

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091124\  
 Data File : VN083814.D  
 Acq On : 11 Sep 2024 22:45  
 Operator : JC\MD  
 Sample : P3913-07  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 12 02:17:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|-----------|--------|----------|
| -----                         |                |      |                      |           |        |          |
| Internal Standards            |                |      |                      |           |        |          |
| 1) Pentafluorobenzene         | 8.224          | 168  | 116523               | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.100          | 114  | 252165               | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.865         | 117  | 285319               | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.788         | 152  | 151200               | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |                      |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.576          | 65   | 95645                | 54.436    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 108.880%  |           |        |          |
| 35) Dibromofluoromethane      | 8.165          | 113  | 75713                | 46.901    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 93.800%   |           |        |          |
| 50) Toluene-d8                | 10.565         | 98   | 284253               | 50.934    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 101.860%  |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.847         | 95   | 141878               | 61.619    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = 123.240%# |           |        |          |
| Target Compounds              |                |      |                      |           |        |          |
|                               |                |      |                      |           | Qvalue |          |
| 3) Chloromethane              | 2.365          | 50   | 457                  | Below Cal | #      | 41       |
| 6) Chloroethane               | 3.077          | 64   | 440                  | 0.423     | ug/l   | 100      |
| 11) Tert butyl alcohol        | 5.541          | 59   | 7473                 | 31.762    | ug/l # | 87       |
| 13) Acrolein                  | 4.259          | 56   | 66                   | 0.284     | ug/l # | 13       |
| 14) Allyl chloride            | 4.959          | 41   | 880                  | 0.392     | ug/l # | 21       |
| 16) Acetone                   | 4.436          | 43   | 154345               | 219.134   | ug/l   | 98       |
| 17) Carbon Disulfide          | 4.694          | 76   | 10289                | 2.918     | ug/l # | 91       |
| 18) Methyl Acetate            | 5.030          | 43   | 4682                 | 1.386     | ug/l # | 78       |
| 25) 2-Butanone                | 7.482          | 43   | 144741               | 156.351   | ug/l   | 100      |
| 29) Tetrahydrofuran           | 7.794          | 42   | 4987                 | 9.111     | ug/l # | 60       |
| 31) Cyclohexane               | 8.229          | 56   | 3003                 | 1.183     | ug/l # | 28       |
| 36) 1,1-Dichloropropene       | 8.224          | 75   | 11172                | 4.598     | ug/l # | 51       |
| 37) Ethyl Acetate             | 7.482          | 43   | 144741               | 65.626    | ug/l # | 68       |
| 38) Carbon Tetrachloride      | 8.218          | 117  | 13459                | 4.882     | ug/l # | 15       |
| 40) Benzene                   | 8.594          | 78   | 2101                 | 0.287     | ug/l # | 89       |
| 41) Methacrylonitrile         | 7.788          | 41   | 24564                | 18.831    | ug/l # | 47       |
| 43) Isopropyl Acetate         | 8.671          | 43   | 25075                | 6.274     | ug/l # | 62       |
| 48) Methyl methacrylate       | 9.653          | 41   | 25073                | 13.223    | ug/l # | 47       |
| 49) 1,4-Dioxane               | 9.706          | 88   | 737                  | 23.627    | ug/l # | 14       |
| 51) 4-Methyl-2-Pentanone      | 10.447         | 43   | 1562                 | 0.718     | ug/l # | 36       |
| 52) Toluene                   | 10.635         | 92   | 4942                 | 1.105     | ug/l   | 93       |
| 59) 2-Hexanone                | 11.188         | 43   | 1580                 | 0.982     | ug/l # | 32       |
| 67) Ethyl Benzene             | 11.964         | 91   | 4188                 | 0.372     | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.070         | 106  | 5463                 | 1.306     | ug/l   | 95       |
| 69) o-Xylene                  | 12.394         | 106  | 2798                 | 0.691     | ug/l   | 95       |
| 70) Styrene                   | 12.406         | 104  | 1669                 | 0.251     | ug/l # | 77       |
| 71) Bromoform                 | 12.841         | 173  | 859                  | 0.580     | ug/l # | 1        |
| 74) N-amyl acetate            | 12.459         | 43   | 3872                 | 0.776     | ug/l # | 43       |
| 76) 1,2,3-Trichloropropane    | 12.847         | 75   | 81914                | 26.849    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.847         | 75   | 81914                | 70.319    | ug/l # | 9        |
| 84) 1,2,4-Trimethylbenzene    | 13.488         | 105  | 11971                | 1.208     | ug/l # | 57       |
| 85) sec-Butylbenzene          | 13.488         | 105  | 11971                | 1.046     | ug/l # | 57       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.541         | 75   | 468                  | 0.683     | ug/l # | 49       |
| 95) Naphthalene               | 15.635         | 128  | 67766                | 8.093     | ug/l   | 97       |
| -----                         |                |      |                      |           |        |          |

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Sample : P3913-07  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

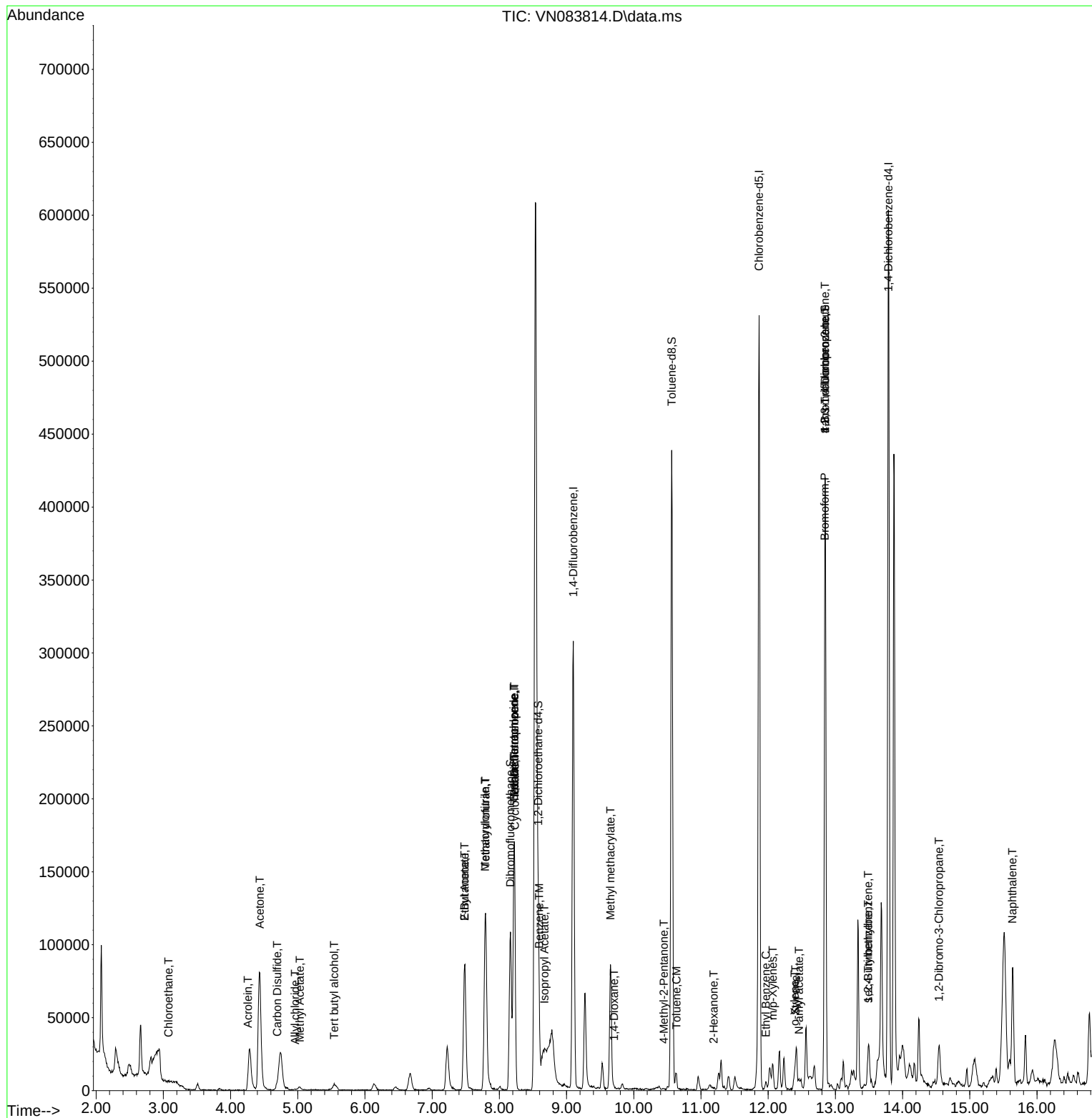
Quant Time: Sep 12 02:17:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration

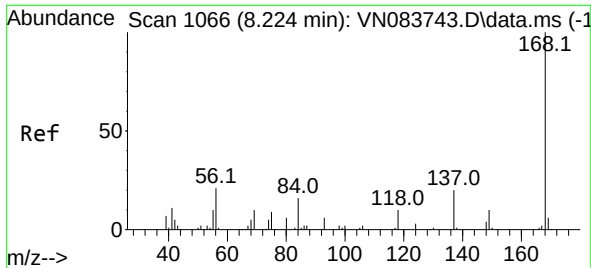
| Compound                                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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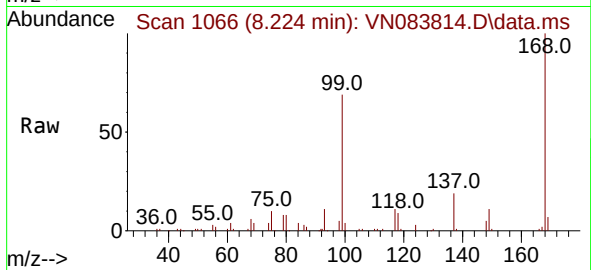
Quant Time: Sep 12 02:17:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
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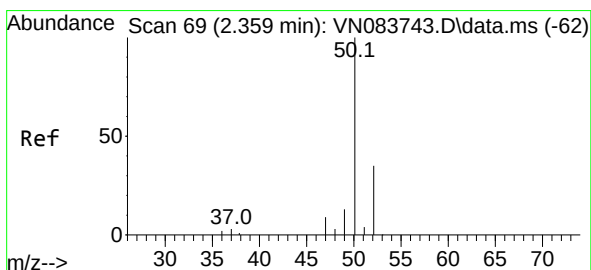
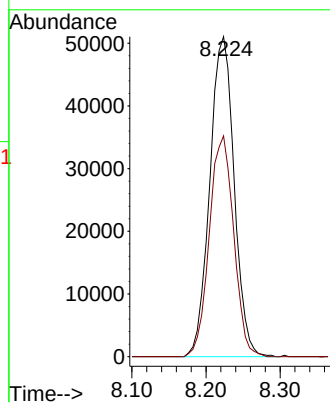
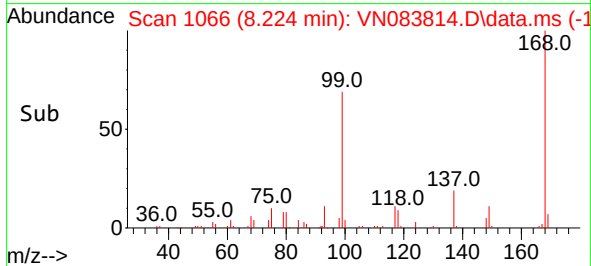


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Instrument :  
MSVOA\_N  
ClientSampleId :

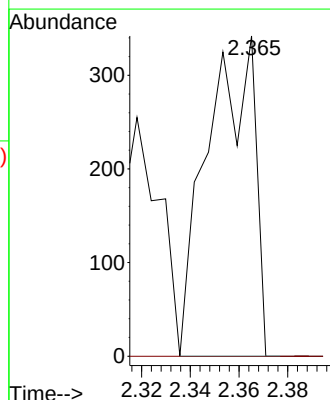
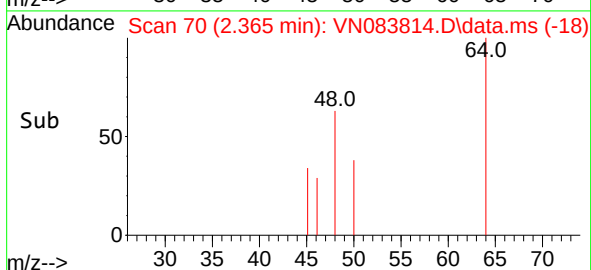
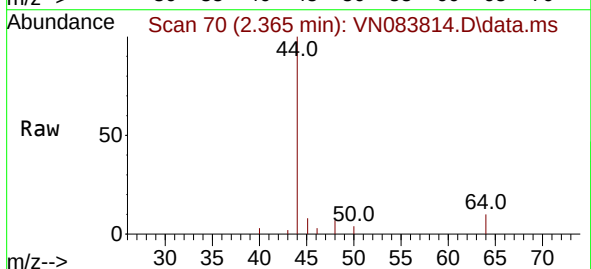


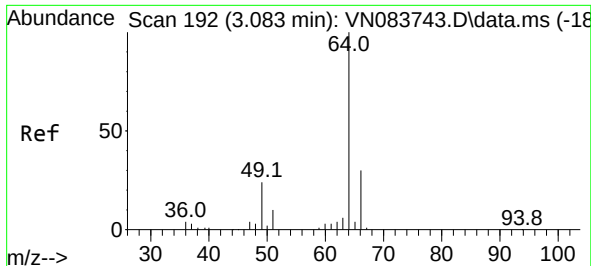
Tgt Ion:168 Resp: 116523  
Ion Ratio Lower Upper  
168 100  
99 69.0 54.2 81.2



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Tgt Ion: 50 Resp: 457  
Ion Ratio Lower Upper  
50 100  
52 0.0 27.2 40.8#

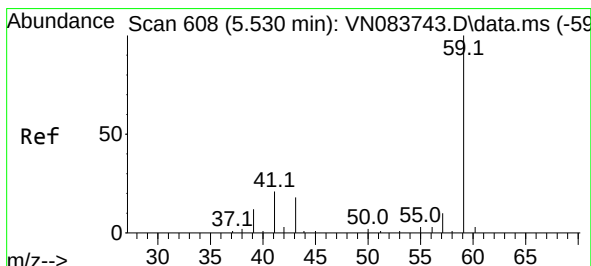
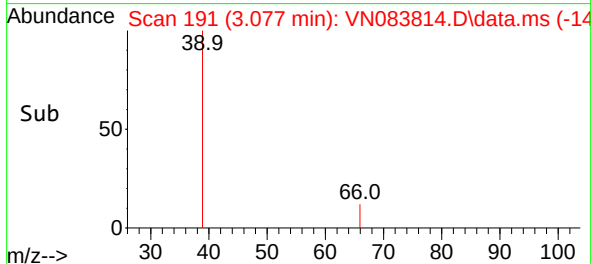
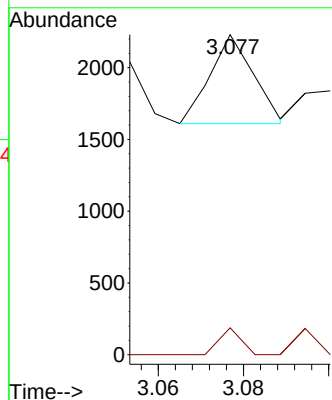
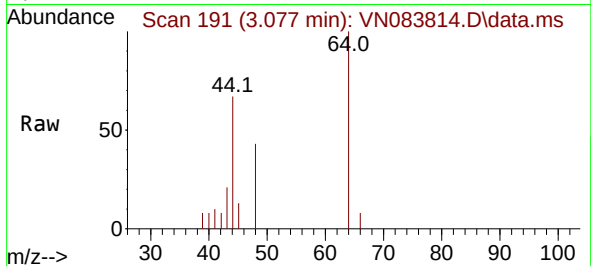




#6  
Chloroethane  
Concen: 0.423 ug/l  
RT: 3.077 min Scan# 19  
Delta R.T. -0.006 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

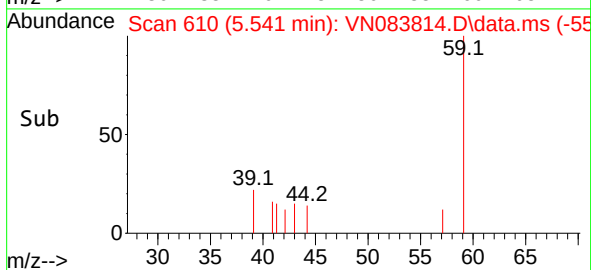
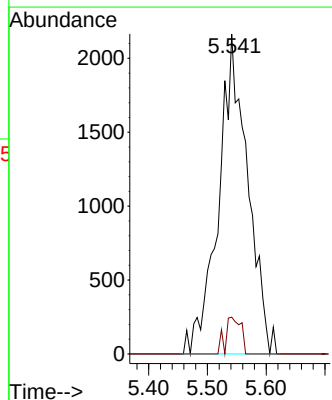
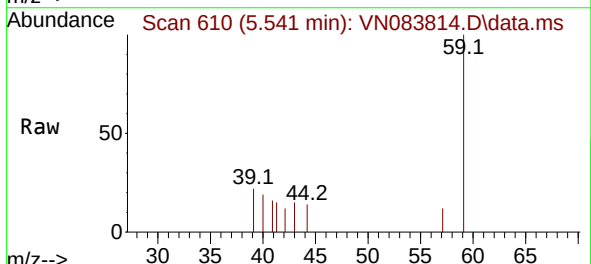
Instrument :  
MSVOA\_N  
ClientSampleId :

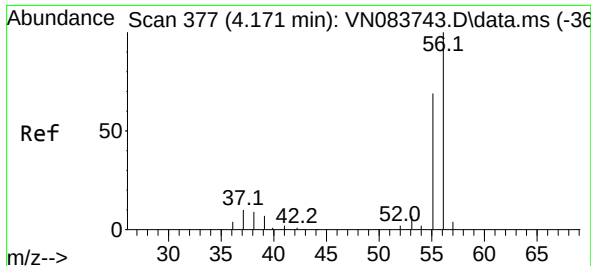
Tgt Ion: 64 Resp: 440  
Ion Ratio Lower Upper  
64 100  
66 30.2 23.9 35.9



#11  
Tert butyl alcohol  
Concen: 31.762 ug/l  
RT: 5.541 min Scan# 610  
Delta R.T. 0.012 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Tgt Ion: 59 Resp: 7473  
Ion Ratio Lower Upper  
59 100  
57 6.1 8.7 13.1#





#13

Acrolein

Concen: 0.284 ug/l

RT: 4.259 min Scan# 392

Delta R.T. 0.088 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Instrument :

MSVOA\_N

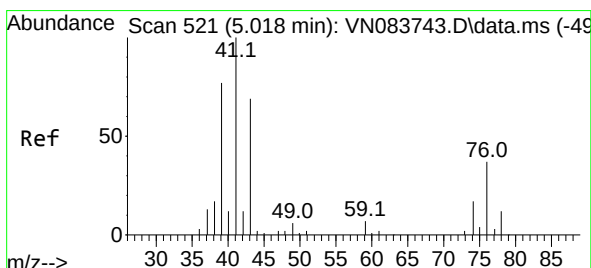
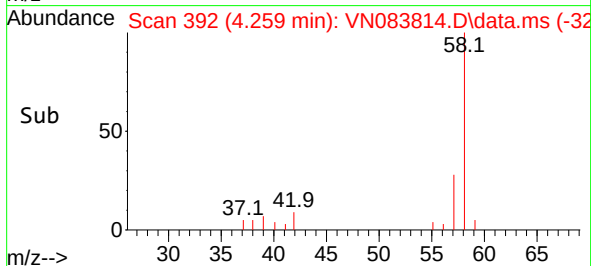
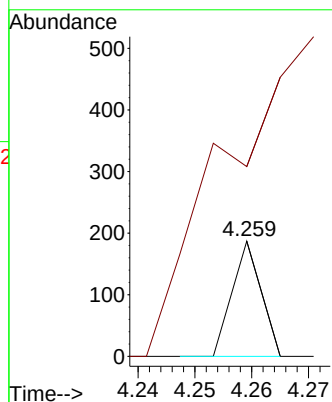
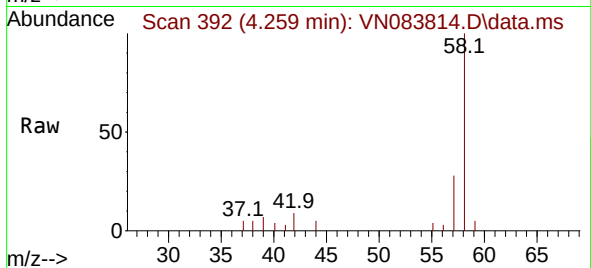
ClientSampleId :

Tgt Ion: 56 Resp: 66

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#



#14

Allyl chloride

Concen: 0.392 ug/l

RT: 4.959 min Scan# 511

Delta R.T. -0.059 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

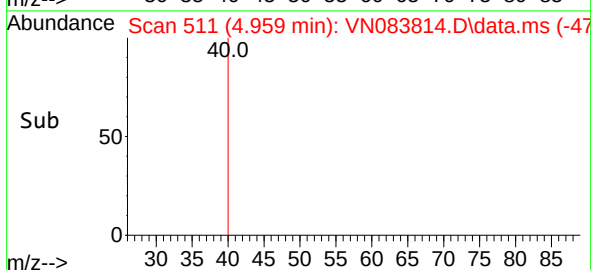
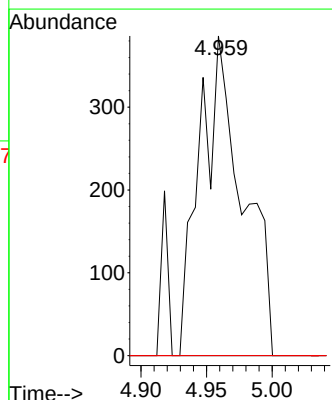
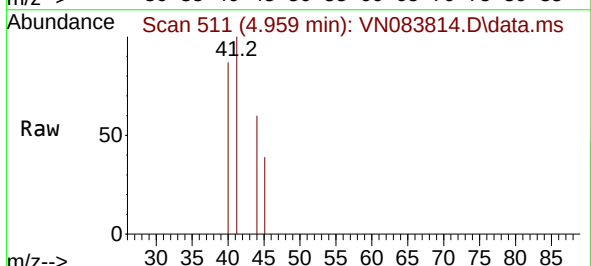
Tgt Ion: 41 Resp: 880

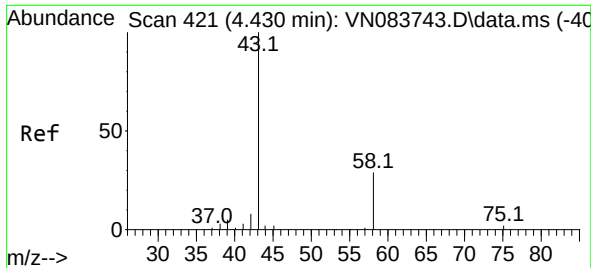
Ion Ratio Lower Upper

41 100

39 0.0 59.3 88.9#

76 0.0 27.7 41.5#





#16

Acetone

Concen: 219.134 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Instrument :

MSVOA\_N

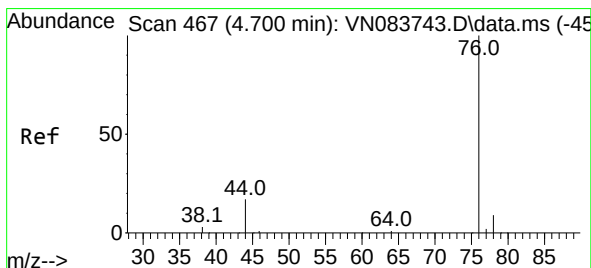
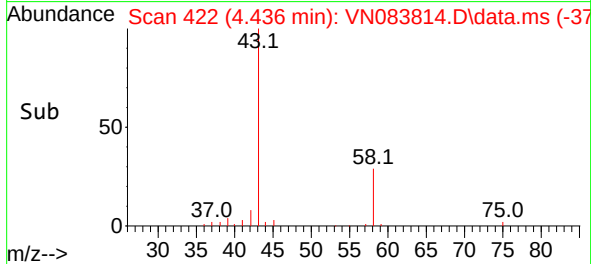
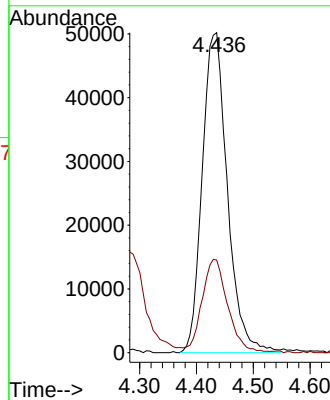
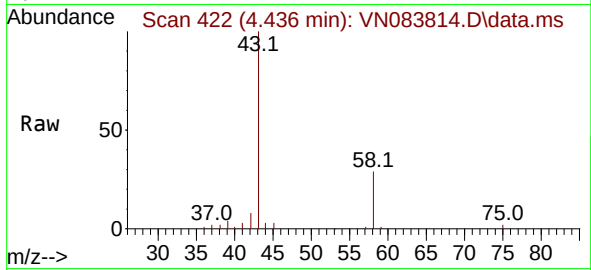
ClientSampleId :

Tgt Ion: 43 Resp: 154345

Ion Ratio Lower Upper

43 100

58 28.4 23.7 35.5



#17

Carbon Disulfide

Concen: 2.918 ug/l

RT: 4.694 min Scan# 466

Delta R.T. -0.006 min

Lab File: VN083814.D

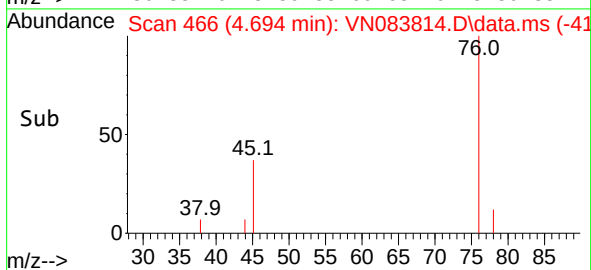
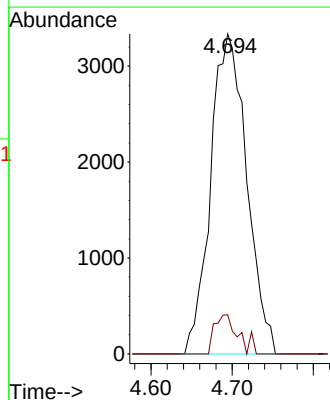
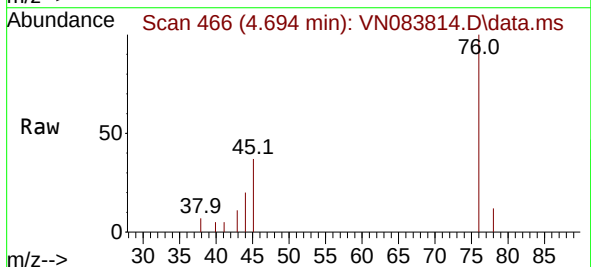
Acq: 11 Sep 2024 22:45

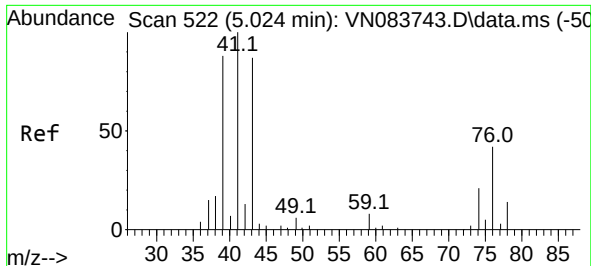
Tgt Ion: 76 Resp: 10289

Ion Ratio Lower Upper

76 100

78 12.2 7.1 10.7#





#18

Methyl Acetate

Concen: 1.386 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.006 min

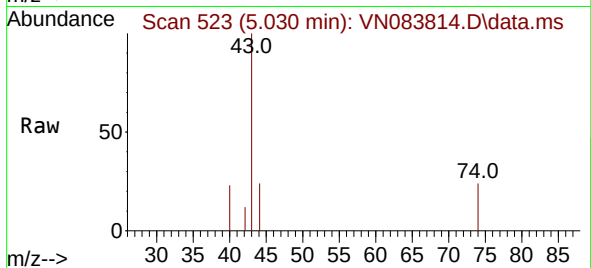
Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Instrument :

MSVOA\_N

ClientSampleId :

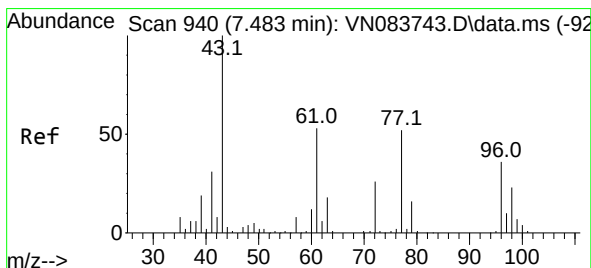
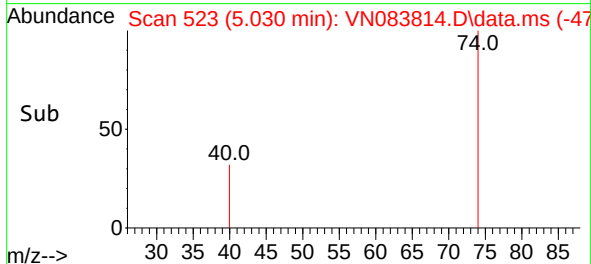
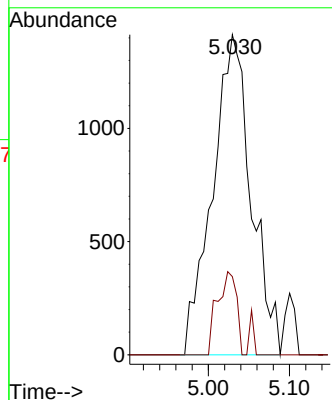


Tgt Ion: 43 Resp: 4682

Ion Ratio Lower Upper

43 100

74 12.8 19.0 28.4#



#25

2-Butanone

Concen: 156.351 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083814.D

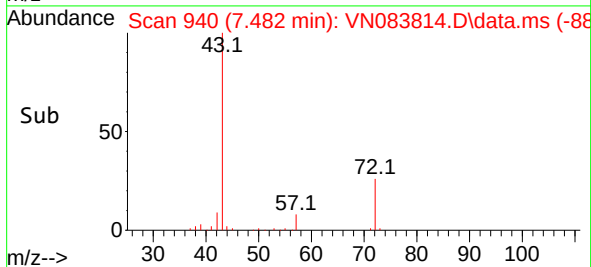
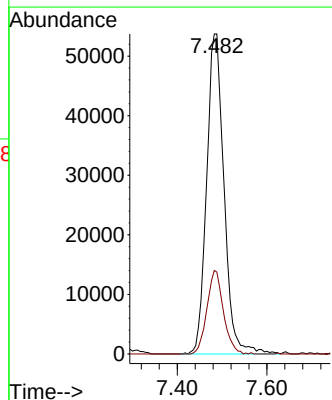
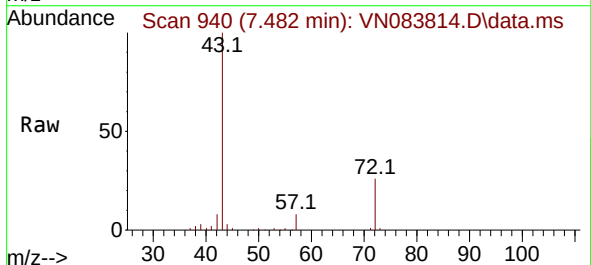
Acq: 11 Sep 2024 22:45

Tgt Ion: 43 Resp: 144741

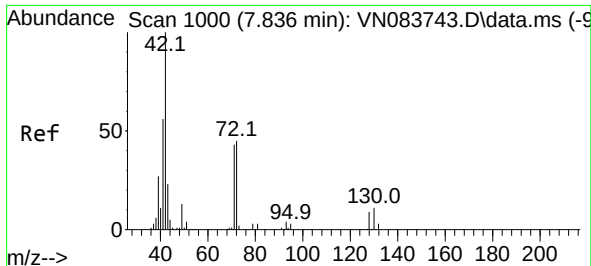
Ion Ratio Lower Upper

43 100

72 26.1 20.8 31.2







#29

Tetrahydrofuran

Concen: 9.111 ug/l

RT: 7.794 min Scan# 91

Delta R.T. -0.041 min

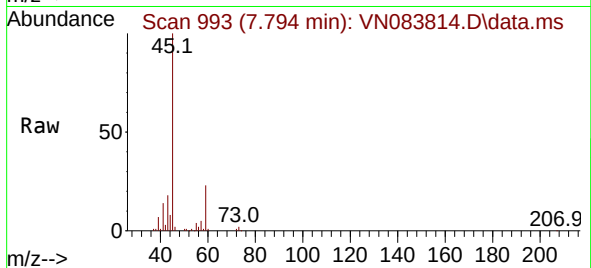
Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

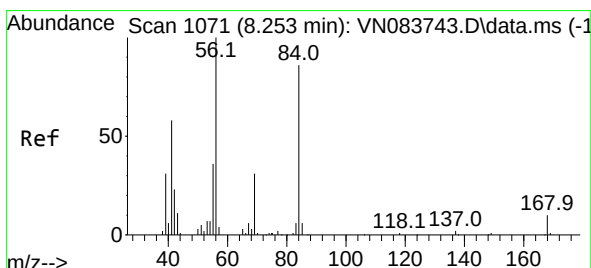
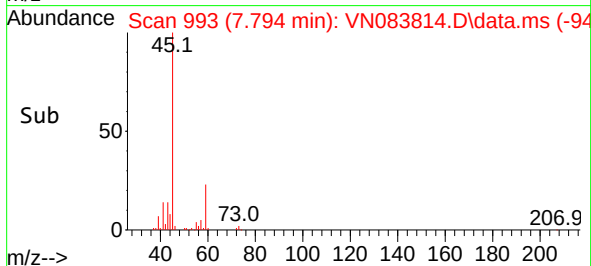
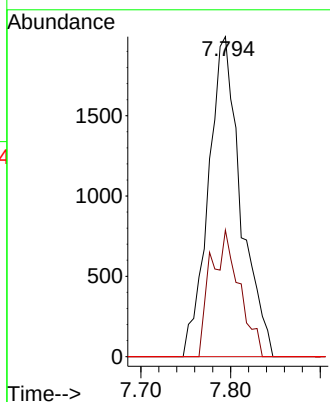
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 4987  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 34.8  | 35.9  | 53.9# |
| 71       | 0.0   | 33.9  | 50.9# |



#31

Cyclohexane

Concen: 1.183 ug/l

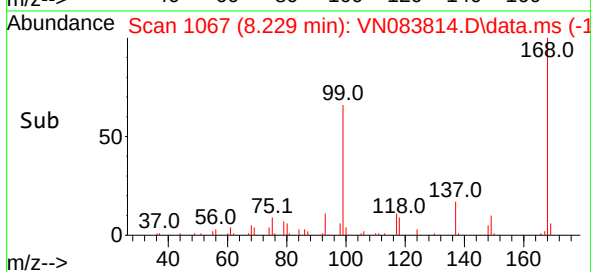
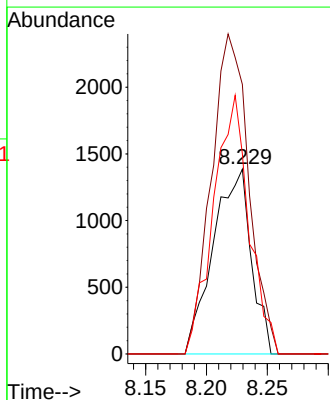
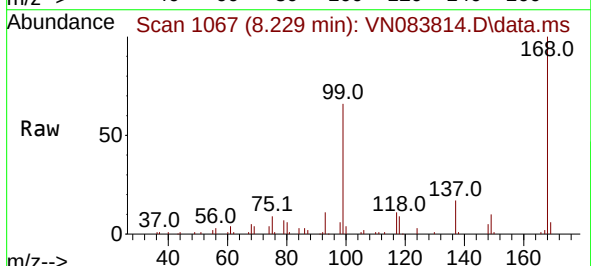
RT: 8.229 min Scan# 1067

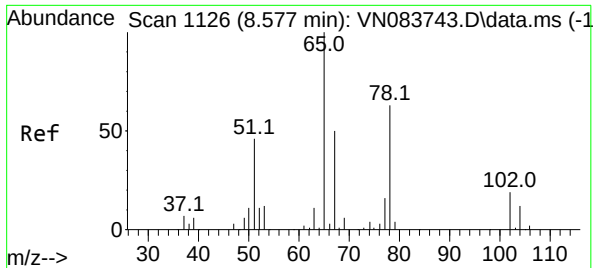
Delta R.T. -0.024 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 3003   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 145.9 | 26.9  | 40.3#  |
| 84       | 108.4 | 69.2  | 103.8# |





#33

1,2-Dichloroethane-d4

Concen: 54.436 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Instrument :

MSVOA\_N

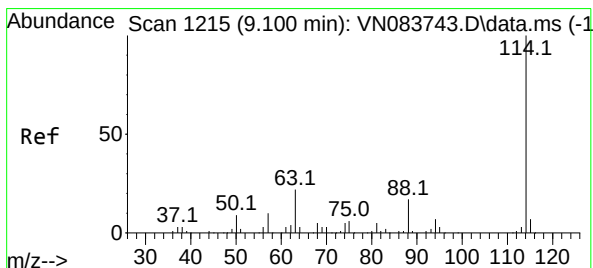
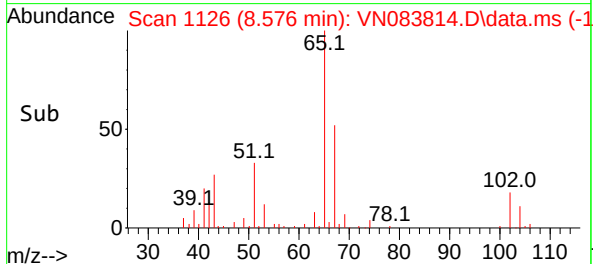
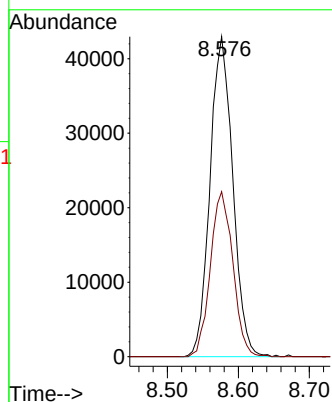
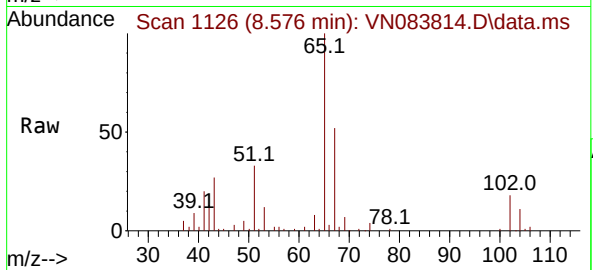
ClientSampleId :

Tgt Ion: 65 Resp: 95645

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

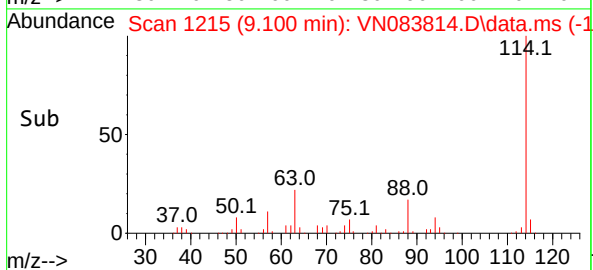
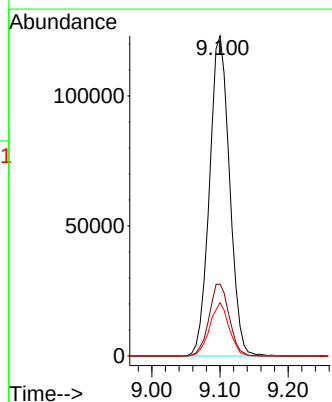
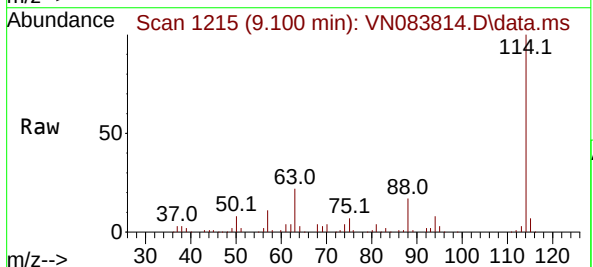
Tgt Ion: 114 Resp: 252165

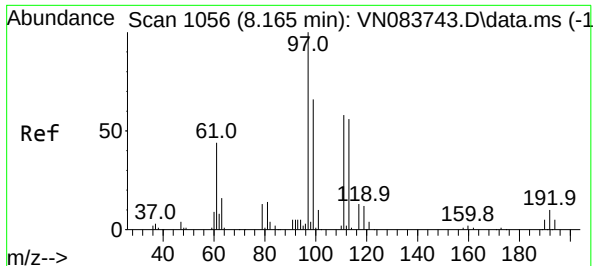
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.7 0.0 32.6

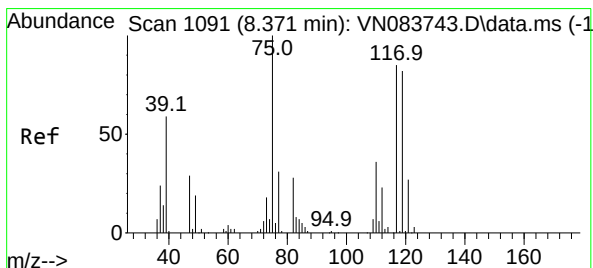
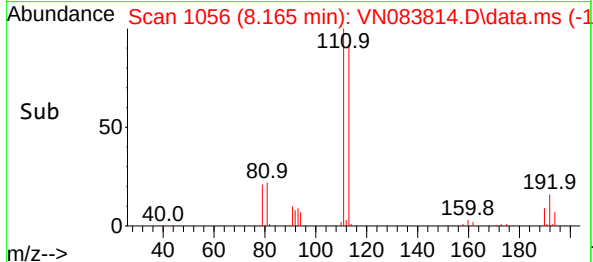
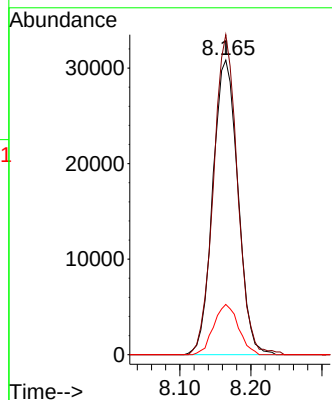
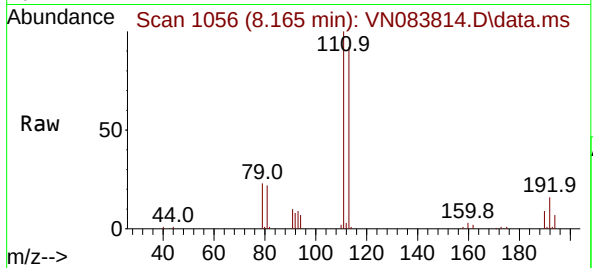




#35  
Dibromofluoromethane  
Concen: 46.901 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

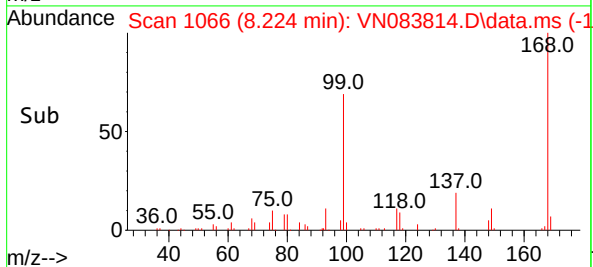
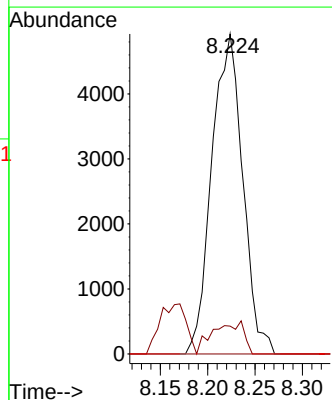
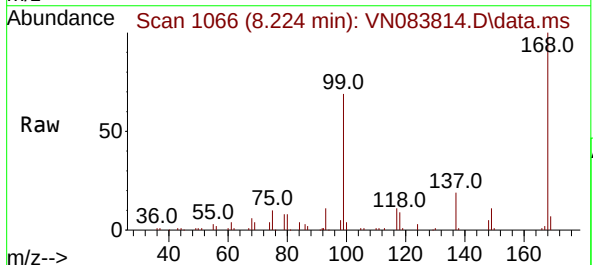
Instrument :  
MSVOA\_N  
ClientSampleId :

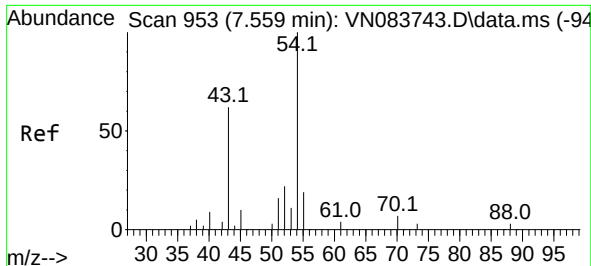
Tgt Ion:113 Resp: 75713  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.6 124.0  
192 16.8 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 4.598 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.147 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

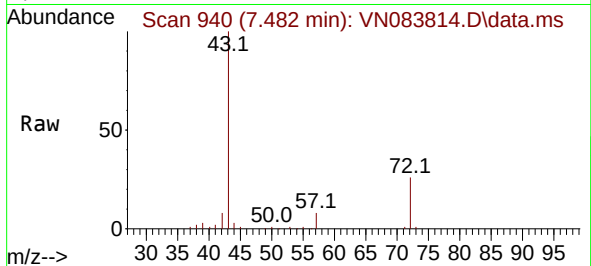
Tgt Ion: 75 Resp: 11172  
Ion Ratio Lower Upper  
75 100  
110 10.1 16.7 50.1#  
77 0.0 25.2 37.8#



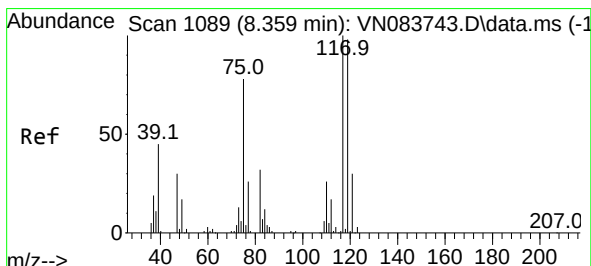
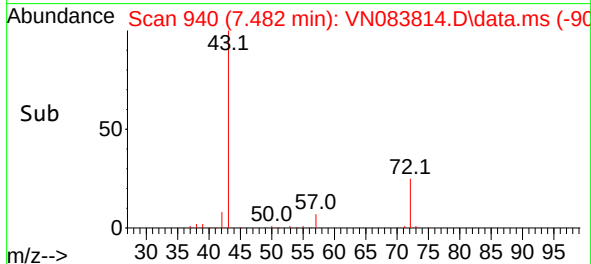
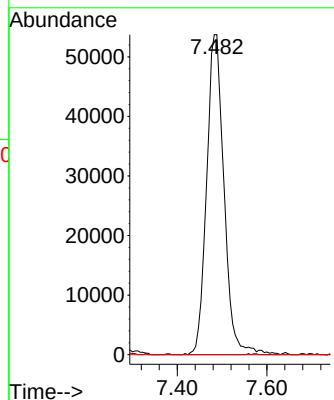


#37  
Ethyl Acetate  
Concen: 65.626 ug/l  
RT: 7.482 min Scan# 94  
Delta R.T. -0.077 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Instrument :  
MSVOA\_N  
ClientSampleId :

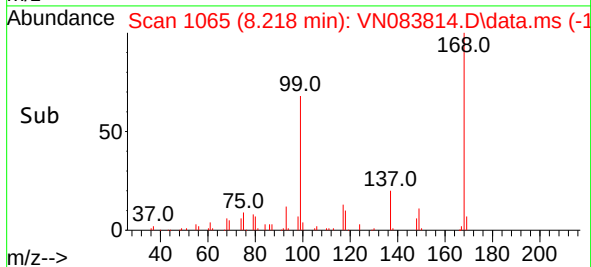
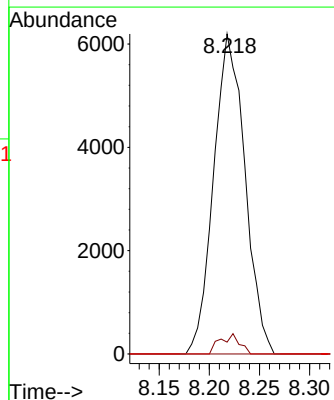
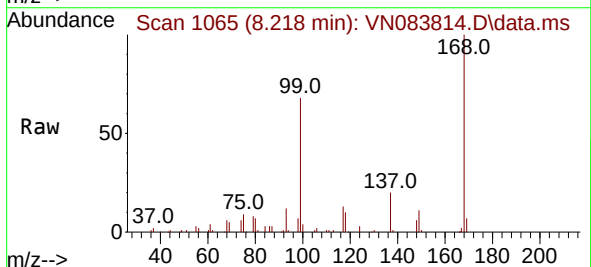


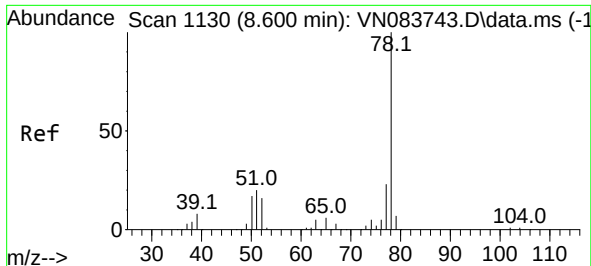
Tgt Ion: 43 Resp: 144741  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.1 16.7#  
70 0.0 8.8 13.2#



#38  
Carbon Tetrachloride  
Concen: 4.882 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.141 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Tgt Ion: 117 Resp: 13459  
Ion Ratio Lower Upper  
117 100  
119 3.7 76.1 114.1#  
121 0.0 24.1 36.1#

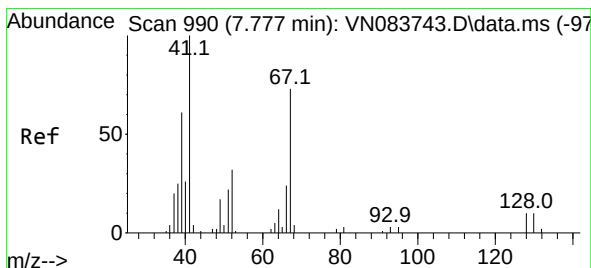
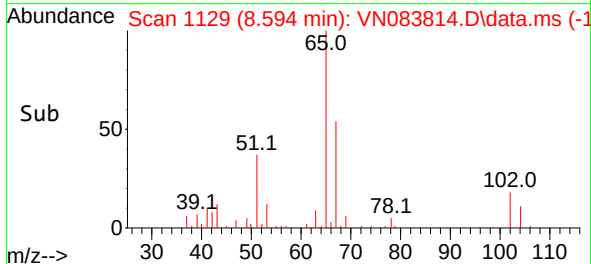
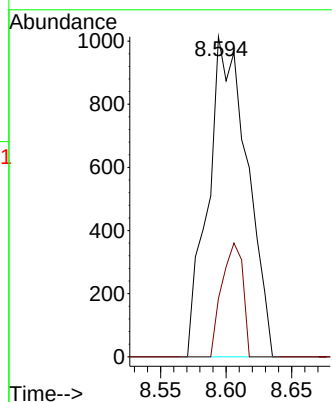
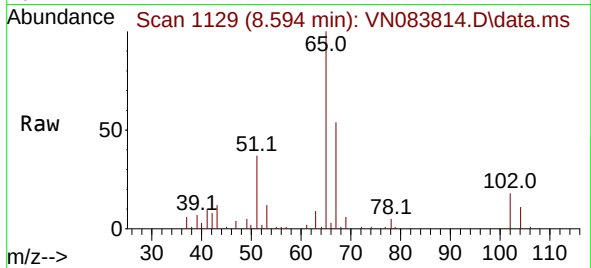




#40  
Benzene  
Concen: 0.287 ug/l  
RT: 8.594 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

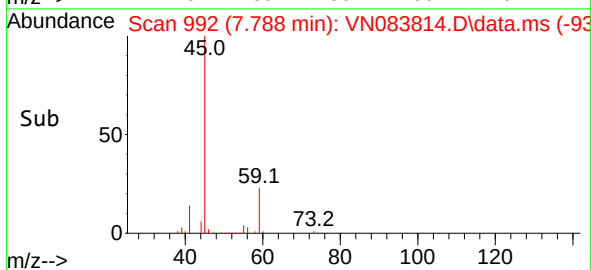
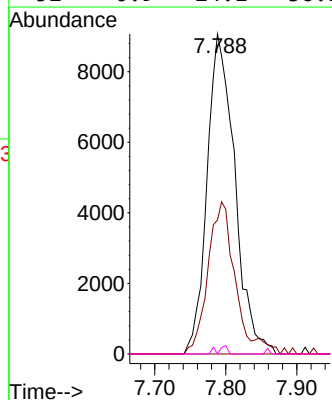
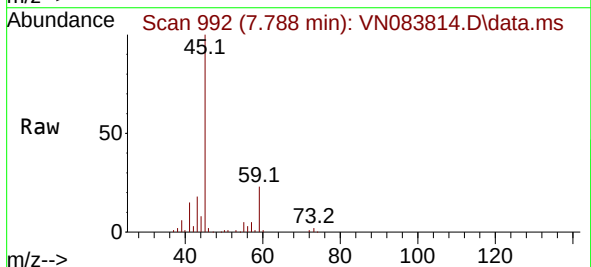
Instrument :  
MSVOA\_N  
ClientSampleId :

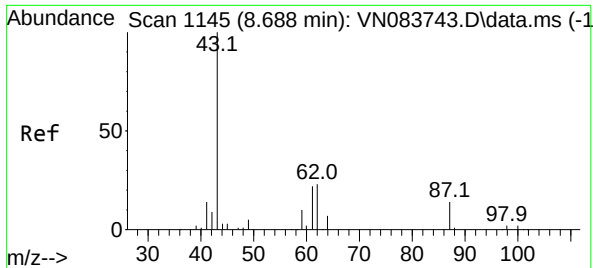
Tgt Ion: 78 Resp: 2101  
Ion Ratio Lower Upper  
78 100  
77 18.2 19.0 28.6#



#41  
Methacrylonitrile  
Concen: 18.831 ug/l  
RT: 7.788 min Scan# 992  
Delta R.T. 0.012 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Tgt Ion: 41 Resp: 24564  
Ion Ratio Lower Upper  
41 100  
39 46.9 45.4 68.2  
67 0.0 55.9 83.9#  
52 0.9 24.1 36.1#

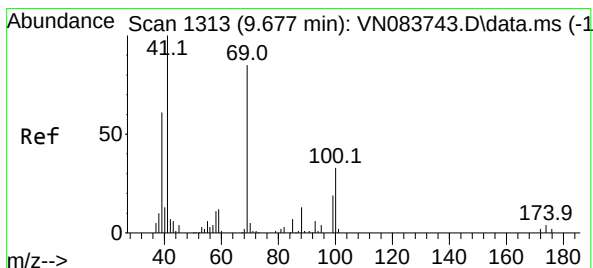
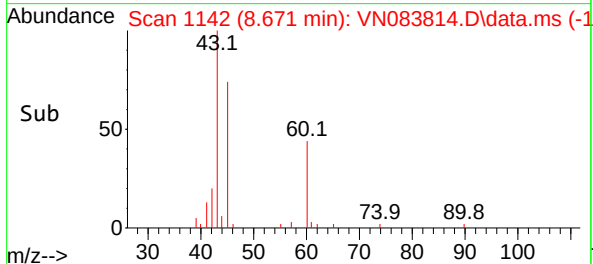
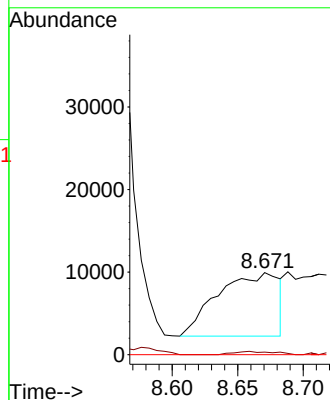
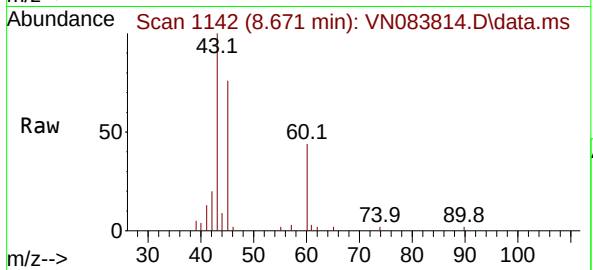




#43  
Isopropyl Acetate  
Concen: 6.274 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.018 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

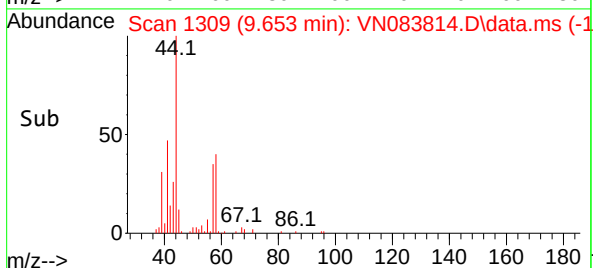
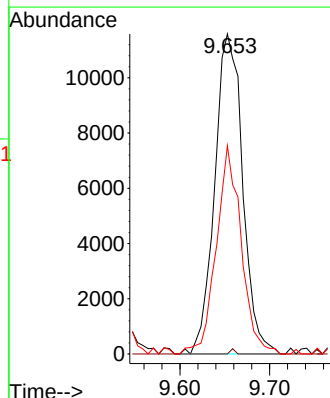
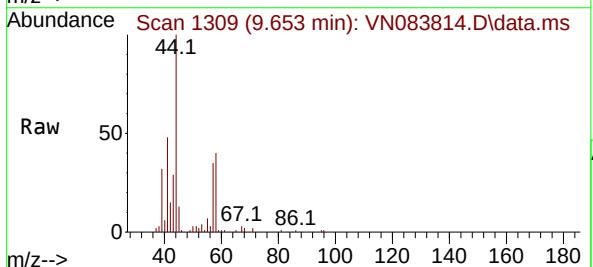
Instrument :  
MSVOA\_N  
ClientSampleId :

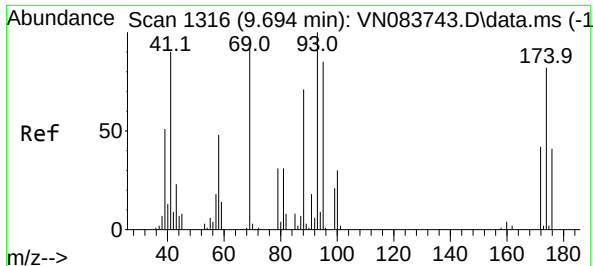
Tgt Ion: 43 Resp: 25075  
Ion Ratio Lower Upper  
43 100  
61 3.4 19.4 29.0#  
87 0.0 9.8 14.6#



#48  
Methyl methacrylate  
Concen: 13.223 ug/l  
RT: 9.653 min Scan# 1309  
Delta R.T. -0.024 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Tgt Ion: 41 Resp: 25073  
Ion Ratio Lower Upper  
41 100  
69 0.3 64.3 96.5#  
39 58.1 48.9 73.3





#49

1,4-Dioxane

Concen: 23.627 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Instrument :

MSVOA\_N

ClientSampleId :

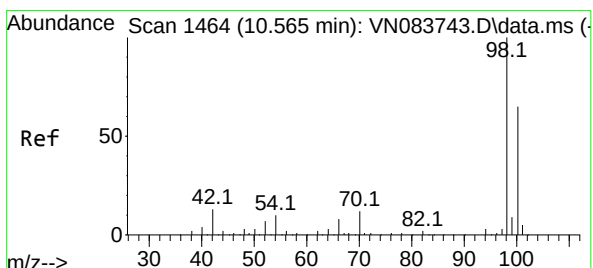
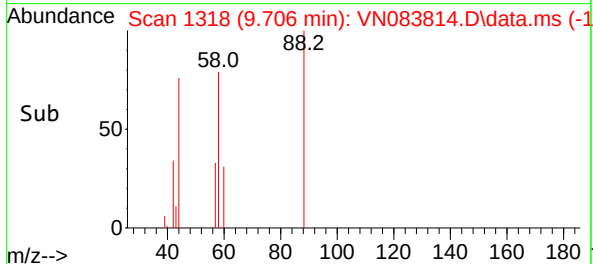
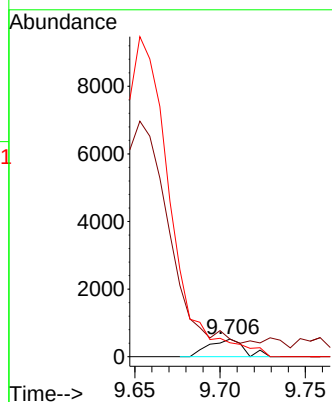
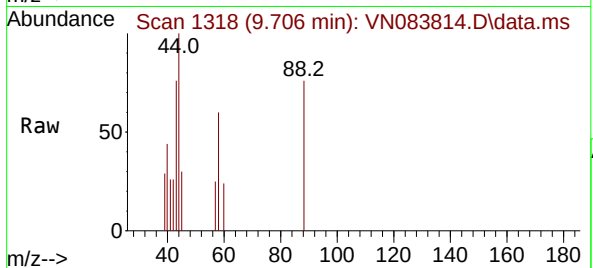
Tgt Ion: 88 Resp: 737

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 57.1 85.7#



#50

Toluene-d8

Concen: 50.934 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083814.D

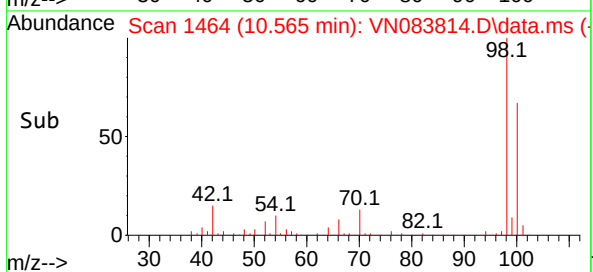
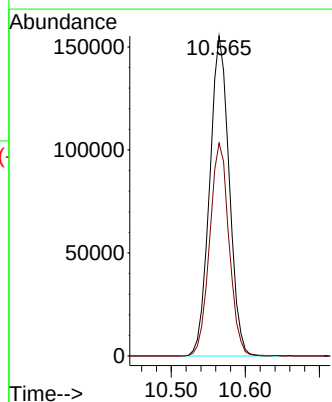
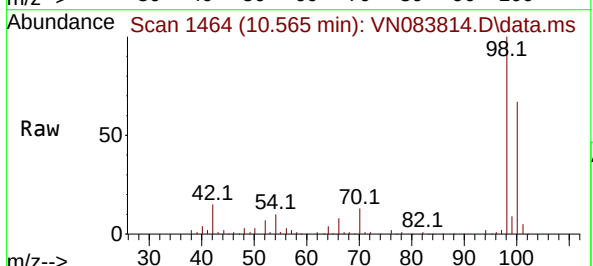
Acq: 11 Sep 2024 22:45

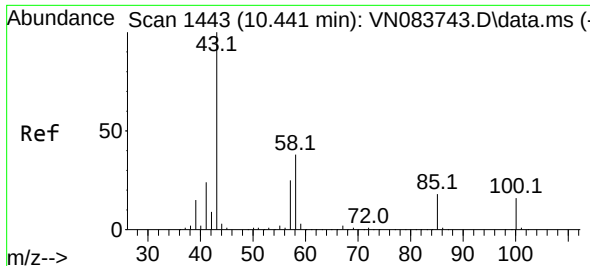
Tgt Ion: 98 Resp: 284253

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.718 ug/l

RT: 10.447 min Scan# 1443

Delta R.T. 0.006 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Instrument :

MSVOA\_N

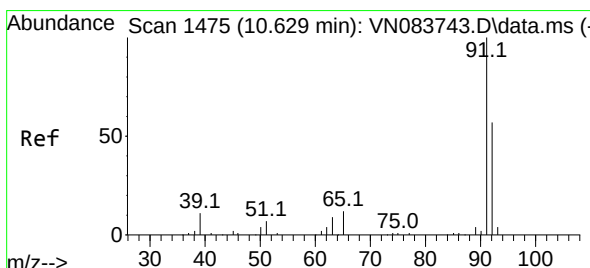
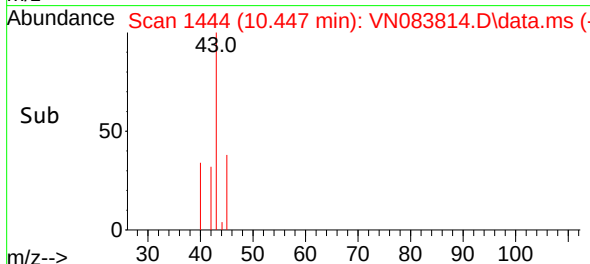
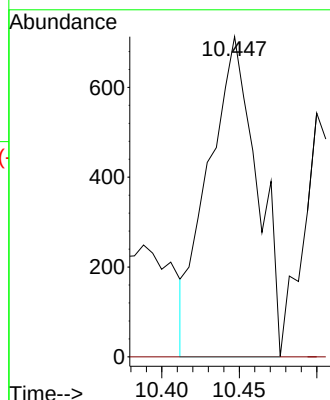
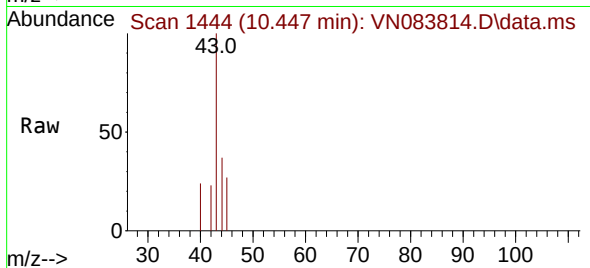
ClientSampleId :

Tgt Ion: 43 Resp: 1562

Ion Ratio Lower Upper

43 100

58 0.0 31.6 47.4#



#52

Toluene

Concen: 1.105 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN083814.D

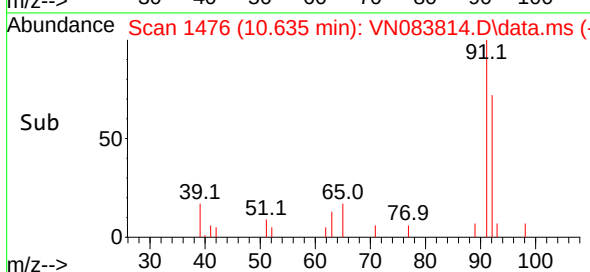
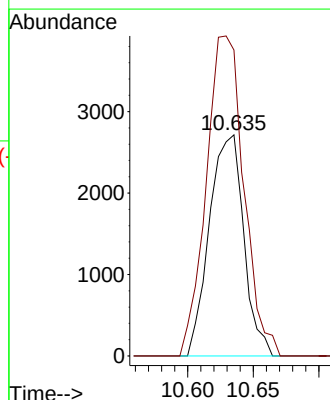
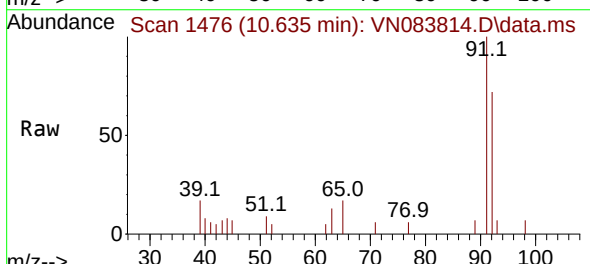
Acq: 11 Sep 2024 22:45

Tgt Ion: 92 Resp: 4942

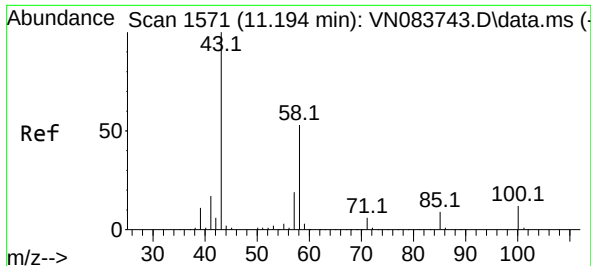
Ion Ratio Lower Upper

92 100

91 158.8 134.7 202.1



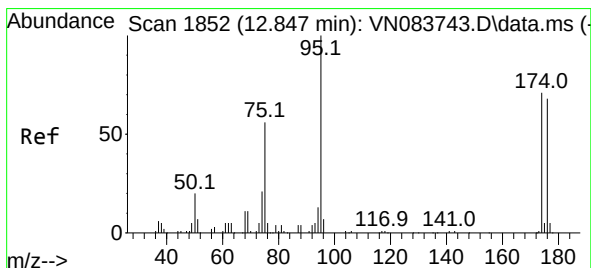
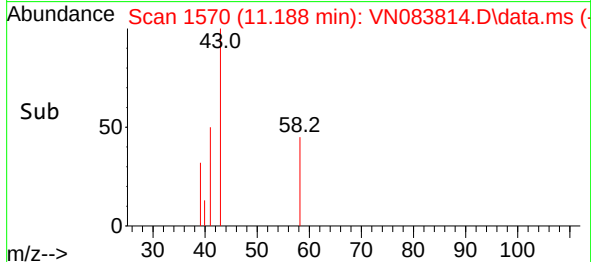
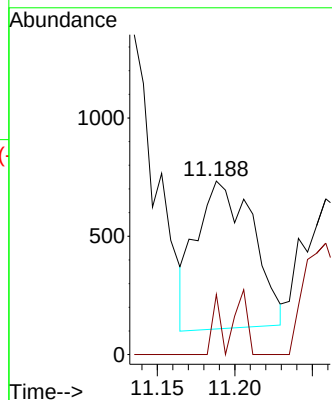
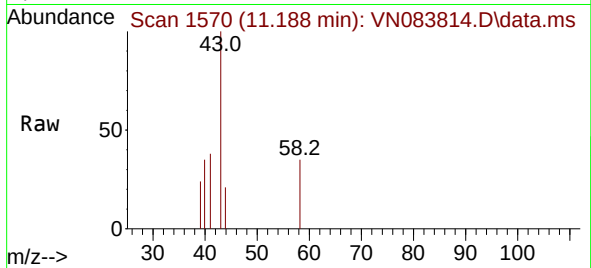




#59  
2-Hexanone  
Concen: 0.982 ug/l  
RT: 11.188 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

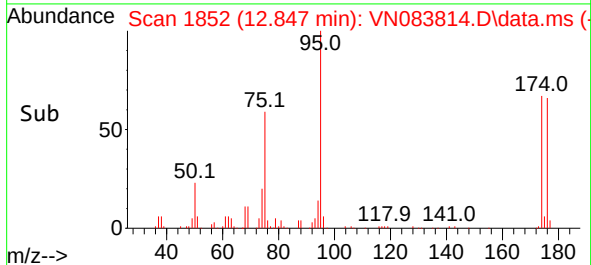
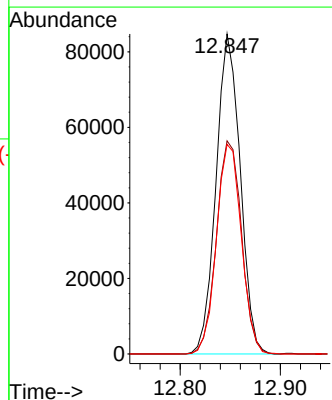
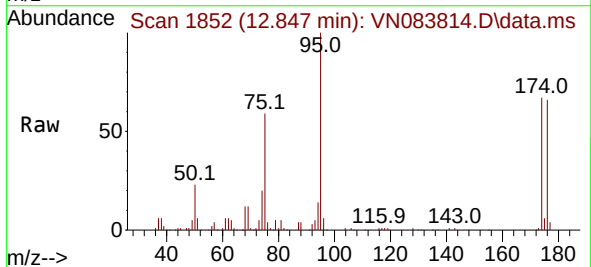
Instrument :  
MSVOA\_N  
ClientSampleId :

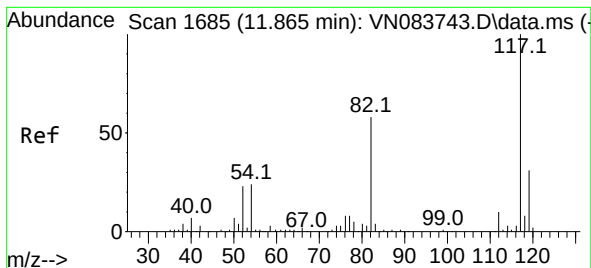
Tgt Ion: 43 Resp: 1580  
Ion Ratio Lower Upper  
43 100  
58 5.7 27.2 81.5#



#62  
4-Bromofluorobenzene  
Concen: 61.619 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Tgt Ion: 95 Resp: 141878  
Ion Ratio Lower Upper  
95 100  
174 69.1 0.0 139.8  
176 67.6 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Instrument :

MSVOA\_N

ClientSampleId :

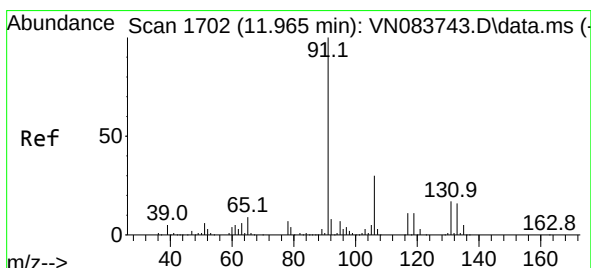
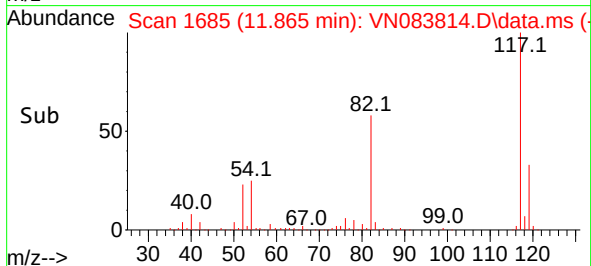
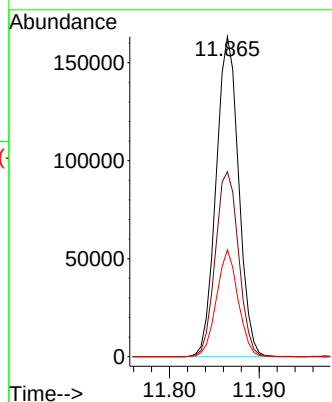
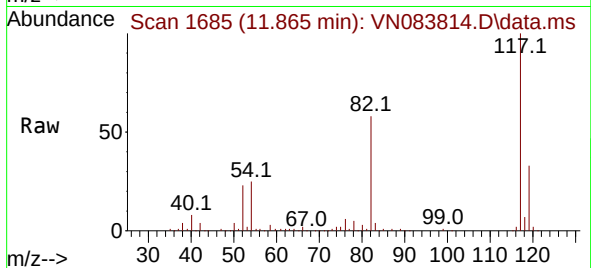
Tgt Ion:117 Resp: 285319

Ion Ratio Lower Upper

117 100

82 57.8 47.4 71.0

119 33.4 26.3 39.5



#67

Ethyl Benzene

Concen: 0.372 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN083814.D

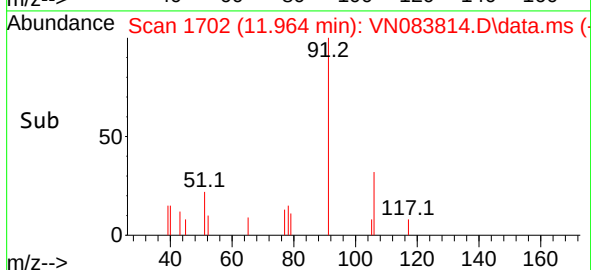
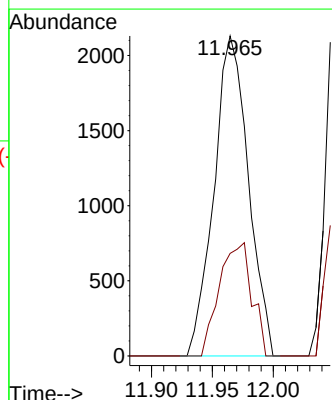
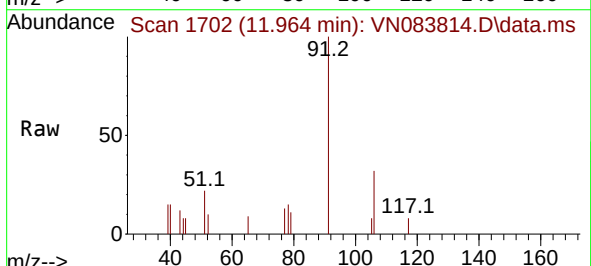
Acq: 11 Sep 2024 22:45

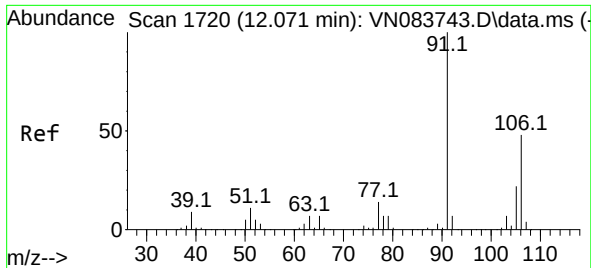
Tgt Ion: 91 Resp: 4188

Ion Ratio Lower Upper

91 100

106 32.1 24.3 36.5

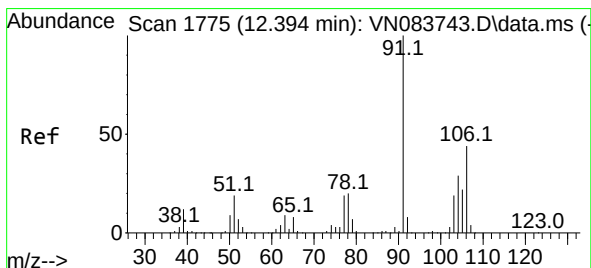
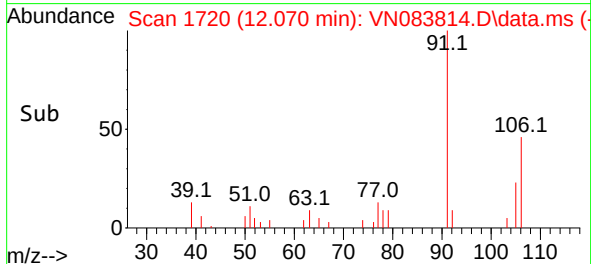
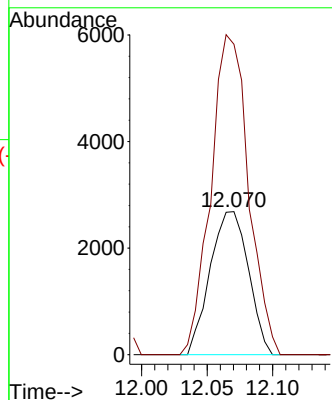
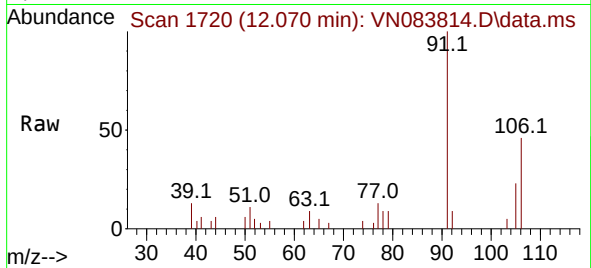




#68  
m/p-Xylenes  
Concen: 1.306 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

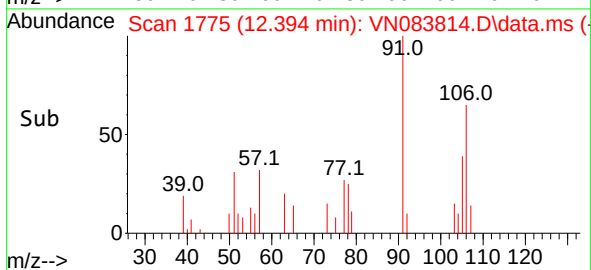
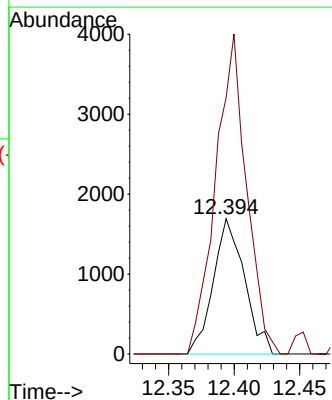
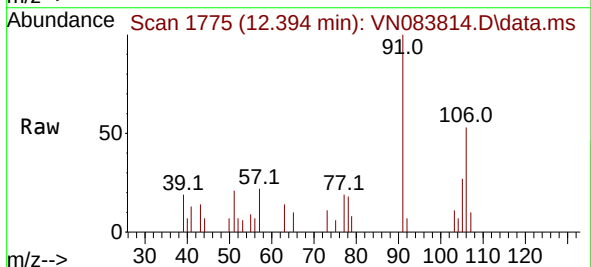
Instrument :  
MSVOA\_N  
ClientSampleId :

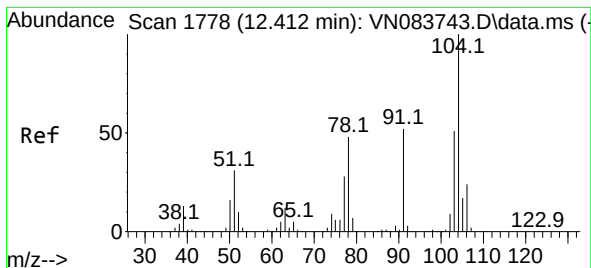
Tgt Ion:106 Resp: 5463  
Ion Ratio Lower Upper  
106 100  
91 219.8 169.2 253.8



#69  
o-Xylene  
Concen: 0.691 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Tgt Ion:106 Resp: 2798  
Ion Ratio Lower Upper  
106 100  
91 234.7 112.9 338.6





#70

Styrene

Concen: 0.251 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Instrument :

MSVOA\_N

ClientSampleId :

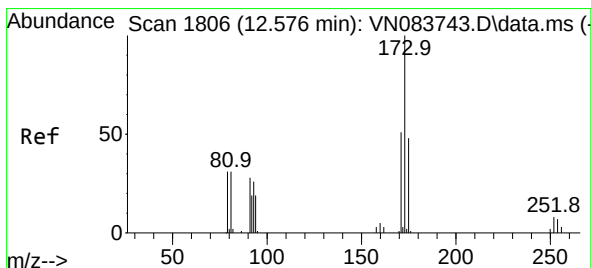
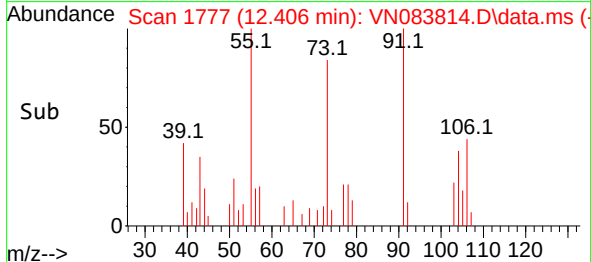
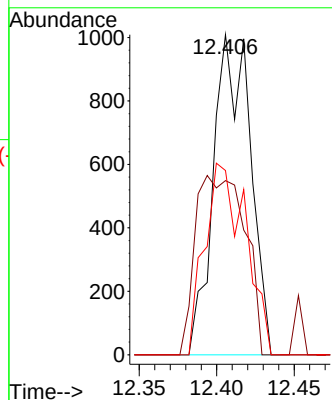
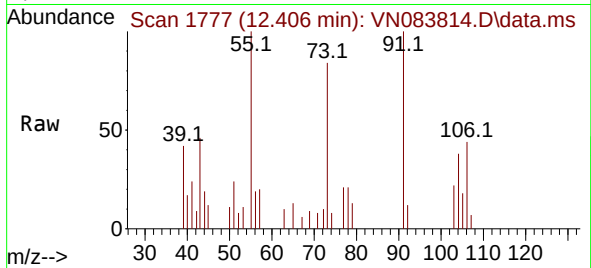
Tgt Ion:104 Resp: 1669

Ion Ratio Lower Upper

104 100

78 75.6 43.3 64.9#

103 66.4 43.4 65.2#



#71

Bromoform

Concen: 0.580 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. 0.265 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

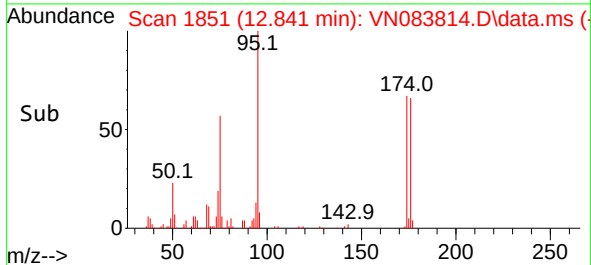
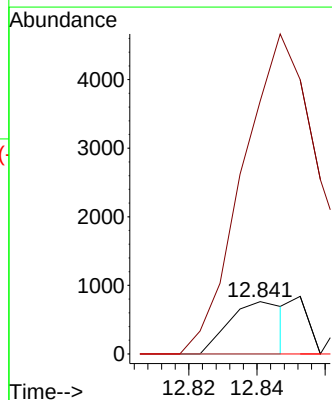
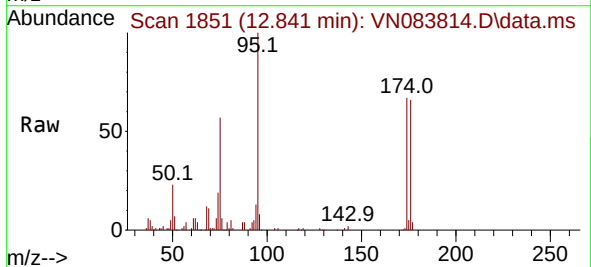
Tgt Ion:173 Resp: 859

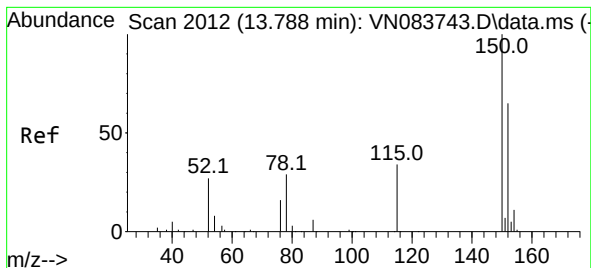
Ion Ratio Lower Upper

173 100

175 671.1 24.1 72.2#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min MSVOA\_N

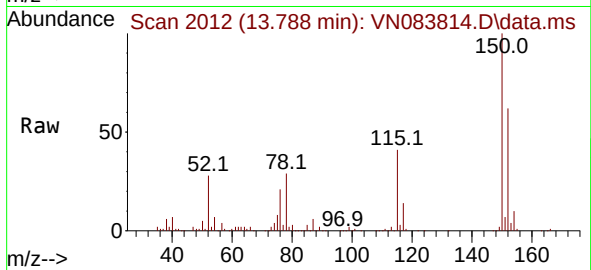
Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Instrument :

MSVOA\_N

ClientSampleId :



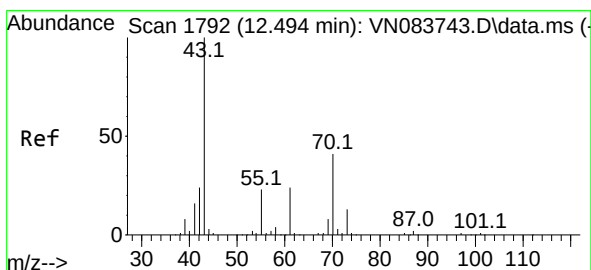
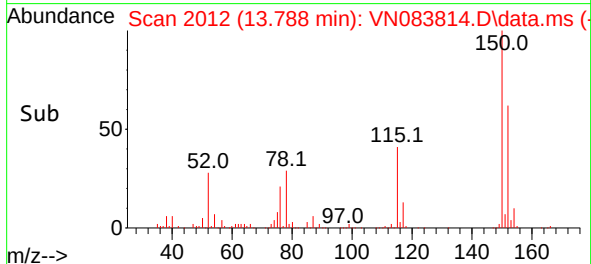
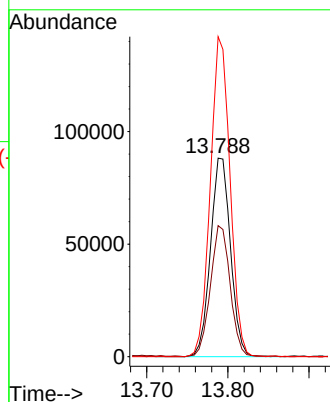
Tgt Ion:152 Resp: 151200

Ion Ratio Lower Upper

152 100

115 64.9 32.2 96.6

150 158.1 0.0 348.6



#74

N-ethyl acetate

Concen: 0.776 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.035 min

Lab File: VN083814.D

Acq: 11 Sep 2024 22:45

Tgt Ion: 43 Resp: 3872

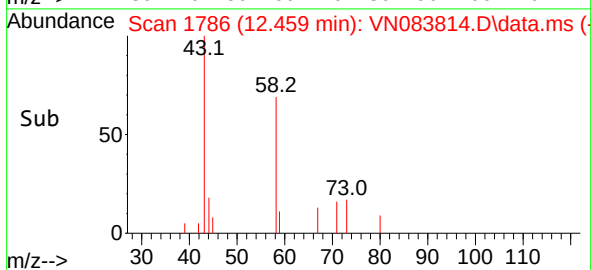
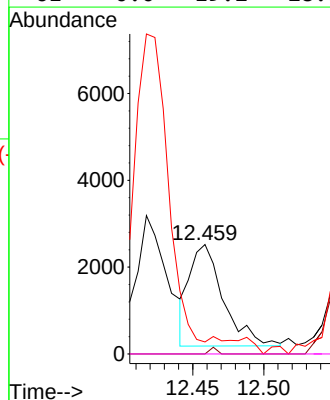
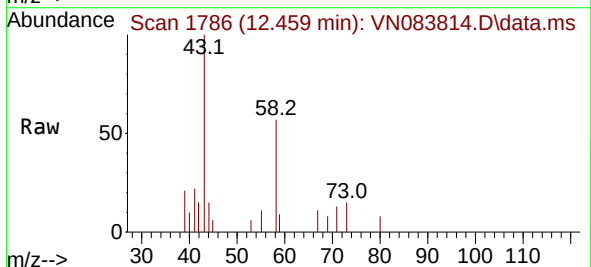
Ion Ratio Lower Upper

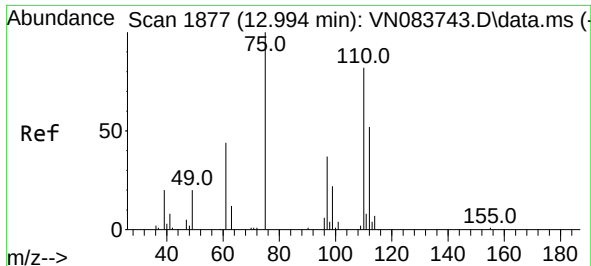
43 100

70 0.0 34.5 51.7#

55 0.0 18.6 28.0#

61 0.0 19.2 28.8#

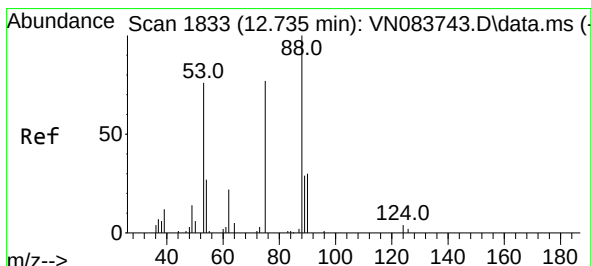
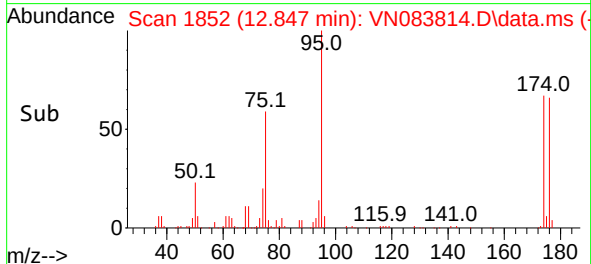
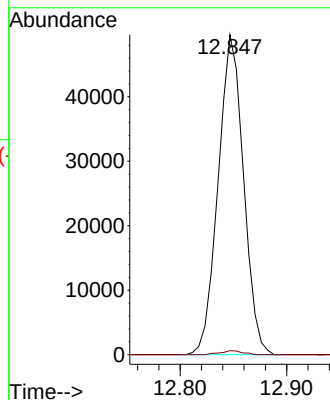
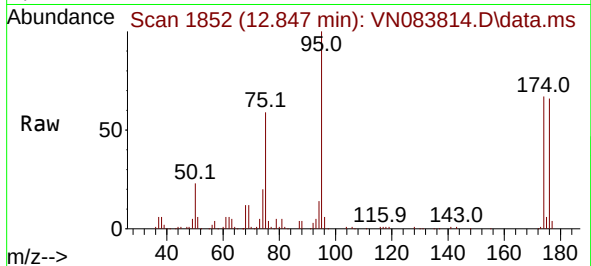




#76  
1,2,3-Trichloropropane  
Concen: 26.849 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.147 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

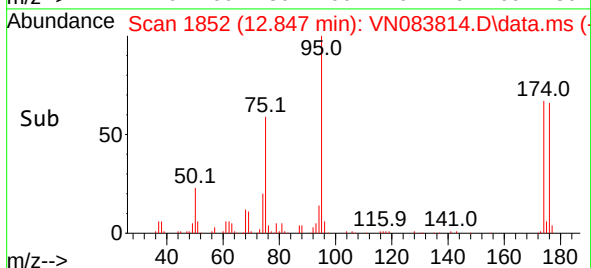
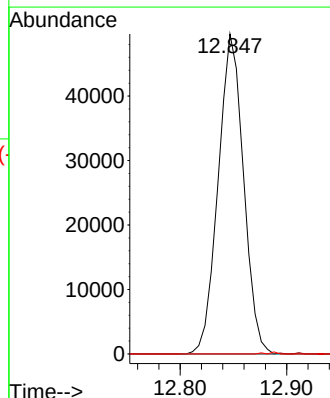
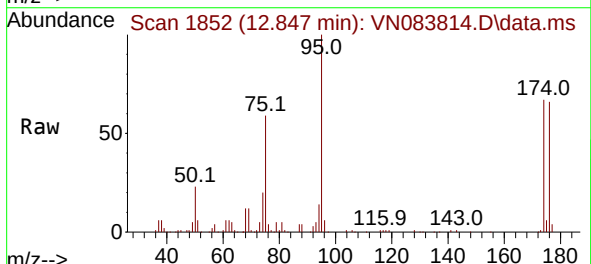
Instrument :  
MSVOA\_N  
ClientSampleId :

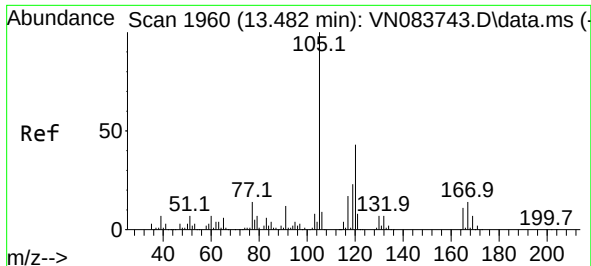
Tgt Ion: 75 Resp: 81914  
Ion Ratio Lower Upper  
75 100  
77 1.1 95.2 285.6#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.319 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Tgt Ion: 75 Resp: 81914  
Ion Ratio Lower Upper  
75 100  
53 0.0 81.2 121.8#  
89 0.0 35.7 53.5#

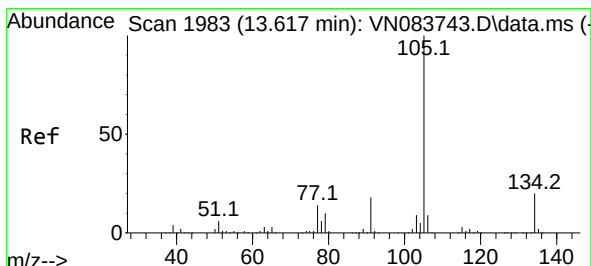
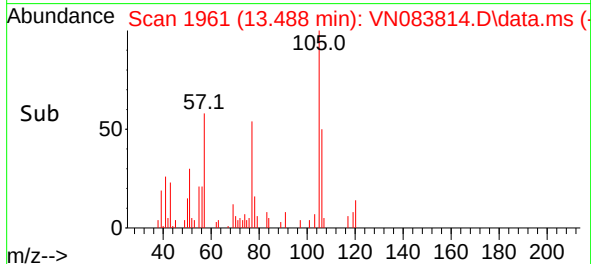
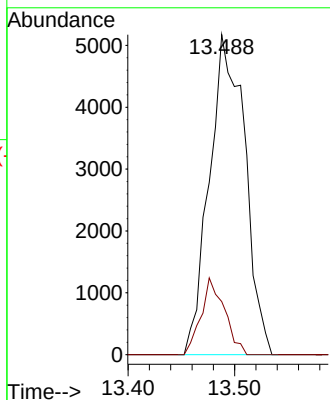
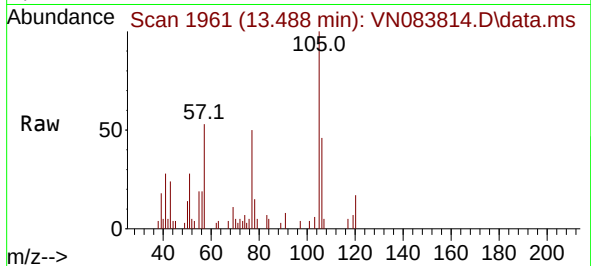




#84  
1,2,4-Trimethylbenzene  
Concen: 1.208 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.006 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

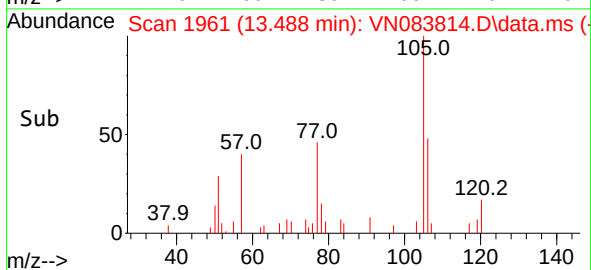
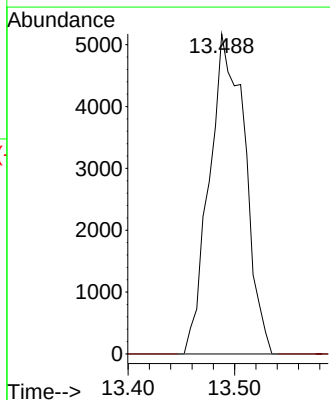
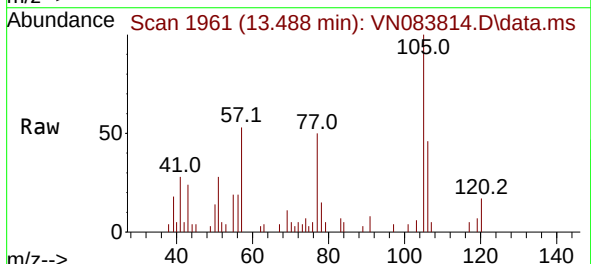
Instrument :  
MSVOA\_N  
ClientSampleId :

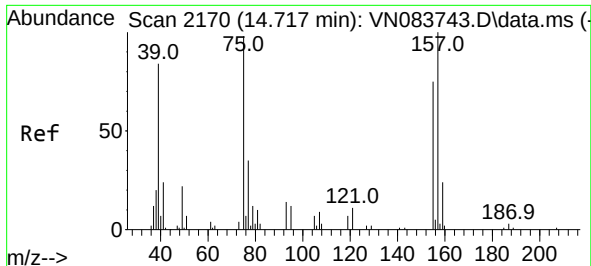
Tgt Ion:105 Resp: 11971  
Ion Ratio Lower Upper  
105 100  
120 15.9 21.8 65.4#



#85  
sec-Butylbenzene  
Concen: 1.046 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. -0.130 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Tgt Ion:105 Resp: 11971  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.7 29.1#

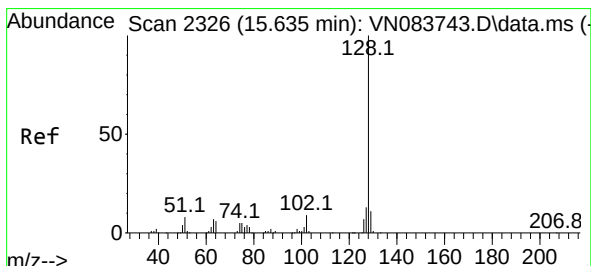
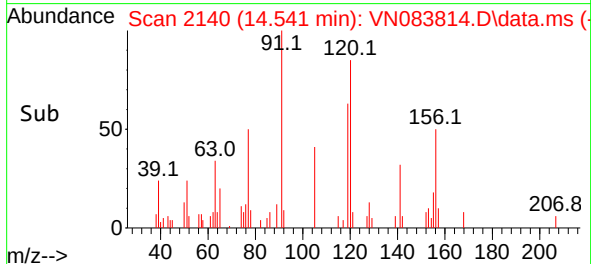
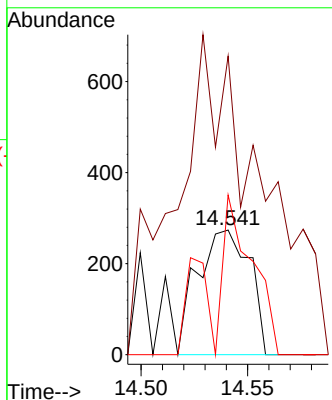
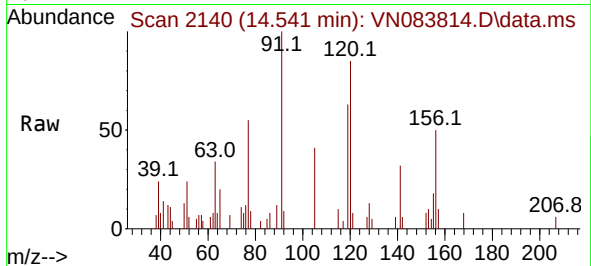




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.683 ug/l  
RT: 14.541 min Scan# 2170  
Delta R.T. -0.177 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 75 Resp: 468  
Ion Ratio Lower Upper  
75 100  
155 0.0 35.9 107.7#  
157 71.4 47.5 142.5



#95  
Naphthalene  
Concen: 8.093 ug/l  
RT: 15.635 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VN083814.D  
Acq: 11 Sep 2024 22:45

Tgt Ion: 128 Resp: 67766  
Ion Ratio Lower Upper  
128 100  
127 13.9 10.2 15.2  
129 11.7 8.7 13.1

