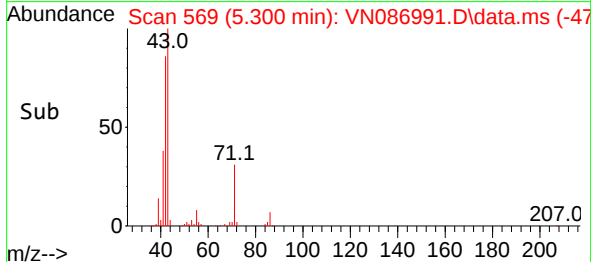
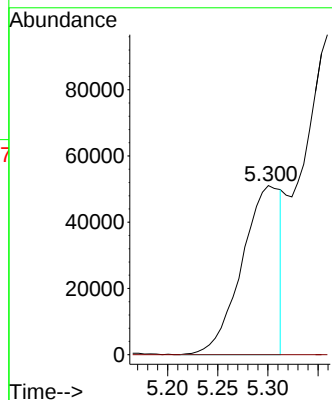
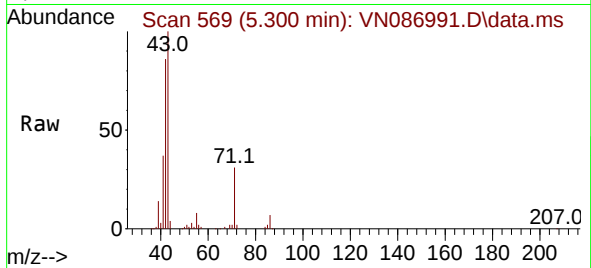




#18  
Methyl Acetate  
Concen: 25.607 ug/l  
RT: 5.300 min Scan# 51  
Delta R.T. 0.259 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

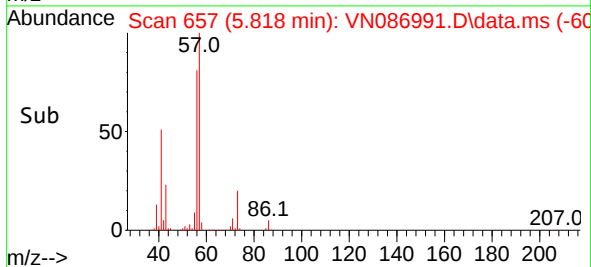
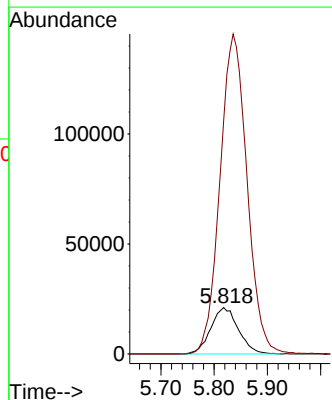
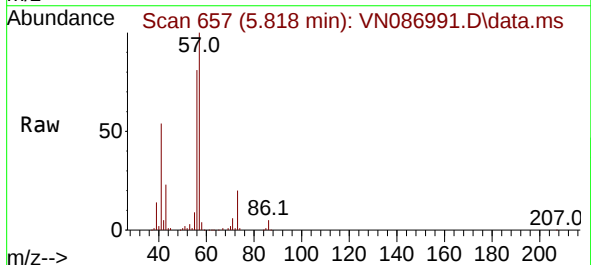
Instrument :  
MSVOA\_N  
ClientSampleId :

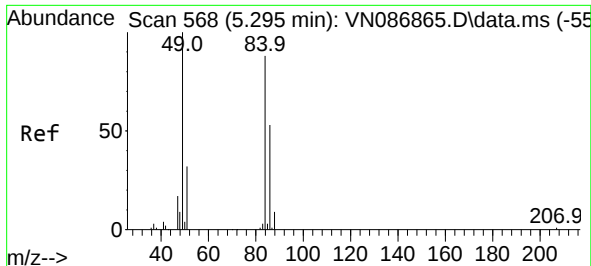
Tgt Ion: 43 Resp: 137231  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.7 31.1#



#19  
Methyl tert-butyl Ether  
Concen: 7.286 ug/l  
RT: 5.818 min Scan# 657  
Delta R.T. 0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

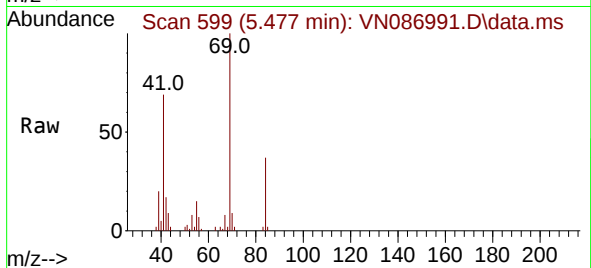
Tgt Ion: 73 Resp: 76056  
Ion Ratio Lower Upper  
73 100  
57 504.9 17.4 26.2#



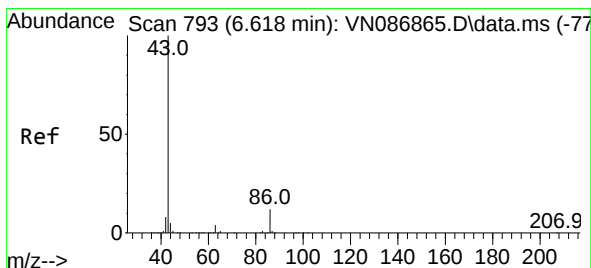
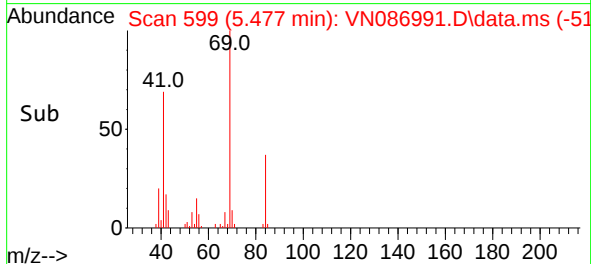
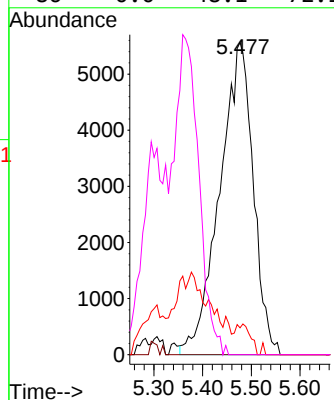


#20  
Methylene Chloride  
Concen: 7.713 ug/l  
RT: 5.477 min Scan# 51  
Delta R.T. 0.182 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Instrument :  
MSVOA\_N  
ClientSampleId :

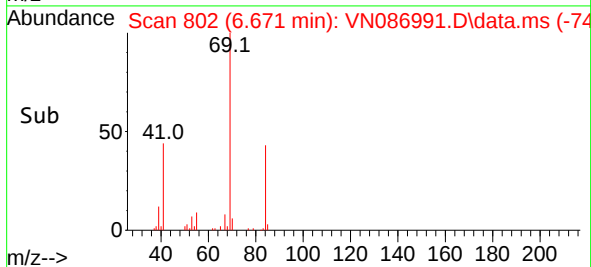
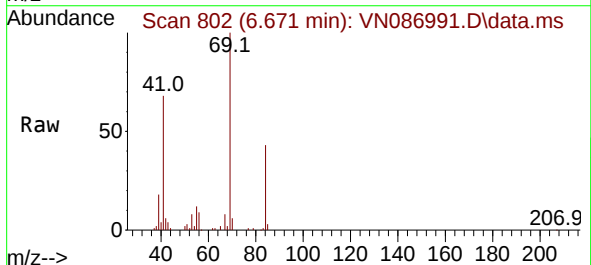
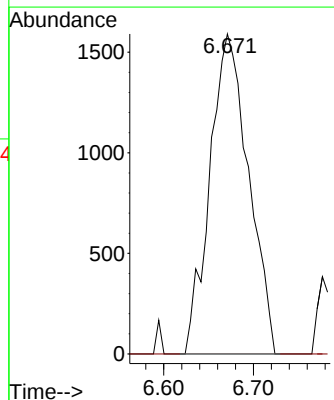


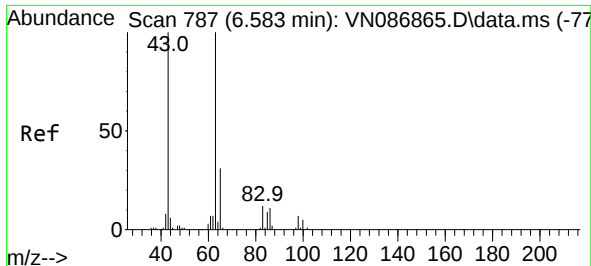
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|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 26555  |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 0.0   | 90.5  | 135.7# |
| 51       | 8.6   | 28.5  | 42.7#  |
| 86       | 0.0   | 48.1  | 72.1#  |



#23  
Vinyl Acetate  
Concen: 0.561 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.053 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4775  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 0.0   | 9.5   | 14.3# |

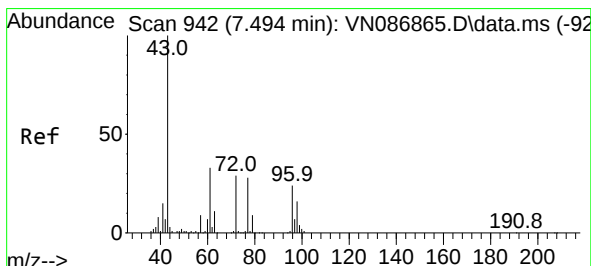
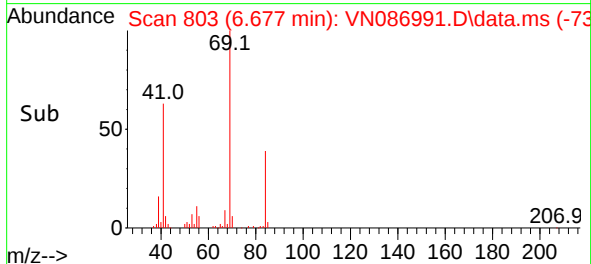
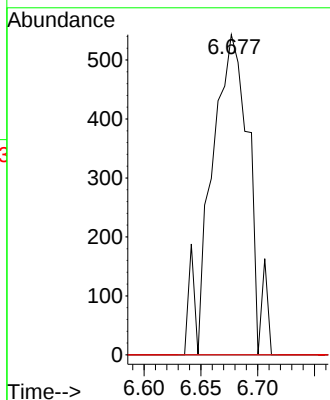
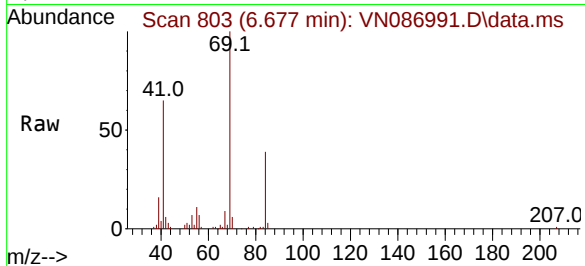




#24  
1,1-Dichloroethane  
Concen: 0.218 ug/l  
RT: 6.677 min Scan# 80  
Delta R.T. 0.094 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

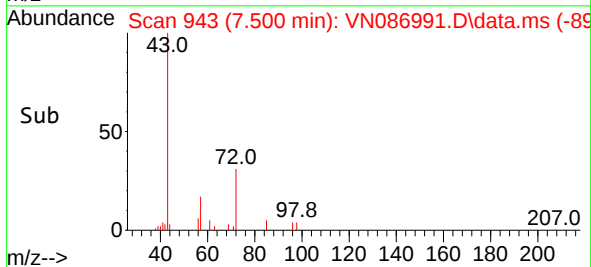
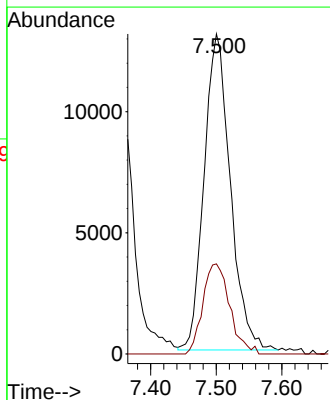
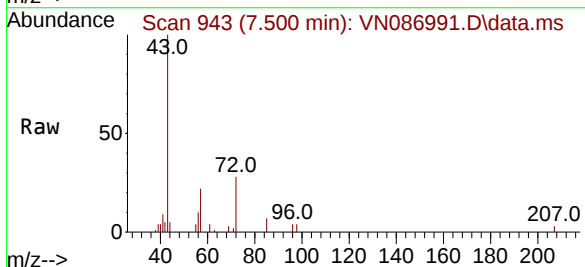
Instrument :  
MSVOA\_N  
ClientSampleId :

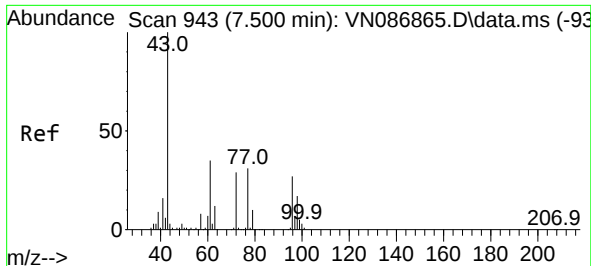
Tgt Ion: 63 Resp: 1266  
Ion Ratio Lower Upper  
63 100  
98 0.0 3.6 10.8#  
100 0.0 2.6 7.8#



#25  
2-Butanone  
Concen: 12.129 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

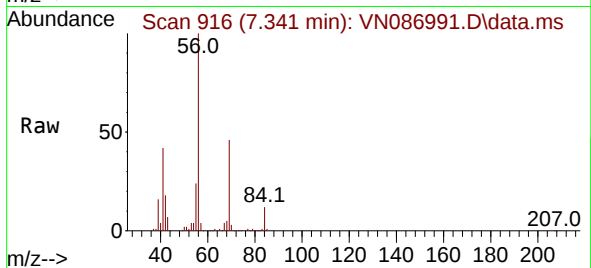
Tgt Ion: 43 Resp: 36258  
Ion Ratio Lower Upper  
43 100  
72 28.5 23.0 34.6



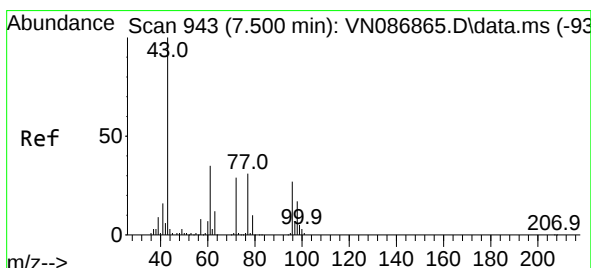
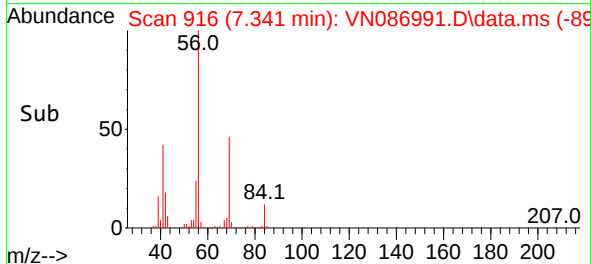
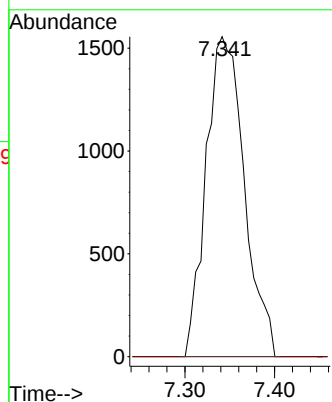


#26  
2,2-Dichloropropane  
Concen: 1.020 ug/l  
RT: 7.341 min Scan# 916  
Delta R.T. -0.159 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Instrument :  
MSVOA\_N  
ClientSampleId :

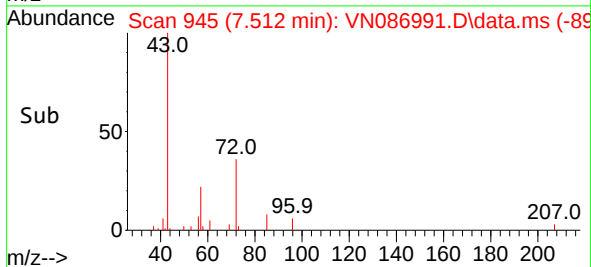
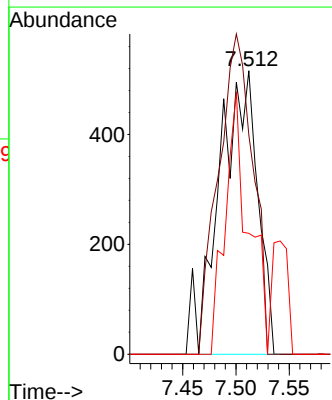
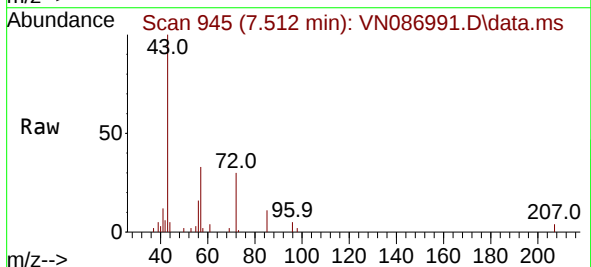


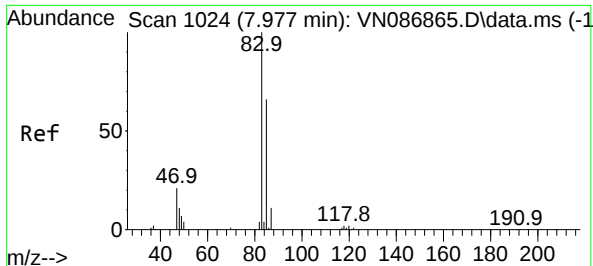
Tgt Ion: 77 Resp: 4603  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.6 34.7#



#27  
cis-1,2-Dichloroethene  
Concen: 0.342 ug/l  
RT: 7.512 min Scan# 945  
Delta R.T. 0.012 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 96 Resp: 1312  
Ion Ratio Lower Upper  
96 100  
61 100.1 0.0 278.0  
98 55.9 0.0 128.2





#30

Chloroform

Concen: 4.960 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.029 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

Instrument :

MSVOA\_N

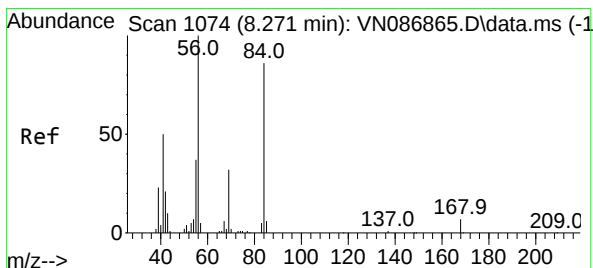
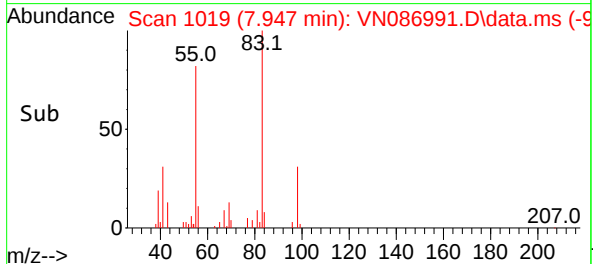
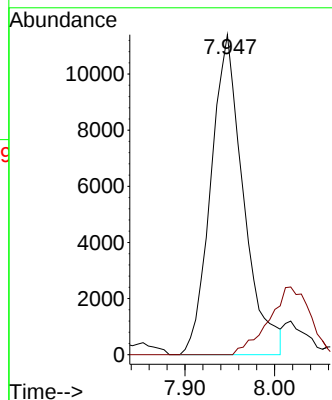
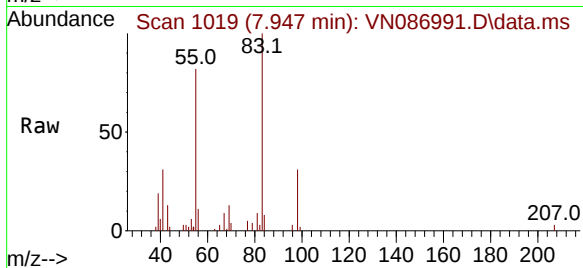
ClientSampleId :

Tgt Ion: 83 Resp: 28725

Ion Ratio Lower Upper

83 100

85 0.0 52.9 79.3#



#31

Cyclohexane

Concen: 38.522 ug/l

RT: 8.271 min Scan# 1074

Delta R.T. -0.000 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

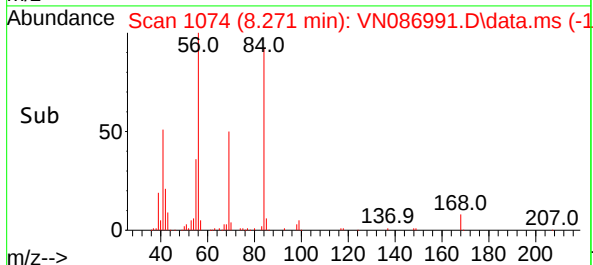
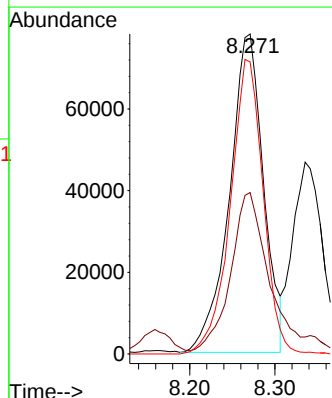
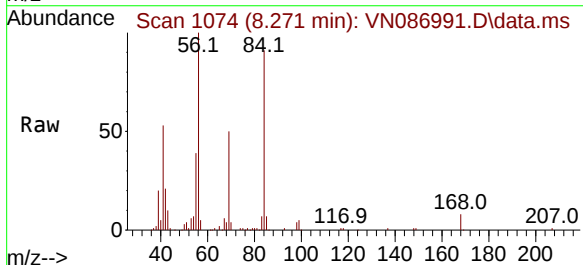
Tgt Ion: 56 Resp: 216667

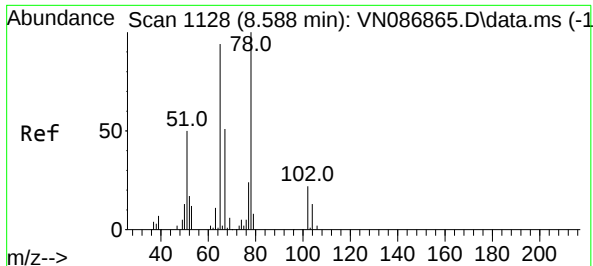
Ion Ratio Lower Upper

56 100

69 48.7 25.4 38.0#

84 91.7 68.8 103.2





#33

1,2-Dichloroethane-d4

Concen: 47.259 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

Instrument :

MSVOA\_N

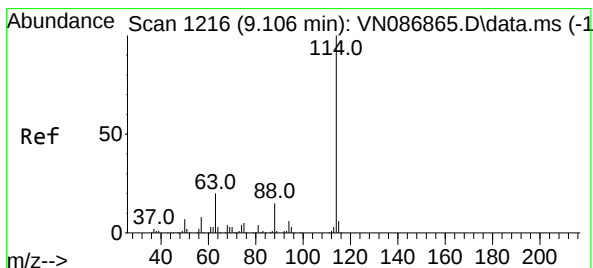
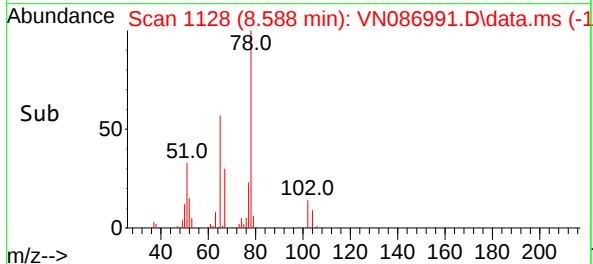
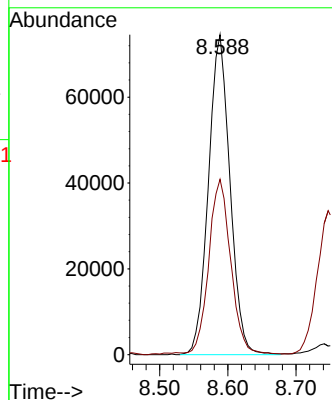
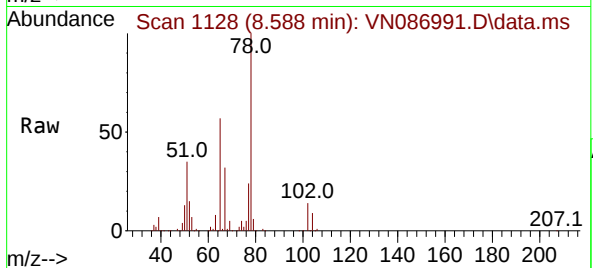
ClientSampleId :

Tgt Ion: 65 Resp: 163884

Ion Ratio Lower Upper

65 100

67 57.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

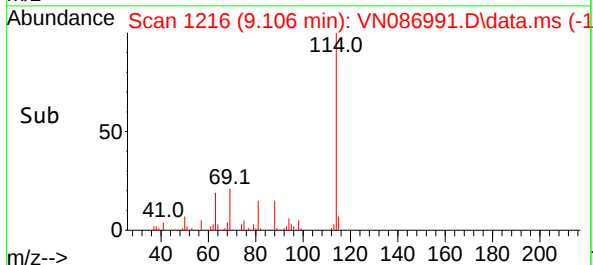
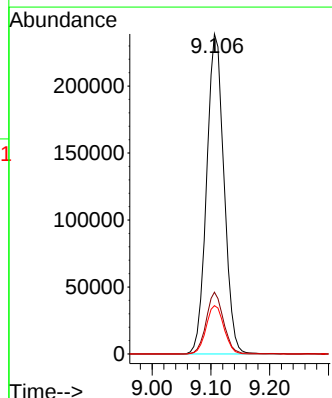
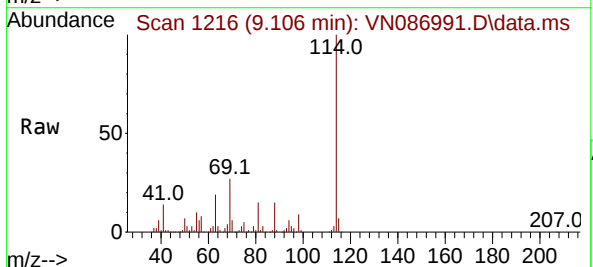
Tgt Ion: 114 Resp: 488303

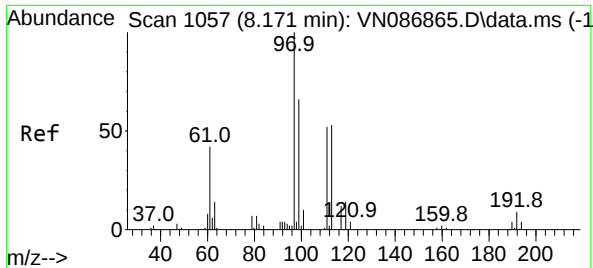
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

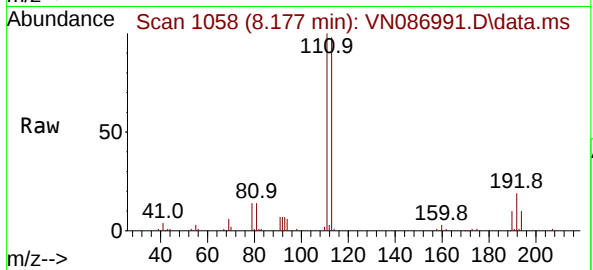
88 15.1 0.0 30.2



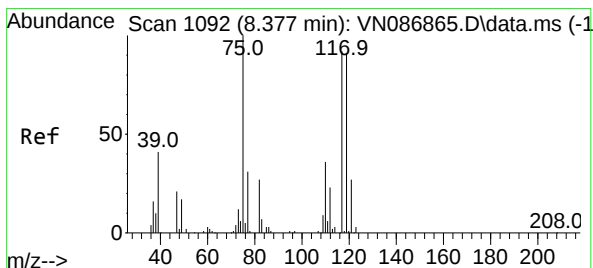
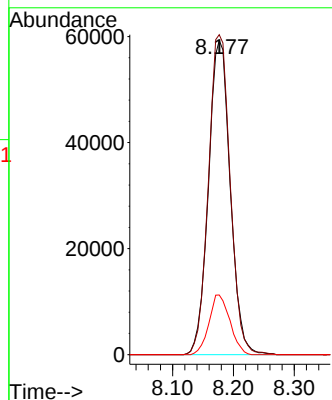
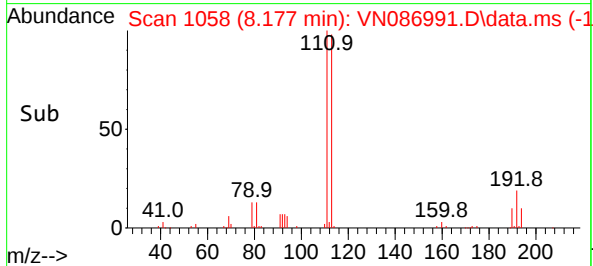


#35  
Dibromofluoromethane  
Concen: 50.826 ug/l  
RT: 8.177 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Instrument :  
MSVOA\_N  
ClientSampleId :

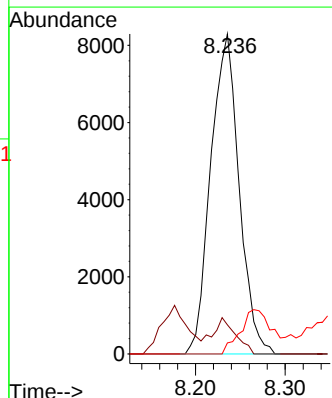
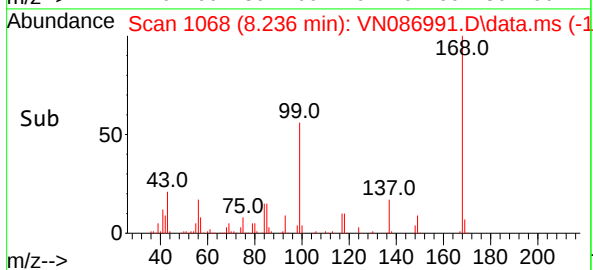
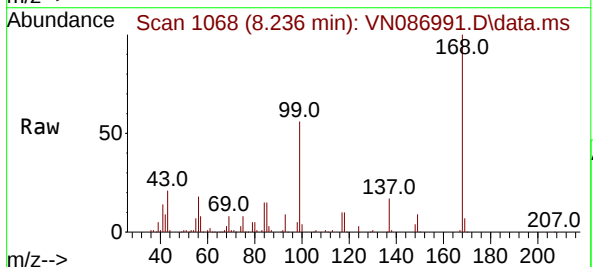


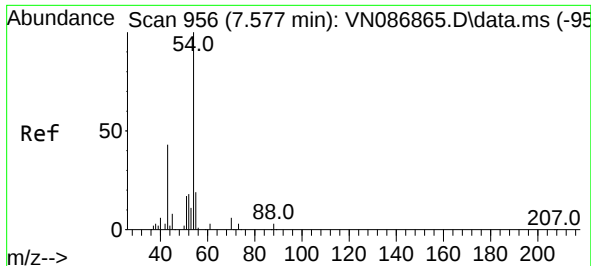
Tgt Ion:113 Resp: 147079  
Ion Ratio Lower Upper  
113 100  
111 101.9 84.2 126.2  
192 18.3 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 4.224 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. -0.141 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

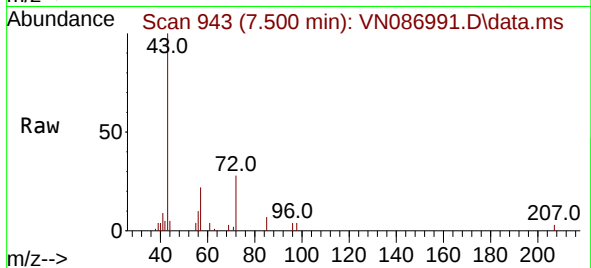
Tgt Ion: 75 Resp: 18212  
Ion Ratio Lower Upper  
75 100  
110 9.2 17.6 52.9#  
77 0.0 25.3 37.9#



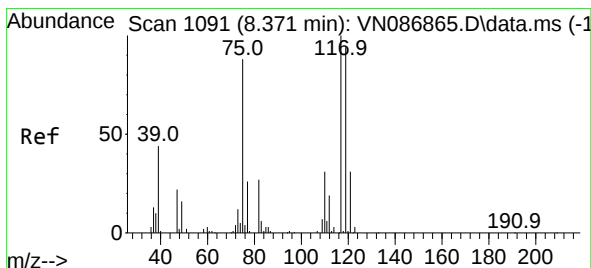
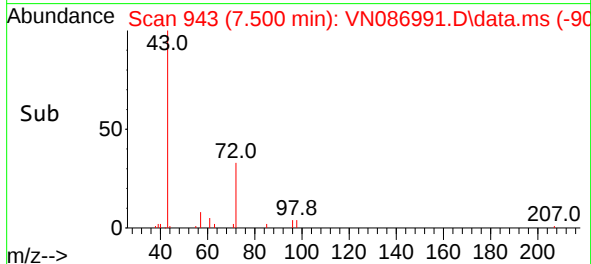
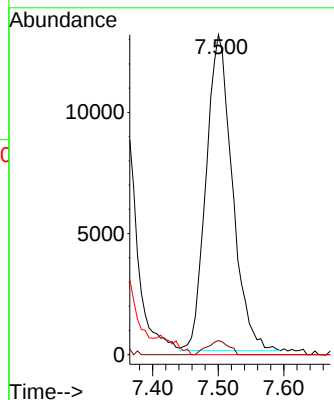


#37  
Ethyl Acetate  
Concen: 6.605 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. -0.077 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Instrument :  
MSVOA\_N  
ClientSampleId :

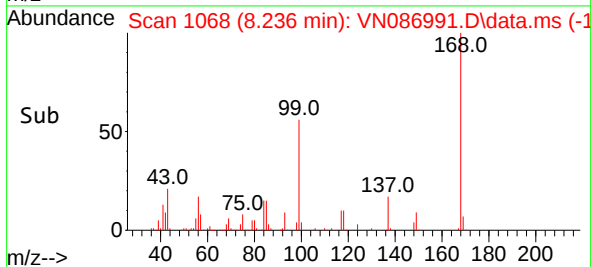
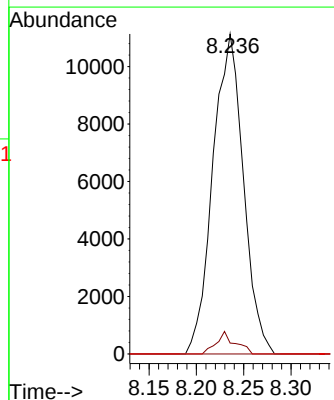
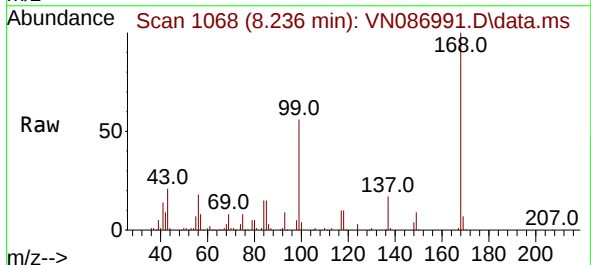


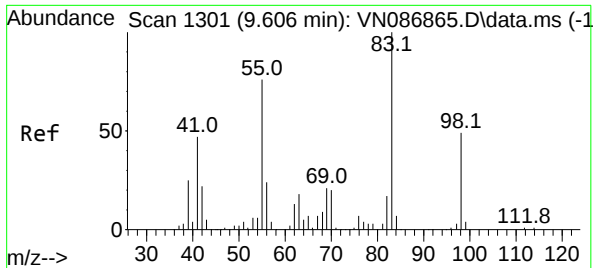
Tgt Ion: 43 Resp: 36258  
Ion Ratio Lower Upper  
43 100  
61 3.6 12.1 18.1#  
70 0.0 9.8 14.6#



#38  
Carbon Tetrachloride  
Concen: 5.893 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. -0.135 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 117 Resp: 24948  
Ion Ratio Lower Upper  
117 100  
119 3.4 75.0 112.6#  
121 0.0 24.9 37.3#





#39

Methylcyclohexane

Concen: 41.064 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

Instrument :

MSVOA\_N

ClientSampleId :

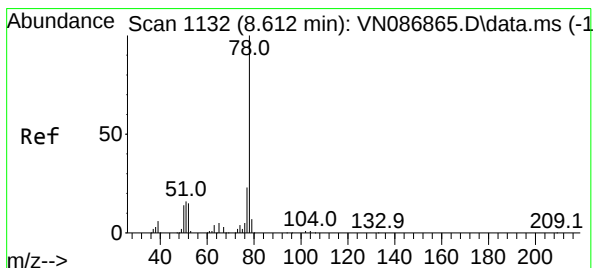
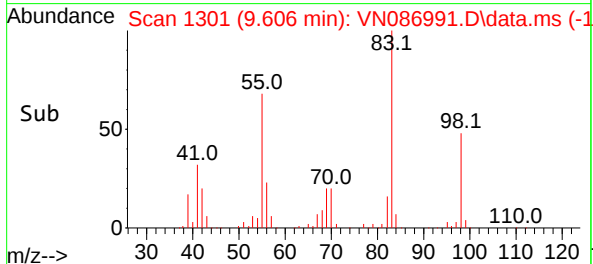
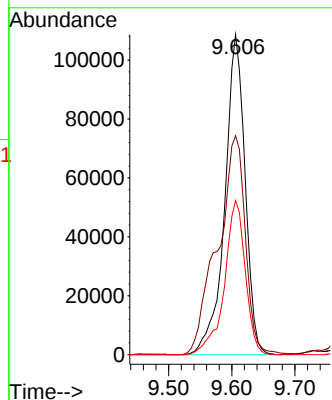
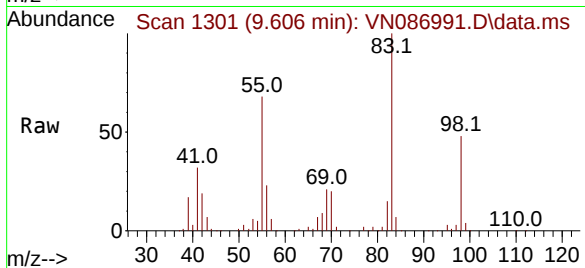
Tgt Ion: 83 Resp: 242592

Ion Ratio Lower Upper

83 100

55 68.5 61.0 91.6

98 48.2 38.9 58.3



#40

Benzene

Concen: 99.767 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN086991.D

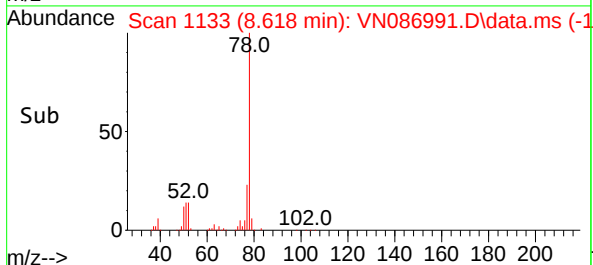
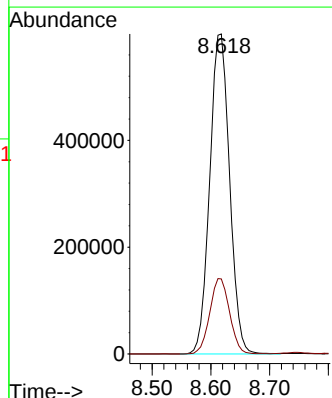
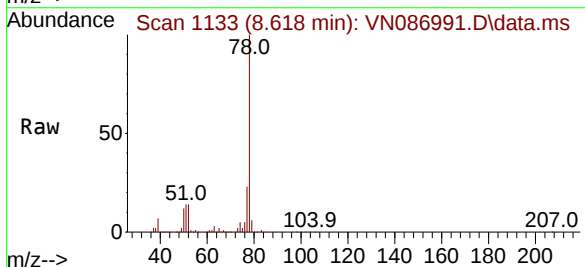
Acq: 12 Jun 2025 20:26

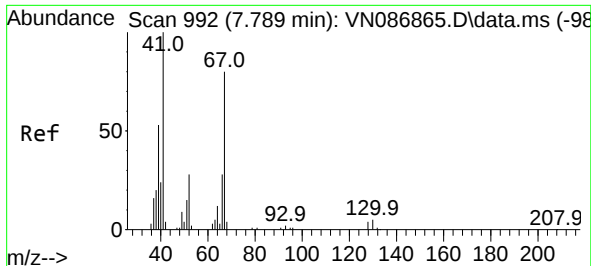
Tgt Ion: 78 Resp: 1406771

Ion Ratio Lower Upper

78 100

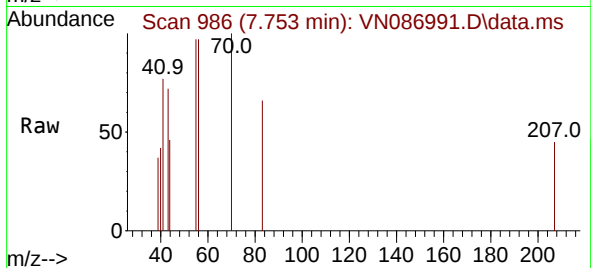
77 23.5 18.7 28.1



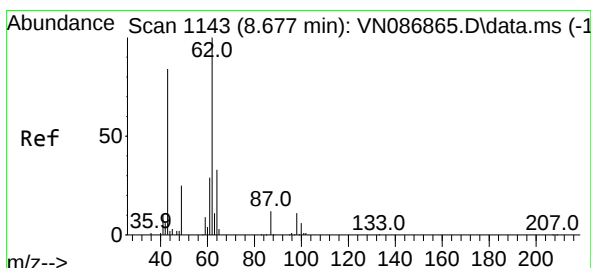
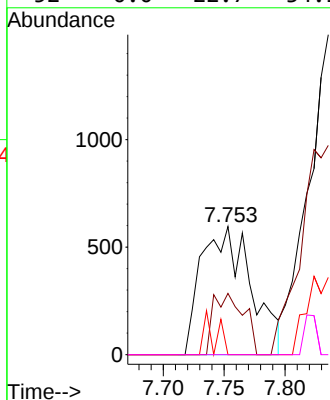
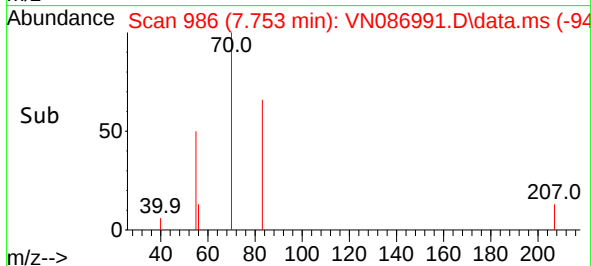


#41  
Methacrylonitrile  
Concen: 0.550 ug/l  
RT: 7.753 min Scan# 91  
Delta R.T. -0.035 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Instrument :  
MSVOA\_N  
ClientSampleId :

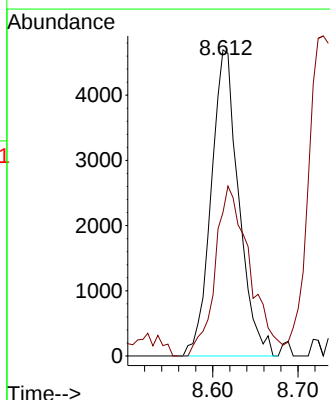
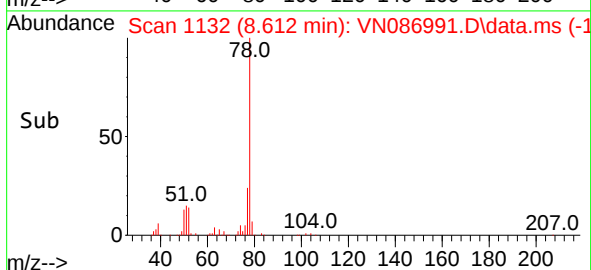
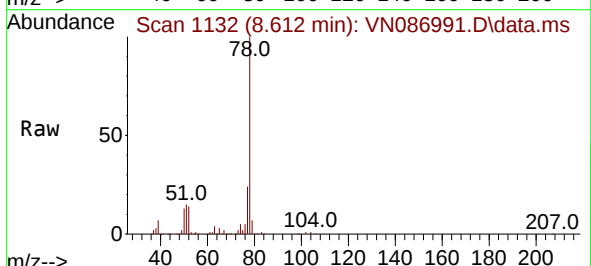


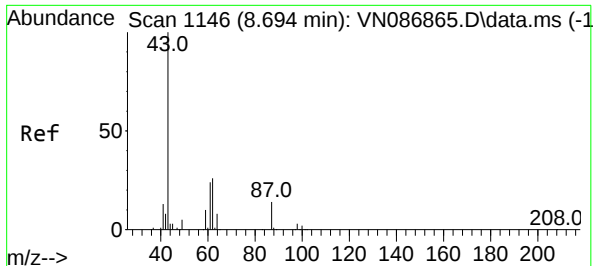
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 1697  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 41.2  | 61.8# |
| 67       | 0.0   | 61.4  | 92.2# |
| 52       | 0.0   | 22.7  | 34.1# |



#42  
1,2-Dichloroethane  
Concen: 2.475 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. -0.065 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 10585 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 69.5  | 0.0   | 21.2# |

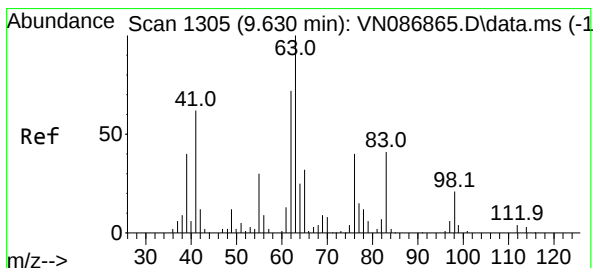
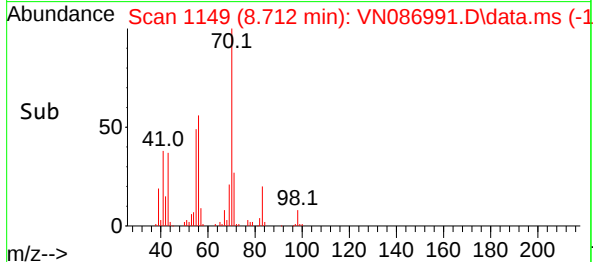
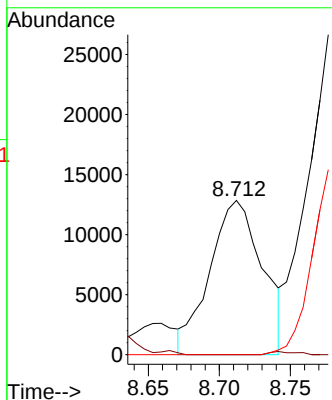
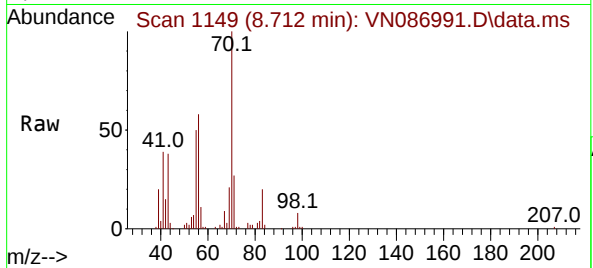




#43  
Isopropyl Acetate  
Concen: 3.755 ug/l  
RT: 8.712 min Scan# 1149  
Delta R.T. 0.018 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

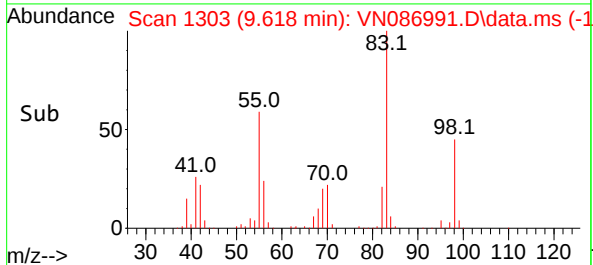
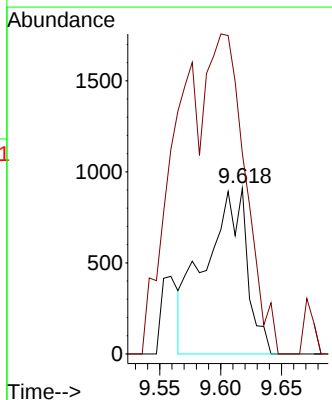
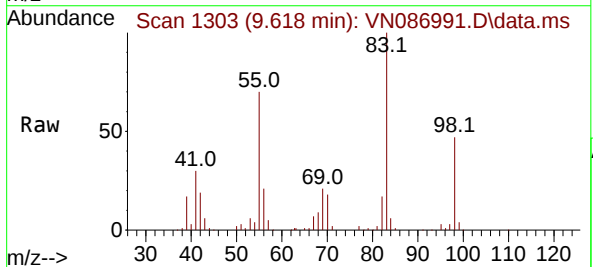
Instrument :  
MSVOA\_N  
ClientSampleId :

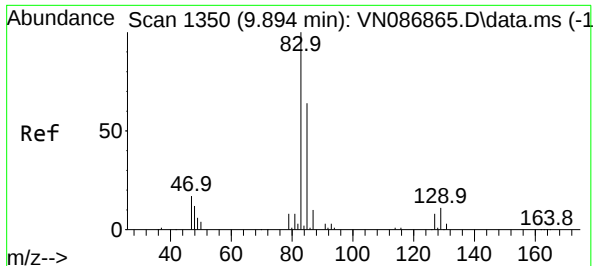
Tgt Ion: 43 Resp: 33079  
Ion Ratio Lower Upper  
43 100  
61 0.0 22.1 33.1#  
87 0.0 11.8 17.6#



#45  
1,2-Dichloropropane  
Concen: 0.634 ug/l  
RT: 9.618 min Scan# 1303  
Delta R.T. -0.012 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

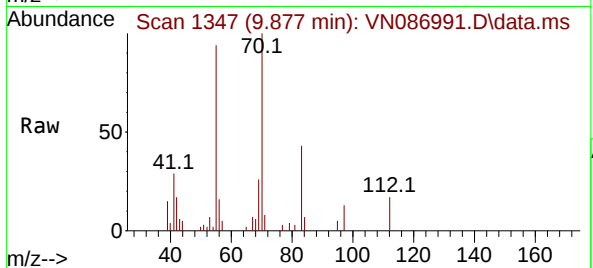
Tgt Ion: 63 Resp: 2175  
Ion Ratio Lower Upper  
63 100  
65 121.0 25.5 38.3#



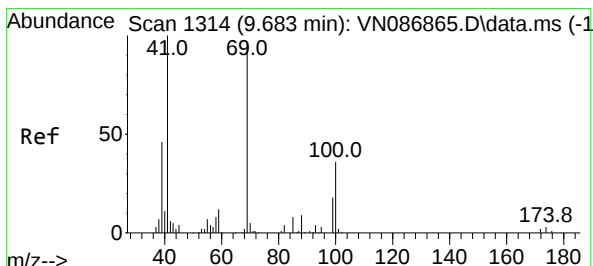
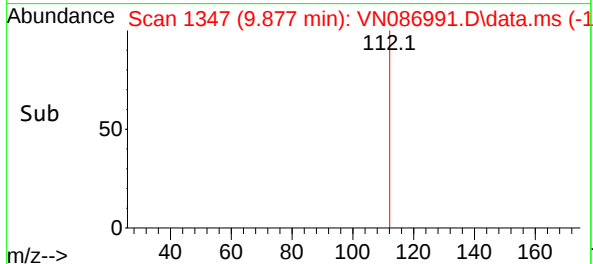
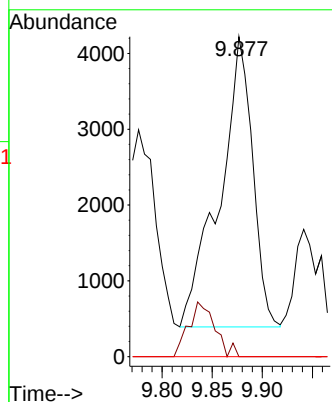


#47  
Bromodichloromethane  
Concen: 1.874 ug/l  
RT: 9.877 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Instrument :  
MSVOA\_N  
ClientSampleId :

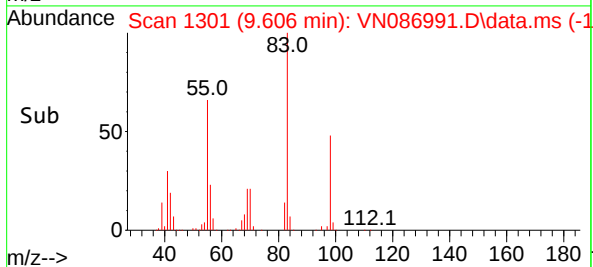
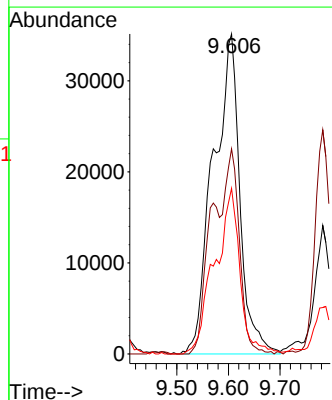
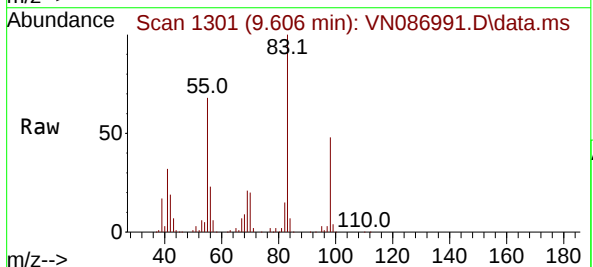


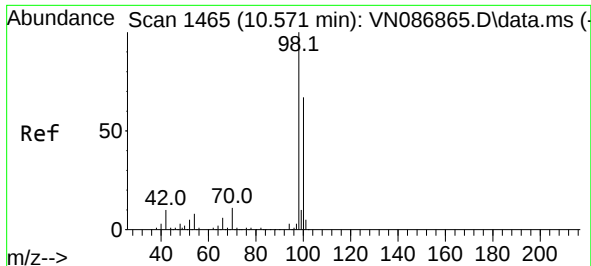
Tgt Ion: 83 Resp: 8787  
Ion Ratio Lower Upper  
83 100  
85 0.0 50.9 76.3#  
127 0.0 6.6 10.0#



#48  
Methyl methacrylate  
Concen: 31.031 ug/l  
RT: 9.606 min Scan# 1301  
Delta R.T. -0.077 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 41 Resp: 125833  
Ion Ratio Lower Upper  
41 100  
69 33.9 74.6 112.0#  
39 49.1 40.2 60.4

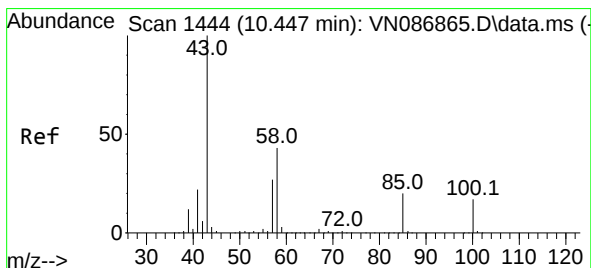
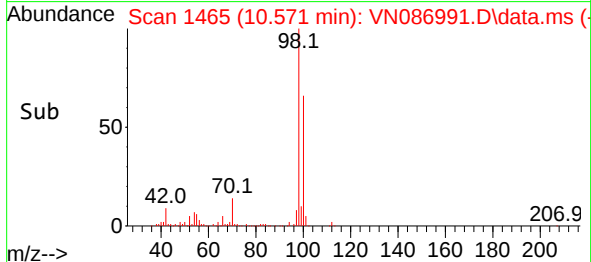
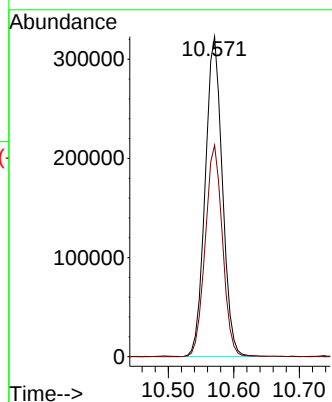
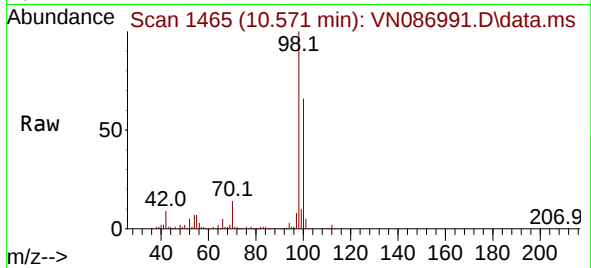




#50  
Toluene-d8  
Concen: 51.241 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

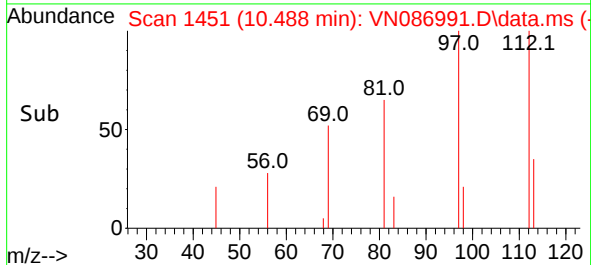
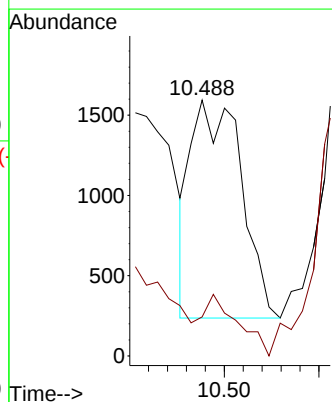
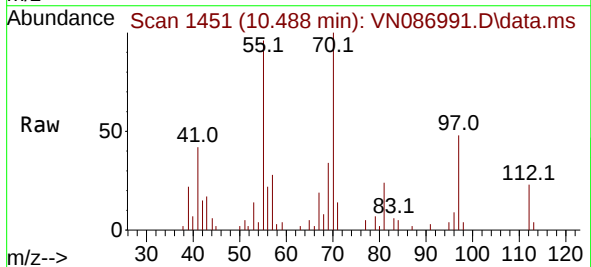
Instrument :  
MSVOA\_N  
ClientSampleId :

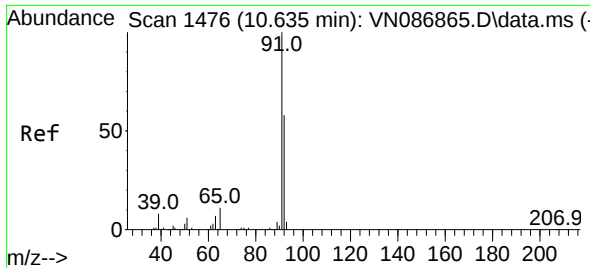
Tgt Ion: 98 Resp: 587009  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.4 80.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.473 ug/l  
RT: 10.488 min Scan# 1451  
Delta R.T. 0.041 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 43 Resp: 2509  
Ion Ratio Lower Upper  
43 100  
58 19.9 34.2 51.4#

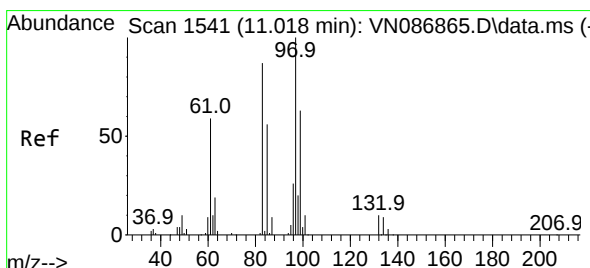
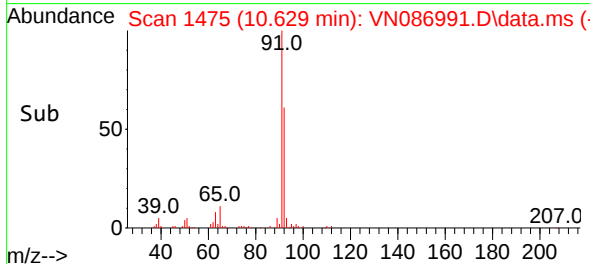
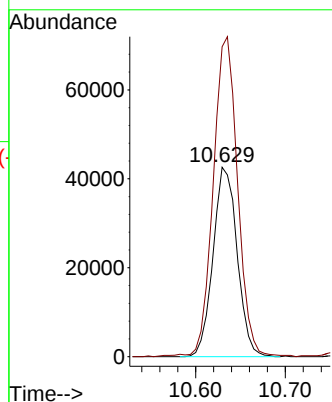
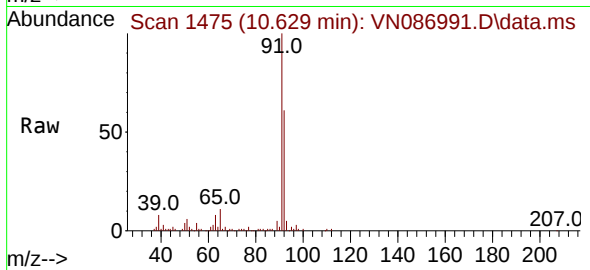




#52  
Toluene  
Concen: 9.218 ug/l  
RT: 10.629 min Scan# 1476  
Delta R.T. -0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

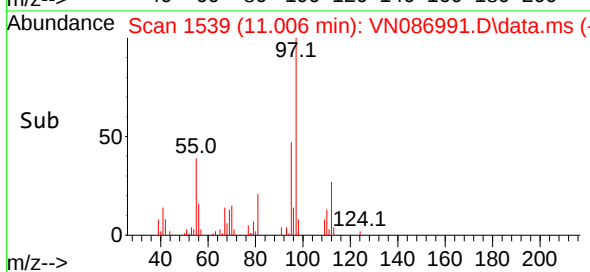
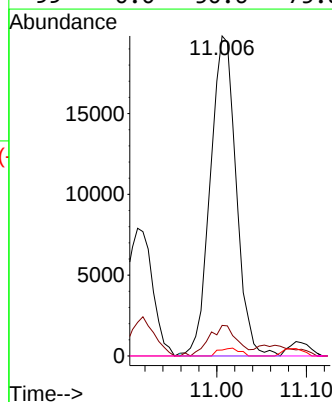
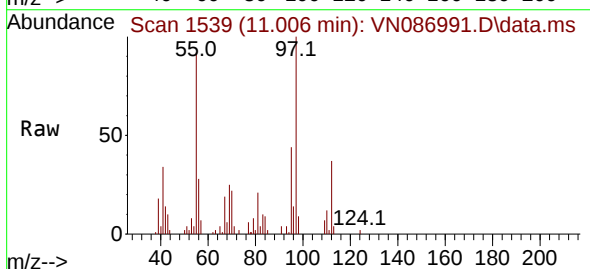
Instrument :  
MSVOA\_N  
ClientSampleId :

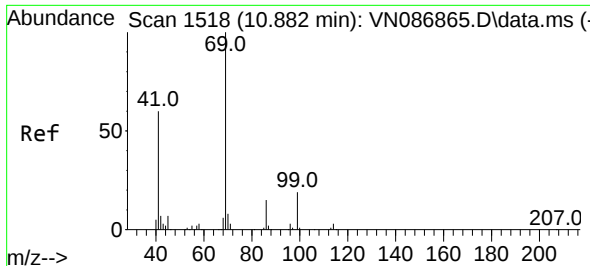
Tgt Ion: 92 Resp: 79431  
Ion Ratio Lower Upper  
92 100  
91 171.4 136.5 204.7



#55  
1,1,2-Trichloroethane  
Concen: 11.921 ug/l  
RT: 11.006 min Scan# 1539  
Delta R.T. -0.012 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 97 Resp: 39527  
Ion Ratio Lower Upper  
97 100  
83 9.5 69.7 104.5#  
85 1.9 45.1 67.7#  
99 0.0 50.6 75.8#

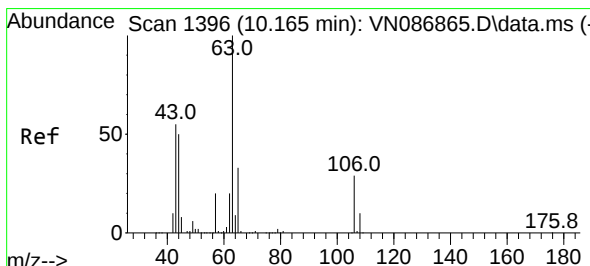
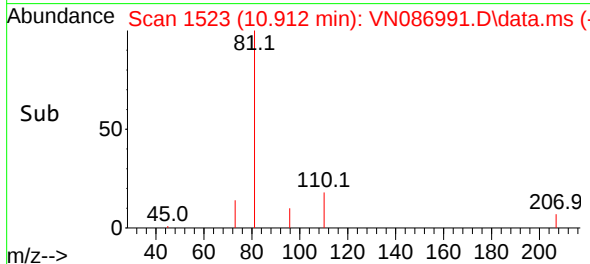
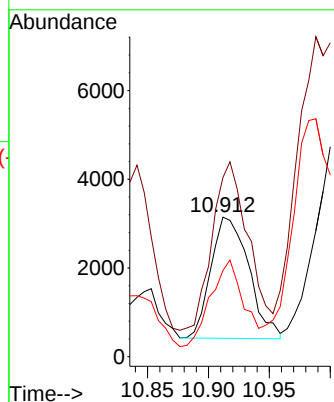
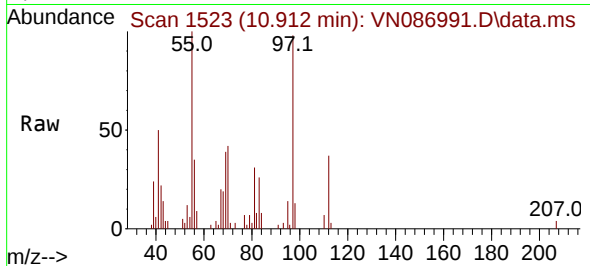




#56  
Ethyl methacrylate  
Concen: 1.122 ug/l  
RT: 10.912 min Scan# 11  
Delta R.T. 0.029 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

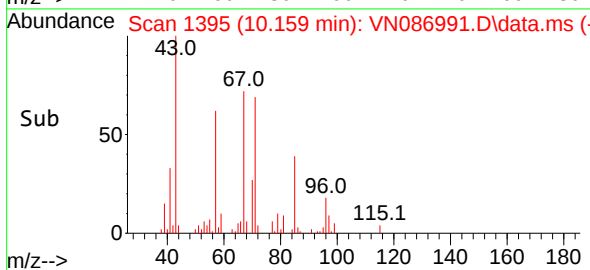
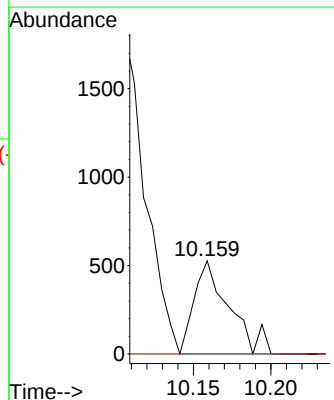
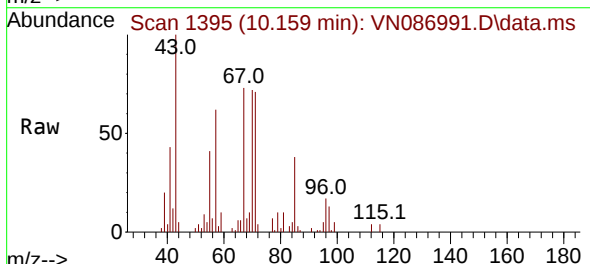
Instrument :  
MSVOA\_N  
ClientSampleId :

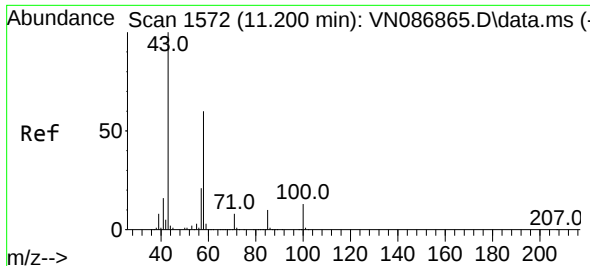
Tgt Ion: 69 Resp: 5926  
Ion Ratio Lower Upper  
69 100  
41 130.2 47.2 70.8#  
39 61.5 23.0 34.6#



#58  
2-Chloroethyl Vinyl ether  
Concen: 0.263 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 63 Resp: 829  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.0 34.6#

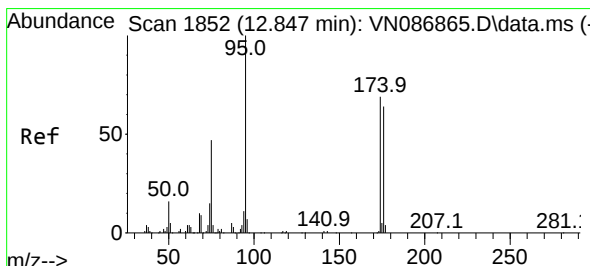
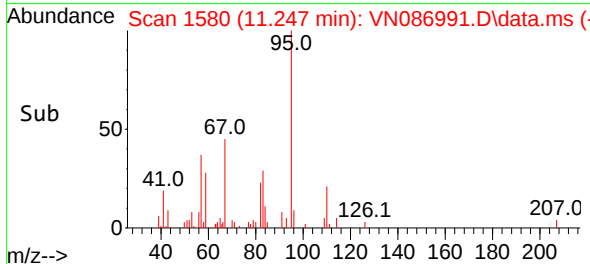
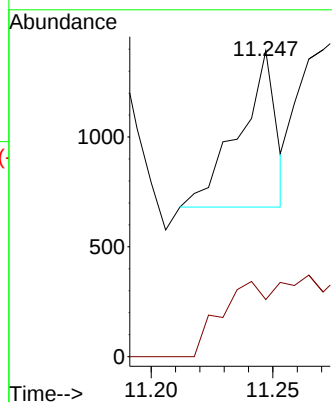
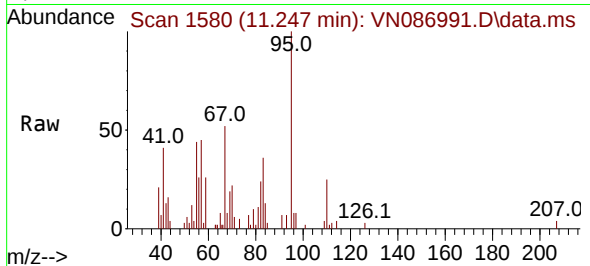




#59  
2-Hexanone  
Concen: 0.219 ug/l  
RT: 11.247 min Scan# 11580  
Delta R.T. 0.047 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

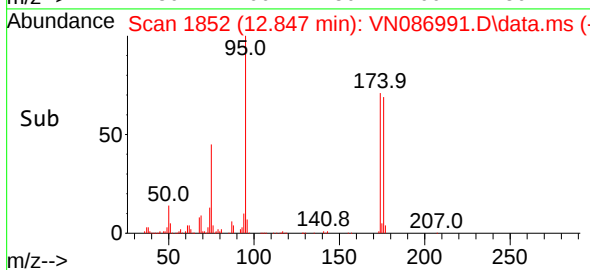
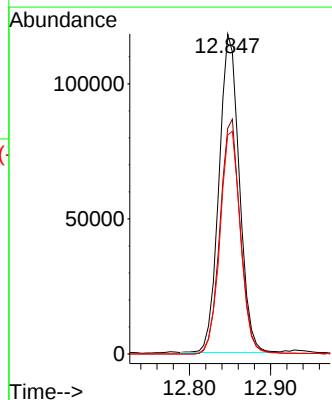
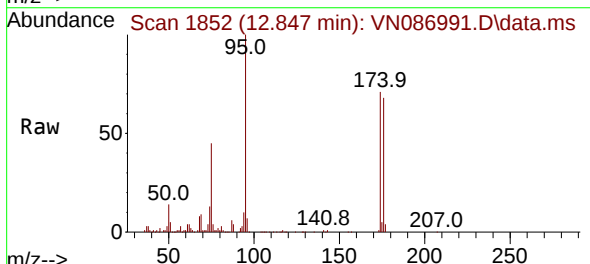
Instrument :  
MSVOA\_N  
ClientSampleId :

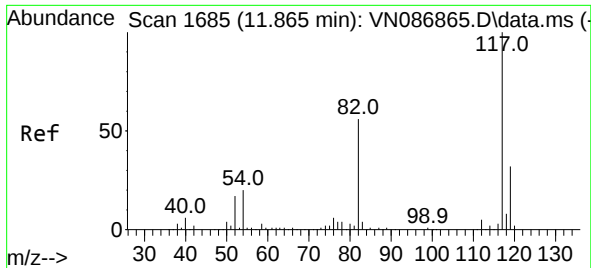
Tgt Ion: 43 Resp: 747  
Ion Ratio Lower Upper  
43 100  
58 60.2 30.4 91.3



#62  
4-Bromofluorobenzene  
Concen: 48.242 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 95 Resp: 205325  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 141.8  
176 70.6 0.0 132.6

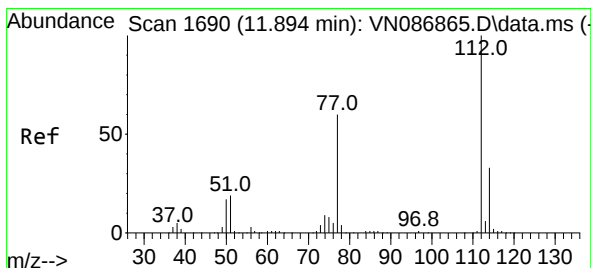
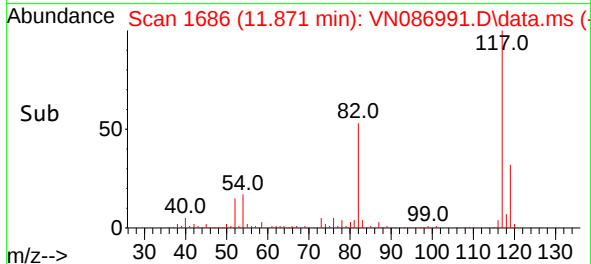
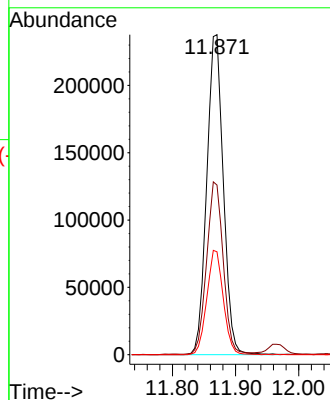
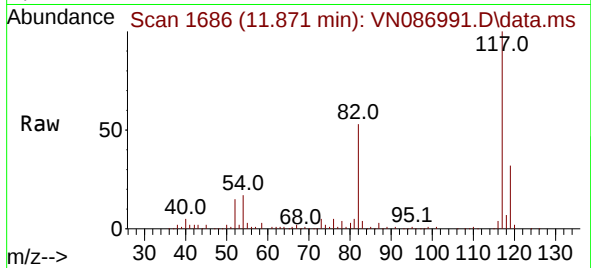




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 11871  
Delta R.T. 0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

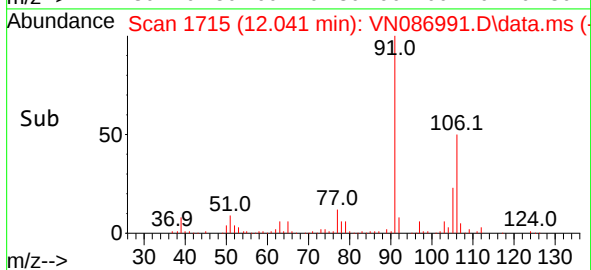
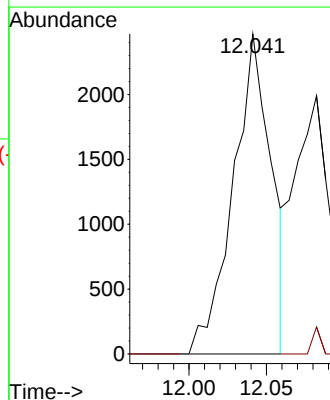
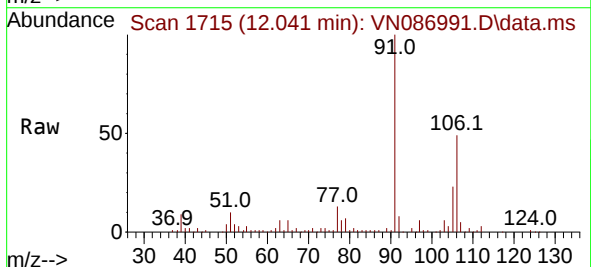
Instrument :  
MSVOA\_N  
ClientSampleId :

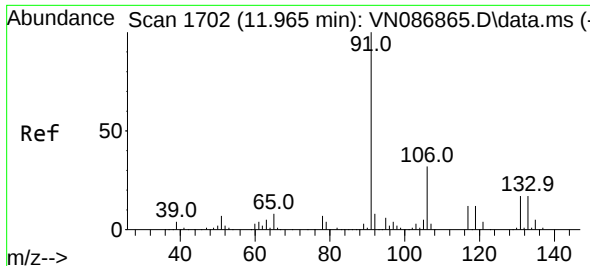
Tgt Ion:117 Resp: 432945  
Ion Ratio Lower Upper  
117 100  
82 52.8 44.6 67.0  
119 32.1 25.5 38.3



#65  
Chlorobenzene  
Concen: 0.441 ug/l  
RT: 12.041 min Scan# 1715  
Delta R.T. 0.147 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion:112 Resp: 4207  
Ion Ratio Lower Upper  
112 100  
114 0.0 26.2 39.2#

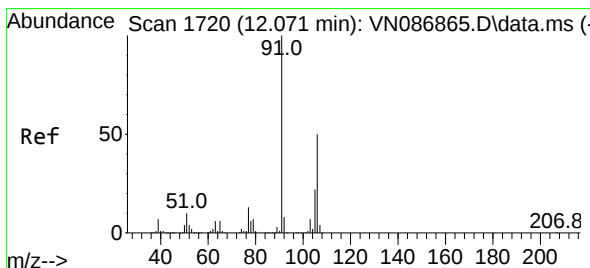
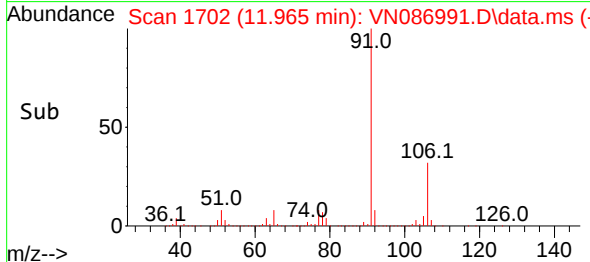
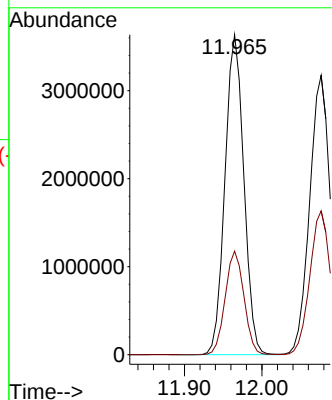
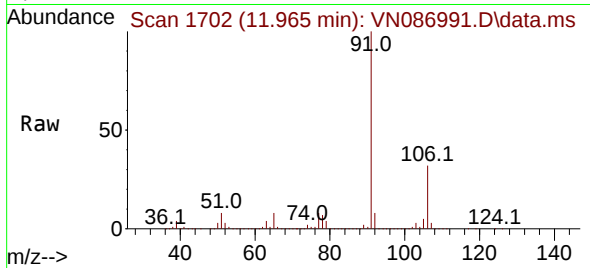




#67  
Ethyl Benzene  
Concen: 374.015 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

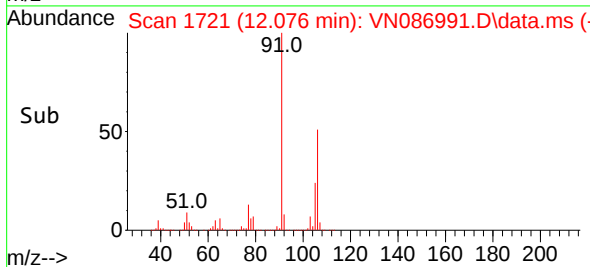
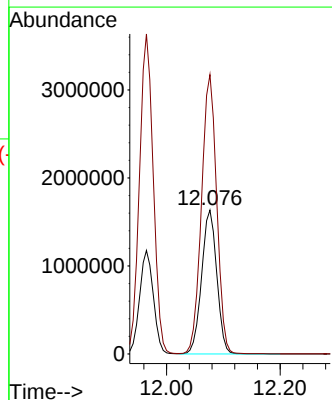
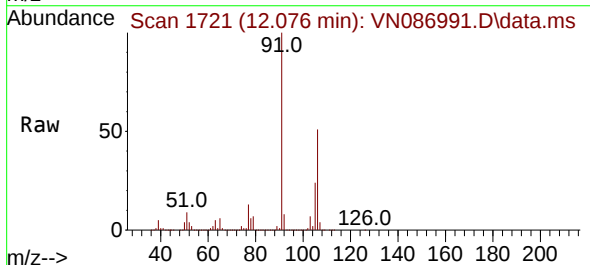
Instrument :  
MSVOA\_N  
ClientSampleId :

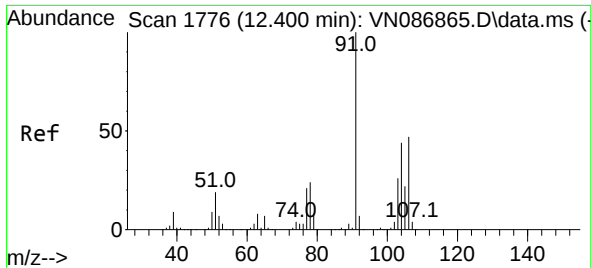
Tgt Ion: 91 Resp: 6151631  
Ion Ratio Lower Upper  
91 100  
106 32.4 25.4 38.2



#68  
m/p-Xylenes  
Concen: 479.282 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion:106 Resp: 3017617  
Ion Ratio Lower Upper  
106 100  
91 195.3 159.4 239.0

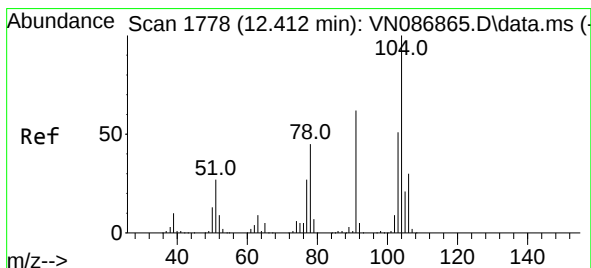
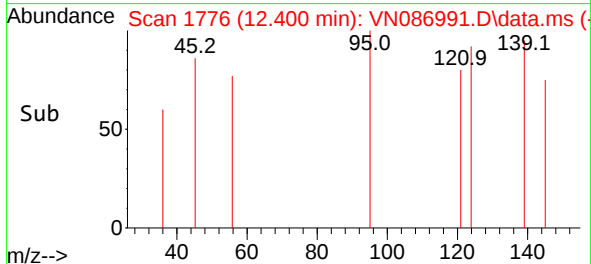
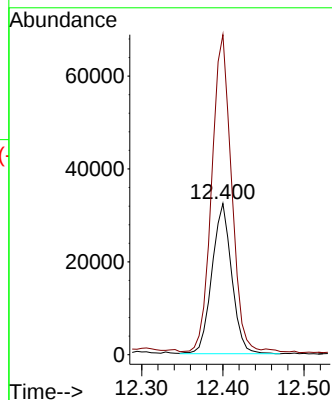
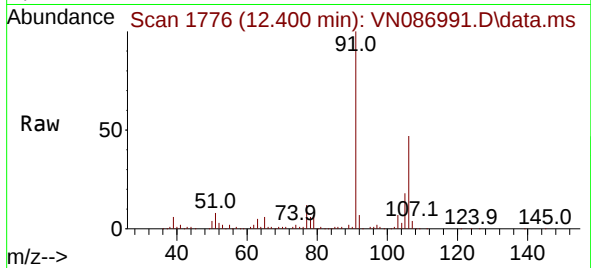




#69  
o-Xylene  
Concen: 9.028 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

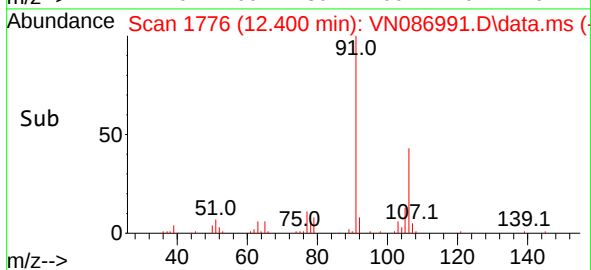
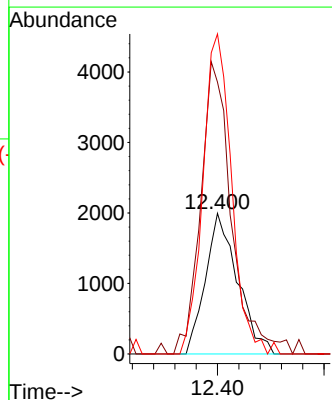
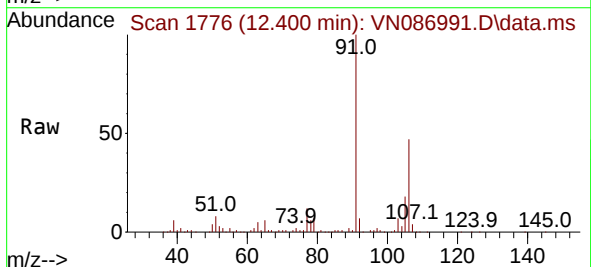
Instrument :  
MSVOA\_N  
ClientSampleId :

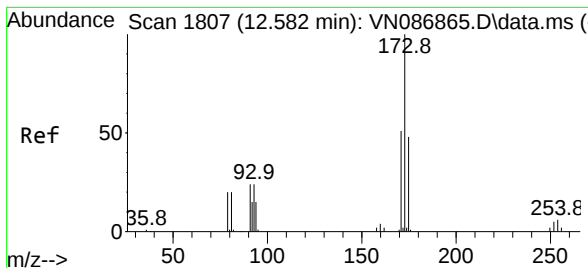
Tgt Ion:106 Resp: 54440  
Ion Ratio Lower Upper  
106 100  
91 213.9 106.1 318.1



#70  
Styrene  
Concen: 0.406 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.012 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion:104 Resp: 4190  
Ion Ratio Lower Upper  
104 100  
78 201.2 38.5 57.7#  
103 203.0 43.1 64.7#





#71

Bromoform

Concen: 0.459 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

Instrument :

MSVOA\_N

ClientSampleId :

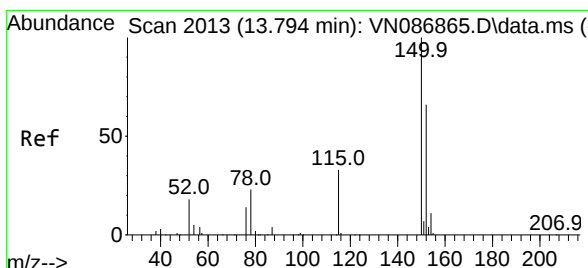
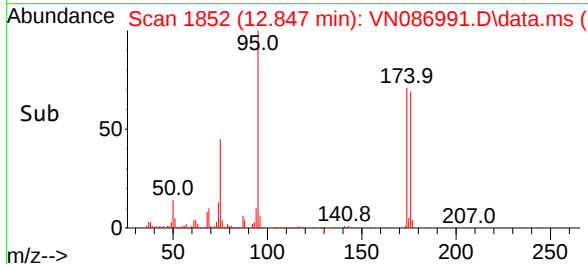
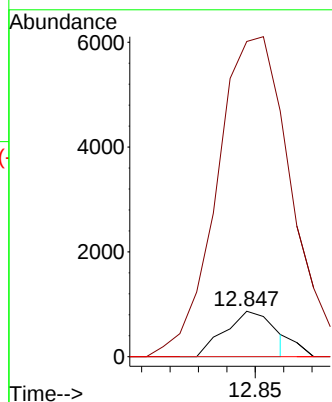
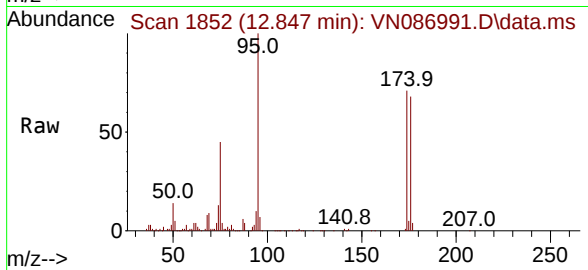
Tgt Ion:173 Resp: 1045

Ion Ratio Lower Upper

173 100

175 902.5 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

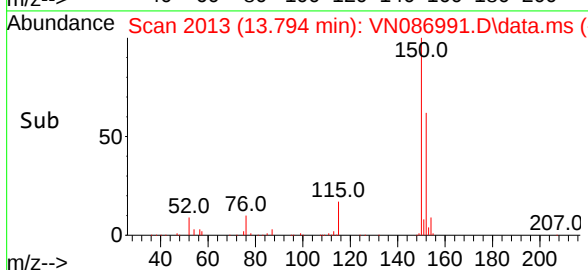
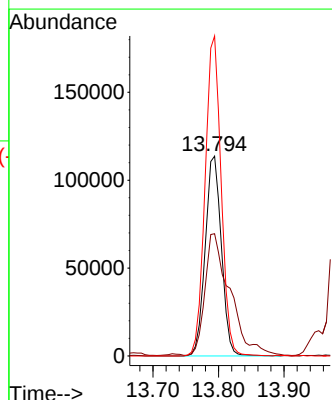
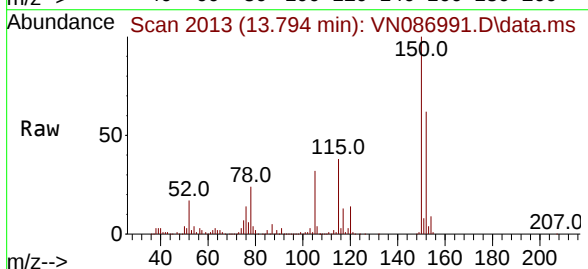
Tgt Ion:152 Resp: 195427

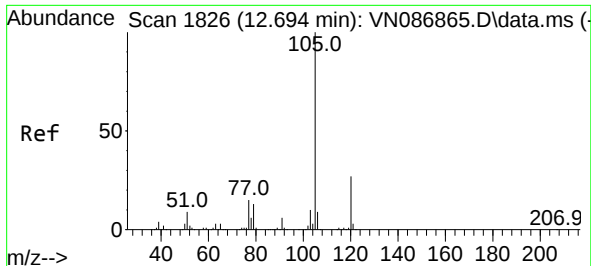
Ion Ratio Lower Upper

152 100

115 93.6 30.1 90.5#

150 158.8 0.0 345.0

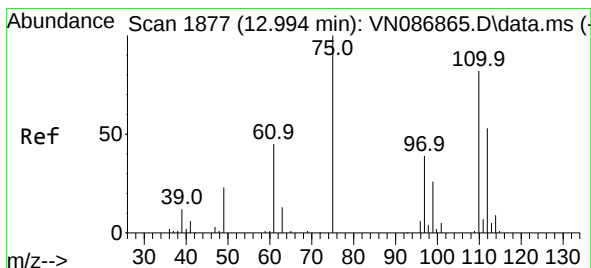
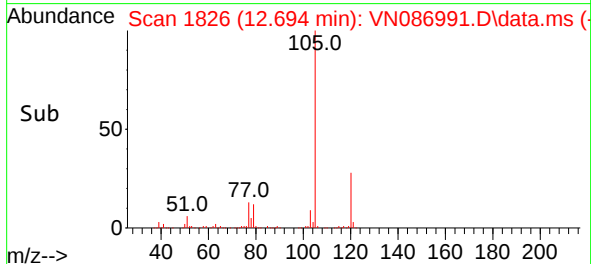
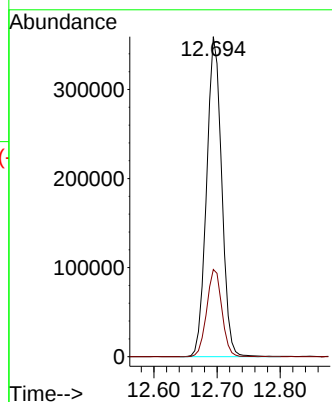
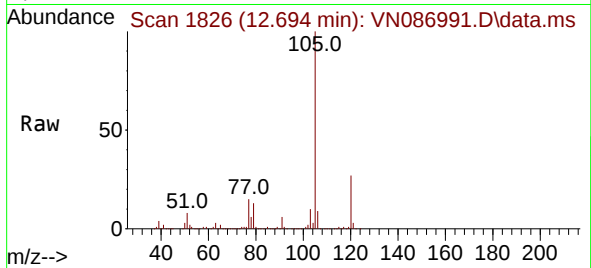




#73  
Isopropylbenzene  
Concen: 41.829 ug/l  
RT: 12.694 min Scan# 1188  
Delta R.T. -0.000 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

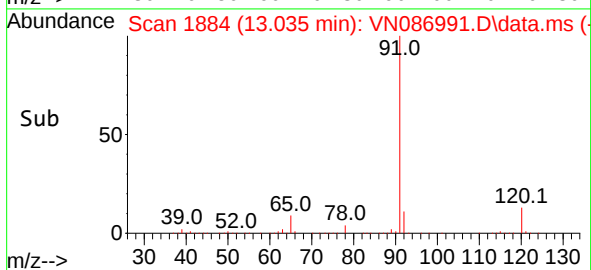
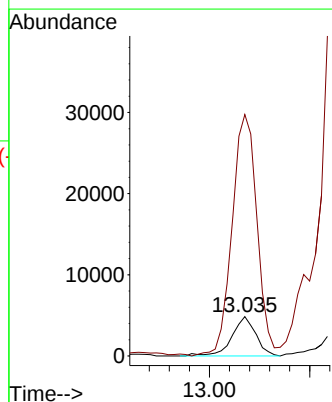
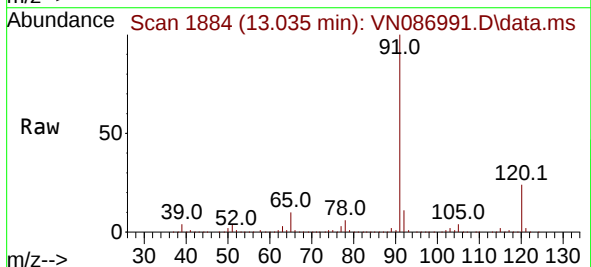
Instrument :  
MSVOA\_N  
ClientSampleId :

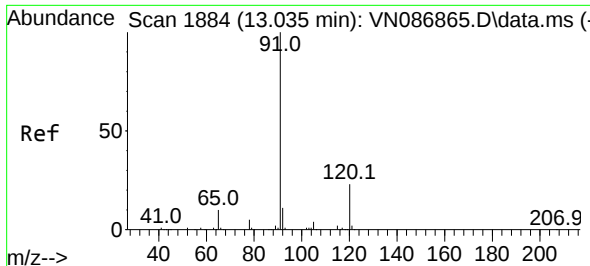
Tgt Ion:105 Resp: 595515  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.5 40.4



#76  
1,2,3-Trichloropropane  
Concen: 1.720 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.041 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 75 Resp: 7992  
Ion Ratio Lower Upper  
75 100  
77 640.7 79.3 237.9#

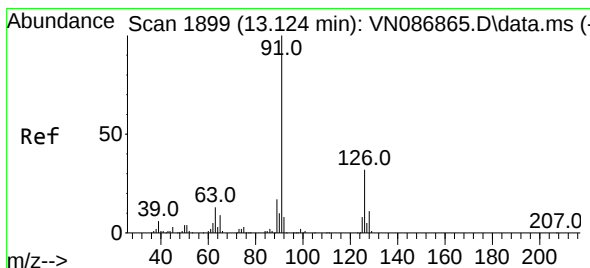
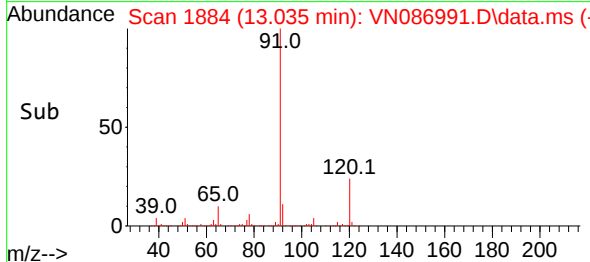
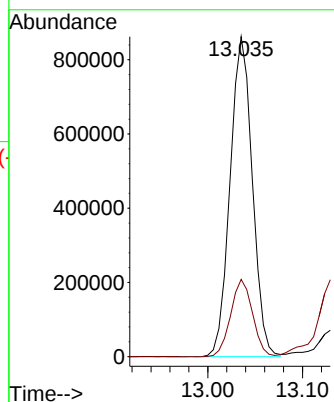
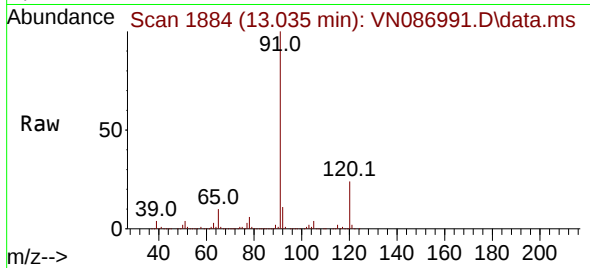




#78  
n-propylbenzene  
Concen: 81.313 ug/l  
RT: 13.035 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

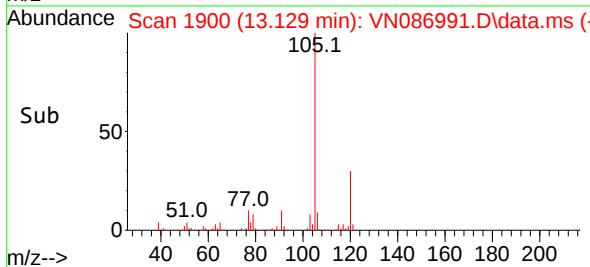
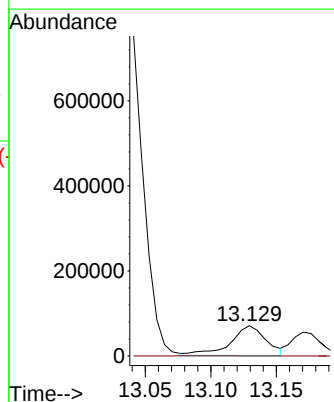
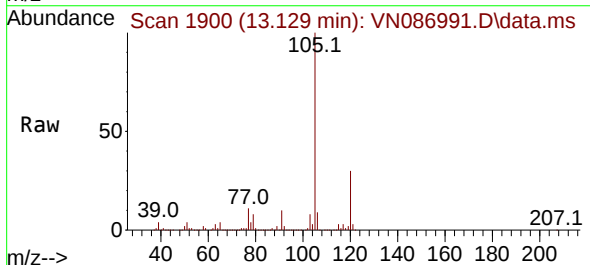
Instrument :  
MSVOA\_N  
ClientSampleId :

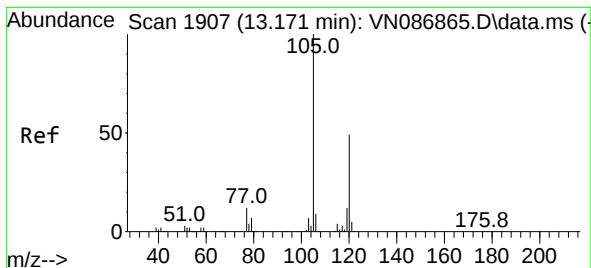
Tgt Ion: 91 Resp: 1406861  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.4 34.2



#79  
2-Chlorotoluene  
Concen: 13.024 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 91 Resp: 135138  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.2 48.5#





#80

1,3,5-Trimethylbenzene

Concen: 75.567 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

Instrument :

MSVOA\_N

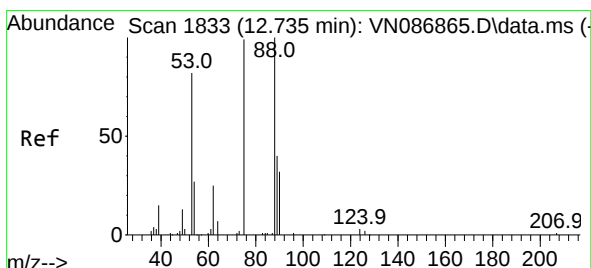
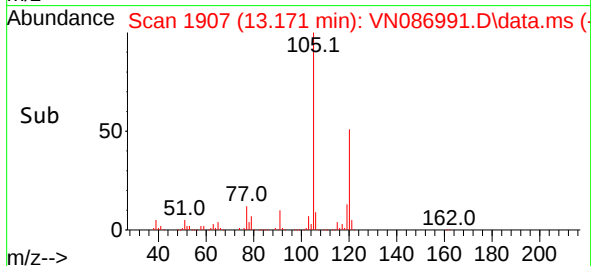
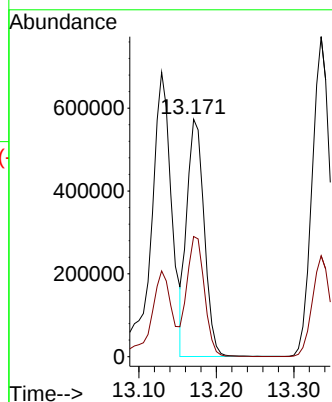
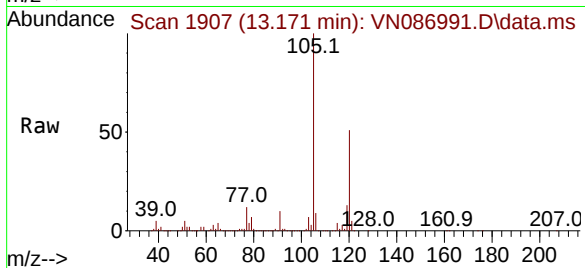
ClientSampleId :

Tgt Ion:105 Resp: 888246

Ion Ratio Lower Upper

105 100

120 51.0 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 2.971 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.041 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

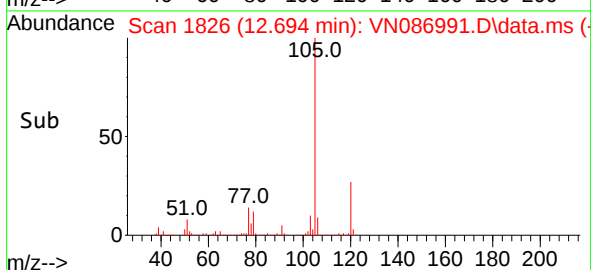
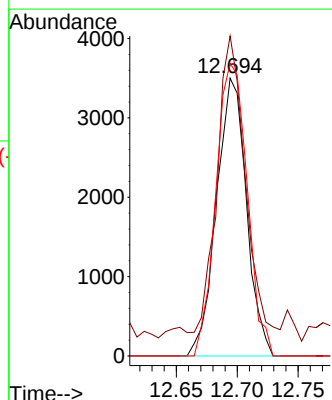
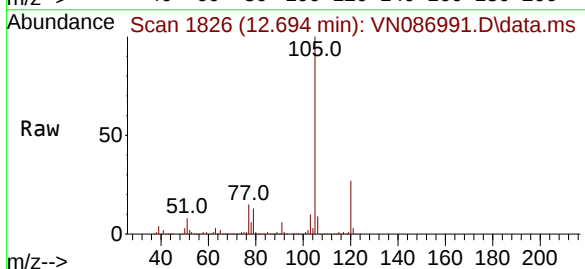
Tgt Ion: 75 Resp: 5996

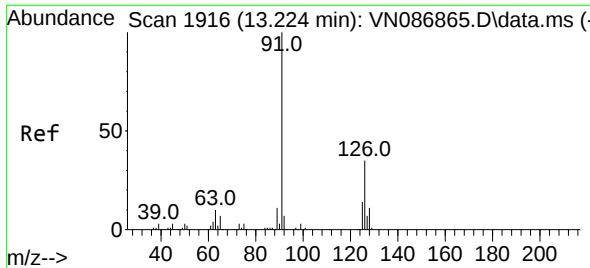
Ion Ratio Lower Upper

75 100

53 102.9 66.6 99.8#

89 110.0 36.7 55.1#

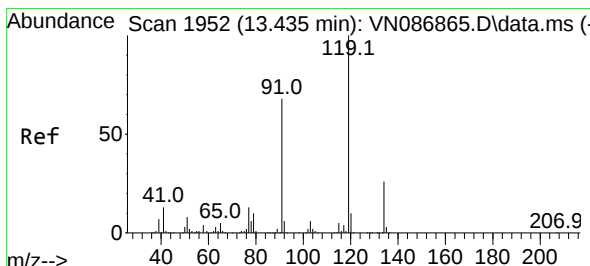
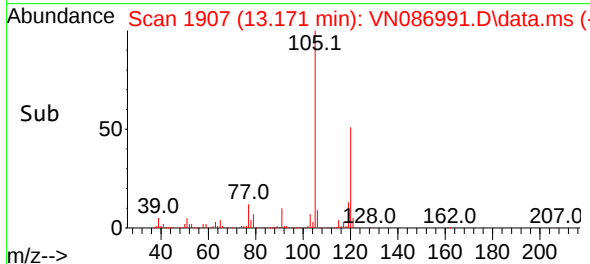
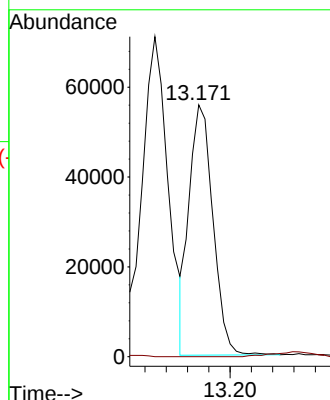
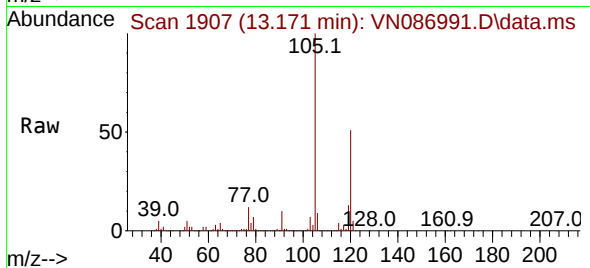




#82  
4-Chlorotoluene  
Concen: 8.248 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. -0.053 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

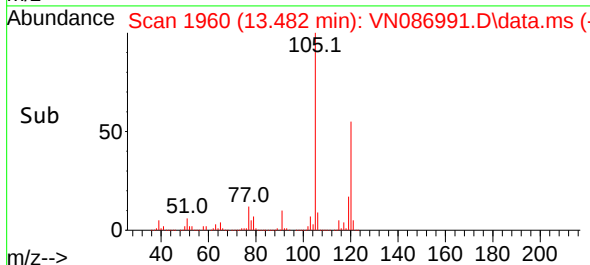
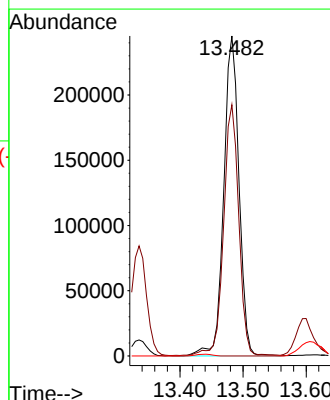
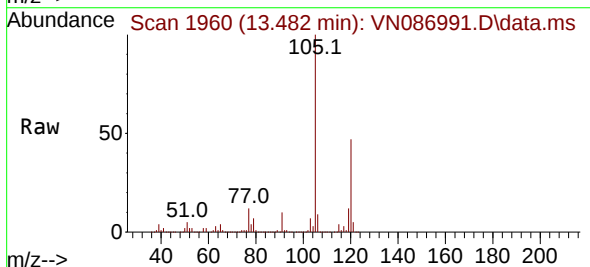
Instrument :  
MSVOA\_N  
ClientSampleId :

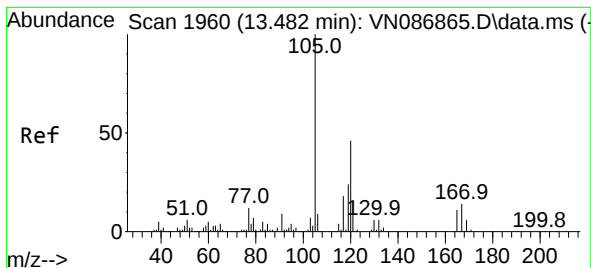
Tgt Ion: 91 Resp: 86595  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.7 50.1#



#83  
tert-Butylbenzene  
Concen: 38.130 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.047 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Tgt Ion: 119 Resp: 410269  
Ion Ratio Lower Upper  
119 100  
91 77.8 32.1 96.5  
134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 271.361 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

Instrument :

MSVOA\_N

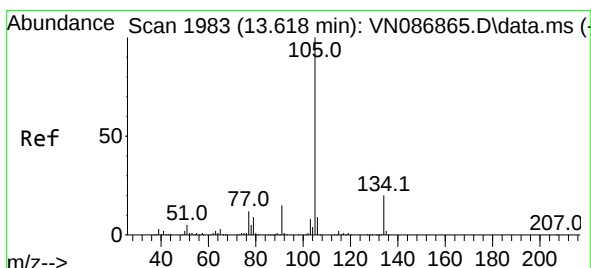
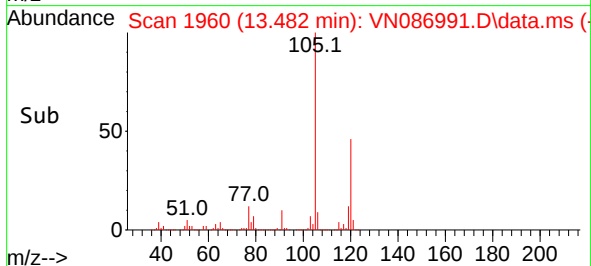
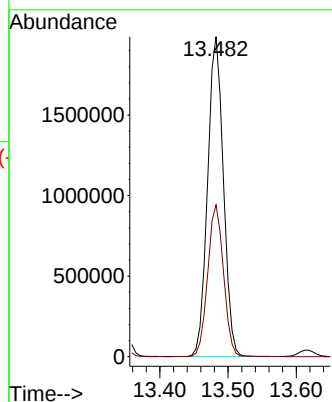
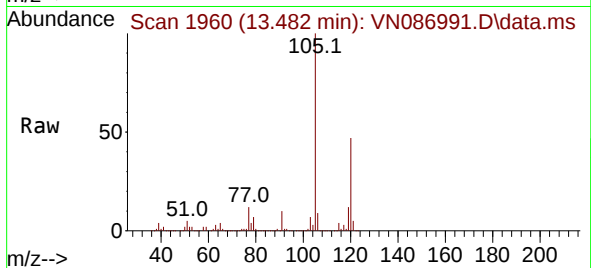
ClientSampleId :

Tgt Ion:105 Resp: 3198494

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6



#85

sec-Butylbenzene

Concen: 204.628 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN086991.D

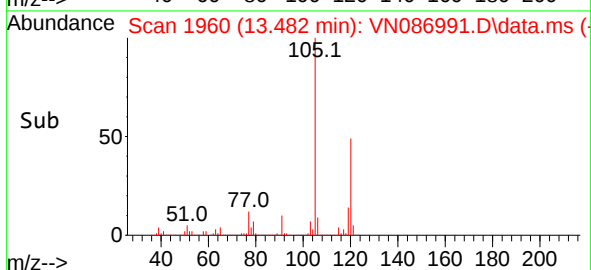
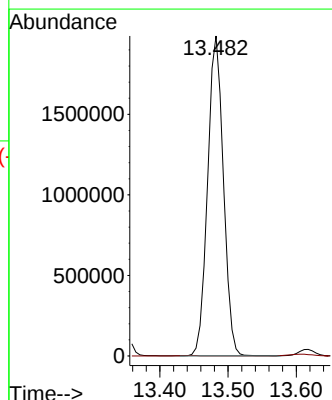
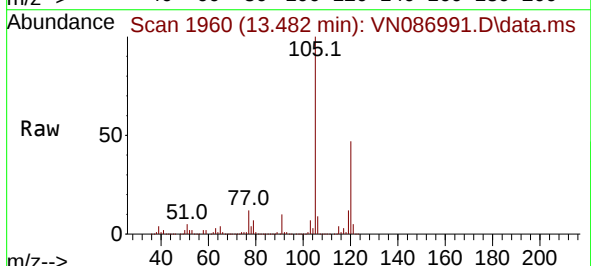
Acq: 12 Jun 2025 20:26

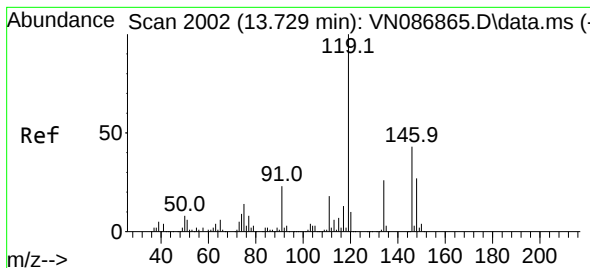
Tgt Ion:105 Resp: 3197386

Ion Ratio Lower Upper

105 100

134 0.0 10.0 30.0#





#86

p-Isopropyltoluene

Concen: 1.373 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086991.D

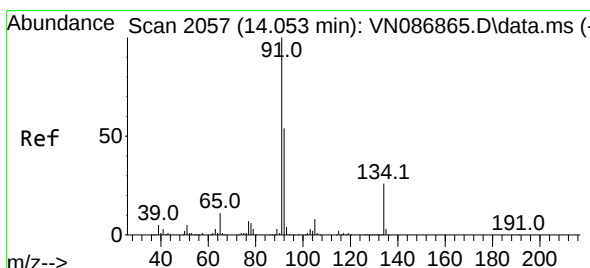
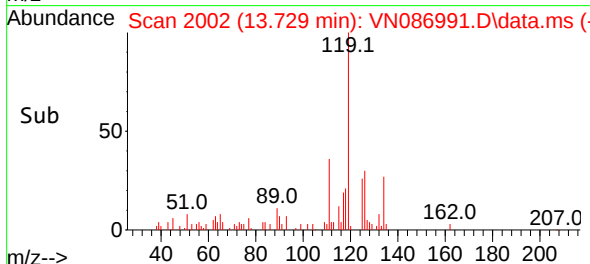
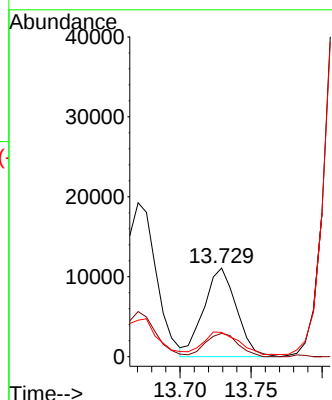
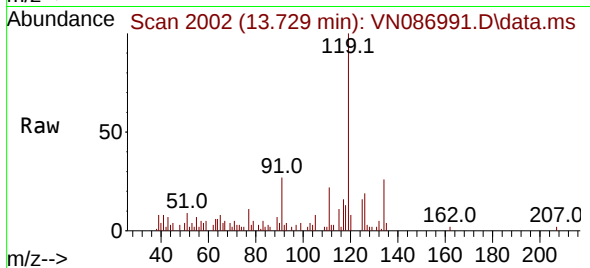
Acq: 12 Jun 2025 20:26

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 17728 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 26.0  | 13.5  | 40.4  |
| 91       | 0.0   | 11.5  | 34.4# |



#89

n-Butylbenzene

Concen: 6.715 ug/l

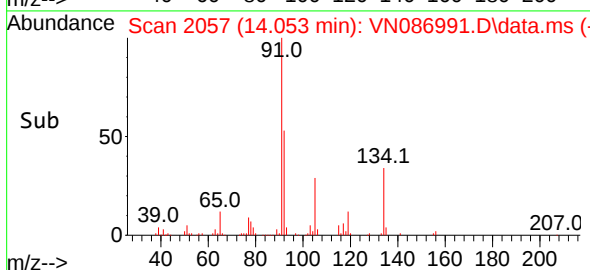
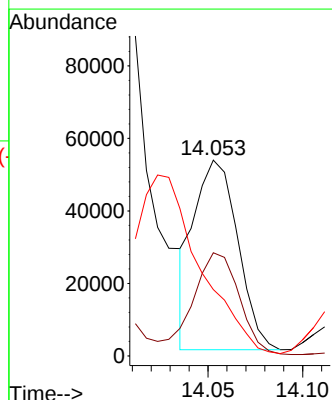
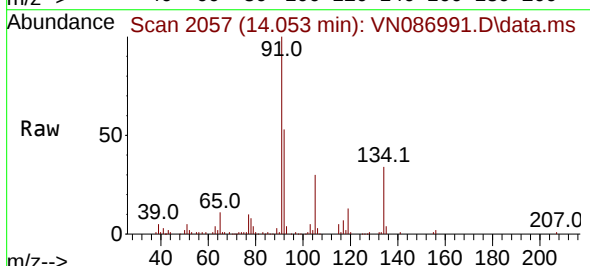
RT: 14.053 min Scan# 2057

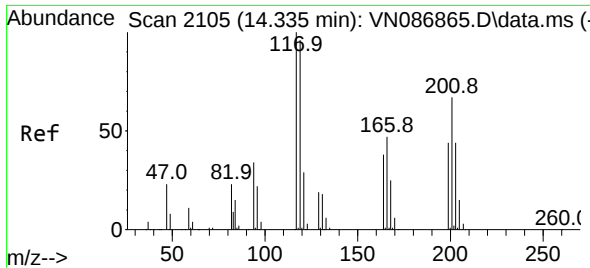
Delta R.T. -0.000 min

Lab File: VN086991.D

Acq: 12 Jun 2025 20:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 84006 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 58.4  | 27.5  | 82.4  |
| 134      | 0.0   | 13.0  | 39.0# |

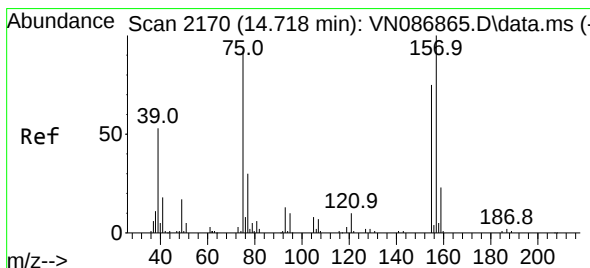
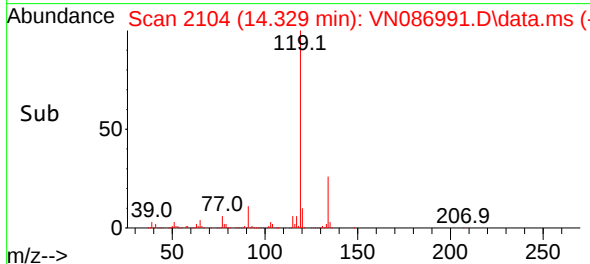
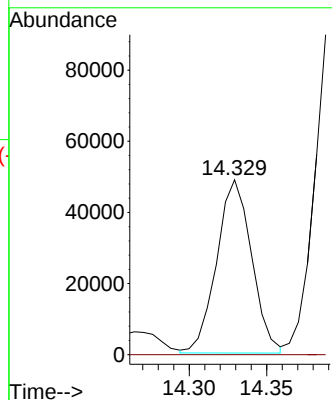
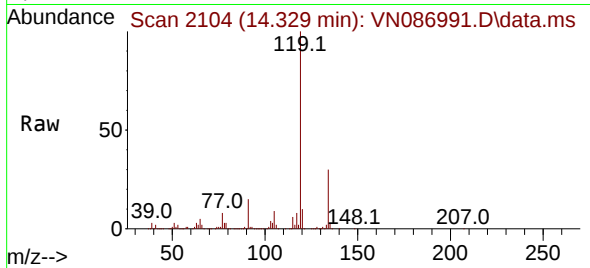




#90  
Hexachloroethane  
Concen: 34.926 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

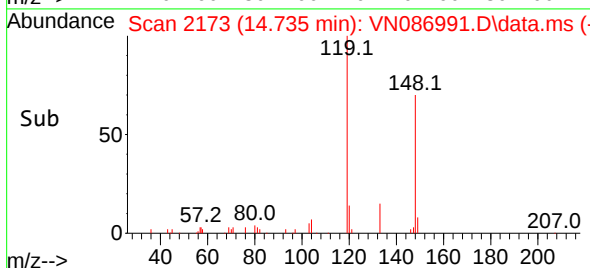
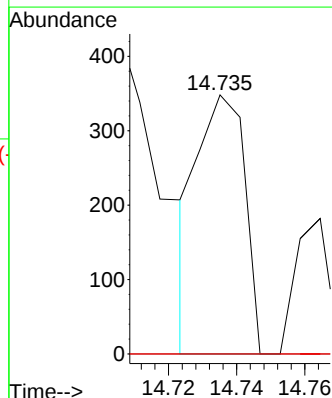
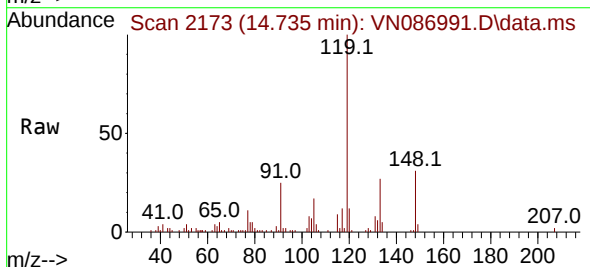
Instrument :  
MSVOA\_N  
ClientSampleId :

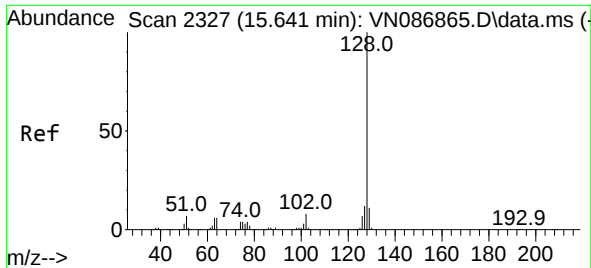
Tgt Ion:117 Resp: 76467  
Ion Ratio Lower Upper  
117 100  
201 0.0 33.2 99.6#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.288 ug/l  
RT: 14.735 min Scan# 2173  
Delta R.T. 0.018 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

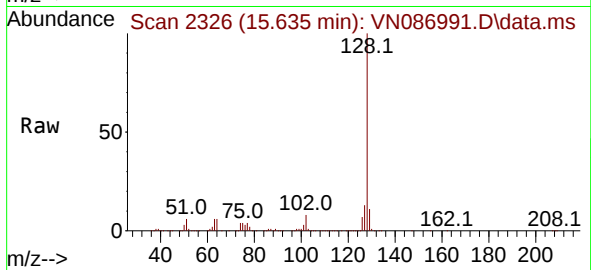
Tgt Ion: 75 Resp: 332  
Ion Ratio Lower Upper  
75 100  
155 0.0 41.1 123.4#  
157 0.0 52.7 158.1#





#95  
Naphthalene  
Concen: 241.042 ug/l  
RT: 15.635 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN086991.D  
Acq: 12 Jun 2025 20:26

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 3535885  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.9 8.8 13.2

