

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120423\  
 Data File : VN080340.D  
 Acq On : 04 Dec 2023 15:58  
 Operator : JC\MD  
 Sample : 05612-01 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 05 04:17:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-----------|--------|----------|
| -----                         |                |      |                     |           |        |          |
| Internal Standards            |                |      |                     |           |        |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 149591              | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 293851              | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.871         | 117  | 299873              | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 164901              | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |                     |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.577          | 65   | 140151              | 56.742    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 113.480% |           |        |          |
| 35) Dibromofluoromethane      | 8.171          | 113  | 111151              | 51.263    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 102.520% |           |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 375625              | 48.058    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 96.120%  |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 171654              | 58.143    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 116.280% |           |        |          |
| Target Compounds              |                |      |                     |           |        |          |
|                               |                |      |                     |           | Qvalue |          |
| 6) Chloroethane               | 3.112          | 64   | 132                 | Below Cal | #      | 43       |
| 11) Tert butyl alcohol        | 5.512          | 59   | 298                 | 1.097     | ug/l # | 72       |
| 16) Acetone                   | 4.453          | 43   | 1291                | 1.556     | ug/l # | 82       |
| 18) Methyl Acetate            | 5.024          | 43   | 2903                | 1.089     | ug/l # | 75       |
| 20) Methylene Chloride        | 5.295          | 84   | 516                 | 0.297     | ug/l # | 48       |
| 31) Cyclohexane               | 8.224          | 56   | 5013                | 1.866     | ug/l # | 18       |
| 36) 1,1-Dichloropropene       | 8.224          | 75   | 12261               | 3.906     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 8.230          | 117  | 18412               | 4.622     | ug/l # | 17       |
| 39) Methylcyclohexane         | 9.600          | 83   | 2054                | 0.679     | ug/l   | 98       |
| 40) Benzene                   | 8.606          | 78   | 905470              | 101.488   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.606          | 62   | 8733                | 2.393     | ug/l # | 73       |
| 43) Isopropyl Acetate         | 8.677          | 43   | 6963                | 1.643     | ug/l # | 49       |
| 52) Toluene                   | 10.635         | 92   | 16956               | 3.037     | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.894         | 97   | 436                 | 0.205     | ug/l # | 16       |
| 65) Chlorobenzene             | 12.047         | 112  | 1919                | 0.282     | ug/l # | 43       |
| 67) Ethyl Benzene             | 11.965         | 91   | 2187972             | 180.956   | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.076         | 106  | 141095              | 32.005    | ug/l   | 87       |
| 69) o-Xylene                  | 12.400         | 106  | 193626              | 46.604    | ug/l   | 88       |
| 70) Styrene                   | 12.406         | 104  | 17920               | 2.898     | ug/l # | 1        |
| 71) Bromoform                 | 12.853         | 173  | 870                 | 0.445     | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.700         | 105  | 64092               | 5.002     | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.853         | 75   | 98390               | 24.352    | ug/l # | 1        |
| 78) n-propylbenzene           | 13.035         | 91   | 18032               | 1.258     | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.129         | 91   | 20790               | 2.234     | ug/l # | 45       |
| 80) 1,3,5-Trimethylbenzene    | 13.176         | 105  | 46102               | 4.133     | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 98390               | 82.275    | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 13.176         | 91   | 6349                | 0.666     | ug/l # | 41       |
| 83) tert-Butylbenzene         | 13.482         | 119  | 26549               | 2.968     | ug/l # | 43       |
| 84) 1,2,4-Trimethylbenzene    | 13.482         | 105  | 215824              | 19.650    | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.482         | 105  | 215824              | 19.073    | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 13.729         | 119  | 7285                | 0.721     | ug/l # | 73       |
| 89) n-Butylbenzene            | 14.000         | 91   | 438900              | 51.875    | ug/l # | 43       |
| 90) Hexachloroethane          | 14.329         | 117  | 5024                | 2.549     | ug/l # | 21       |
| 95) Naphthalene               | 15.641         | 128  | 8963643             | 954.178   | ug/l   | 99       |
| -----                         |                |      |                     |           |        |          |

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Sample : 05612-01 10X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

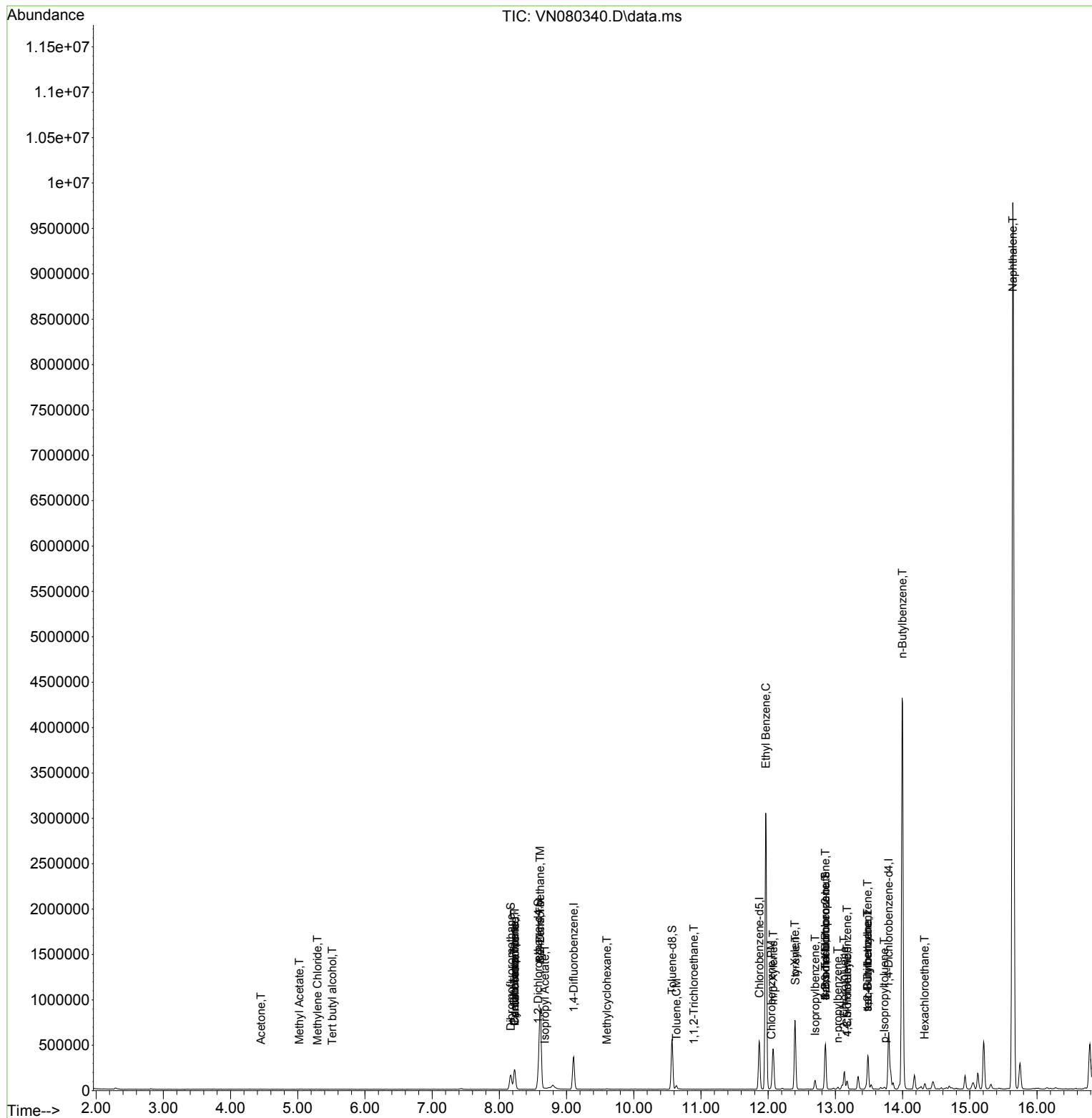
Quant Time: Dec 05 04:17:21 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 17 01:19:32 2023  
Response via : Initial Calibration

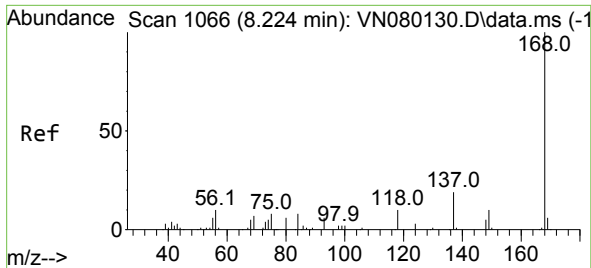
| Compound                                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                 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

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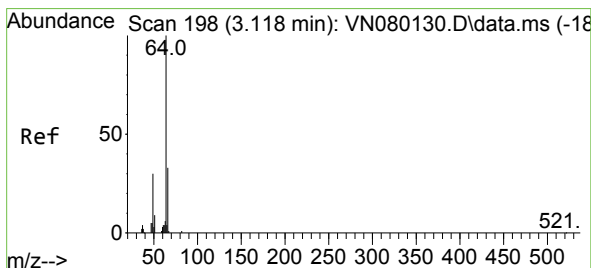
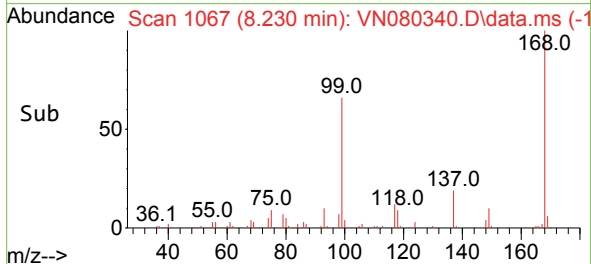
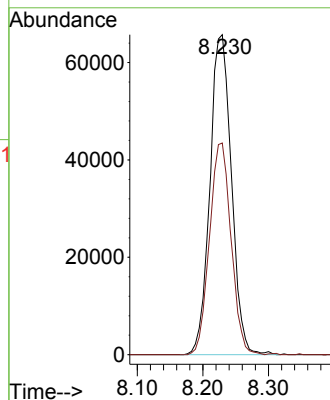
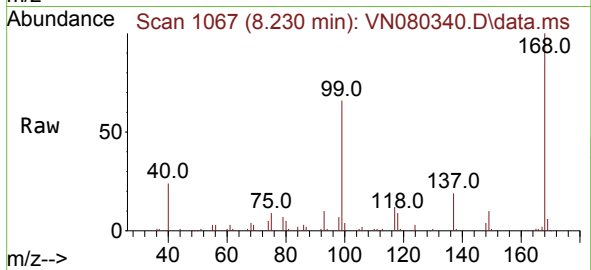




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

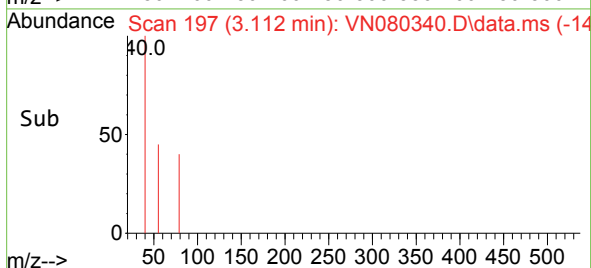
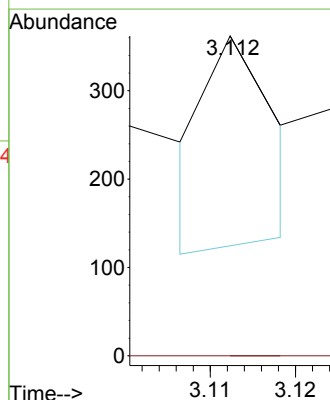
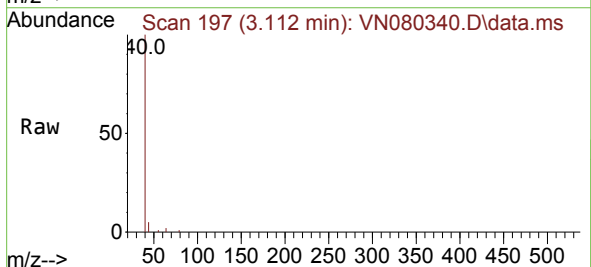
Instrument :  
MSVOA\_N  
ClientSampleId :

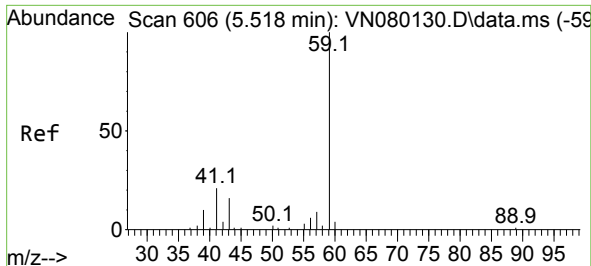
Tgt Ion:168 Resp: 149591  
Ion Ratio Lower Upper  
168 100  
99 66.2 53.0 79.6



#6  
Chloroethane  
Concen: Below Cal  
RT: 3.112 min Scan# 197  
Delta R.T. -0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Tgt Ion: 64 Resp: 132  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.2#

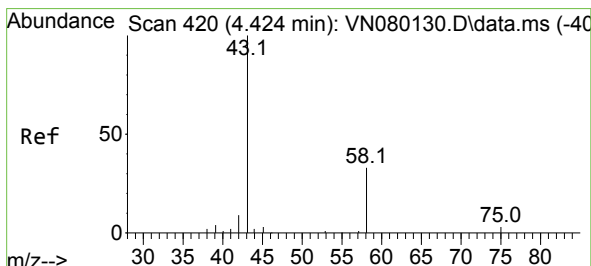
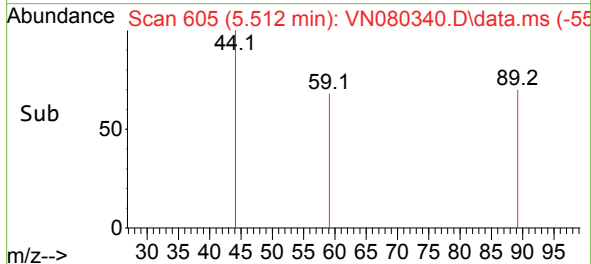
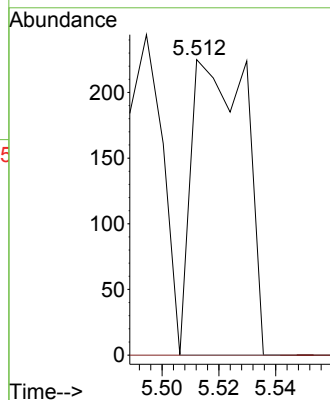
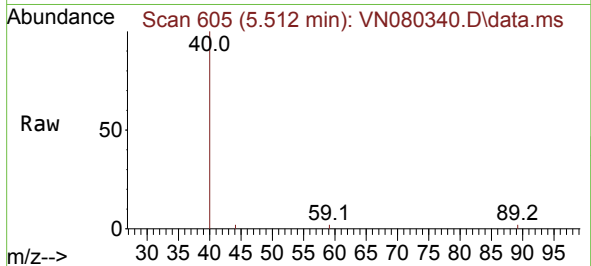




#11  
Tert butyl alcohol  
Concen: 1.097 ug/l  
RT: 5.512 min Scan# 606  
Delta R.T. -0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

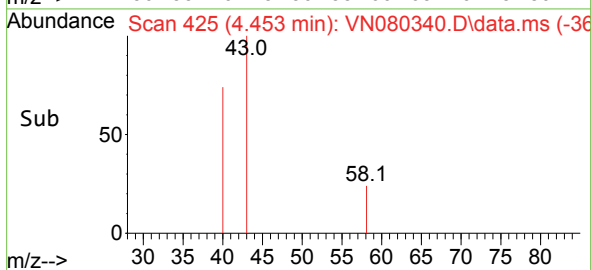
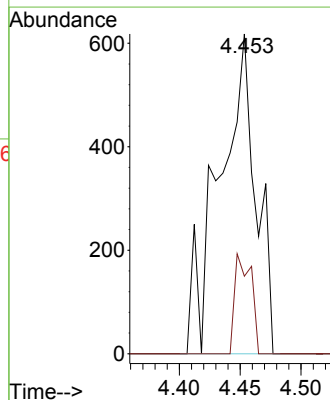
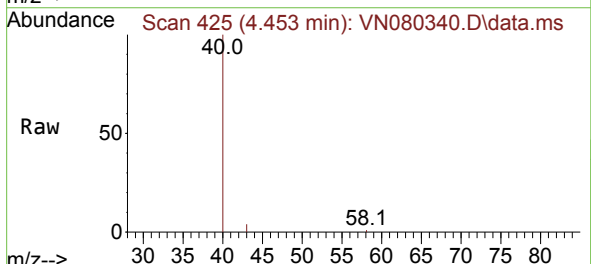
Instrument :  
MSVOA\_N  
ClientSampleId :

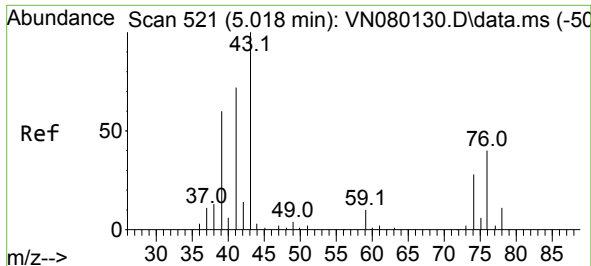
Tgt Ion: 59 Resp: 298  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#16  
Acetone  
Concen: 1.556 ug/l  
RT: 4.453 min Scan# 425  
Delta R.T. 0.029 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Tgt Ion: 43 Resp: 1291  
Ion Ratio Lower Upper  
43 100  
58 24.3 28.0 42.0#

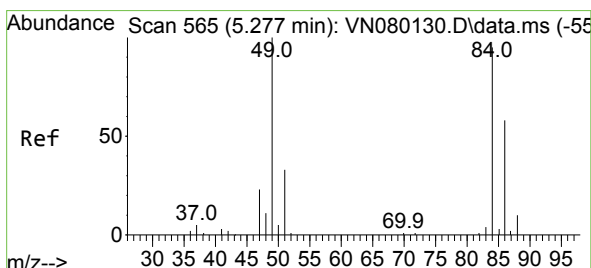
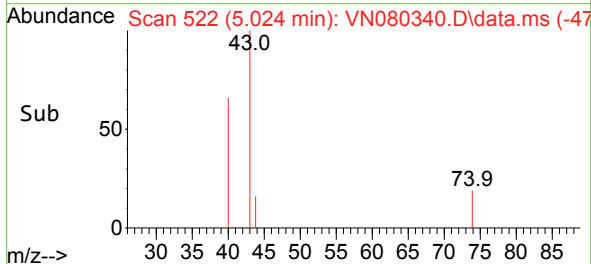
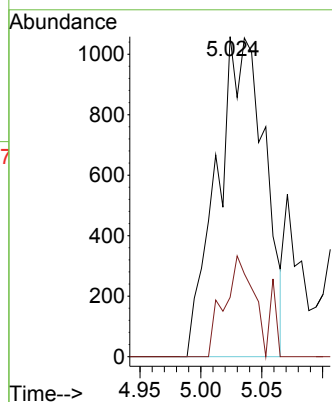
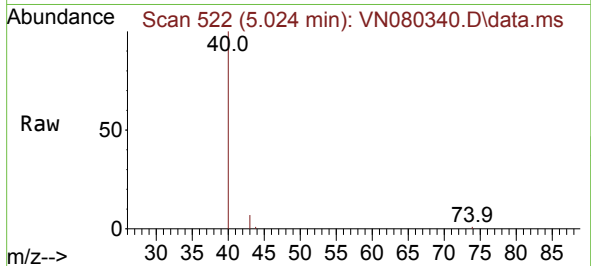




#18  
Methyl Acetate  
Concen: 1.089 ug/l  
RT: 5.024 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

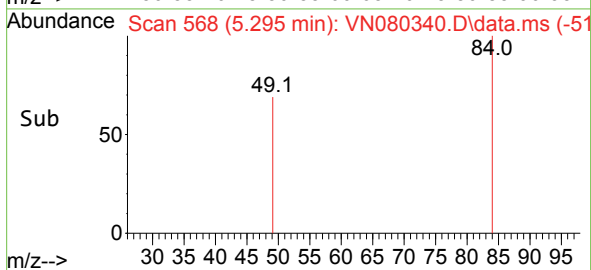
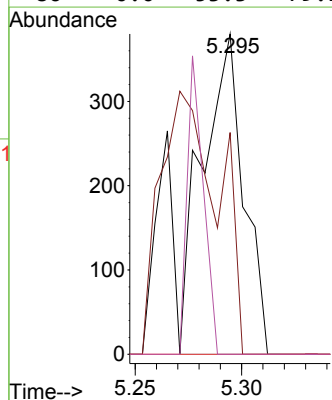
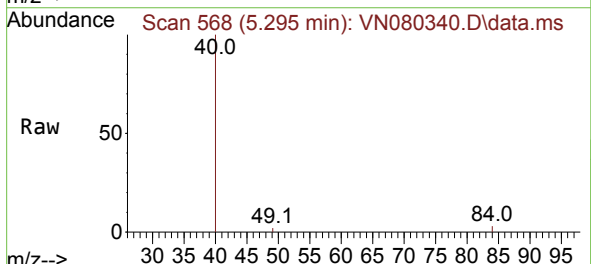
Instrument :  
MSVOA\_N  
ClientSampleId :

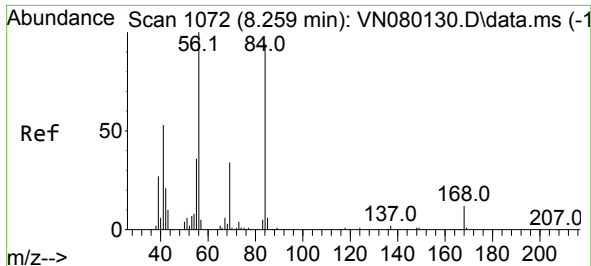
Tgt Ion: 43 Resp: 2903  
Ion Ratio Lower Upper  
43 100  
74 18.8 26.2 39.4#



#20  
Methylene Chloride  
Concen: 0.297 ug/l  
RT: 5.295 min Scan# 568  
Delta R.T. 0.018 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

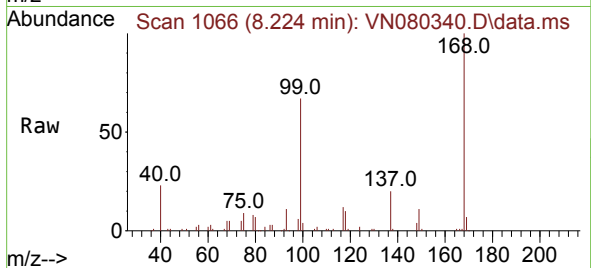
Tgt Ion: 84 Resp: 516  
Ion Ratio Lower Upper  
84 100  
49 69.2 79.7 119.5#  
51 0.0 25.2 37.8#  
86 0.0 53.3 79.9#



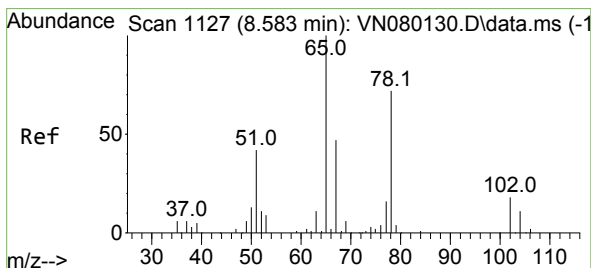
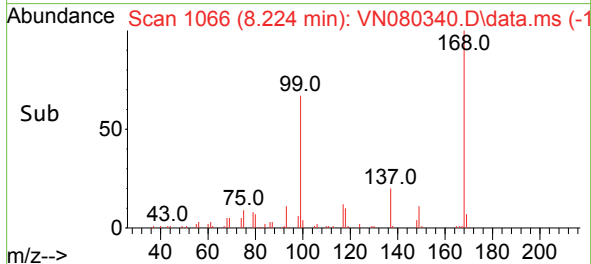
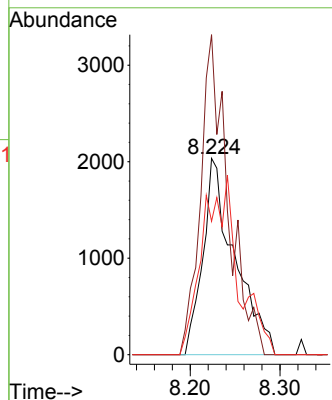


#31  
Cyclohexane  
Concen: 1.866 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.035 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Instrument :  
MSVOA\_N  
ClientSampleId :

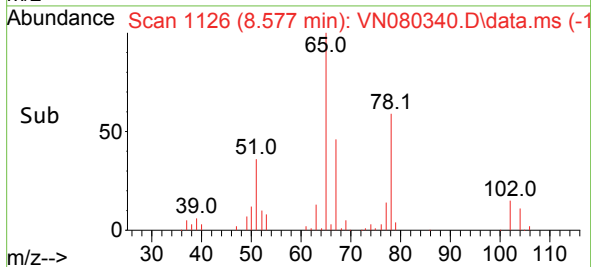
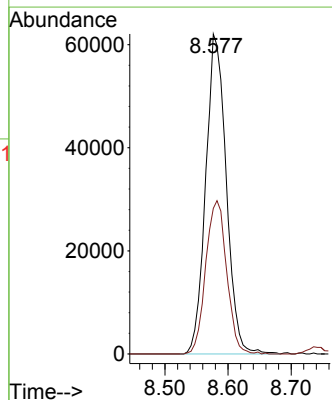
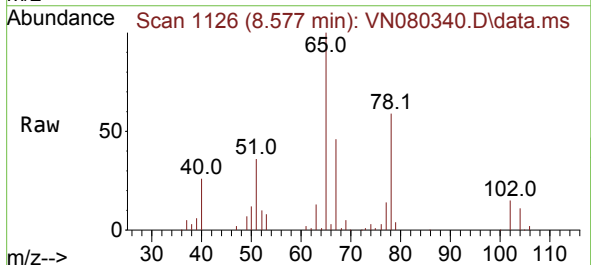


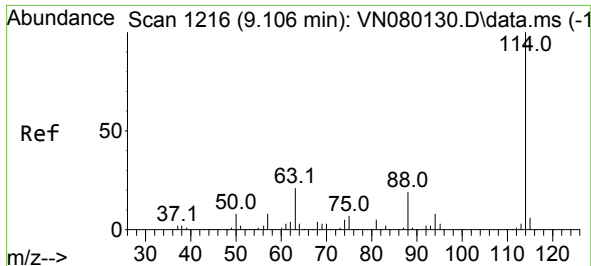
Tgt Ion: 56 Resp: 5013  
Ion Ratio Lower Upper  
56 100  
69 163.0 26.8 40.2#  
84 68.0 81.8 122.6#



#33  
1,2-Dichloroethane-d4  
Concen: 56.742 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Tgt Ion: 65 Resp: 140151  
Ion Ratio Lower Upper  
65 100  
67 48.9 0.0 106.6

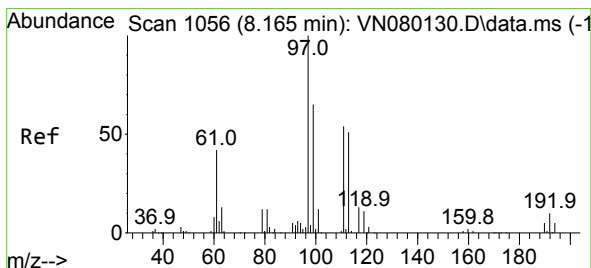
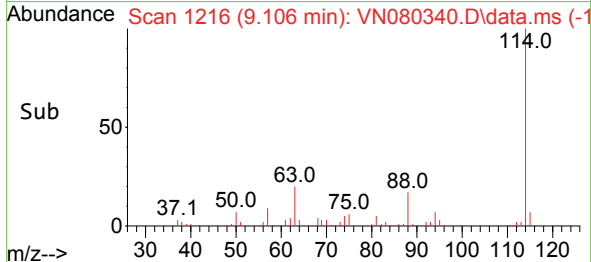
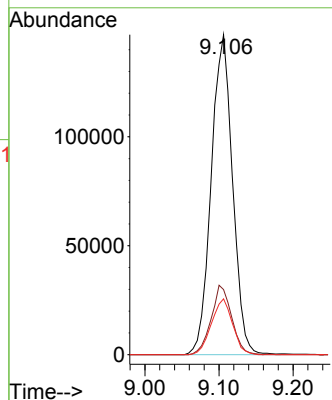
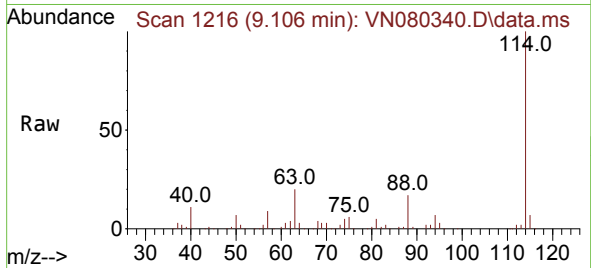




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

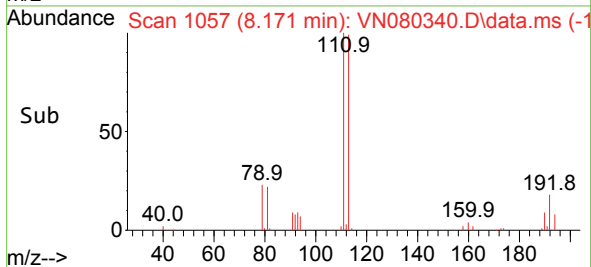
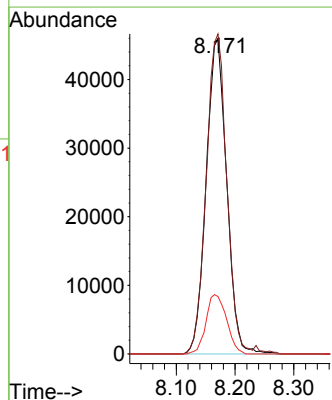
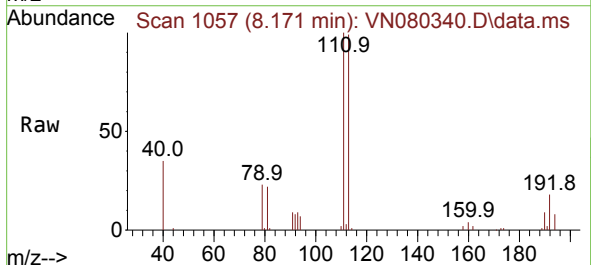
Instrument :  
MSVOA\_N  
ClientSampleId :

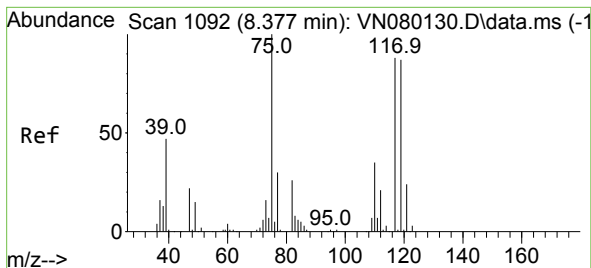
Tgt Ion:114 Resp: 293851  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 36.4  
88 17.5 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 51.263 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Tgt Ion:113 Resp: 111151  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.6 123.8  
192 18.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 3.906 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

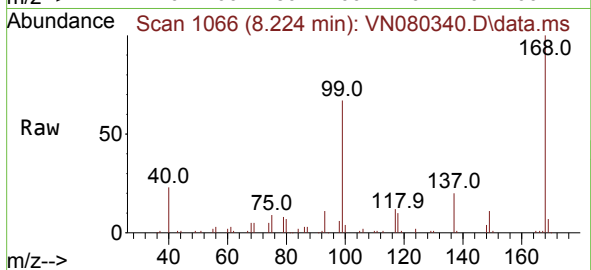
Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

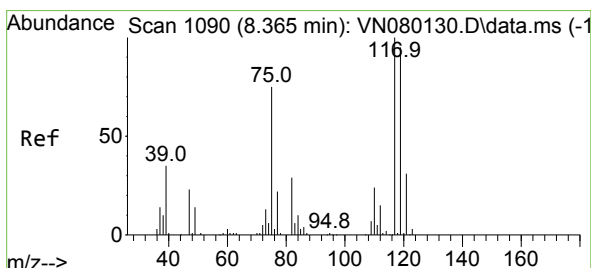
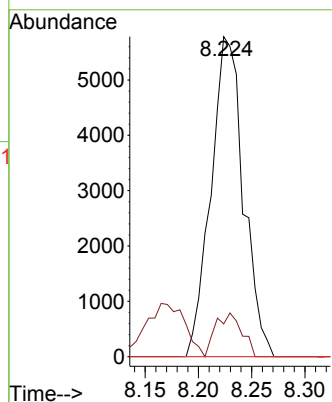
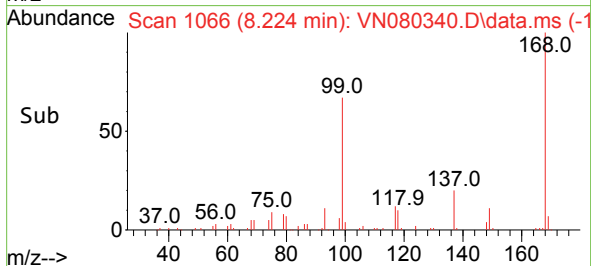
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 12261 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 11.0  | 19.1  | 57.3# |
| 77        | 0.0   | 25.0  | 37.4# |



#38

Carbon Tetrachloride

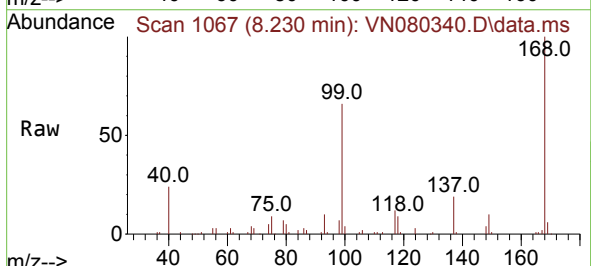
Concen: 4.622 ug/l

RT: 8.230 min Scan# 1067

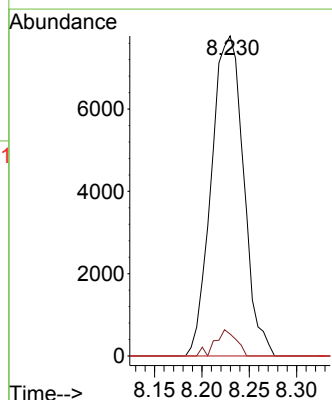
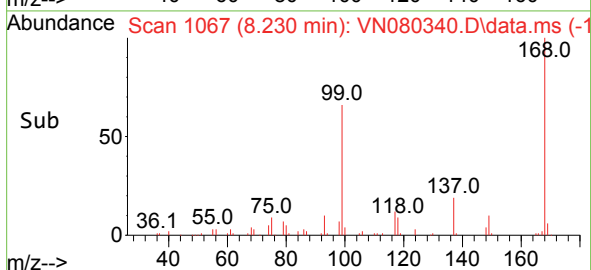
Delta R.T. -0.135 min

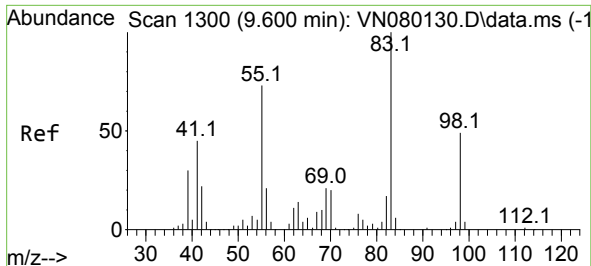
Lab File: VN080340.D

Acq: 04 Dec 2023 15:58



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 18412  |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 6.9   | 77.3  | 115.9# |
| 121       | 0.0   | 23.3  | 34.9#  |

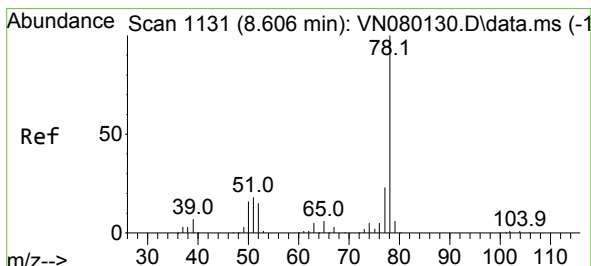
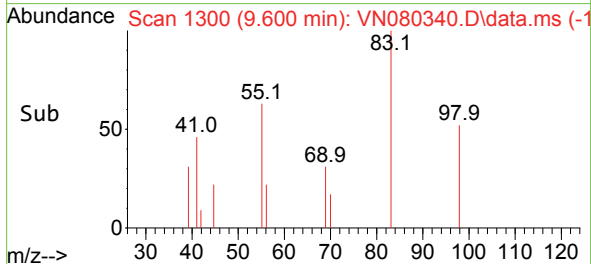
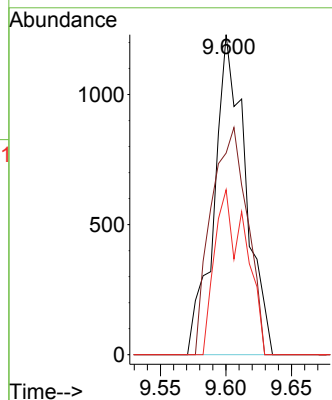
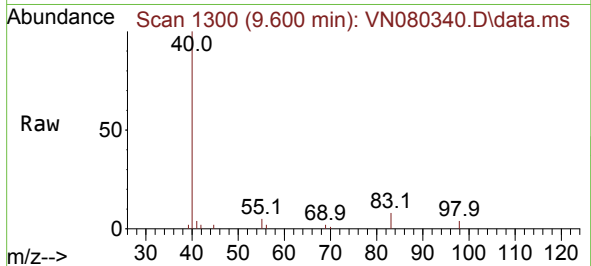




#39  
Methylcyclohexane  
Concen: 0.679 ug/l  
RT: 9.600 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

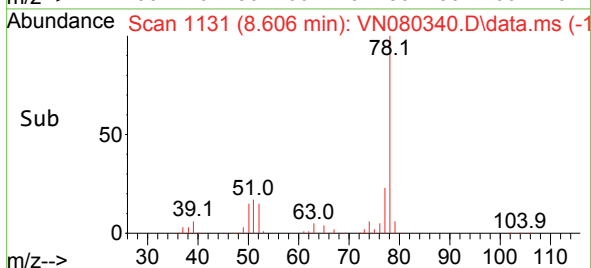
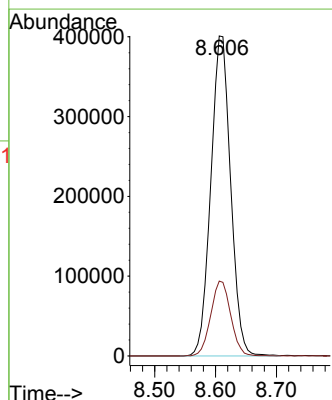
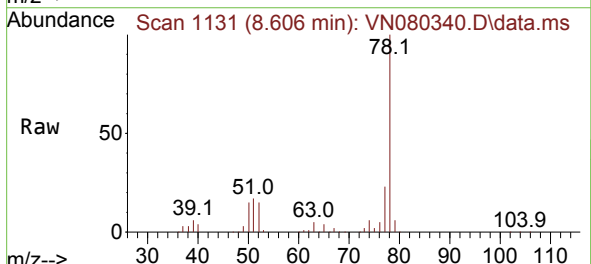
Instrument :  
MSVOA\_N  
ClientSampleId :

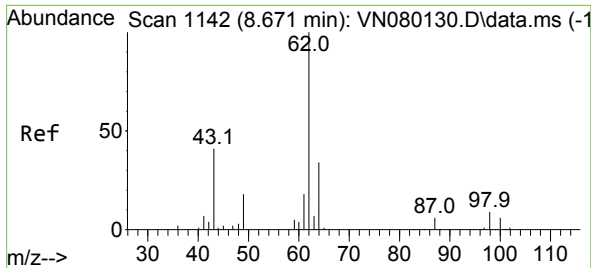
Tgt Ion: 83 Resp: 2054  
Ion Ratio Lower Upper  
83 100  
55 63.0 49.1 73.7  
98 51.5 40.6 61.0



#40  
Benzene  
Concen: 101.488 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Tgt Ion: 78 Resp: 905470  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.0 28.6





#42

1,2-Dichloroethane

Concen: 2.393 ug/l

RT: 8.606 min Scan# 1142

Delta R.T. -0.065 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

Instrument :

MSVOA\_N

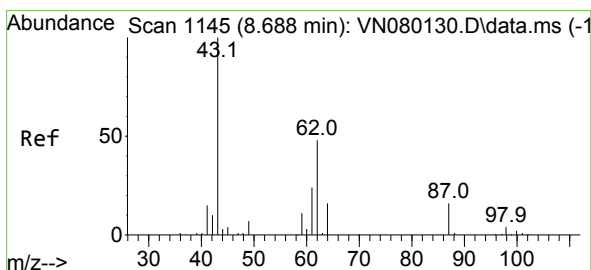
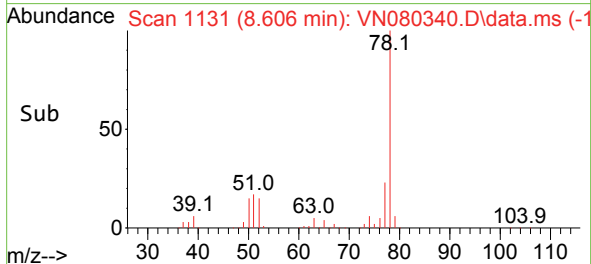
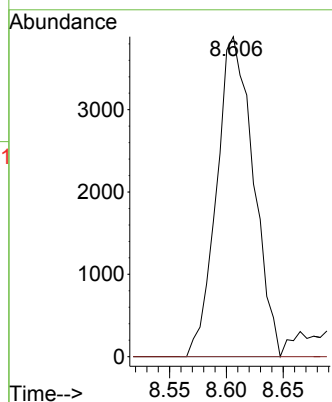
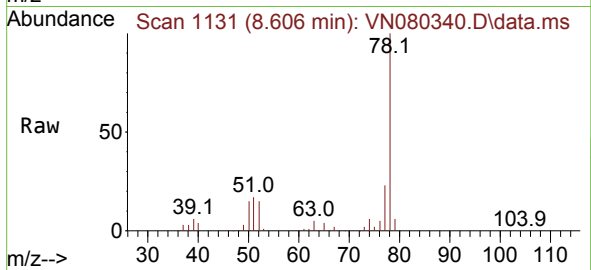
ClientSampleId :

Tgt Ion: 62 Resp: 8733

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 1.643 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.012 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

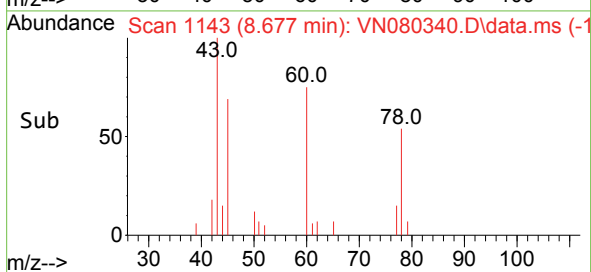
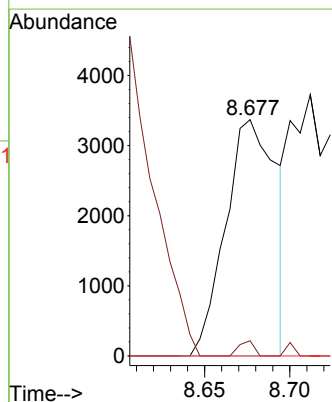
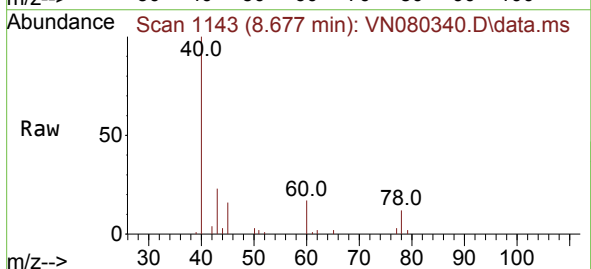
Tgt Ion: 43 Resp: 6963

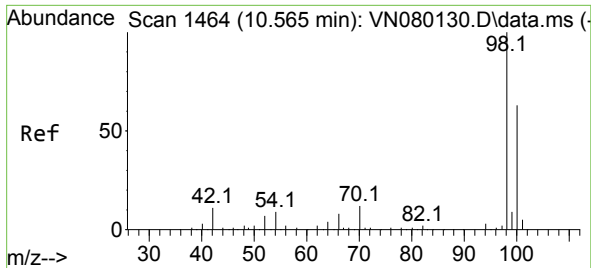
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

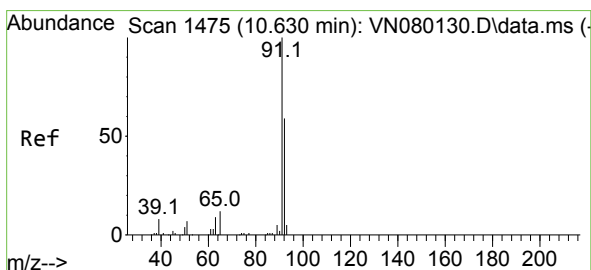
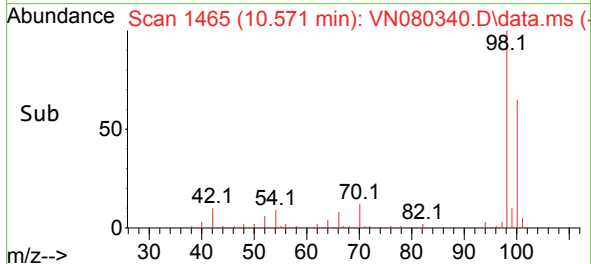
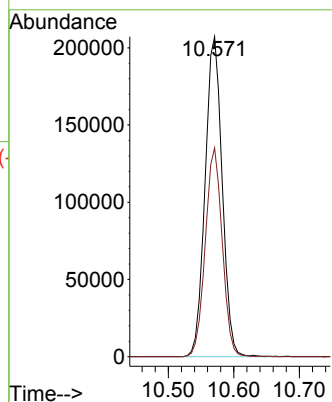
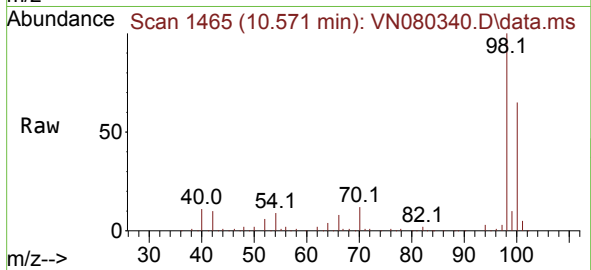




#50  
Toluene-d8  
Concen: 48.058 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

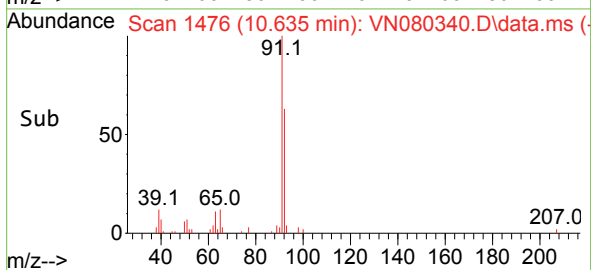
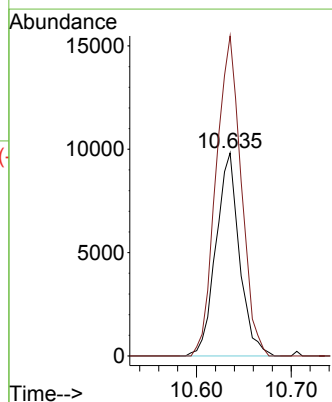
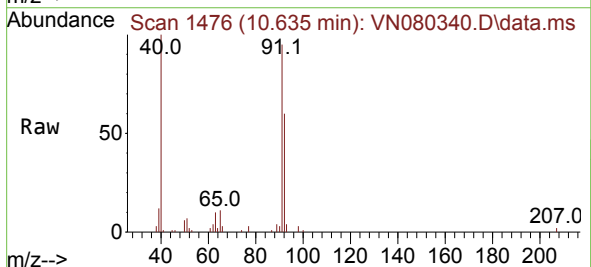
Instrument :  
MSVOA\_N  
ClientSampleId :

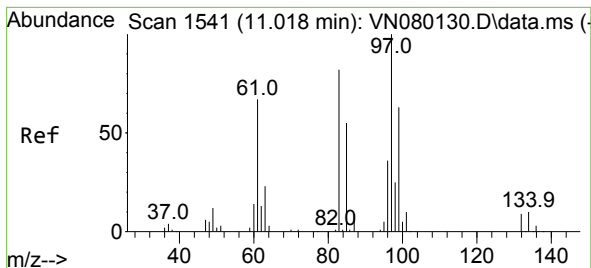
Tgt Ion: 98 Resp: 375625  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.0 78.0



#52  
Toluene  
Concen: 3.037 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Tgt Ion: 92 Resp: 16956  
Ion Ratio Lower Upper  
92 100  
91 168.5 137.4 206.0





#55

1,1,2-Trichloroethane

Concen: 0.205 ug/l

RT: 10.894 min Scan# 1

Delta R.T. -0.124 min

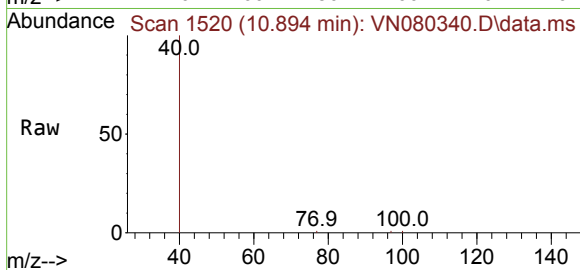
Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 436

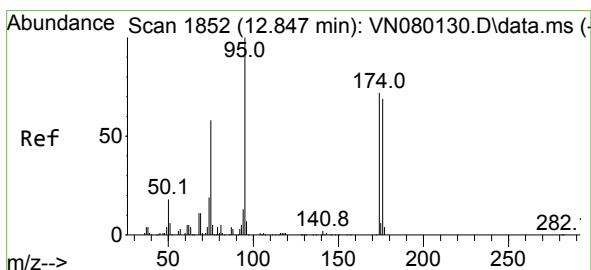
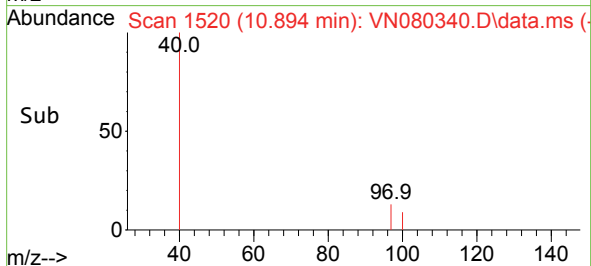
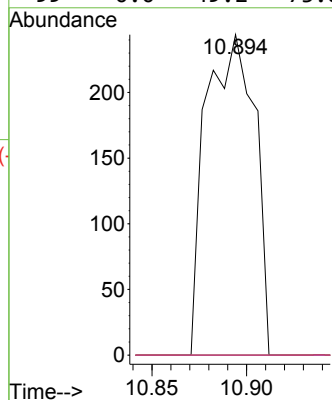
Ion Ratio Lower Upper

97 100

83 0.0 65.1 97.7#

85 0.0 43.4 65.2#

99 0.0 49.2 73.8#



#62

4-Bromofluorobenzene

Concen: 58.143 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

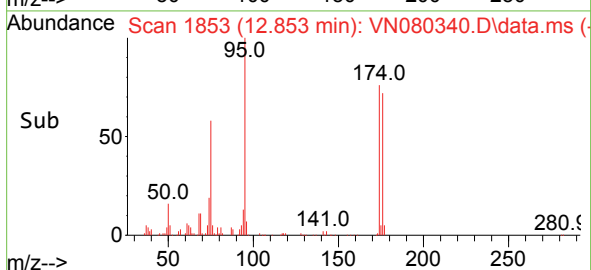
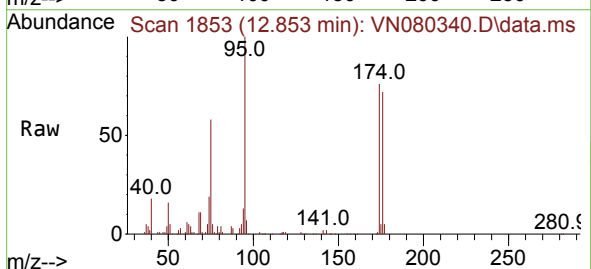
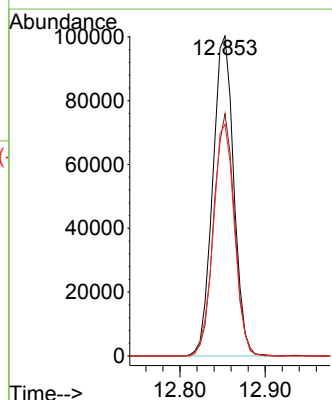
Tgt Ion: 95 Resp: 171654

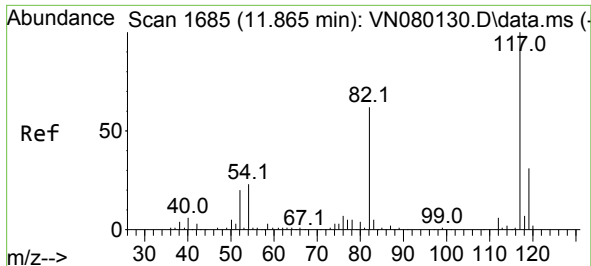
Ion Ratio Lower Upper

95 100

174 75.0 0.0 143.8

176 73.5 0.0 135.8

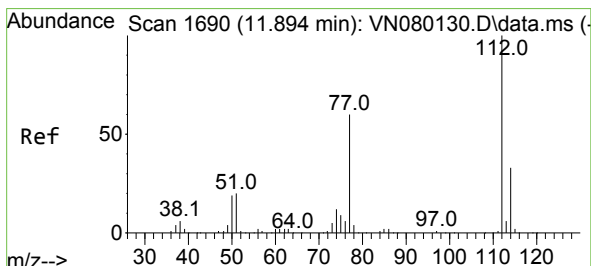
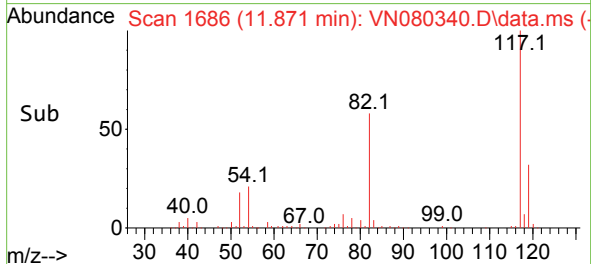
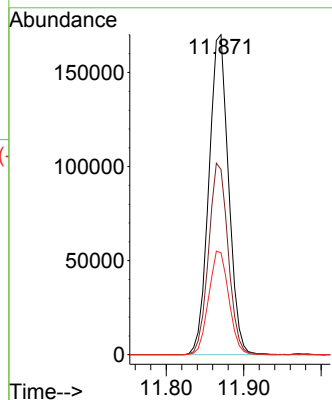
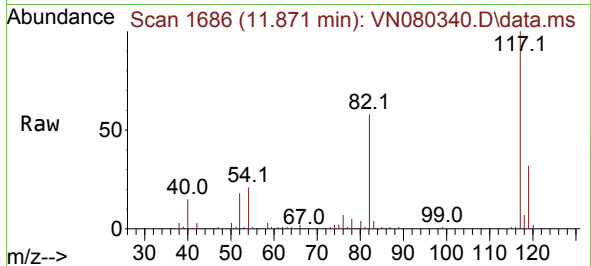




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

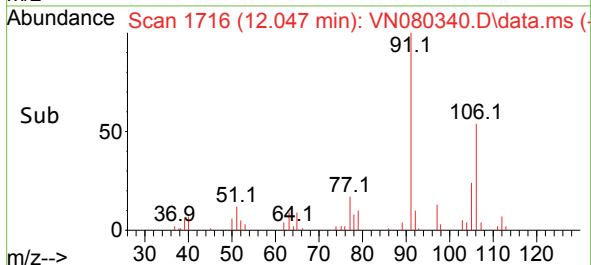
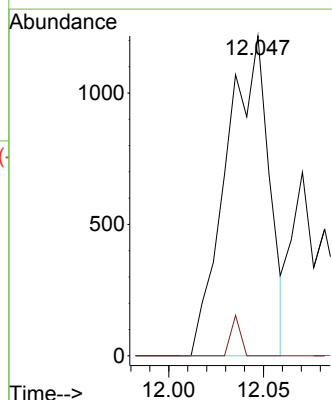
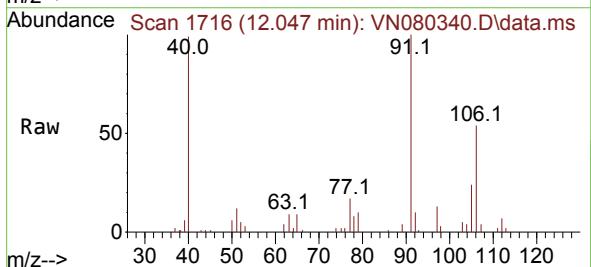
Instrument :  
MSVOA\_N  
ClientSampleId :

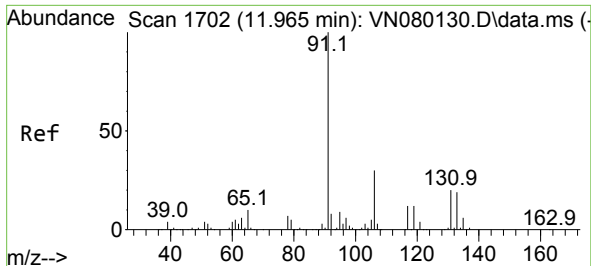
Tgt Ion:117 Resp: 299873  
Ion Ratio Lower Upper  
117 100  
82 57.9 44.0 66.0  
119 31.8 25.6 38.4



#65  
Chlorobenzene  
Concen: 0.282 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. 0.153 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Tgt Ion:112 Resp: 1919  
Ion Ratio Lower Upper  
112 100  
114 0.0 25.0 37.4#

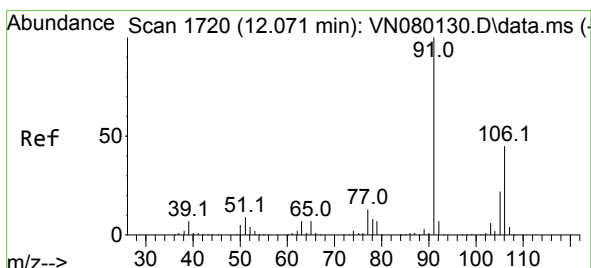
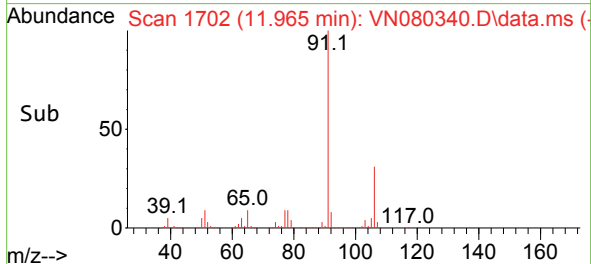
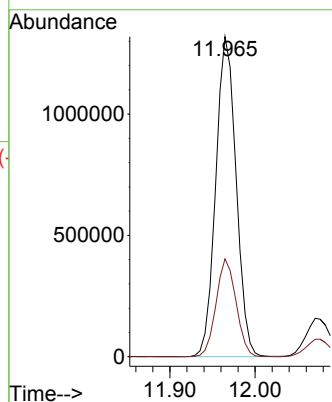
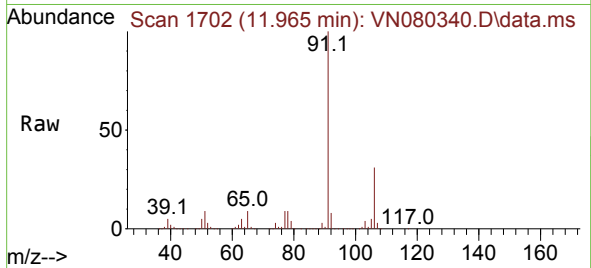




#67  
Ethyl Benzene  
Concen: 180.956 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

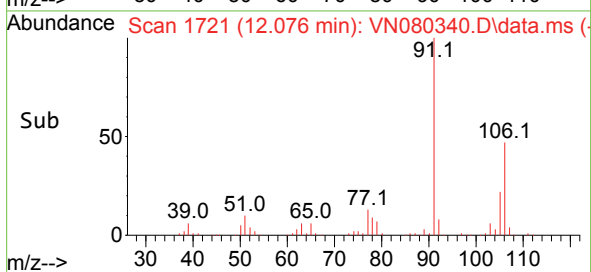
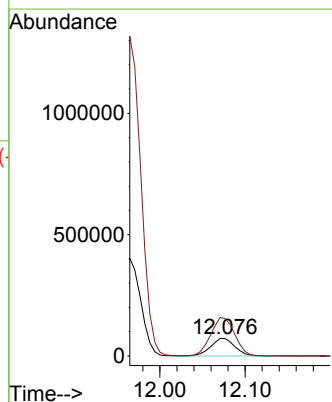
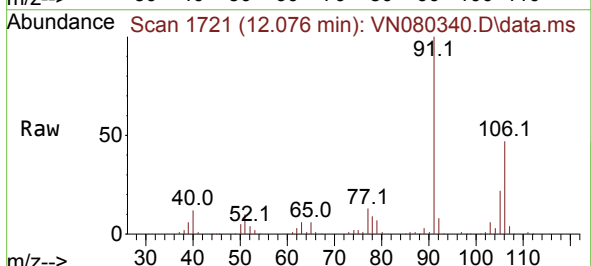
Instrument :  
MSVOA\_N  
ClientSampleId :

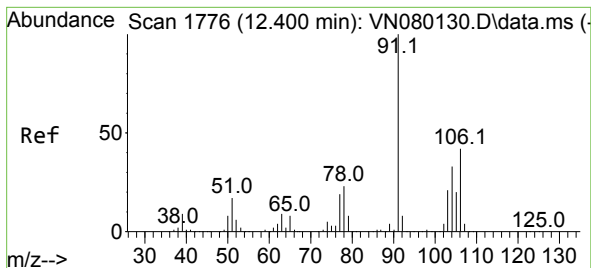
Tgt Ion: 91 Resp: 2187972  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.6 38.4



#68  
m/p-Xylenes  
Concen: 32.005 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Tgt Ion:106 Resp: 141095  
Ion Ratio Lower Upper  
106 100  
91 219.6 159.6 239.4

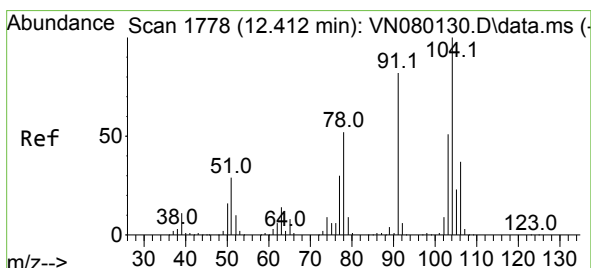
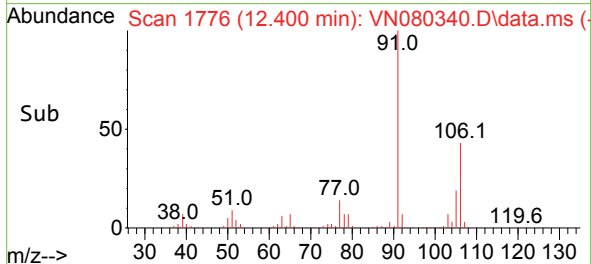
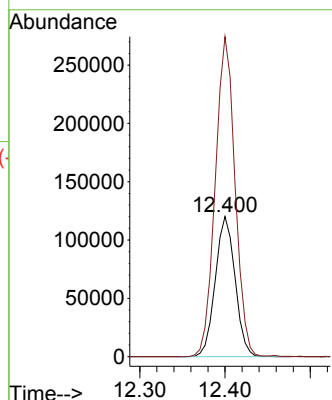
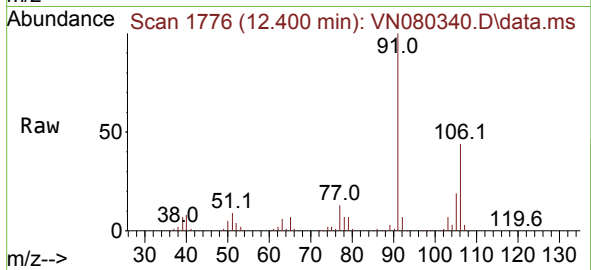




#69  
o-Xylene  
Concen: 46.604 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

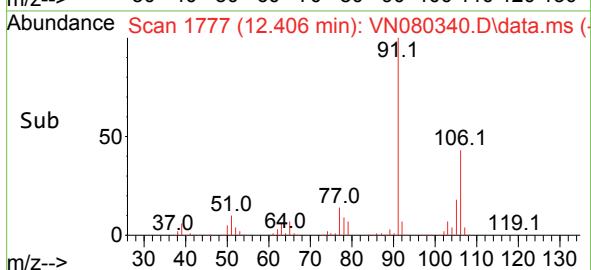
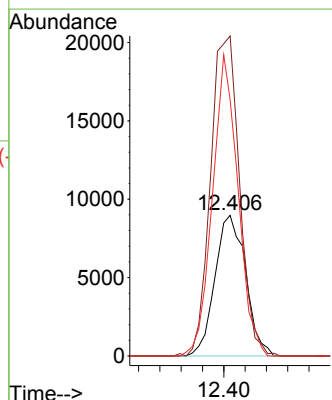
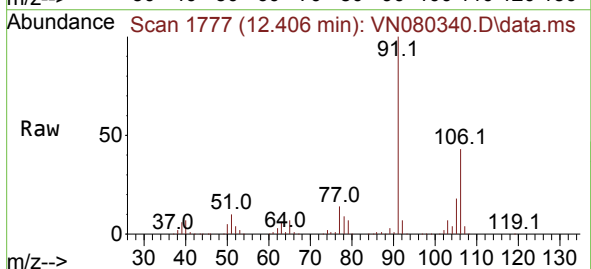
Instrument :  
MSVOA\_N  
ClientSampleId :

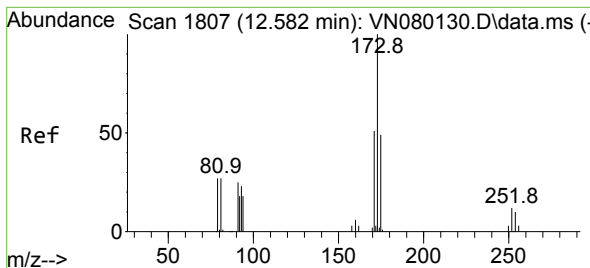
Tgt Ion:106 Resp: 193626  
Ion Ratio Lower Upper  
106 100  
91 228.9 105.2 315.5



#70  
Styrene  
Concen: 2.898 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Tgt Ion:104 Resp: 17920  
Ion Ratio Lower Upper  
104 100  
78 214.5 39.5 59.3#  
103 178.3 43.2 64.8#





#71

Bromoform

Concen: 0.445 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

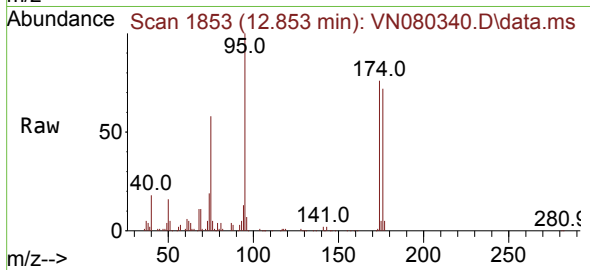
Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

Instrument :

MSVOA\_N

ClientSampleId :



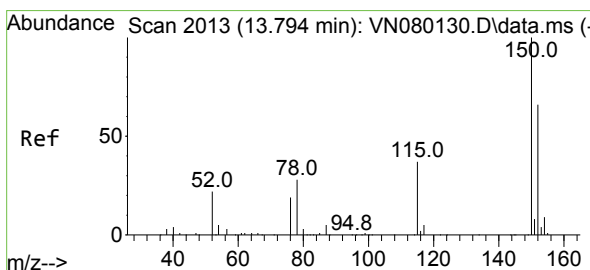
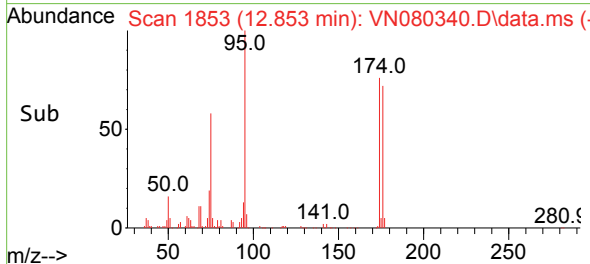
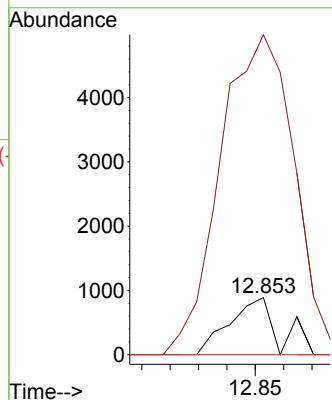
Tgt Ion:173 Resp: 870

Ion Ratio Lower Upper

173 100

175 868.6 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

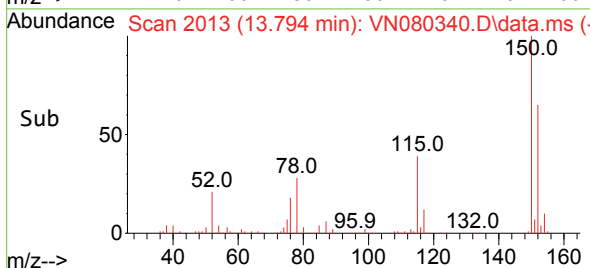
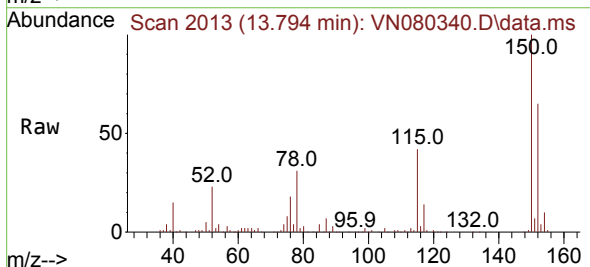
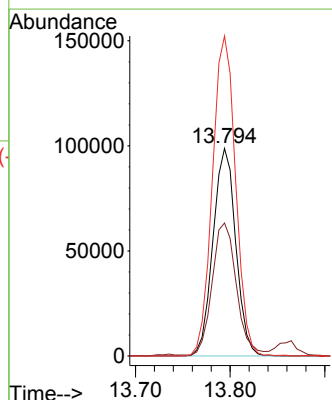
Tgt Ion:152 Resp: 164901

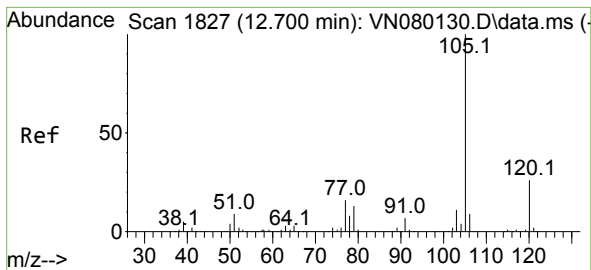
Ion Ratio Lower Upper

152 100

115 67.0 32.3 96.8

150 156.6 0.0 355.8





#73

Isopropylbenzene

Concen: 5.002 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

Instrument :

MSVOA\_N

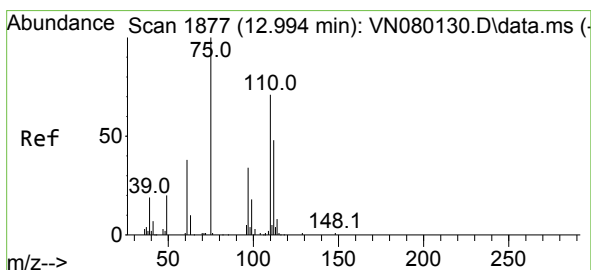
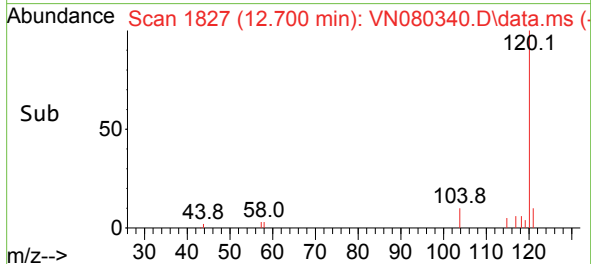
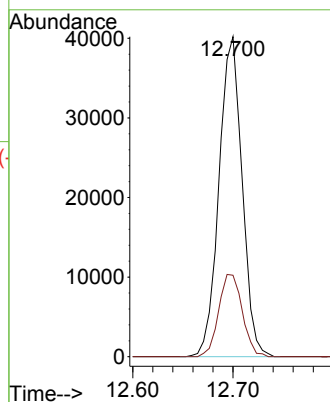
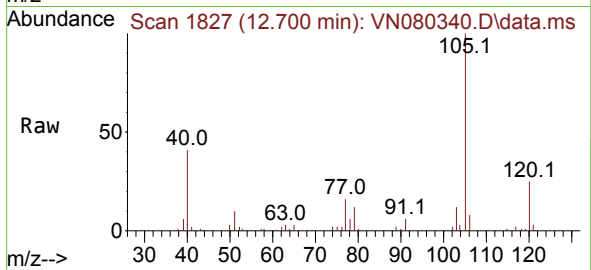
ClientSampleId :

Tgt Ion:105 Resp: 64092

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#76

1,2,3-Trichloropropane

Concen: 24.352 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080340.D

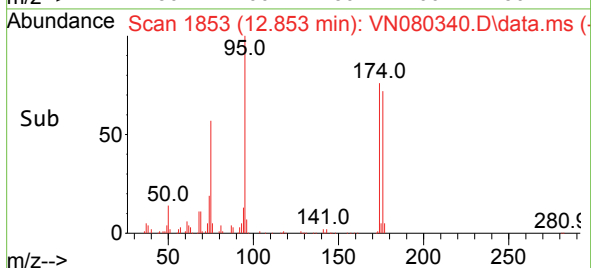
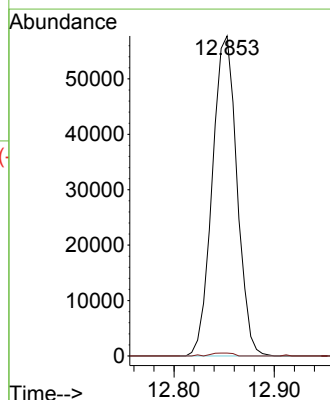
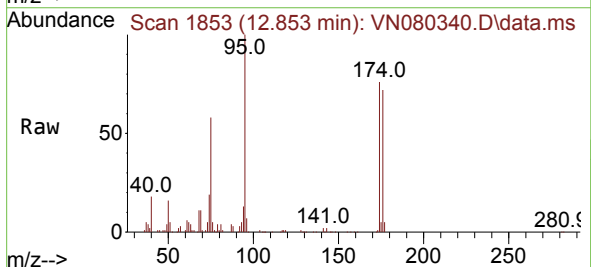
Acq: 04 Dec 2023 15:58

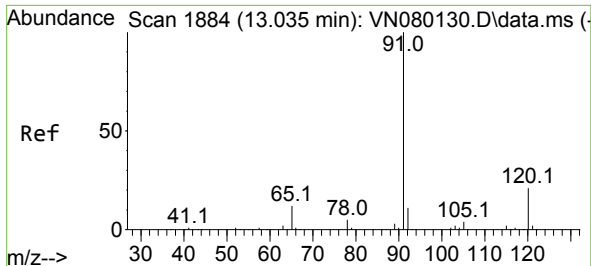
Tgt Ion: 75 Resp: 98390

Ion Ratio Lower Upper

75 100

77 0.9 84.5 253.5#

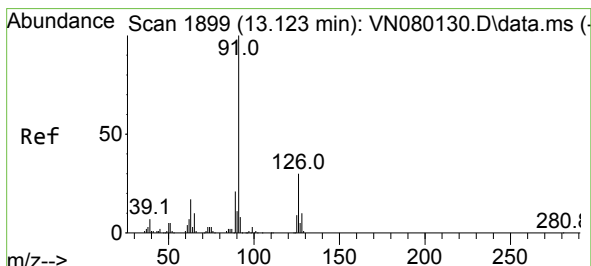
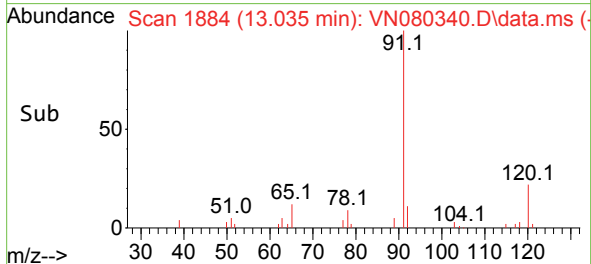
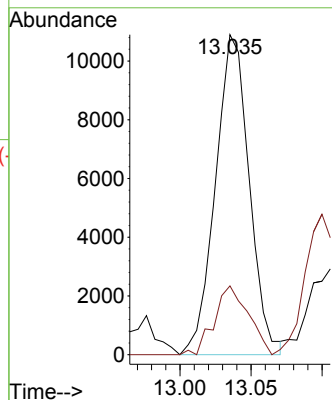
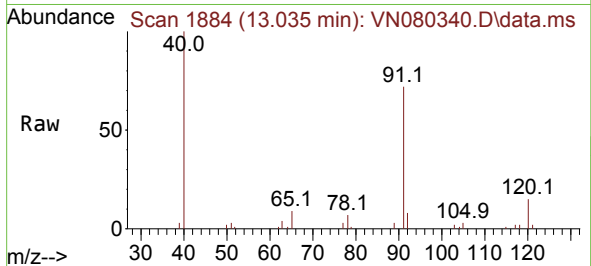




#78  
n-propylbenzene  
Concen: 1.258 ug/l  
RT: 13.035 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

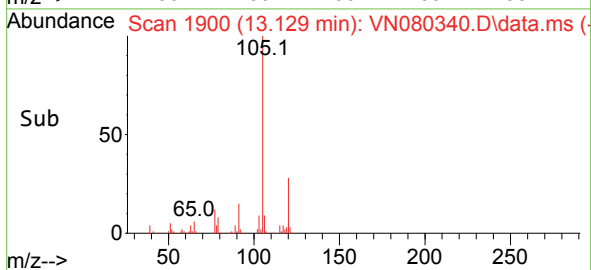
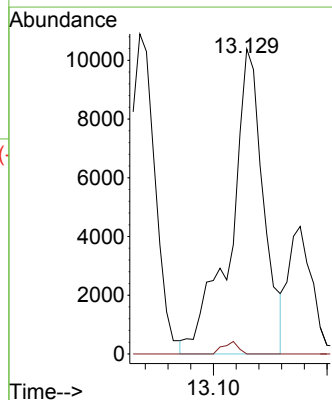
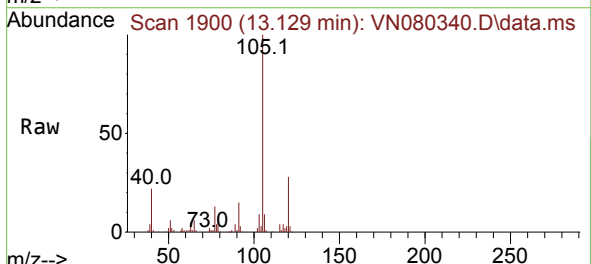
Instrument :  
MSVOA\_N  
ClientSampleId :

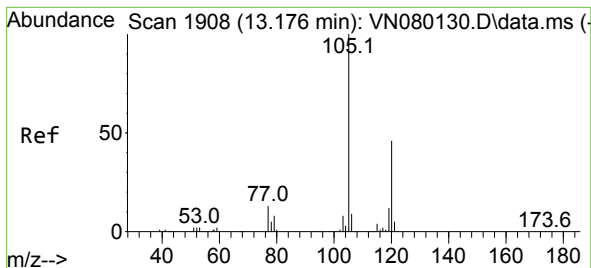
Tgt Ion: 91 Resp: 18032  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.5 34.4



#79  
2-Chlorotoluene  
Concen: 2.234 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.006 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

Tgt Ion: 91 Resp: 20790  
Ion Ratio Lower Upper  
91 100  
126 1.9 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 4.133 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

Instrument :

MSVOA\_N

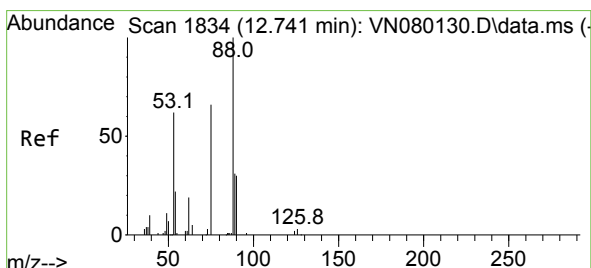
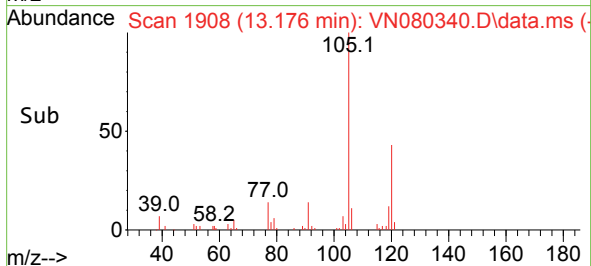
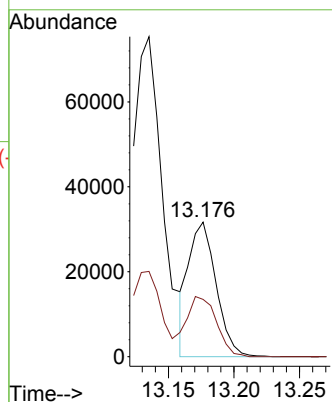
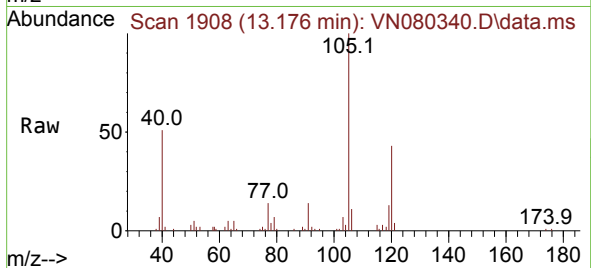
ClientSampleId :

Tgt Ion:105 Resp: 46102

Ion Ratio Lower Upper

105 100

120 50.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 82.275 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

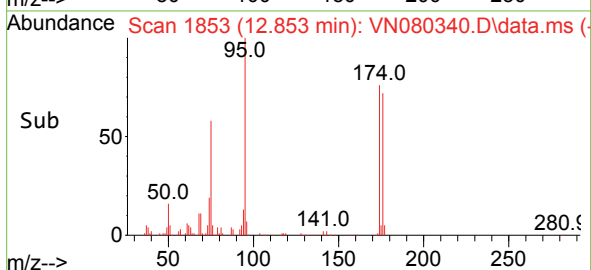
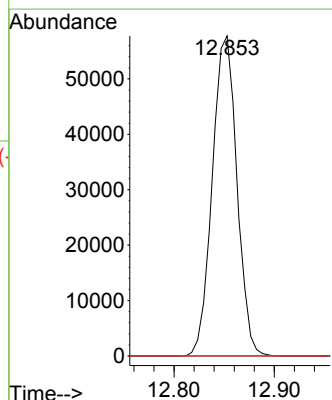
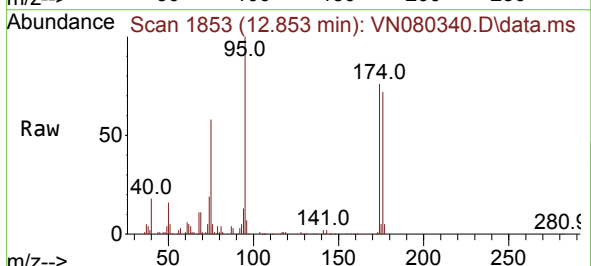
Tgt Ion: 75 Resp: 98390

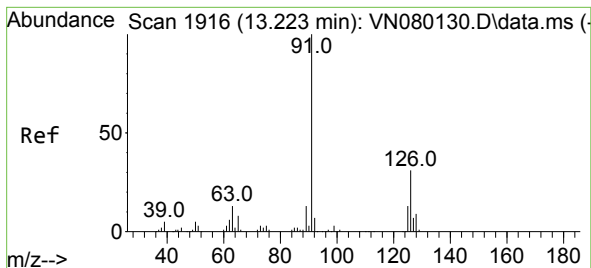
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 0.666 ug/l

RT: 13.176 min Scan# 1916

Delta R.T. -0.047 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

Instrument :

MSVOA\_N

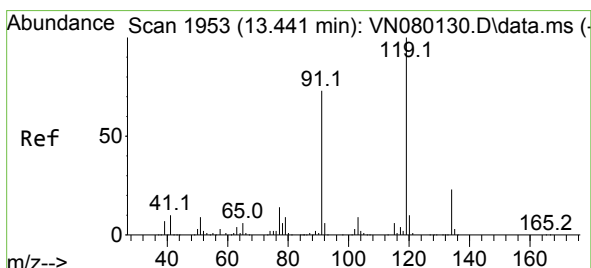
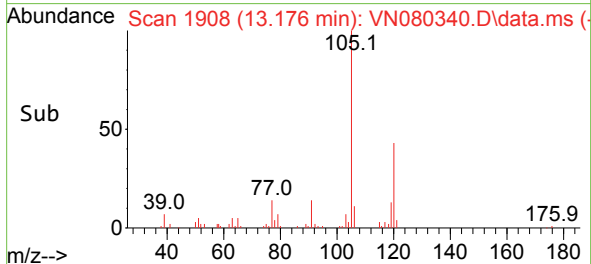
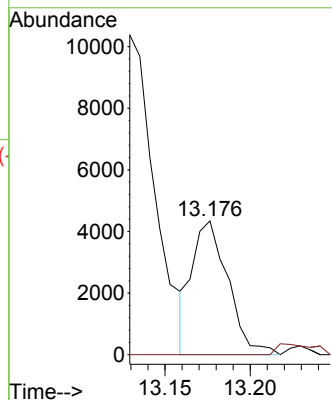
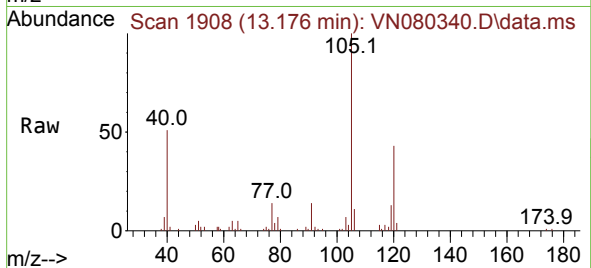
ClientSampleId :

Tgt Ion: 91 Resp: 6349

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#



#83

tert-Butylbenzene

Concen: 2.968 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

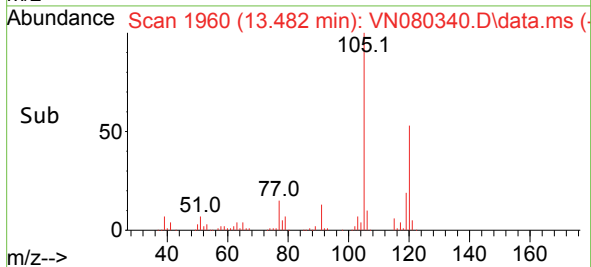
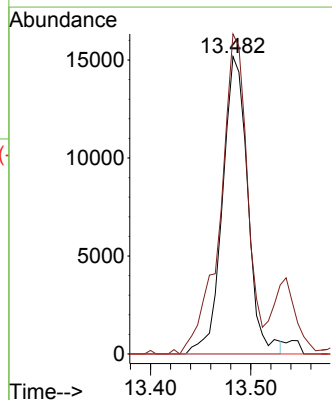
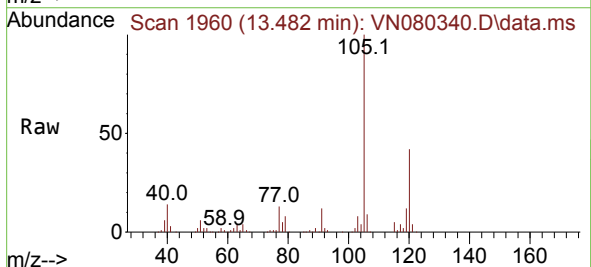
Tgt Ion: 119 Resp: 26549

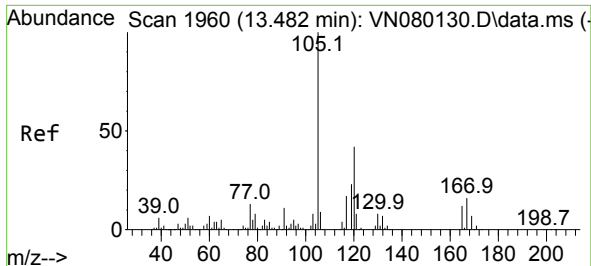
Ion Ratio Lower Upper

119 100

91 115.4 33.9 101.7#

134 0.0 13.2 39.6#

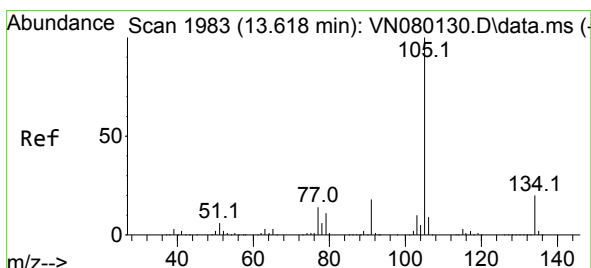
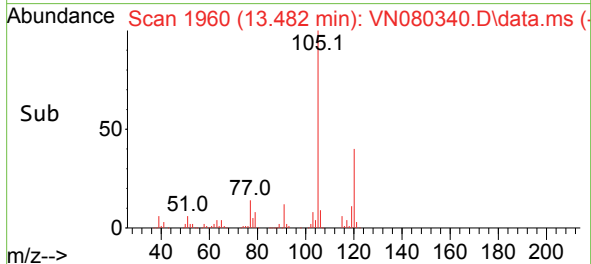
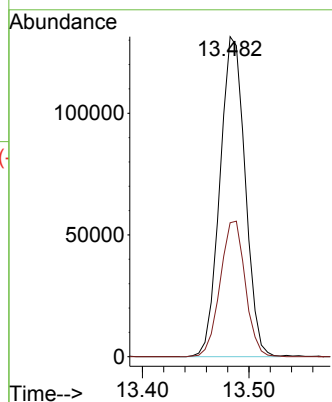
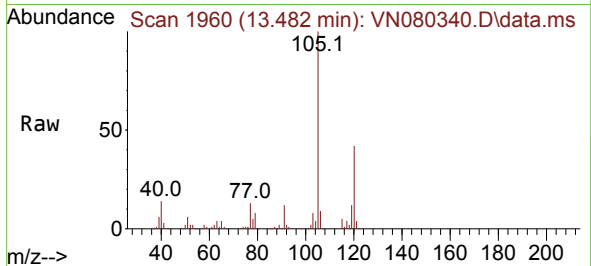




#84  
1,2,4-Trimethylbenzene  
Concen: 19.650 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

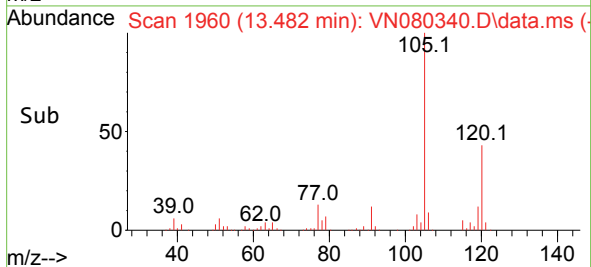
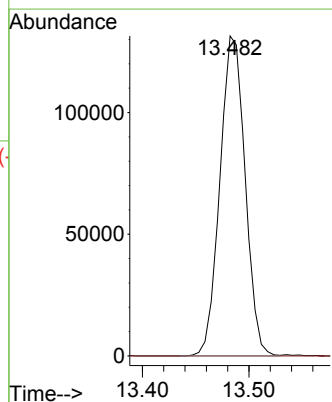
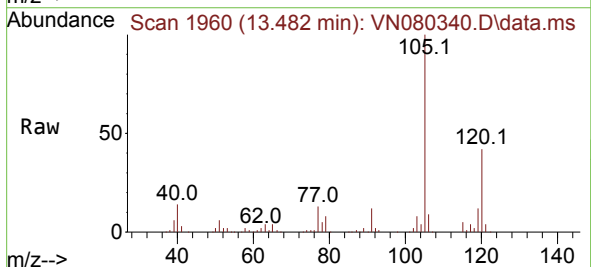
Instrument :  
MSVOA\_N  
ClientSampleId :

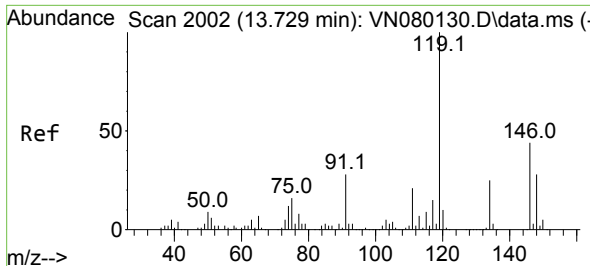
Tgt Ion:105 Resp: 215824  
Ion Ratio Lower Upper  
105 100  
120 42.2 22.0 66.0



#85  
sec-Butylbenzene  
Concen: 19.073 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.135 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

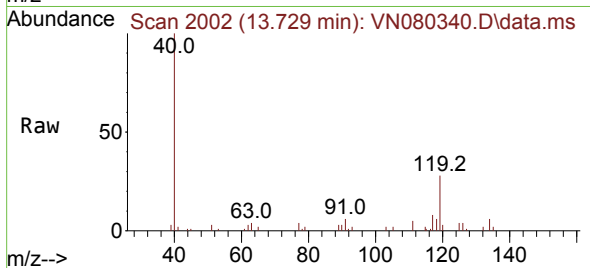
Tgt Ion:105 Resp: 215824  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.8 29.3#



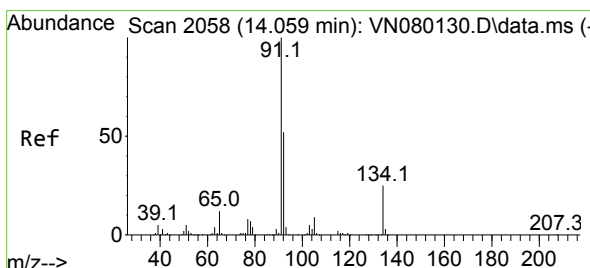
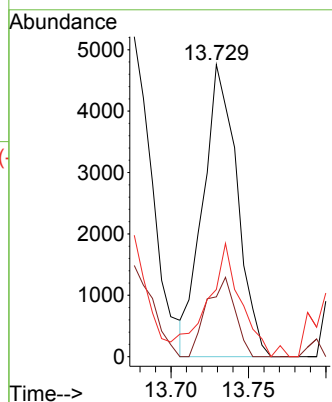
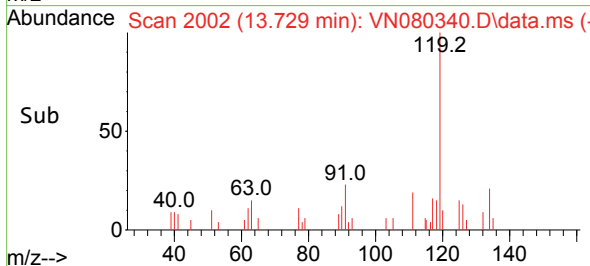


#86  
p-Isopropyltoluene  
Concen: 0.721 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58

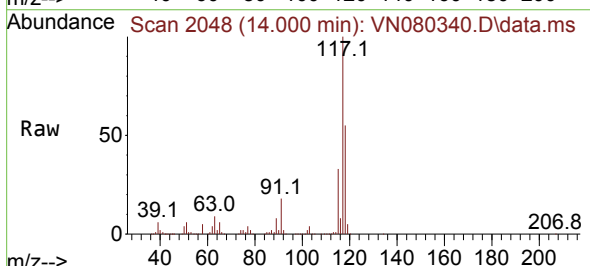
Instrument :  
MSVOA\_N  
ClientSampleId :



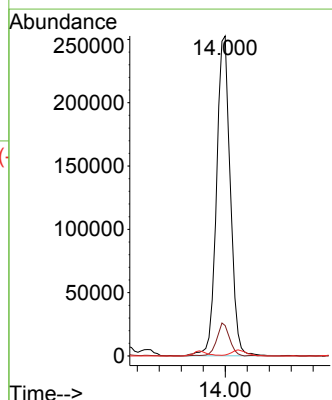
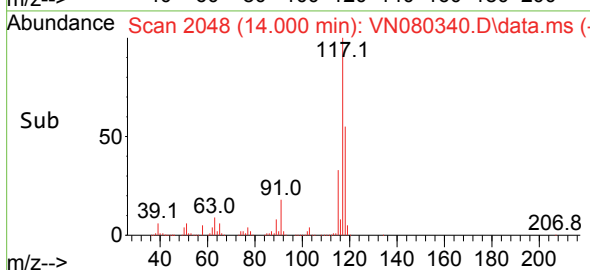
Tgt Ion:119 Resp: 7285  
Ion Ratio Lower Upper  
119 100  
134 22.6 12.6 37.8  
91 0.0 12.4 37.2#

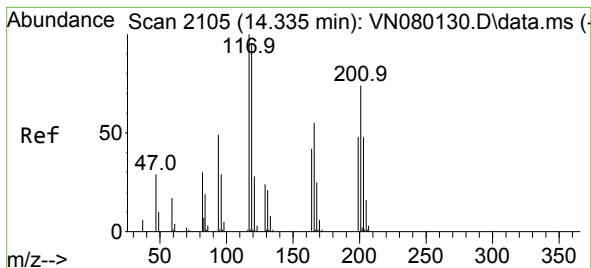


#89  
n-Butylbenzene  
Concen: 51.875 ug/l  
RT: 14.000 min Scan# 2048  
Delta R.T. -0.059 min  
Lab File: VN080340.D  
Acq: 04 Dec 2023 15:58



Tgt Ion: 91 Resp: 438900  
Ion Ratio Lower Upper  
91 100  
92 9.6 26.4 79.0#  
134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 2.549 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

Instrument :

MSVOA\_N

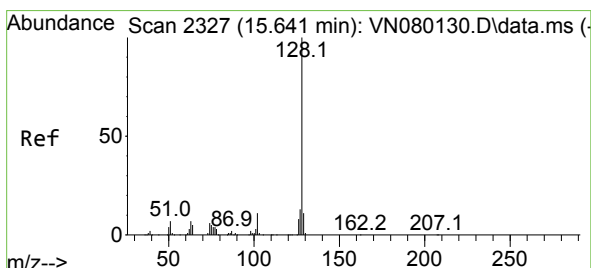
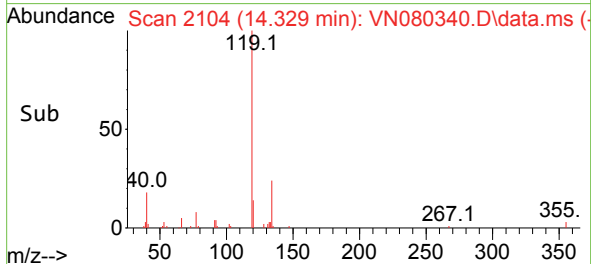
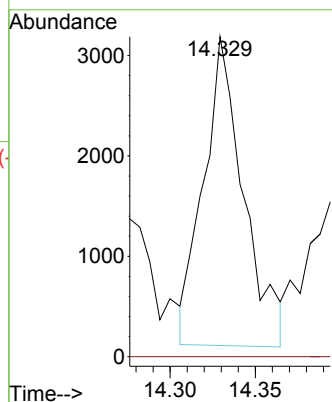
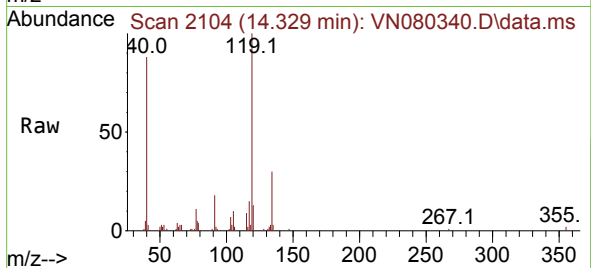
ClientSampleId :

Tgt Ion:117 Resp: 5024

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#95

Naphthalene

Concen: 954.178 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080340.D

Acq: 04 Dec 2023 15:58

Tgt Ion:128 Resp: 8963643

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.0 8.7 13.1

