

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052124\  
 Data File : VN082273.D  
 Acq On : 22 May 2024 05:09  
 Operator : JC\MD  
 Sample : P2494-13 40X  
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 13

Quant Time: May 22 07:41:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 05:21:06 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 208837   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 361433   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 338030   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 152692   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 161891   | 49.094   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 98.180%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 111523   | 50.159   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.320% |
| 50) Toluene-d8              | 10.571 | 98    | 451838   | 53.006   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 106.020% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 167917   | 55.191   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 110.380% |

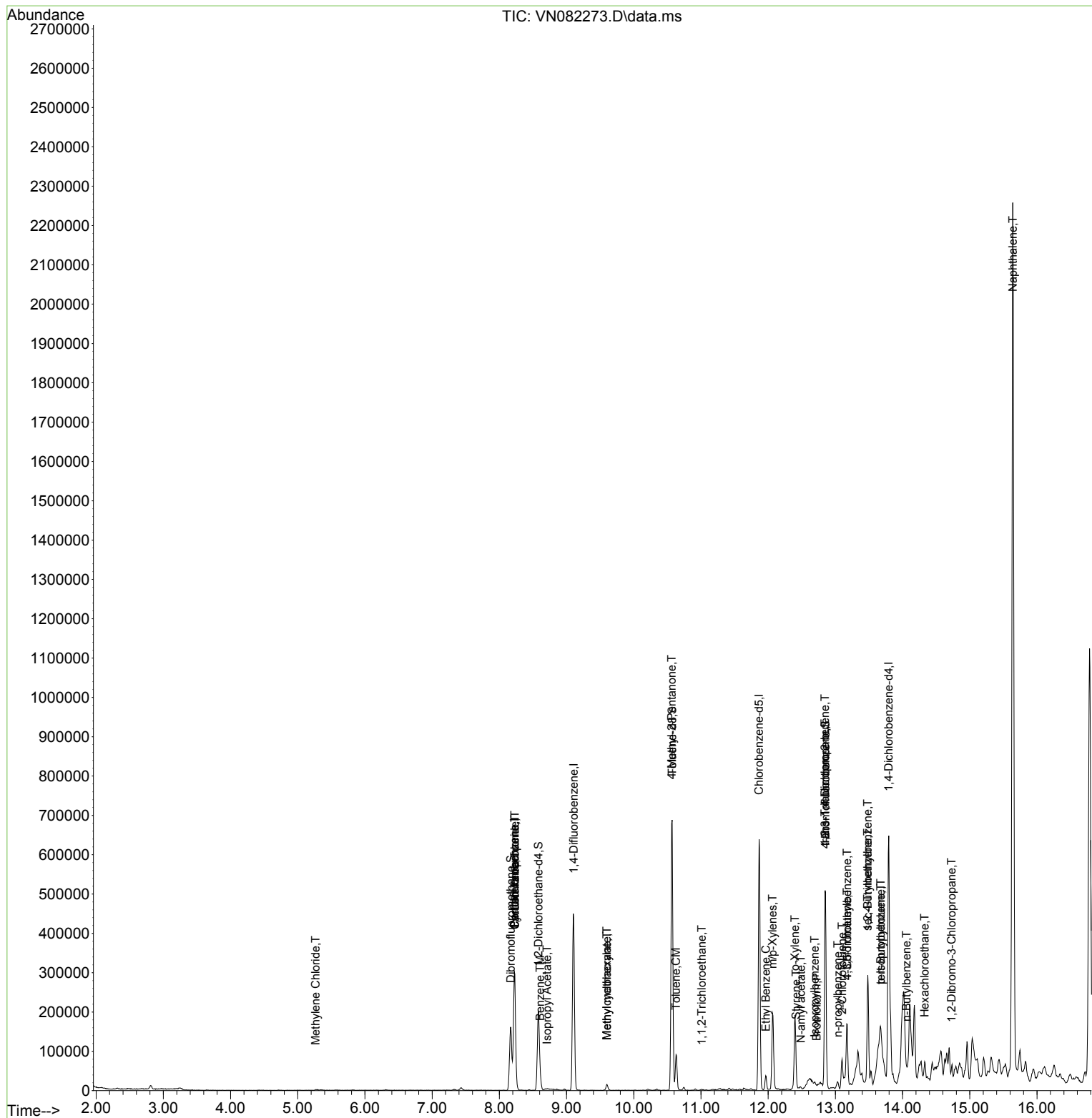
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|-------------------------------|--------|-----|---------|---------|--------|----|
| Target Compounds              |        |     |         | Qvalue  |        |    |
| 20) Methylene Chloride        | 5.265  | 84  | 942     | 0.345   | ug/l # | 80 |
| 31) Cyclohexane               | 8.229  | 56  | 8896    | 1.689   | ug/l # | 53 |
| 36) 1,1-Dichloropropene       | 8.229  | 75  | 19960   | 5.353   | ug/l # | 48 |
| 38) Carbon Tetrachloride      | 8.229  | 117 | 22730   | 6.013   | ug/l # | 15 |
| 39) Methylcyclohexane         | 9.600  | 83  | 5722    | 1.400   | ug/l   | 94 |
| 40) Benzene                   | 8.606  | 78  | 19235   | 1.730   | ug/l   | 96 |
| 43) Isopropyl Acetate         | 8.712  | 43  | 4475    | 0.605   | ug/l # | 52 |
| 48) Methyl methacrylate       | 9.600  | 41  | 3943    | 1.119   | ug/l # | 51 |
| 51) 4-Methyl-2-Pentanone      | 10.565 | 43  | 2812    | 0.669   | ug/l # | 1  |
| 52) Toluene                   | 10.629 | 92  | 36030   | 5.399   | ug/l   | 96 |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97  | 802     | 0.331   | ug/l # | 14 |
| 67) Ethyl Benzene             | 11.965 | 91  | 24525   | 1.836   | ug/l   | 94 |
| 68) m/p-Xylenes               | 12.065 | 106 | 53943   | 11.018  | ug/l   | 91 |
| 69) o-Xylene                  | 12.400 | 106 | 46391   | 9.782   | ug/l   | 91 |
| 70) Styrene                   | 12.417 | 104 | 10620   | 1.348   | ug/l # | 17 |
| 71) Bromoform                 | 12.723 | 173 | 111     | 0.757   | ug/l # | 28 |
| 73) Isopropylbenzene          | 12.694 | 105 | 6197    | 0.511   | ug/l   | 88 |
| 74) N-amyl acetate            | 12.488 | 43  | 1545    | 0.232   | ug/l # | 47 |
| 76) 1,2,3-Trichloropropane    | 12.847 | 75  | 98421   | 30.624  | ug/l # | 1  |
| 78) n-propylbenzene           | 13.035 | 91  | 12025   | 0.837   | ug/l   | 97 |
| 79) 2-Chlorotoluene           | 13.100 | 91  | 6418    | 0.712   | ug/l # | 40 |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105 | 75370   | 7.684   | ug/l   | 97 |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75  | 98421   | 71.629  | ug/l # | 13 |
| 82) 4-Chlorotoluene           | 13.176 | 91  | 8757    | 0.993   | ug/l # | 40 |
| 83) tert-Butylbenzene         | 13.676 | 119 | 6757    | 0.787   | ug/l   | 67 |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105 | 150796  | 15.027  | ug/l   | 99 |
| 85) sec-Butylbenzene          | 13.482 | 105 | 150796  | 12.678  | ug/l # | 56 |
| 86) p-Isopropyltoluene        | 13.676 | 119 | 6757    | 0.699   | ug/l   | 81 |
| 89) n-Butylbenzene            | 14.059 | 91  | 3355    | 0.386   | ug/l # | 52 |
| 90) Hexachloroethane          | 14.329 | 117 | 2739    | 1.529   | ug/l # | 17 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.729 | 75  | 254     | 0.354   | ug/l # | 2  |
| 95) Naphthalene               | 15.641 | 128 | 1926966 | 221.272 | ug/l   | 99 |

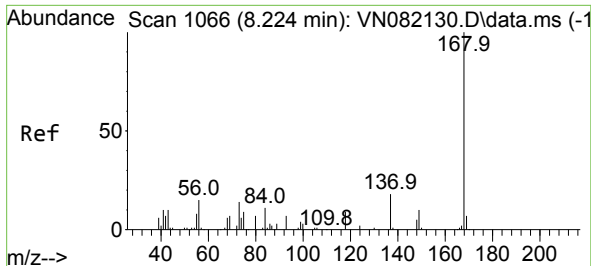
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052124\  
Data File : VN082273.D  
Acq On : 22 May 2024 05:09  
Operator : JC\MD  
Sample : P2494-13 40X  
Misc : 5.05g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
13

Quant Time: May 22 07:41:05 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 16 05:21:06 2024  
Response via : Initial Calibration

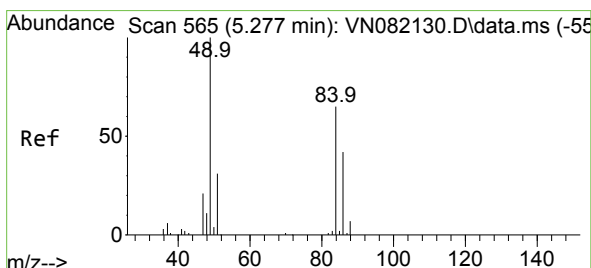
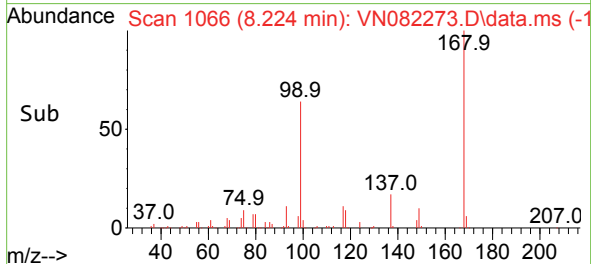
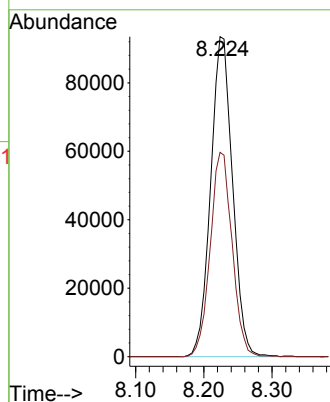
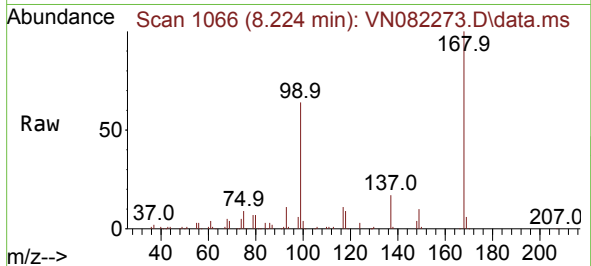




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

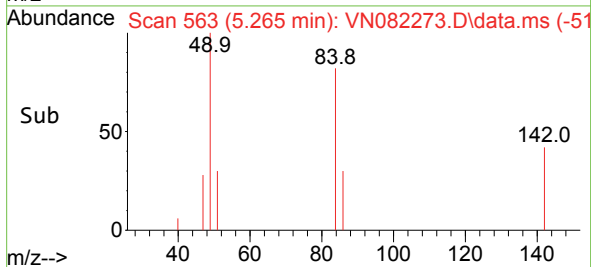
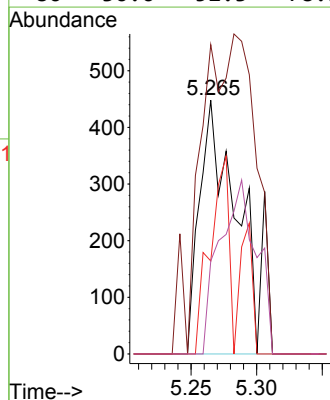
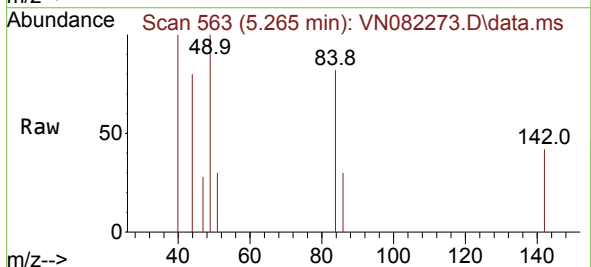
Instrument :  
MSVOA\_N  
ClientSampleId :  
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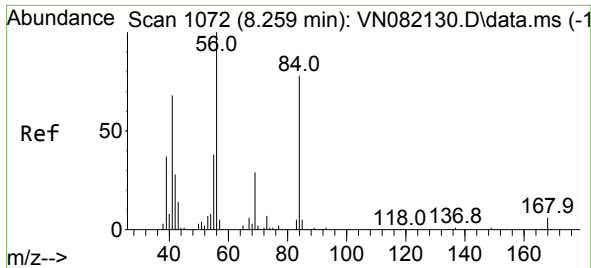
Tgt Ion:168 Resp: 208837  
Ion Ratio Lower Upper  
168 100  
99 63.9 48.2 72.4



#20  
Methylene Chloride  
Concen: 0.345 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. -0.012 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

Tgt Ion: 84 Resp: 942  
Ion Ratio Lower Upper  
84 100  
49 121.9 84.9 127.3  
51 36.6 27.0 40.6  
86 36.6 52.3 78.5#

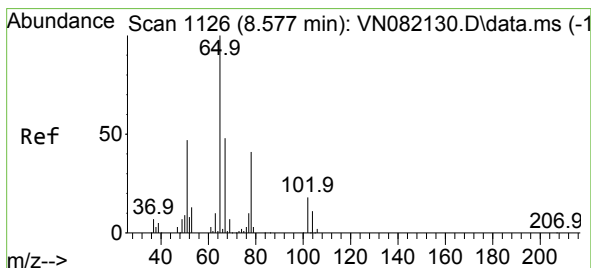
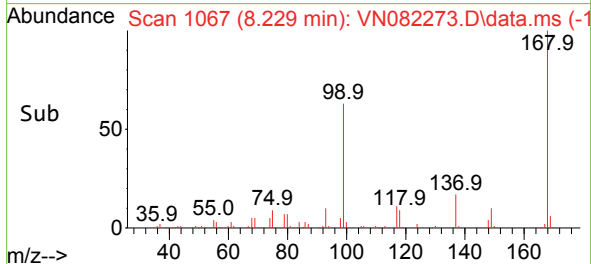
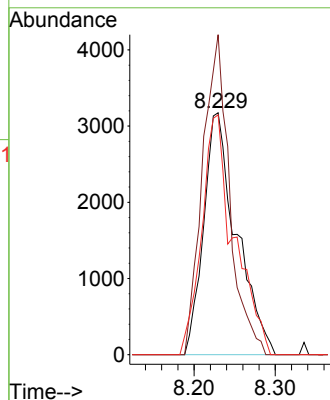
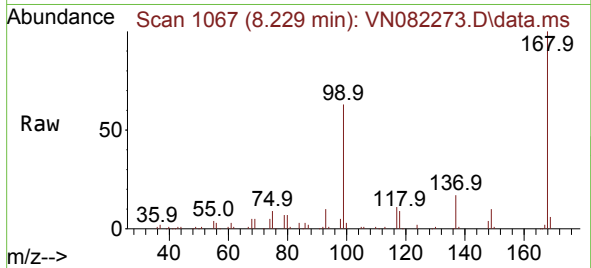




#31  
Cyclohexane  
Concen: 1.689 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. -0.030 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

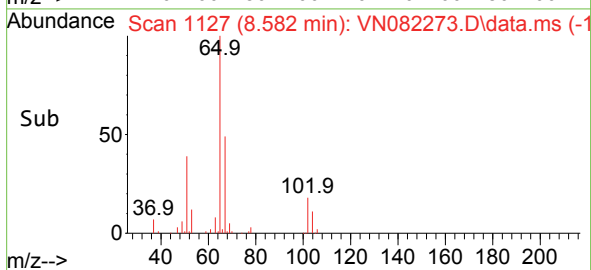
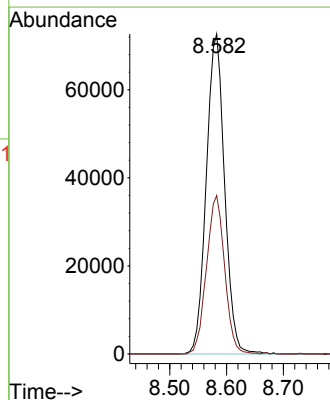
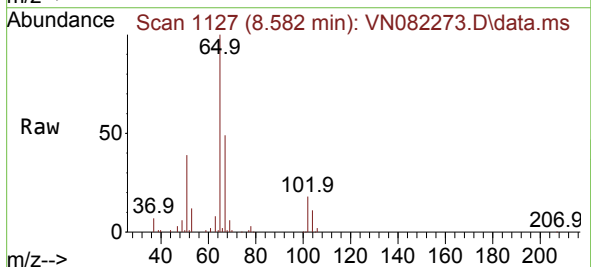
Instrument :  
MSVOA\_N  
ClientSampleId :  
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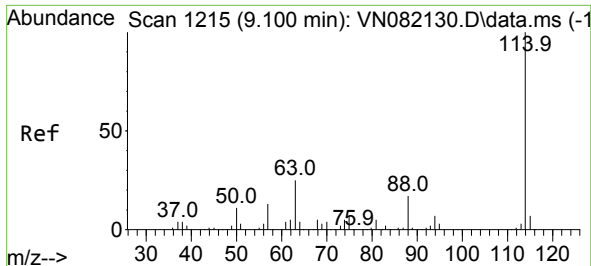
Tgt Ion: 56 Resp: 8896  
Ion Ratio Lower Upper  
56 100  
69 132.3 24.4 36.6#  
84 99.2 77.0 115.4



#33  
1,2-Dichloroethane-d4  
Concen: 49.094 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

Tgt Ion: 65 Resp: 161891  
Ion Ratio Lower Upper  
65 100  
67 49.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

Instrument :

MSVOA\_N

ClientSampleId :

13

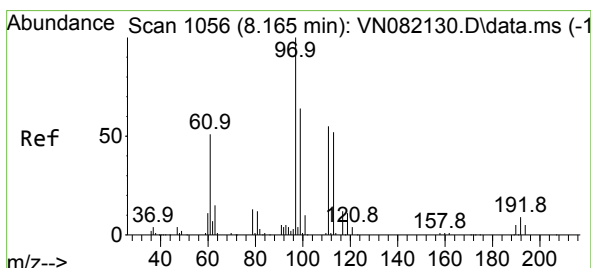
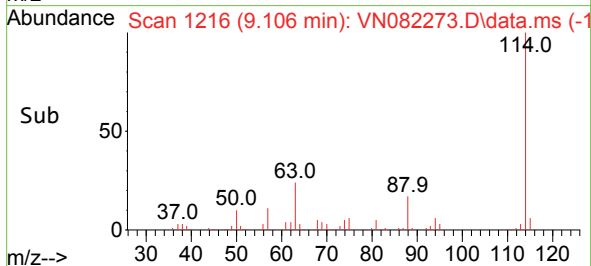
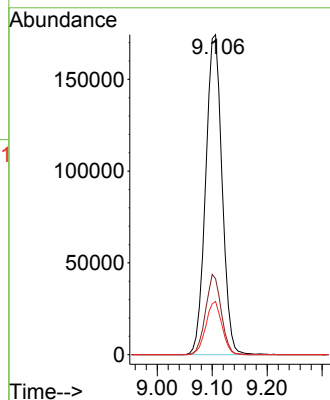
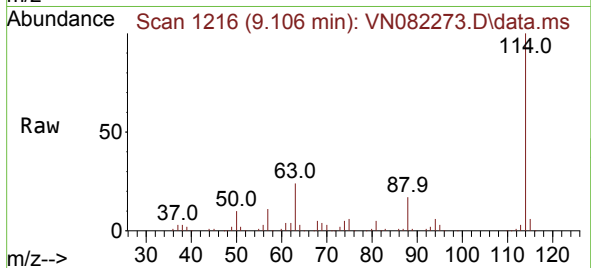
Tgt Ion:114 Resp: 361433

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.159 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

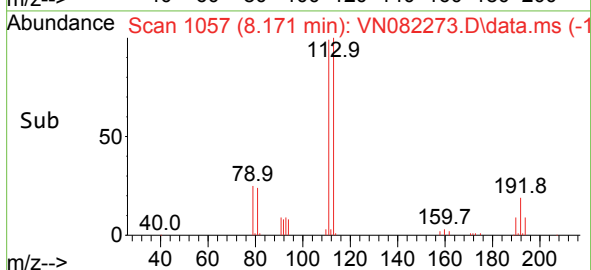
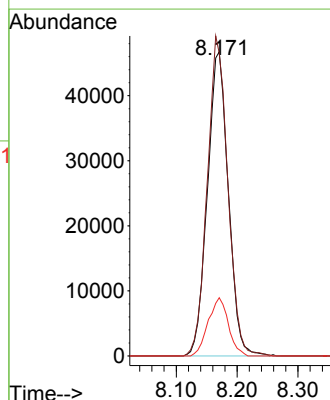
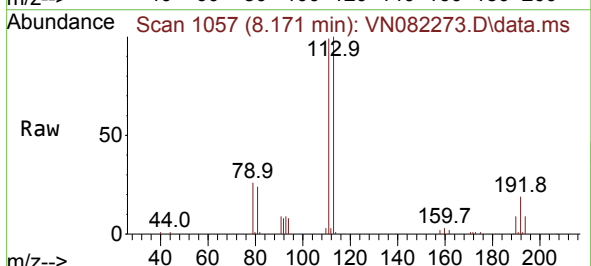
Tgt Ion:113 Resp: 111523

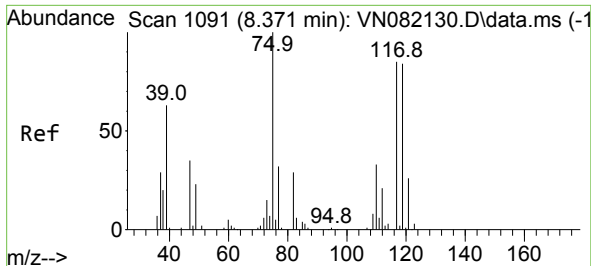
Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 18.5 14.0 21.0

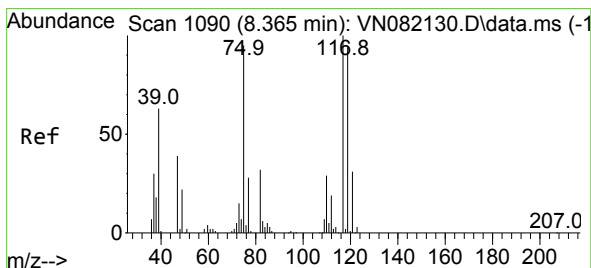
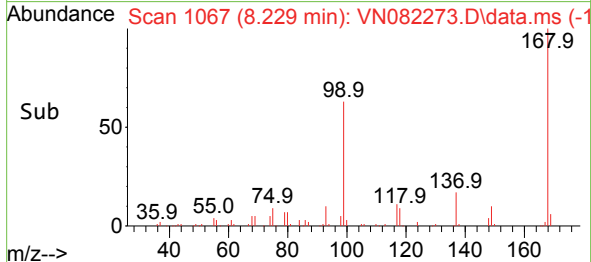
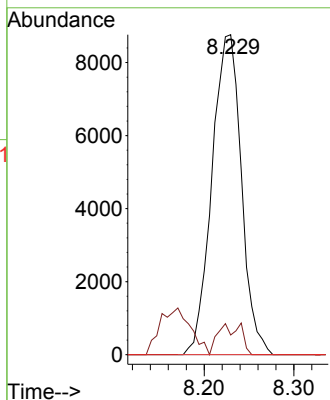
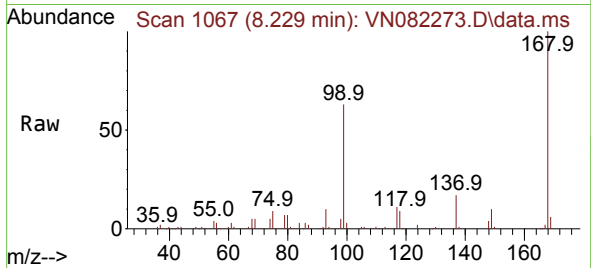




#36  
 1,1-Dichloropropene  
 Concen: 5.353 ug/l  
 RT: 8.229 min Scan# 1067  
 Delta R.T. -0.141 min  
 Lab File: VN082273.D  
 Acq: 22 May 2024 05:09

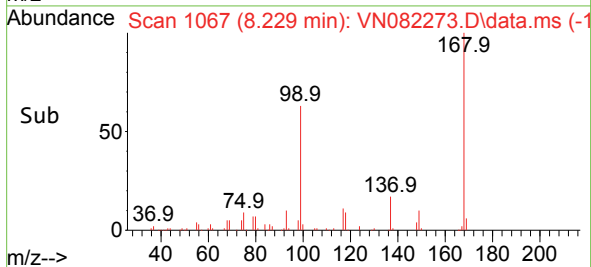
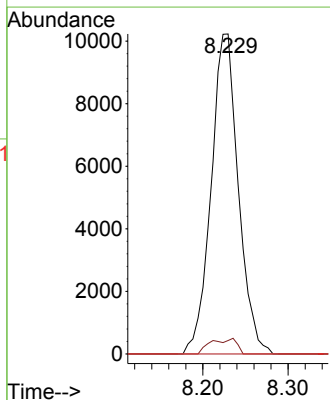
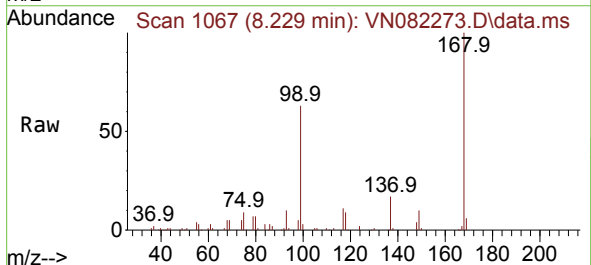
Instrument :  
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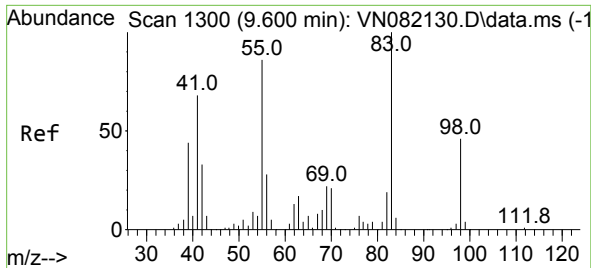
Tgt Ion: 75 Resp: 19960  
 Ion Ratio Lower Upper  
 75 100  
 110 7.5 17.8 53.5#  
 77 0.0 25.0 37.4#



#38  
 Carbon Tetrachloride  
 Concen: 6.013 ug/l  
 RT: 8.229 min Scan# 1067  
 Delta R.T. -0.135 min  
 Lab File: VN082273.D  
 Acq: 22 May 2024 05:09

Tgt Ion: 117 Resp: 22730  
 Ion Ratio Lower Upper  
 117 100  
 119 4.2 76.5 114.7#  
 121 0.0 23.9 35.9#

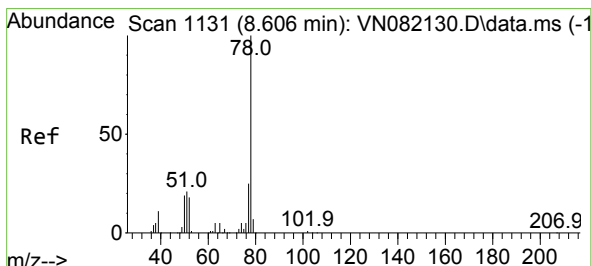
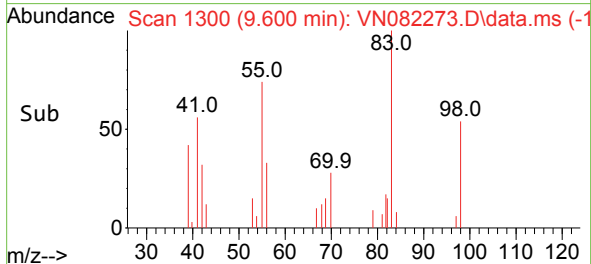
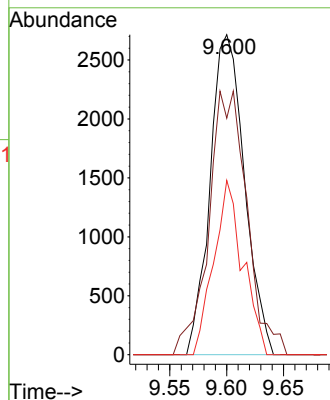
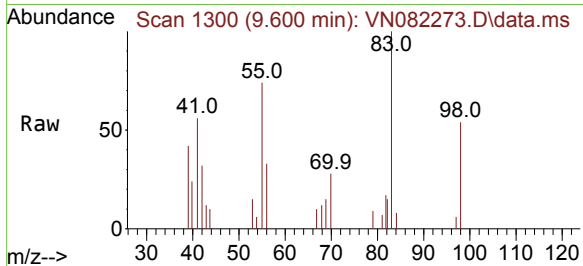




#39  
Methylcyclohexane  
Concen: 1.400 ug/l  
RT: 9.600 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

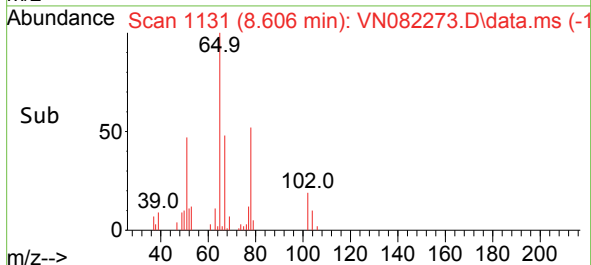
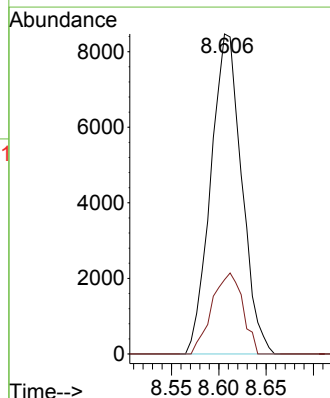
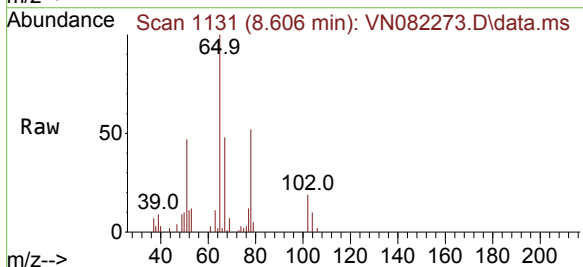
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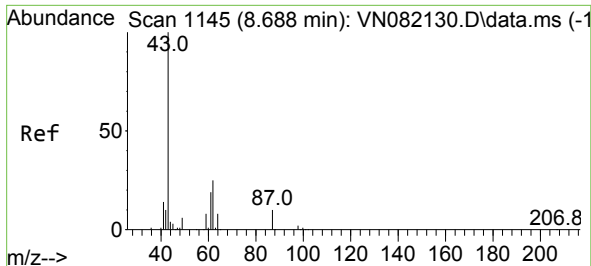
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|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 5722  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 67.9  | 53.0  | 79.6  |
| 98       | 54.5  | 37.1  | 55.7  |



#40  
Benzene  
Concen: 1.730 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 19235 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 23.2  | 20.0  | 30.0  |

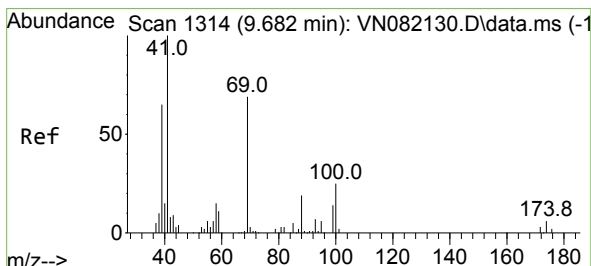
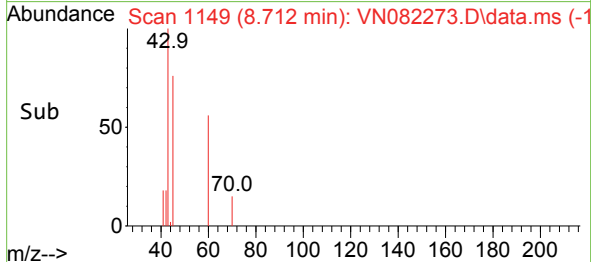
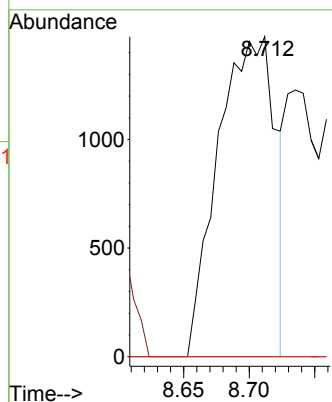
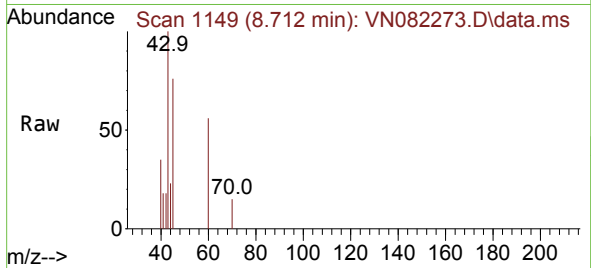




#43  
Isopropyl Acetate  
Concen: 0.605 ug/l  
RT: 8.712 min Scan# 1149  
Delta R.T. 0.023 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

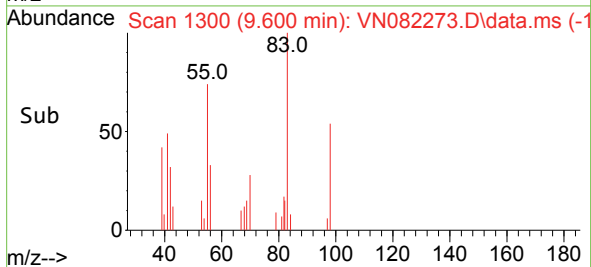
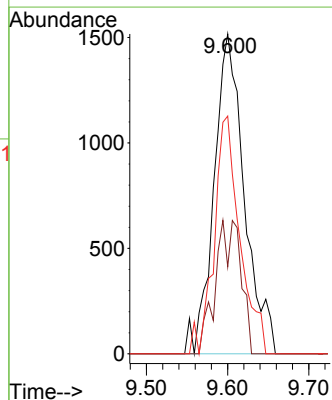
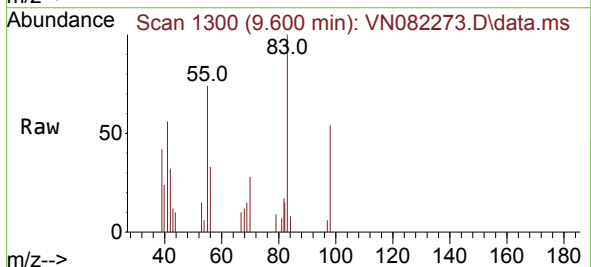
Instrument :  
MSVOA\_N  
ClientSampleId :  
13

Tgt Ion: 43 Resp: 4475  
Ion Ratio Lower Upper  
43 100  
61 0.0 22.8 34.2#  
87 0.0 12.0 18.0#

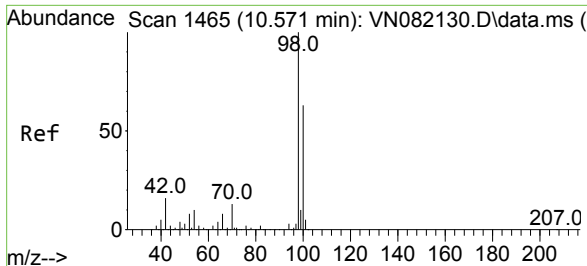


#48  
Methyl methacrylate  
Concen: 1.119 ug/l  
RT: 9.600 min Scan# 1300  
Delta R.T. -0.082 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

Tgt Ion: 41 Resp: 3943  
Ion Ratio Lower Upper  
41 100  
69 18.8 77.9 116.9#  
39 62.7 50.9 76.3



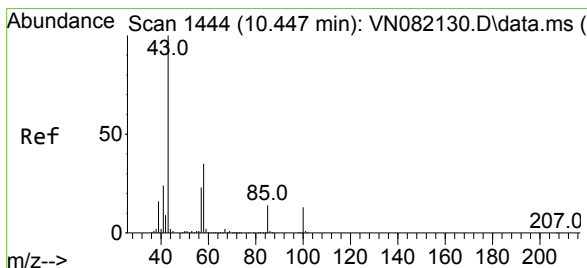
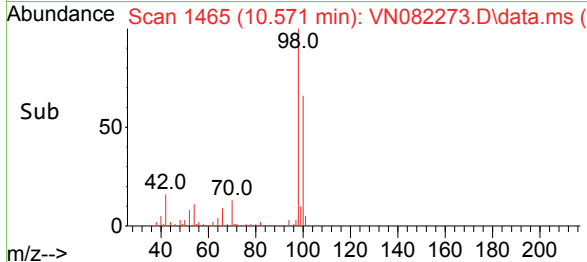
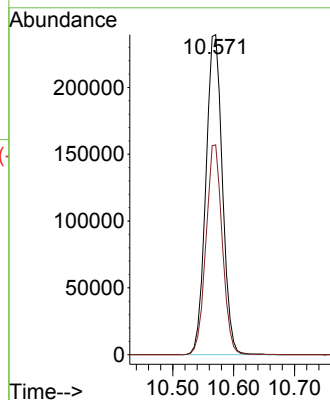
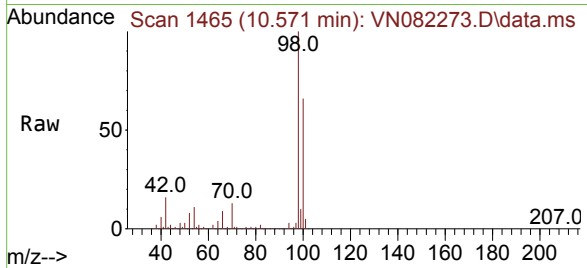




#50  
Toluene-d8  
Concen: 53.006 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

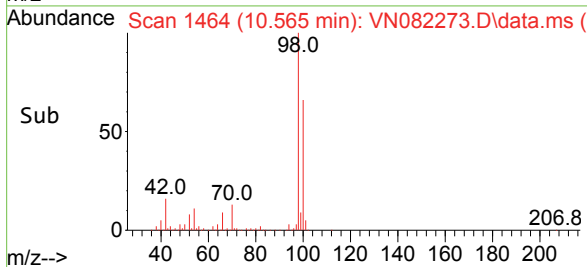
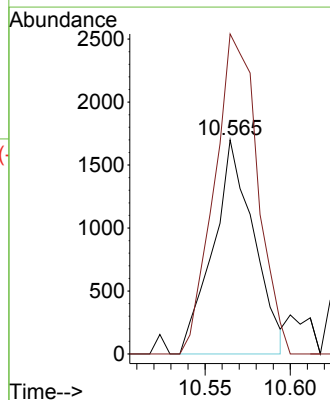
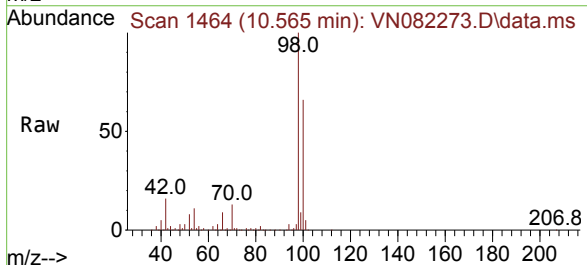
Instrument :  
MSVOA\_N  
ClientSampleId :  
13

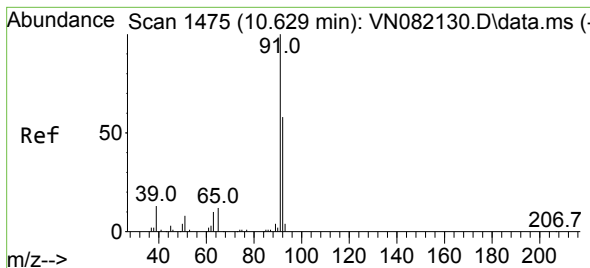
Tgt Ion: 98 Resp: 451838  
Ion Ratio Lower Upper  
98 100  
100 64.7 51.8 77.6



#51  
4-Methyl-2-Pentanone  
Concen: 0.669 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.118 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

Tgt Ion: 43 Resp: 2812  
Ion Ratio Lower Upper  
43 100  
58 159.9 33.2 49.8#





#52

Toluene

Concen: 5.399 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

Instrument :

MSVOA\_N

ClientSampleId :

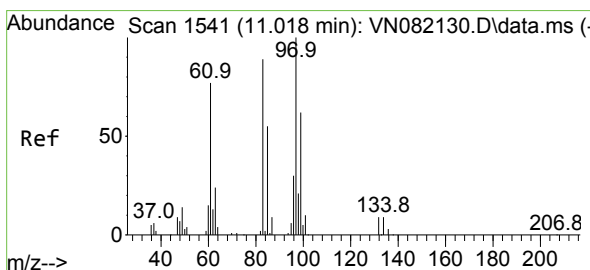
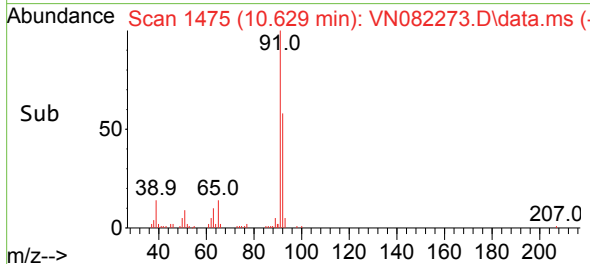
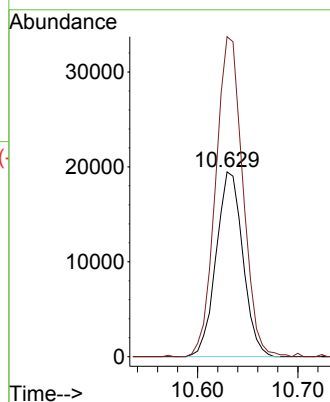
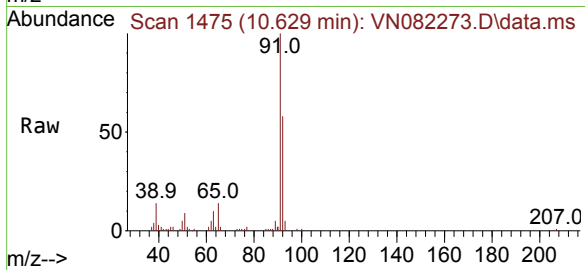
13

Tgt Ion: 92 Resp: 36030

Ion Ratio Lower Upper

92 100

91 176.3 136.7 205.1



#55

1,1,2-Trichloroethane

Concen: 0.331 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

Tgt Ion: 97 Resp: 802

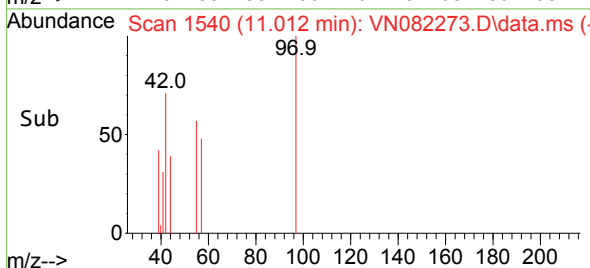
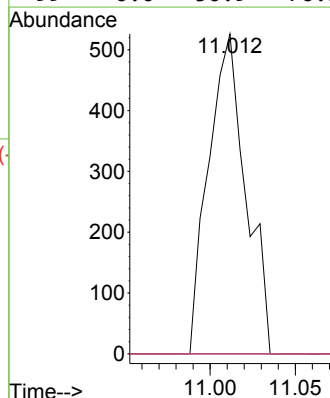
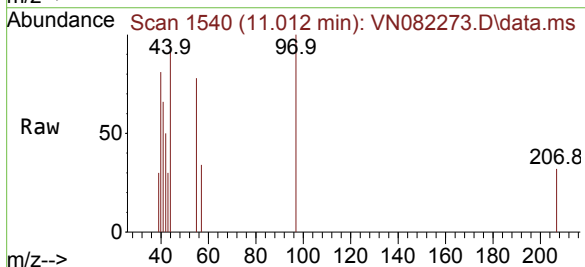
Ion Ratio Lower Upper

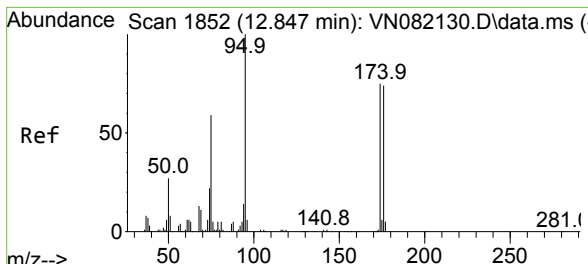
97 100

83 0.0 70.4 105.6#

85 0.0 45.6 68.4#

99 0.0 50.9 76.3#

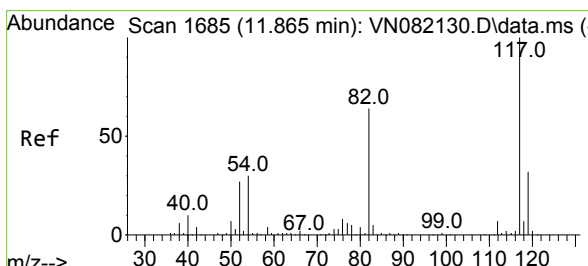
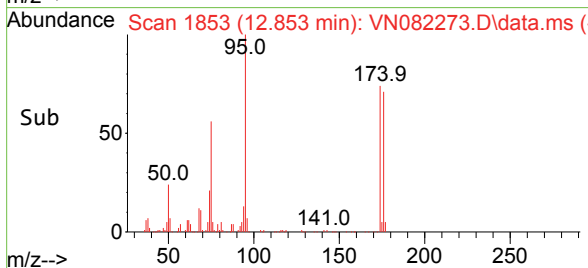
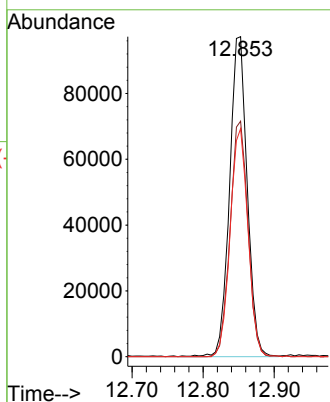
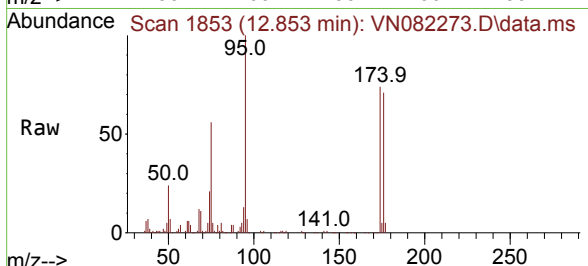




#62  
4-Bromofluorobenzene  
Concen: 55.191 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

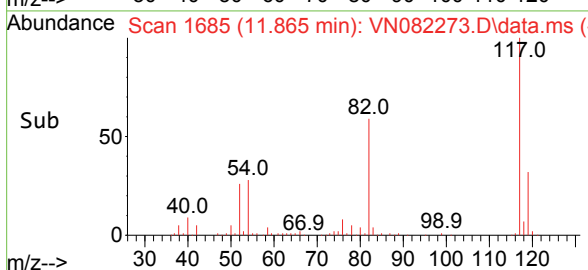
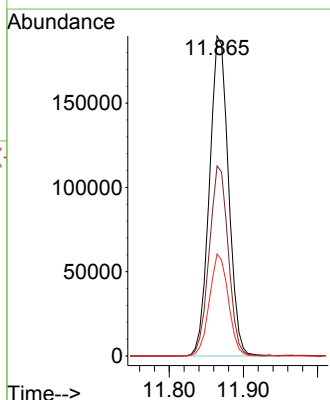
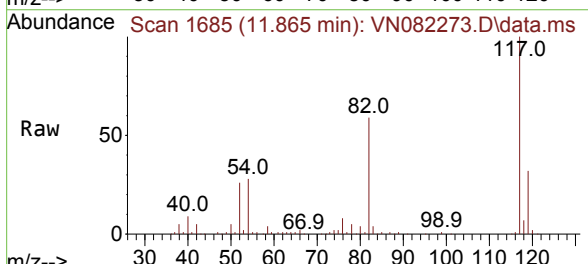
Instrument :  
MSVOA\_N  
ClientSampleId :  
13

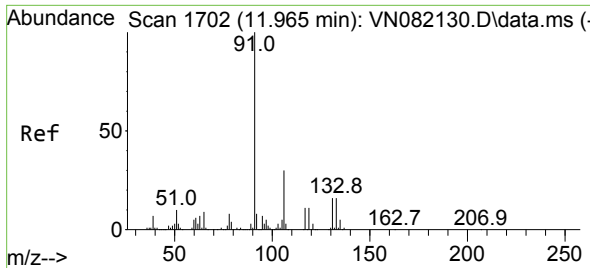
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 167917 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 74.4  | 0.0   | 160.6  |
| 176      | 71.8  | 0.0   | 152.8  |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 338030 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 59.4  | 44.6  | 66.8   |
| 119      | 31.9  | 25.9  | 38.9   |

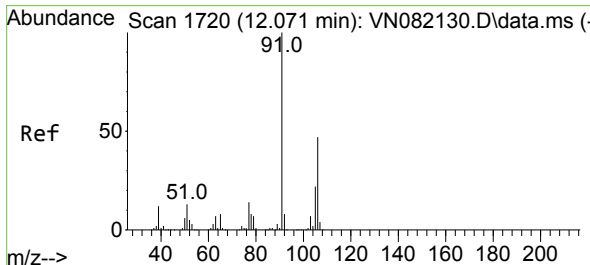
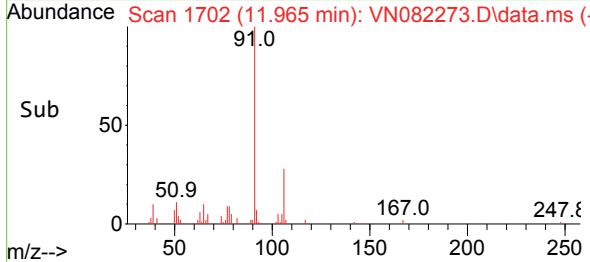
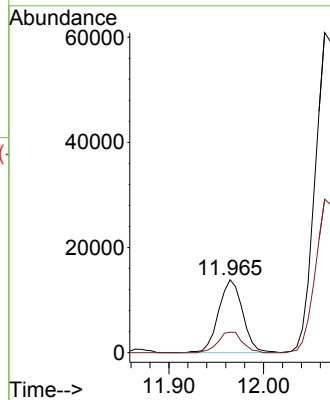
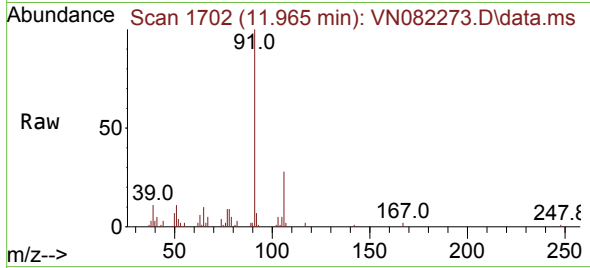




#67  
Ethyl Benzene  
Concen: 1.836 ug/l  
RT: 11.965 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

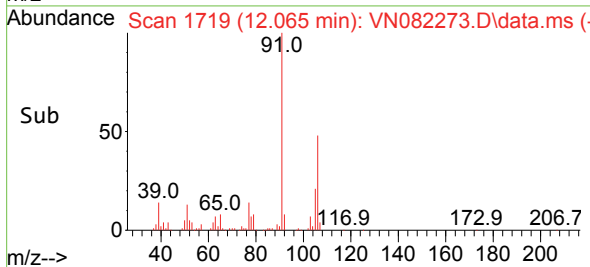
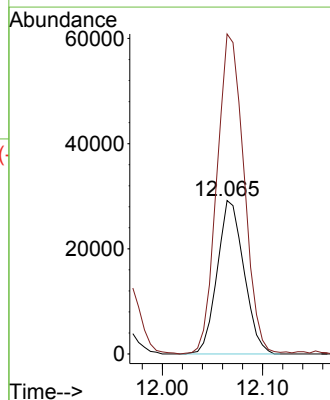
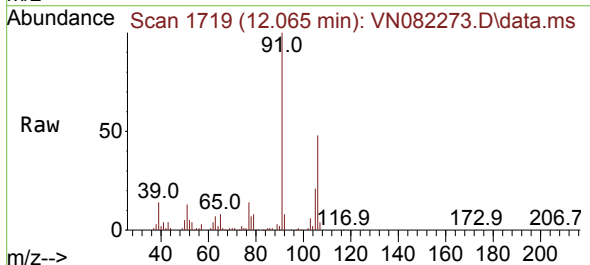
Instrument :  
MSVOA\_N  
ClientSampleId :  
13

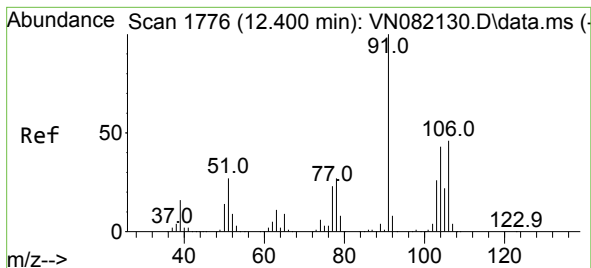
Tgt Ion: 91 Resp: 24525  
Ion Ratio Lower Upper  
91 100  
106 28.2 25.3 37.9



#68  
m/p-Xylenes  
Concen: 11.018 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

Tgt Ion:106 Resp: 53943  
Ion Ratio Lower Upper  
106 100  
91 212.1 159.4 239.0





#69

o-Xylene

Concen: 9.782 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

Instrument :

MSVOA\_N

ClientSampleId :

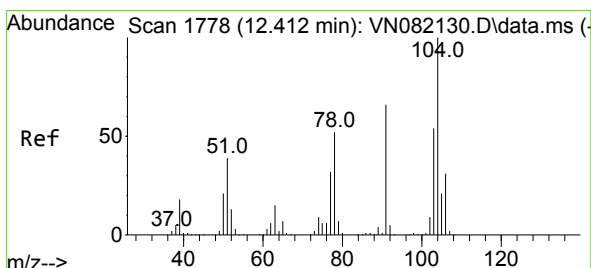
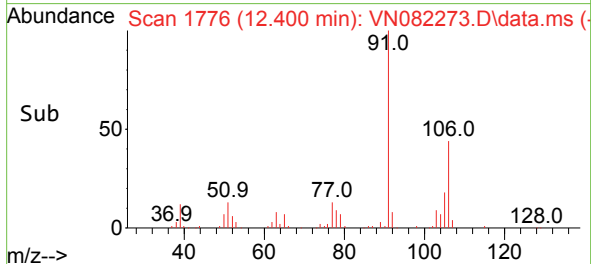
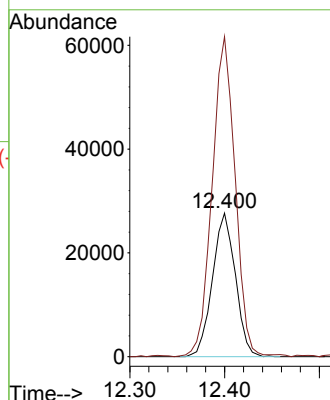
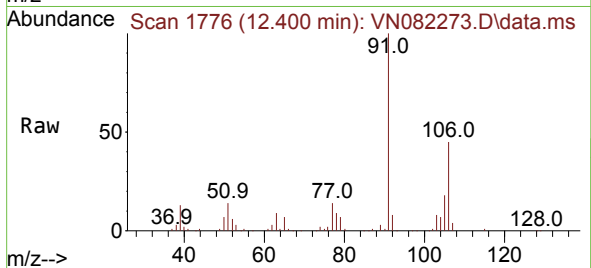
13

Tgt Ion:106 Resp: 46391

Ion Ratio Lower Upper

106 100

91 224.1 104.7 314.1



#70

Styrene

Concen: 1.348 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

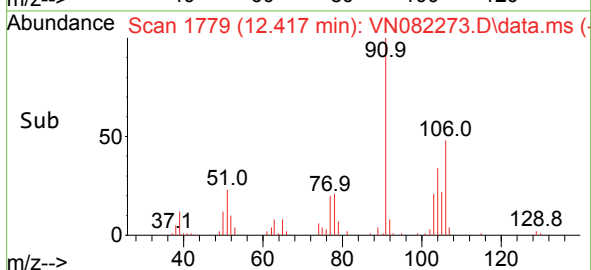
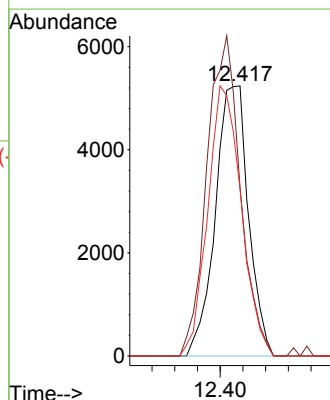
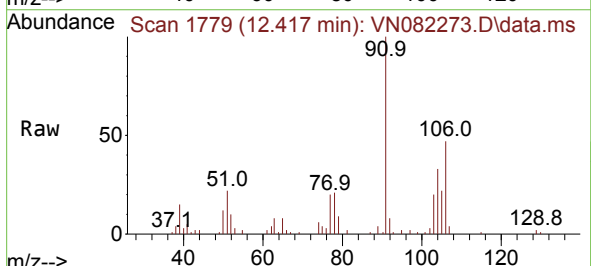
Tgt Ion:104 Resp: 10620

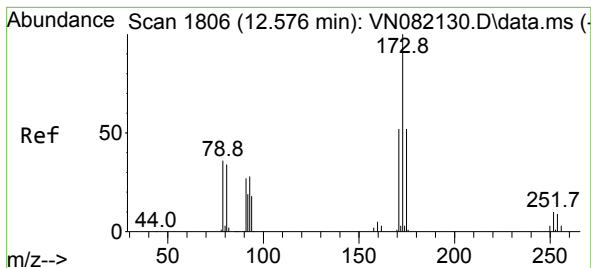
Ion Ratio Lower Upper

104 100

78 119.0 38.6 58.0#

103 100.8 43.8 65.6#





#71

Bromoform

Concen: 0.757 ug/l

RT: 12.723 min Scan# 1806

Delta R.T. 0.147 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

Instrument :

MSVOA\_N

ClientSampleId :

13

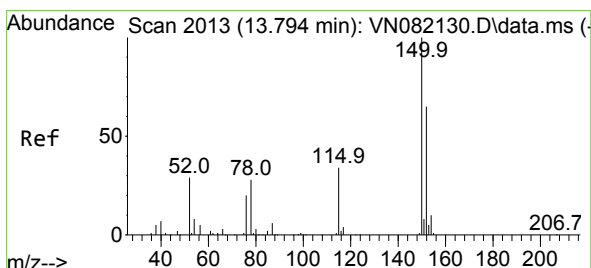
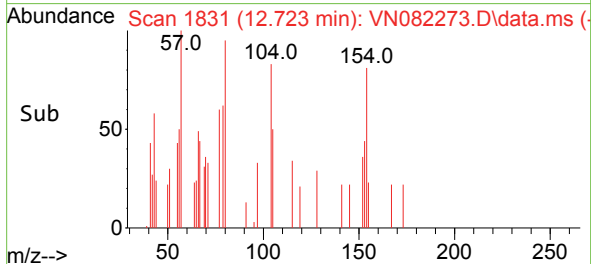
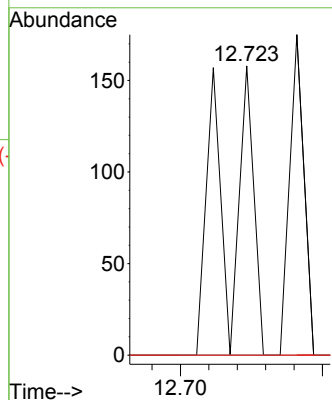
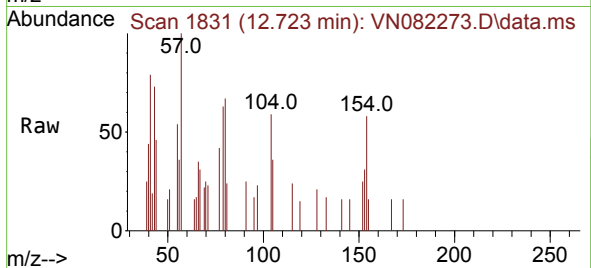
Tgt Ion:173 Resp: 111

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

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: VN082273.D

Acq: 22 May 2024 05:09

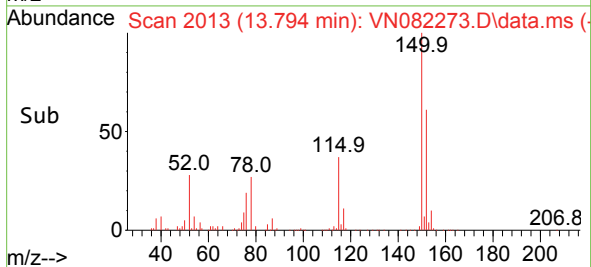
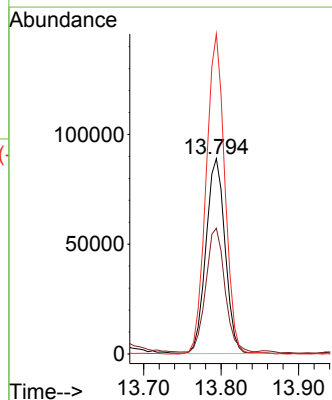
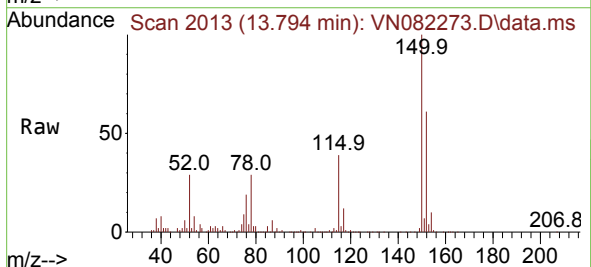
Tgt Ion:152 Resp: 152692

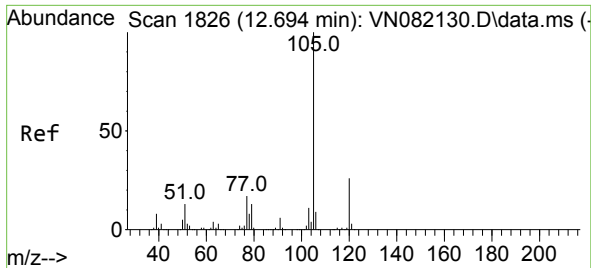
Ion Ratio Lower Upper

152 100

115 63.0 30.4 91.3

150 159.5 0.0 353.2

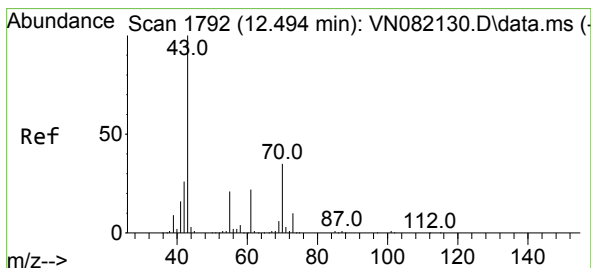
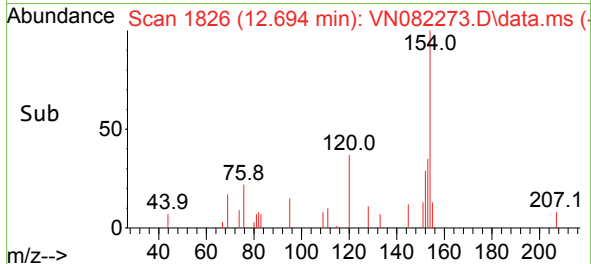
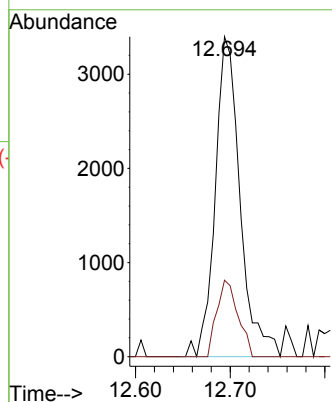
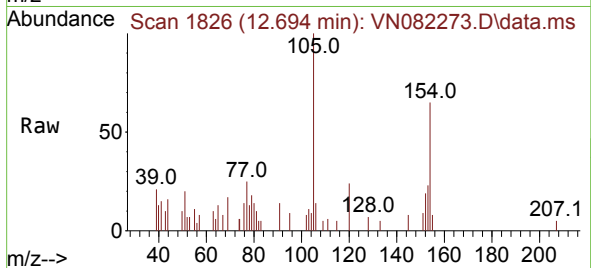




#73  
Isopropylbenzene  
Concen: 0.511 ug/l  
RT: 12.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

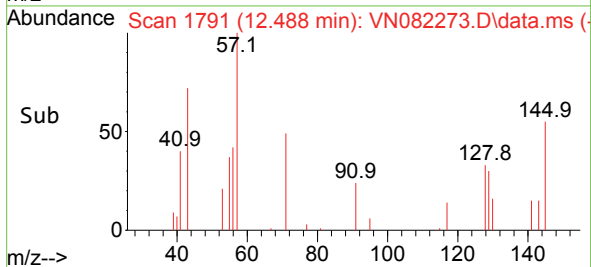
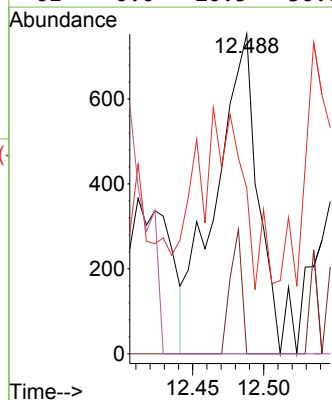
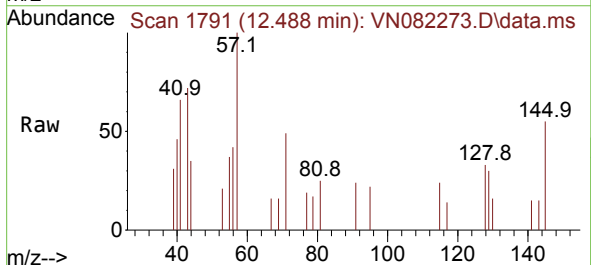
Instrument :  
MSVOA\_N  
ClientSampleId :  
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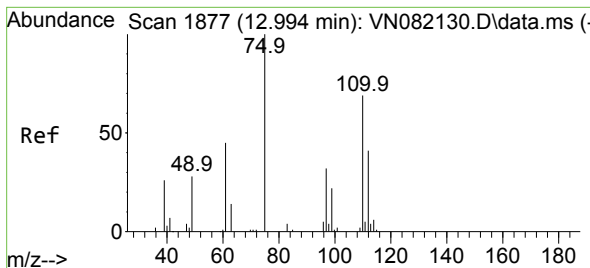
Tgt Ion:105 Resp: 6197  
Ion Ratio Lower Upper  
105 100  
120 20.3 13.4 40.1



#74  
N-ethyl acetate  
Concen: 0.232 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. -0.006 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

Tgt Ion: 43 Resp: 1545  
Ion Ratio Lower Upper  
43 100  
70 10.8 39.0 58.4#  
55 0.0 21.3 31.9#  
61 0.0 20.5 30.7#





#76

1,2,3-Trichloropropane

Concen: 30.624 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

Instrument :

MSVOA\_N

ClientSampleId :

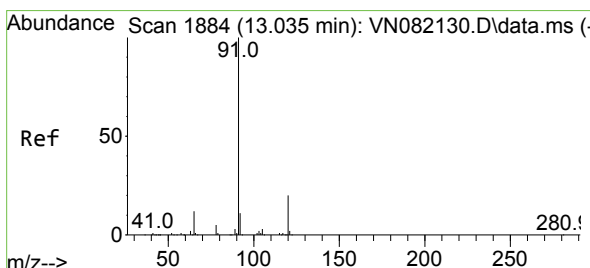
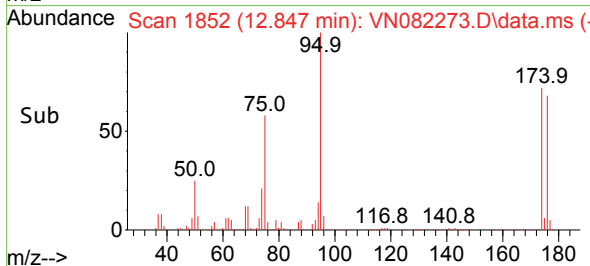
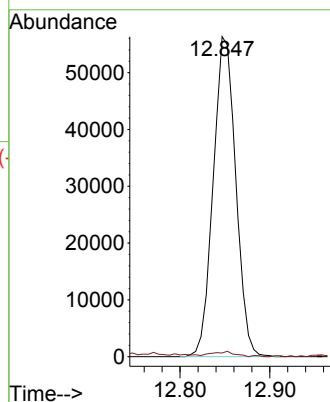
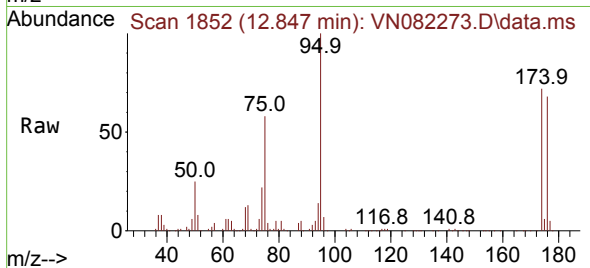
13

Tgt Ion: 75 Resp: 98421

Ion Ratio Lower Upper

75 100

77 1.6 90.5 271.3#



#78

n-propylbenzene

Concen: 0.837 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082273.D

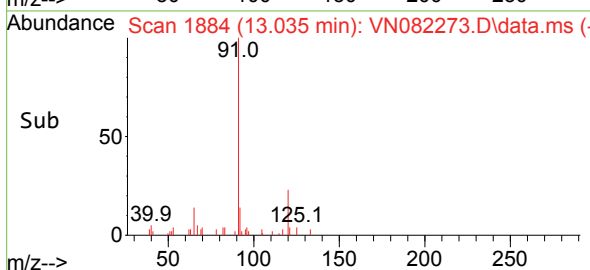
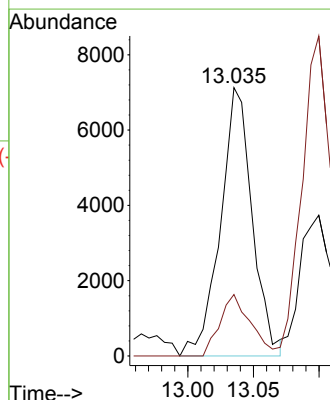
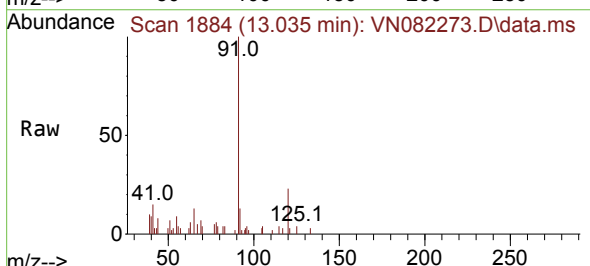
Acq: 22 May 2024 05:09

Tgt Ion: 91 Resp: 12025

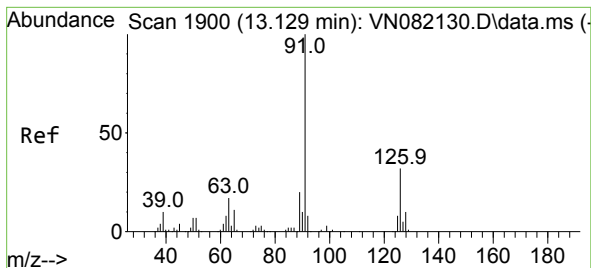
Ion Ratio Lower Upper

91 100

120 22.0 11.7 35.0







#79

2-Chlorotoluene

Concen: 0.712 ug/l

RT: 13.100 min Scan# 11

Delta R.T. -0.030 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

Instrument :

MSVOA\_N

ClientSampleId :

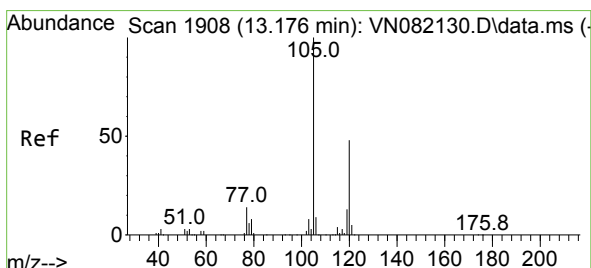
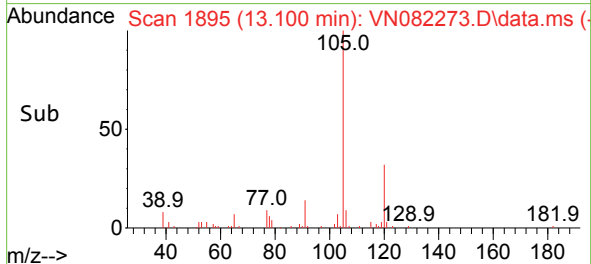
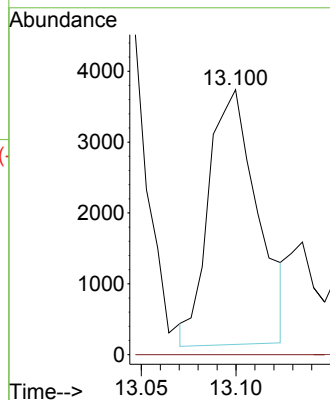
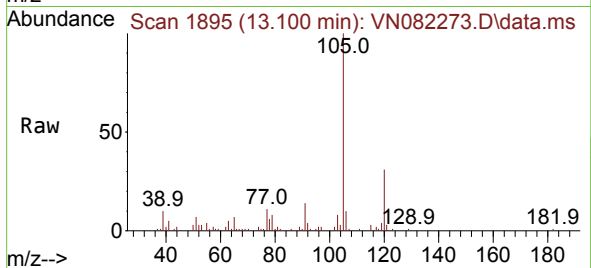
13

Tgt Ion: 91 Resp: 6418

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#



#80

1,3,5-Trimethylbenzene

Concen: 7.684 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082273.D

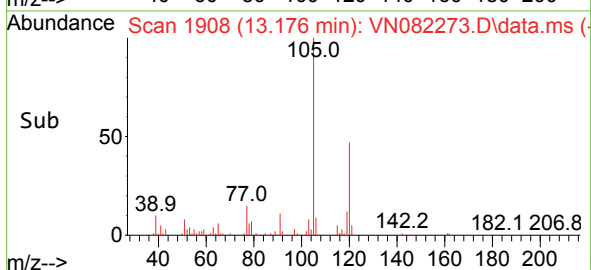
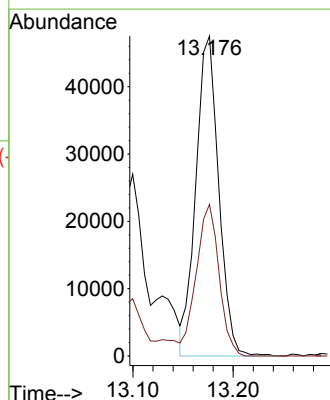
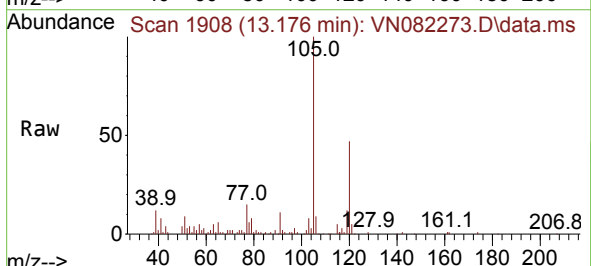
Acq: 22 May 2024 05:09

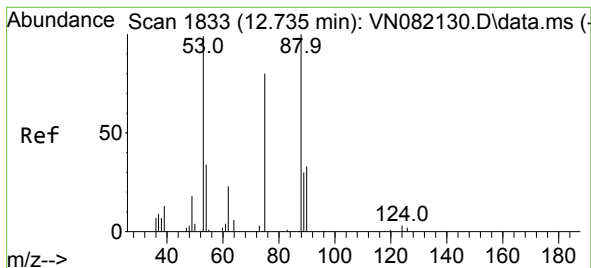
Tgt Ion: 105 Resp: 75370

Ion Ratio Lower Upper

105 100

120 47.2 24.8 74.3

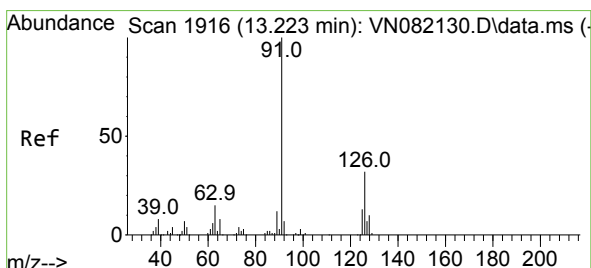
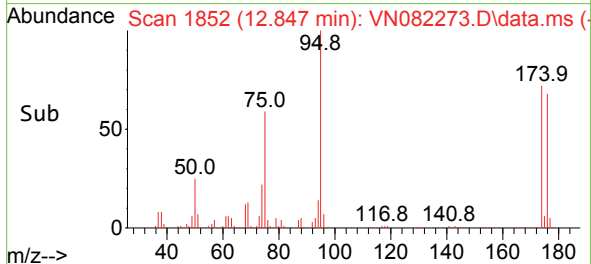
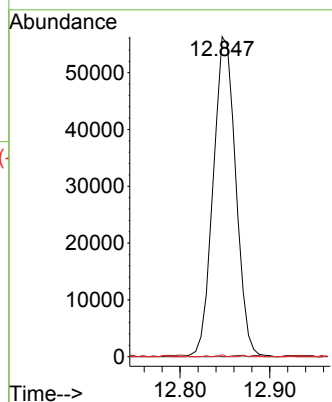
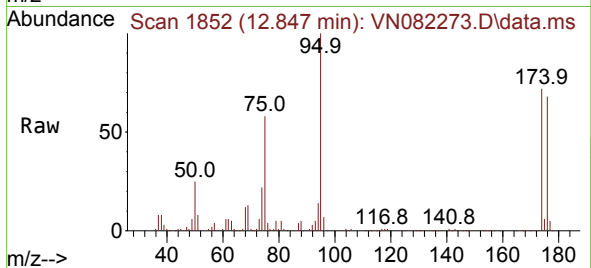




#81  
trans-1,4-Dichloro-2-butene  
Concen: 71.629 ug/l  
RT: 12.847 min Scan# 113  
Delta R.T. 0.112 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

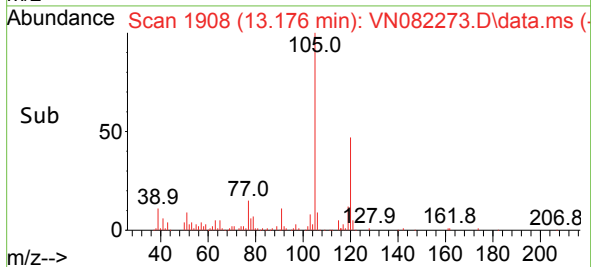
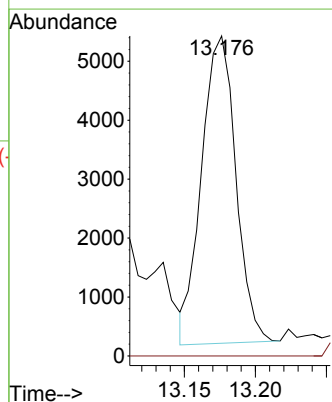
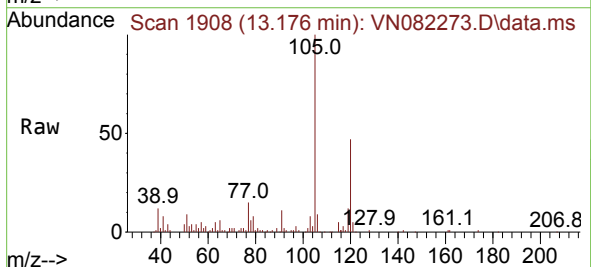
Instrument :  
MSVOA\_N  
ClientSampleId :  
13

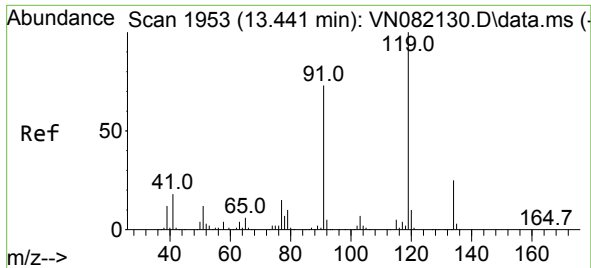
Tgt Ion: 75 Resp: 98421  
Ion Ratio Lower Upper  
75 100  
53 0.1 72.9 109.3#  
89 0.1 39.1 58.7#



#82  
4-Chlorotoluene  
Concen: 0.993 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.047 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

Tgt Ion: 91 Resp: 8757  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.4 52.3#

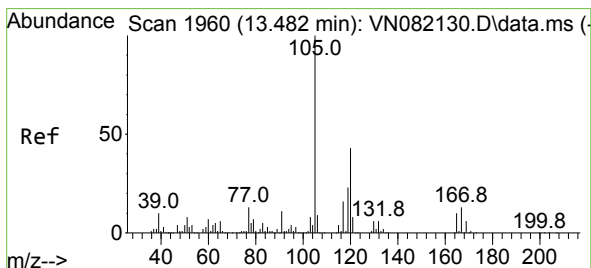
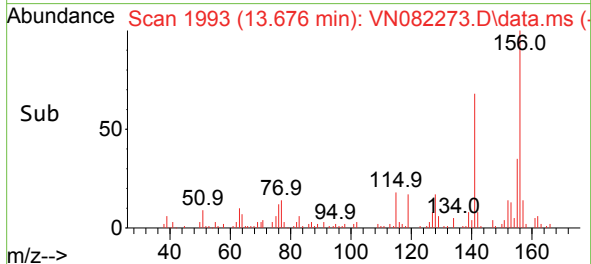
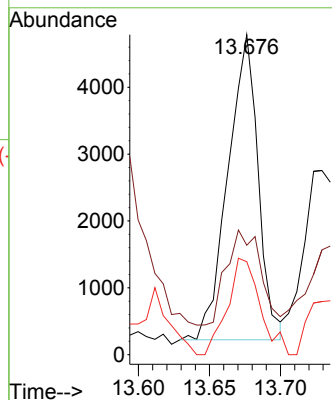
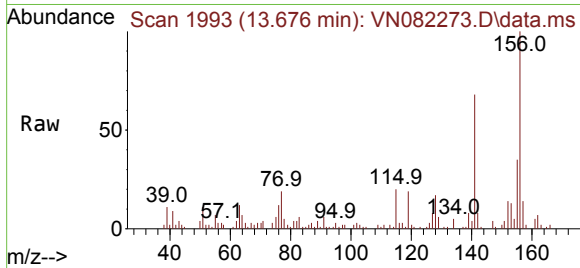




#83  
tert-Butylbenzene  
Concen: 0.787 ug/l  
RT: 13.676 min Scan# 1993  
Delta R.T. 0.235 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

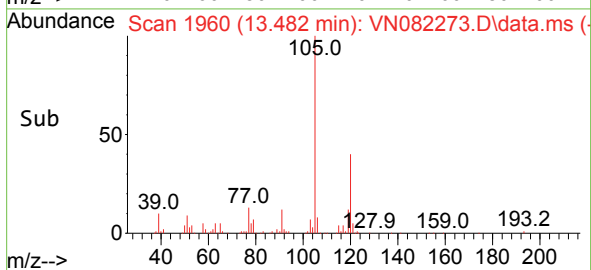
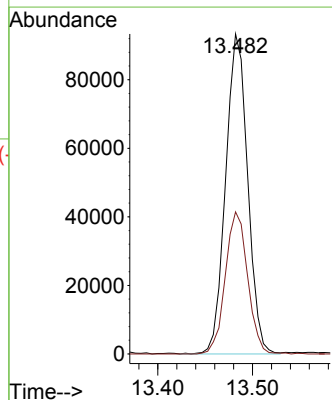
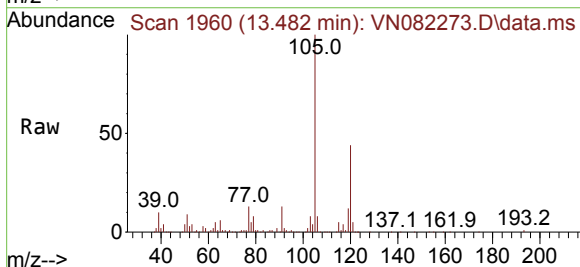
Instrument :  
MSVOA\_N  
ClientSampleId :  
13

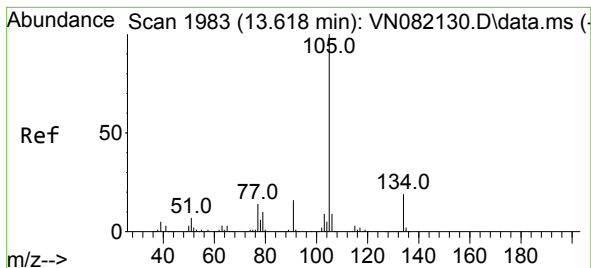
Tgt Ion:119 Resp: 6757  
Ion Ratio Lower Upper  
119 100  
91 35.0 32.6 97.8  
134 34.0 12.4 37.0



#84  
1,2,4-Trimethylbenzene  
Concen: 15.027 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

Tgt Ion:105 Resp: 150796  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 12.678 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

Instrument :

MSVOA\_N

ClientSampleId :

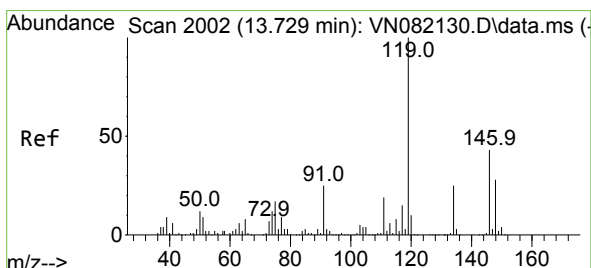
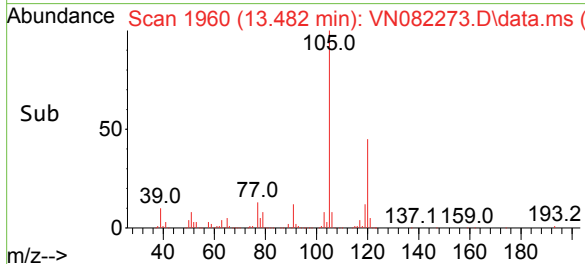
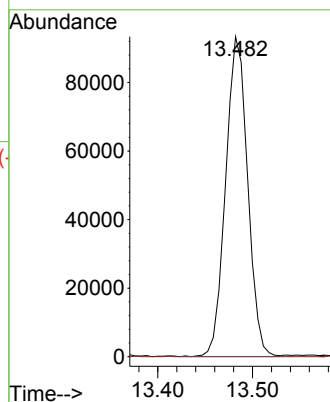
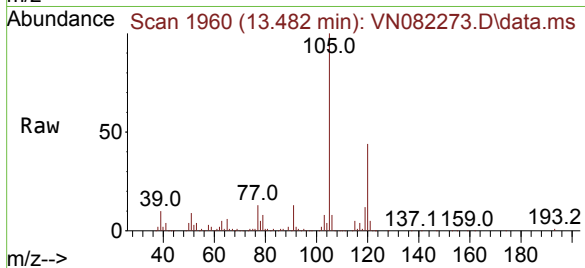
13

Tgt Ion:105 Resp: 150796

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 0.699 ug/l

RT: 13.676 min Scan# 1993

Delta R.T. -0.053 min

Lab File: VN082273.D

Acq: 22 May 2024 05:09

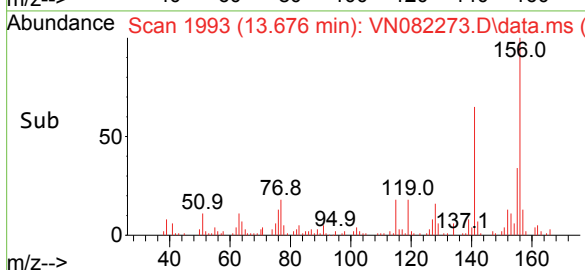
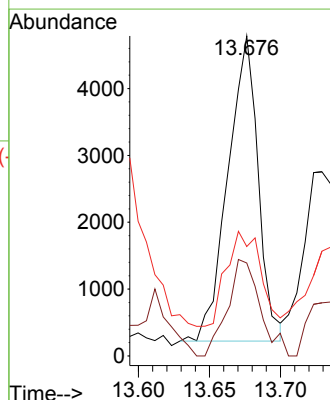
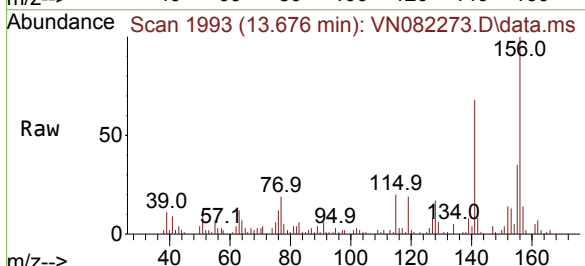
Tgt Ion:119 Resp: 6757

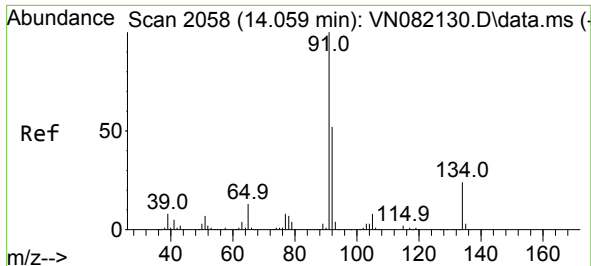
Ion Ratio Lower Upper

119 100

134 34.0 13.2 39.5

91 35.0 11.8 35.3

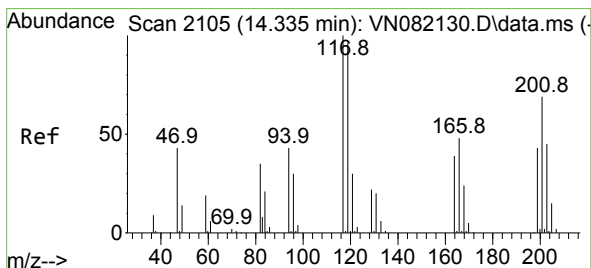
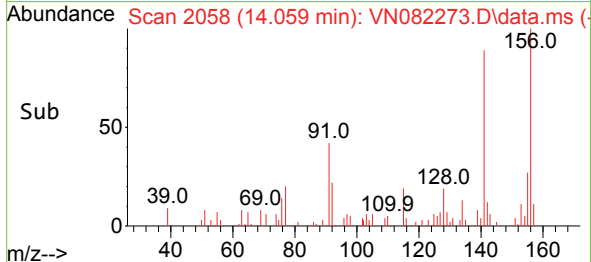
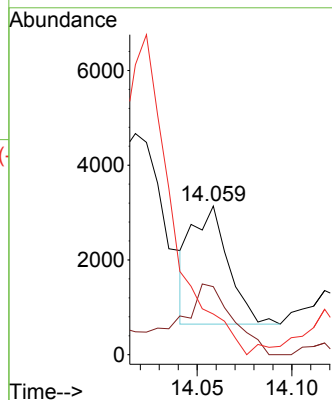
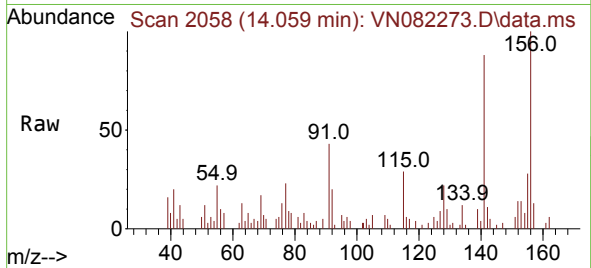




#89  
n-Butylbenzene  
Concen: 0.386 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

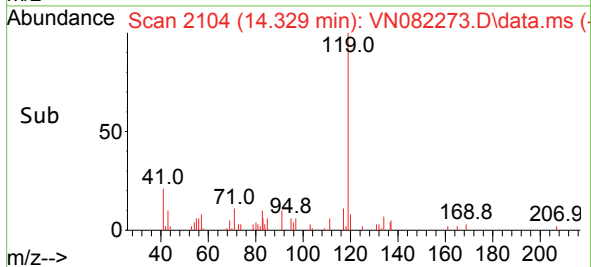
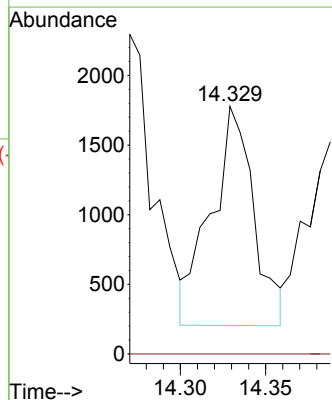
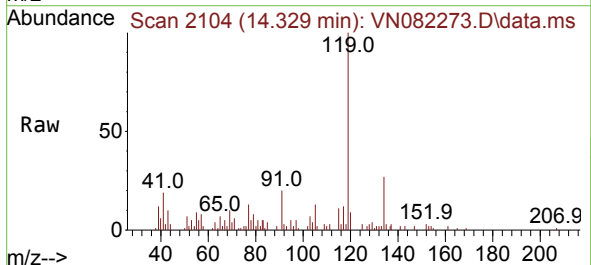
Instrument :  
MSVOA\_N  
ClientSampleId :  
13

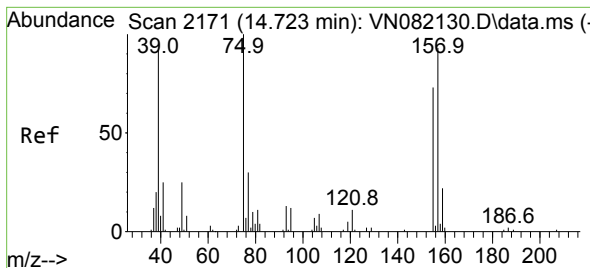
Tgt Ion: 91 Resp: 3355  
Ion Ratio Lower Upper  
91 100  
92 85.0 26.2 78.5#  
134 0.0 13.2 39.5#



#90  
Hexachloroethane  
Concen: 1.529 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.006 min  
Lab File: VN082273.D  
Acq: 22 May 2024 05:09

Tgt Ion: 117 Resp: 2739  
Ion Ratio Lower Upper  
117 100  
201 0.0 33.3 99.8#

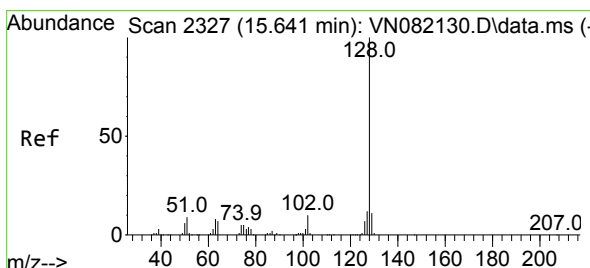
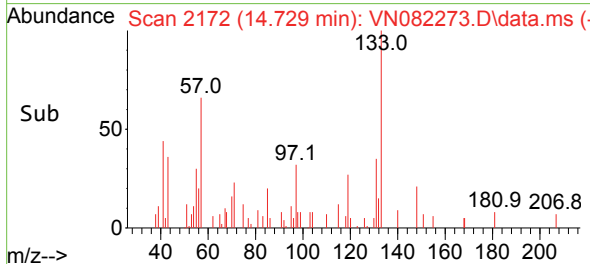
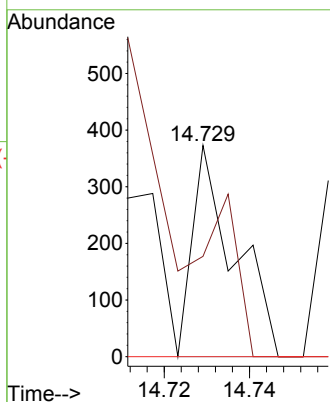
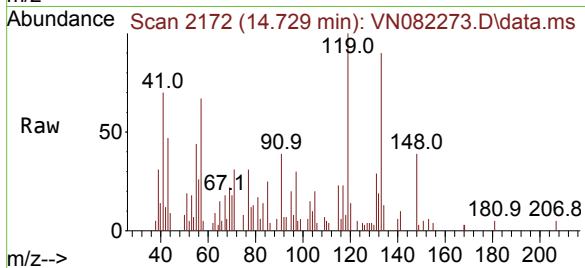




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.354 ug/l  
 RT: 14.729 min Scan# 2171  
 Delta R.T. 0.006 min  
 Lab File: VN082273.D  
 Acq: 22 May 2024 05:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 13

Tgt Ion: 75 Resp: 254  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 42.6 128.0#  
 157 0.0 53.0 159.0#



#95  
 Naphthalene  
 Concen: 221.272 ug/l  
 RT: 15.641 min Scan# 2327  
 Delta R.T. -0.000 min  
 Lab File: VN082273.D  
 Acq: 22 May 2024 05:09

Tgt Ion:128 Resp: 1926966  
 Ion Ratio Lower Upper  
 128 100  
 127 13.2 10.1 15.1  
 129 10.9 8.9 13.3

