

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050925\  
 Data File : VN086563.D  
 Acq On : 09 May 2025 15:31  
 Operator : JC\MD  
 Sample : Q1980-04DL 40X  
 Misc : 1.22g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 3848DL

Quant Time: May 09 23:29:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 16 04:19:23 2025  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.224          | 168  | 237391     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.100          | 114  | 433960     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.859         | 117  | 418243     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.788         | 152  | 187811     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.577          | 65   | 154233     | 44.804    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 89.600%   |        |          |
| 35) Dibromofluoromethane      | 8.165          | 113  | 127806     | 63.457    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 126.920%# |        |          |
| 50) Toluene-d8                | 10.565         | 98   | 549502     | 51.049    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 102.100%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.847         | 95   | 205955     | 52.457    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = | 104.920%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 3) Chloromethane              | 2.359          | 50   | 1314       | 0.321     | ug/l # | 88       |
| 5) Bromomethane               | 2.983          | 94   | 442        | 0.252     | ug/l # | 79       |
| 16) Acetone                   | 4.430          | 43   | 6242       | Below Cal | #      | 87       |
| 18) Methyl Acetate            | 5.024          | 43   | 1163       | 0.281     | ug/l # | 61       |
| 31) Cyclohexane               | 8.224          | 56   | 11941      | 2.140     | ug/l # | 77       |
| 36) 1,1-Dichloropropene       | 8.218          | 75   | 19206      | 4.774     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 8.218          | 117  | 24143      | 6.302     | ug/l # | 15       |
| 39) Methylcyclohexane         | 9.594          | 83   | 8178       | 1.710     | ug/l # | 92       |
| 43) Isopropyl Acetate         | 8.694          | 43   | 9857       | Below Cal | #      | 55       |
| 48) Methyl methacrylate       | 9.600          | 41   | 3800       | 1.022     | ug/l # | 72       |
| 51) 4-Methyl-2-Pentanone      | 10.335         | 43   | 1662       | 0.383     | ug/l # | 35       |
| 52) Toluene                   | 10.624         | 92   | 809560     | 100.664   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.624         | 75   | 9203       | 1.899     | ug/l # | 1        |
| 55) 1,1,2-Trichloroethane     | 11.006         | 97   | 1938       | 0.670     | ug/l # | 16       |
| 59) 2-Hexanone                | 11.171         | 43   | 2342       | 0.728     | ug/l # | 23       |
| 60) Dibromochloromethane      | 11.100         | 129  | 3330       | 1.048     | ug/l # | 11       |
| 64) Tetrachloroethene         | 11.100         | 164  | 3517       | 1.093     | ug/l # | 82       |
| 67) Ethyl Benzene             | 11.959         | 91   | 118835     | 7.055     | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.065         | 106  | 193993     | 30.739    | ug/l   | 97       |
| 69) o-Xylene                  | 12.394         | 106  | 60021      | 9.617     | ug/l   | 97       |
| 70) Styrene                   | 12.394         | 104  | 3244       | 0.312     | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.694         | 105  | 8540       | 0.556     | ug/l   | 97       |
| 74) N-amyl acetate            | 12.476         | 43   | 5975       | 0.781     | ug/l # | 69       |
| 76) 1,2,3-Trichloropropane    | 12.847         | 75   | 103317     | 23.311    | ug/l # | 1        |
| 78) n-propylbenzene           | 13.029         | 91   | 23508      | 1.299     | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.094         | 91   | 9197       | 0.812     | ug/l # | 43       |
| 80) 1,3,5-Trimethylbenzene    | 13.171         | 105  | 19513      | 1.552     | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.847         | 75   | 103317     | 55.985    | ug/l # | 10       |
| 83) tert-Butylbenzene         | 13.476         | 119  | 8160       | 0.749     | ug/l # | 68       |
| 84) 1,2,4-Trimethylbenzene    | 13.476         | 105  | 68984      | 5.390     | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.612         | 105  | 10370      | 0.686     | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.723         | 119  | 4578       | 0.368     | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.053         | 91   | 9091       | 0.823     | ug/l # | 84       |
| 90) Hexachloroethane          | 14.329         | 117  | 1138       | 0.543     | ug/l # | 19       |
| 95) Naphthalene               | 15.635         | 128  | 2192       | 0.208     | ug/l # | 77       |
| -----                         |                |      |            |           |        |          |

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Sample : Q1980-04DL 40X  
Misc : 1.22g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

Quant Time: May 09 23:29:38 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 16 04:19:23 2025  
Response via : Initial Calibration

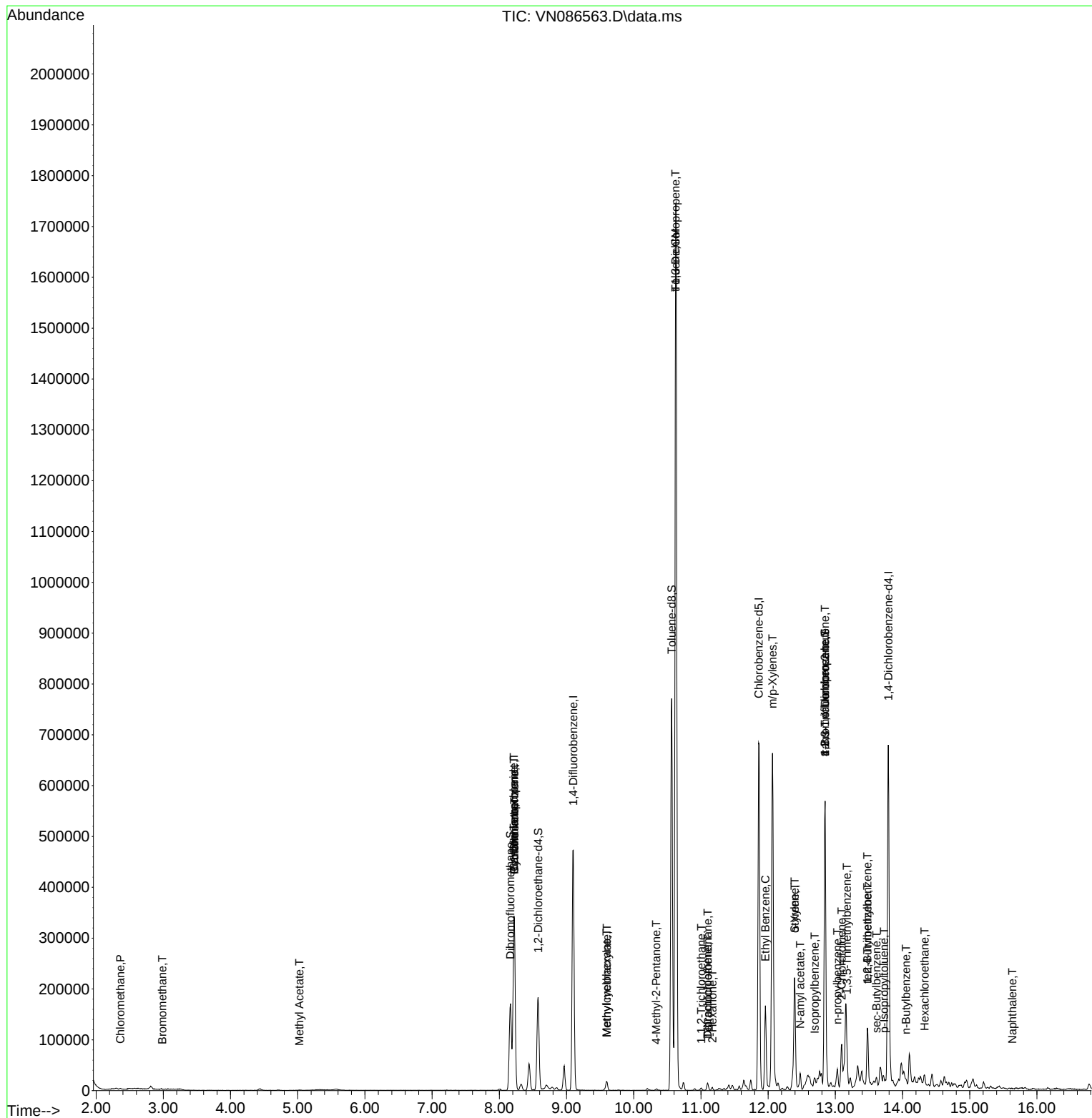
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

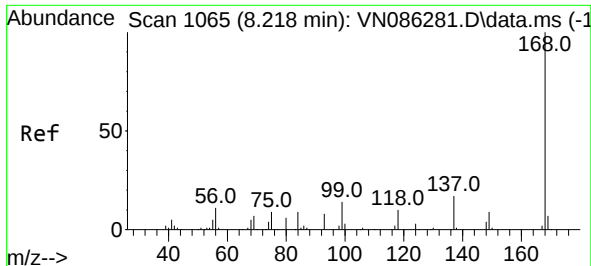
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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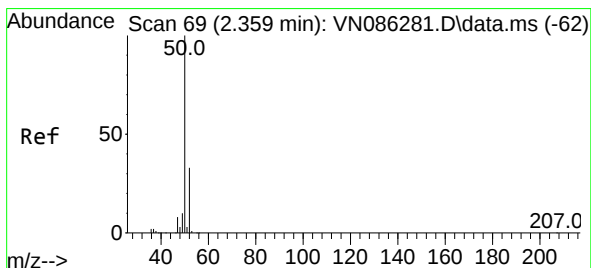
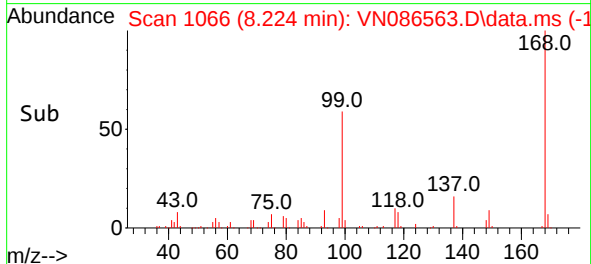
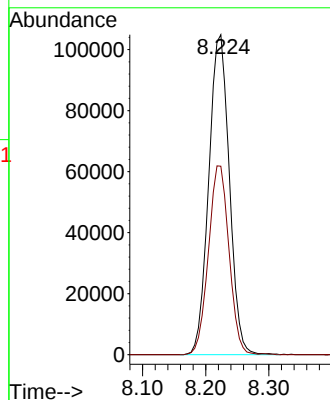
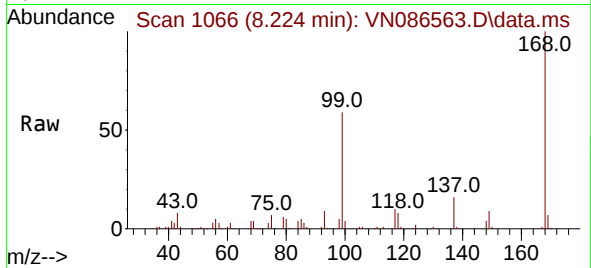




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

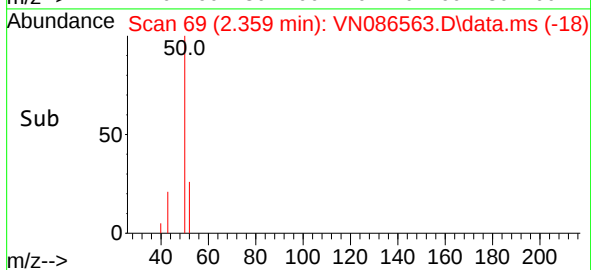
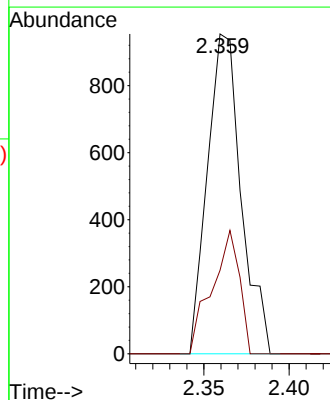
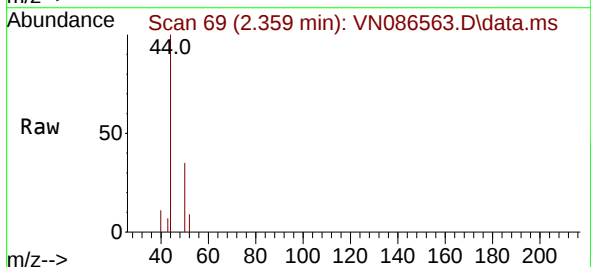
Instrument :  
MSVOA\_N  
ClientSampleId :  
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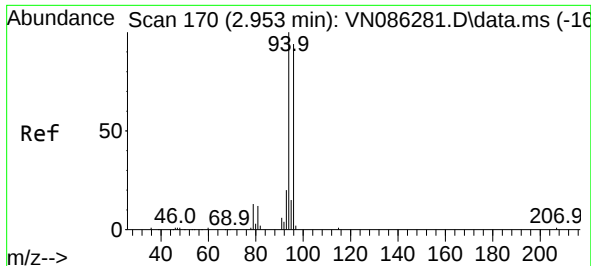
Tgt Ion:168 Resp: 237391  
Ion Ratio Lower Upper  
168 100  
99 58.9 52.5 78.7



#3  
Chloromethane  
Concen: 0.321 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Tgt Ion: 50 Resp: 1314  
Ion Ratio Lower Upper  
50 100  
52 26.1 26.5 39.7#

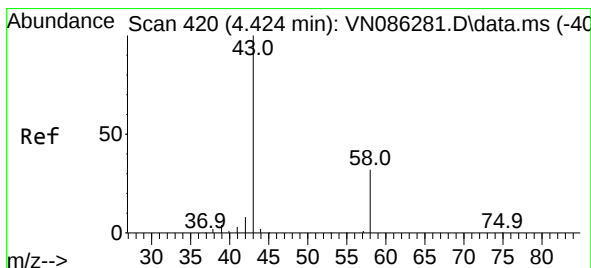
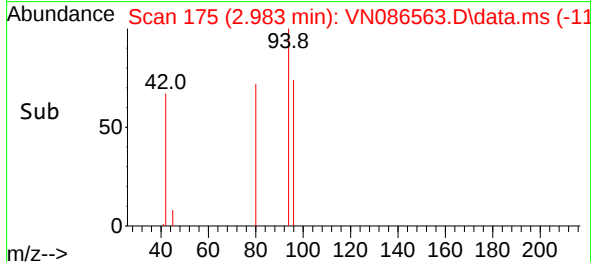
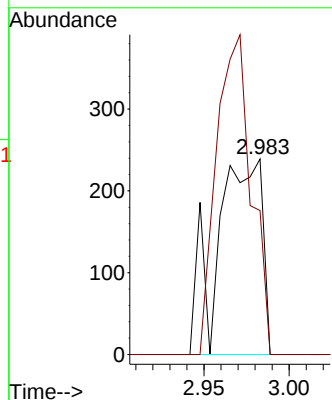
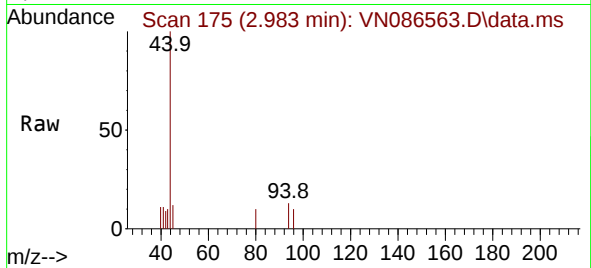




#5  
Bromomethane  
Concen: 0.252 ug/l  
RT: 2.983 min Scan# 11  
Delta R.T. 0.029 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

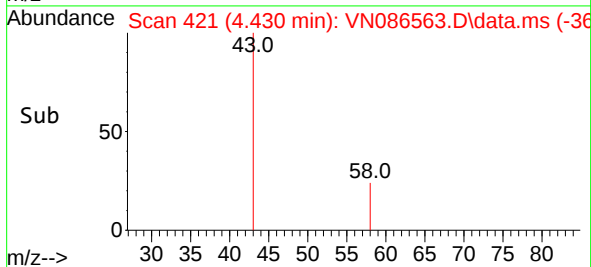
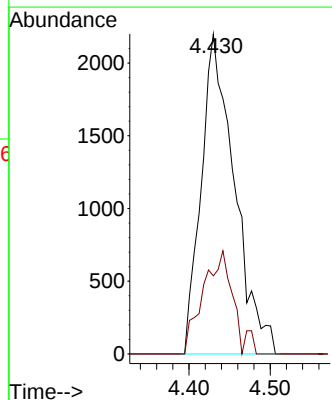
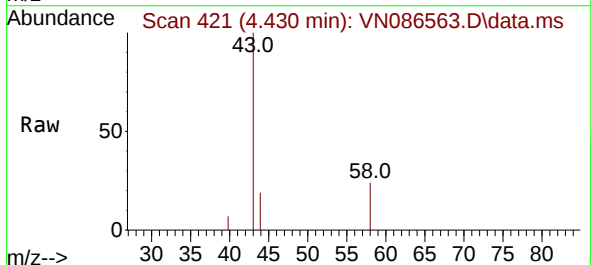
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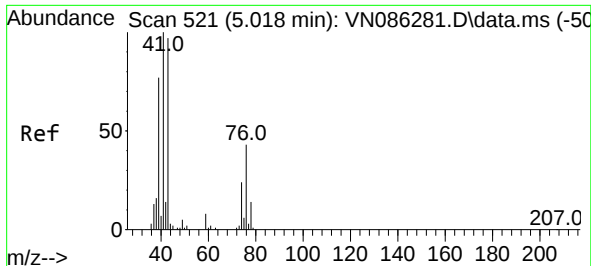
Tgt Ion: 94 Resp: 442  
Ion Ratio Lower Upper  
94 100  
96 73.6 75.2 112.8#



#16  
Acetone  
Concen: Below Cal  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

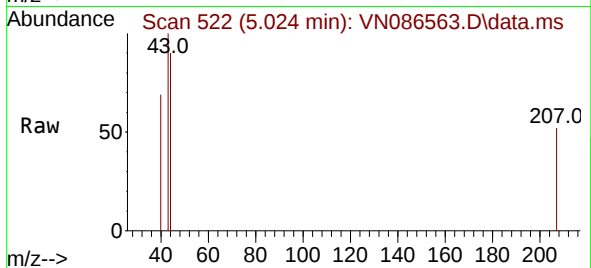
Tgt Ion: 43 Resp: 6242  
Ion Ratio Lower Upper  
43 100  
58 24.4 25.3 37.9#



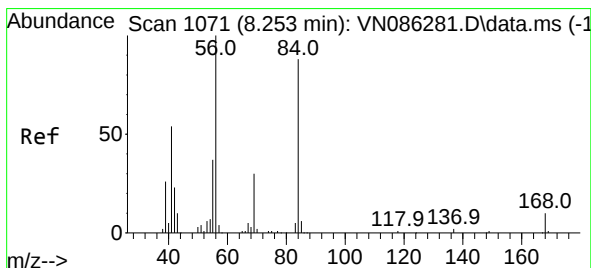
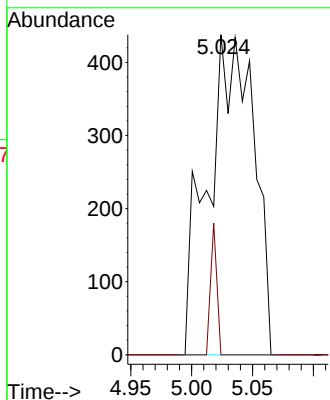
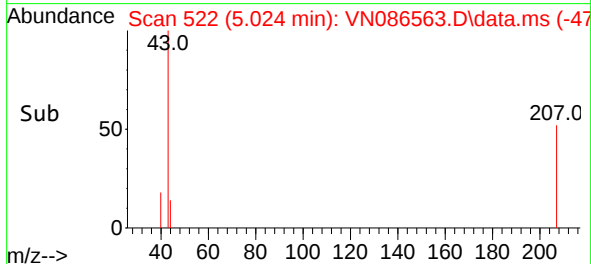


#18  
Methyl Acetate  
Concen: 0.281 ug/l  
RT: 5.024 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Instrument :  
MSVOA\_N  
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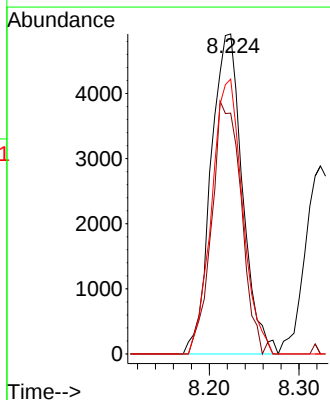
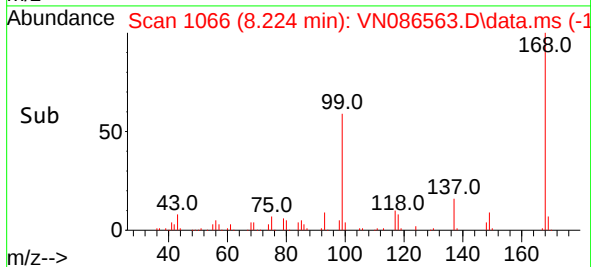
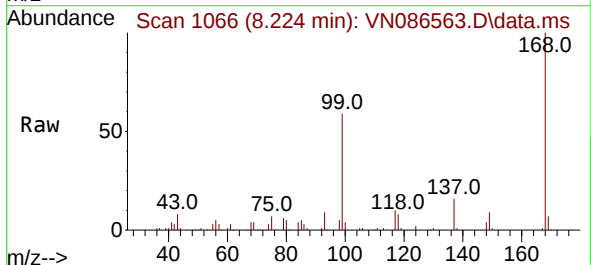


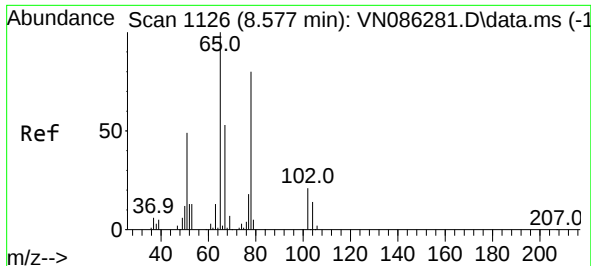
Tgt Ion: 43 Resp: 1163  
Ion Ratio Lower Upper  
43 100  
74 5.4 19.8 29.6#



#31  
Cyclohexane  
Concen: 2.140 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.029 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Tgt Ion: 56 Resp: 11941  
Ion Ratio Lower Upper  
56 100  
69 75.2 24.2 36.2#  
84 85.9 70.3 105.5





#33

1,2-Dichloroethane-d4

Concen: 44.804 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086563.D

Acq: 09 May 2025 15:31

Instrument :

MSVOA\_N

ClientSampleId :

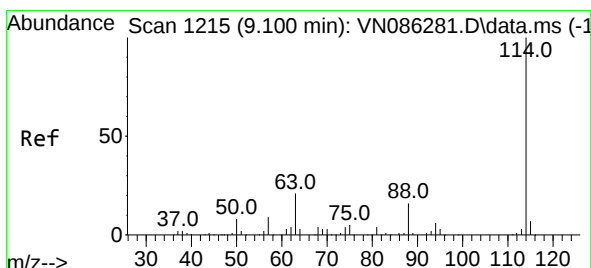
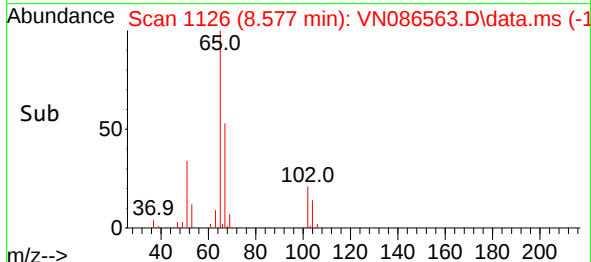
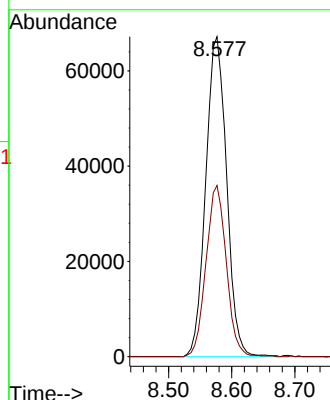
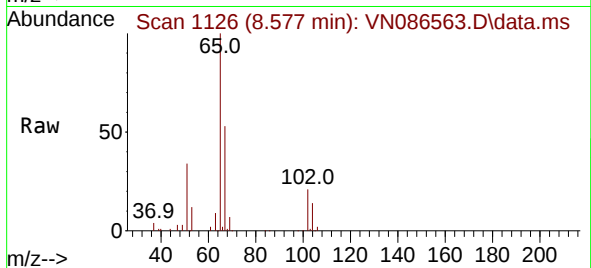
3848DL

Tgt Ion: 65 Resp: 154233

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086563.D

Acq: 09 May 2025 15:31

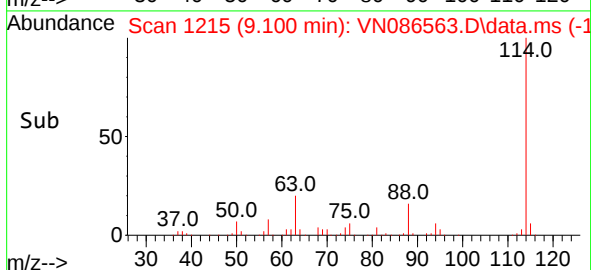
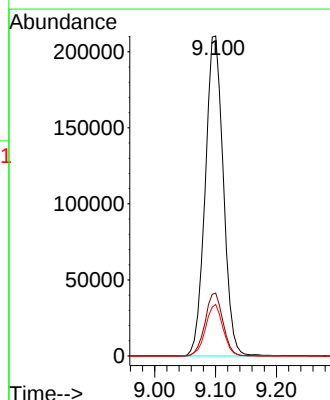
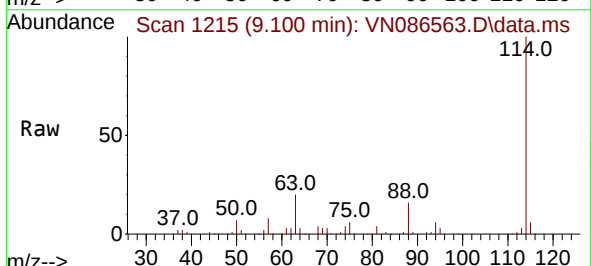
Tgt Ion: 114 Resp: 433960

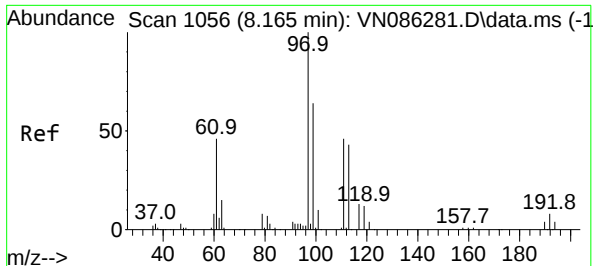
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 16.1 0.0 31.8

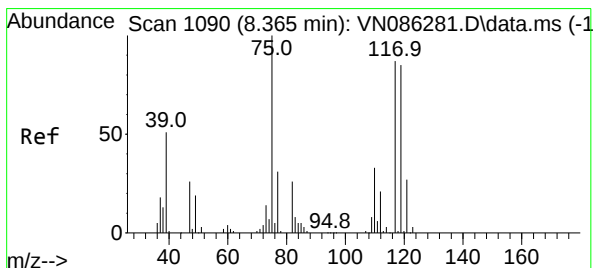
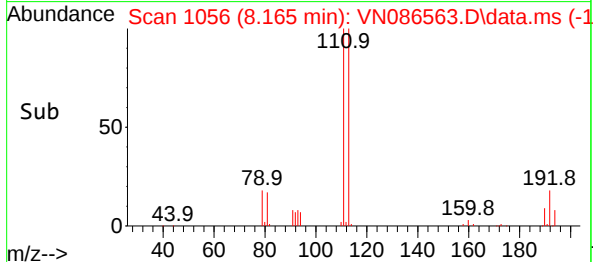
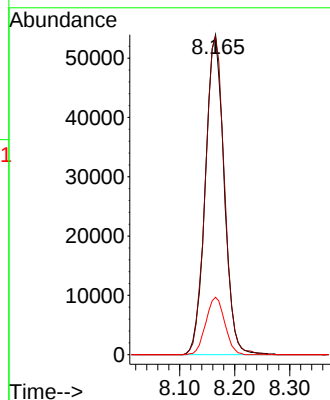
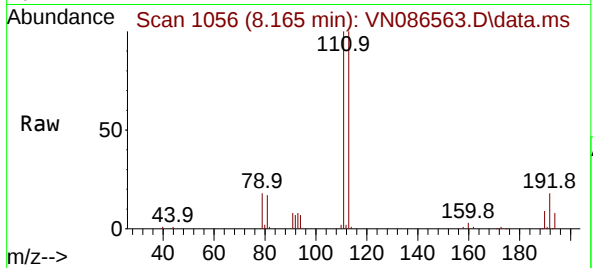




#35  
Dibromofluoromethane  
Concen: 63.457 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

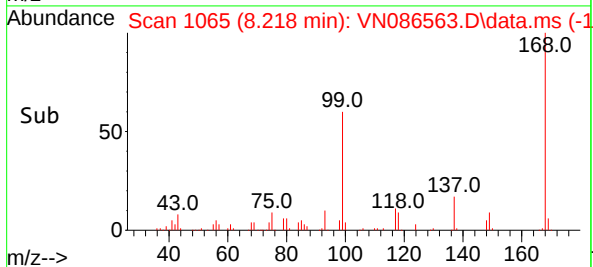
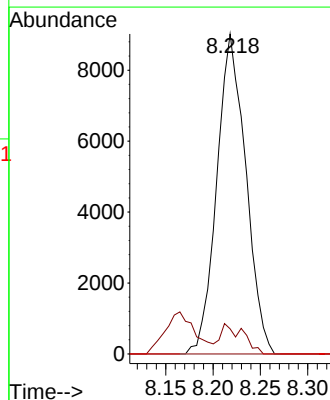
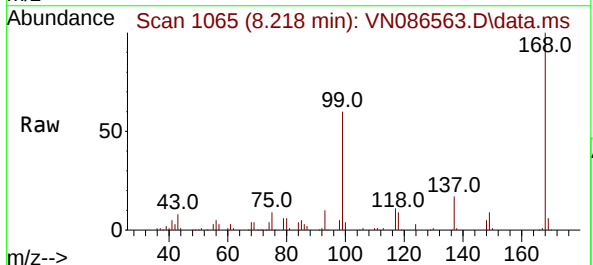
Instrument :  
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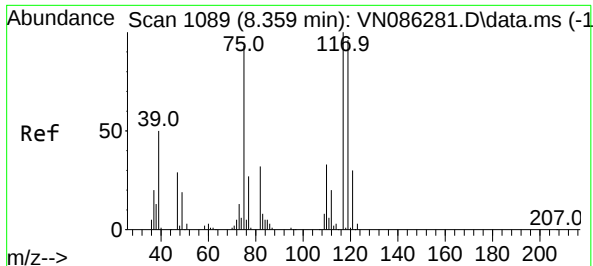
Tgt Ion:113 Resp: 127806  
Ion Ratio Lower Upper  
113 100  
111 100.9 83.4 125.0  
192 18.1 13.7 20.5



#36  
1,1-Dichloropropene  
Concen: 4.774 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.147 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

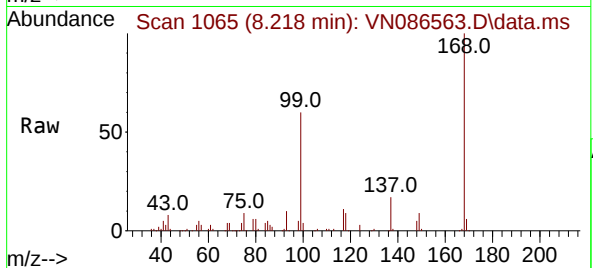
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Ion Ratio Lower Upper  
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110 7.4 16.8 50.4#  
77 0.0 24.9 37.3#



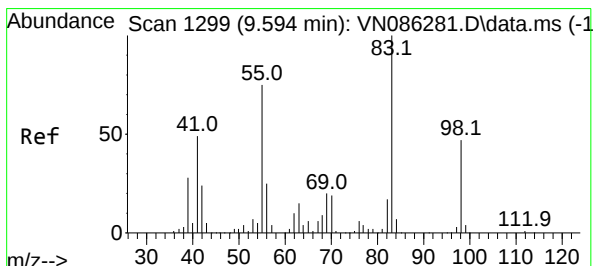
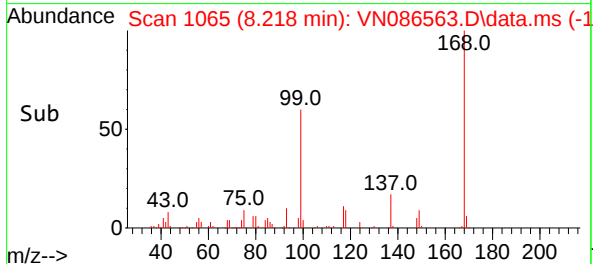
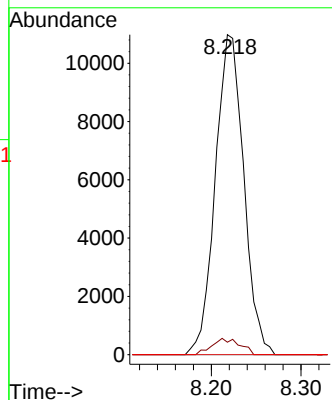


#38  
Carbon Tetrachloride  
Concen: 6.302 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.141 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

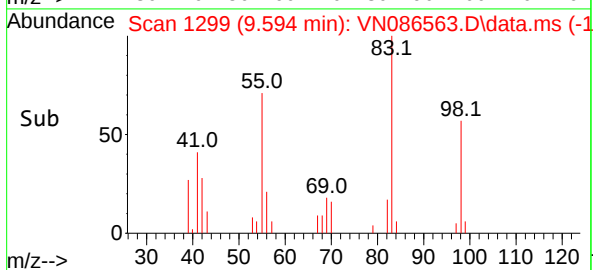
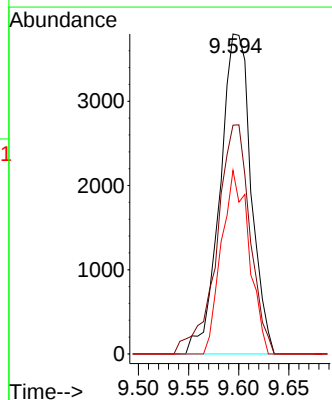
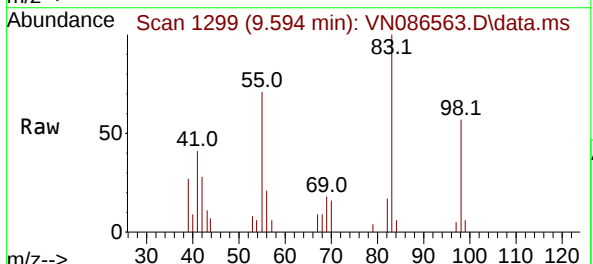


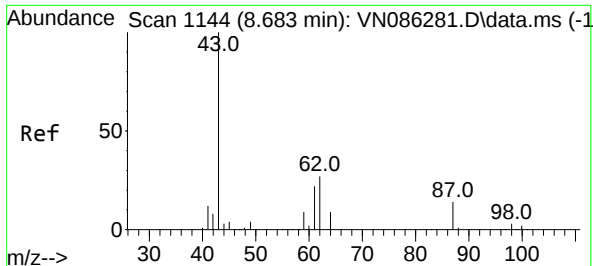
Tgt Ion:117 Resp: 24143  
Ion Ratio Lower Upper  
117 100  
119 3.9 76.8 115.2#  
121 0.0 23.8 35.8#



#39  
Methylcyclohexane  
Concen: 1.710 ug/l  
RT: 9.594 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Tgt Ion: 83 Resp: 8178  
Ion Ratio Lower Upper  
83 100  
55 71.5 59.8 89.8  
98 57.4 37.9 56.9#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.011 min

Lab File: VN086563.D

Acq: 09 May 2025 15:31

Instrument :

MSVOA\_N

ClientSampleId :

3848DL

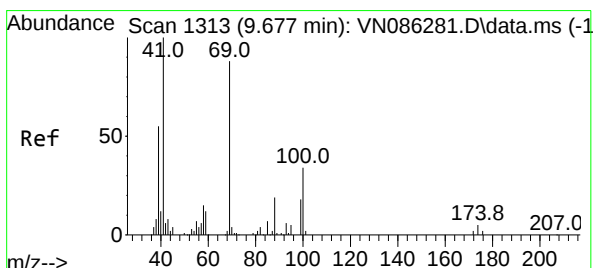
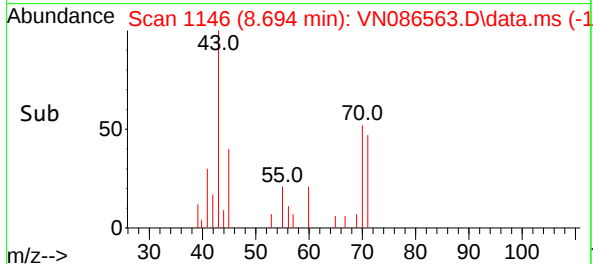
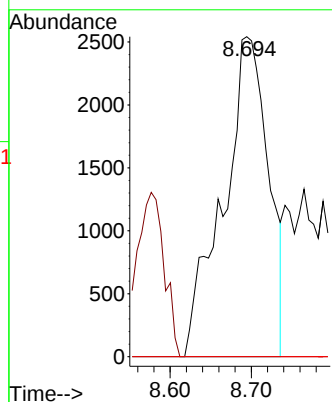
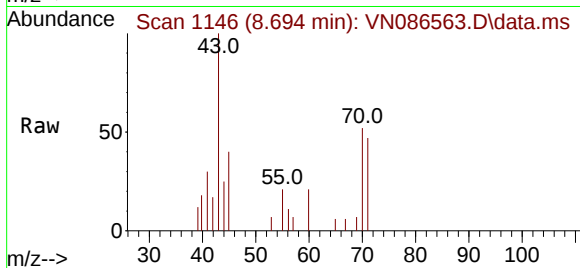
Tgt Ion: 43 Resp: 9857

Ion Ratio Lower Upper

43 100

61 0.0 20.5 30.7#

87 0.0 10.5 15.7#



#48

Methyl methacrylate

Concen: 1.022 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.076 min

Lab File: VN086563.D

Acq: 09 May 2025 15:31

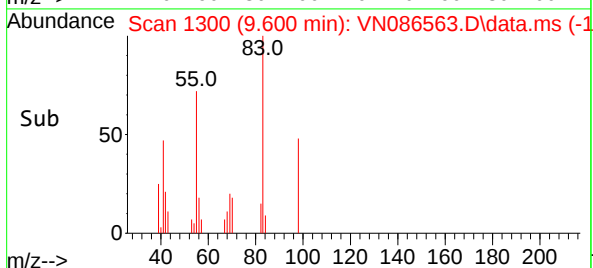
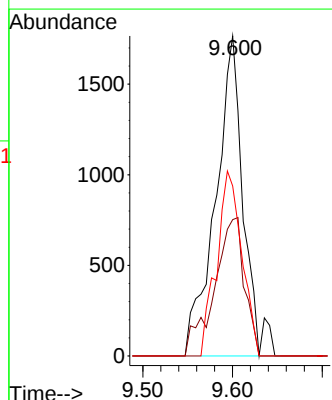
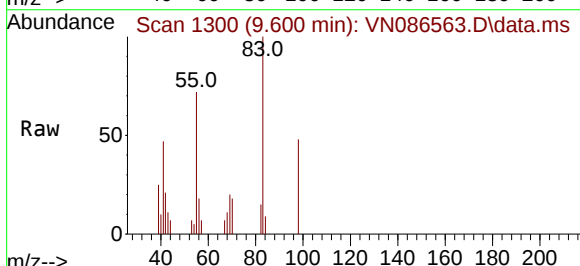
Tgt Ion: 41 Resp: 3800

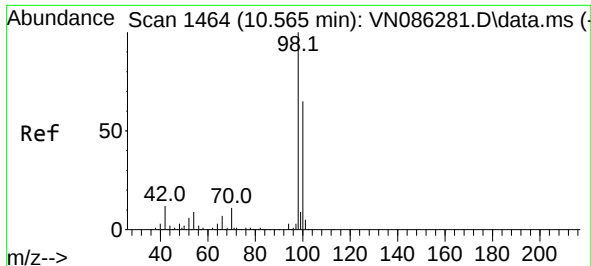
Ion Ratio Lower Upper

41 100

69 46.8 68.2 102.2#

39 52.2 45.2 67.8

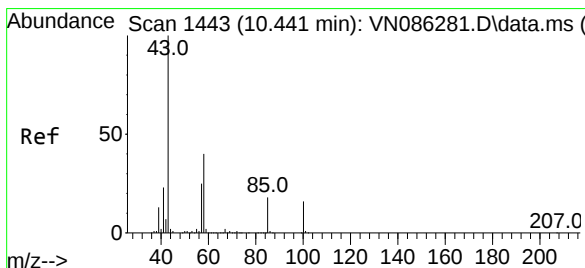
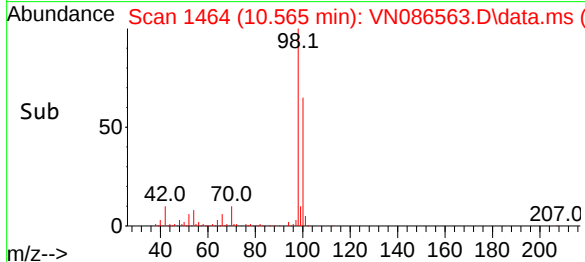
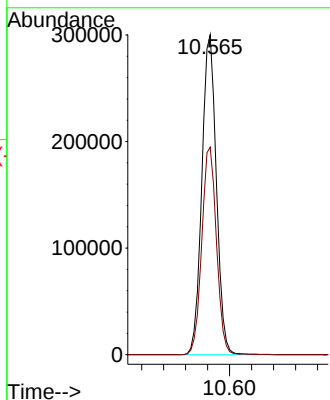
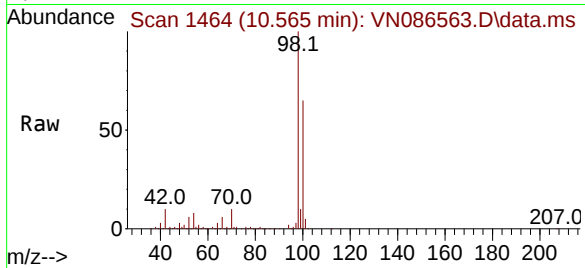




#50  
Toluene-d8  
Concen: 51.049 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

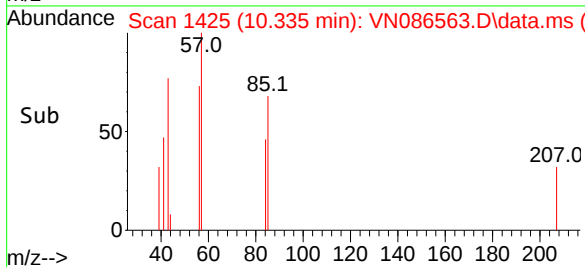
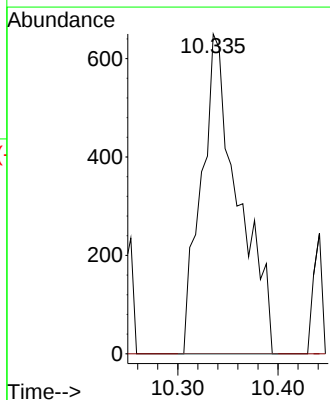
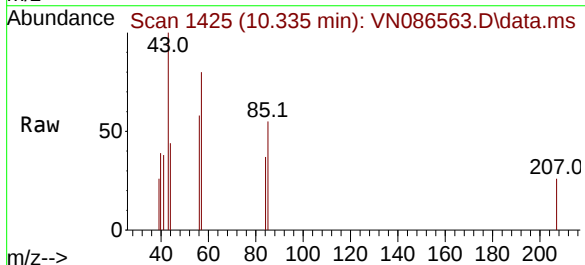
Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

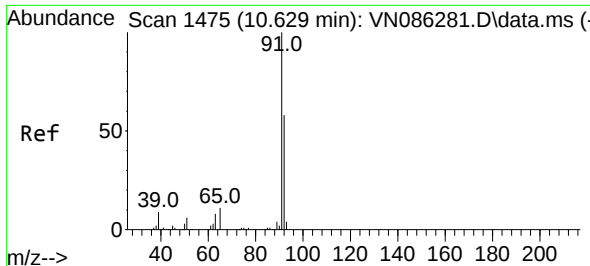
Tgt Ion: 98 Resp: 549502  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.5 78.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.383 ug/l  
RT: 10.335 min Scan# 1425  
Delta R.T. -0.106 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Tgt Ion: 43 Resp: 1662  
Ion Ratio Lower Upper  
43 100  
58 0.0 32.2 48.4#

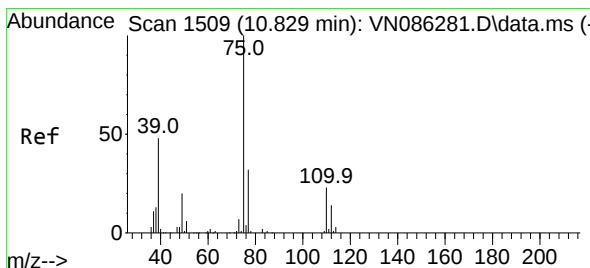
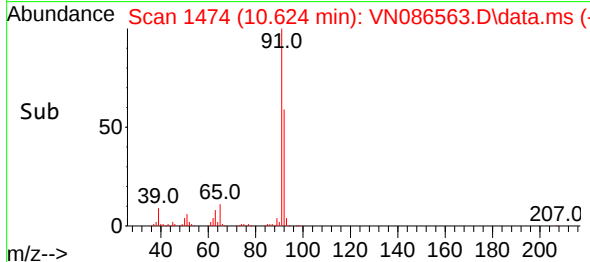
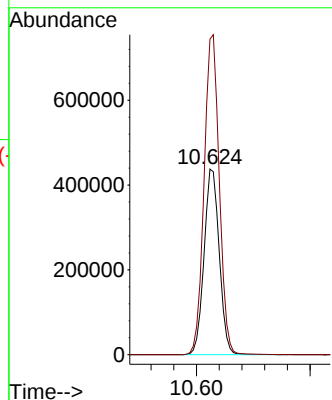
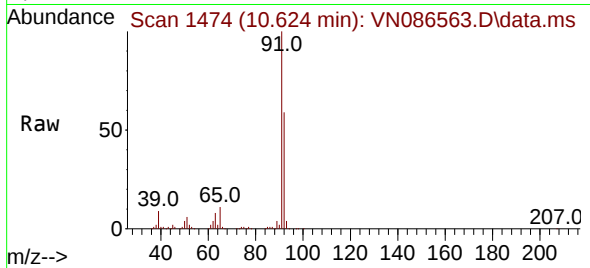




#52  
Toluene  
Concen: 100.664 ug/l  
RT: 10.624 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

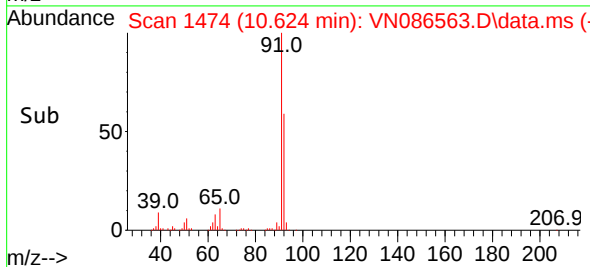
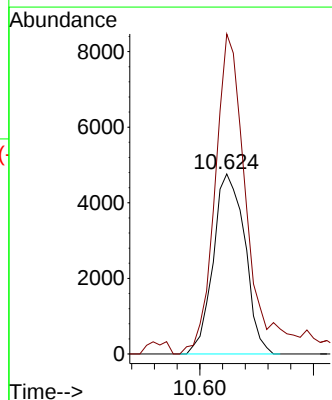
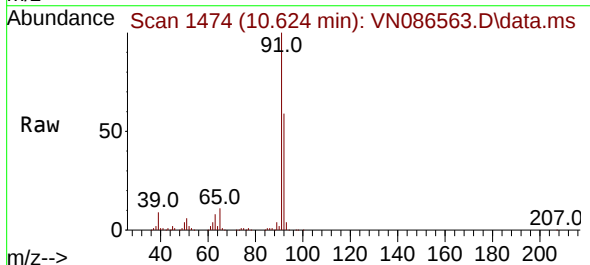
Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

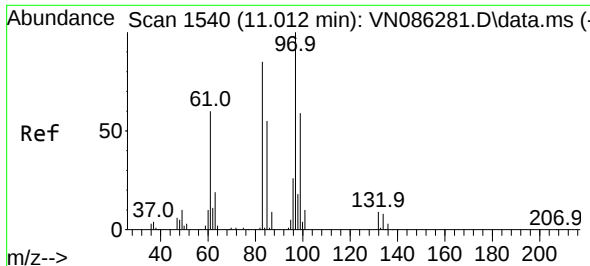
Tgt Ion: 92 Resp: 809560  
Ion Ratio Lower Upper  
92 100  
91 172.7 137.3 205.9



#53  
t-1,3-Dichloropropene  
Concen: 1.899 ug/l  
RT: 10.624 min Scan# 1474  
Delta R.T. -0.206 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Tgt Ion: 75 Resp: 9203  
Ion Ratio Lower Upper  
75 100  
77 177.8 25.4 38.0#

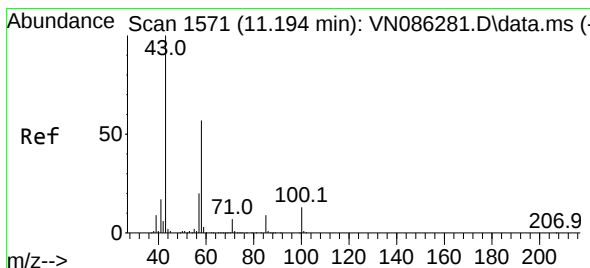
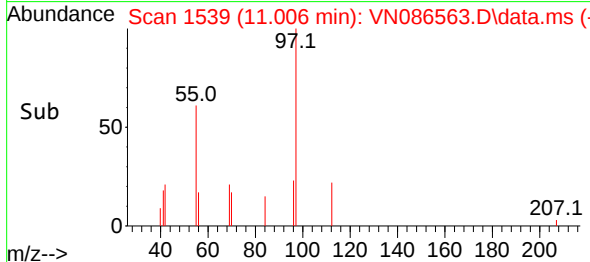
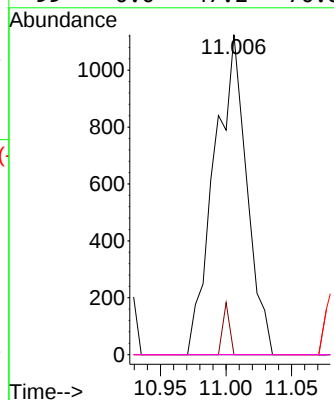
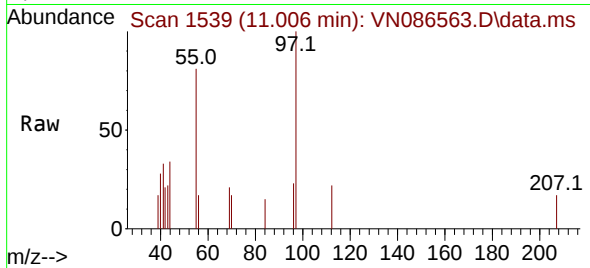




#55  
1,1,2-Trichloroethane  
Concen: 0.670 ug/l  
RT: 11.006 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

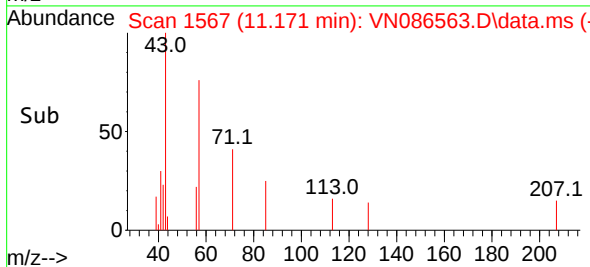
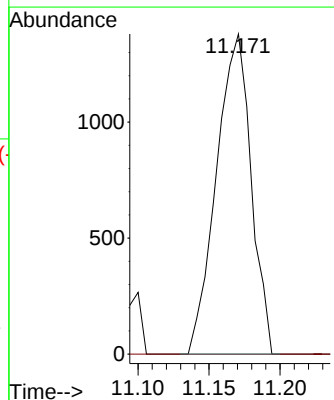
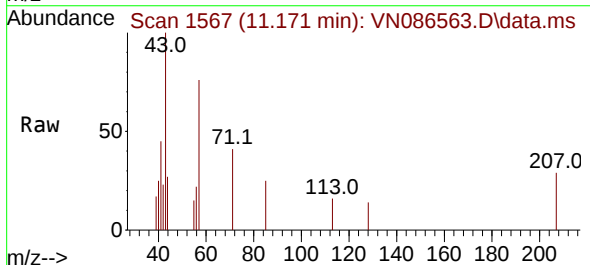
Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

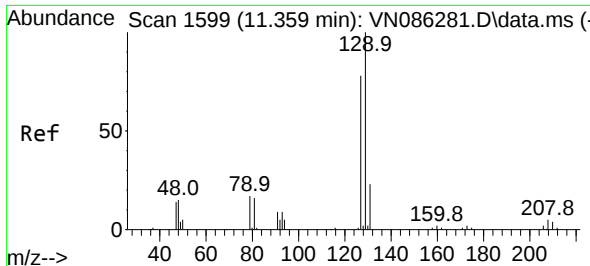
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 1938   |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 0.0   | 68.4  | 102.6# |
| 85       | 0.0   | 43.9  | 65.9#  |
| 99       | 0.0   | 47.2  | 70.8#  |



#59  
2-Hexanone  
Concen: 0.728 ug/l  
RT: 11.171 min Scan# 1567  
Delta R.T. -0.023 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2342  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 0.0   | 28.3  | 85.0# |

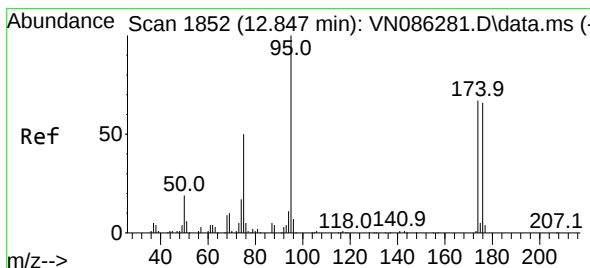
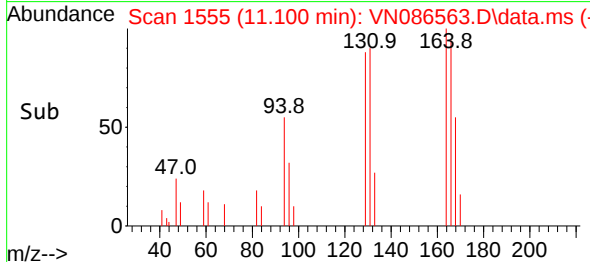
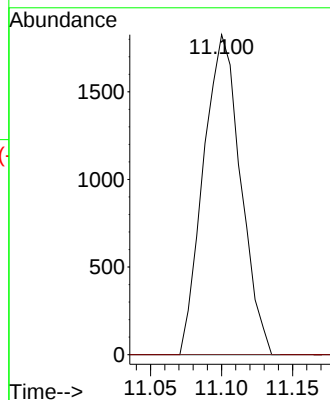
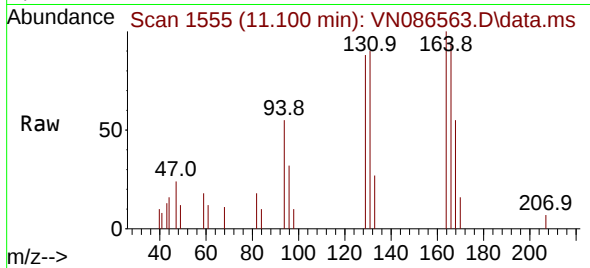




#60  
Dibromochloromethane  
Concen: 1.048 ug/l  
RT: 11.100 min Scan# 11  
Delta R.T. -0.259 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

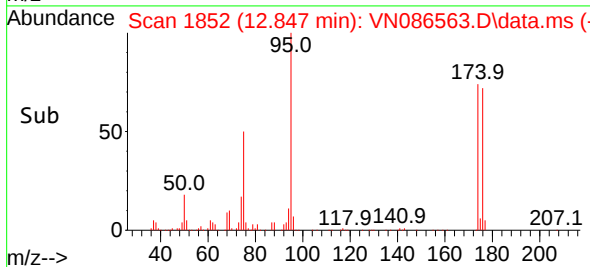
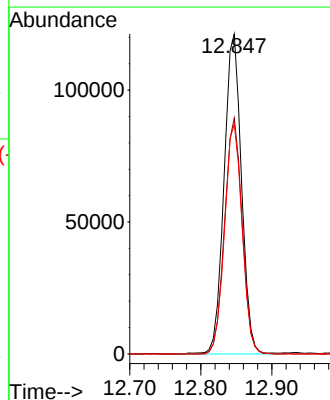
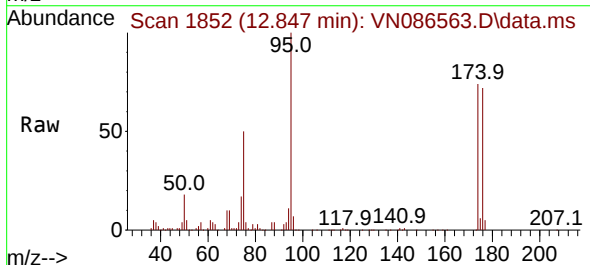
Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

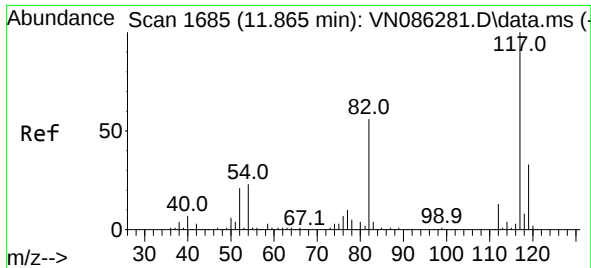
Tgt Ion:129 Resp: 3330  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.7 116.1#



#62  
4-Bromofluorobenzene  
Concen: 52.457 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Tgt Ion: 95 Resp: 205955  
Ion Ratio Lower Upper  
95 100  
174 74.2 0.0 133.4  
176 72.3 0.0 129.2

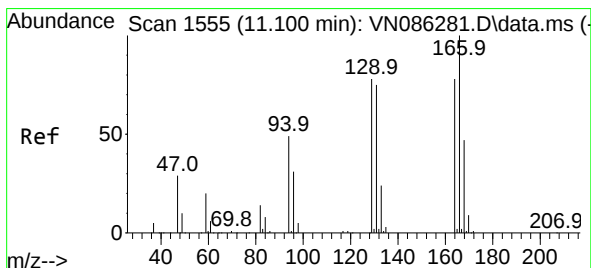
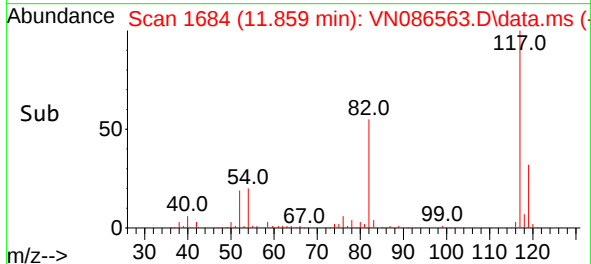
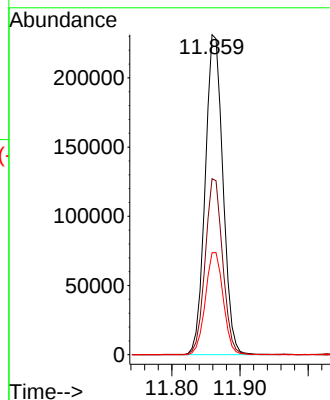
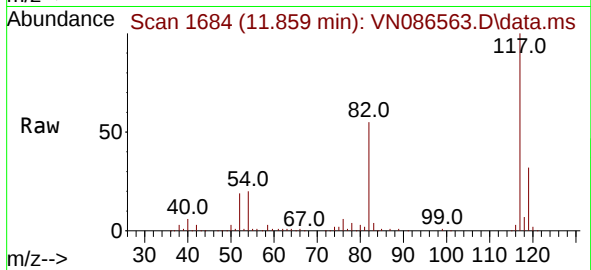




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.859 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

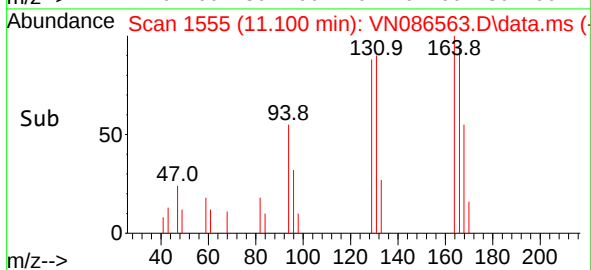
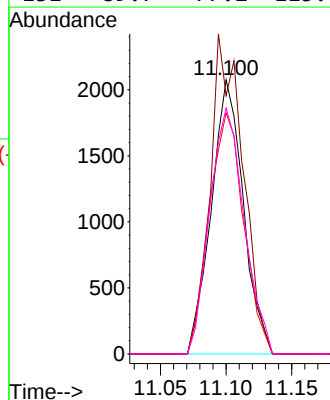
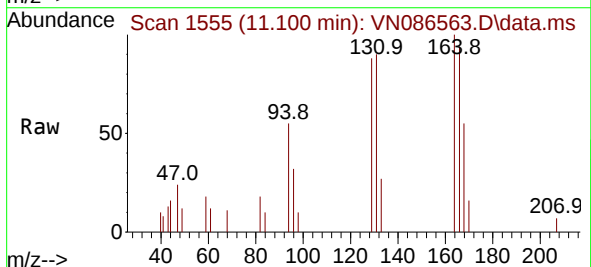
Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

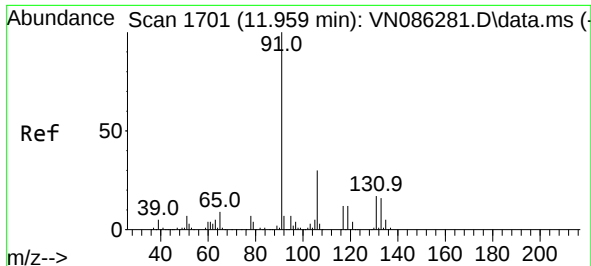
Tgt Ion:117 Resp: 418243  
Ion Ratio Lower Upper  
117 100  
82 54.9 44.7 67.1  
119 31.8 26.4 39.6



#64  
Tetrachloroethene  
Concen: 1.093 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Tgt Ion:164 Resp: 3517  
Ion Ratio Lower Upper  
164 100  
166 94.3 103.0 154.4#  
129 88.0 80.1 120.1  
131 89.7 77.2 115.8





#67

Ethyl Benzene

Concen: 7.055 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN086563.D

Acq: 09 May 2025 15:31

Instrument :

MSVOA\_N

ClientSampleId :

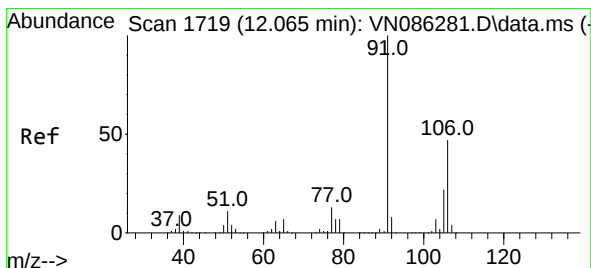
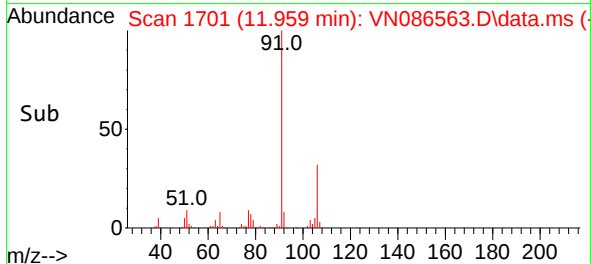
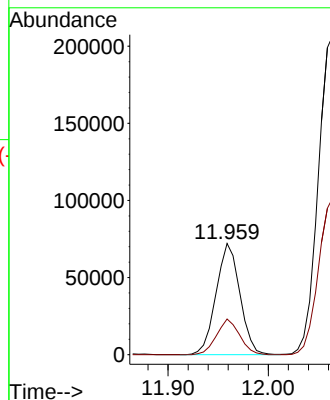
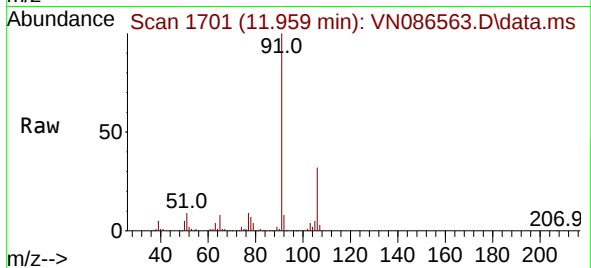
3848DL

Tgt Ion: 91 Resp: 118835

Ion Ratio Lower Upper

91 100

106 32.1 24.3 36.5



#68

m/p-Xylenes

Concen: 30.739 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN086563.D

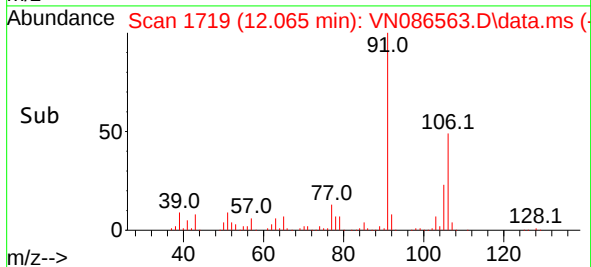
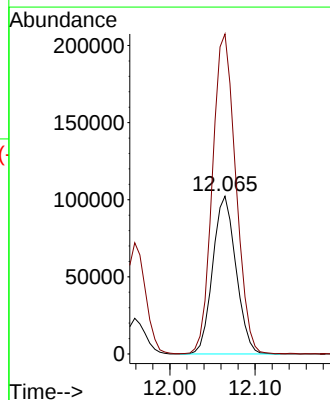
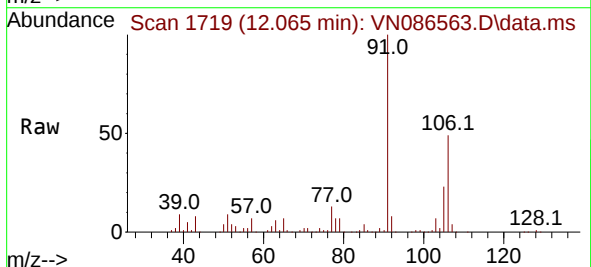
Acq: 09 May 2025 15:31

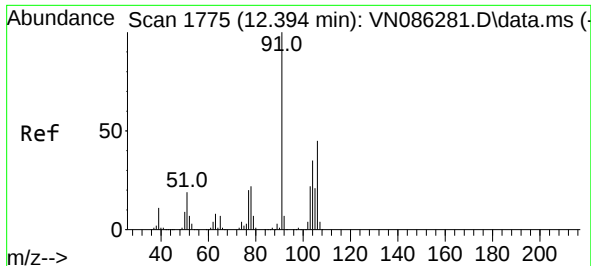
Tgt Ion: 106 Resp: 193993

Ion Ratio Lower Upper

106 100

91 203.8 166.5 249.7

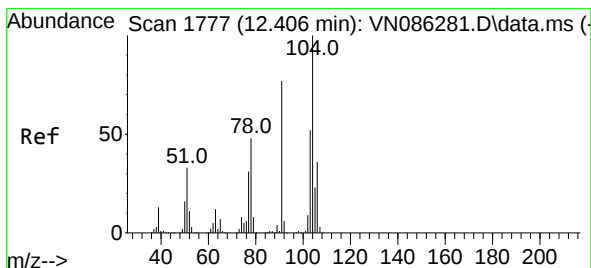
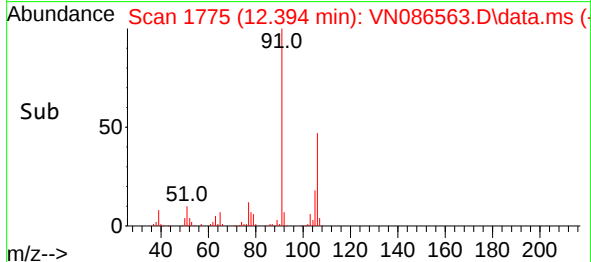
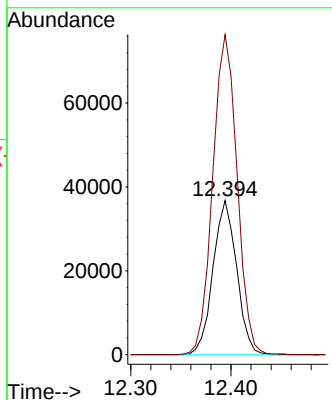
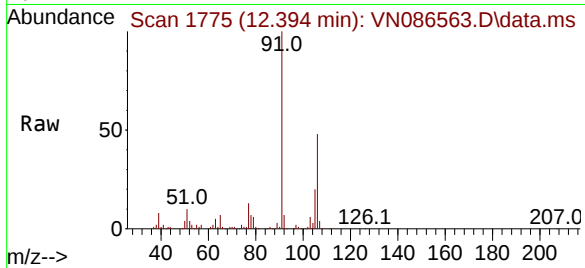




#69  
o-Xylene  
Concen: 9.617 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

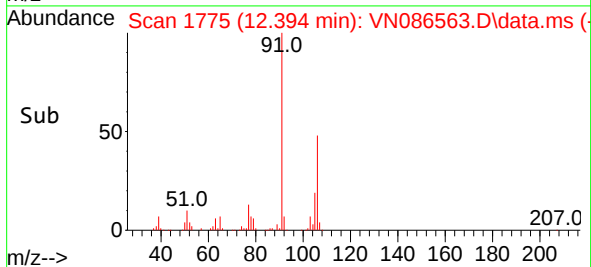
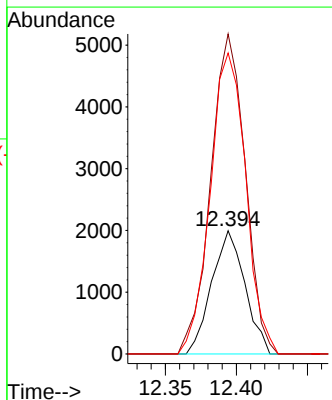
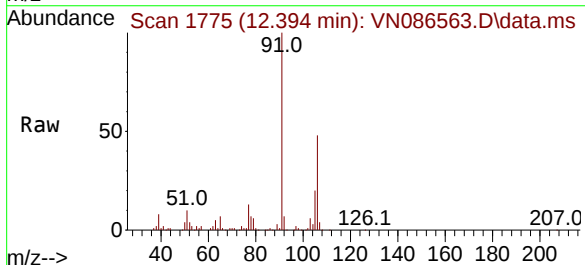
Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

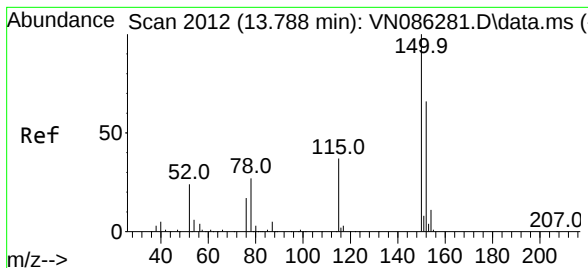
Tgt Ion:106 Resp: 60021  
Ion Ratio Lower Upper  
106 100  
91 214.5 109.7 329.0



#70  
Styrene  
Concen: 0.312 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.012 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Tgt Ion:104 Resp: 3244  
Ion Ratio Lower Upper  
104 100  
78 270.3 40.6 61.0#  
103 261.9 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN086563.D

Acq: 09 May 2025 15:31

Instrument :

MSVOA\_N

ClientSampleId :

3848DL

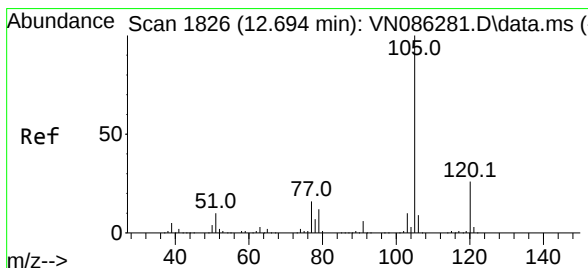
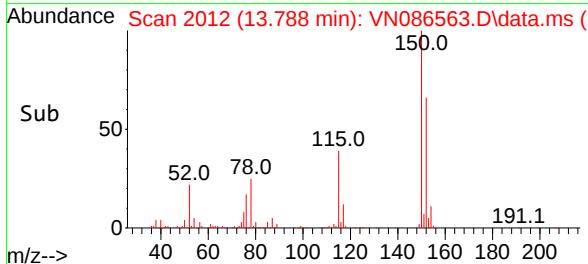
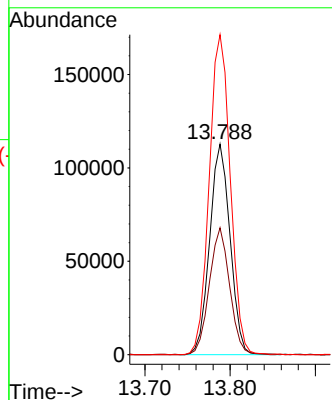
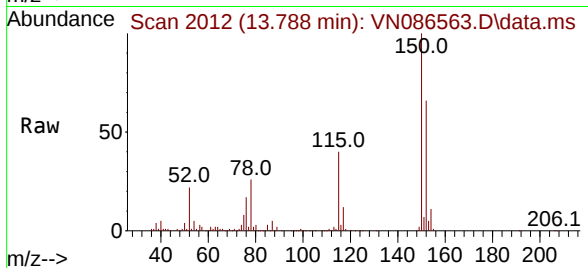
Tgt Ion:152 Resp: 187811

Ion Ratio Lower Upper

152 100

115 60.1 31.9 95.9

150 156.8 0.0 352.0



#73

Isopropylbenzene

Concen: 0.556 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086563.D

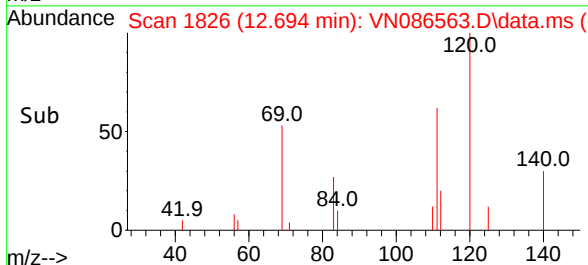
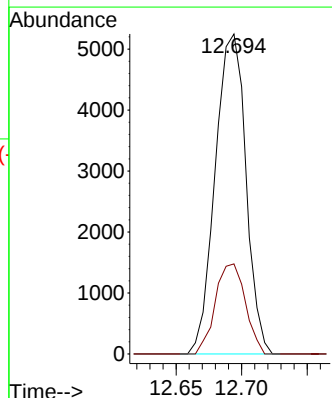
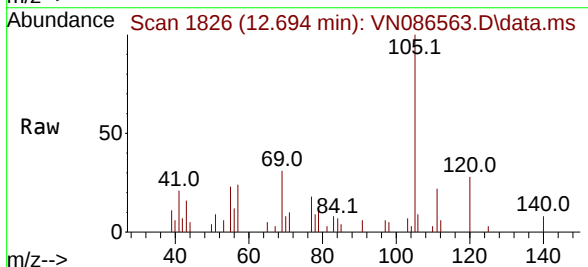
Acq: 09 May 2025 15:31

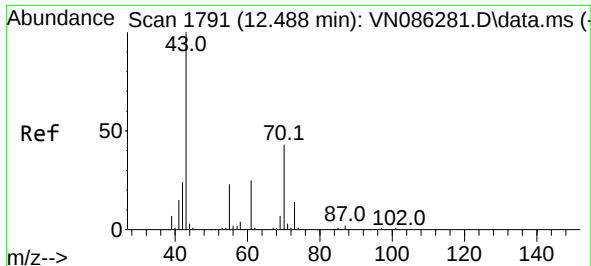
Tgt Ion:105 Resp: 8540

Ion Ratio Lower Upper

105 100

120 27.5 13.1 39.3

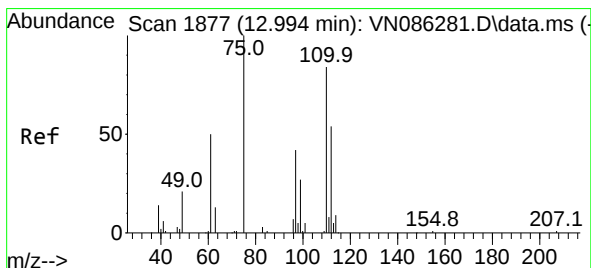
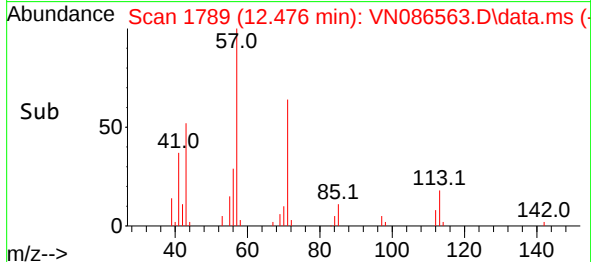
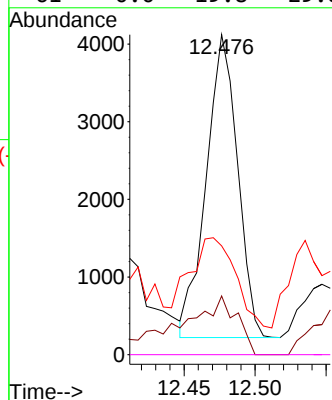
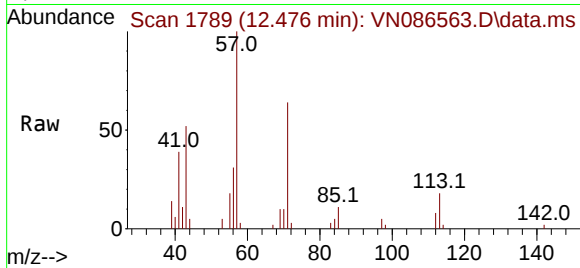




#74  
N-amy1 acetate  
Concen: 0.781 ug/l  
RT: 12.476 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

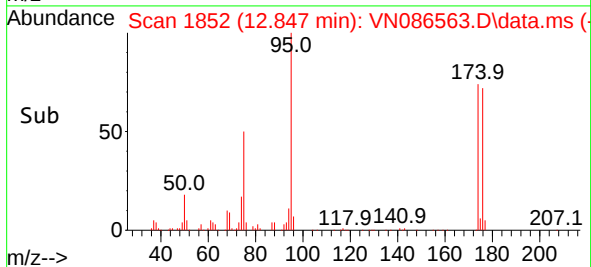
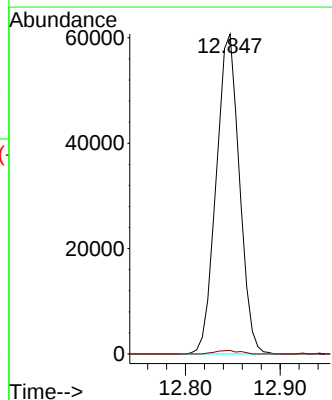
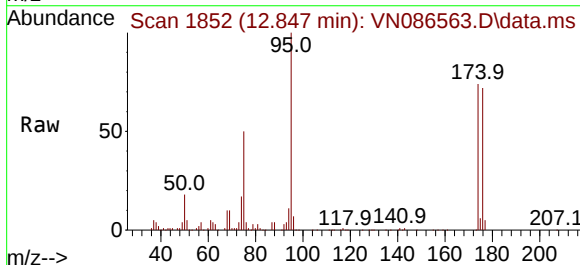
Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

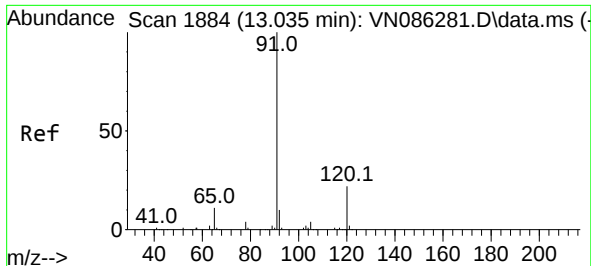
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 5975  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 33.4     | 35.0 52.4#  |
| 55 43.7     | 19.0 28.4#  |
| 61 0.0      | 19.8 29.8#  |



#76  
1,2,3-Trichloropropane  
Concen: 23.311 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.147 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

|             |              |
|-------------|--------------|
| Tgt Ion: 75 | Resp: 103317 |
| Ion Ratio   | Lower Upper  |
| 75 100      |              |
| 77 1.1      | 98.8 296.4#  |

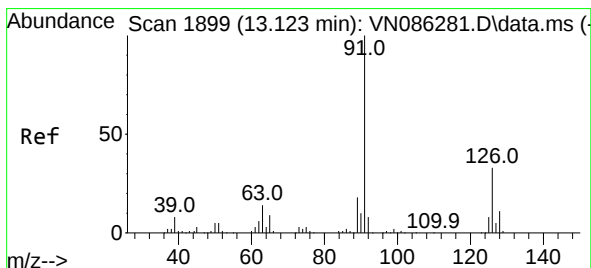
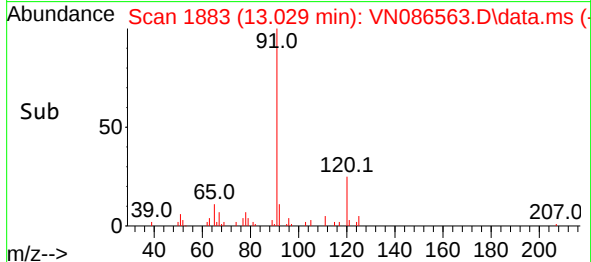
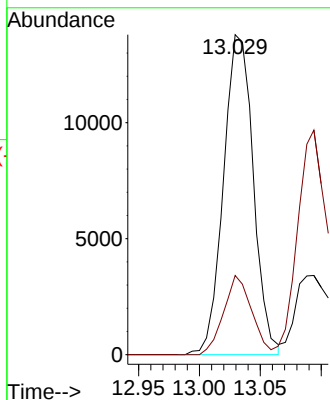
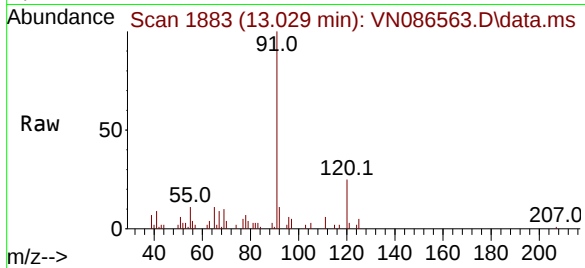




#78  
n-propylbenzene  
Concen: 1.299 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. -0.006 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

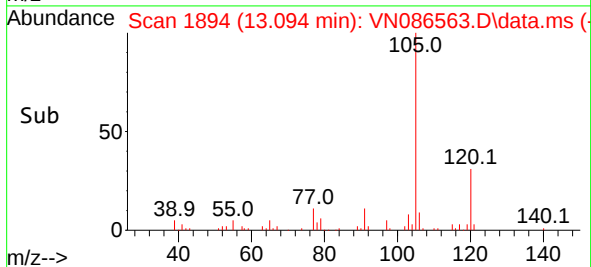
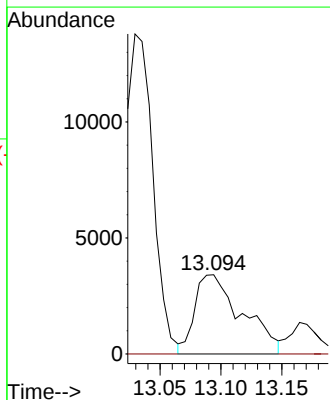
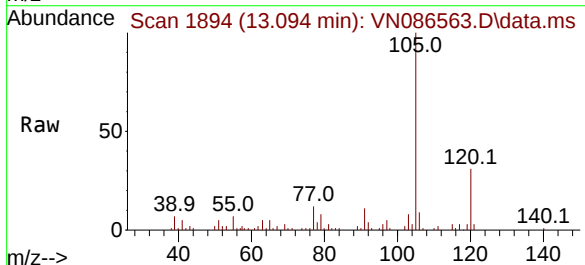
Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

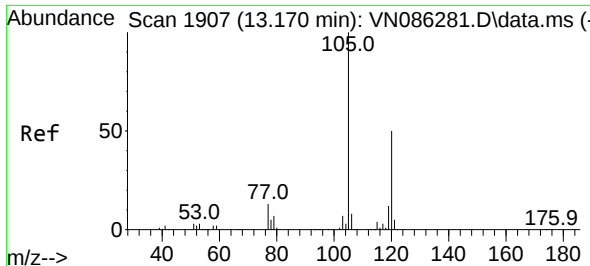
Tgt Ion: 91 Resp: 23508  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.1 33.3



#79  
2-Chlorotoluene  
Concen: 0.812 ug/l  
RT: 13.094 min Scan# 1894  
Delta R.T. -0.029 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Tgt Ion: 91 Resp: 9197  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.1 48.2#

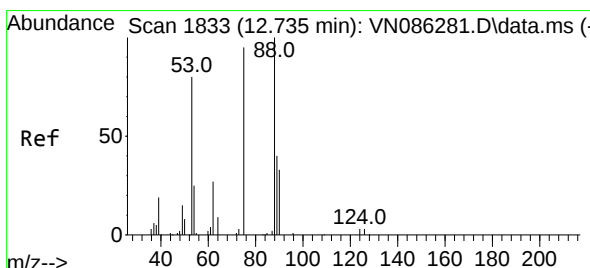
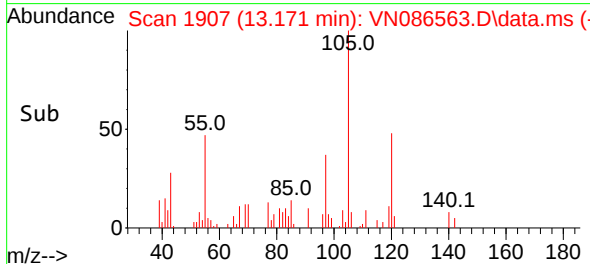
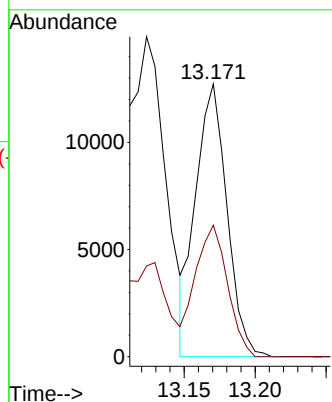
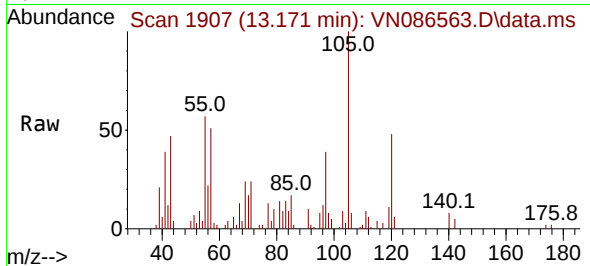




#80  
1,3,5-Trimethylbenzene  
Concen: 1.552 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

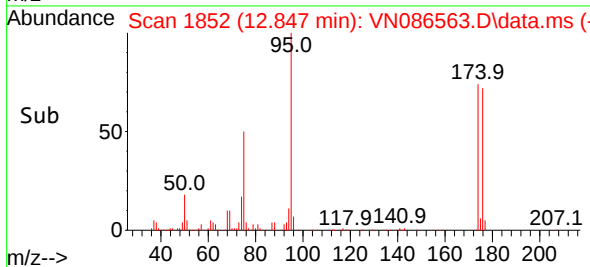
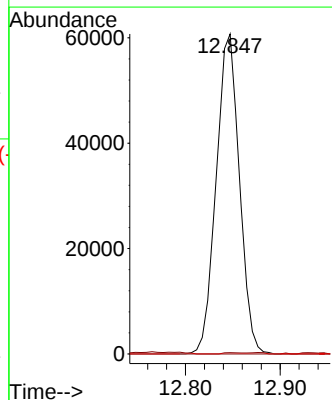
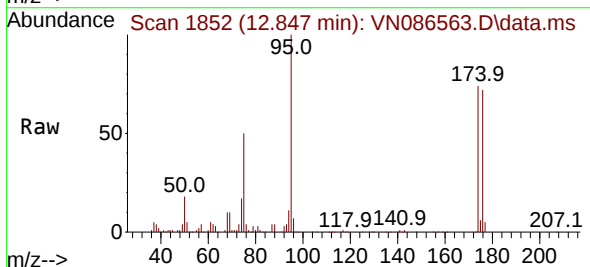
Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

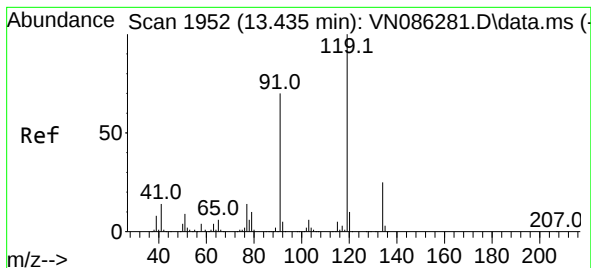
Tgt Ion:105 Resp: 19513  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.5 73.5



#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.985 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Tgt Ion: 75 Resp: 103317  
Ion Ratio Lower Upper  
75 100  
53 0.3 79.2 118.8#  
89 0.0 35.7 53.5#





#83

tert-Butylbenzene

Concen: 0.749 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.041 min

Lab File: VN086563.D

Acq: 09 May 2025 15:31

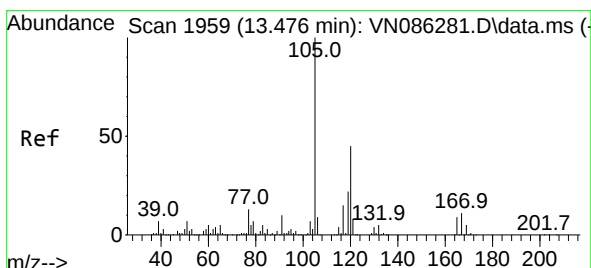
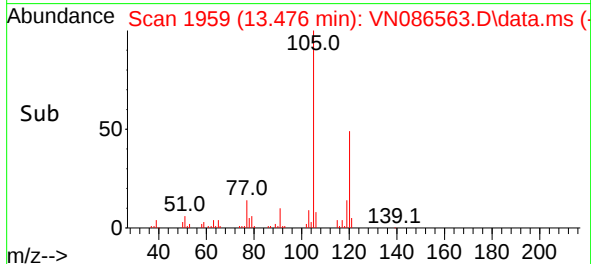
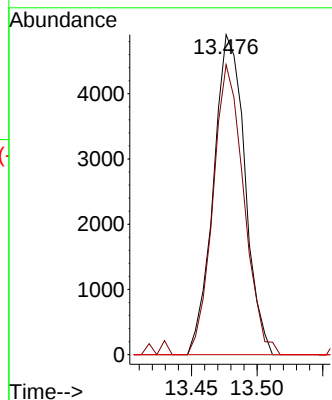
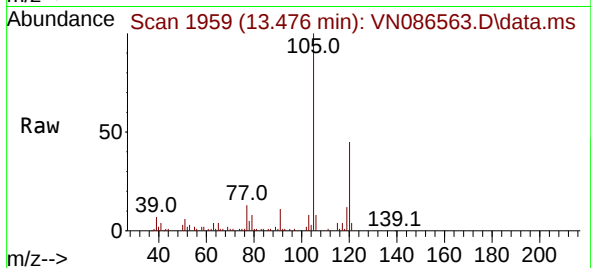
Instrument :

MSVOA\_N

ClientSampleId :

3848DL

Tgt Ion:119 Resp: 8160  
 Ion Ratio Lower Upper  
 119 100  
 91 88.9 34.4 103.3  
 134 0.0 13.0 39.0#



#84

1,2,4-Trimethylbenzene

Concen: 5.390 ug/l

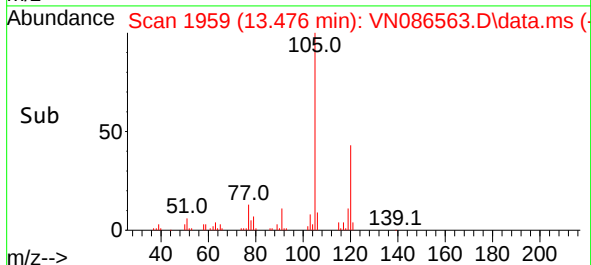
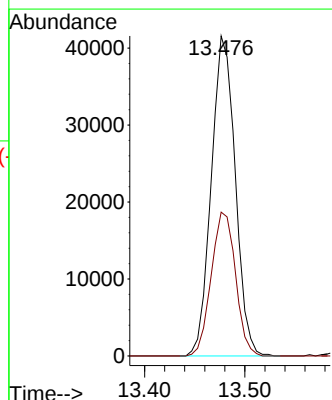
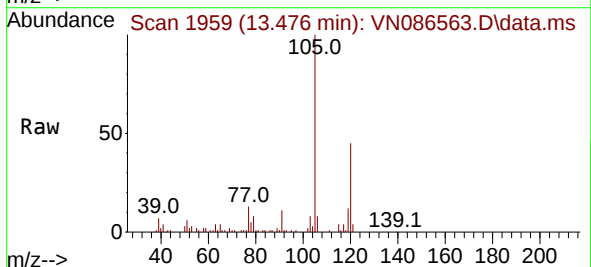
RT: 13.476 min Scan# 1959

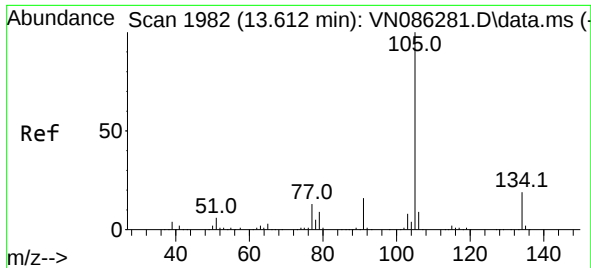
Delta R.T. 0.000 min

Lab File: VN086563.D

Acq: 09 May 2025 15:31

Tgt Ion:105 Resp: 68984  
 Ion Ratio Lower Upper  
 105 100  
 120 45.6 22.4 67.3

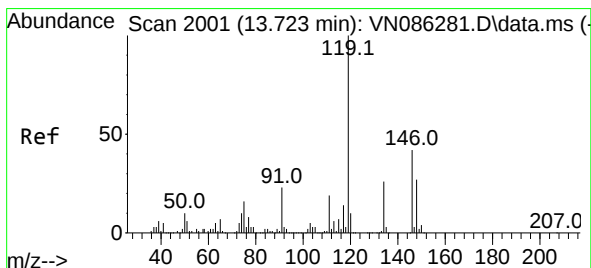
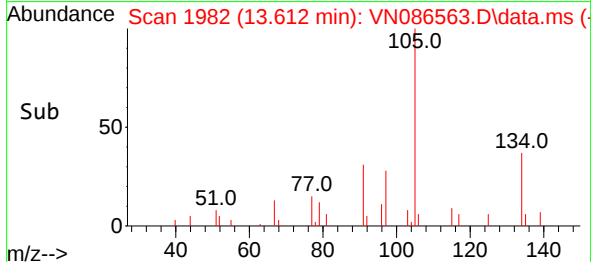
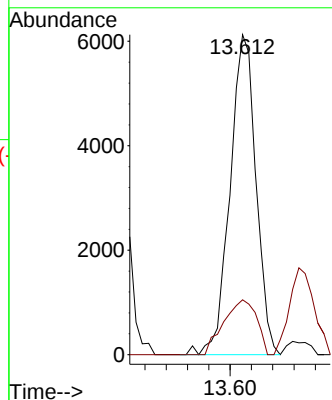
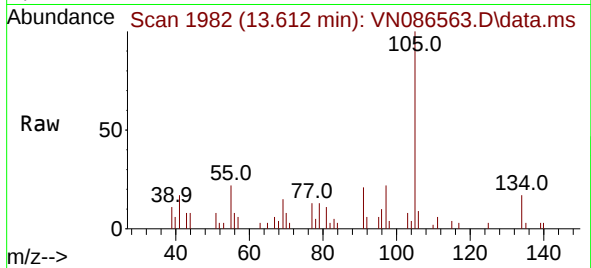




#85  
 sec-Butylbenzene  
 Concen: 0.686 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. 0.000 min  
 Lab File: VN086563.D  
 Acq: 09 May 2025 15:31

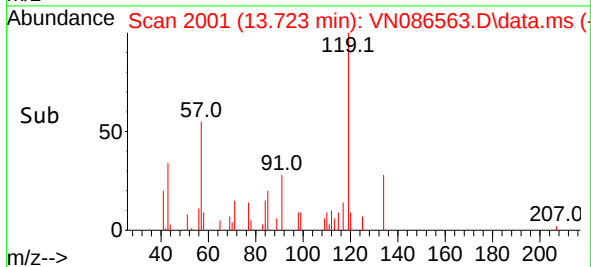
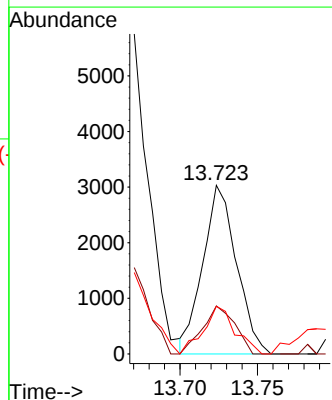
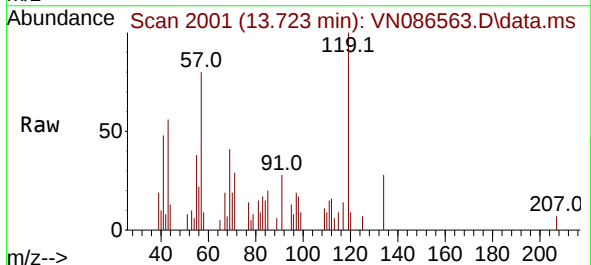
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 3848DL

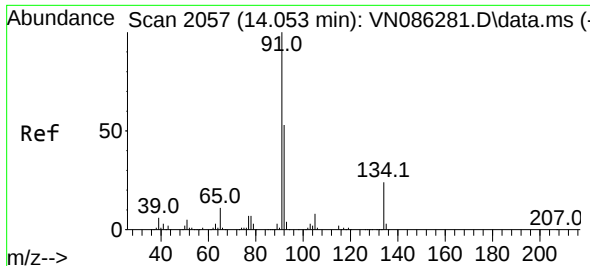
Tgt Ion:105 Resp: 10370  
 Ion Ratio Lower Upper  
 105 100  
 134 21.7 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 0.368 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. 0.000 min  
 Lab File: VN086563.D  
 Acq: 09 May 2025 15:31

Tgt Ion:119 Resp: 4578  
 Ion Ratio Lower Upper  
 119 100  
 134 27.3 13.1 39.1  
 91 26.6 11.9 35.9

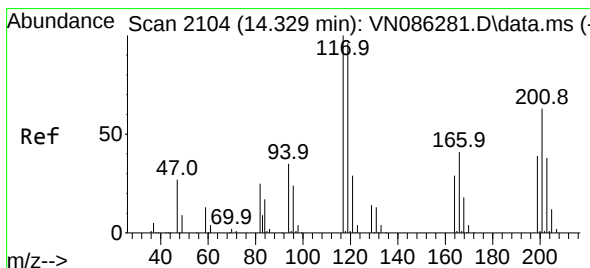
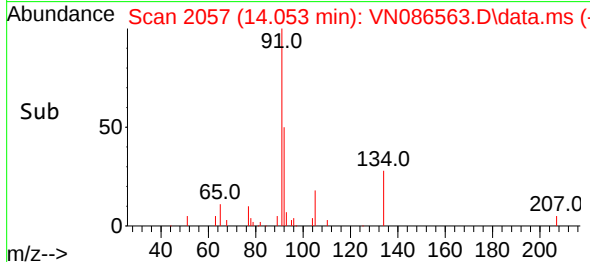
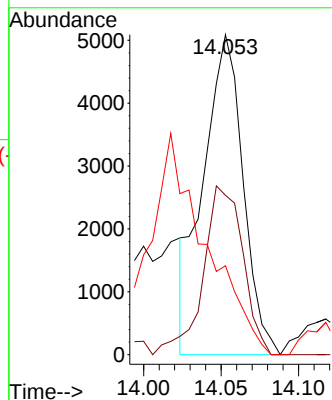
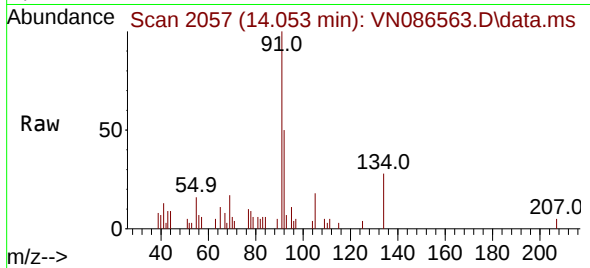




#89  
n-Butylbenzene  
Concen: 0.823 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

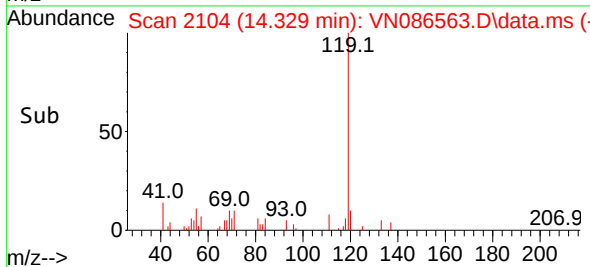
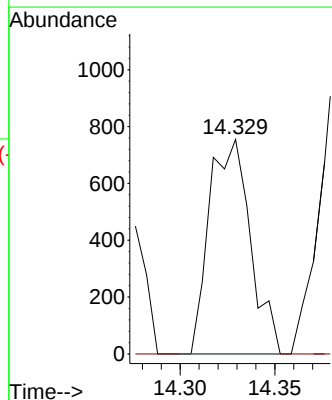
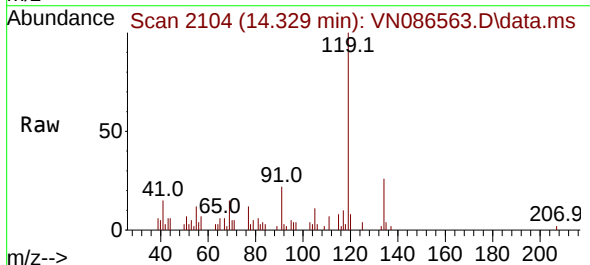
Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL

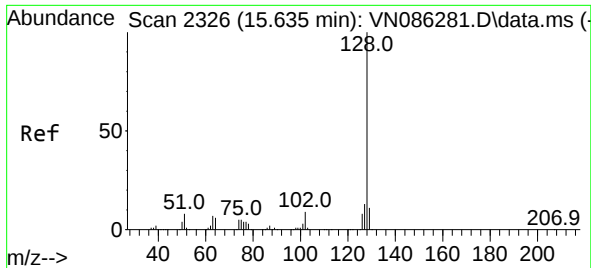
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.5  | 26.8  | 80.4  |
| 134     | 0.0   | 12.2  | 36.6  |



#90  
Hexachloroethane  
Concen: 0.543 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

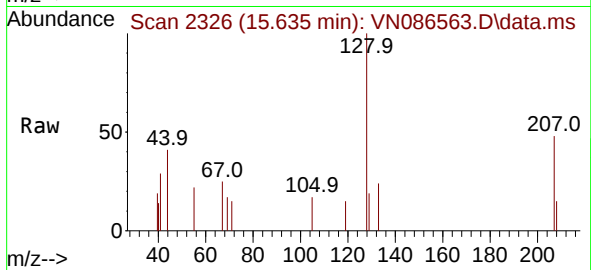
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 0.0   | 31.4  | 94.2  |





#95  
Naphthalene  
Concen: 0.208 ug/l  
RT: 15.635 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN086563.D  
Acq: 09 May 2025 15:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
3848DL



Tgt Ion:128 Resp: 2192  
Ion Ratio Lower Upper  
128 100  
127 2.7 10.2 15.4#  
129 3.5 8.6 13.0#

