

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052124\  
 Data File : VN082261.D  
 Acq On : 22 May 2024 00:20  
 Operator : JC\MD  
 Sample : P2494-01 40X  
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 1

Quant Time: May 22 02:42:19 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  | 171215   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 299617   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 278312   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 123966   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 138834   | 51.353   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 102.700% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 96829    | 52.536   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 105.080% |      |
| 50) Toluene-d8              | 10.571 | 98    | 386000   | 54.625   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 109.260% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 134204   | 53.210   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 106.420% |      |

|                               |        |     |       |        |        |    |
|-------------------------------|--------|-----|-------|--------|--------|----|
| Target Compounds              |        |     |       |        | Qvalue |    |
| 3) Chloromethane              | 2.359  | 50  | 613   | 0.219  | ug/l # | 43 |
| 5) Bromomethane               | 2.971  | 94  | 999   | 0.661  | ug/l   | 91 |
| 10) Methyl Iodide             | 4.606  | 142 | 745   | 0.368  | ug/l # | 63 |
| 13) Acrolein                  | 4.183  | 56  | 79    | 0.246  | ug/l # | 15 |
| 15) Acrylonitrile             | 5.730  | 53  | 241   | 0.214  | ug/l # | 17 |
| 16) Acetone                   | 4.453  | 43  | 1049  | 0.946  | ug/l # | 43 |
| 17) Carbon Disulfide          | 4.700  | 76  | 1581  | 0.262  | ug/l # | 74 |
| 18) Methyl Acetate            | 5.024  | 43  | 610   | 0.221  | ug/l # | 47 |
| 20) Methylene Chloride        | 5.277  | 84  | 9735  | 4.351  | ug/l # | 82 |
| 31) Cyclohexane               | 8.230  | 56  | 6736  | 1.560  | ug/l # | 31 |
| 36) 1,1-Dichloropropene       | 8.230  | 75  | 16041 | 5.189  | ug/l # | 49 |
| 38) Carbon Tetrachloride      | 8.230  | 117 | 18113 | 5.780  | ug/l # | 16 |
| 39) Methylcyclohexane         | 9.606  | 83  | 3539  | 1.044  | ug/l # | 65 |
| 40) Benzene                   | 8.600  | 78  | 9598  | 1.041  | ug/l # | 86 |
| 43) Isopropyl Acetate         | 8.677  | 43  | 12271 | 2.002  | ug/l # | 52 |
| 48) Methyl methacrylate       | 9.606  | 41  | 2233  | 0.765  | ug/l # | 52 |
| 52) Toluene                   | 10.635 | 92  | 15482 | 2.799  | ug/l   | 98 |
| 55) 1,1,2-Trichloroethane     | 11.006 | 97  | 444   | 0.221  | ug/l # | 14 |
| 67) Ethyl Benzene             | 11.965 | 91  | 10299 | 0.936  | ug/l   | 99 |
| 68) m/p-Xylenes               | 12.070 | 106 | 20681 | 5.130  | ug/l   | 88 |
| 69) o-Xylene                  | 12.400 | 106 | 18224 | 4.667  | ug/l   | 92 |
| 70) Styrene                   | 12.418 | 104 | 4942  | 0.762  | ug/l # | 45 |
| 71) Bromoform                 | 12.841 | 173 | 426   | 0.962  | ug/l # | 28 |
| 73) Isopropylbenzene          | 12.694 | 105 | 2790  | 0.283  | ug/l   | 91 |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75  | 78693 | 30.160 | ug/l # | 1  |
| 78) n-propylbenzene           | 13.041 | 91  | 5633  | 0.483  | ug/l   | 94 |
| 79) 2-Chlorotoluene           | 13.100 | 91  | 2437  | 0.333  | ug/l # | 40 |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105 | 31136 | 3.910  | ug/l   | 96 |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75  | 78693 | 70.543 | ug/l # | 12 |
| 83) tert-Butylbenzene         | 13.670 | 119 | 2813  | 0.404  | ug/l   | 78 |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105 | 57984 | 7.117  | ug/l   | 96 |
| 85) sec-Butylbenzene          | 13.623 | 105 | 3000  | 0.311  | ug/l   | 95 |
| 86) p-Isopropyltoluene        | 13.729 | 119 | 2927  | 0.373  | ug/l # | 86 |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146 | 1011  | 0.233  | ug/l # | 1  |
| 89) n-Butylbenzene            | 14.059 | 91  | 2910  | 0.413  | ug/l # | 63 |
| 90) Hexachloroethane          | 14.329 | 117 | 1417  | 0.975  | ug/l # | 17 |

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ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
1

Quant Time: May 22 02:42:19 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

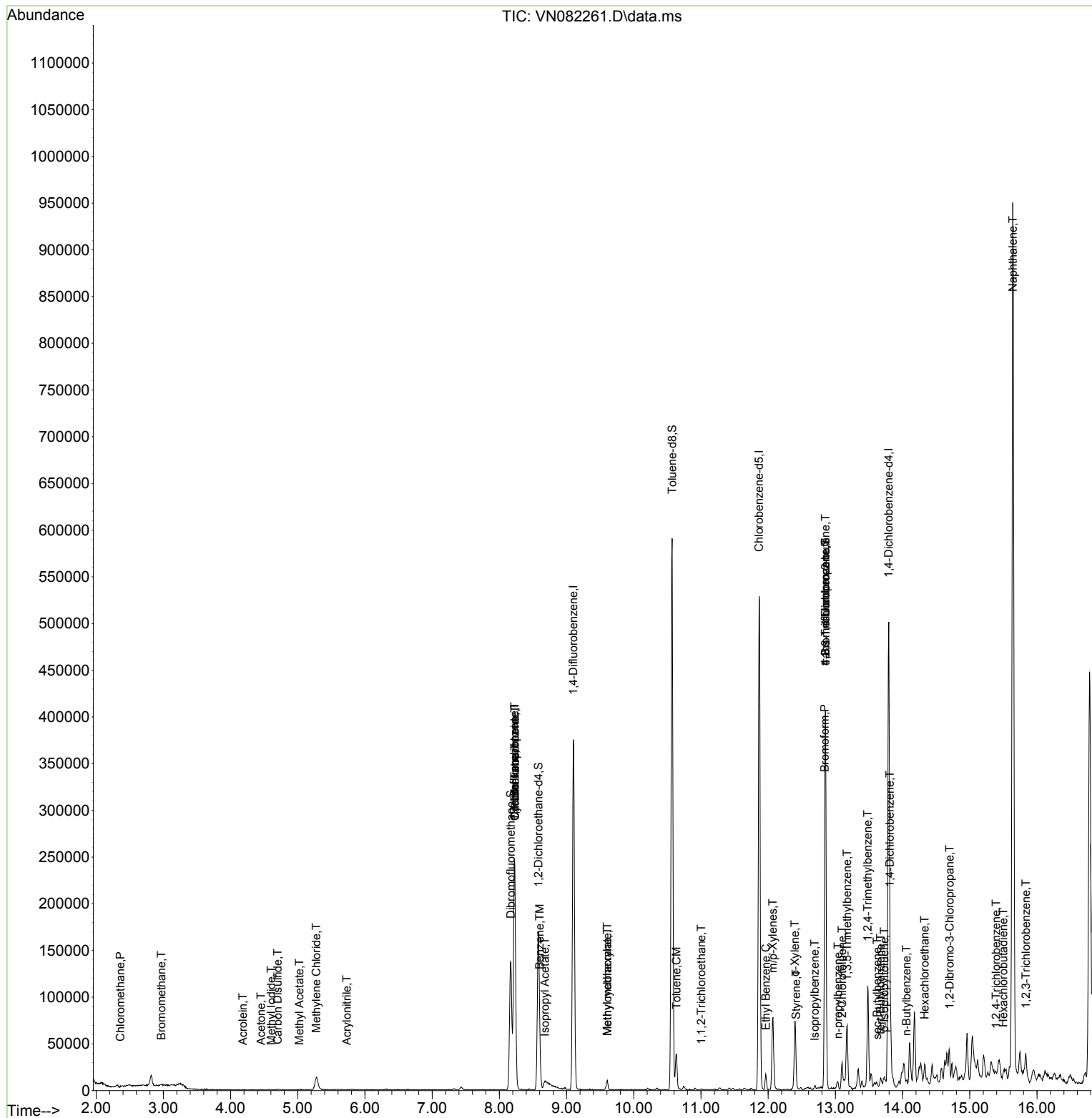
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 139      | 0.238   | ug/l # | 2        |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 1030     | 0.457   | ug/l # | 1        |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 421      | 0.425   | ug/l # | 61       |
| 95) Naphthalene               | 15.641 | 128  | 820223   | 116.011 | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 1136     | 0.503   | ug/l # | 24       |

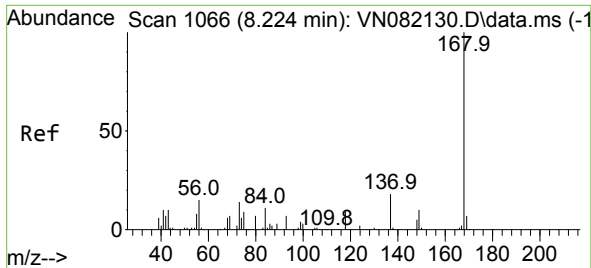
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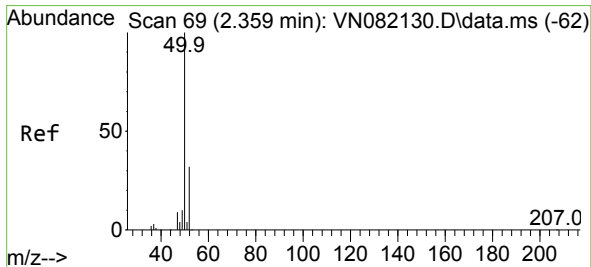
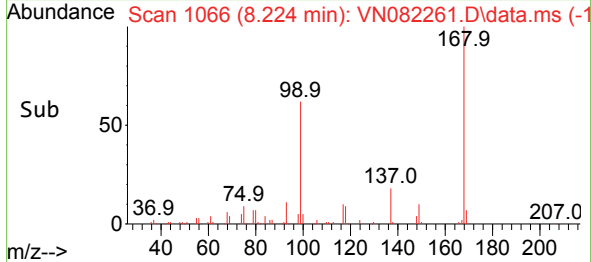
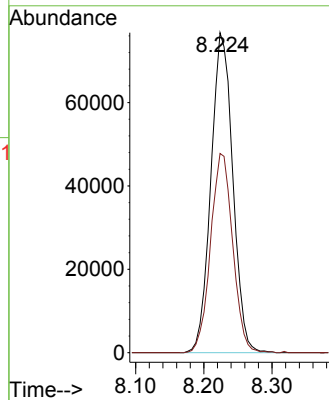
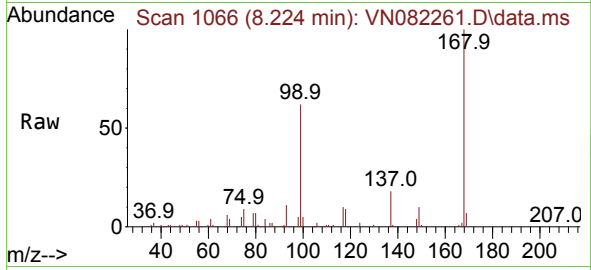




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

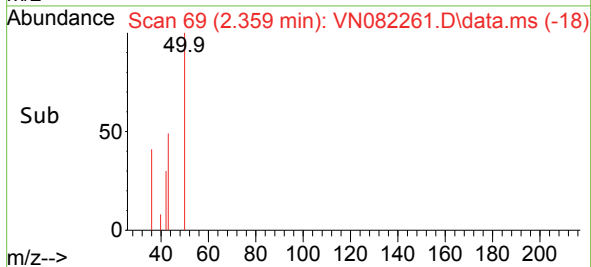
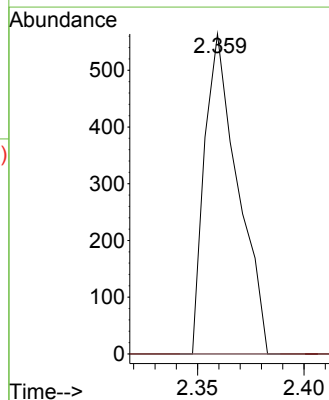
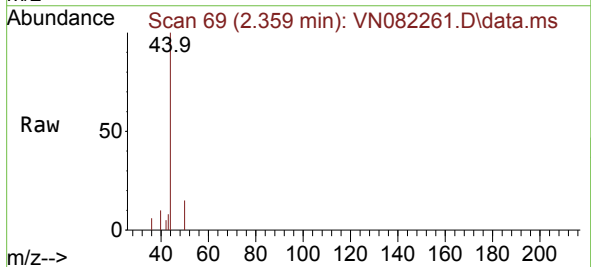
Instrument :  
MSVOA\_N  
ClientSampleId :  
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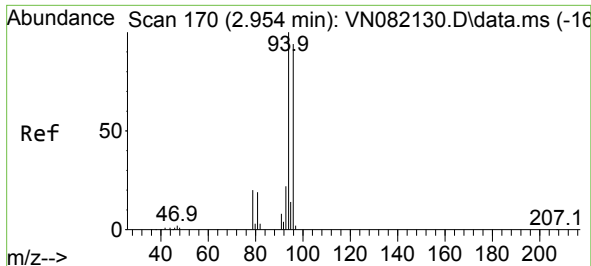
Tgt Ion:168 Resp: 171215  
Ion Ratio Lower Upper  
168 100  
99 62.2 48.2 72.4



#3  
Chloromethane  
Concen: 0.219 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion: 50 Resp: 613  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.5 38.3#

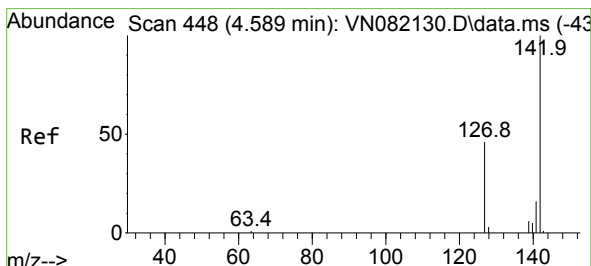
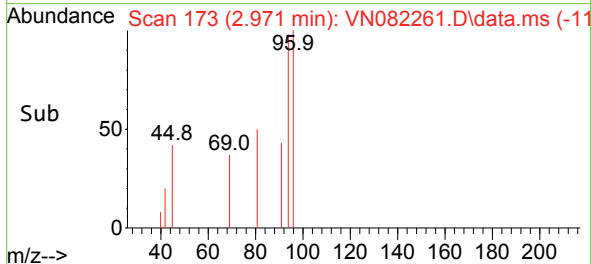
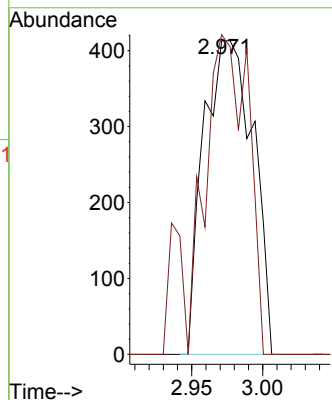
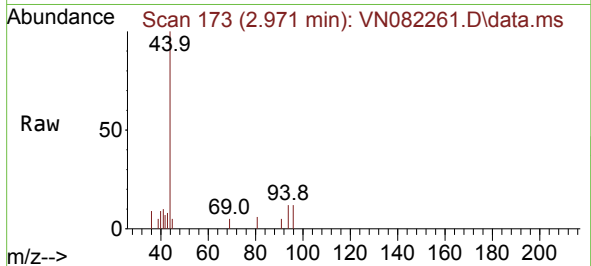




#5  
Bromomethane  
Concen: 0.661 ug/l  
RT: 2.971 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

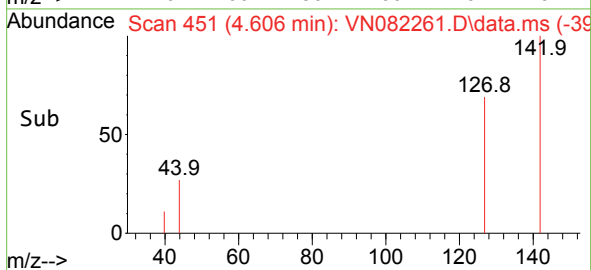
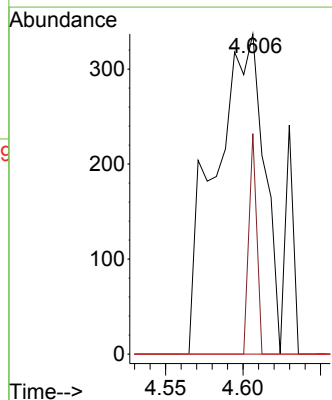
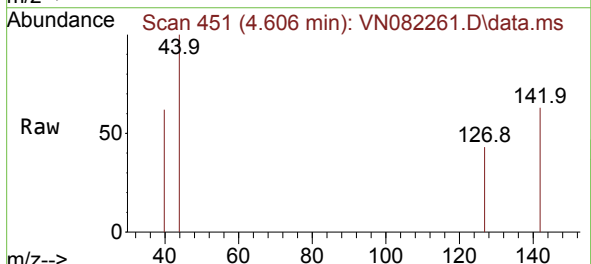
Instrument :  
MSVOA\_N  
ClientSampleId :  
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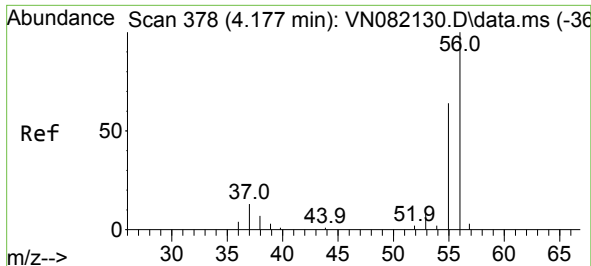
Tgt Ion: 94 Resp: 999  
Ion Ratio Lower Upper  
94 100  
96 101.9 74.8 112.2



#10  
Methyl Iodide  
Concen: 0.368 ug/l  
RT: 4.606 min Scan# 451  
Delta R.T. 0.018 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion: 142 Resp: 745  
Ion Ratio Lower Upper  
142 100  
127 68.8 35.8 53.6#  
141 0.0 11.4 17.2#





#13

Acrolein

Concen: 0.246 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

Instrument :

MSVOA\_N

ClientSampleId :

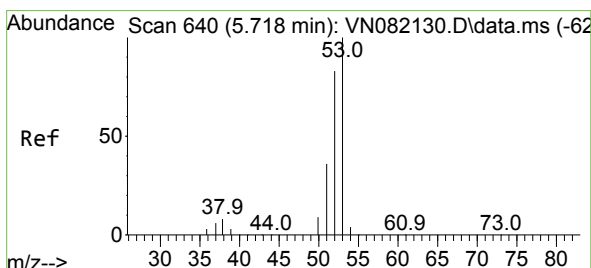
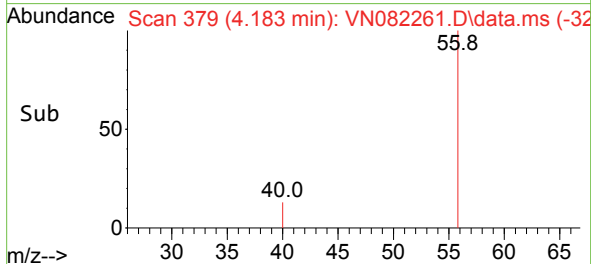
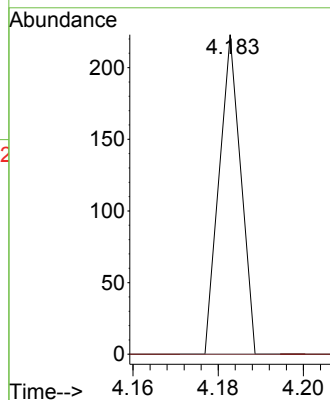
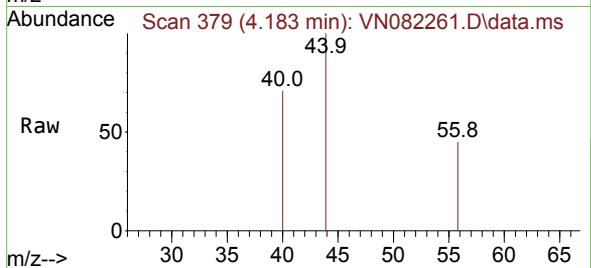
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Tgt Ion: 56 Resp: 79

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#15

Acrylonitrile

Concen: 0.214 ug/l

RT: 5.730 min Scan# 642

Delta R.T. 0.012 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

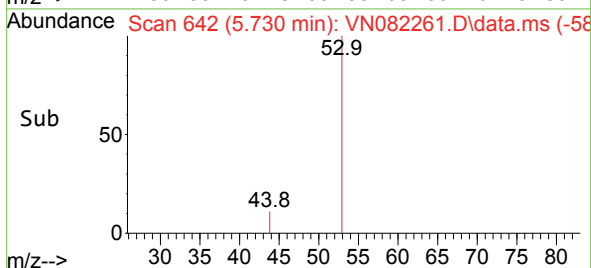
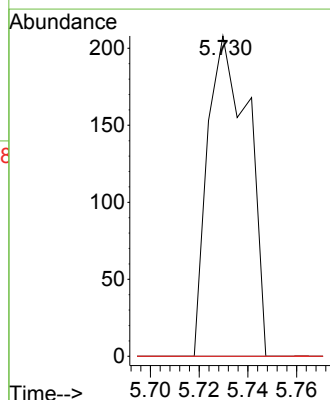
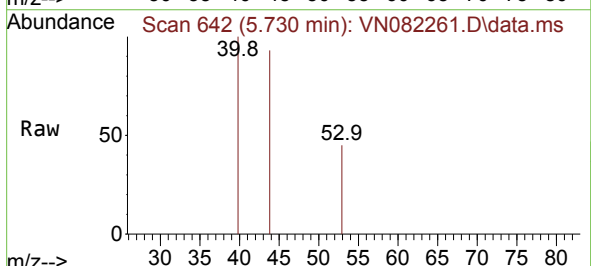
Tgt Ion: 53 Resp: 241

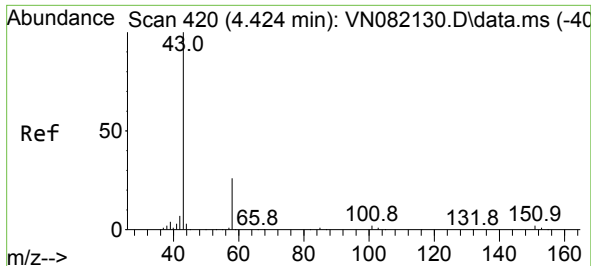
Ion Ratio Lower Upper

53 100

52 0.0 66.1 99.1#

51 0.0 29.4 44.2#

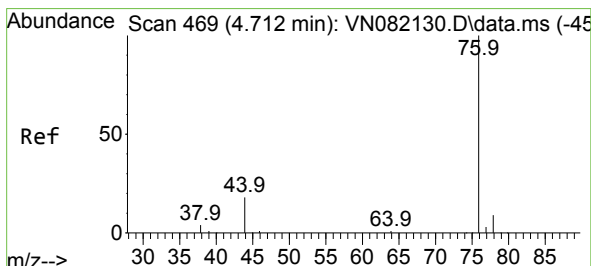
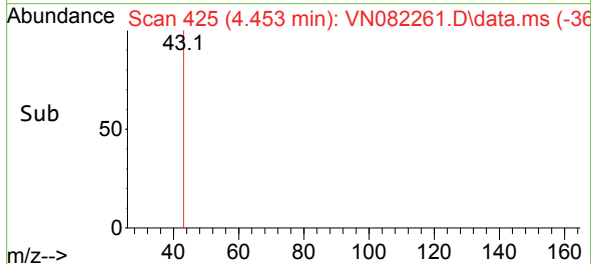
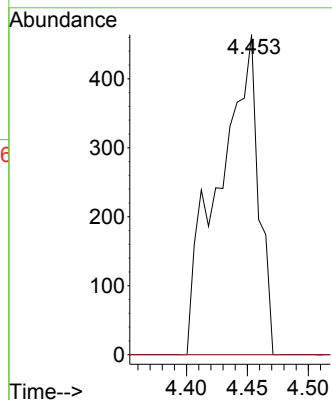
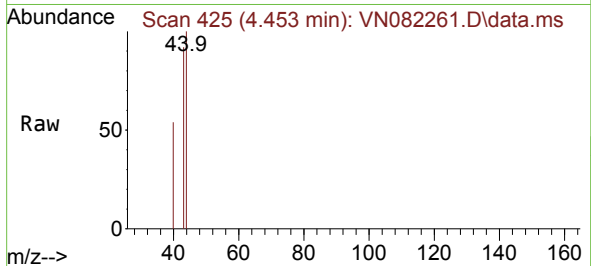




#16  
Acetone  
Concen: 0.946 ug/l  
RT: 4.453 min Scan# 41  
Delta R.T. 0.029 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

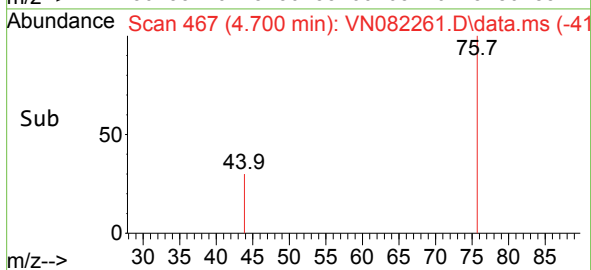
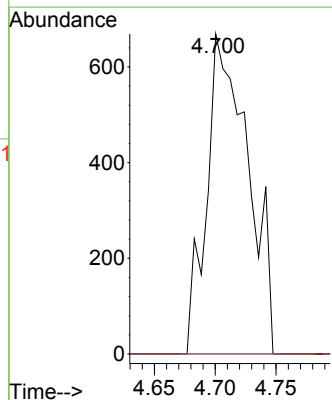
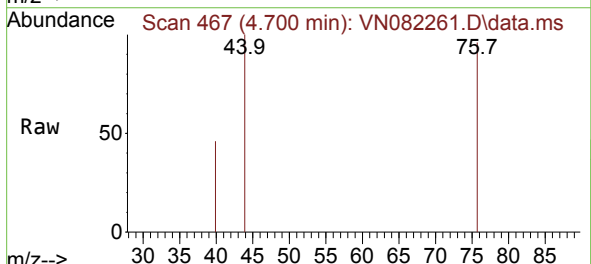
Instrument :  
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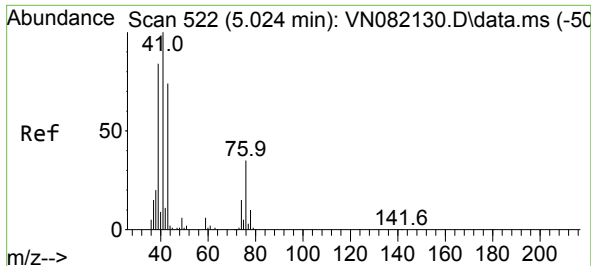
Tgt Ion: 43 Resp: 1049  
Ion Ratio Lower Upper  
43 100  
58 0.0 25.2 37.8#



#17  
Carbon Disulfide  
Concen: 0.262 ug/l  
RT: 4.700 min Scan# 467  
Delta R.T. -0.012 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion: 76 Resp: 1581  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#





#18

Methyl Acetate

Concen: 0.221 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

Instrument :

MSVOA\_N

ClientSampleId :

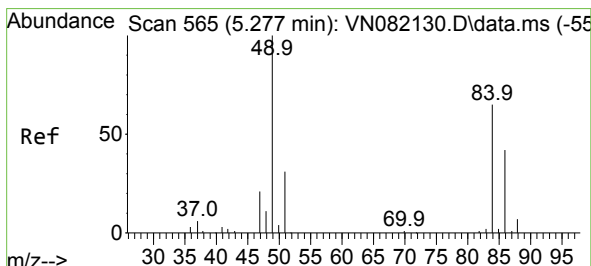
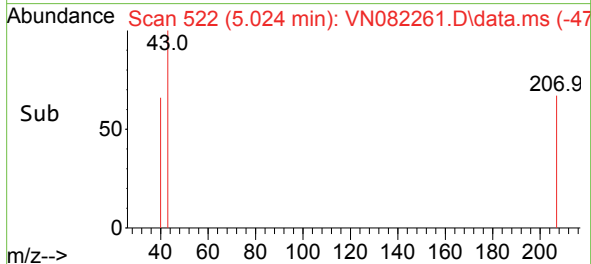
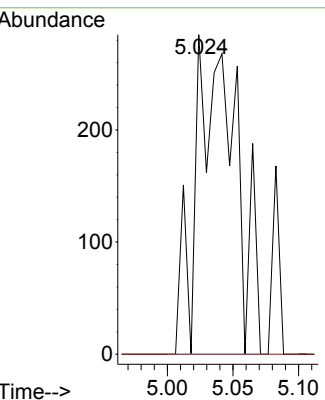
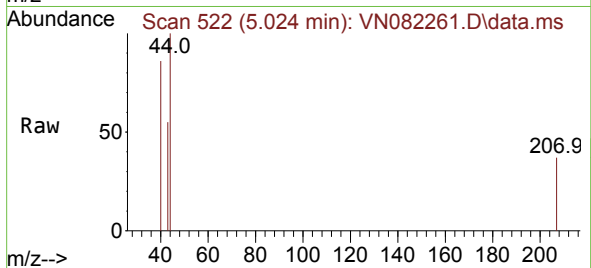
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Tgt Ion: 43 Resp: 610

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.2#



#20

Methylene Chloride

Concen: 4.351 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

Tgt Ion: 84 Resp: 9735

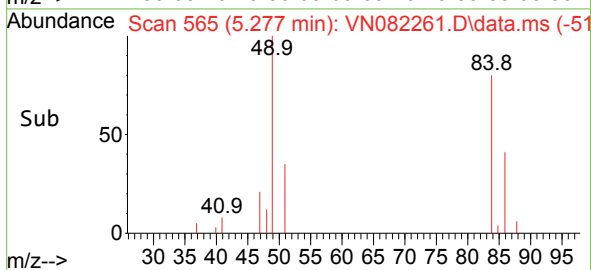
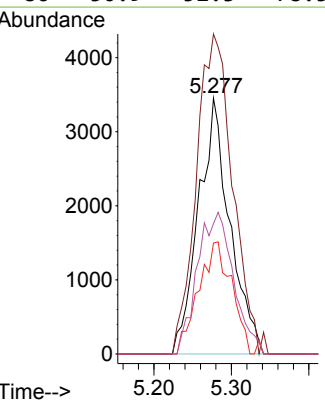
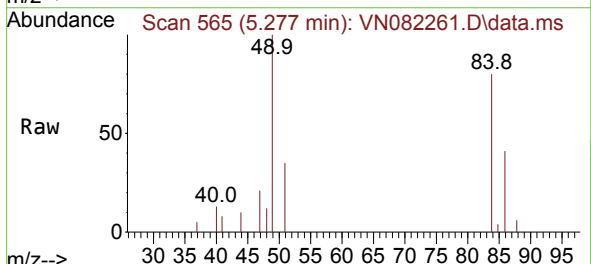
Ion Ratio Lower Upper

84 100

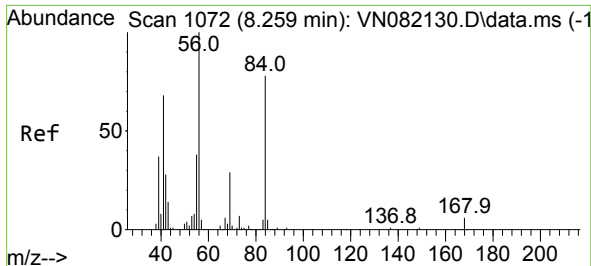
49 125.1 84.9 127.3

51 43.3 27.0 40.6#

86 50.9 52.3 78.5#



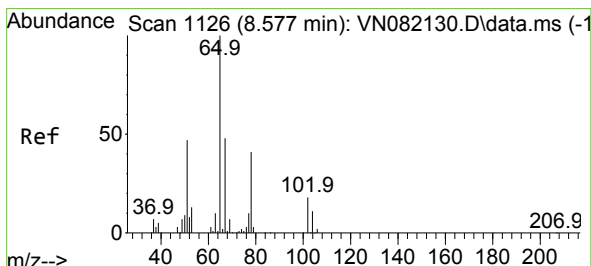
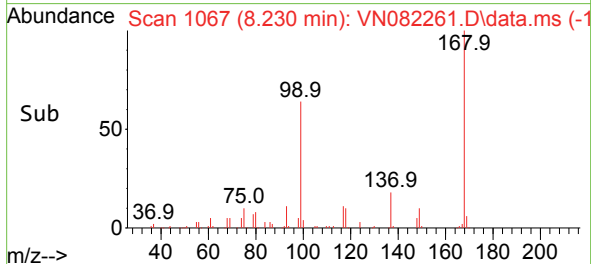
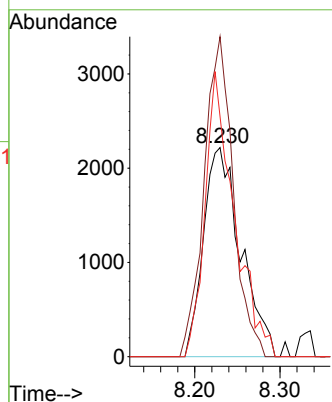
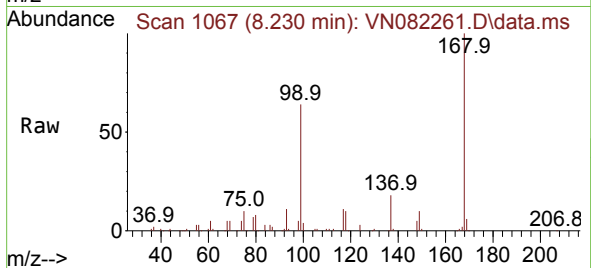




#31  
Cyclohexane  
Concen: 1.560 ug/l  
RT: 8.230 min Scan# 1072  
Delta R.T. -0.029 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

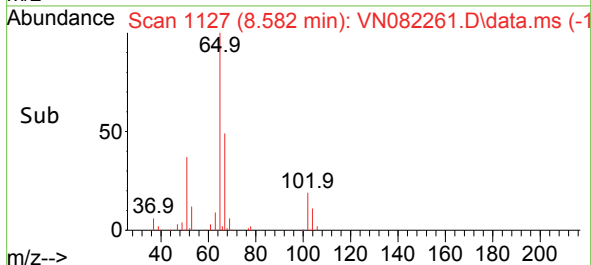
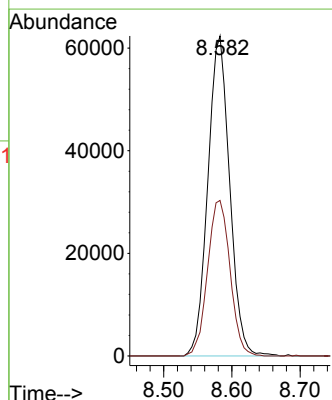
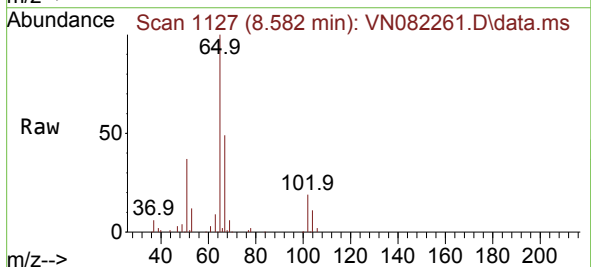
Instrument :  
MSVOA\_N  
ClientSampleId :  
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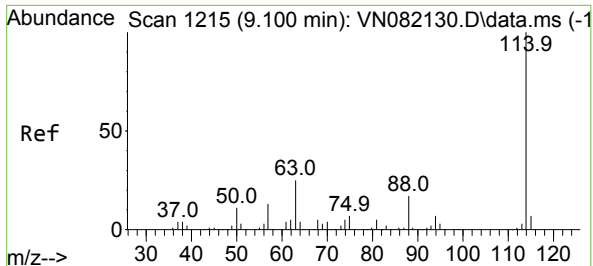
Tgt Ion: 56 Resp: 6736  
Ion Ratio Lower Upper  
56 100  
69 153.1 24.4 36.6#  
84 114.9 77.0 115.4



#33  
1,2-Dichloroethane-d4  
Concen: 51.353 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion: 65 Resp: 138834  
Ion Ratio Lower Upper  
65 100  
67 50.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

Instrument :

MSVOA\_N

ClientSampleId :

1

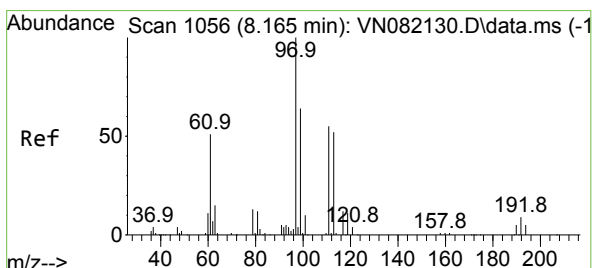
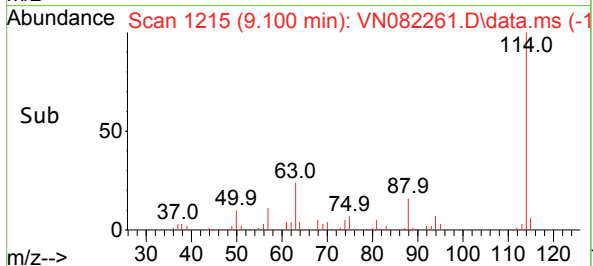
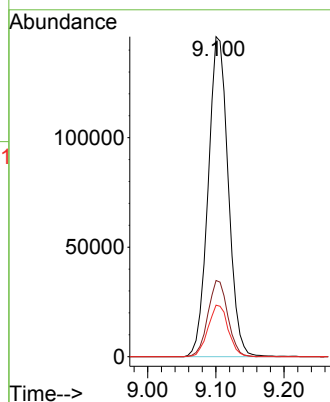
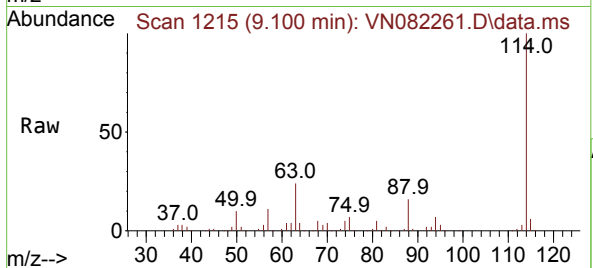
Tgt Ion:114 Resp: 299617

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.536 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

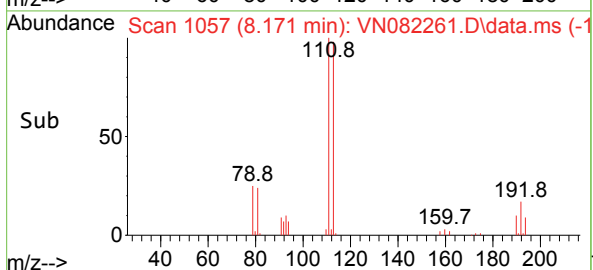
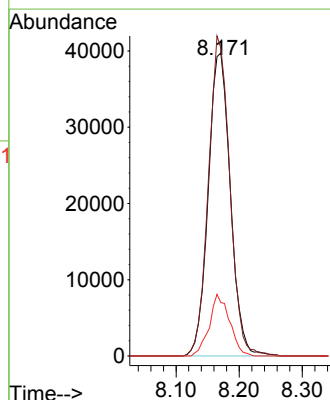
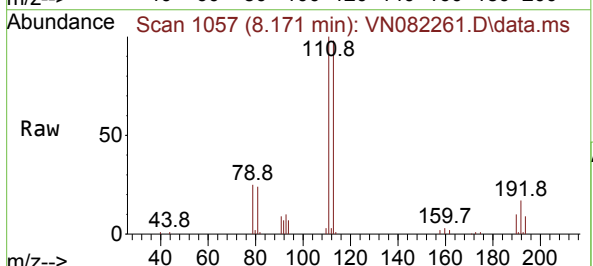
Tgt Ion:113 Resp: 96829

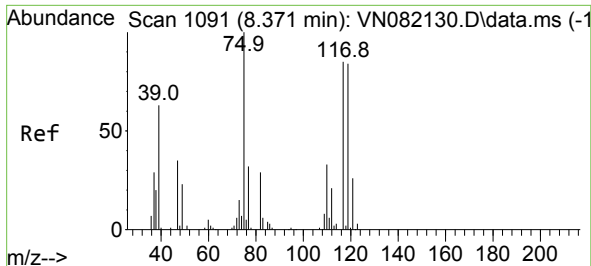
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 18.6 14.0 21.0

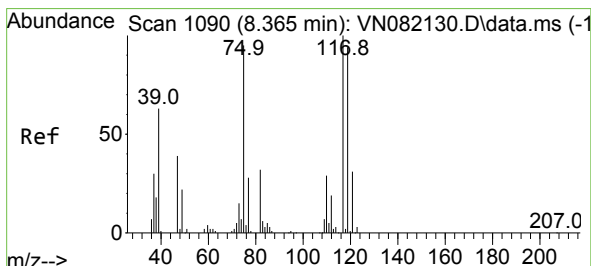
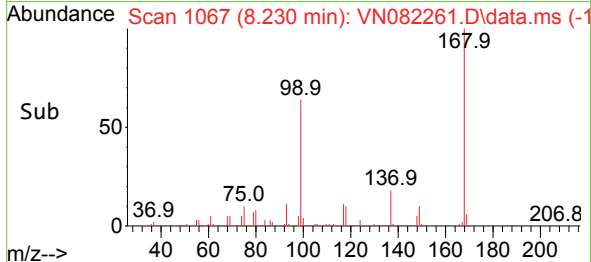
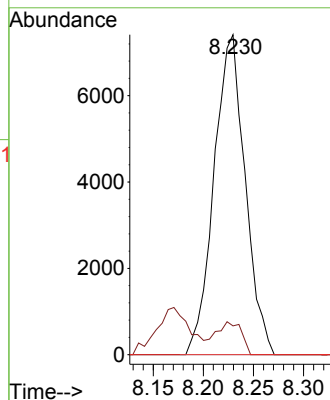
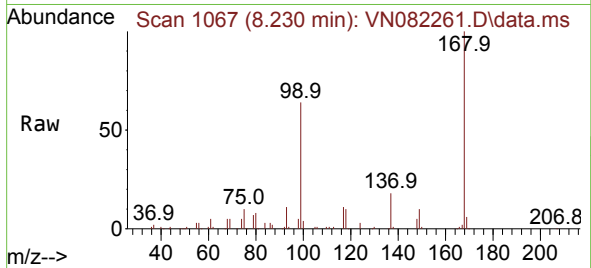




#36  
1,1-Dichloropropene  
Concen: 5.189 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.141 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

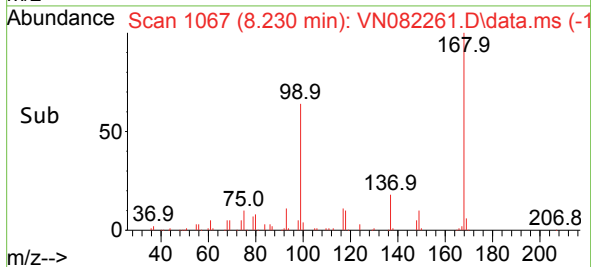
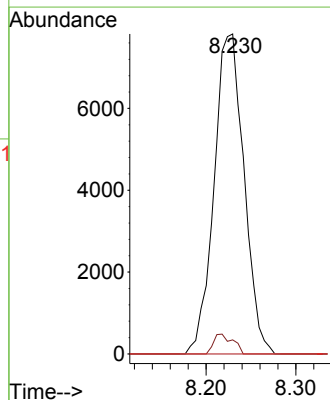
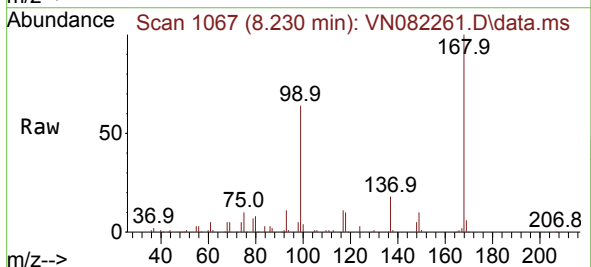
Instrument :  
MSVOA\_N  
ClientSampleId :  
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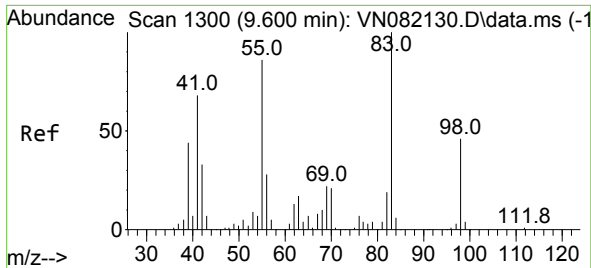
Tgt Ion: 75 Resp: 16041  
Ion Ratio Lower Upper  
75 100  
110 8.6 17.8 53.5#  
77 0.0 25.0 37.4#



#38  
Carbon Tetrachloride  
Concen: 5.780 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.135 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion: 117 Resp: 18113  
Ion Ratio Lower Upper  
117 100  
119 4.4 76.5 114.7#  
121 0.0 23.9 35.9#

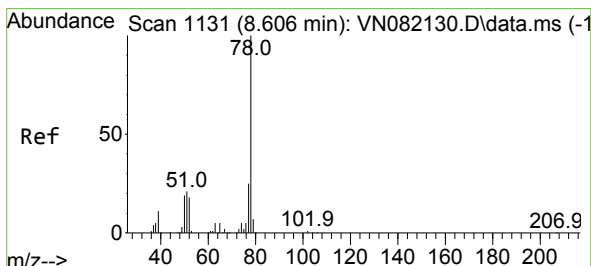
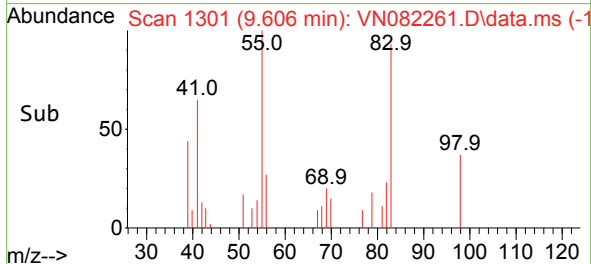
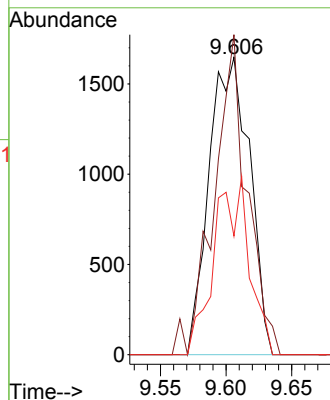
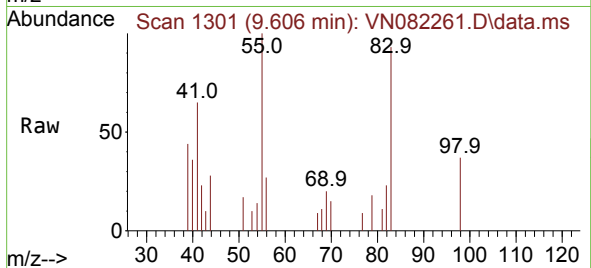




#39  
Methylcyclohexane  
Concen: 1.044 ug/l  
RT: 9.606 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

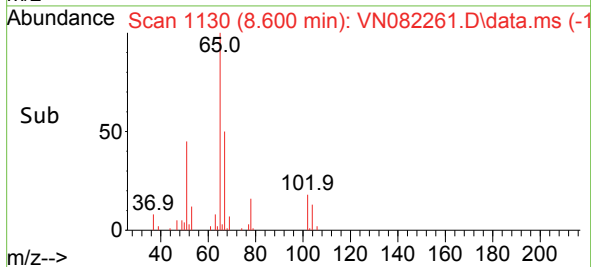
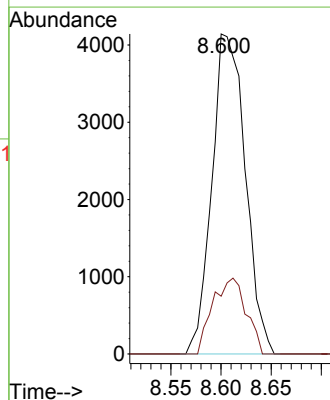
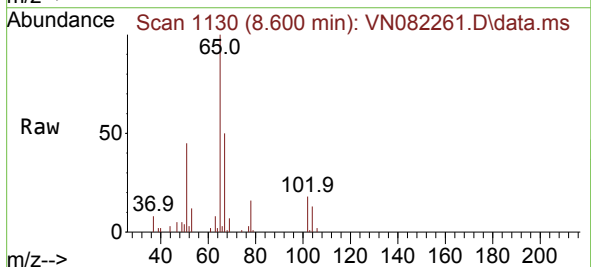
Instrument :  
MSVOA\_N  
ClientSampleId :  
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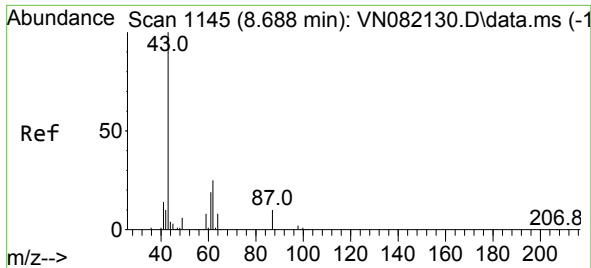
Tgt Ion: 83 Resp: 3539  
Ion Ratio Lower Upper  
83 100  
55 107.6 53.0 79.6#  
98 39.9 37.1 55.7



#40  
Benzene  
Concen: 1.041 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion: 78 Resp: 9598  
Ion Ratio Lower Upper  
78 100  
77 18.1 20.0 30.0#

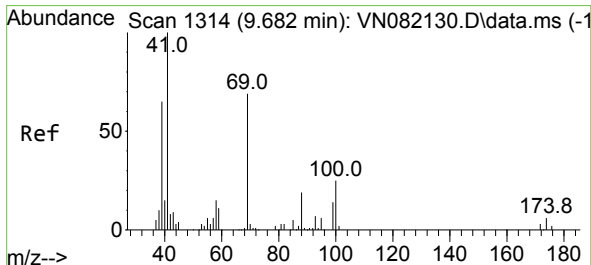
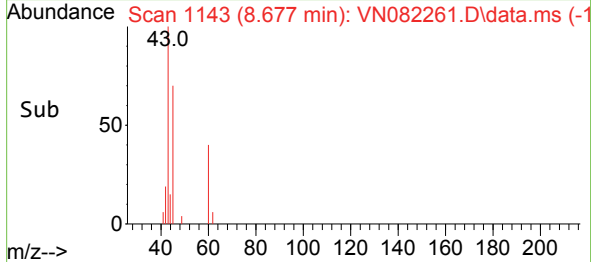
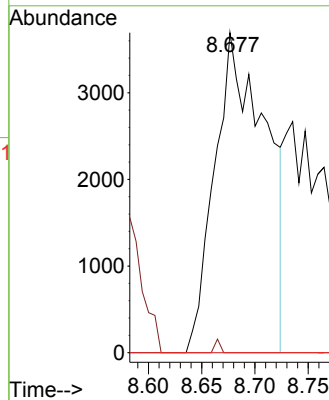
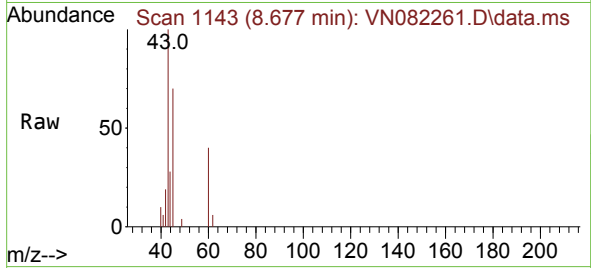




#43  
Isopropyl Acetate  
Concen: 2.002 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.012 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

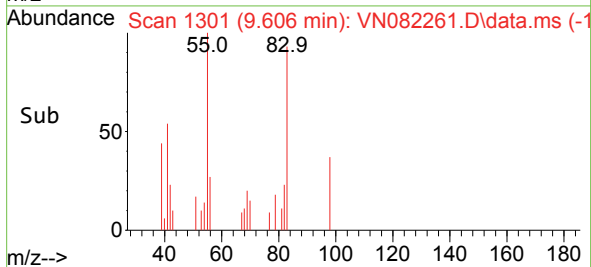
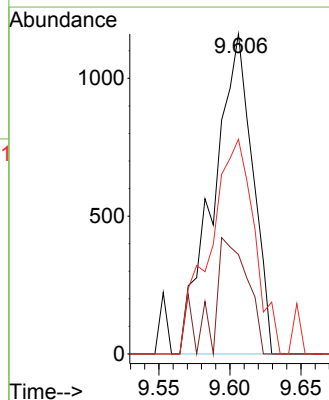
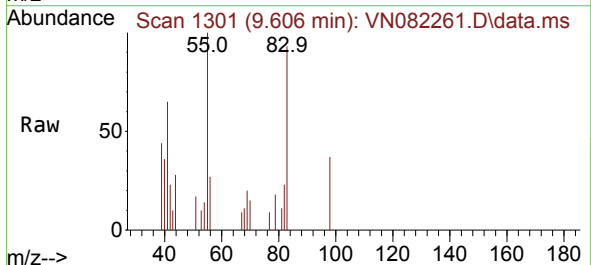
Instrument :  
MSVOA\_N  
ClientSampleId :  
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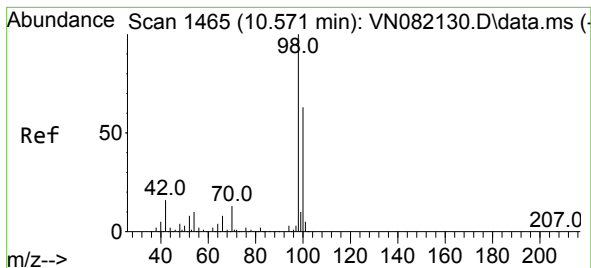
Tgt Ion: 43 Resp: 12271  
Ion Ratio Lower Upper  
43 100  
61 0.0 22.8 34.2#  
87 0.0 12.0 18.0#



#48  
Methyl methacrylate  
Concen: 0.765 ug/l  
RT: 9.606 min Scan# 1301  
Delta R.T. -0.077 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion: 41 Resp: 2233  
Ion Ratio Lower Upper  
41 100  
69 29.1 77.9 116.9#  
39 76.1 50.9 76.3





#50

Toluene-d8

Concen: 54.625 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

Instrument :

MSVOA\_N

ClientSampleId :

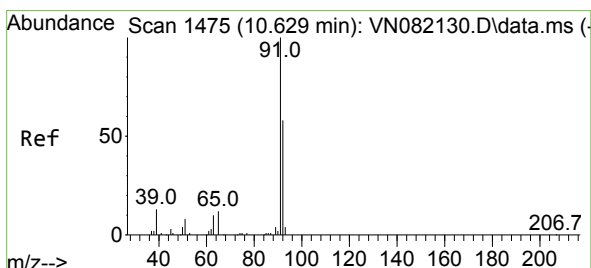
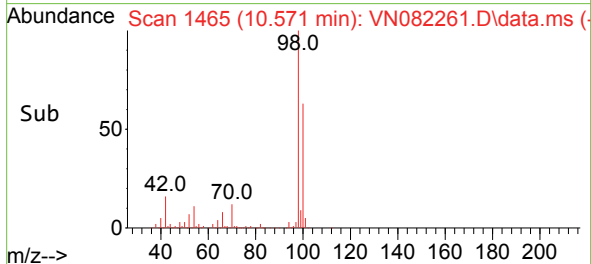
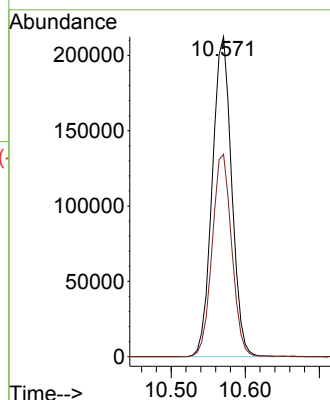
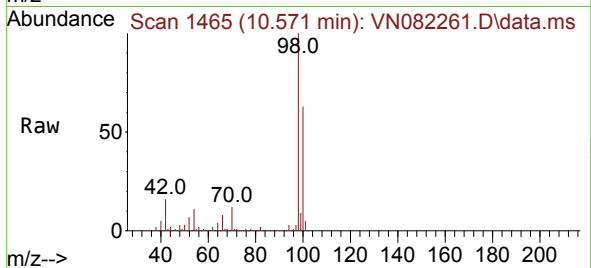
1

Tgt Ion: 98 Resp: 386000

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.6



#52

Toluene

Concen: 2.799 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN082261.D

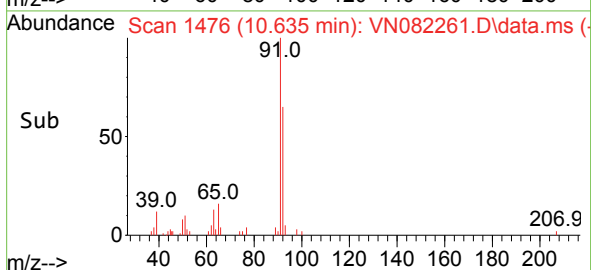
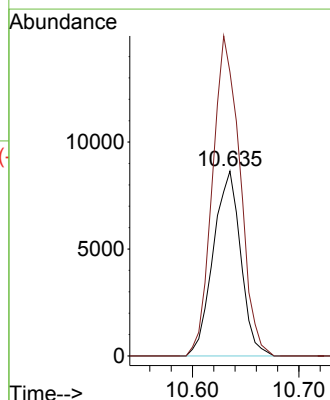
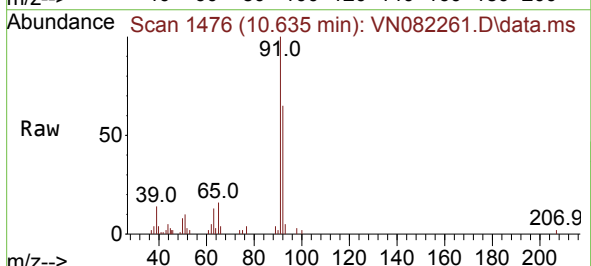
Acq: 22 May 2024 00:20

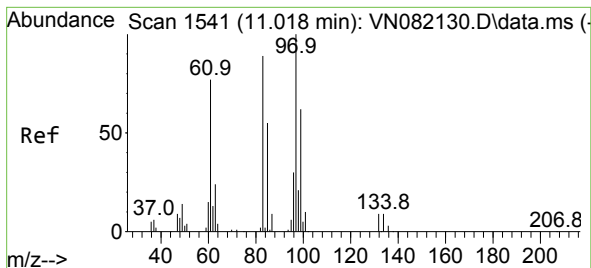
Tgt Ion: 92 Resp: 15482

Ion Ratio Lower Upper

92 100

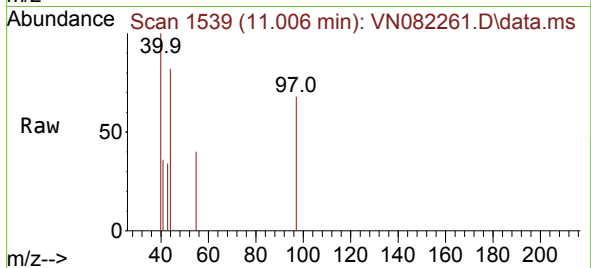
91 173.2 136.7 205.1



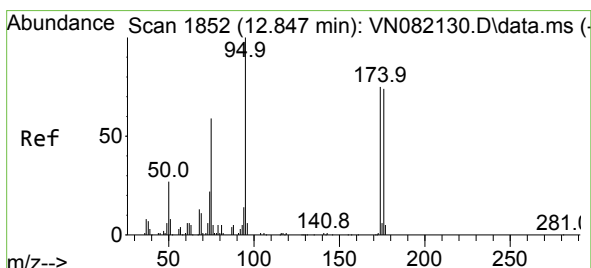
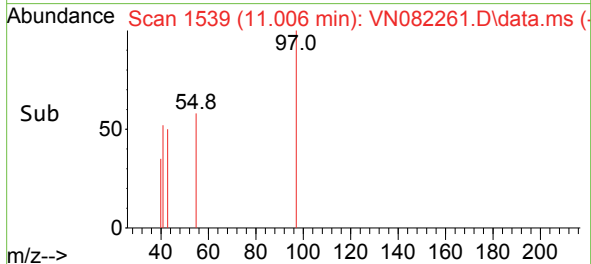
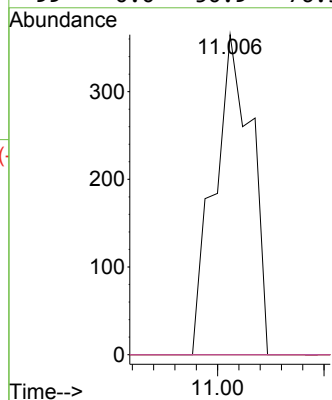


#55  
 1,1,2-Trichloroethane  
 Concen: 0.221 ug/l  
 RT: 11.006 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 1

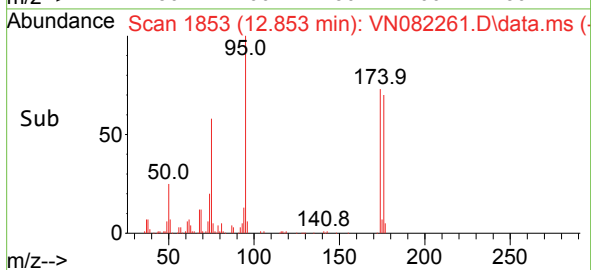
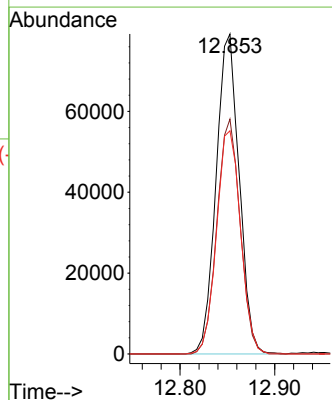
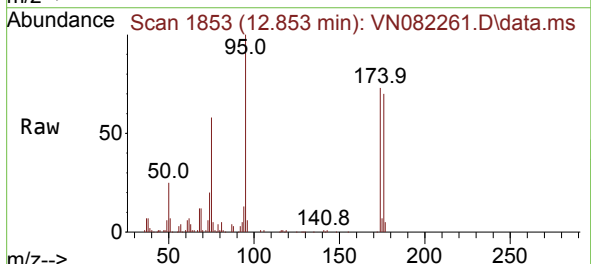


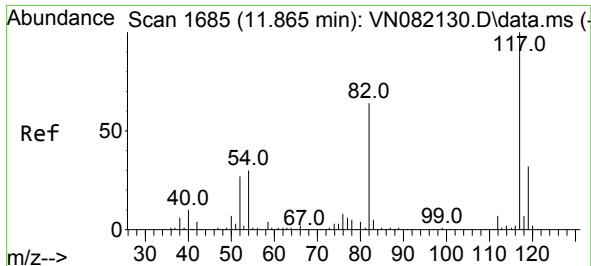
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 444   |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 0.0      | 70.4 105.6# |
| 85 0.0      | 45.6 68.4#  |
| 99 0.0      | 50.9 76.3#  |



#62  
 4-Bromofluorobenzene  
 Concen: 53.210 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.006 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

|             |              |
|-------------|--------------|
| Tgt Ion: 95 | Resp: 134204 |
| Ion Ratio   | Lower Upper  |
| 95 100      |              |
| 174 73.7    | 0.0 160.6    |
| 176 72.5    | 0.0 152.8    |

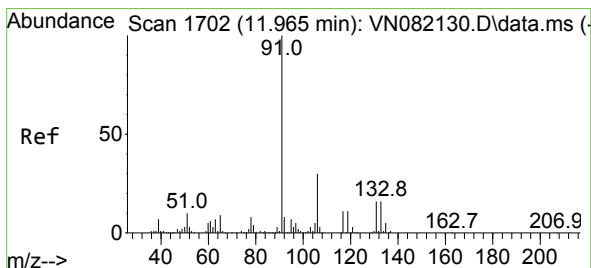
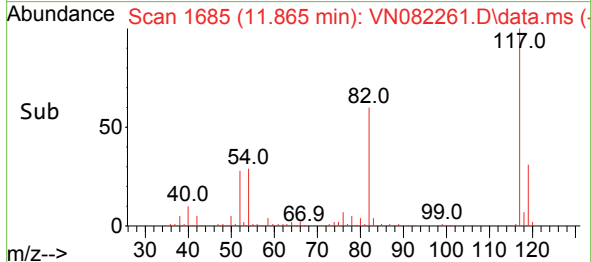
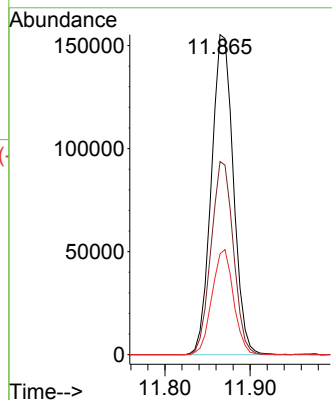
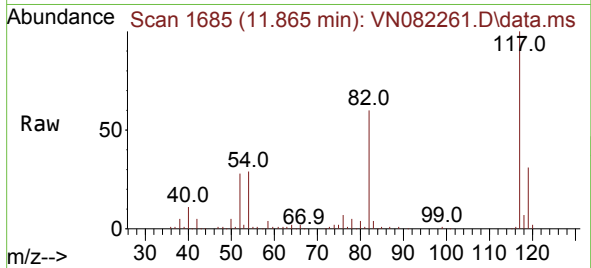




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

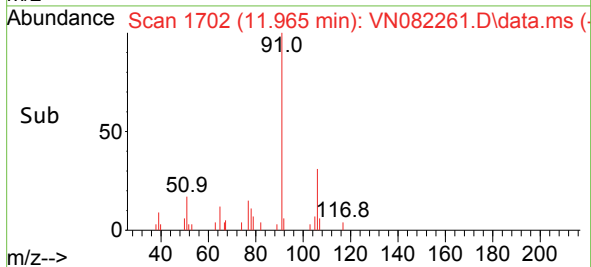
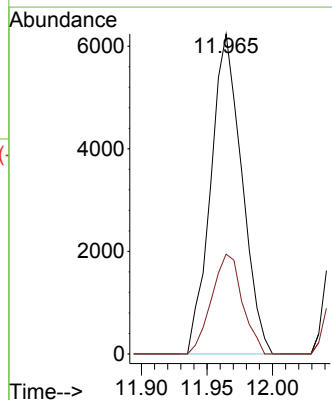
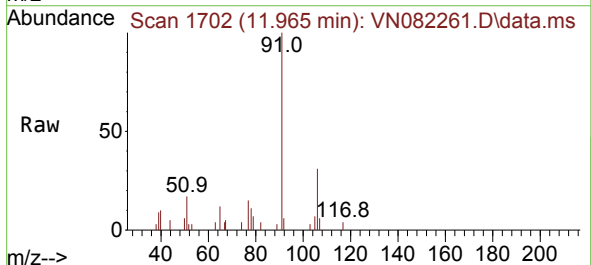
Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 278312  
Ion Ratio Lower Upper  
117 100  
82 60.3 44.6 66.8  
119 31.5 25.9 38.9

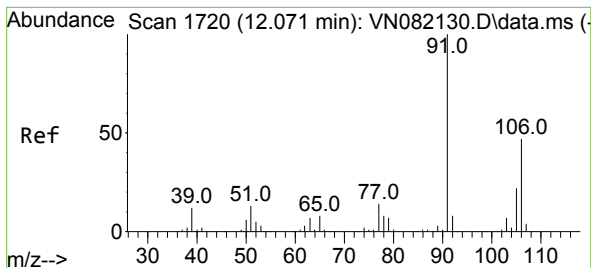


#67  
Ethyl Benzene  
Concen: 0.936 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion: 91 Resp: 10299  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.3 37.9







#68

m/p-Xylenes

Concen: 5.130 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

Instrument :

MSVOA\_N

ClientSampleId :

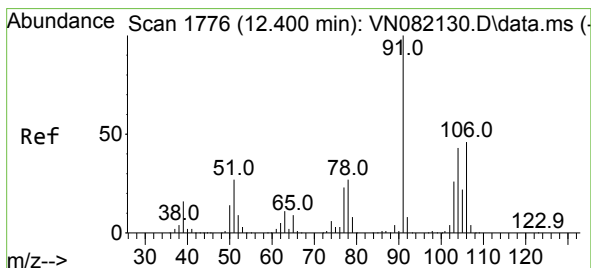
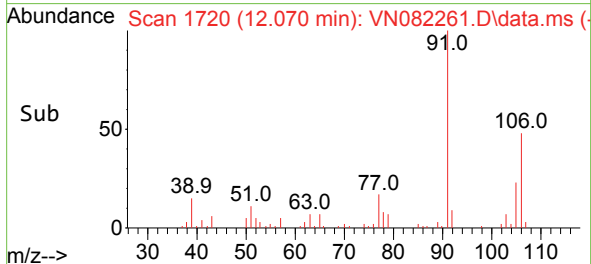
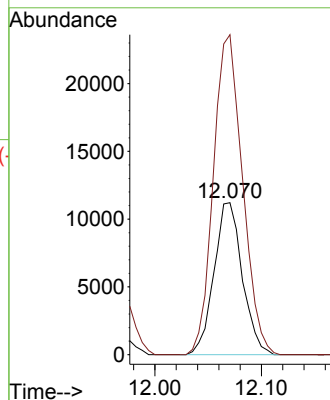
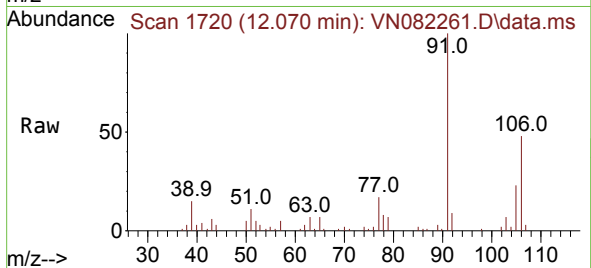
1

Tgt Ion:106 Resp: 20681

Ion Ratio Lower Upper

106 100

91 217.2 159.4 239.0



#69

o-Xylene

Concen: 4.667 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082261.D

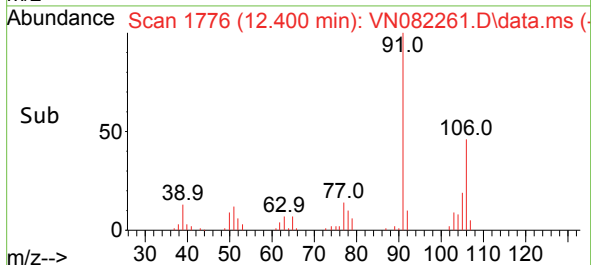
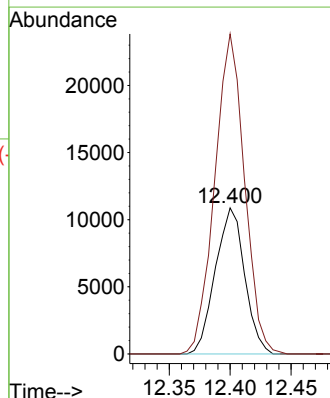
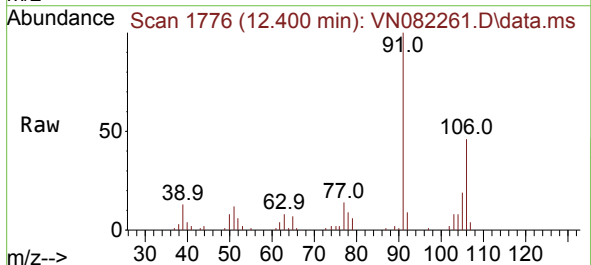
Acq: 22 May 2024 00:20

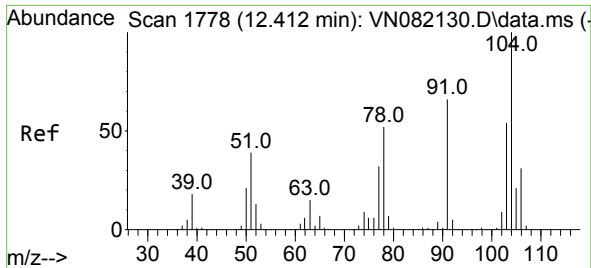
Tgt Ion:106 Resp: 18224

Ion Ratio Lower Upper

106 100

91 222.6 104.7 314.1

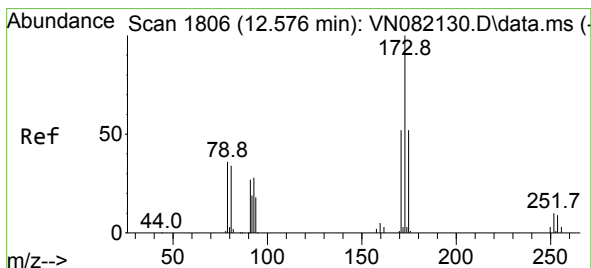
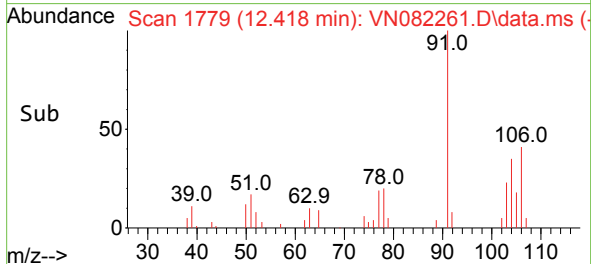
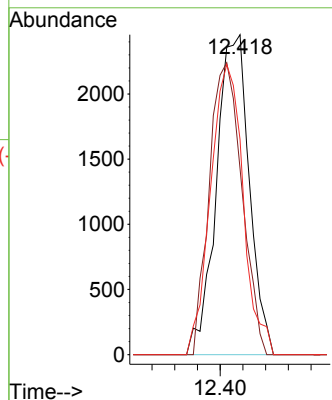
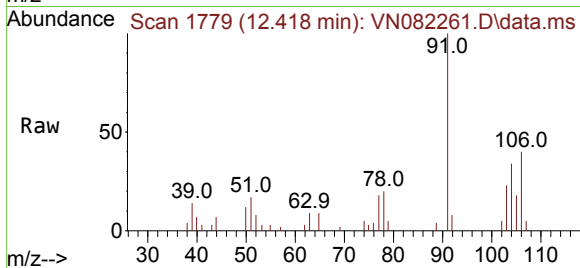




#70  
Styrene  
Concen: 0.762 ug/l  
RT: 12.418 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

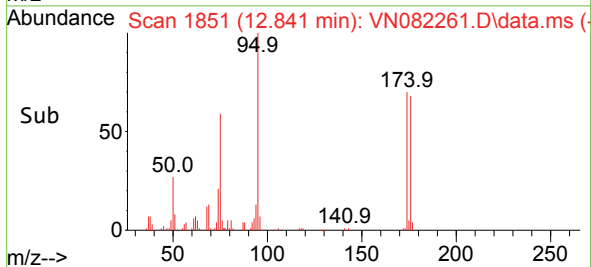
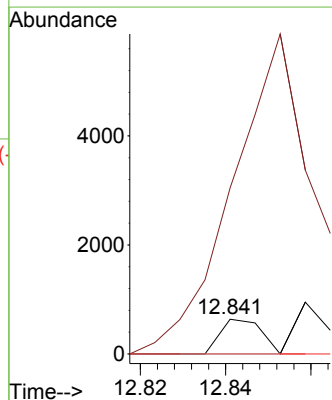
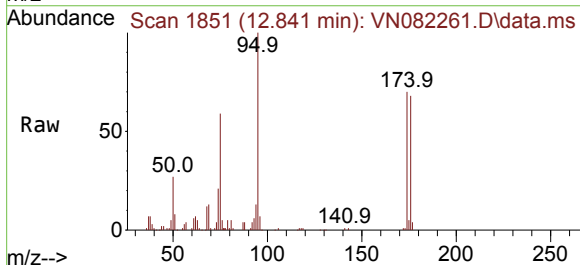
Instrument :  
MSVOA\_N  
ClientSampleId :  
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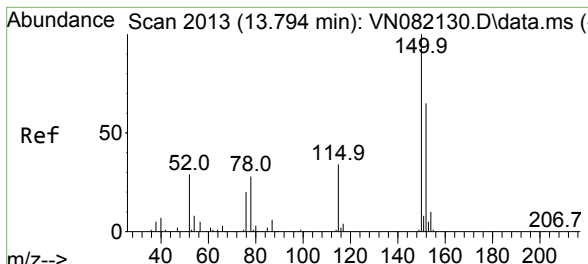
Tgt Ion:104 Resp: 4942  
Ion Ratio Lower Upper  
104 100  
78 90.7 38.6 58.0#  
103 89.9 43.8 65.6#



#71  
Bromoform  
Concen: 0.962 ug/l  
RT: 12.841 min Scan# 1851  
Delta R.T. 0.265 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion:173 Resp: 426  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.6 74.0#  
254 0.0 0.0 0.0

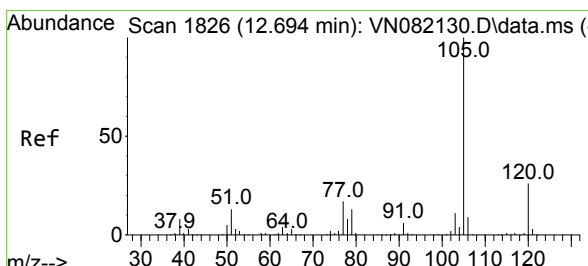
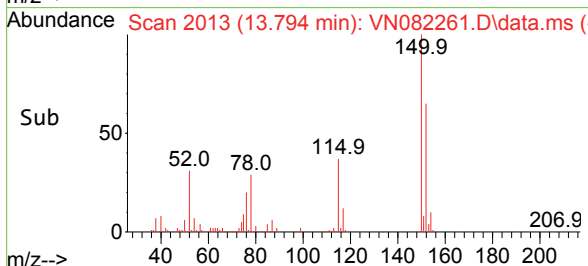
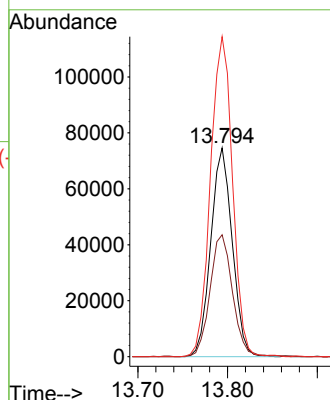
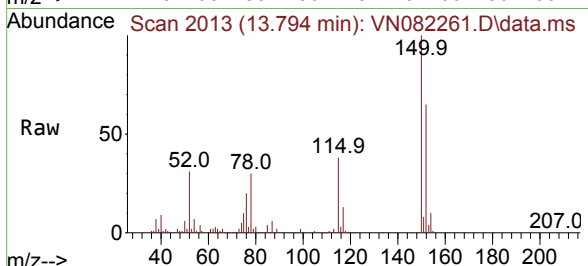




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 2013  
 Delta R.T. -0.000 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

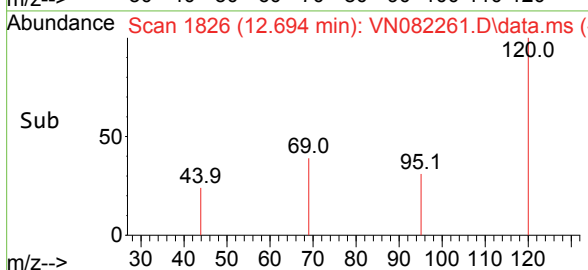
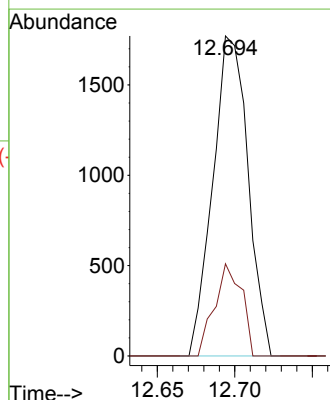
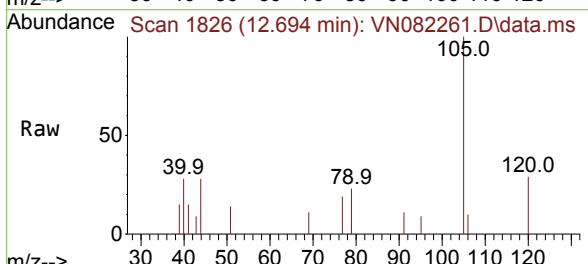
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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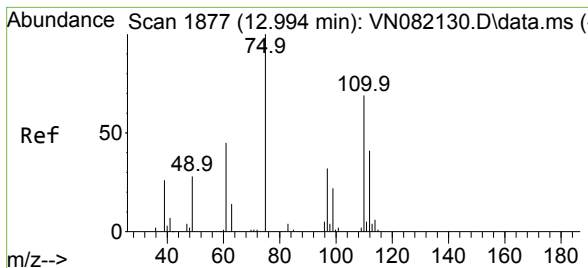
Tgt Ion:152 Resp: 123966  
 Ion Ratio Lower Upper  
 152 100  
 115 61.6 30.4 91.3  
 150 157.2 0.0 353.2



#73  
 Isopropylbenzene  
 Concen: 0.283 ug/l  
 RT: 12.694 min Scan# 1826  
 Delta R.T. -0.000 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

Tgt Ion:105 Resp: 2790  
 Ion Ratio Lower Upper  
 105 100  
 120 22.2 13.4 40.1





#76

1,2,3-Trichloropropane

Concen: 30.160 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

Instrument :

MSVOA\_N

ClientSampleId :

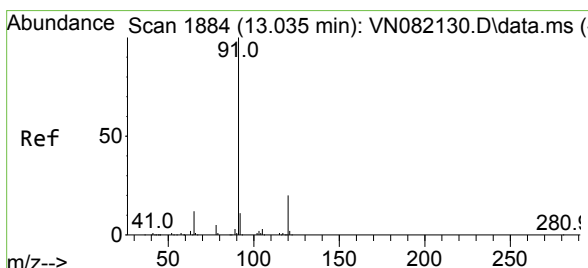
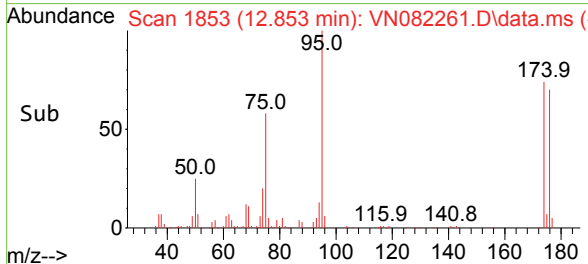
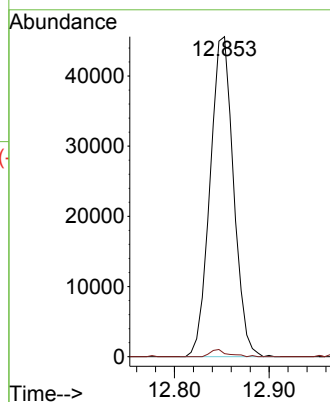
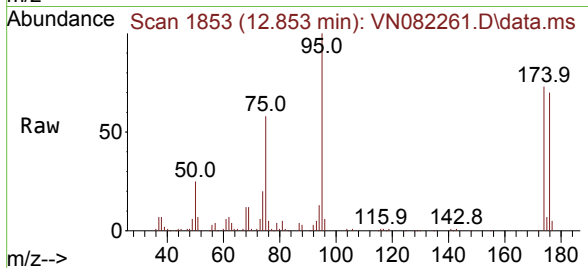
1

Tgt Ion: 75 Resp: 78693

Ion Ratio Lower Upper

75 100

77 1.7 90.5 271.3#



#78

n-propylbenzene

Concen: 0.483 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN082261.D

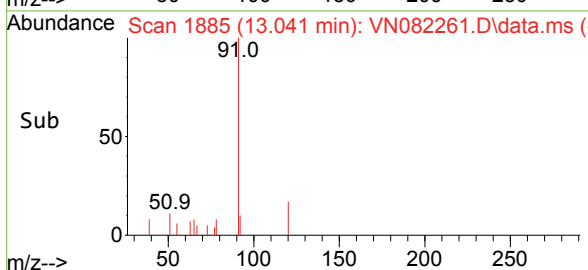
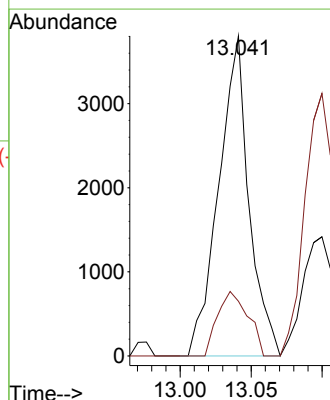
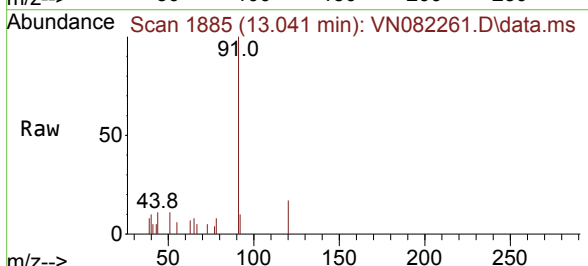
Acq: 22 May 2024 00:20

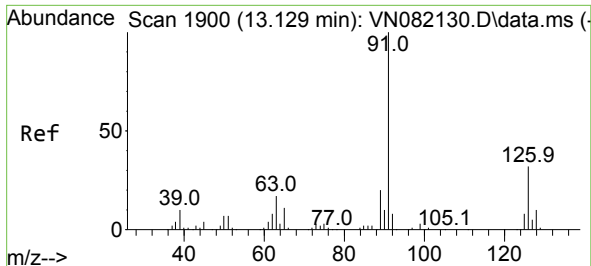
Tgt Ion: 91 Resp: 5633

Ion Ratio Lower Upper

91 100

120 20.3 11.7 35.0

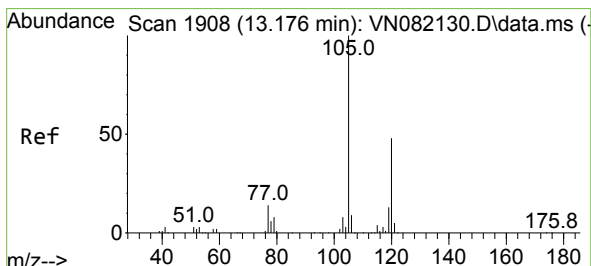
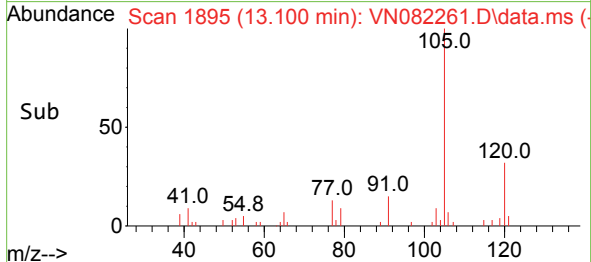
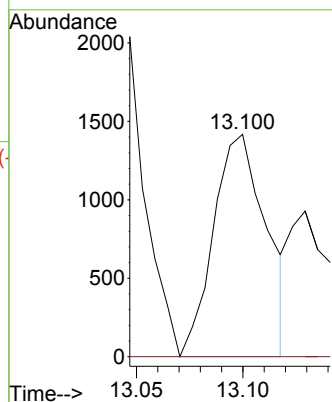
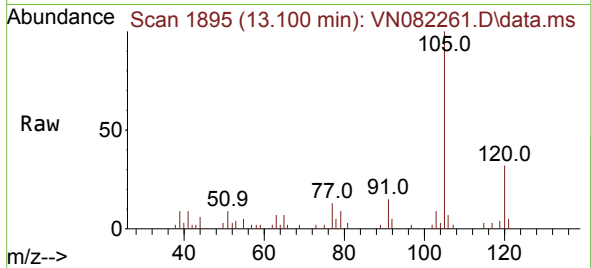




#79  
2-Chlorotoluene  
Concen: 0.333 ug/l  
RT: 13.100 min Scan# 11  
Delta R.T. -0.029 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

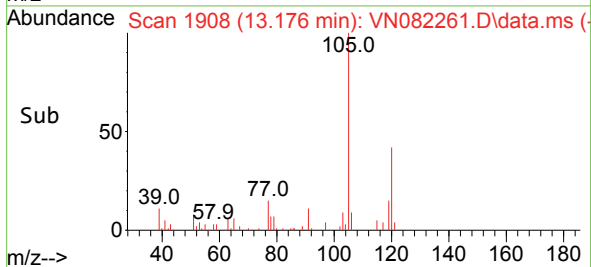
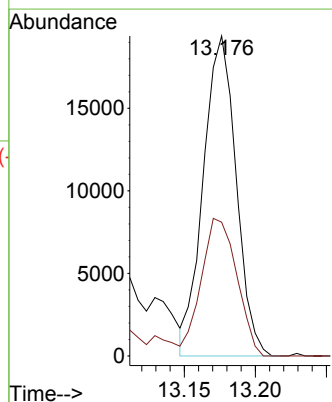
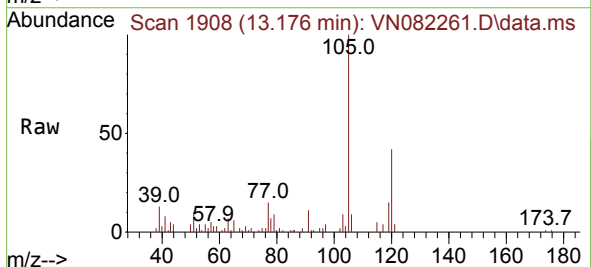
Instrument :  
MSVOA\_N  
ClientSampleId :  
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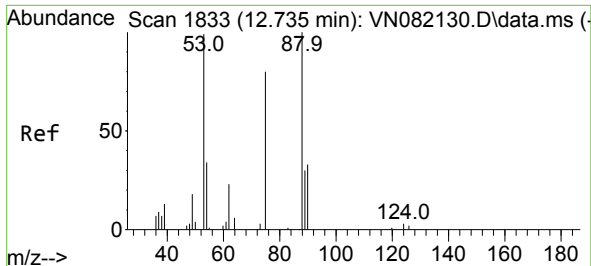
Tgt Ion: 91 Resp: 2437  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.5 52.5#



#80  
1,3,5-Trimethylbenzene  
Concen: 3.910 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion: 105 Resp: 31136  
Ion Ratio Lower Upper  
105 100  
120 46.6 24.8 74.3

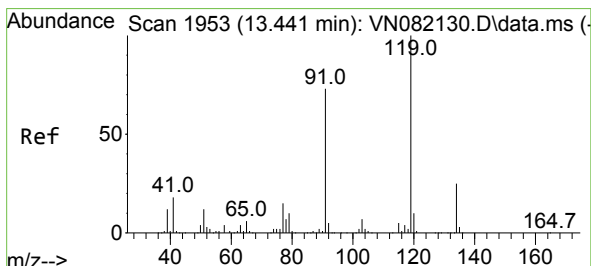
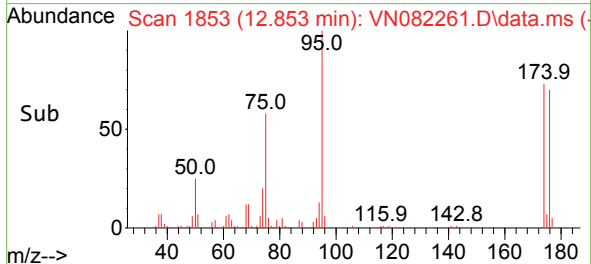
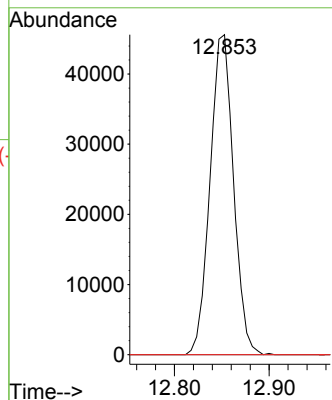
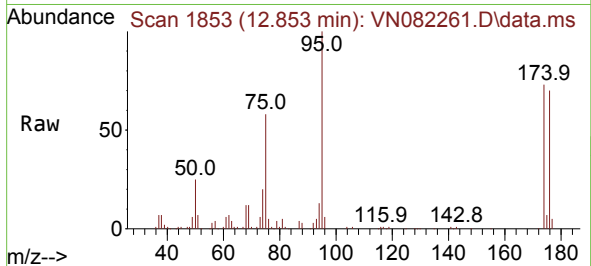




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 70.543 ug/l  
 RT: 12.853 min Scan# 11  
 Delta R.T. 0.118 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

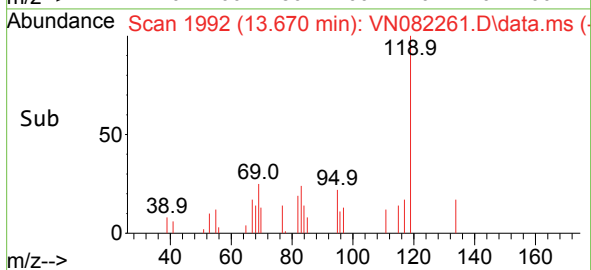
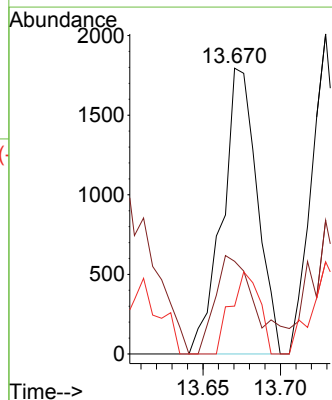
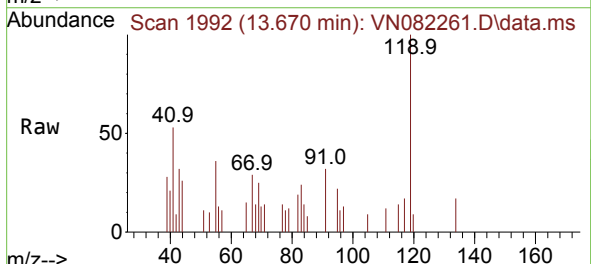
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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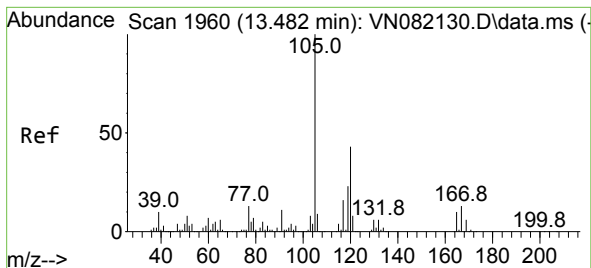
Tgt Ion: 75 Resp: 78693  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 72.9 109.3#  
 89 0.0 39.1 58.7#



#83  
 tert-Butylbenzene  
 Concen: 0.404 ug/l  
 RT: 13.670 min Scan# 1992  
 Delta R.T. 0.229 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

Tgt Ion: 119 Resp: 2813  
 Ion Ratio Lower Upper  
 119 100  
 91 41.7 32.6 97.8  
 134 23.5 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 7.117 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

Instrument :

MSVOA\_N

ClientSampleId :

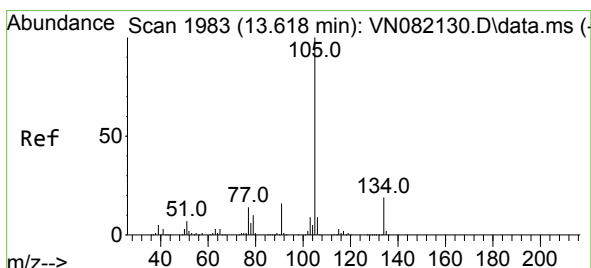
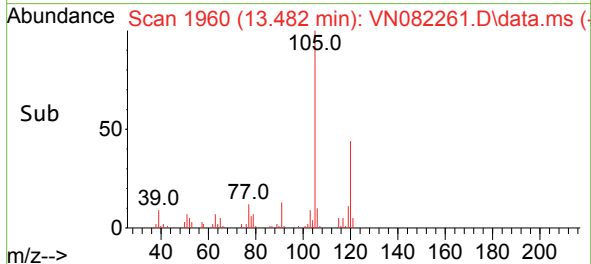
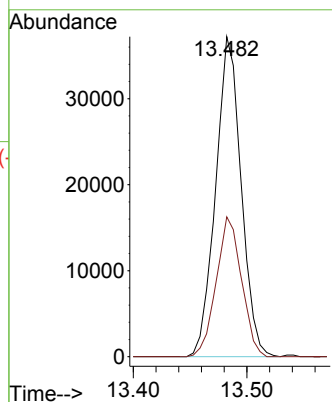
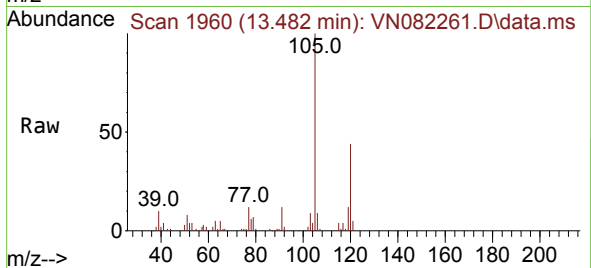
1

Tgt Ion:105 Resp: 57984

Ion Ratio Lower Upper

105 100

120 43.4 22.9 68.7



#85

sec-Butylbenzene

Concen: 0.311 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN082261.D

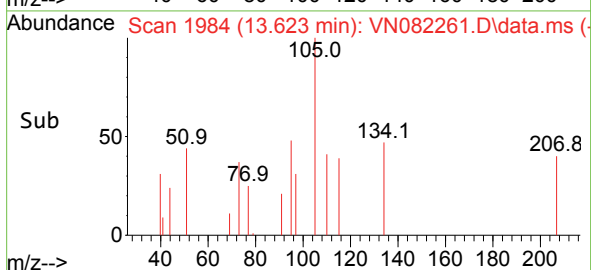
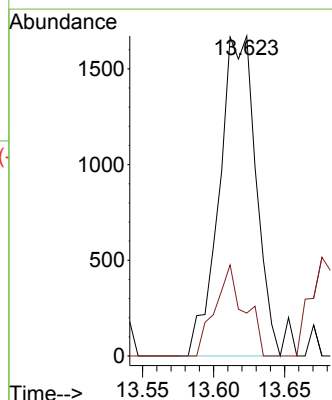
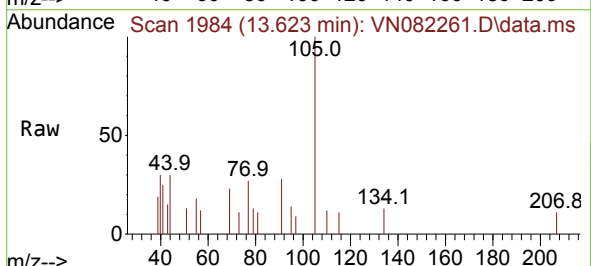
Acq: 22 May 2024 00:20

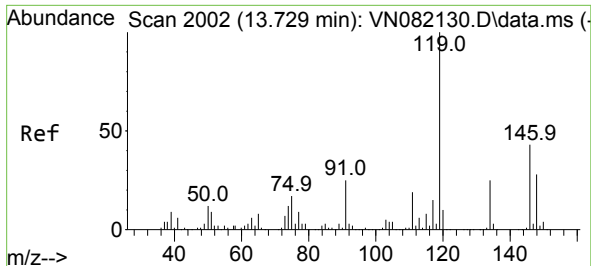
Tgt Ion:105 Resp: 3000

Ion Ratio Lower Upper

105 100

134 22.8 10.2 30.4

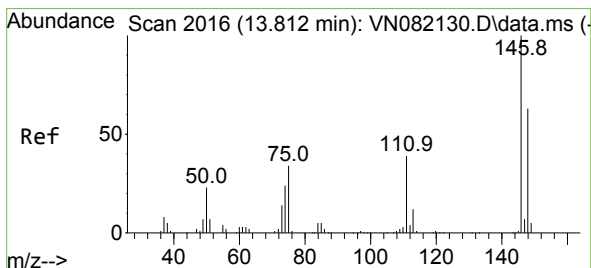
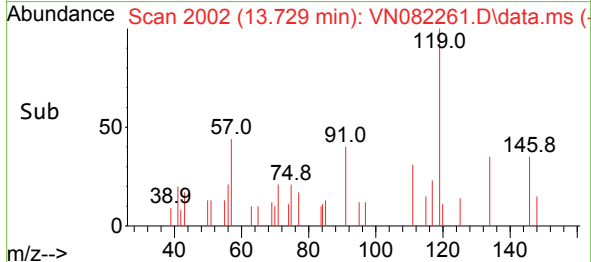
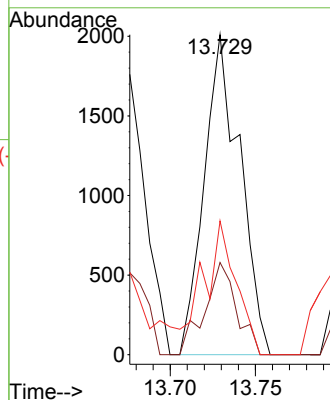
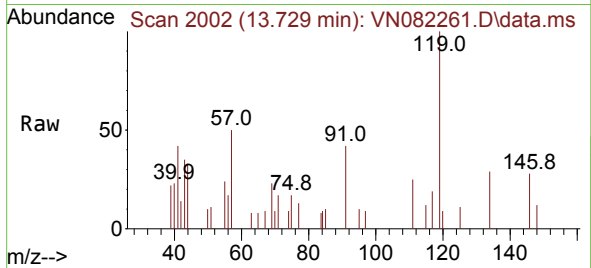




#86  
 p-Isopropyltoluene  
 Concen: 0.373 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

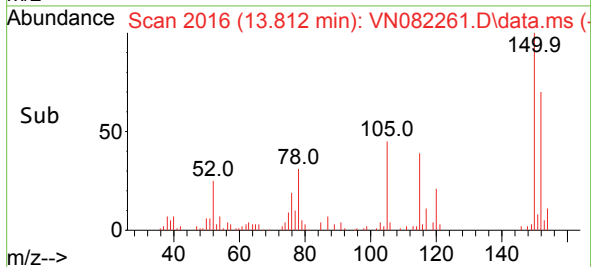
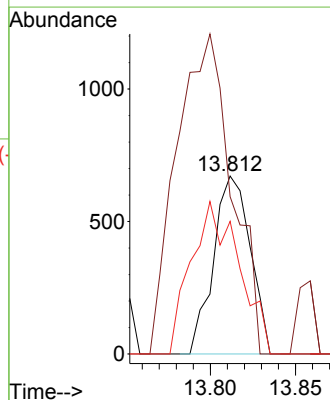
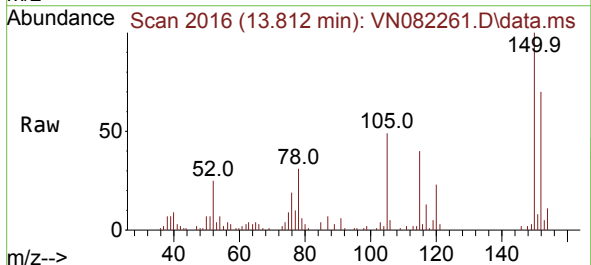
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Tgt Ion:119 Resp: 2927  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.2 39.5  
 91 37.7 11.8 35.3#

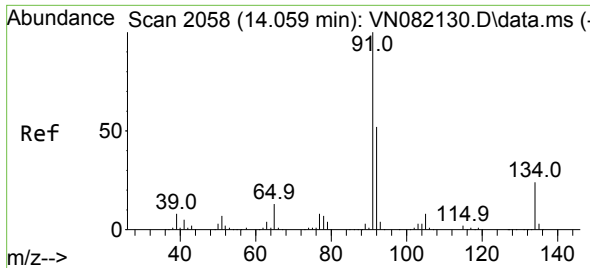


#88  
 1,4-Dichlorobenzene  
 Concen: 0.233 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

Tgt Ion:146 Resp: 1011  
 Ion Ratio Lower Upper  
 146 100  
 111 268.8 19.3 57.9#  
 148 111.3 31.3 93.9#



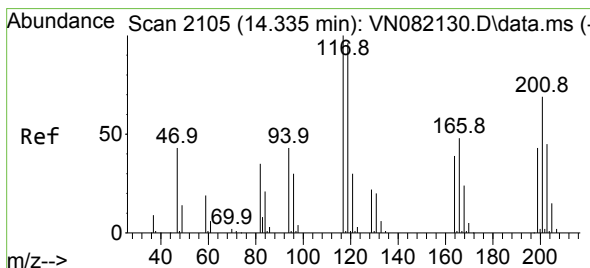
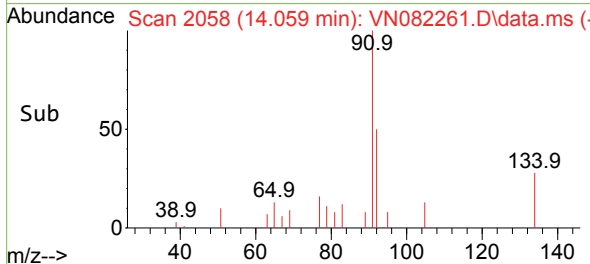
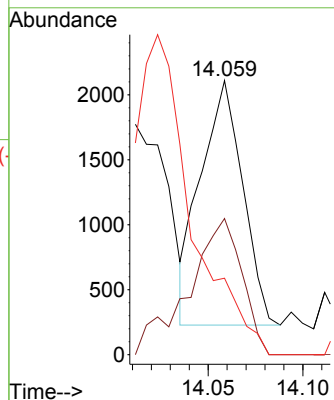
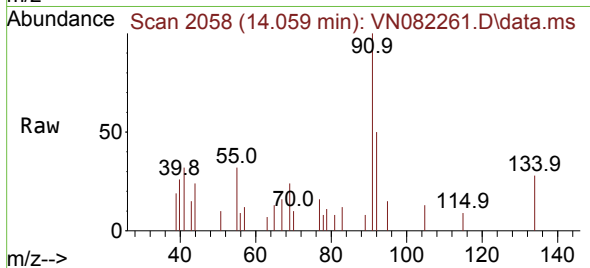




#89  
n-Butylbenzene  
Concen: 0.413 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

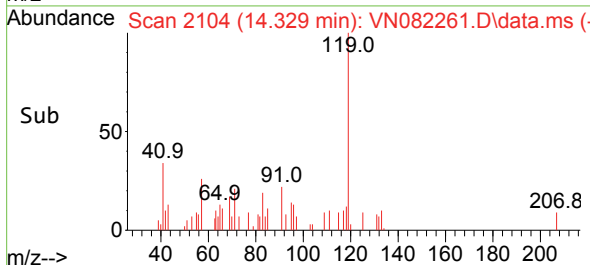
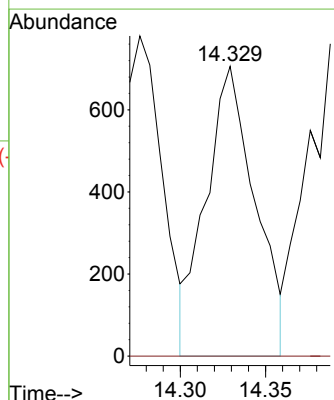
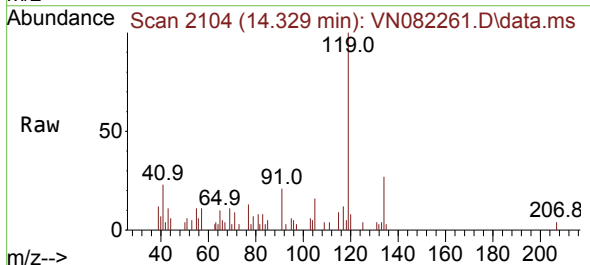
Instrument :  
MSVOA\_N  
ClientSampleId :  
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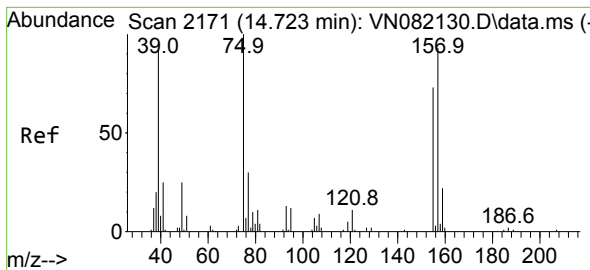
Tgt Ion: 91 Resp: 2910  
Ion Ratio Lower Upper  
91 100  
92 72.9 26.2 78.5  
134 0.0 13.2 39.5#



#90  
Hexachloroethane  
Concen: 0.975 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.006 min  
Lab File: VN082261.D  
Acq: 22 May 2024 00:20

Tgt Ion: 117 Resp: 1417  
Ion Ratio Lower Upper  
117 100  
201 0.0 33.3 99.8#

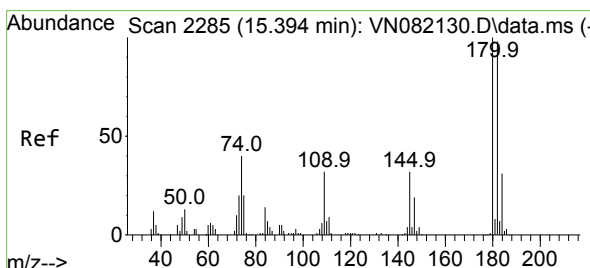
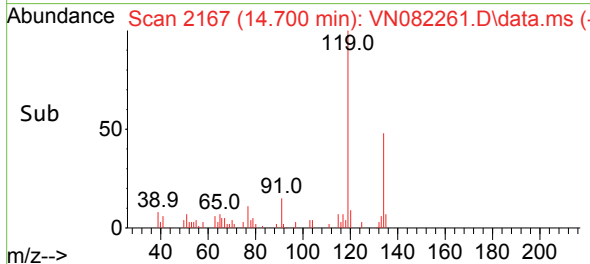
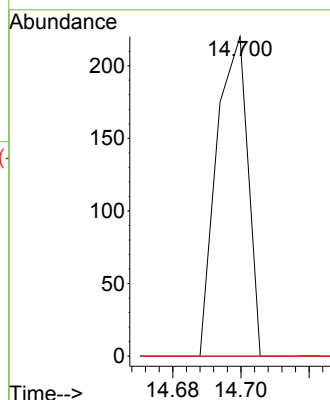
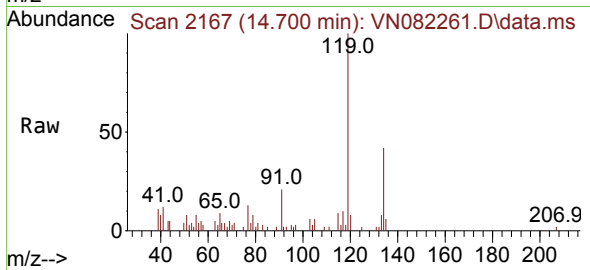




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.238 ug/l  
 RT: 14.700 min Scan# 2171  
 Delta R.T. -0.024 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

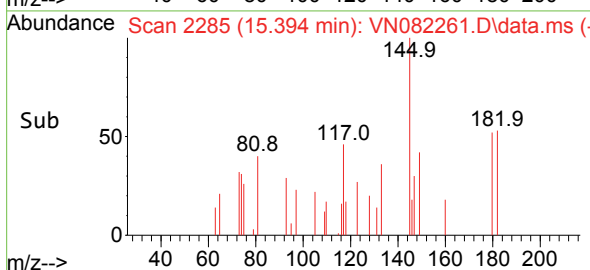
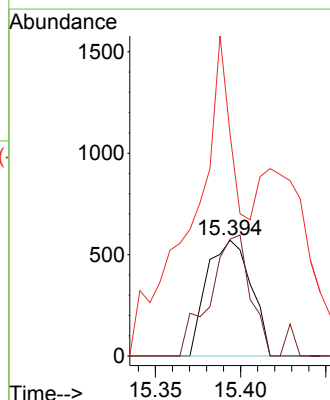
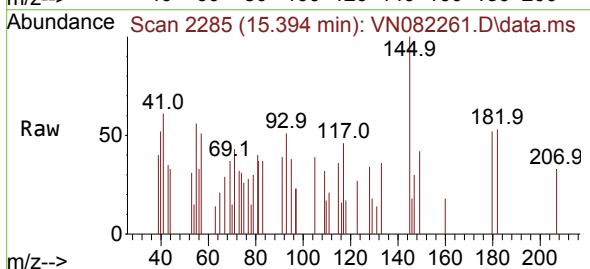
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 MSVOA\_N  
 ClientSampleId :  
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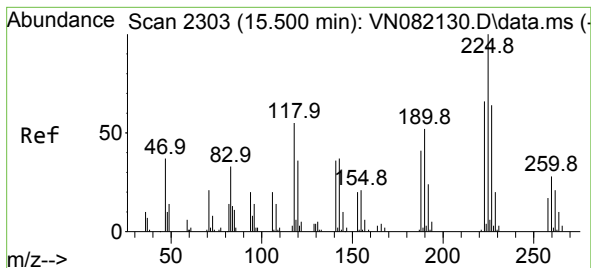
Tgt Ion: 75 Resp: 139  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 42.6 128.0#  
 157 0.0 53.0 159.0#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.457 ug/l  
 RT: 15.394 min Scan# 2285  
 Delta R.T. -0.000 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

Tgt Ion: 180 Resp: 1030  
 Ion Ratio Lower Upper  
 180 100  
 182 95.6 46.7 140.0  
 145 286.9 16.2 48.6#





#94

Hexachlorobutadiene

Concen: 0.425 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

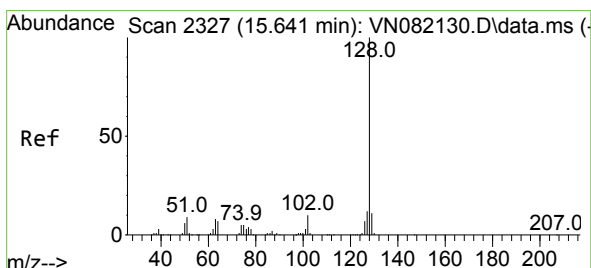
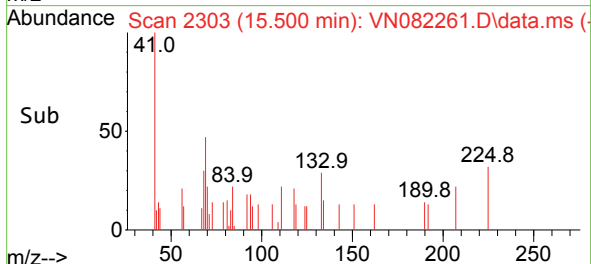
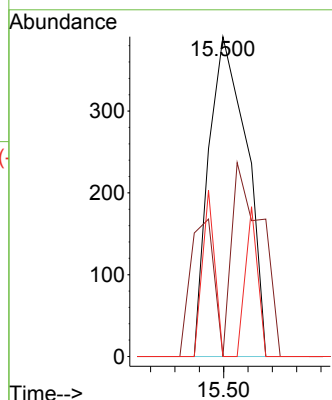
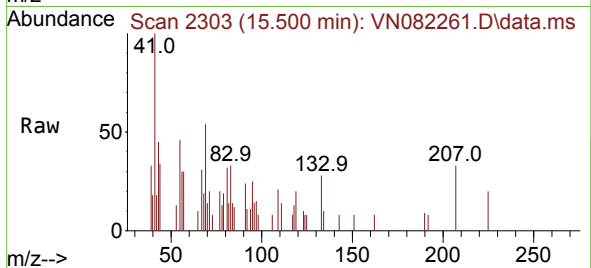
Instrument :

MSVOA\_N

ClientSampleId :

1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 421   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 47.7  | 31.1  | 93.2  |
| 227      | 15.4  | 30.6  | 91.6  |



#95

Naphthalene

Concen: 116.011 ug/l

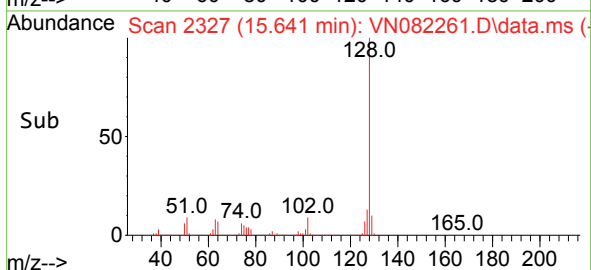
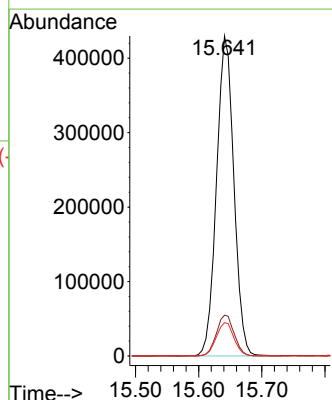
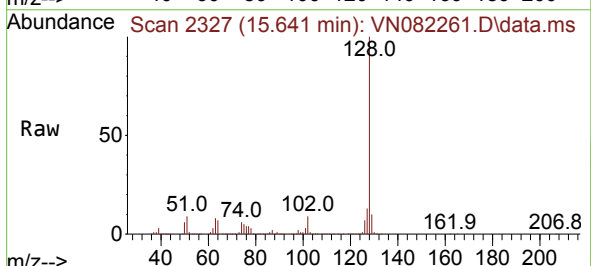
RT: 15.641 min Scan# 2327

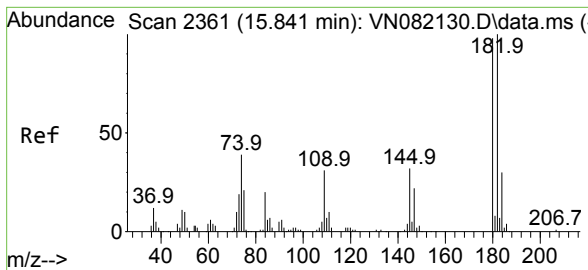
Delta R.T. -0.000 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

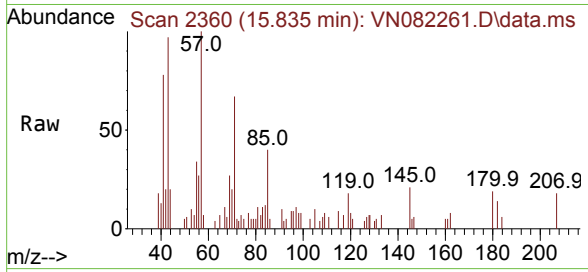
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 820223 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.1  | 10.1  | 15.1   |
| 129      | 10.7  | 8.9   | 13.3   |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.503 ug/l  
 RT: 15.835 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN082261.D  
 Acq: 22 May 2024 00:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 1



Tgt Ion:180 Resp: 1136  
 Ion Ratio Lower Upper  
 180 100  
 182 91.3 46.0 137.8  
 145 194.6 17.1 51.3#

