

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110824\  
 Data File : VN084759.D  
 Acq On : 08 Nov 2024 18:56  
 Operator : JC\MD  
 Sample : P4739-12DL 4X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-B2

Quant Time: Nov 08 22:36:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 177486   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 309786   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 279934   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 135570   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 124513   | 48.572   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 97.140%  |
| 35) Dibromofluoromethane    | 8.159  | 113   | 101062   | 48.196   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.400%  |
| 50) Toluene-d8              | 10.565 | 98    | 365379   | 47.303   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 94.600%  |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 150375   | 52.091   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 104.180% |

|                               |        |     |         |           |        |     |
|-------------------------------|--------|-----|---------|-----------|--------|-----|
| Target Compounds              |        |     | Qvalue  |           |        |     |
| 3) Chloromethane              | 2.353  | 50  | 527     | Below Cal | #      | 41  |
| 6) Chloroethane               | 3.147  | 64  | 314     | Below Cal | #      | 45  |
| 11) Tert butyl alcohol        | 5.500  | 59  | 2135    | 6.310     | ug/l # | 73  |
| 14) Allyl chloride            | 5.271  | 41  | 4070    | 1.242     | ug/l # | 21  |
| 15) Acrylonitrile             | 5.806  | 53  | 391     | 0.399     | ug/l # | 17  |
| 16) Acetone                   | 4.430  | 43  | 6367    | 5.812     | ug/l   | 90  |
| 18) Methyl Acetate            | 5.018  | 43  | 2347    | Below Cal | #      | 66  |
| 20) Methylene Chloride        | 5.271  | 84  | 739     | 0.328     | ug/l # | 55  |
| 25) 2-Butanone                | 7.477  | 43  | 3305    | 2.763     | ug/l   | 90  |
| 29) Tetrahydrofuran           | 7.994  | 42  | 240     | 0.302     | ug/l # | 1   |
| 31) Cyclohexane               | 8.247  | 56  | 17022   | 4.810     | ug/l # | 92  |
| 36) 1,1-Dichloropropene       | 8.218  | 75  | 14254   | 4.901     | ug/l # | 49  |
| 38) Carbon Tetrachloride      | 8.224  | 117 | 19153   | 5.892     | ug/l # | 16  |
| 39) Methylcyclohexane         | 9.600  | 83  | 16168   | 5.465     | ug/l   | 96  |
| 40) Benzene                   | 8.600  | 78  | 119919  | 12.840    | ug/l   | 97  |
| 41) Methacrylonitrile         | 7.818  | 41  | 362     | 0.255     | ug/l # | 24  |
| 43) Isopropyl Acetate         | 8.694  | 43  | 48168   | 9.092     | ug/l # | 70  |
| 47) Bromodichloromethane      | 9.865  | 83  | 863     | 0.265     | ug/l # | 24  |
| 48) Methyl methacrylate       | 9.741  | 41  | 15323   | 7.462     | ug/l # | 42  |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43  | 726     | 0.289     | ug/l   | 92  |
| 52) Toluene                   | 10.629 | 92  | 15199   | 2.783     | ug/l   | 99  |
| 54) cis-1,3-Dichloropropene   | 10.353 | 75  | 5466    | 1.531     | ug/l # | 66  |
| 55) 1,1,2-Trichloroethane     | 11.000 | 97  | 2528    | 1.229     | ug/l # | 15  |
| 59) 2-Hexanone                | 11.170 | 43  | 12700   | 6.937     | ug/l # | 24  |
| 67) Ethyl Benzene             | 11.965 | 91  | 1738316 | 166.287   | ug/l   | 100 |
| 68) m/p-Xylenes               | 12.065 | 106 | 58014   | 14.659    | ug/l   | 100 |
| 69) o-Xylene                  | 12.394 | 106 | 9625    | 2.600     | ug/l   | 95  |
| 71) Bromoform                 | 12.847 | 173 | 1079    | 0.658     | ug/l # | 1   |
| 73) Isopropylbenzene          | 12.694 | 105 | 226754  | 23.868    | ug/l   | 100 |
| 76) 1,2,3-Trichloropropane    | 13.041 | 75  | 2662    | 0.982     | ug/l # | 1   |
| 78) n-propylbenzene           | 13.035 | 91  | 377146  | 33.877    | ug/l   | 99  |
| 79) 2-Chlorotoluene           | 13.170 | 91  | 19269   | 2.649     | ug/l # | 43  |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105 | 172862  | 21.953    | ug/l   | 100 |
| 81) trans-1,4-Dichloro-2-b... | 12.700 | 75  | 2922    | 2.558     | ug/l # | 61  |
| 82) 4-Chlorotoluene           | 13.170 | 91  | 19269   | 2.517     | ug/l # | 43  |
| 83) tert-Butylbenzene         | 13.482 | 119 | 9496    | 1.457     | ug/l # | 65  |

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Sample : P4739-12DL 4X  
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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

Quant Time: Nov 08 22:36:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration

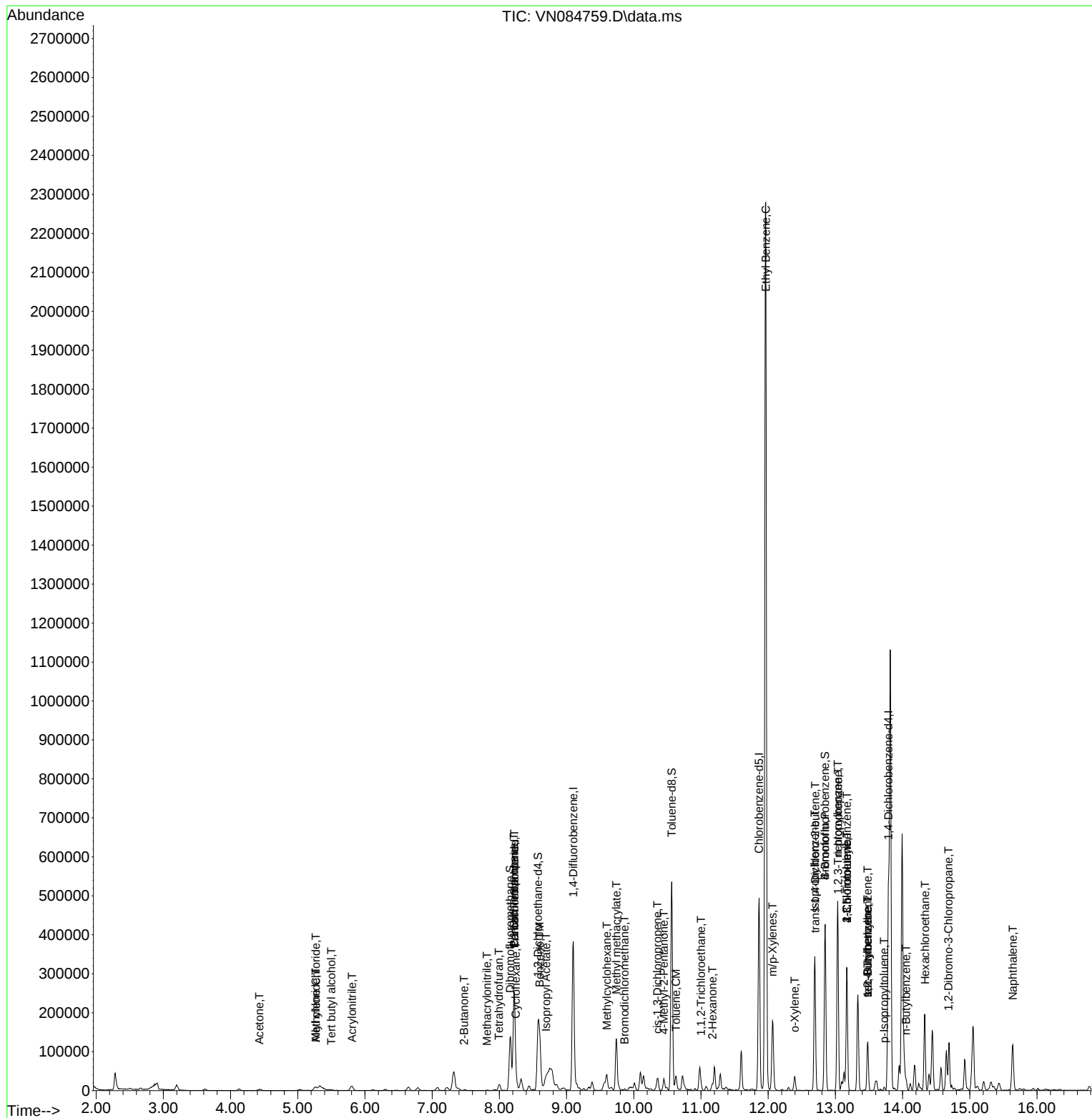
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 71117    | 8.751  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.482 | 105  | 71117    | 7.726  | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 5291     | 0.701  | ug/l # | 72       |
| 89) n-Butylbenzene            | 14.053 | 91   | 13435    | 1.902  | ug/l # | 82       |
| 90) Hexachloroethane          | 14.335 | 117  | 10506    | 6.240  | ug/l # | 15       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.682 | 75   | 467      | 0.727  | ug/l # | 5        |
| 95) Naphthalene               | 15.641 | 128  | 112206   | 14.299 | ug/l   | 99       |

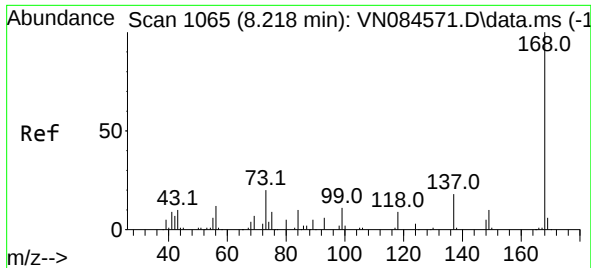
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 08 22:36:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration

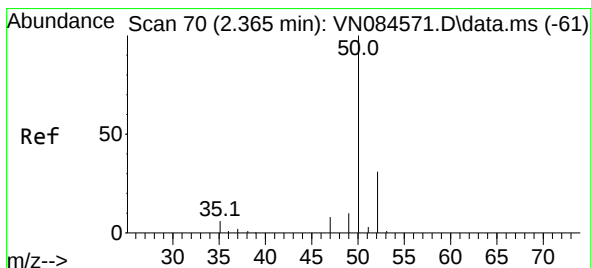
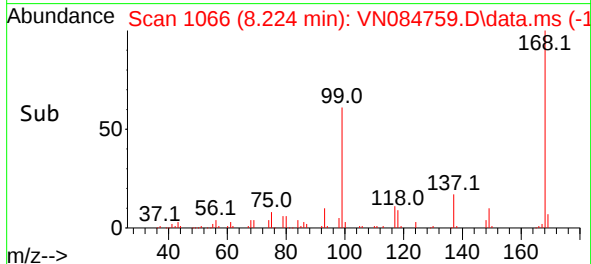
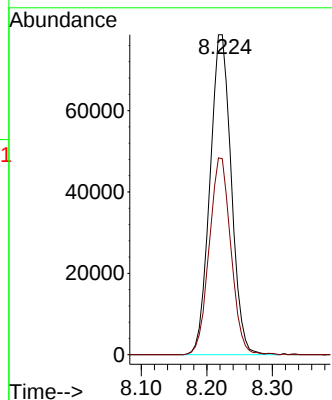
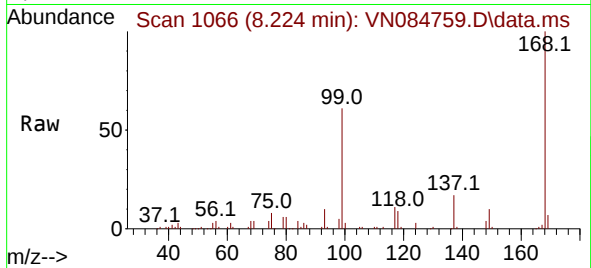




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

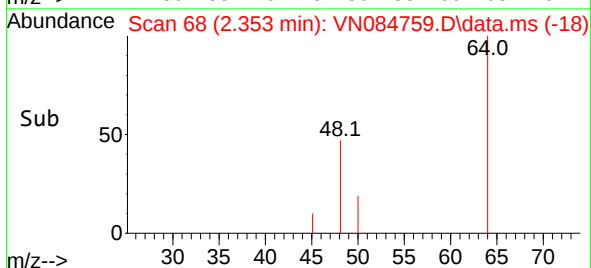
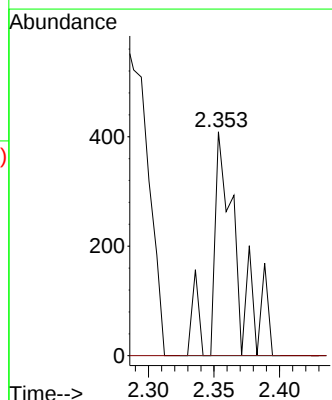
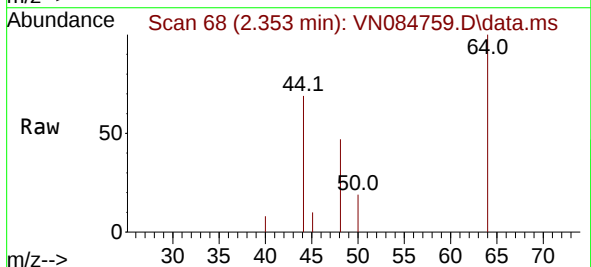
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

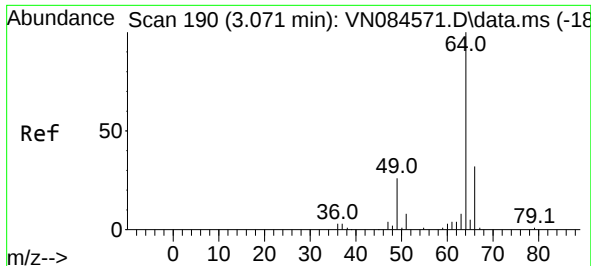
Tgt Ion:168 Resp: 177486  
Ion Ratio Lower Upper  
168 100  
99 61.3 54.2 81.2



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.353 min Scan# 68  
Delta R.T. -0.006 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 50 Resp: 527  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.8 40.2#

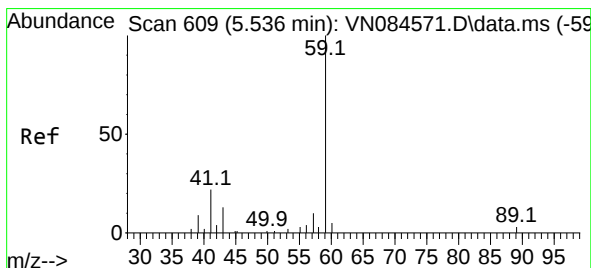
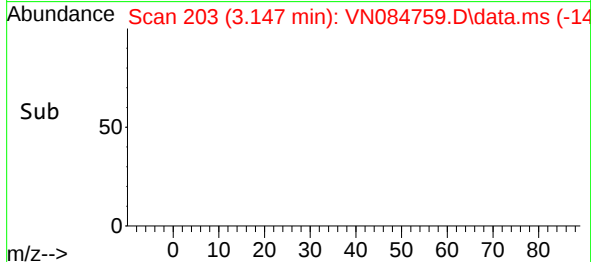
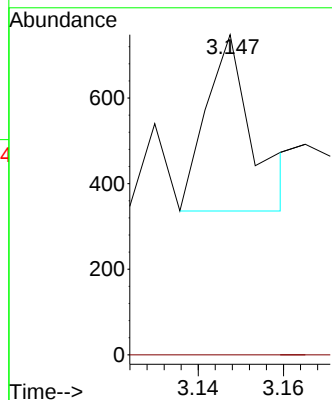
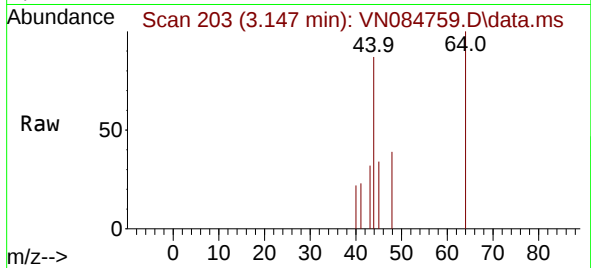




#6  
Chloroethane  
Concen: Below Cal  
RT: 3.147 min Scan# 203  
Delta R.T. 0.029 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

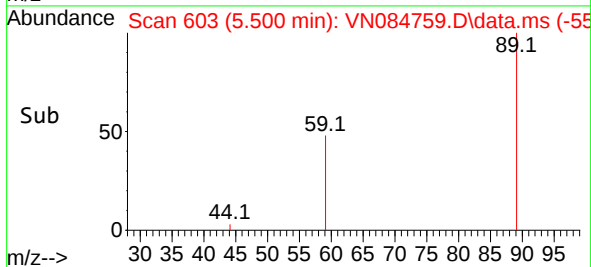
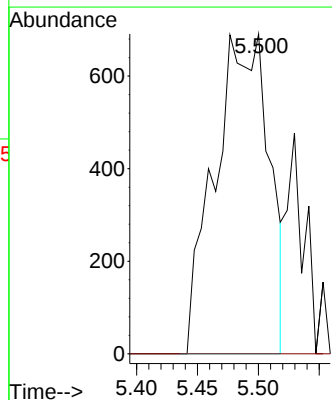
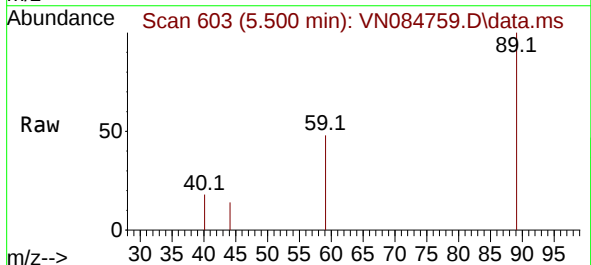
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

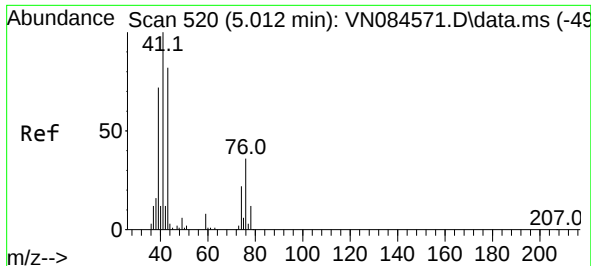
Tgt Ion: 64 Resp: 314  
Ion Ratio Lower Upper  
64 100  
66 0.0 23.5 35.3#



#11  
Tert butyl alcohol  
Concen: 6.310 ug/l  
RT: 5.500 min Scan# 603  
Delta R.T. -0.024 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 59 Resp: 2135  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#

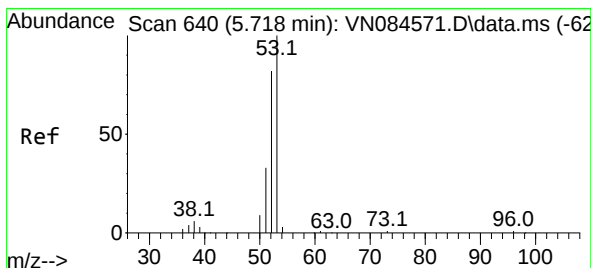
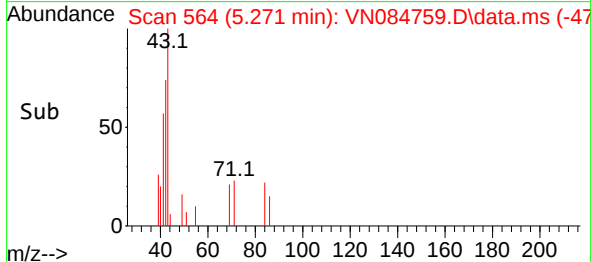
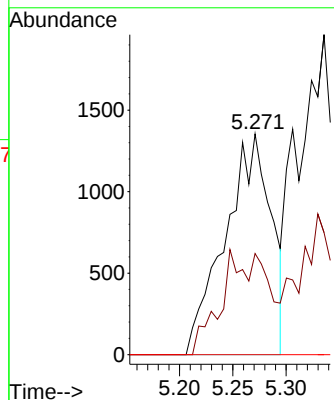
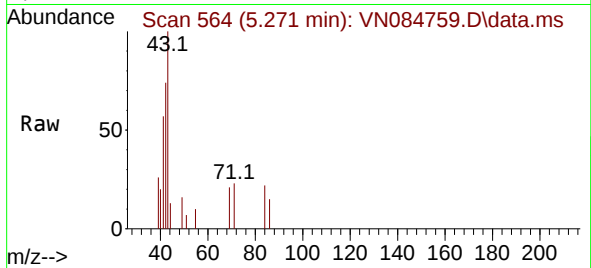




#14  
 Allyl chloride  
 Concen: 1.242 ug/l  
 RT: 5.271 min Scan# 50  
 Delta R.T. 0.247 min  
 Lab File: VN084759.D  
 Acq: 08 Nov 2024 18:56

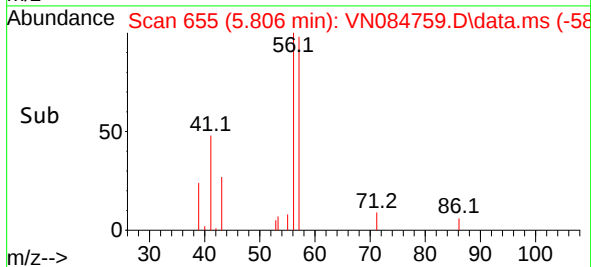
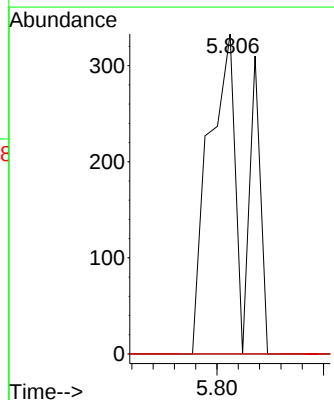
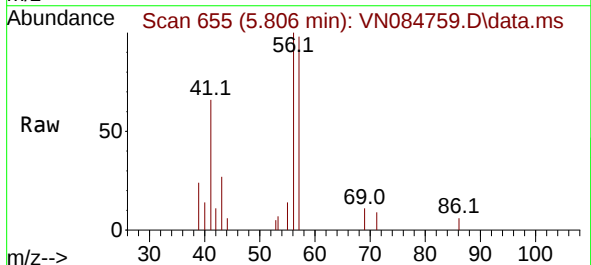
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-B2

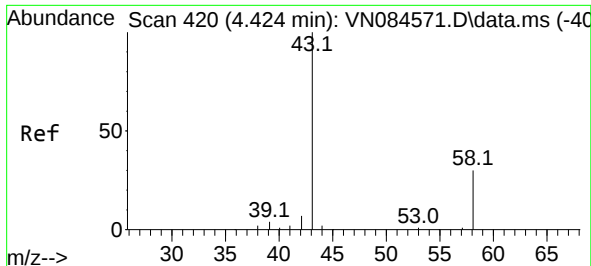
Tgt Ion: 41 Resp: 4070  
 Ion Ratio Lower Upper  
 41 100  
 39 0.0 59.0 88.6#  
 76 0.0 29.8 44.6#



#15  
 Acrylonitrile  
 Concen: 0.399 ug/l  
 RT: 5.806 min Scan# 655  
 Delta R.T. 0.088 min  
 Lab File: VN084759.D  
 Acq: 08 Nov 2024 18:56

Tgt Ion: 53 Resp: 391  
 Ion Ratio Lower Upper  
 53 100  
 52 0.0 66.2 99.4#  
 51 0.0 28.8 43.2#

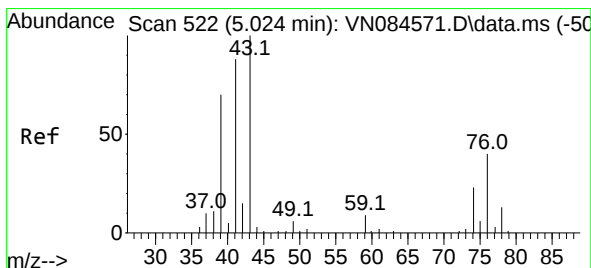
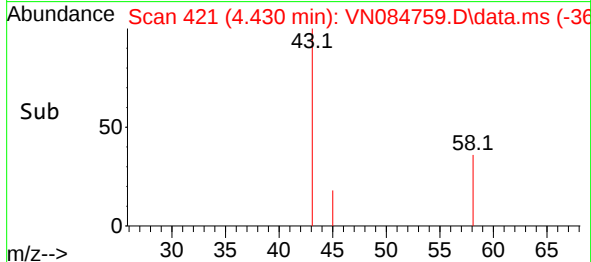
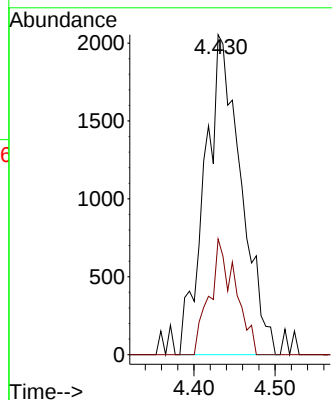
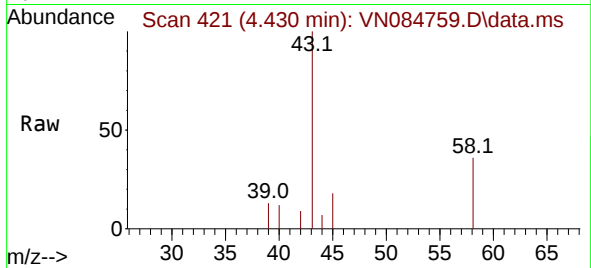




#16  
Acetone  
Concen: 5.812 ug/l  
RT: 4.430 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

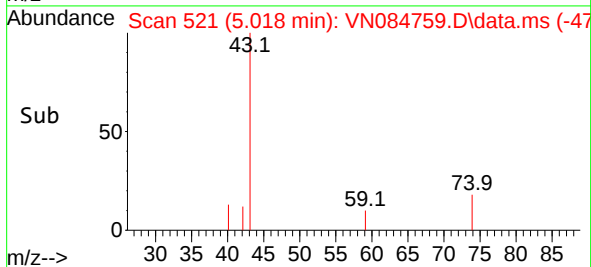
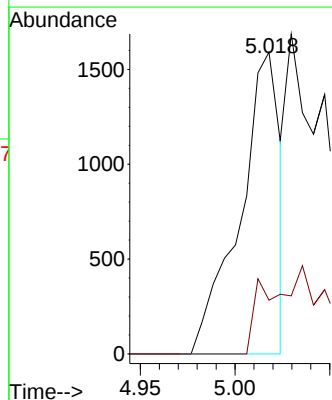
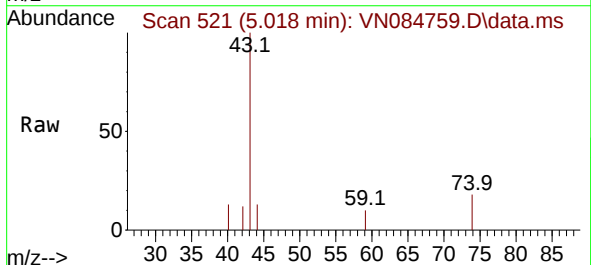
Instrument :  
MSVOA\_N  
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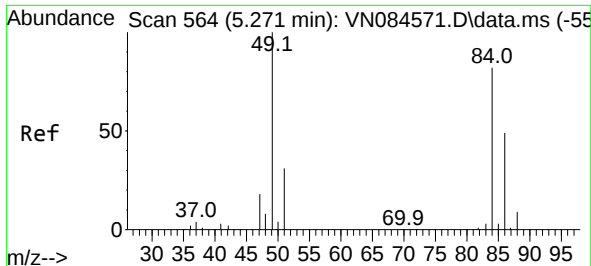
Tgt Ion: 43 Resp: 6367  
Ion Ratio Lower Upper  
43 100  
58 36.1 24.4 36.6



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

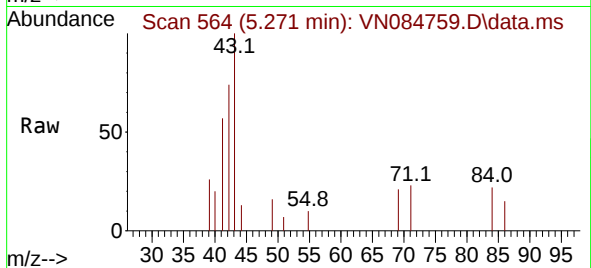
Tgt Ion: 43 Resp: 2347  
Ion Ratio Lower Upper  
43 100  
74 40.7 19.2 28.8#



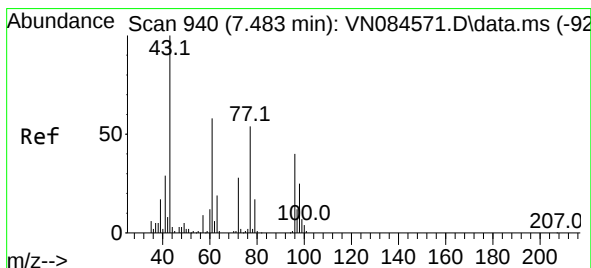
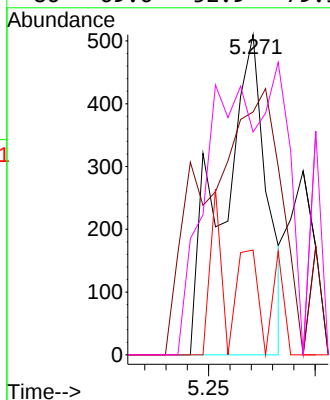
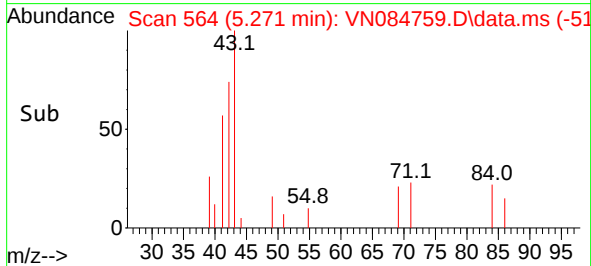


#20  
Methylene Chloride  
Concen: 0.328 ug/l  
RT: 5.271 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

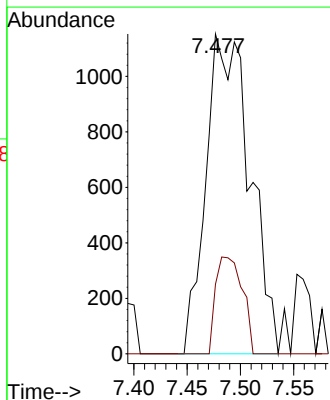
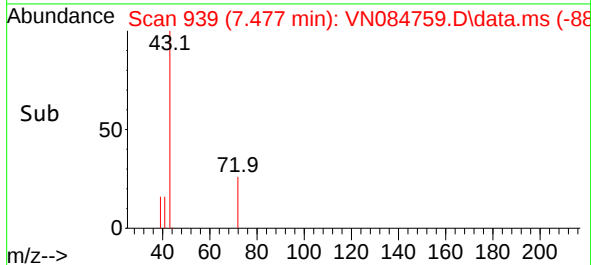
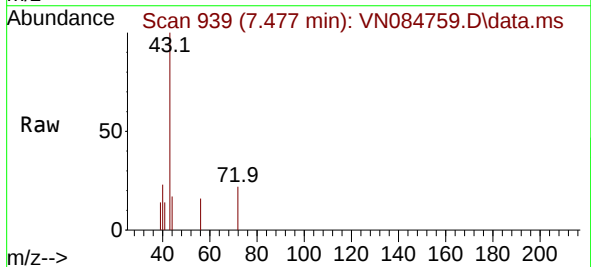


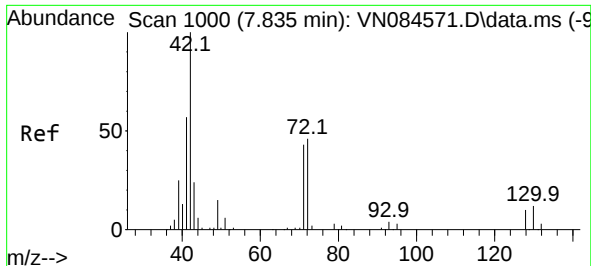
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|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 739    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 44.1  | 107.2 | 160.8# |
| 51       | 32.7  | 31.8  | 47.8   |
| 86       | 69.6  | 52.9  | 79.3   |



#25  
2-Butanone  
Concen: 2.763 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. -0.006 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3305  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 21.8  | 21.4  | 32.2  |





#29

Tetrahydrofuran

Concen: 0.302 ug/l

RT: 7.994 min Scan# 10

Delta R.T. 0.159 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

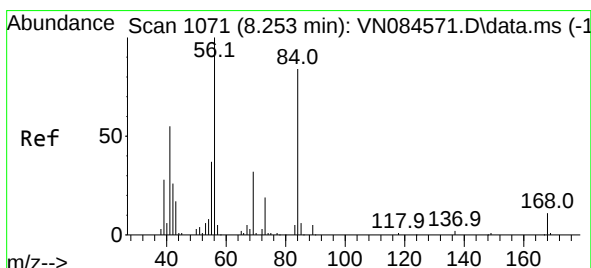
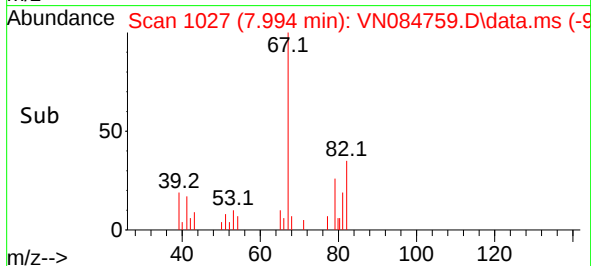
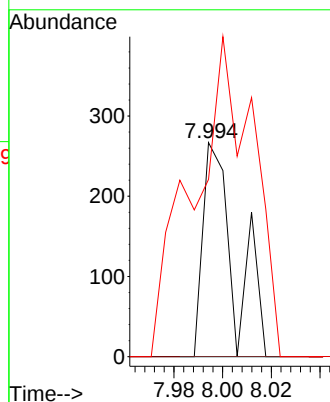
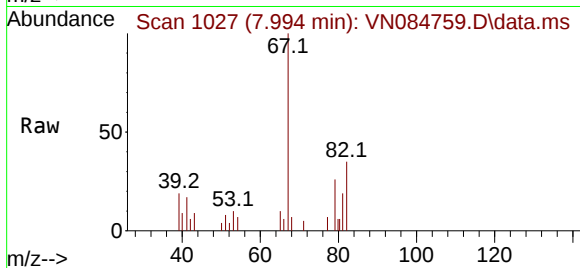
Instrument :

MSVOA\_N

ClientSampleId :

BP-B2

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 240   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 34.6  | 51.8# |
| 71       | 284.6 | 32.2  | 48.4# |



#31

Cyclohexane

Concen: 4.810 ug/l

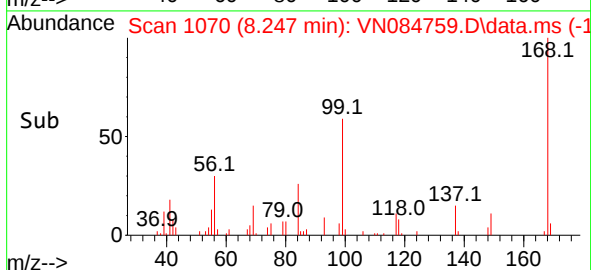
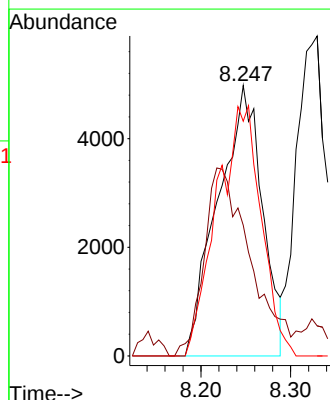
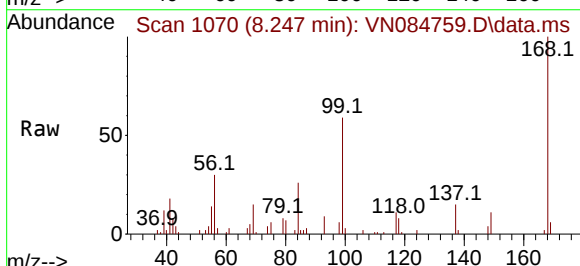
RT: 8.247 min Scan# 1070

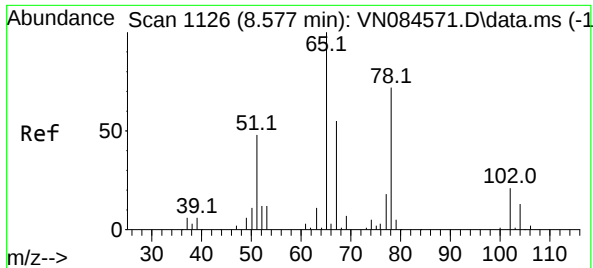
Delta R.T. -0.006 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 17022 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 44.6  | 23.8  | 35.6# |
| 84       | 86.8  | 68.8  | 103.2 |





#33

1,2-Dichloroethane-d4

Concen: 48.572 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

Instrument :

MSVOA\_N

ClientSampleId :

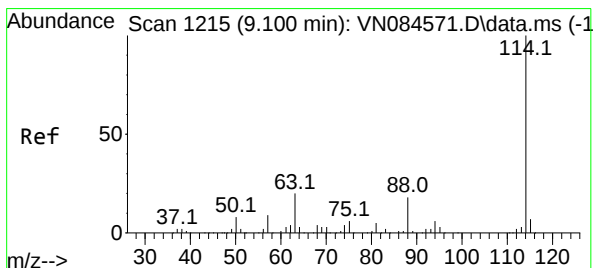
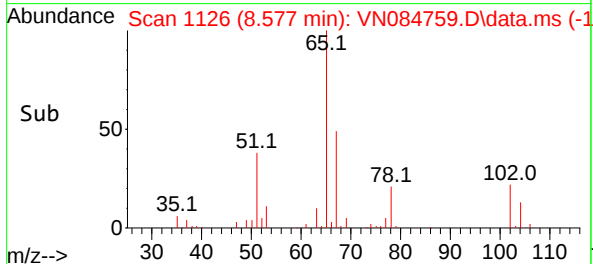
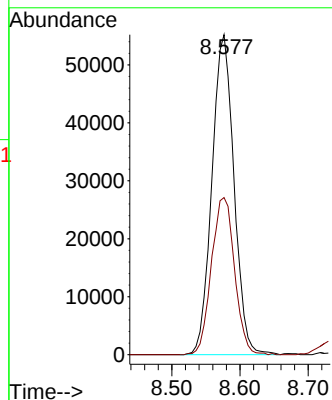
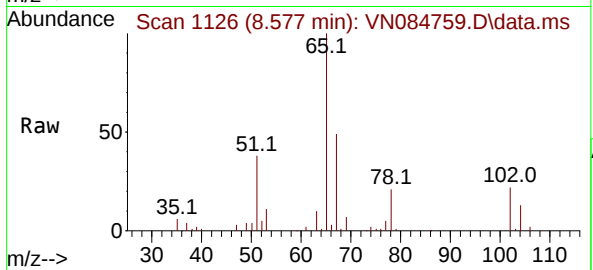
BP-B2

Tgt Ion: 65 Resp: 124513

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

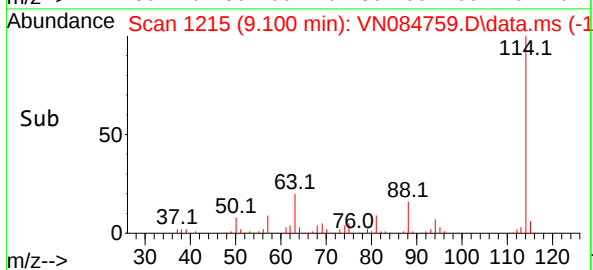
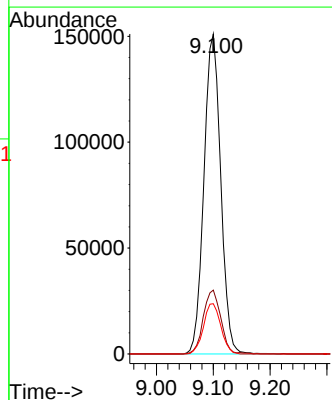
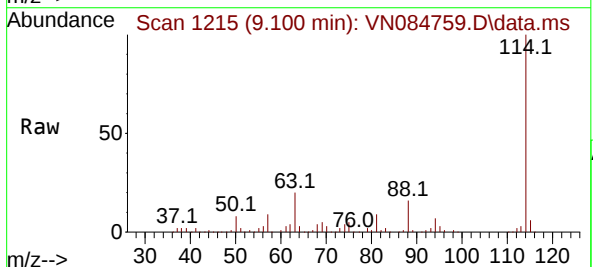
Tgt Ion: 114 Resp: 309786

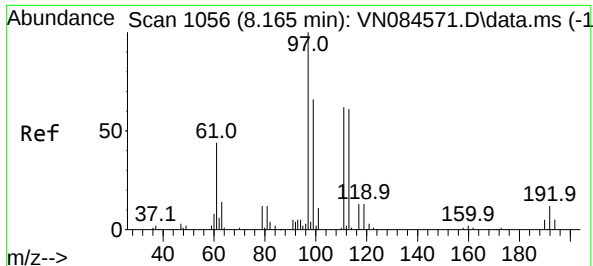
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.8

88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.196 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084759.D

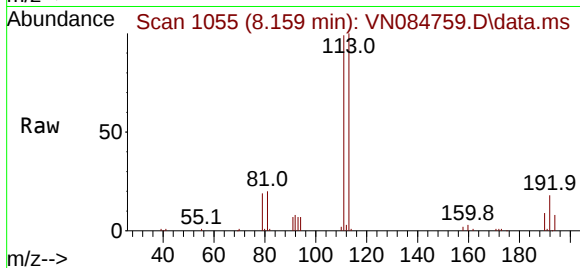
Acq: 08 Nov 2024 18:56

Instrument :

MSVOA\_N

ClientSampleId :

BP-B2



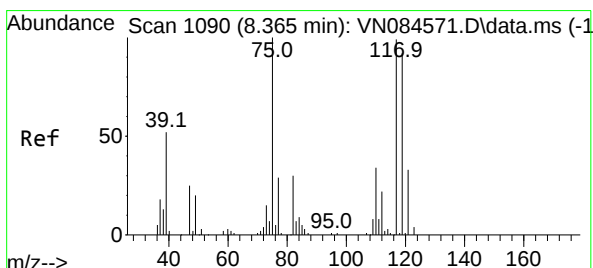
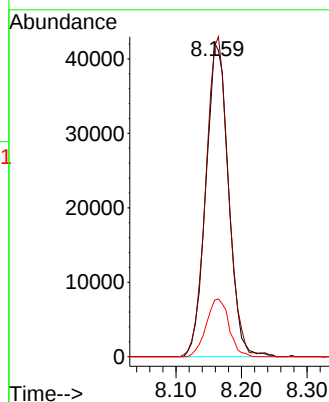
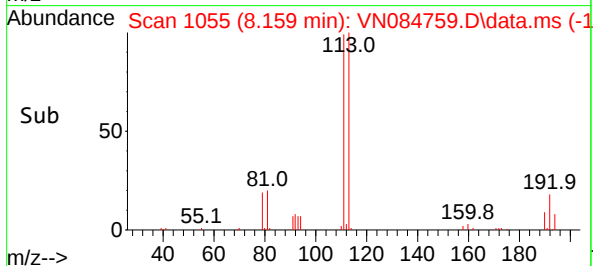
Tgt Ion:113 Resp: 101062

Ion Ratio Lower Upper

113 100

111 101.8 83.3 124.9

192 18.4 13.5 20.3



#36

1,1-Dichloropropene

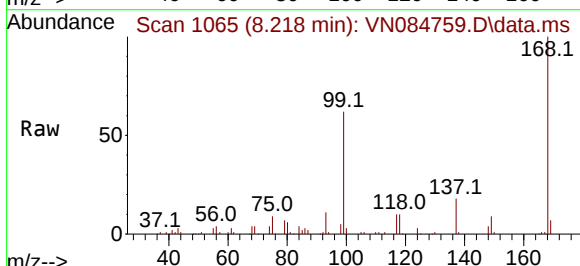
Concen: 4.901 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56



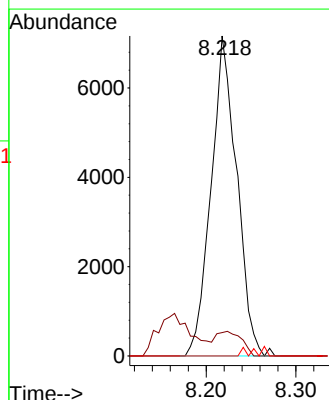
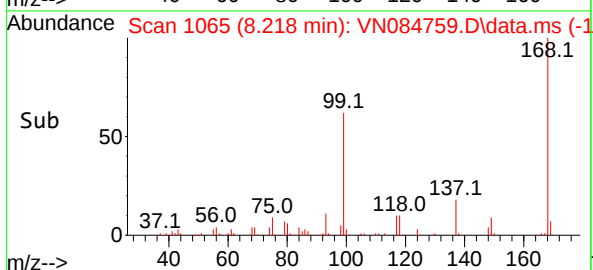
Tgt Ion: 75 Resp: 14254

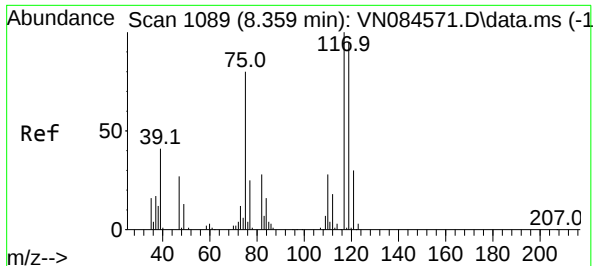
Ion Ratio Lower Upper

75 100

110 7.5 16.9 50.7#

77 0.0 24.7 37.1#

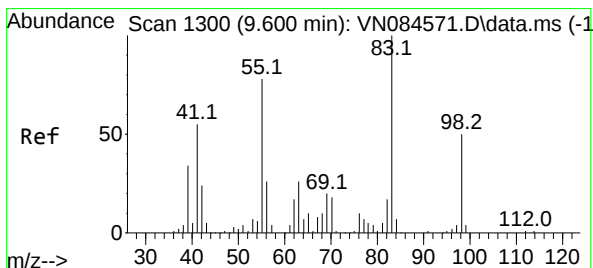
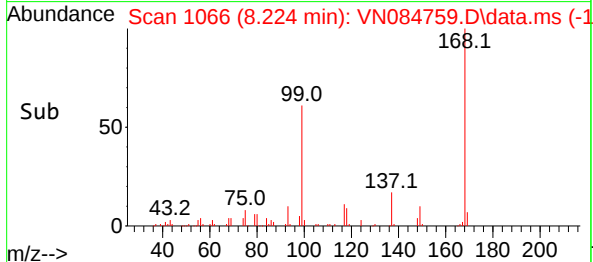
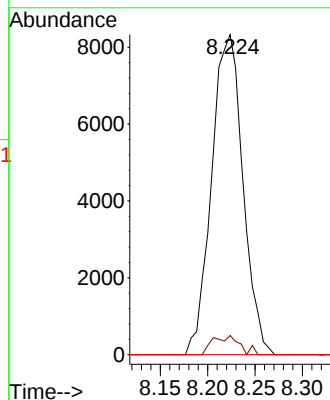
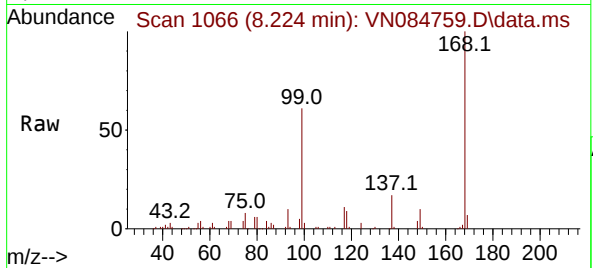




#38  
Carbon Tetrachloride  
Concen: 5.892 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.135 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

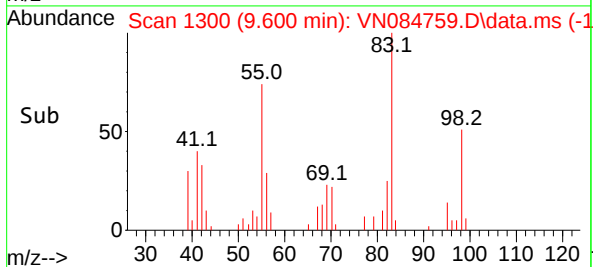
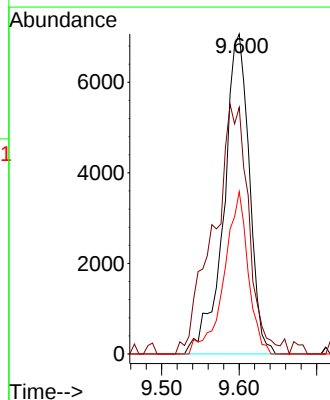
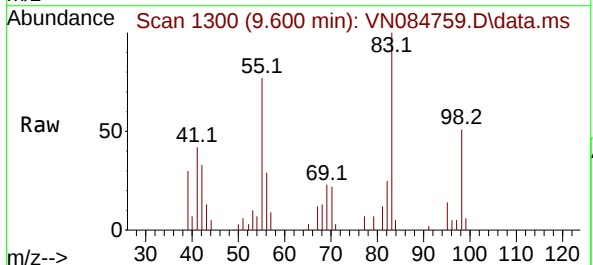
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

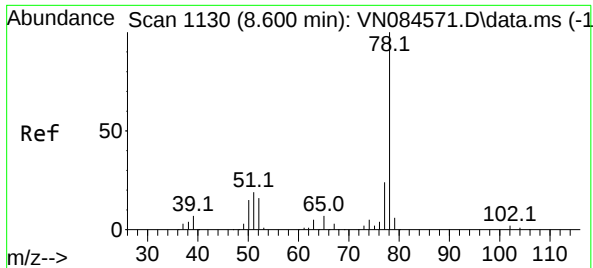
Tgt Ion: 117 Resp: 19153  
Ion Ratio Lower Upper  
117 100  
119 6.0 78.7 118.1#  
121 0.0 24.4 36.6#



#39  
Methylcyclohexane  
Concen: 5.465 ug/l  
RT: 9.600 min Scan# 1300  
Delta R.T. -0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 83 Resp: 16168  
Ion Ratio Lower Upper  
83 100  
55 74.5 62.8 94.2  
98 50.7 38.8 58.2

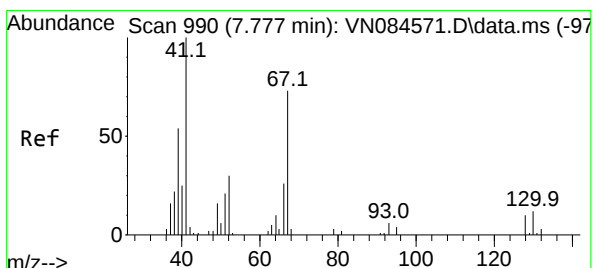
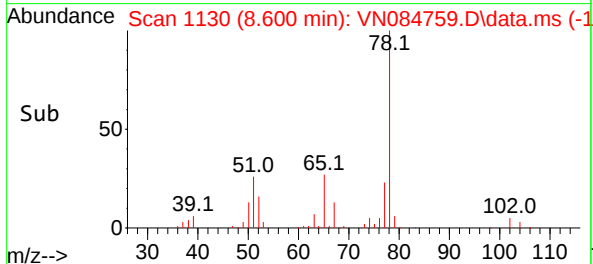
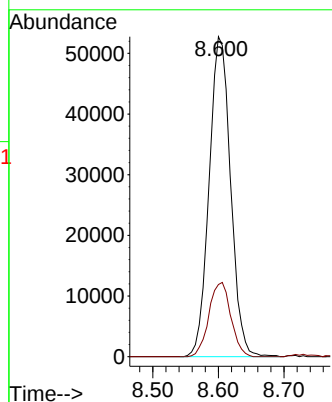
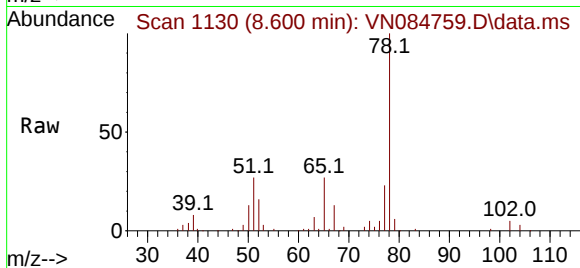




#40  
Benzene  
Concen: 12.840 ug/l  
RT: 8.600 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

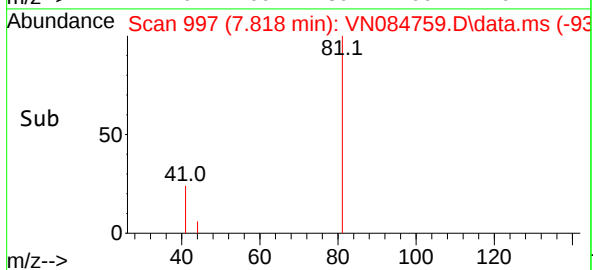
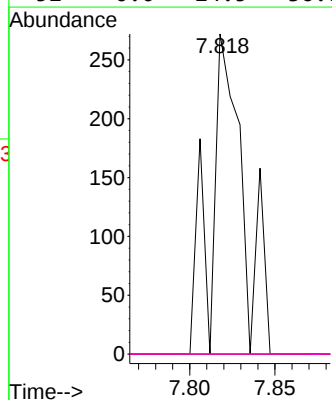
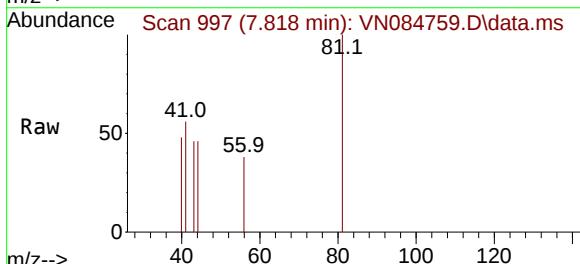
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

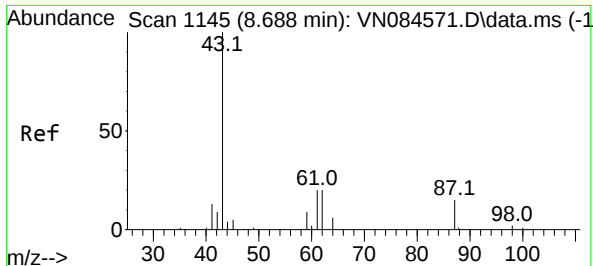
Tgt Ion: 78 Resp: 119919  
Ion Ratio Lower Upper  
78 100  
77 22.5 19.1 28.7



#41  
Methacrylonitrile  
Concen: 0.255 ug/l  
RT: 7.818 min Scan# 997  
Delta R.T. 0.041 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 41 Resp: 362  
Ion Ratio Lower Upper  
41 100  
39 0.0 43.3 64.9#  
67 0.0 56.1 84.1#  
52 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 9.092 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

Instrument :

MSVOA\_N

ClientSampleId :

BP-B2

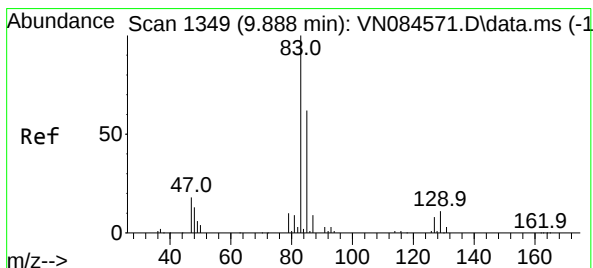
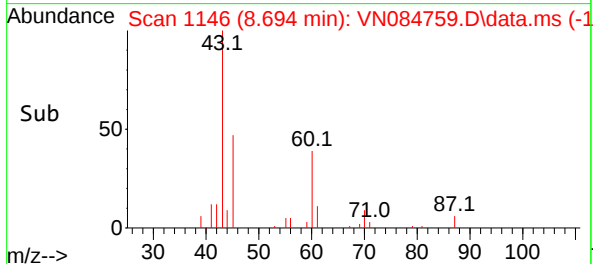
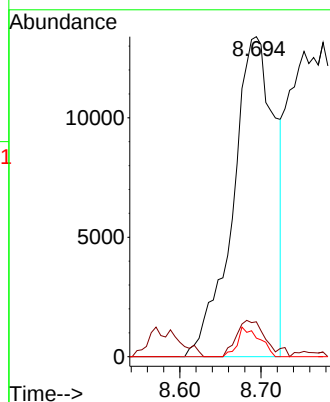
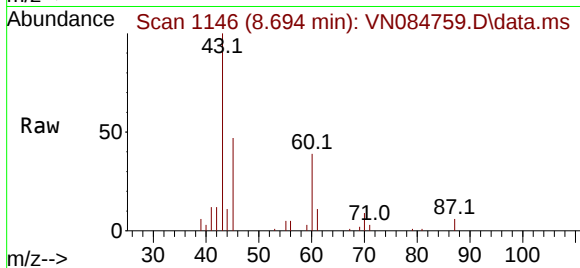
Tgt Ion: 43 Resp: 48168

Ion Ratio Lower Upper

43 100

61 7.9 20.4 30.6#

87 4.8 10.3 15.5#



#47

Bromodichloromethane

Concen: 0.265 ug/l

RT: 9.865 min Scan# 1345

Delta R.T. -0.024 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

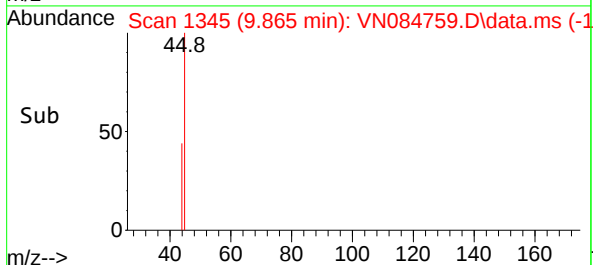
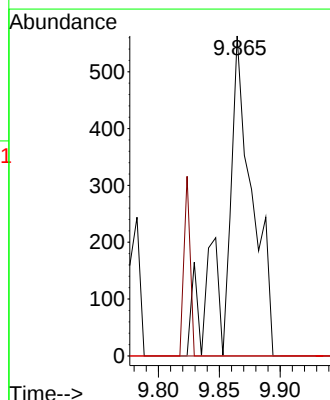
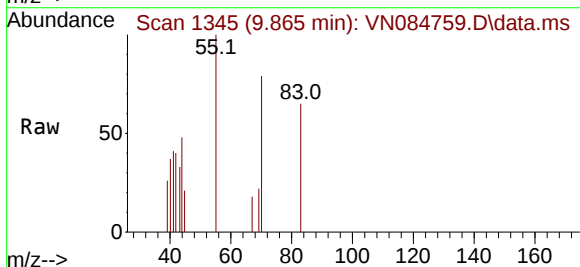
Tgt Ion: 83 Resp: 863

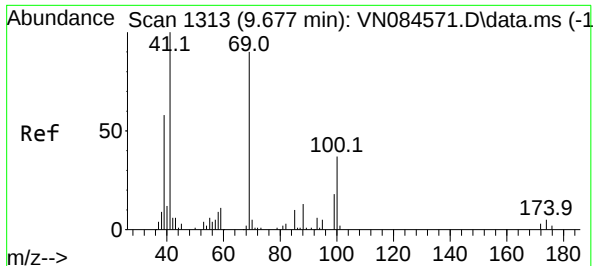
Ion Ratio Lower Upper

83 100

85 0.0 51.5 77.3#

127 0.0 5.7 8.5#

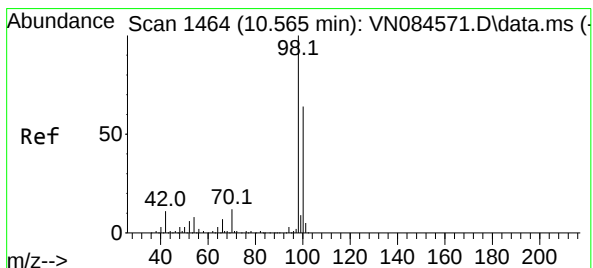
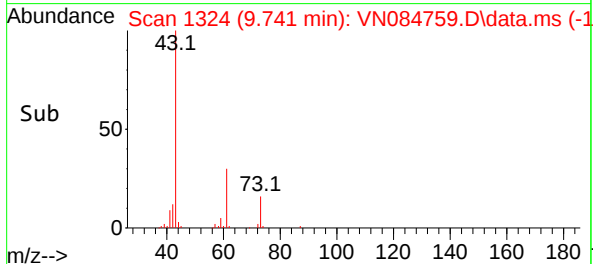
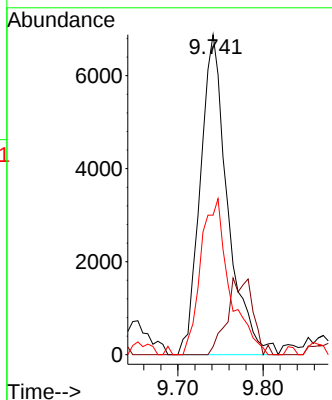
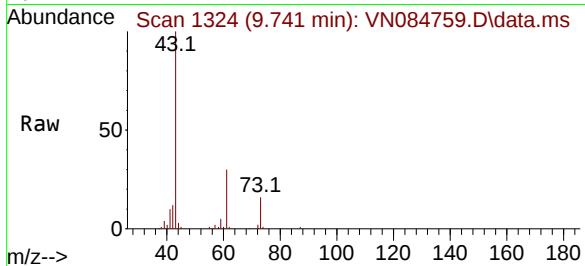




#48  
Methyl methacrylate  
Concen: 7.462 ug/l  
RT: 9.741 min Scan# 11  
Delta R.T. 0.065 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

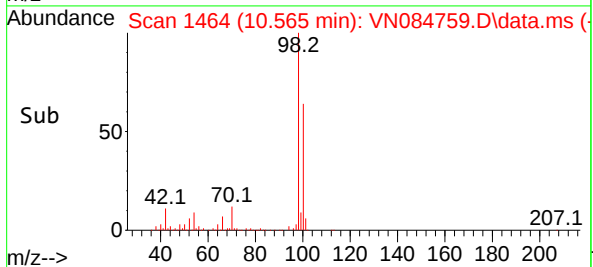
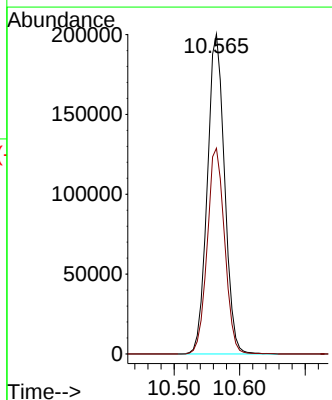
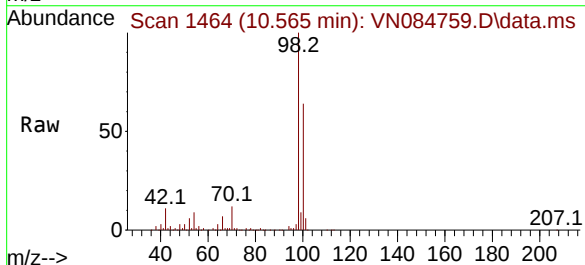
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

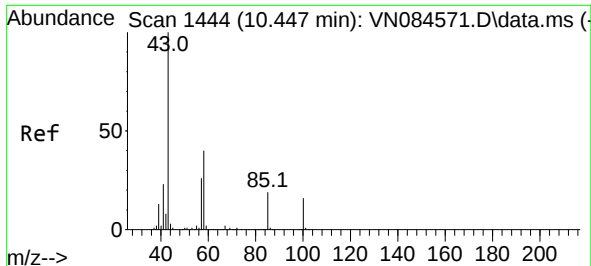
Tgt Ion: 41 Resp: 15323  
Ion Ratio Lower Upper  
41 100  
69 0.0 67.1 100.7#  
39 51.4 45.8 68.6



#50  
Toluene-d8  
Concen: 47.303 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 98 Resp: 365379  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.7 79.1

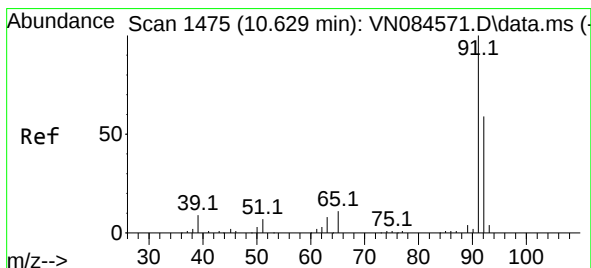
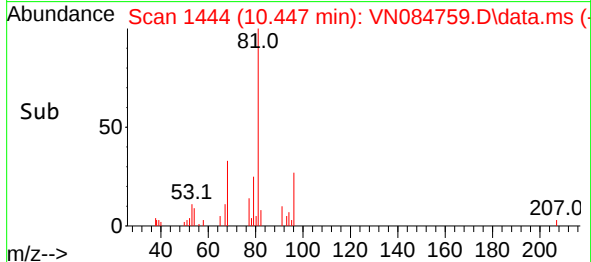
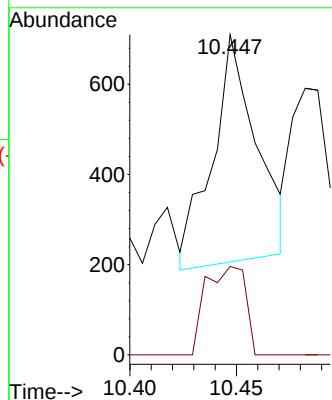
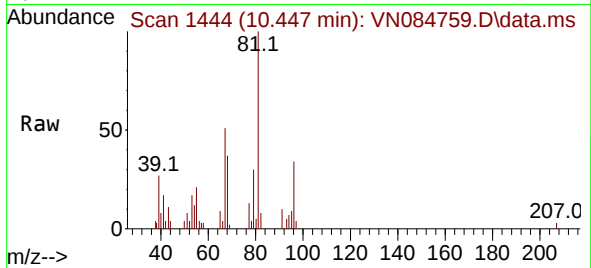




#51  
4-Methyl-2-Pentanone  
Concen: 0.289 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

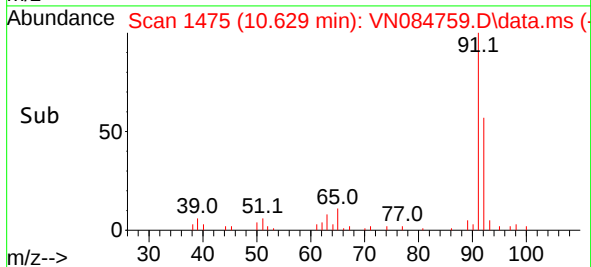
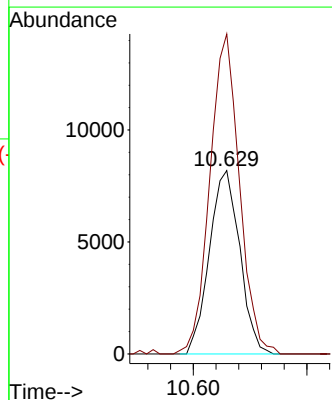
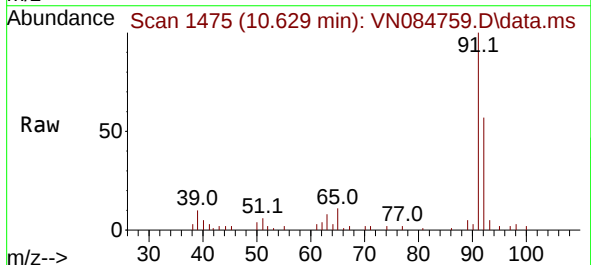
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

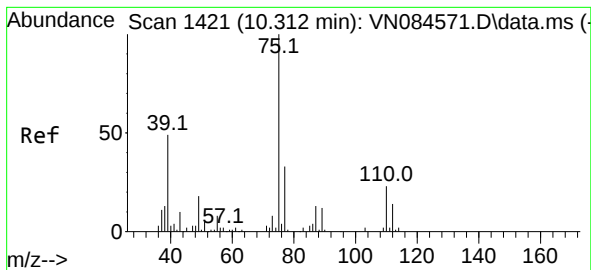
Tgt Ion: 43 Resp: 726  
Ion Ratio Lower Upper  
43 100  
58 34.8 31.6 47.4



#52  
Toluene  
Concen: 2.783 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 92 Resp: 15199  
Ion Ratio Lower Upper  
92 100  
91 170.0 137.3 205.9

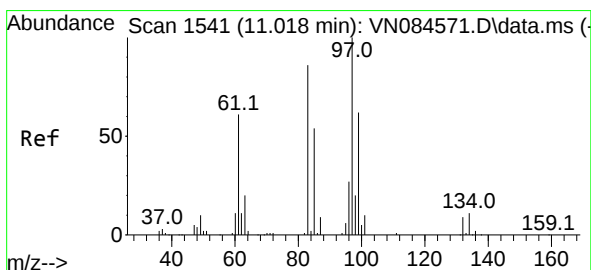
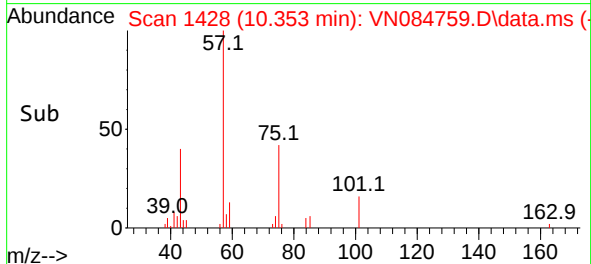
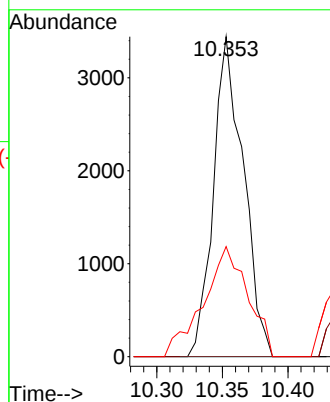
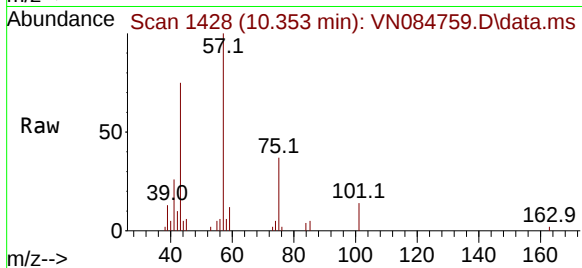




#54  
cis-1,3-Dichloropropene  
Concen: 1.531 ug/l  
RT: 10.353 min Scan# 1428  
Delta R.T. 0.041 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

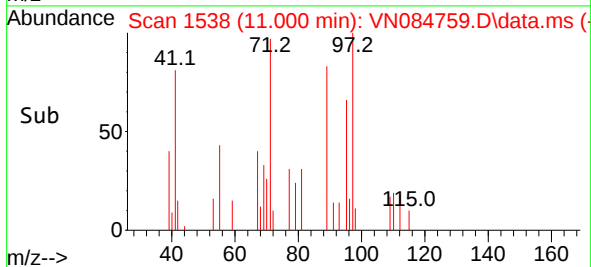
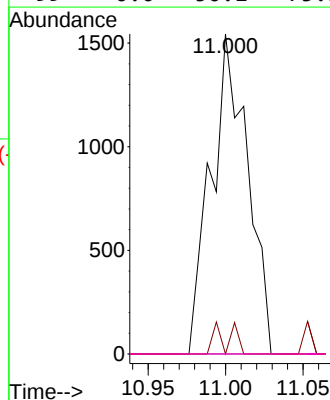
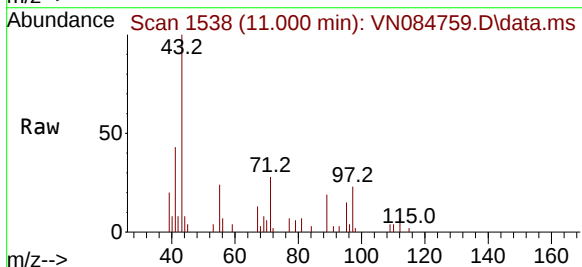
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

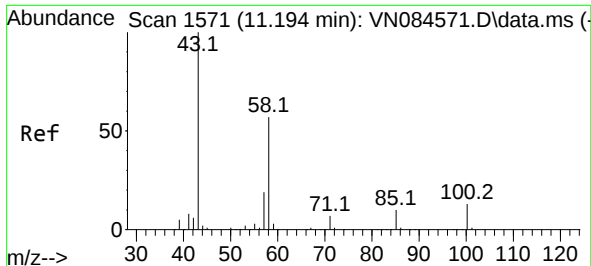
Tgt Ion: 75 Resp: 5466  
Ion Ratio Lower Upper  
75 100  
77 0.0 24.2 36.2#  
39 34.4 38.7 58.1#



#55  
1,1,2-Trichloroethane  
Concen: 1.229 ug/l  
RT: 11.000 min Scan# 1538  
Delta R.T. -0.012 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 97 Resp: 2528  
Ion Ratio Lower Upper  
97 100  
83 0.0 71.0 106.4#  
85 0.0 41.7 62.5#  
99 0.0 50.1 75.1#

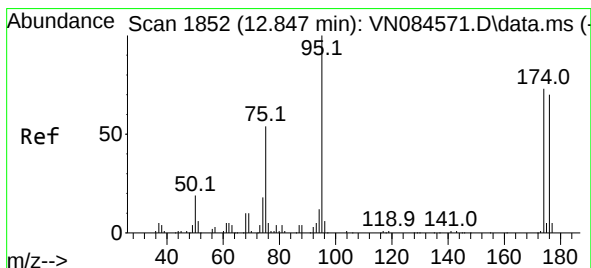
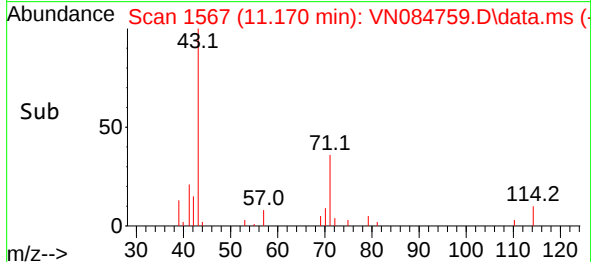
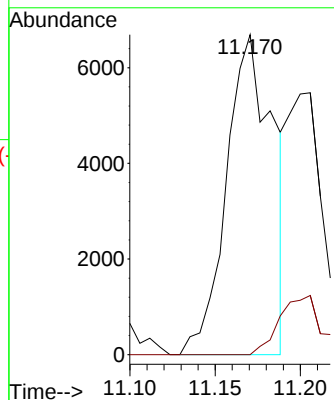
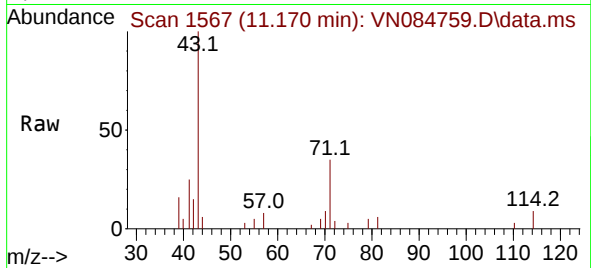




#59  
2-Hexanone  
Concen: 6.937 ug/l  
RT: 11.170 min Scan# 1567  
Delta R.T. -0.024 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

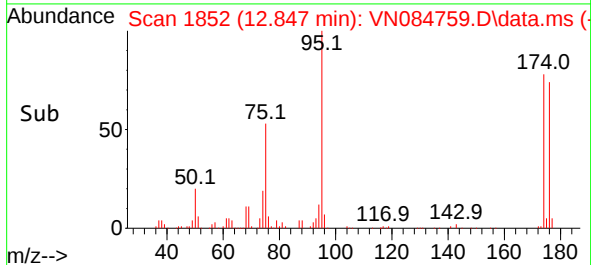
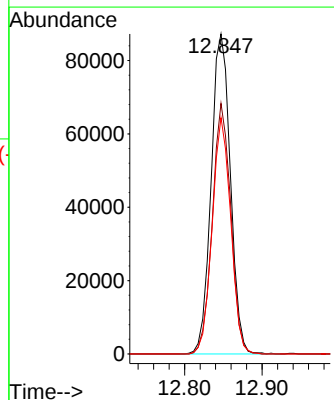
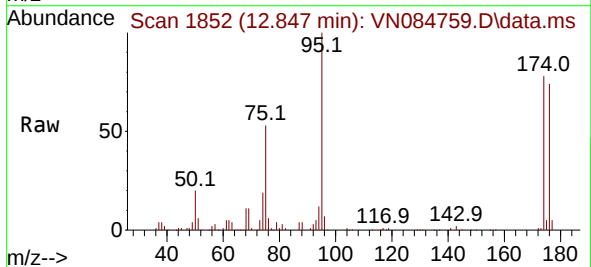
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

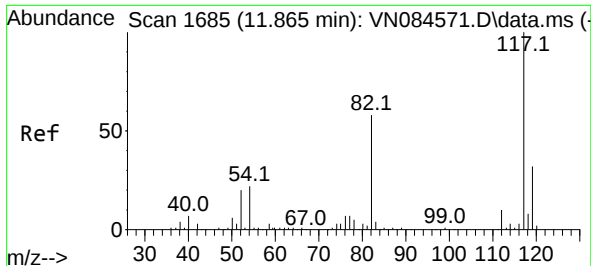
Tgt Ion: 43 Resp: 12700  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.3 81.8#



#62  
4-Bromofluorobenzene  
Concen: 52.091 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 95 Resp: 150375  
Ion Ratio Lower Upper  
95 100  
174 75.0 0.0 145.2  
176 71.2 0.0 140.0

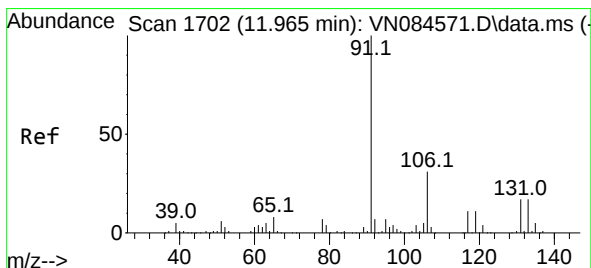
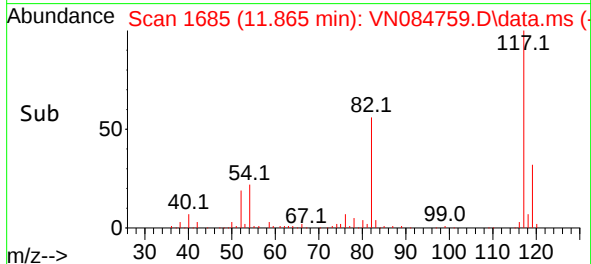
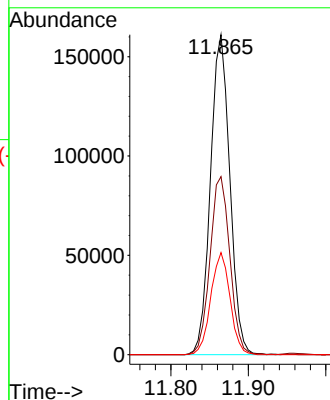
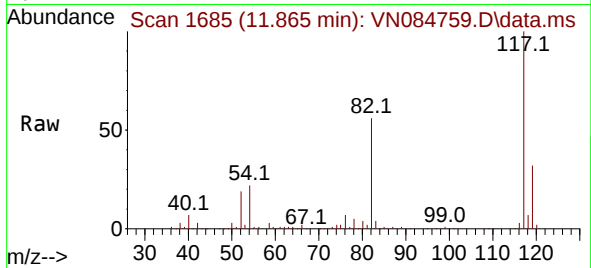




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

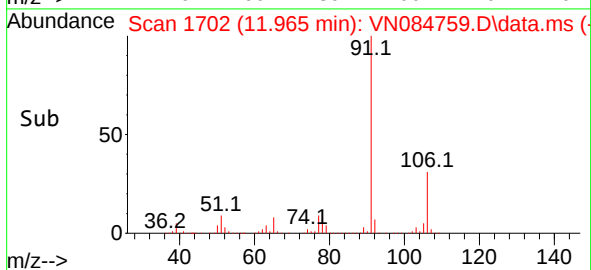
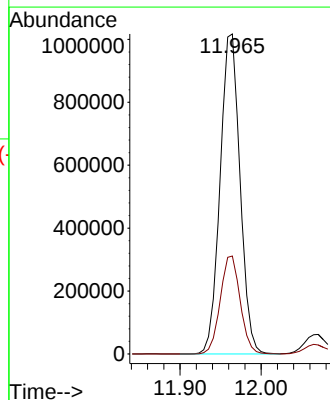
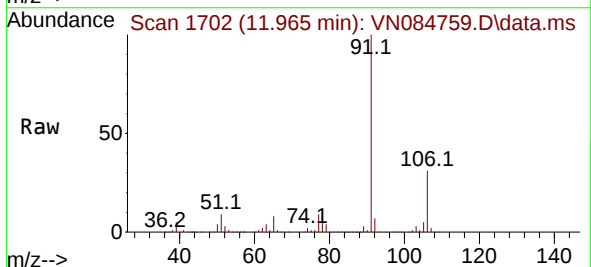
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

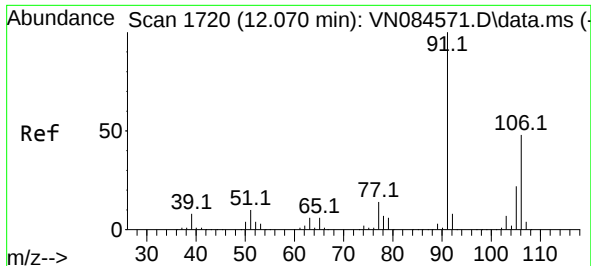
Tgt Ion:117 Resp: 279934  
Ion Ratio Lower Upper  
117 100  
82 55.6 47.2 70.8  
119 31.9 25.4 38.0



#67  
Ethyl Benzene  
Concen: 166.287 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 91 Resp: 1738316  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.5 36.7

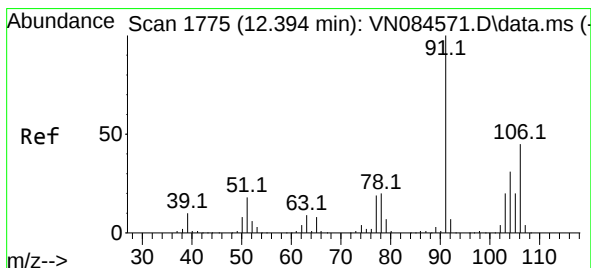
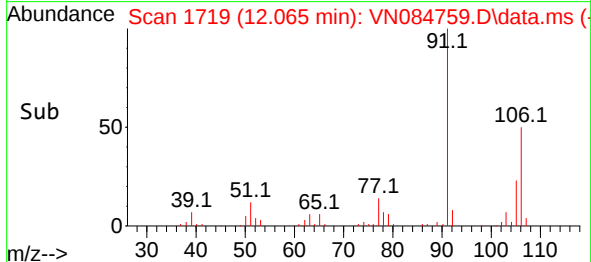
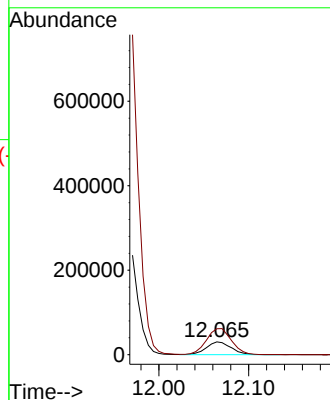
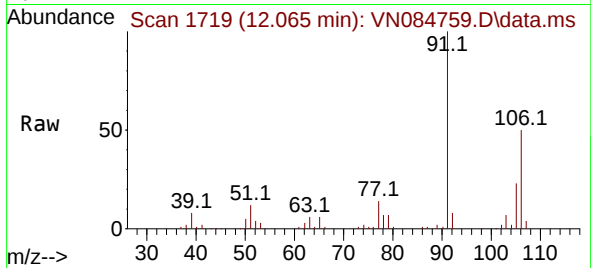




#68  
m/p-Xylenes  
Concen: 14.659 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

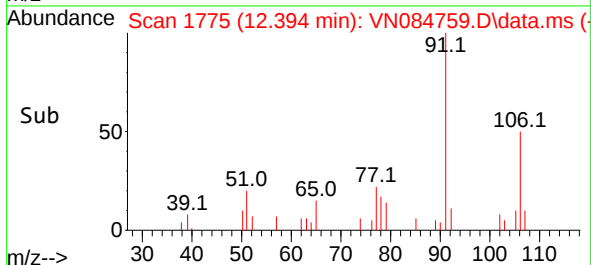
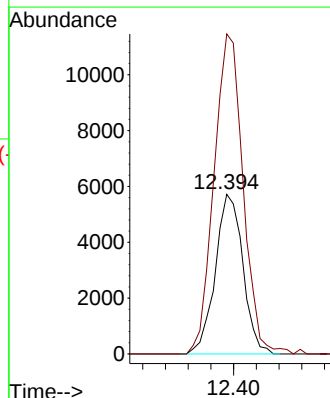
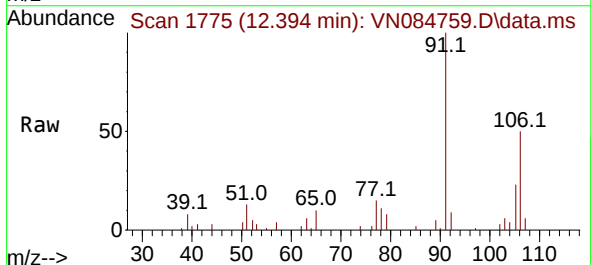
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

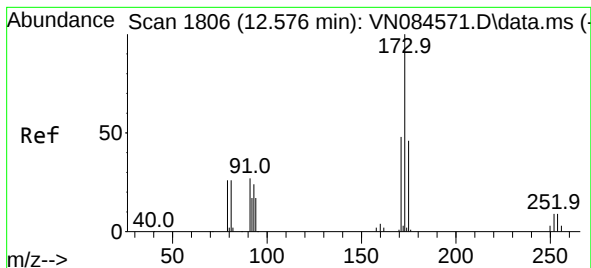
Tgt Ion:106 Resp: 58014  
Ion Ratio Lower Upper  
106 100  
91 208.2 167.1 250.7



#69  
o-Xylene  
Concen: 2.600 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion:106 Resp: 9625  
Ion Ratio Lower Upper  
106 100  
91 212.0 110.2 330.6





#71

Bromoform

Concen: 0.658 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.270 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

Instrument :

MSVOA\_N

ClientSampleId :

BP-B2

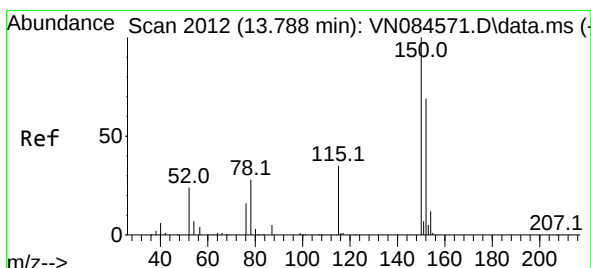
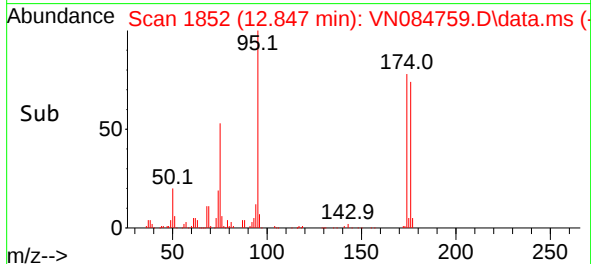
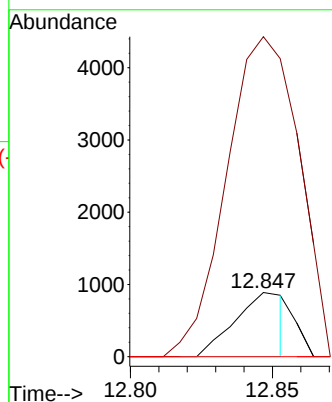
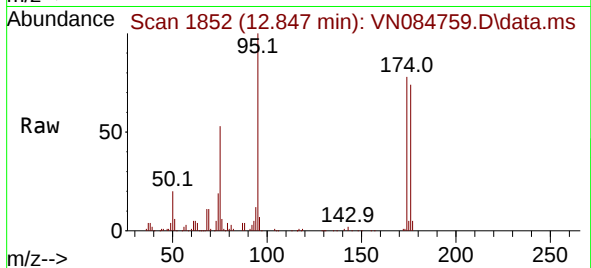
Tgt Ion:173 Resp: 1079

Ion Ratio Lower Upper

173 100

175 577.2 23.5 70.6#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

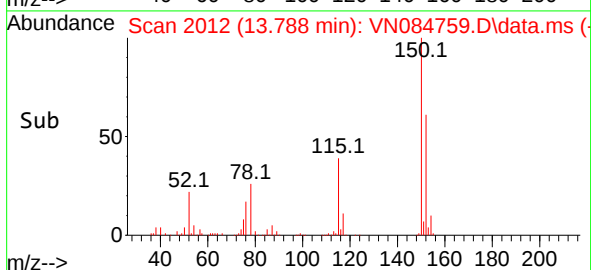
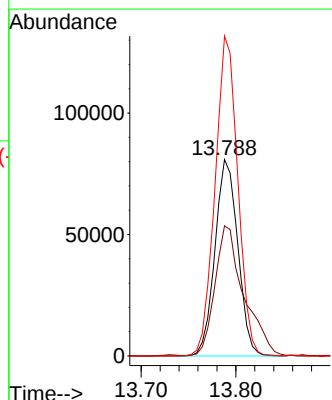
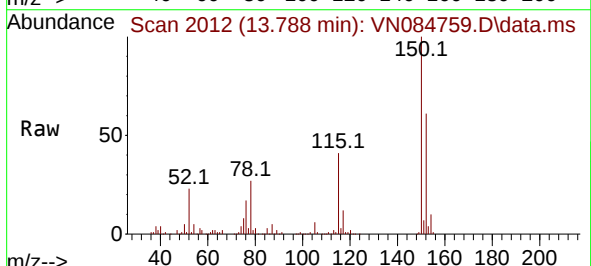
Tgt Ion:152 Resp: 135570

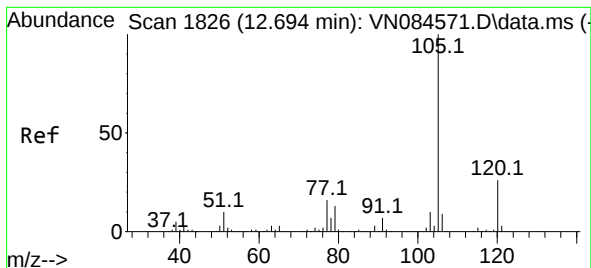
Ion Ratio Lower Upper

152 100

115 83.3 31.3 93.9

150 162.2 0.0 349.8





#73

Isopropylbenzene

Concen: 23.868 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

Instrument :

MSVOA\_N

ClientSampleId :

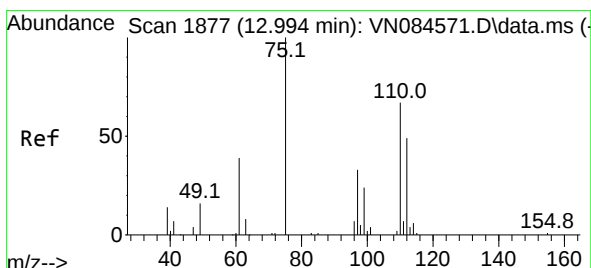
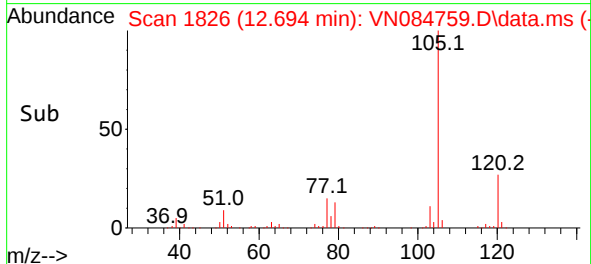
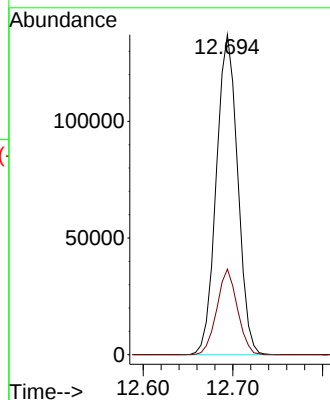
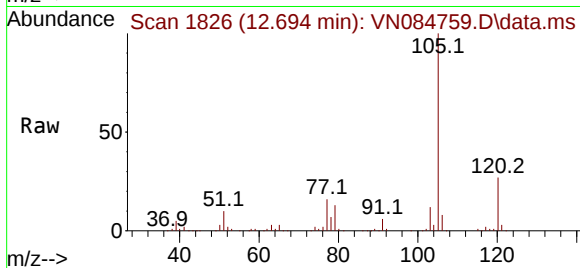
BP-B2

Tgt Ion:105 Resp: 226754

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



#76

1,2,3-Trichloropropane

Concen: 0.982 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.053 min

Lab File: VN084759.D

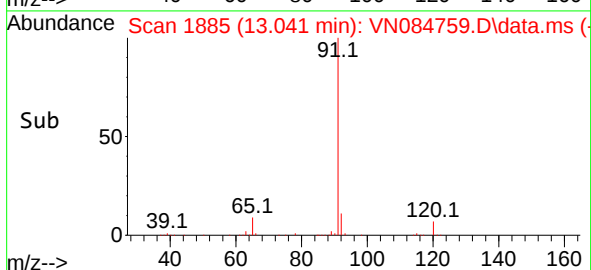
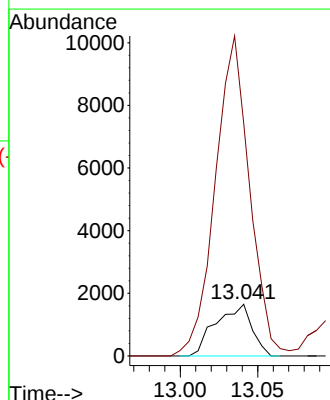
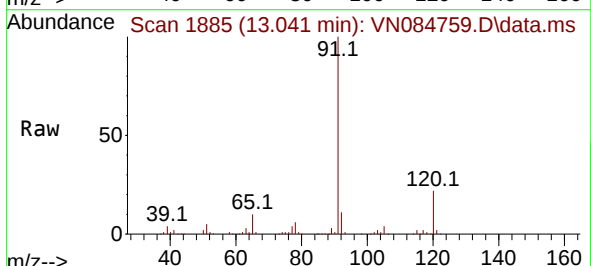
Acq: 08 Nov 2024 18:56

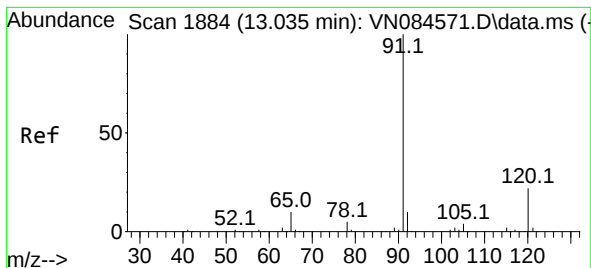
Tgt Ion: 75 Resp: 2662

Ion Ratio Lower Upper

75 100

77 591.1 96.9 290.7#





#78

n-propylbenzene

Concen: 33.877 ug/l

RT: 13.035 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

Instrument :

MSVOA\_N

ClientSampleId :

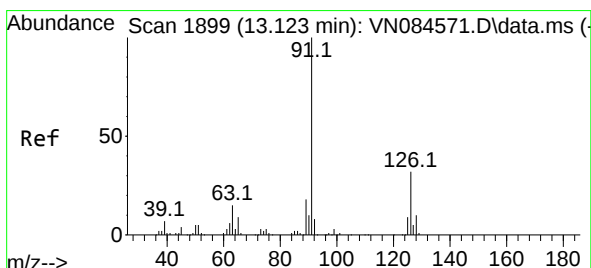
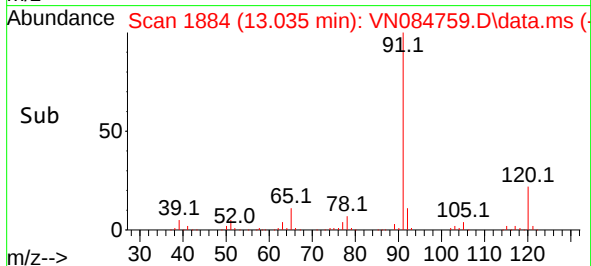
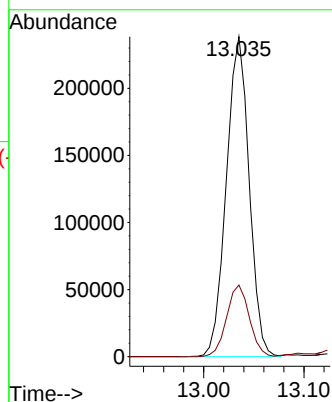
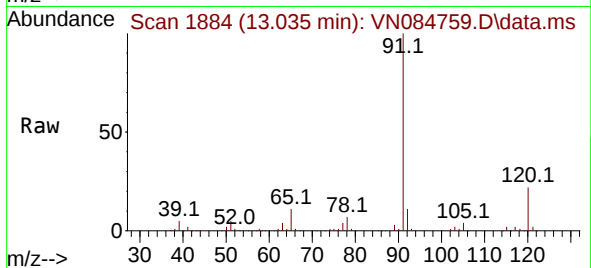
BP-B2

Tgt Ion: 91 Resp: 377146

Ion Ratio Lower Upper

91 100

120 22.3 10.8 32.4



#79

2-Chlorotoluene

Concen: 2.649 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.047 min

Lab File: VN084759.D

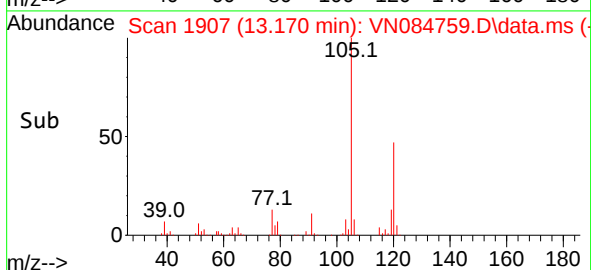
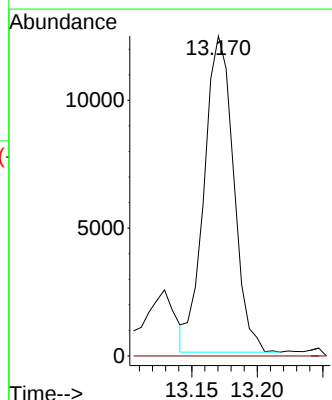
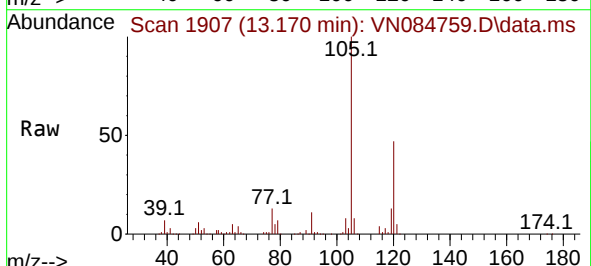
Acq: 08 Nov 2024 18:56

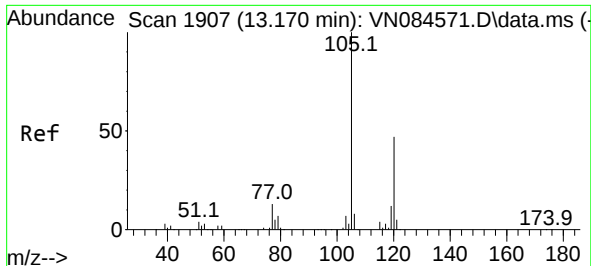
Tgt Ion: 91 Resp: 19269

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#

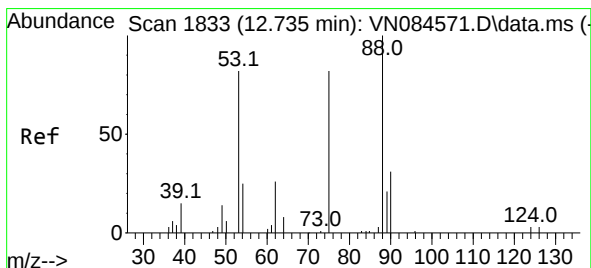
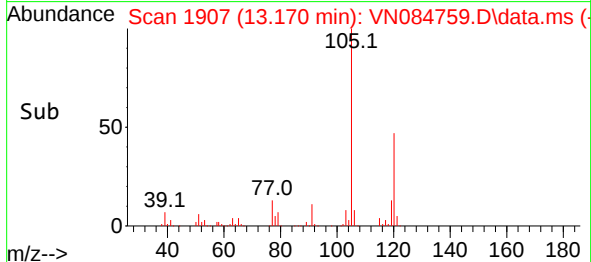
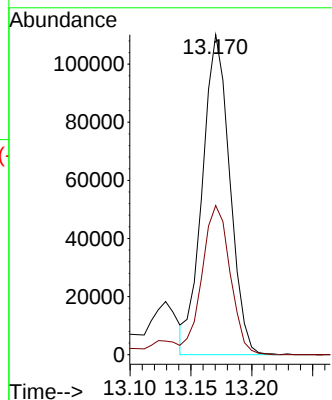
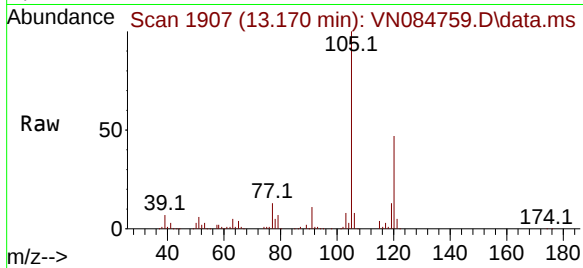




#80  
1,3,5-Trimethylbenzene  
Concen: 21.953 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

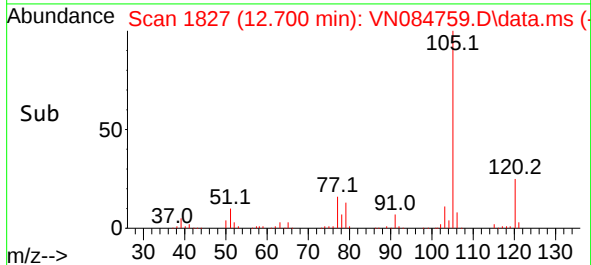
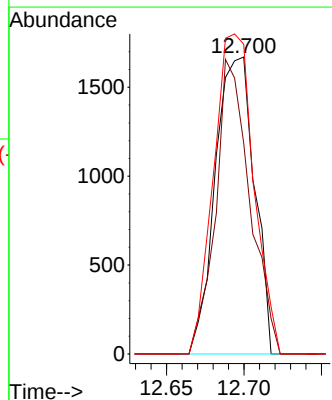
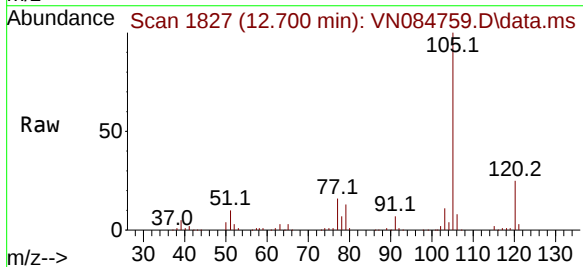
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

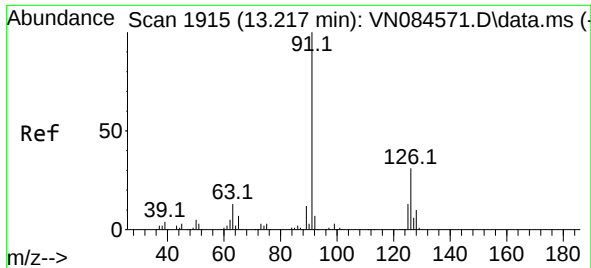
Tgt Ion:105 Resp: 172862  
Ion Ratio Lower Upper  
105 100  
120 47.7 23.7 71.1



#81  
trans-1,4-Dichloro-2-butene  
Concen: 2.558 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.035 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 75 Resp: 2922  
Ion Ratio Lower Upper  
75 100  
53 87.2 78.0 117.0  
89 111.0 35.5 53.3#

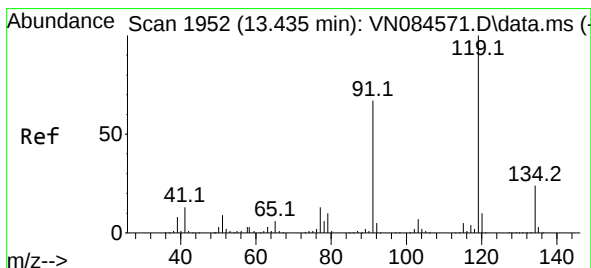
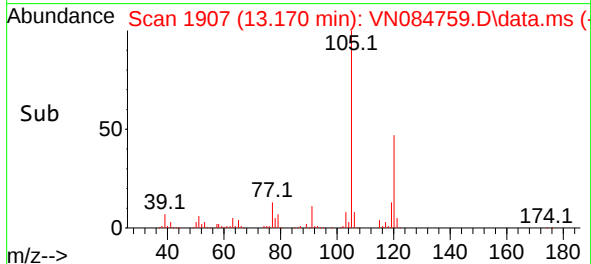
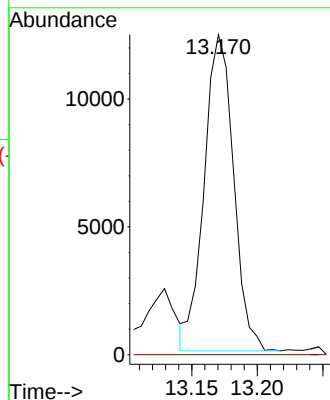
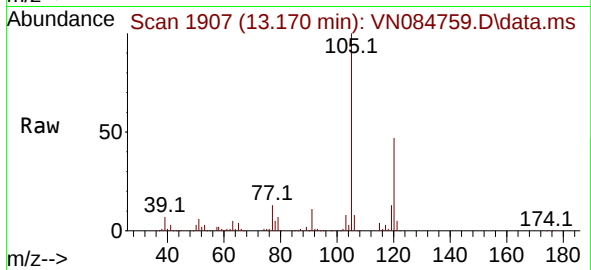




#82  
4-Chlorotoluene  
Concen: 2.517 ug/l  
RT: 13.170 min Scan# 1915  
Delta R.T. -0.047 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

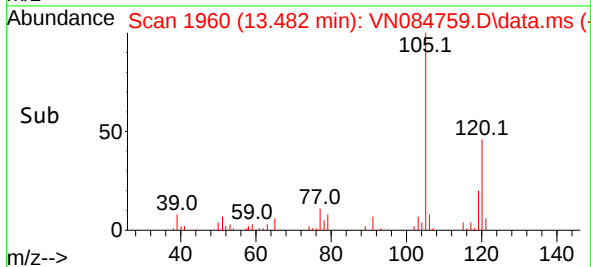
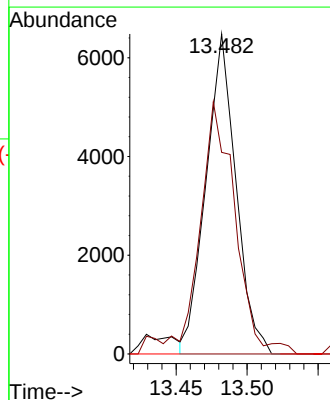
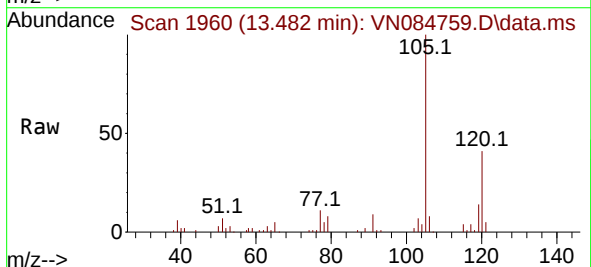
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

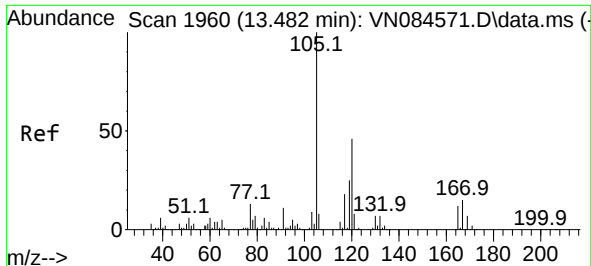
Tgt Ion: 91 Resp: 19269  
Ion Ratio Lower Upper  
91 100  
126 0.0 15.7 47.1#



#83  
tert-Butylbenzene  
Concen: 1.457 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.047 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 119 Resp: 9496  
Ion Ratio Lower Upper  
119 100  
91 91.7 34.1 102.3  
134 0.0 12.8 38.4#

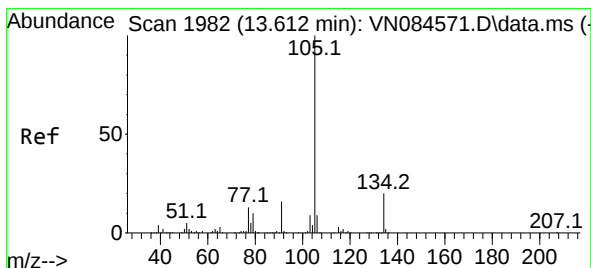
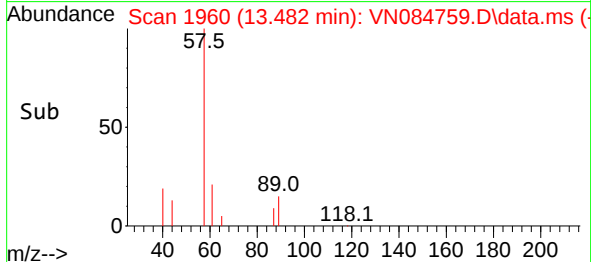
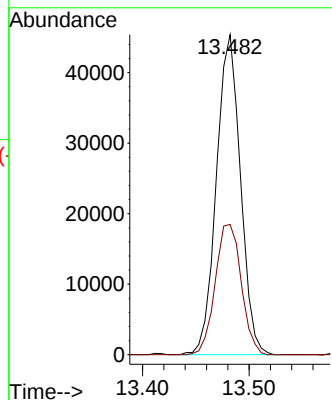
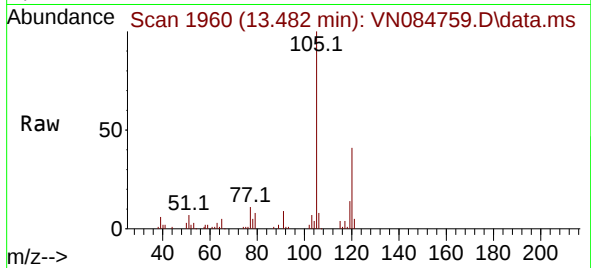




#84  
1,2,4-Trimethylbenzene  
Concen: 8.751 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

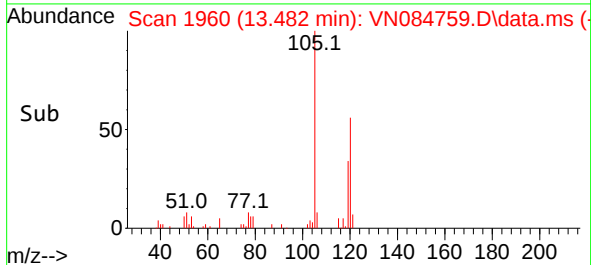
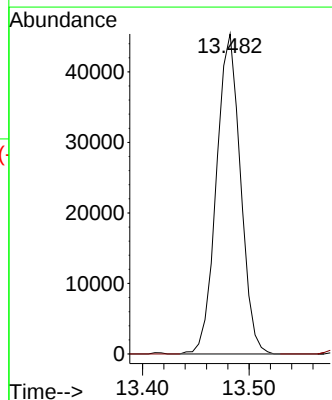
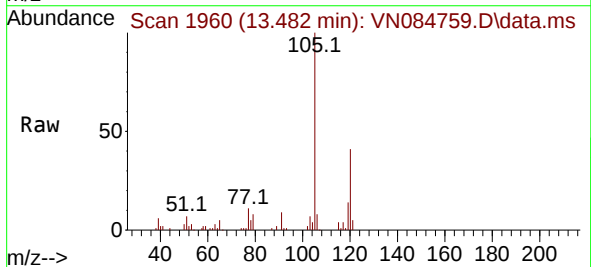
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

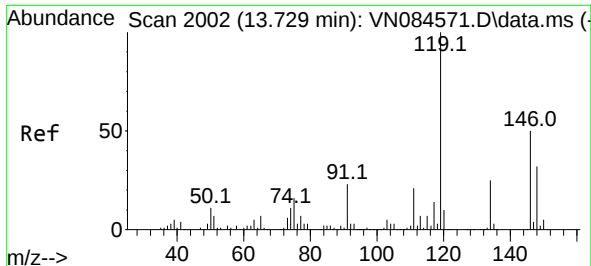
Tgt Ion:105 Resp: 71117  
Ion Ratio Lower Upper  
105 100  
120 44.0 22.3 66.8



#85  
sec-Butylbenzene  
Concen: 7.726 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.135 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion:105 Resp: 71117  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.8 29.4#

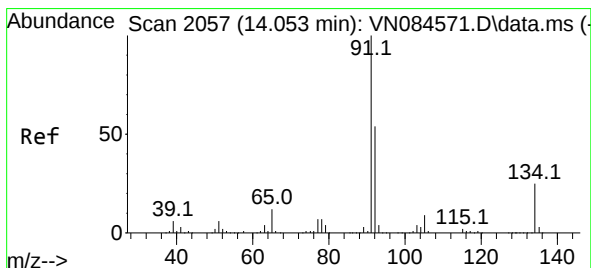
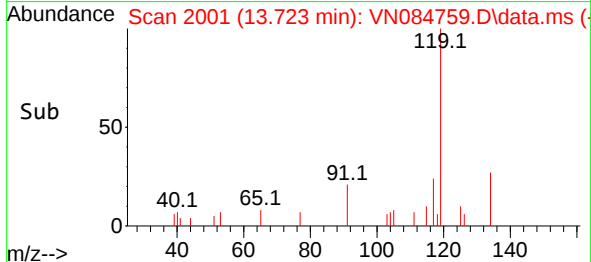
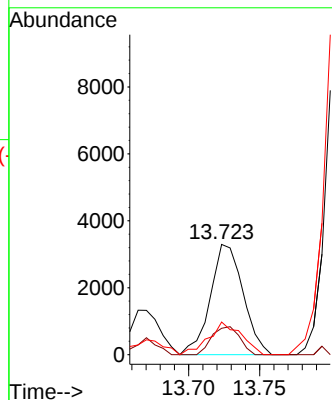
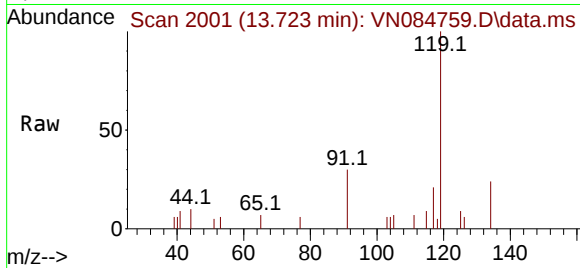




#86  
p-Isopropyltoluene  
Concen: 0.701 ug/l  
RT: 13.723 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

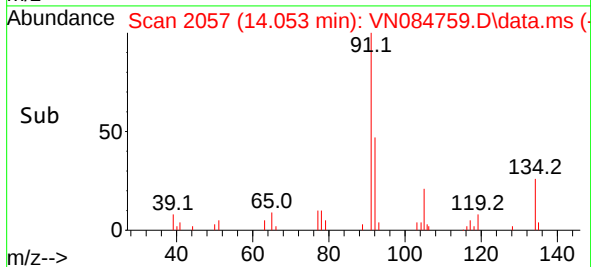
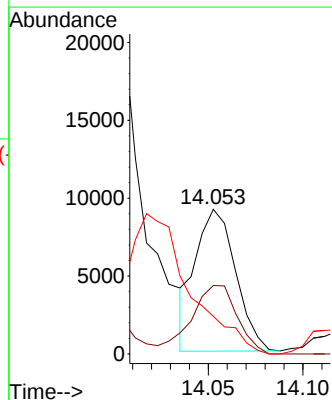
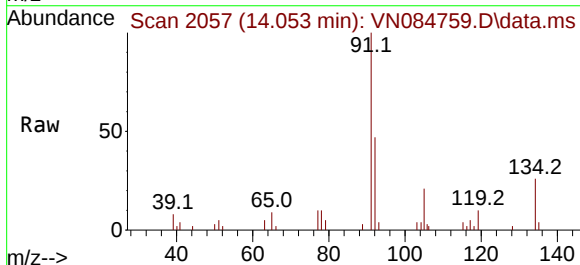
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2

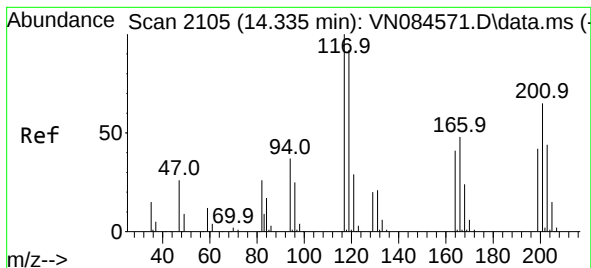
Tgt Ion:119 Resp: 5291  
Ion Ratio Lower Upper  
119 100  
134 21.6 12.6 37.8  
91 0.0 12.4 37.2#



#89  
n-Butylbenzene  
Concen: 1.902 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Tgt Ion: 91 Resp: 13435  
Ion Ratio Lower Upper  
91 100  
92 55.3 26.6 79.7  
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 6.240 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

Instrument :

MSVOA\_N

ClientSampleId :

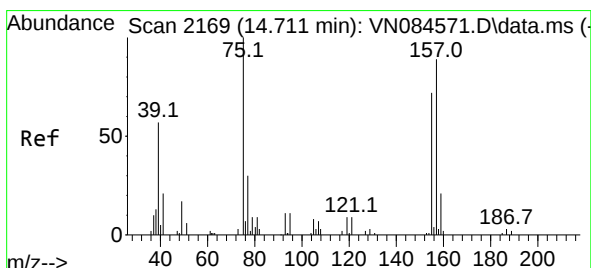
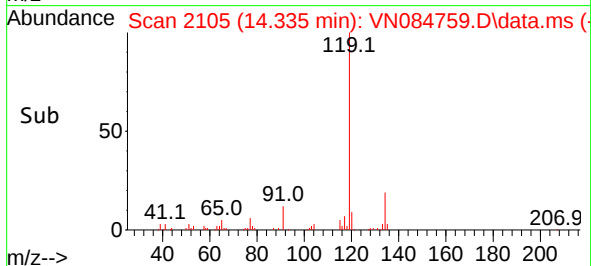
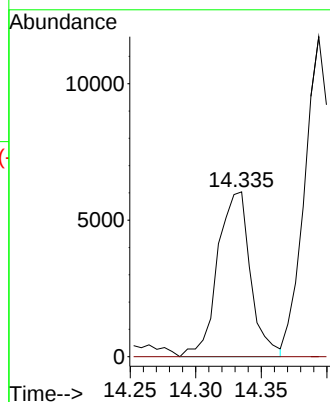
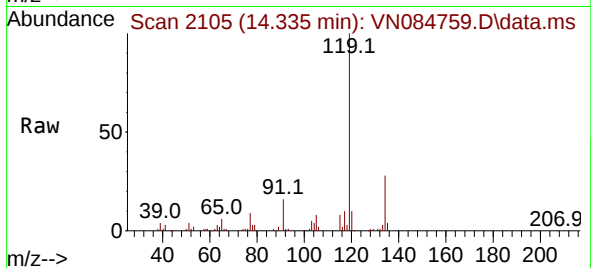
BP-B2

Tgt Ion:117 Resp: 10506

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.727 ug/l

RT: 14.682 min Scan# 2164

Delta R.T. -0.035 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

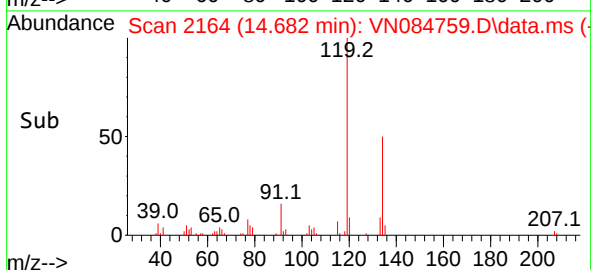
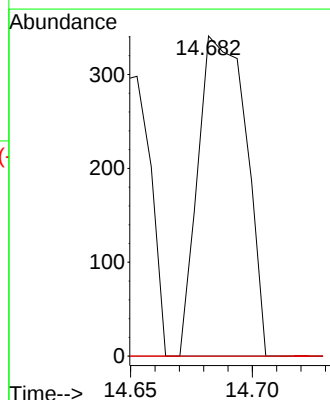
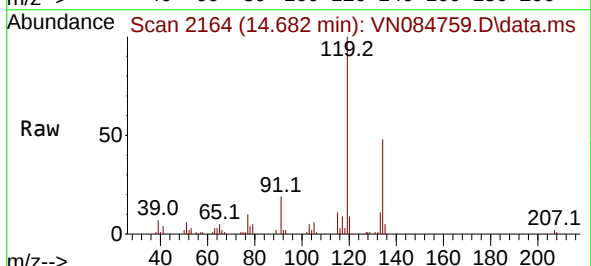
Tgt Ion: 75 Resp: 467

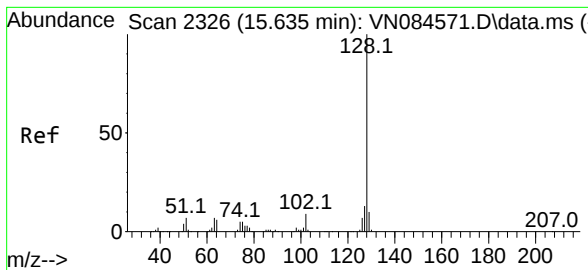
Ion Ratio Lower Upper

75 100

155 0.0 38.1 114.5#

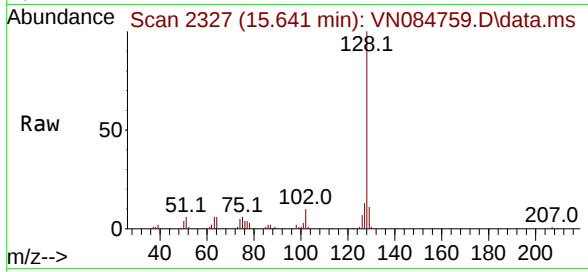
157 0.0 49.6 149.0#





#95  
Naphthalene  
Concen: 14.299 ug/l  
RT: 15.641 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN084759.D  
Acq: 08 Nov 2024 18:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-B2



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 112206 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.6  | 10.5  | 15.7   |
| 129      | 11.3  | 8.7   | 13.1   |

