

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110424\  
 Data File : VN084657.D  
 Acq On : 04 Nov 2024 15:05  
 Operator : JC\MD  
 Sample : P4660-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 05 00:27:21 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

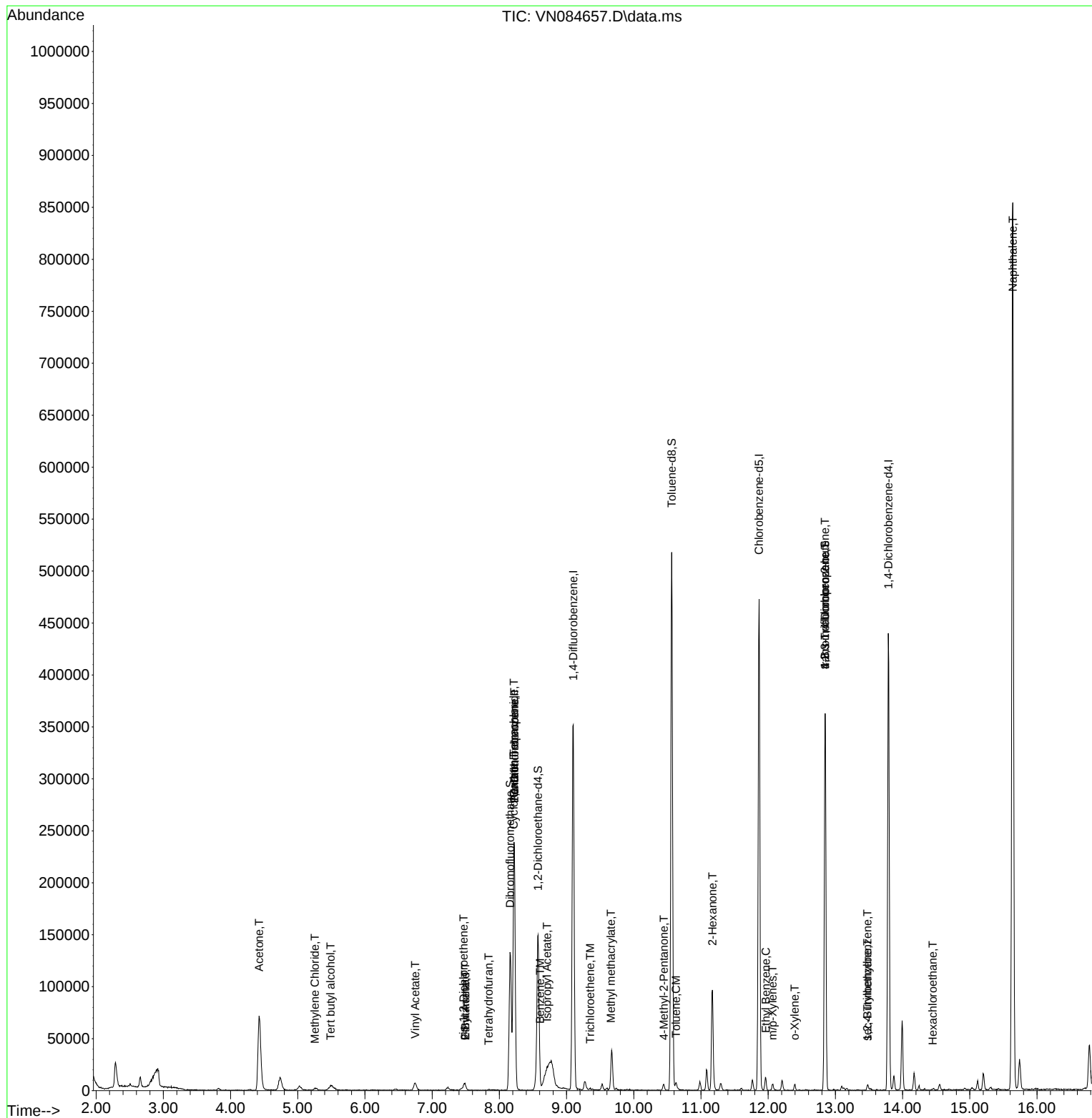
| Compound                      | R.T.           | QIon | Response            | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-----------|--------|----------|
| -----                         |                |      |                     |           |        |          |
| Internal Standards            |                |      |                     |           |        |          |
| 1) Pentafluorobenzene         | 8.224          | 168  | 171677              | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.100          | 114  | 307928              | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.865         | 117  | 271085              | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.788         | 152  | 119210              | 50.000    | ug/l   | 0.00     |
|                               |                |      |                     |           |        |          |
| System Monitoring Compounds   |                |      |                     |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.577          | 65   | 125124              | 50.461    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 100.920% |           |        |          |
| 35) Dibromofluoromethane      | 8.159          | 113  | 96009               | 46.063    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 92.120%  |           |        |          |
| 50) Toluene-d8                | 10.565         | 98   | 354149              | 46.126    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 92.260%  |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.847         | 95   | 130070              | 45.329    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = 90.660%  |           |        |          |
|                               |                |      |                     |           |        |          |
| Target Compounds              |                |      |                     |           |        |          |
|                               |                |      |                     |           | Qvalue |          |
| 3) Chloromethane              | 2.365          | 50   | 557                 | Below Cal | #      | 41       |
| 6) Chloroethane               | 3.118          | 64   | 327                 | Below Cal | #      | 45       |
| 11) Tert butyl alcohol        | 5.488          | 59   | 3596                | 10.987    | ug/l # | 73       |
| 16) Acetone                   | 4.424          | 43   | 135767              | 188.852   | ug/l   | 98       |
| 18) Methyl Acetate            | 5.030          | 43   | 8747                | Below Cal |        | 98       |
| 20) Methylene Chloride        | 5.253          | 84   | 1435                | 0.658     | ug/l # | 54       |
| 23) Vinyl Acetate             | 6.747          | 43   | 1077                | 0.248     | ug/l # | 72       |
| 25) 2-Butanone                | 7.494          | 43   | 4098                | 3.542     | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene    | 7.471          | 96   | 3256                | 1.389     | ug/l   | 86       |
| 29) Tetrahydrofuran           | 7.841          | 42   | 569                 | 0.741     | ug/l # | 42       |
| 31) Cyclohexane               | 8.212          | 56   | 4071                | 1.189     | ug/l # | 31       |
| 36) 1,1-Dichloropropene       | 8.224          | 75   | 14265               | 4.935     | ug/l # | 50       |
| 37) Ethyl Acetate             | 7.494          | 43   | 4098                | 1.563     | ug/l # | 1        |
| 38) Carbon Tetrachloride      | 8.218          | 117  | 18721               | 5.794     | ug/l # | 16       |
| 40) Benzene                   | 8.606          | 78   | 3952                | 0.426     | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.712          | 43   | 25513               | 4.385     | ug/l # | 56       |
| 44) Trichloroethene           | 9.353          | 130  | 541                 | 0.253     | ug/l   | 64       |
| 48) Methyl methacrylate       | 9.659          | 41   | 3238                | 1.586     | ug/l # | 37       |
| 51) 4-Methyl-2-Pentanone      | 10.447         | 43   | 4761                | 1.904     | ug/l   | 89       |
| 52) Toluene                   | 10.629         | 92   | 2745                | 0.506     | ug/l   | 84       |
| 59) 2-Hexanone                | 11.170         | 43   | 76232               | 41.889    | ug/l # | 24       |
| 67) Ethyl Benzene             | 11.965         | 91   | 9293                | 0.918     | ug/l   | 94       |
| 68) m/p-Xylenes               | 12.065         | 106  | 2192                | 0.572     | ug/l   | 93       |
| 69) o-Xylene                  | 12.394         | 106  | 1411                | 0.394     | ug/l   | 81       |
| 76) 1,2,3-Trichloropropane    | 12.847         | 75   | 68424               | 28.714    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.847         | 75   | 68424               | 68.121    | ug/l # | 11       |
| 84) 1,2,4-Trimethylbenzene    | 13.476         | 105  | 4044                | 0.566     | ug/l   | 92       |
| 85) sec-Butylbenzene          | 13.476         | 105  | 4044                | 0.500     | ug/l # | 57       |
| 88) 1,4-Dichlorobenzene       | 13.806         | 146  | 259                 | Below Cal | #      | 61       |
| 90) Hexachloroethane          | 14.447         | 117  | 520                 | 0.351     | ug/l # | 15       |
| 95) Naphthalene               | 15.641         | 128  | 777512              | 112.684   | ug/l   | 99       |
| -----                         |                |      |                     |           |        |          |

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

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Sample : P4660-01  
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ALS Vial : 1 Sample Multiplier: 1

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MSVOA\_N  
ClientSampleId :

Quant Time: Nov 05 00:27:21 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

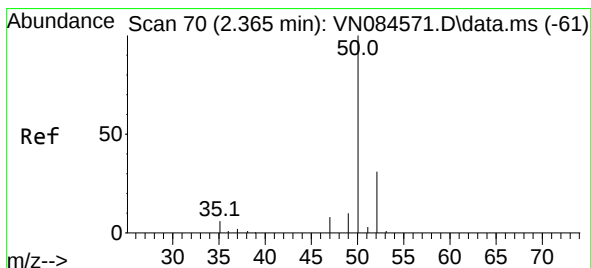
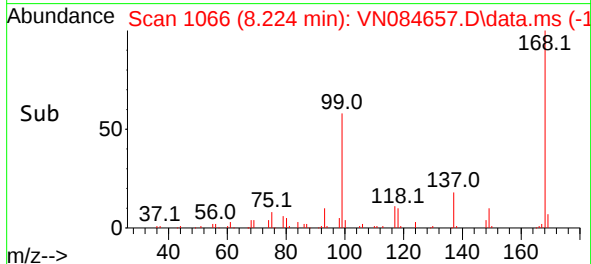
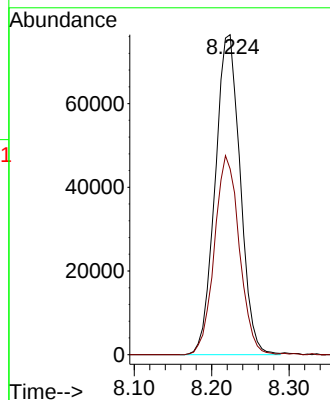
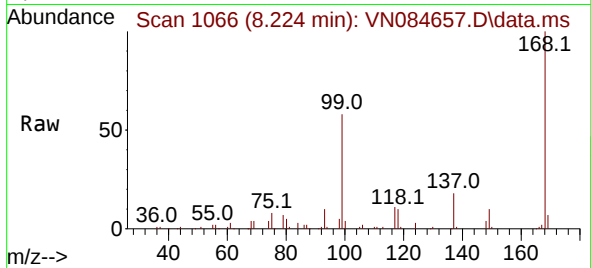




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

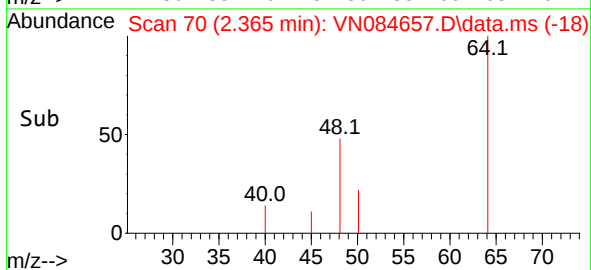
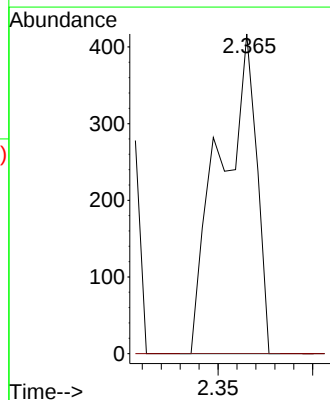
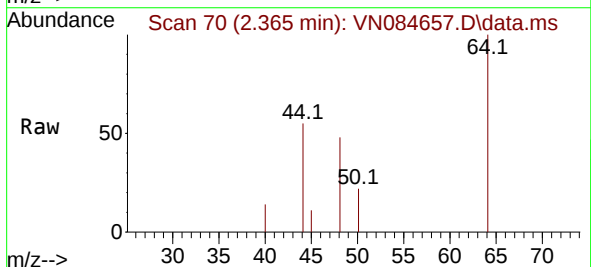
Instrument :  
MSVOA\_N  
ClientSampleId :

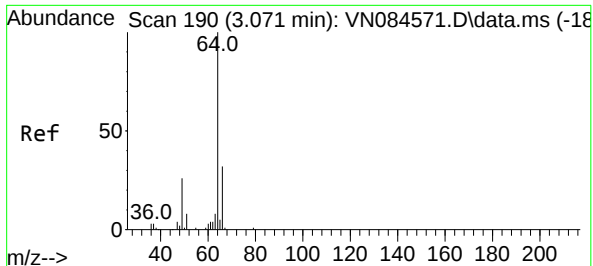
Tgt Ion:168 Resp: 171677  
Ion Ratio Lower Upper  
168 100  
99 58.1 54.2 81.2



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

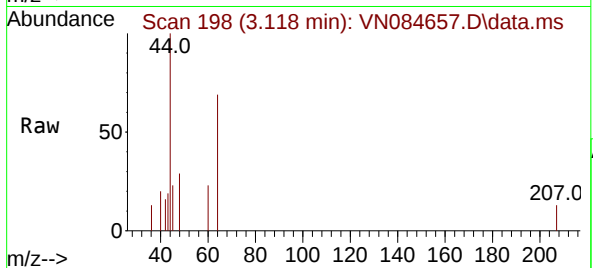
Tgt Ion: 50 Resp: 557  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.8 40.2#



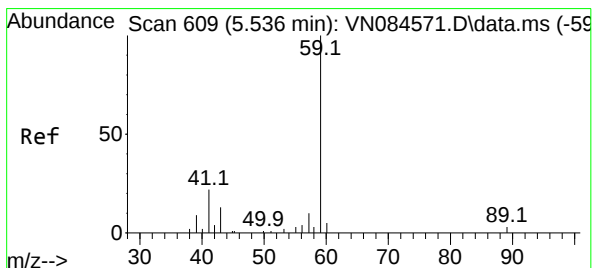
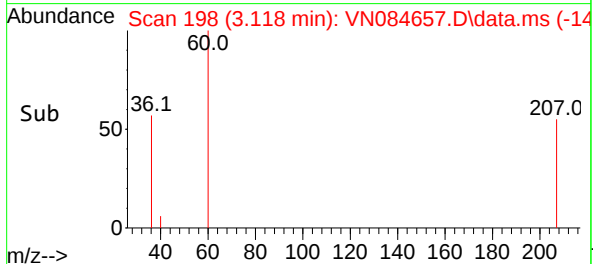
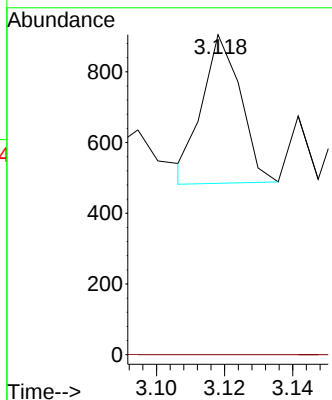


#6  
Chloroethane  
Concen: Below Cal  
RT: 3.118 min Scan# 190  
Delta R.T. 0.000 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Instrument :  
MSVOA\_N  
ClientSampleId :

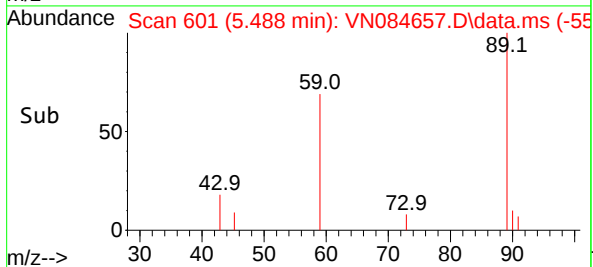
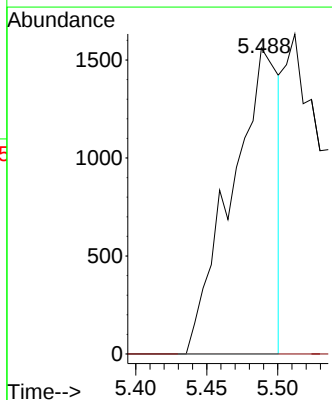
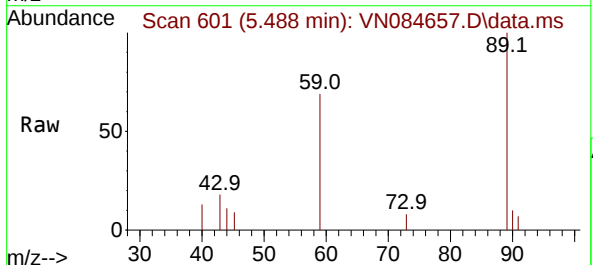


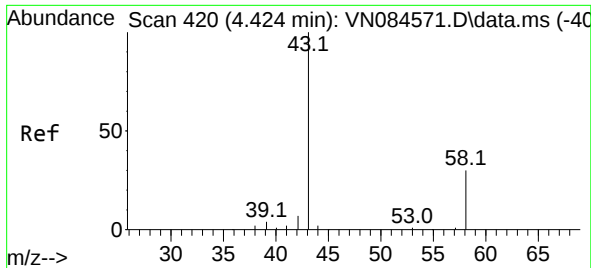
Tgt Ion: 64 Resp: 327  
Ion Ratio Lower Upper  
64 100  
66 0.0 23.5 35.3#



#11  
Tert butyl alcohol  
Concen: 10.987 ug/l  
RT: 5.488 min Scan# 601  
Delta R.T. -0.035 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Tgt Ion: 59 Resp: 3596  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#

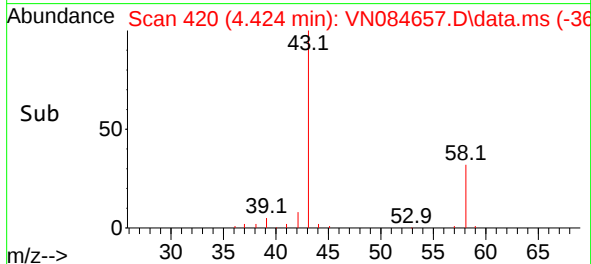
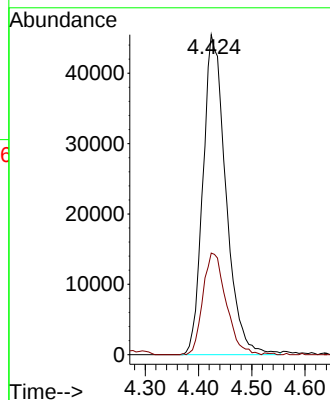
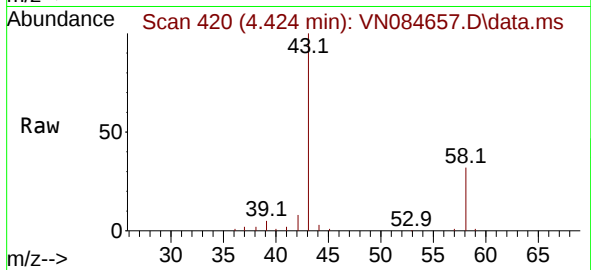




#16  
Acetone  
Concen: 188.852 ug/l  
RT: 4.424 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

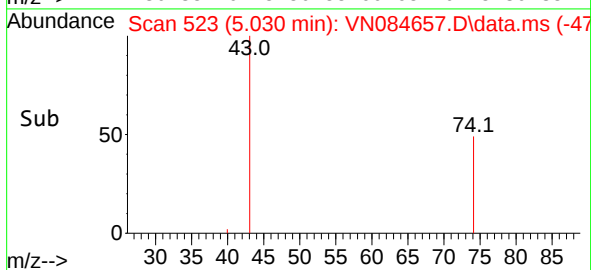
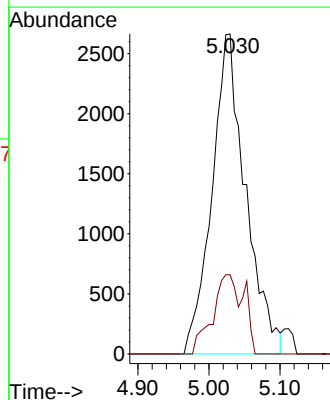
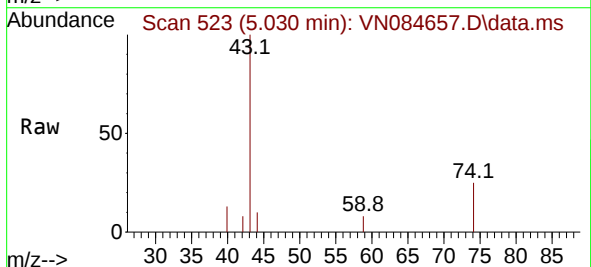
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 135767  
Ion Ratio Lower Upper  
43 100  
58 31.8 24.4 36.6



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 5.030 min Scan# 523  
Delta R.T. 0.012 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

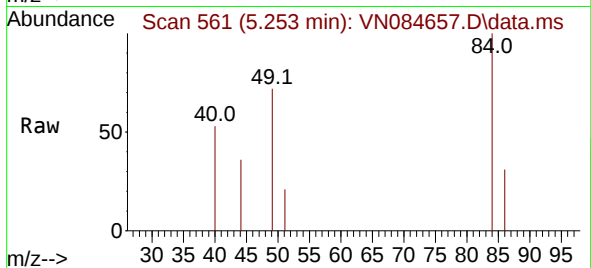
Tgt Ion: 43 Resp: 8747  
Ion Ratio Lower Upper  
43 100  
74 23.0 19.2 28.8



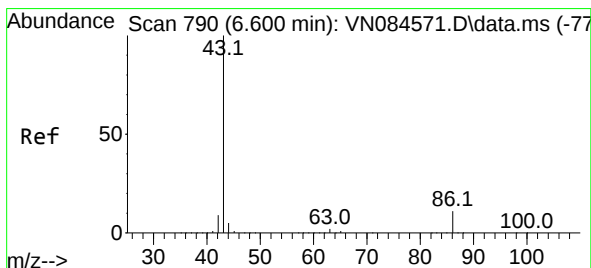
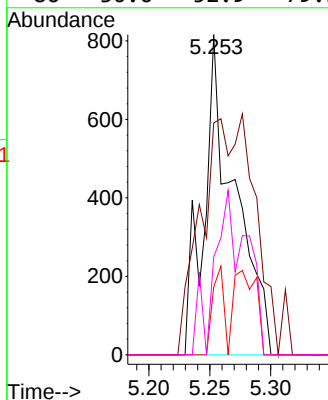
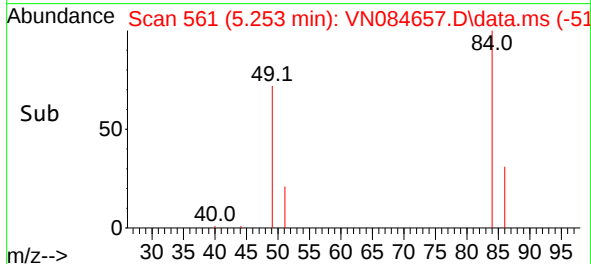


#20  
Methylene Chloride  
Concen: 0.658 ug/l  
RT: 5.253 min Scan# 51  
Delta R.T. -0.024 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Instrument :  
MSVOA\_N  
ClientSampleId :

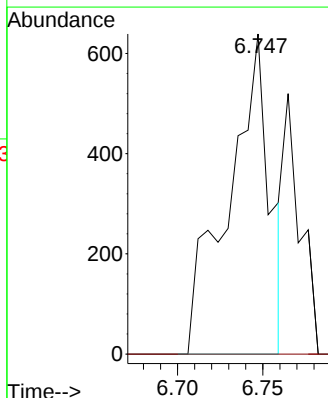
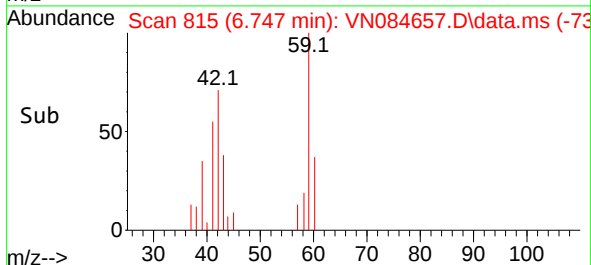
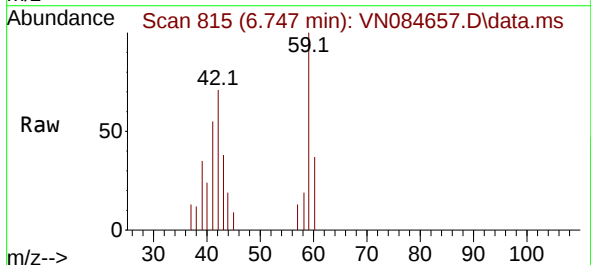


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 1435   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 72.4  | 107.2 | 160.8# |
| 51       | 21.2  | 31.8  | 47.8#  |
| 86       | 30.6  | 52.9  | 79.3#  |



#23  
Vinyl Acetate  
Concen: 0.248 ug/l  
RT: 6.747 min Scan# 815  
Delta R.T. 0.147 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

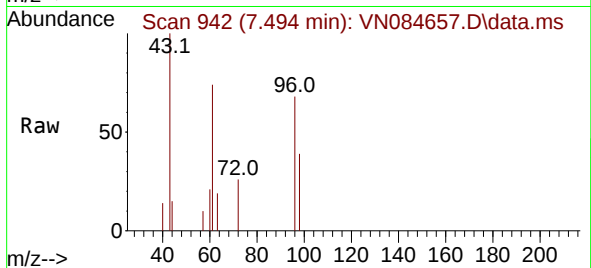
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|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1077  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 0.0   | 8.6   | 12.8# |



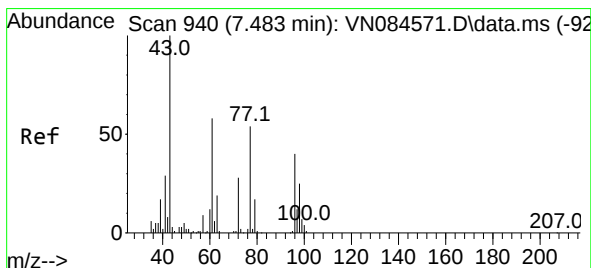
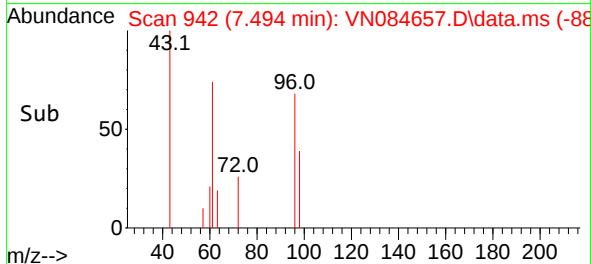
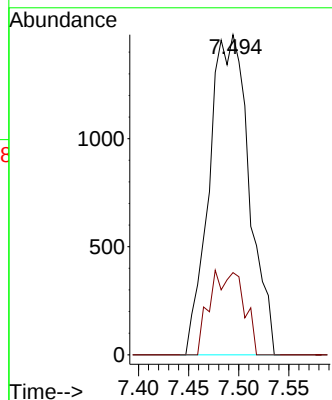


#25  
2-Butanone  
Concen: 3.542 ug/l  
RT: 7.494 min Scan# 941  
Delta R.T. 0.012 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

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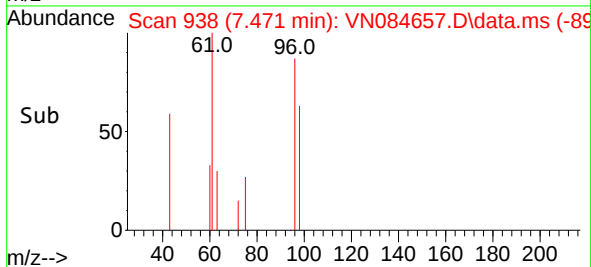
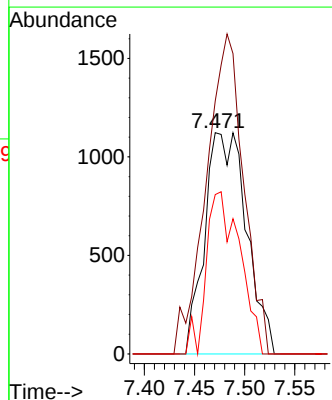
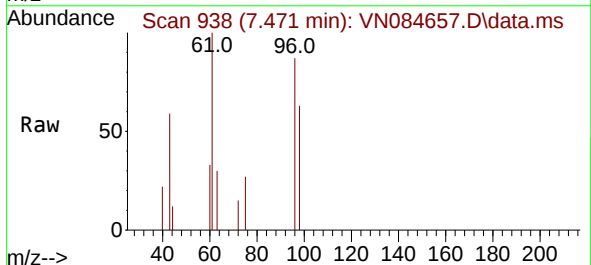


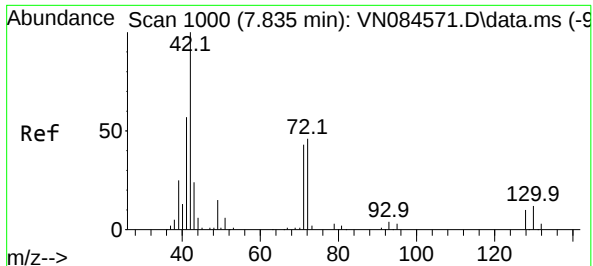
Tgt Ion: 43 Resp: 4098  
Ion Ratio Lower Upper  
43 100  
72 25.7 21.4 32.2



#27  
cis-1,2-Dichloroethene  
Concen: 1.389 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.018 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Tgt Ion: 96 Resp: 3256  
Ion Ratio Lower Upper  
96 100  
61 129.3 0.0 301.8  
98 58.9 0.0 128.2





#29

Tetrahydrofuran

Concen: 0.741 ug/l

RT: 7.841 min Scan# 1064

Delta R.T. 0.006 min

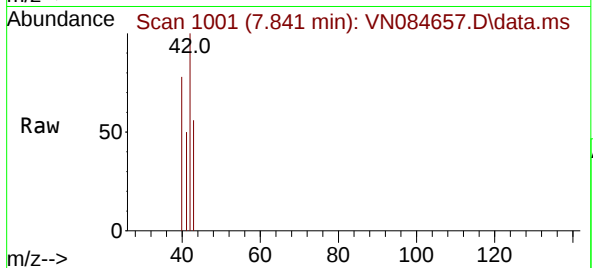
Lab File: VN084657.D

Acq: 04 Nov 2024 15:05

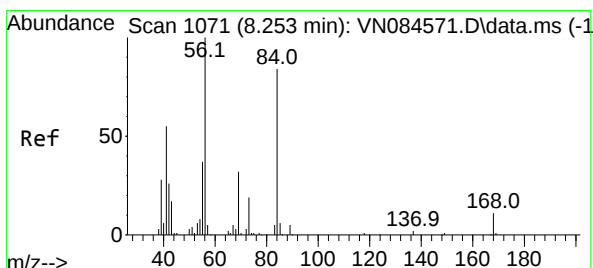
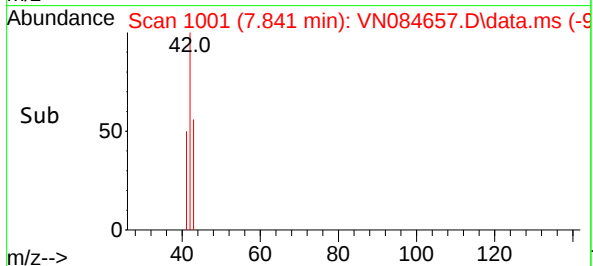
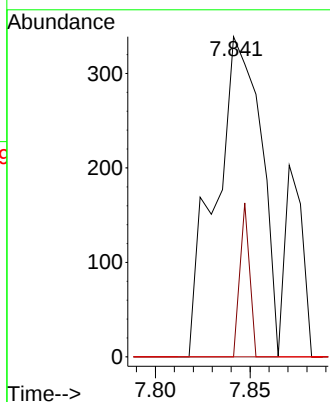
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 569   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 10.2  | 34.6  | 51.8# |
| 71       | 0.0   | 32.2  | 48.4# |



#31

Cyclohexane

Concen: 1.189 ug/l

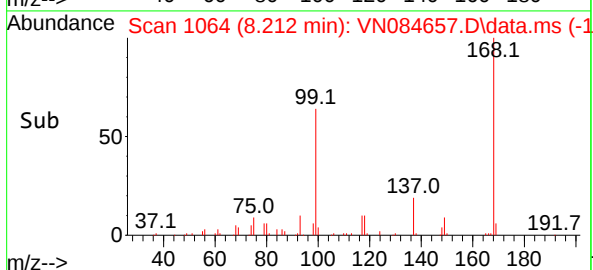
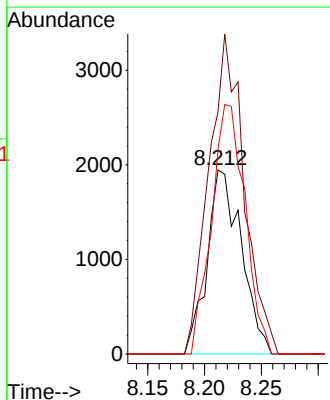
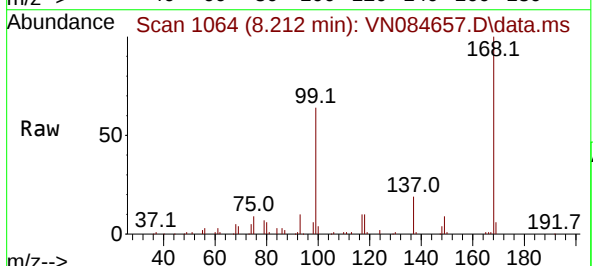
RT: 8.212 min Scan# 1064

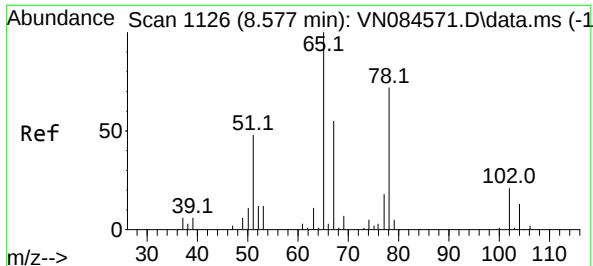
Delta R.T. -0.041 min

Lab File: VN084657.D

Acq: 04 Nov 2024 15:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 4071   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 131.6 | 23.8  | 35.6#  |
| 84       | 111.4 | 68.8  | 103.2# |





#33

1,2-Dichloroethane-d4

Concen: 50.461 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084657.D

Acq: 04 Nov 2024 15:05

Instrument :

MSVOA\_N

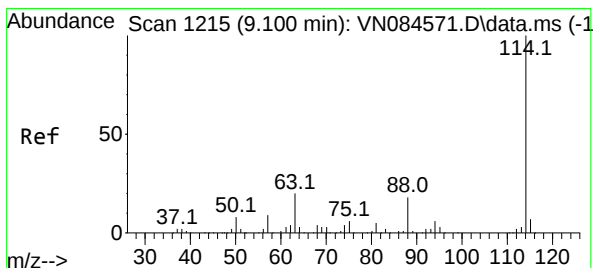
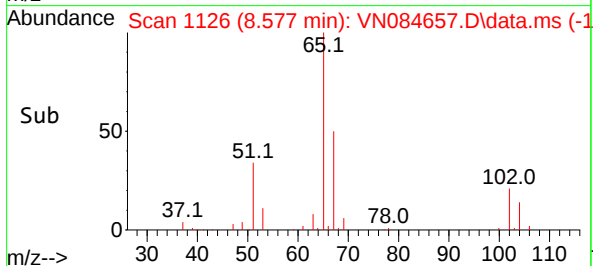
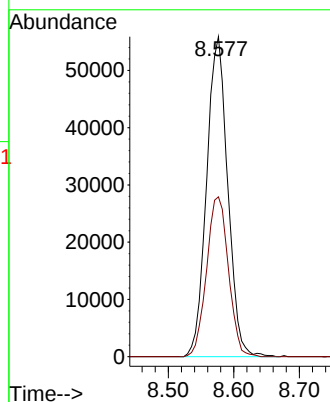
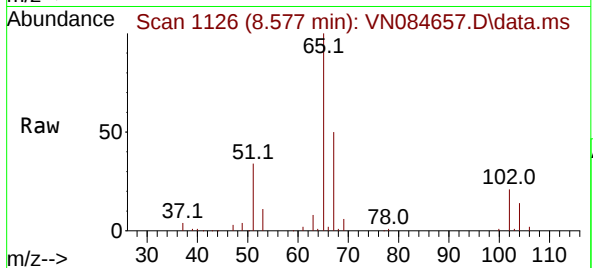
ClientSampleId :

Tgt Ion: 65 Resp: 125124

Ion Ratio Lower Upper

65 100

67 51.6 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: VN084657.D

Acq: 04 Nov 2024 15:05

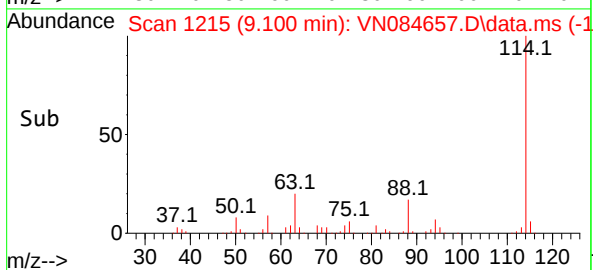
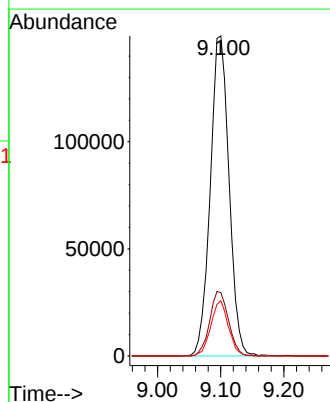
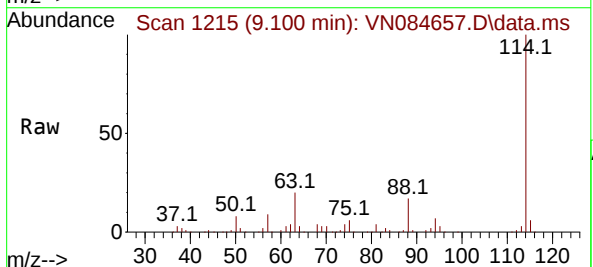
Tgt Ion: 114 Resp: 307928

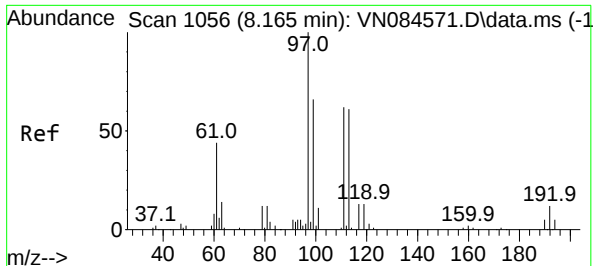
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.8

88 17.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.063 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084657.D

Acq: 04 Nov 2024 15:05

Instrument :

MSVOA\_N

ClientSampleId :

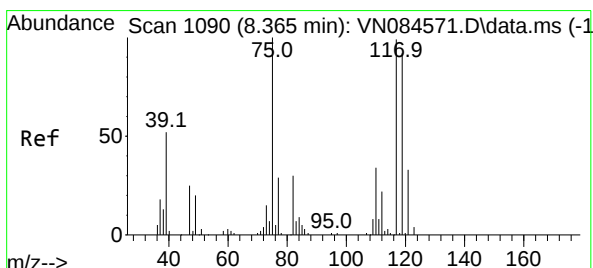
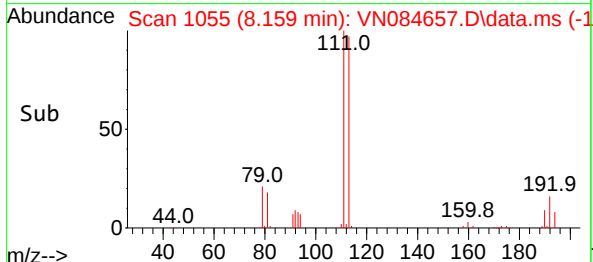
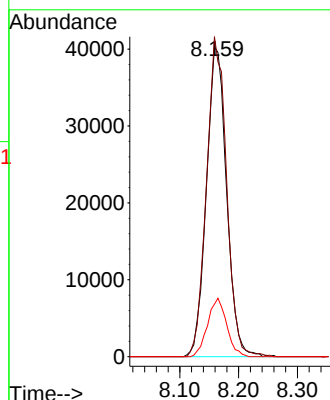
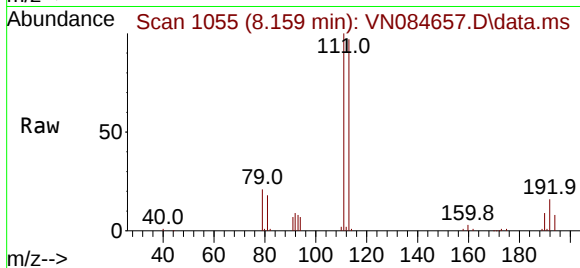
Tgt Ion:113 Resp: 96009

Ion Ratio Lower Upper

113 100

111 102.5 83.3 124.9

192 17.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.935 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084657.D

Acq: 04 Nov 2024 15:05

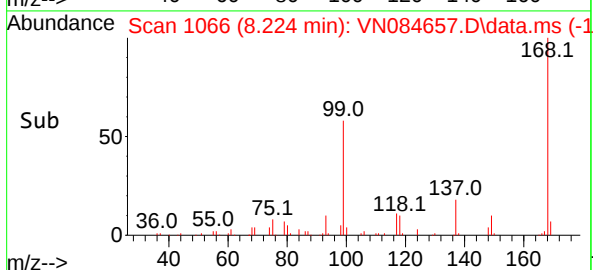
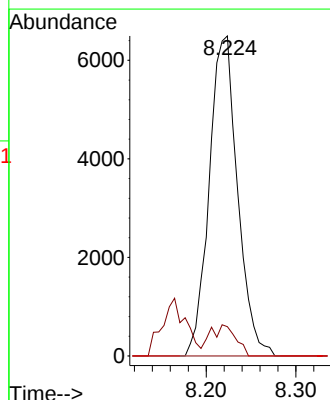
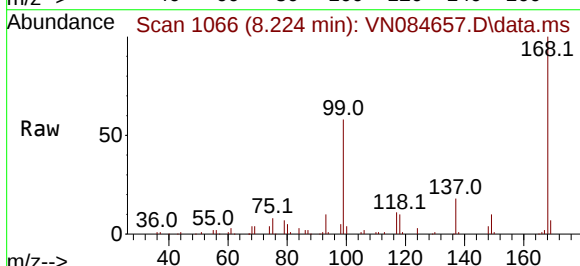
Tgt Ion: 75 Resp: 14265

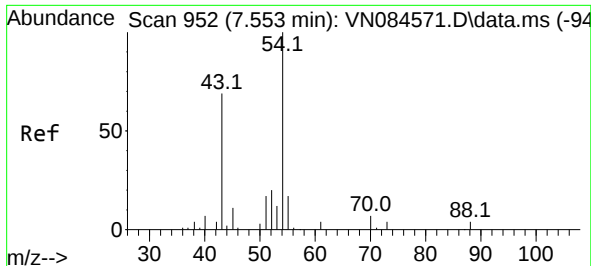
Ion Ratio Lower Upper

75 100

110 8.7 16.9 50.7#

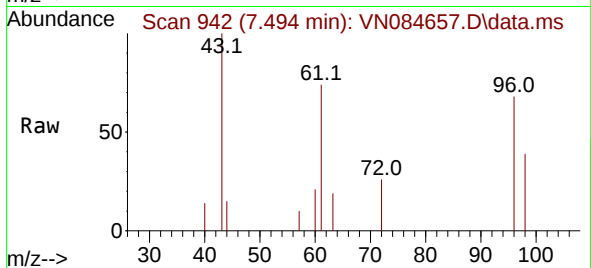
77 0.0 24.7 37.1#



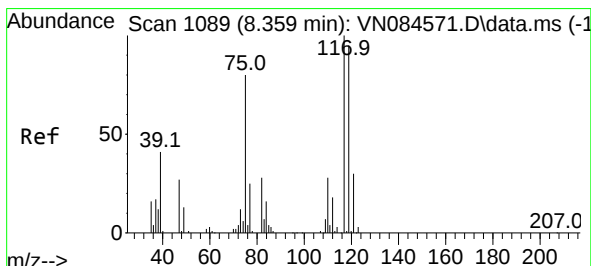
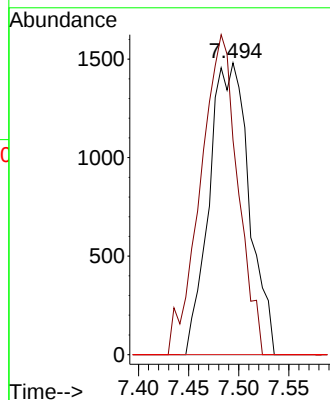
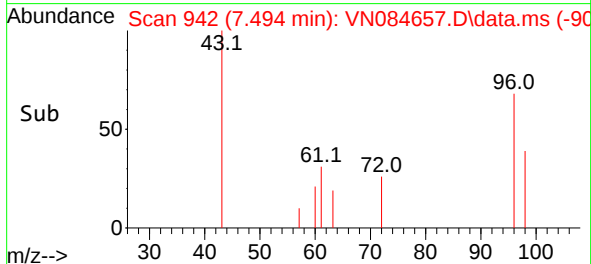


#37  
Ethyl Acetate  
Concen: 1.563 ug/l  
RT: 7.494 min Scan# 94  
Delta R.T. -0.065 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

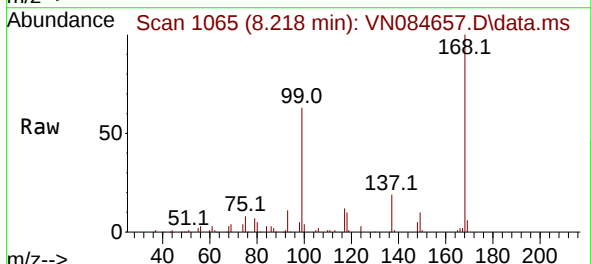
Instrument :  
MSVOA\_N  
ClientSampleId :



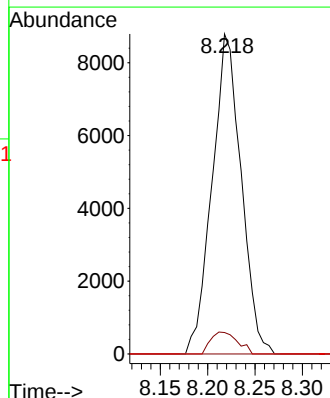
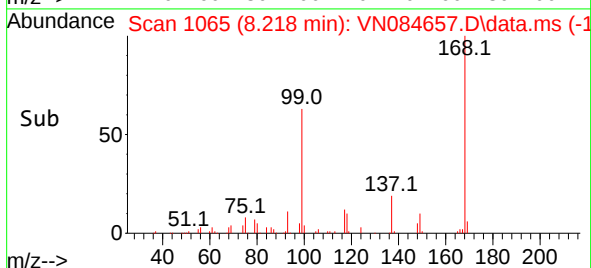
Tgt Ion: 43 Resp: 4098  
Ion Ratio Lower Upper  
43 100  
61 102.8 10.7 16.1#  
70 0.0 8.8 13.2#

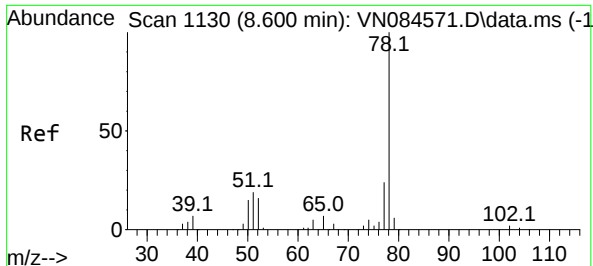


#38  
Carbon Tetrachloride  
Concen: 5.794 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.141 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05



Tgt Ion: 117 Resp: 18721  
Ion Ratio Lower Upper  
117 100  
119 6.7 78.7 118.1#  
121 0.0 24.4 36.6#

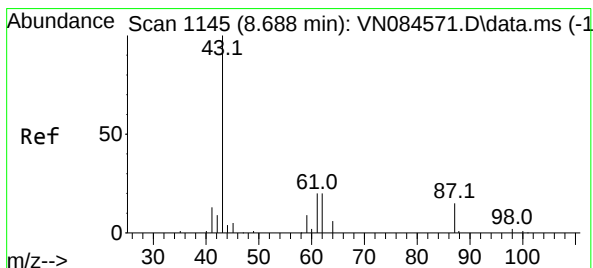
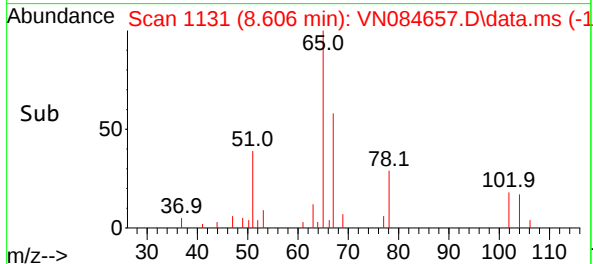
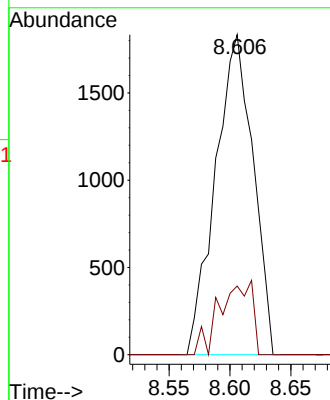
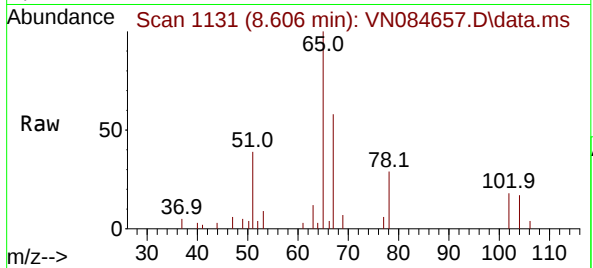




#40  
Benzene  
Concen: 0.426 ug/l  
RT: 8.606 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

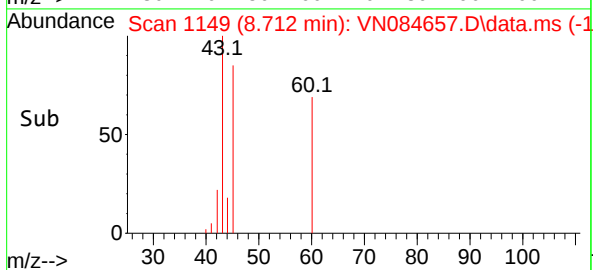
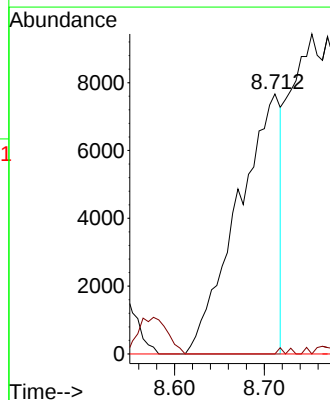
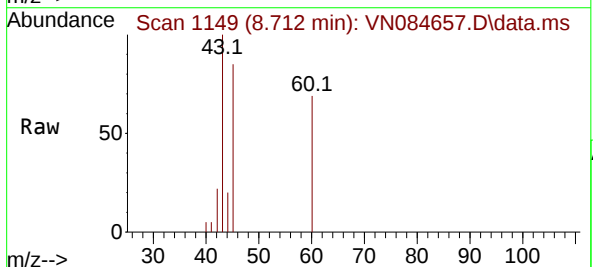
Instrument :  
MSVOA\_N  
ClientSampleId :

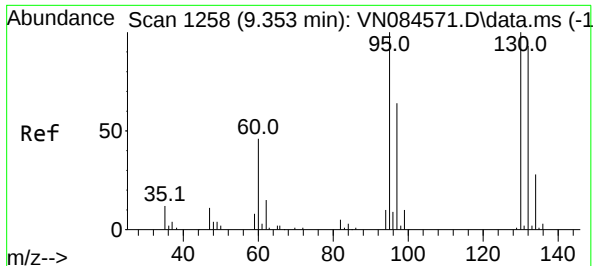
Tgt Ion: 78 Resp: 3952  
Ion Ratio Lower Upper  
78 100  
77 21.4 19.1 28.7



#43  
Isopropyl Acetate  
Concen: 4.385 ug/l  
RT: 8.712 min Scan# 1149  
Delta R.T. 0.024 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Tgt Ion: 43 Resp: 25513  
Ion Ratio Lower Upper  
43 100  
61 0.5 20.4 30.6#  
87 0.0 10.3 15.5#

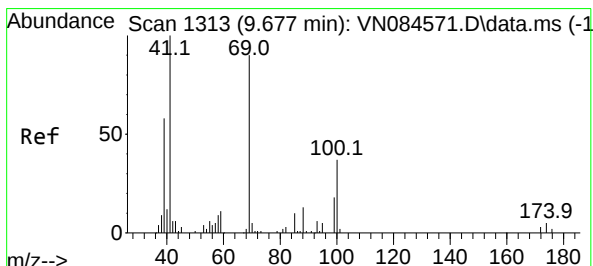
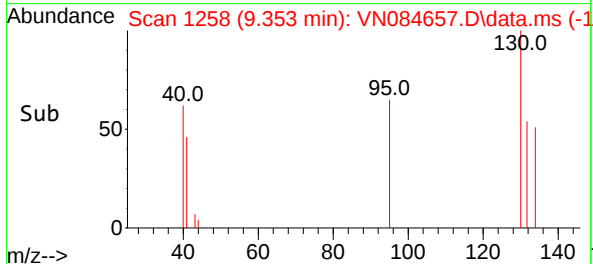
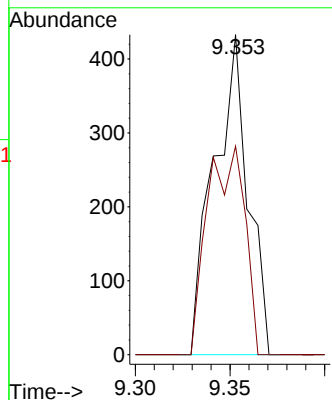
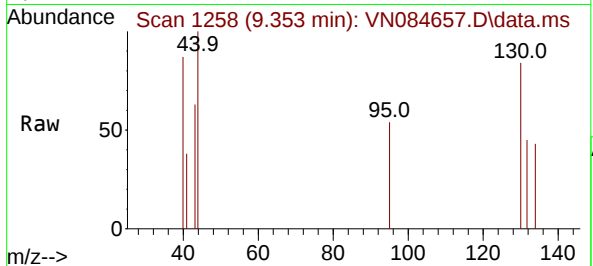




#44  
Trichloroethene  
Concen: 0.253 ug/l  
RT: 9.353 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

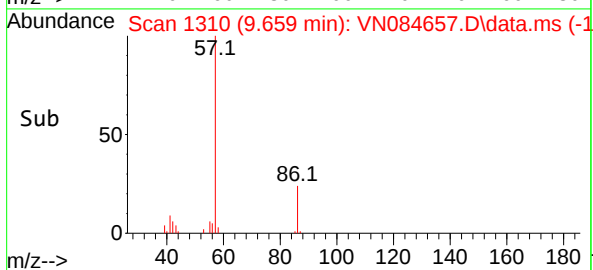
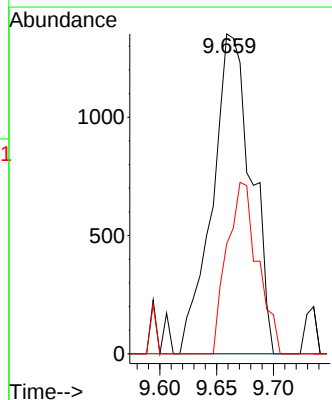
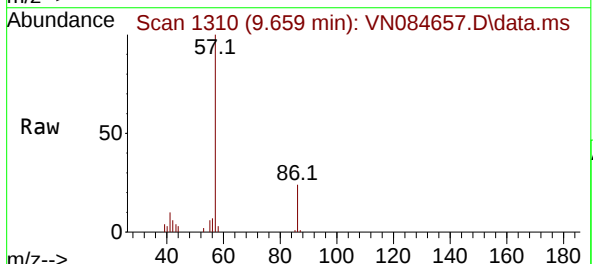
Instrument :  
MSVOA\_N  
ClientSampleId :

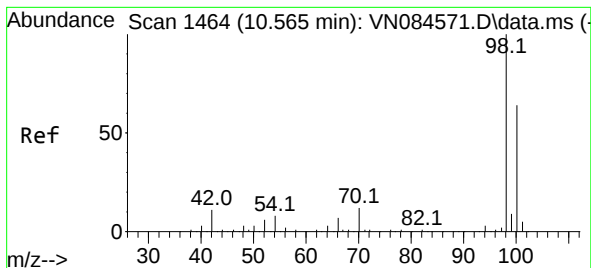
Tgt Ion:130 Resp: 541  
Ion Ratio Lower Upper  
130 100  
95 65.1 0.0 203.0



#48  
Methyl methacrylate  
Concen: 1.586 ug/l  
RT: 9.659 min Scan# 1310  
Delta R.T. -0.018 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Tgt Ion: 41 Resp: 3238  
Ion Ratio Lower Upper  
41 100  
69 0.0 67.1 100.7#  
39 42.0 45.8 68.6#





#50

Toluene-d8

Concen: 46.126 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084657.D

Acq: 04 Nov 2024 15:05

Instrument :

MSVOA\_N

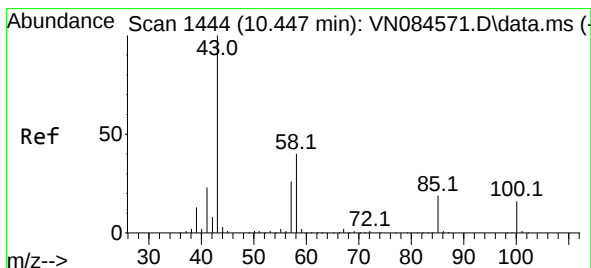
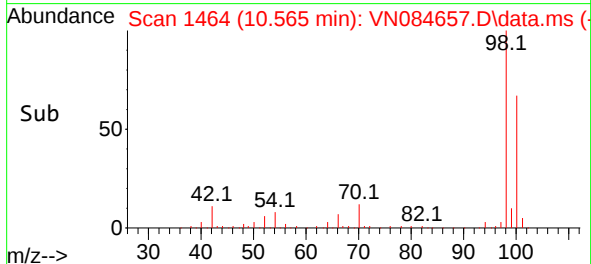
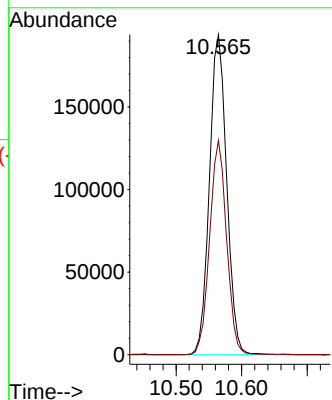
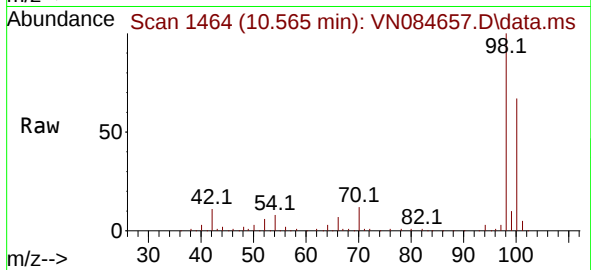
ClientSampleId :

Tgt Ion: 98 Resp: 354149

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 1.904 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN084657.D

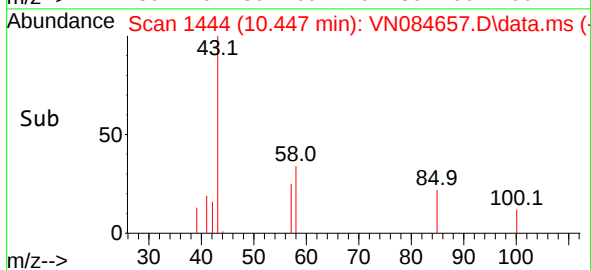
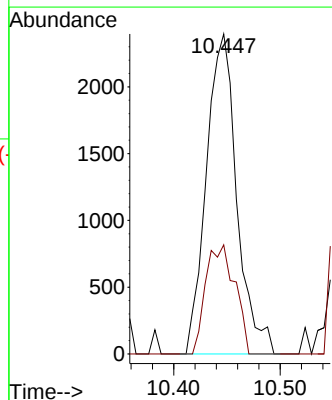
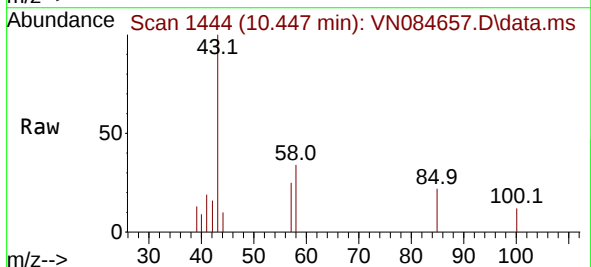
Acq: 04 Nov 2024 15:05

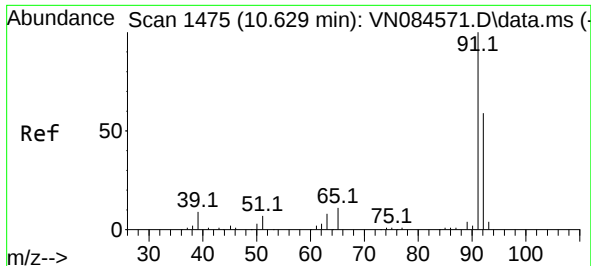
Tgt Ion: 43 Resp: 4761

Ion Ratio Lower Upper

43 100

58 32.7 31.6 47.4

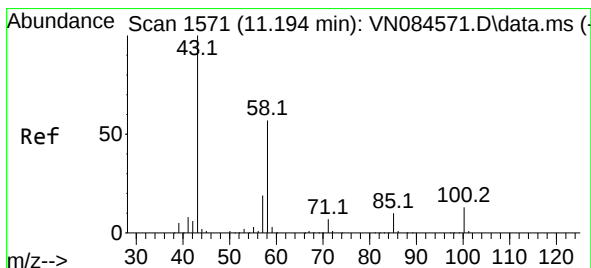
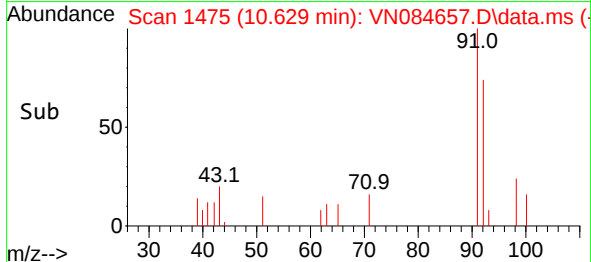
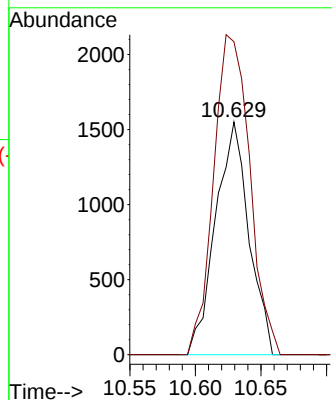
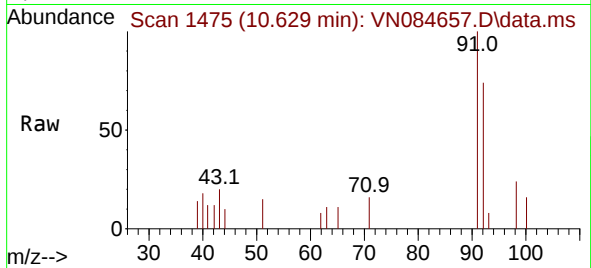




#52  
Toluene  
Concen: 0.506 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

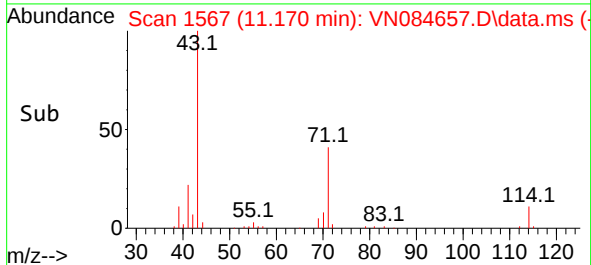
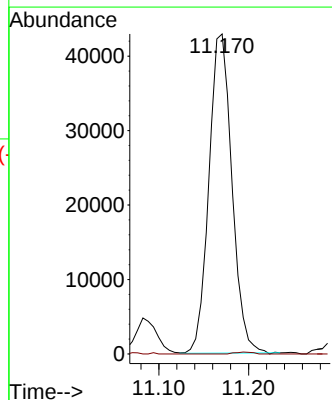
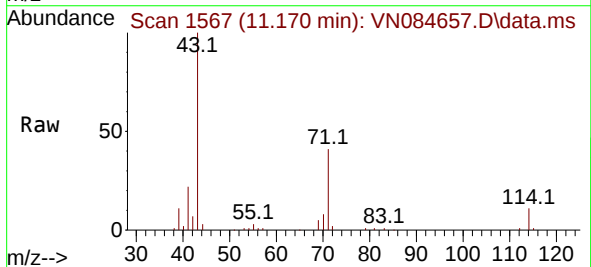
Instrument :  
MSVOA\_N  
ClientSampleId :

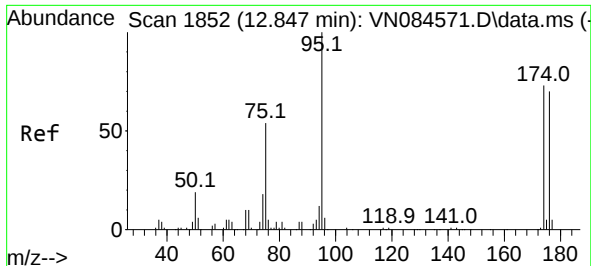
Tgt Ion: 92 Resp: 2745  
Ion Ratio Lower Upper  
92 100  
91 149.0 137.3 205.9



#59  
2-Hexanone  
Concen: 41.889 ug/l  
RT: 11.170 min Scan# 1567  
Delta R.T. -0.024 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Tgt Ion: 43 Resp: 76232  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.3 81.8#

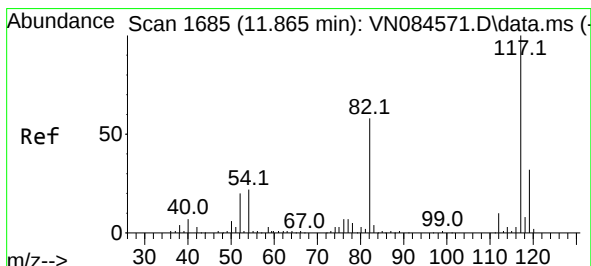
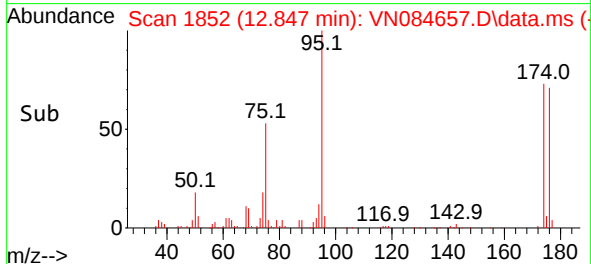
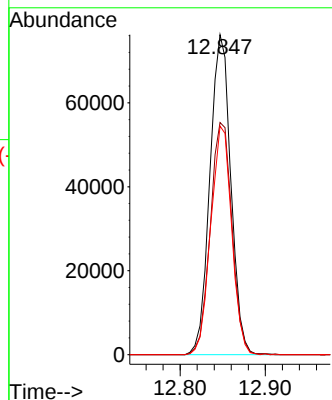
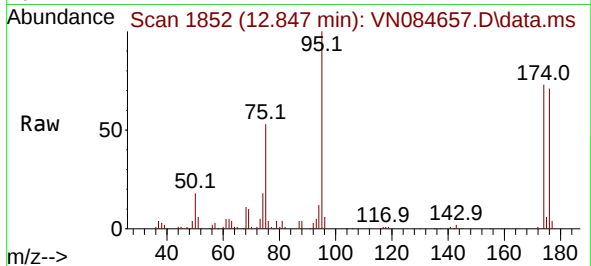




#62  
4-Bromofluorobenzene  
Concen: 45.329 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

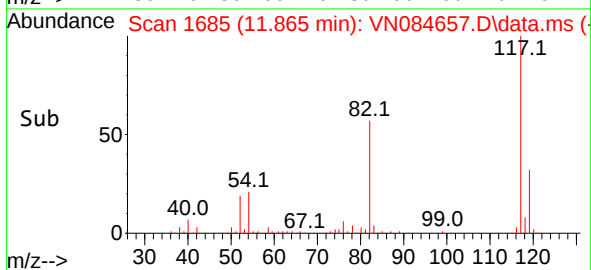
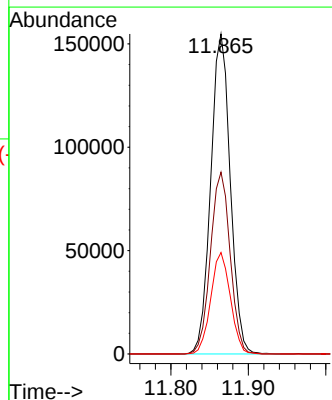
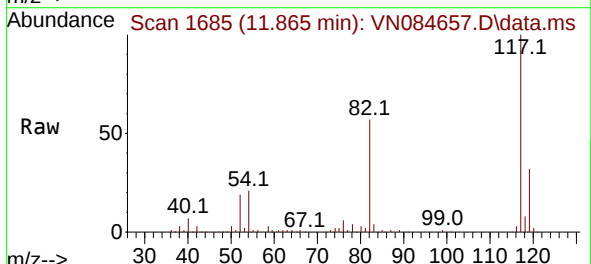
Instrument :  
MSVOA\_N  
ClientSampleId :

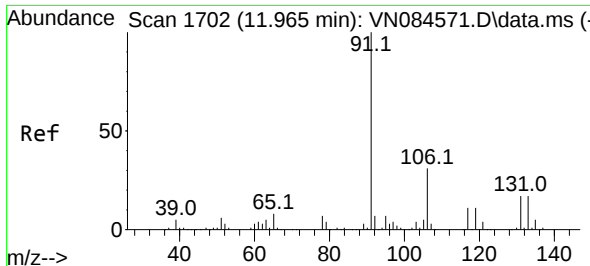
Tgt Ion: 95 Resp: 130070  
Ion Ratio Lower Upper  
95 100  
174 75.4 0.0 145.2  
176 71.5 0.0 140.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Tgt Ion: 117 Resp: 271085  
Ion Ratio Lower Upper  
117 100  
82 56.8 47.2 70.8  
119 31.7 25.4 38.0





#67

Ethyl Benzene

Concen: 0.918 ug/l

RT: 11.965 min Scan# 1719

Delta R.T. 0.006 min

Lab File: VN084657.D

Acq: 04 Nov 2024 15:05

Instrument :

MSVOA\_N

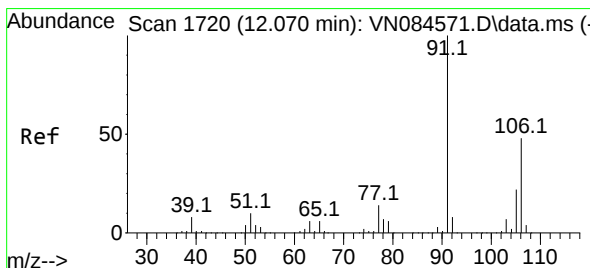
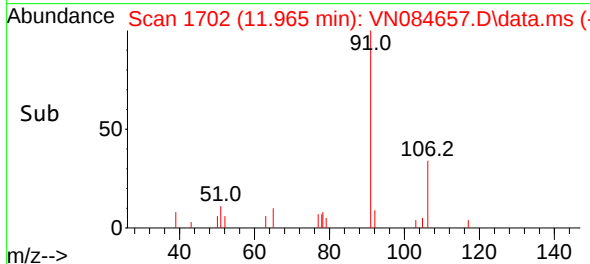
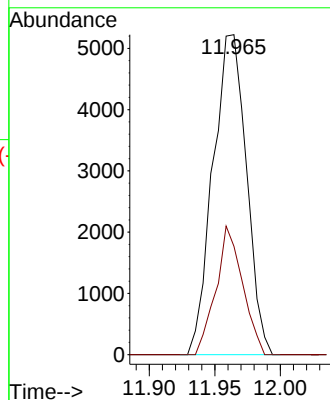
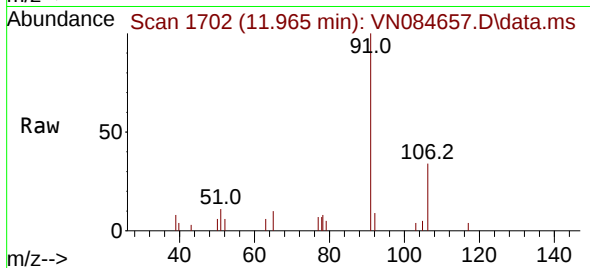
ClientSampleId :

Tgt Ion: 91 Resp: 9293

Ion Ratio Lower Upper

91 100

106 33.9 24.5 36.7



#68

m/p-Xylenes

Concen: 0.572 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN084657.D

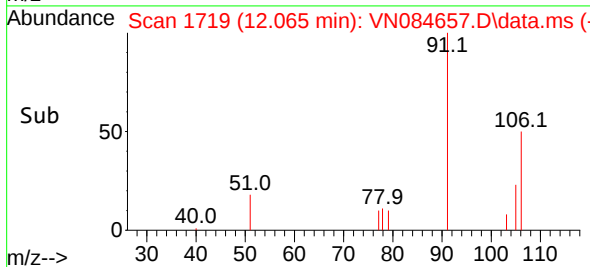
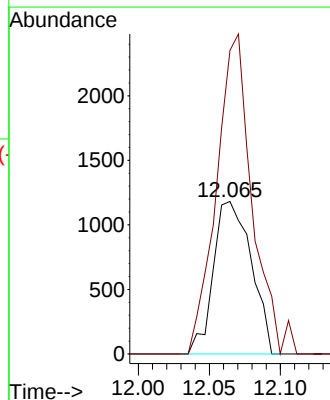
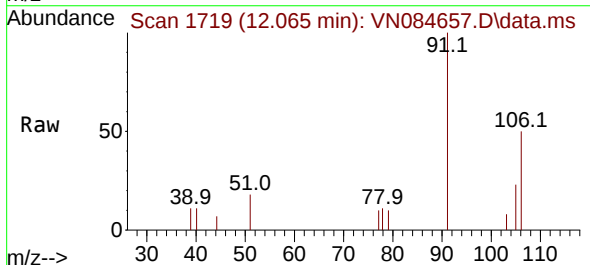
Acq: 04 Nov 2024 15:05

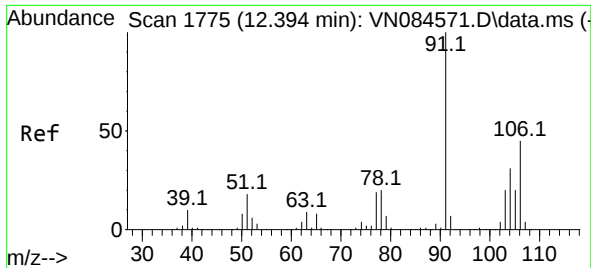
Tgt Ion: 106 Resp: 2192

Ion Ratio Lower Upper

106 100

91 198.3 167.1 250.7

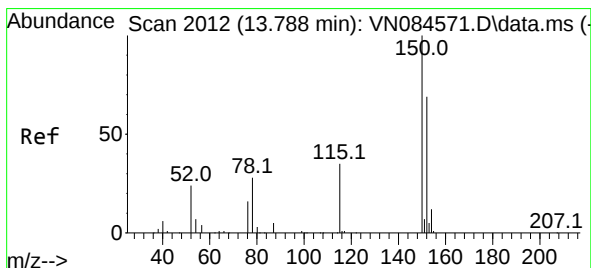
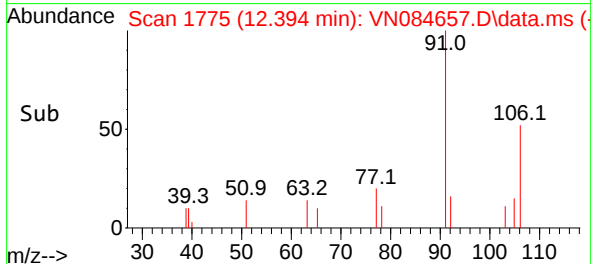
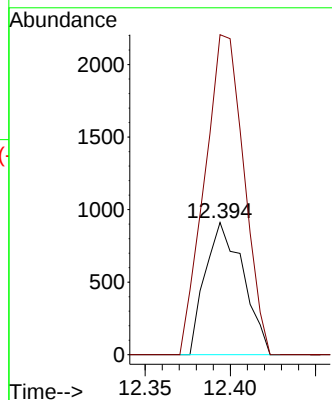
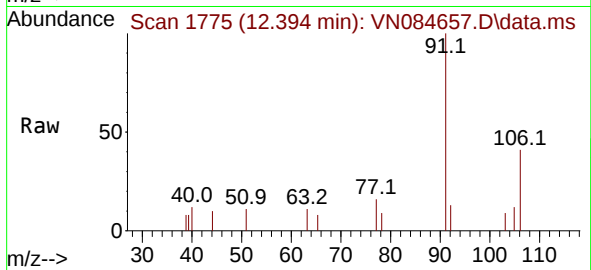




#69  
o-Xylene  
Concen: 0.394 ug/l  
RT: 12.394 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

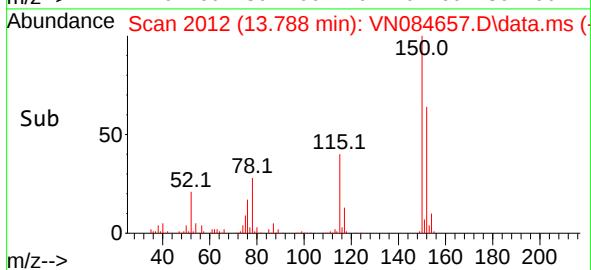
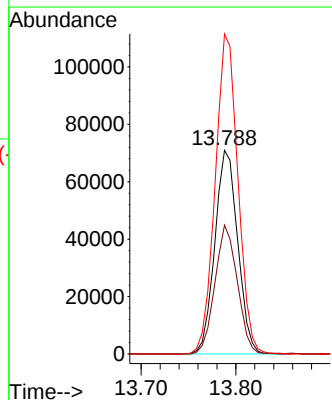
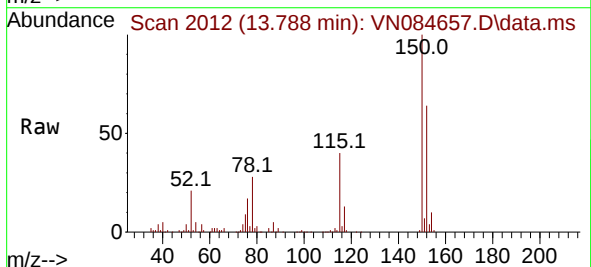
Instrument :  
MSVOA\_N  
ClientSampleId :

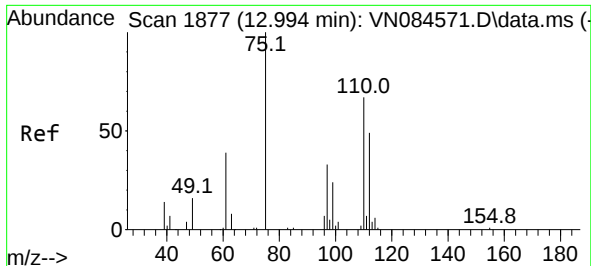
Tgt Ion:106 Resp: 1411  
Ion Ratio Lower Upper  
106 100  
91 250.2 110.2 330.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Tgt Ion:152 Resp: 119210  
Ion Ratio Lower Upper  
152 100  
115 62.0 31.3 93.9  
150 156.2 0.0 349.8

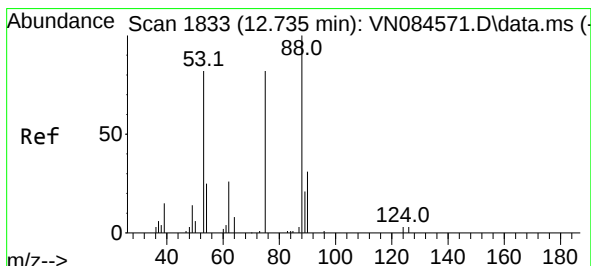
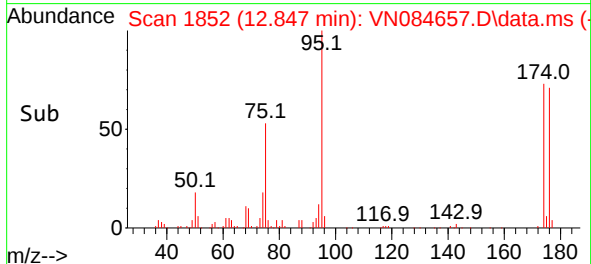
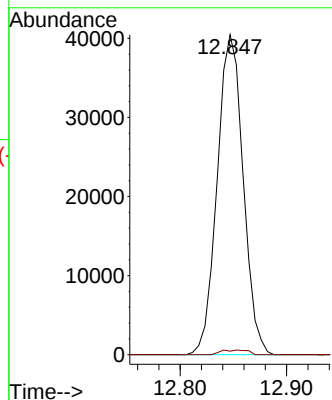
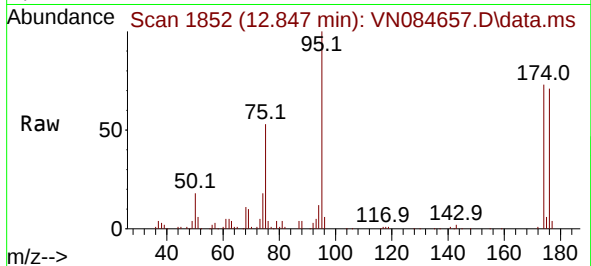




#76  
1,2,3-Trichloropropane  
Concen: 28.714 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.141 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

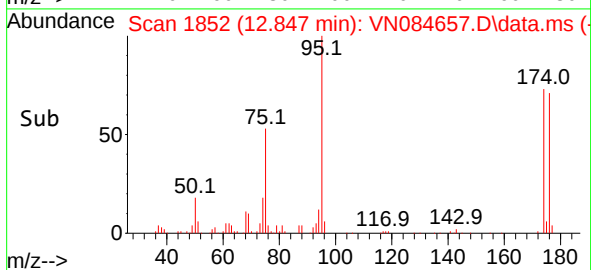
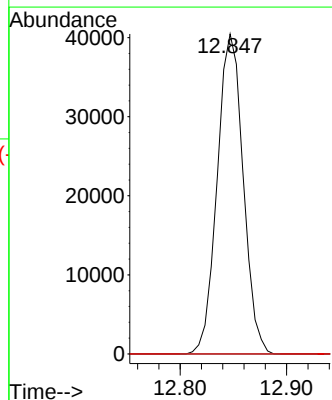
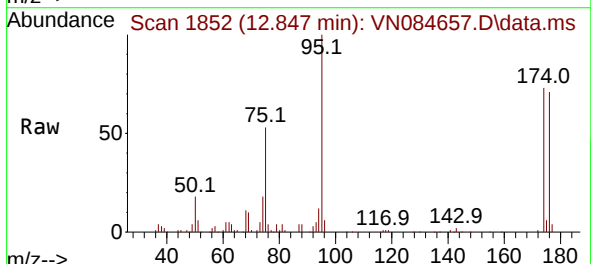
Instrument :  
MSVOA\_N  
ClientSampleId :

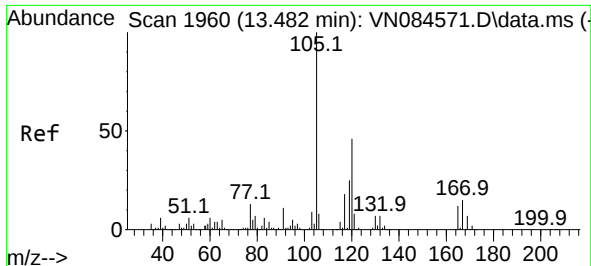
Tgt Ion: 75 Resp: 68424  
Ion Ratio Lower Upper  
75 100  
77 1.5 96.9 290.7#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 68.121 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Tgt Ion: 75 Resp: 68424  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 35.5 53.3#

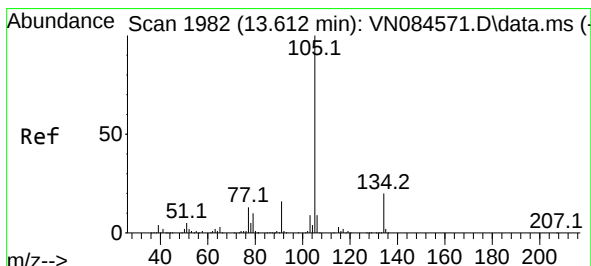
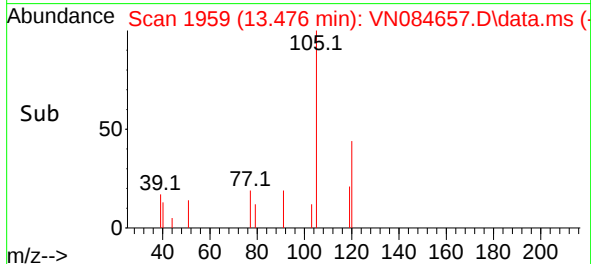
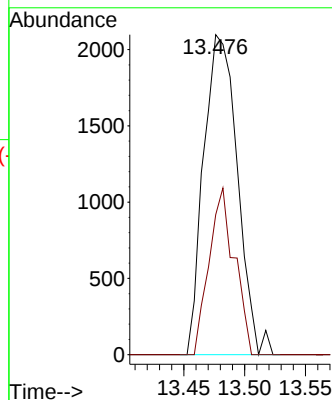
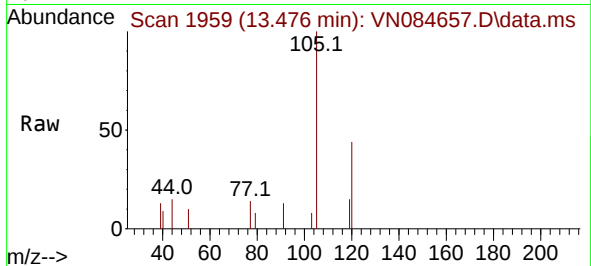




#84  
1,2,4-Trimethylbenzene  
Concen: 0.566 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

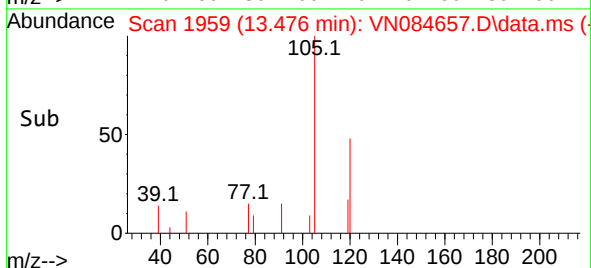
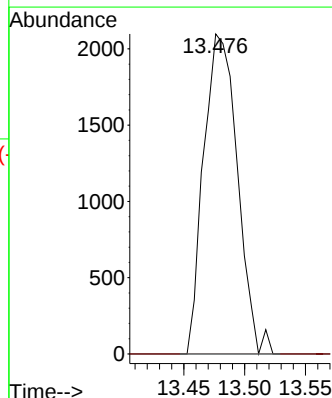
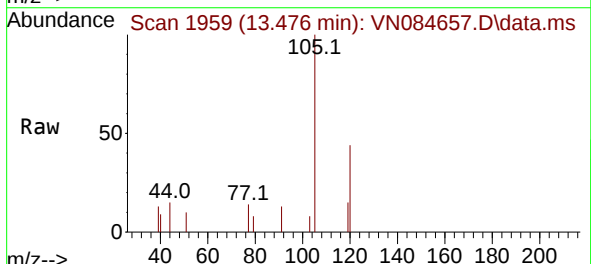
Instrument :  
MSVOA\_N  
ClientSampleId :

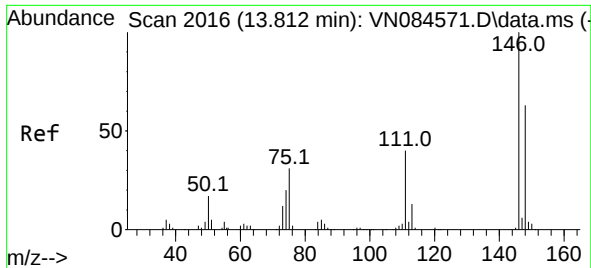
Tgt Ion:105 Resp: 4044  
Ion Ratio Lower Upper  
105 100  
120 39.0 22.3 66.8



#85  
sec-Butylbenzene  
Concen: 0.500 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. -0.141 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

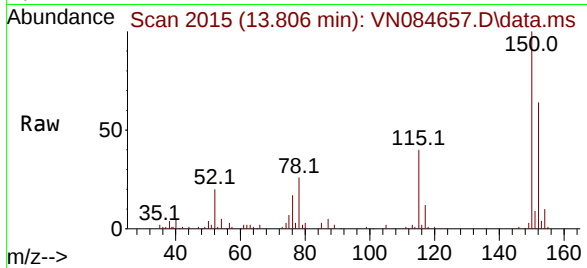
Tgt Ion:105 Resp: 4044  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.8 29.4#



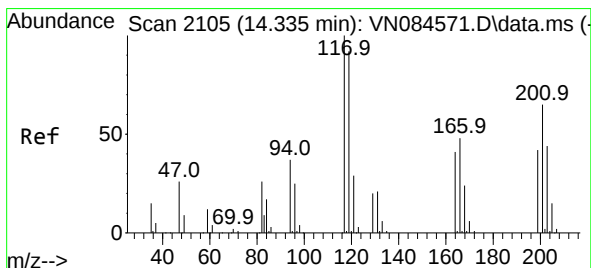
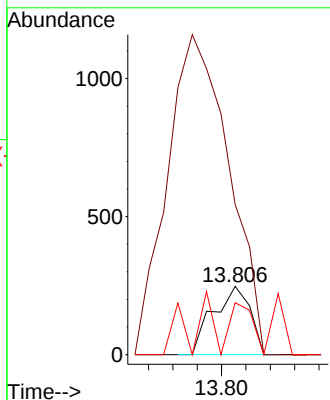
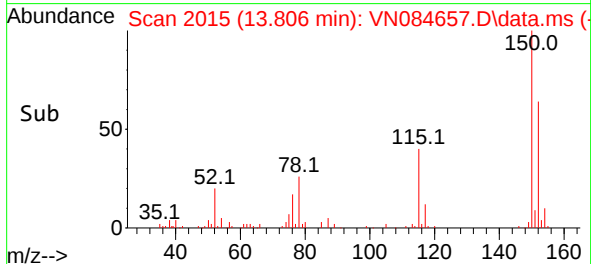


#88  
1,4-Dichlorobenzene  
Concen: Below Cal  
RT: 13.806 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

Instrument :  
MSVOA\_N  
ClientSampleId :

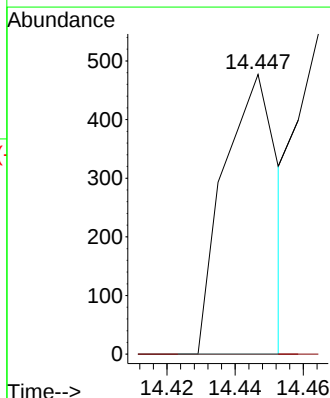
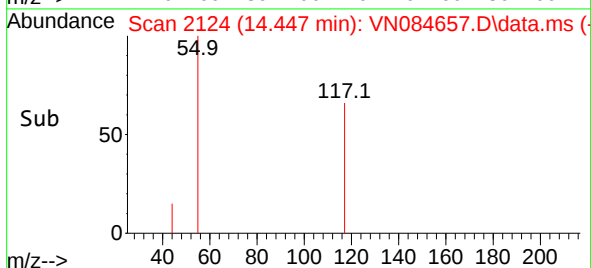
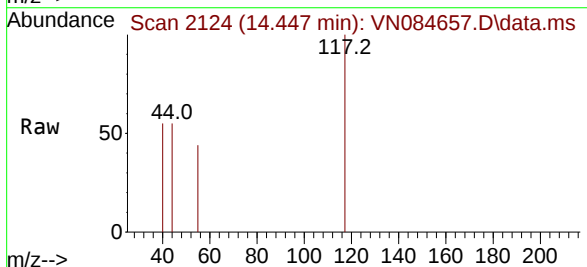


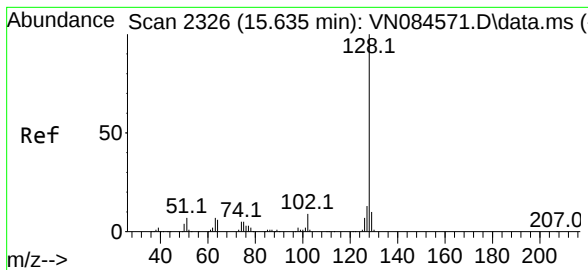
Tgt Ion:146 Resp: 259  
Ion Ratio Lower Upper  
146 100  
111 0.0 21.2 63.6#  
148 47.5 31.9 95.9



#90  
Hexachloroethane  
Concen: 0.351 ug/l  
RT: 14.447 min Scan# 2124  
Delta R.T. 0.118 min  
Lab File: VN084657.D  
Acq: 04 Nov 2024 15:05

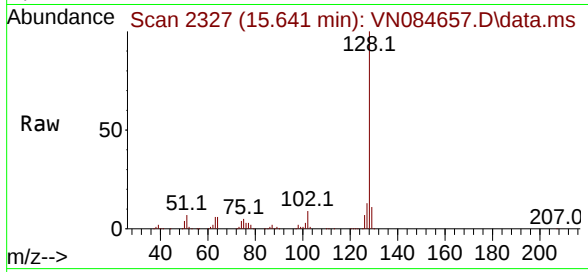
Tgt Ion:117 Resp: 520  
Ion Ratio Lower Upper  
117 100  
201 0.0 34.4 103.2#





#95  
 Naphthalene  
 Concen: 112.684 ug/l  
 RT: 15.641 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN084657.D  
 Acq: 04 Nov 2024 15:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 777512 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.8  | 10.5  | 15.7   |
| 129      | 10.7  | 8.7   | 13.1   |

