

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020724\  
 Data File : VN080938.D  
 Acq On : 07 Feb 2024 16:03  
 Operator : JC\MD  
 Sample : PB158850ZHE#02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB158850ZHE#02

Quant Time: Feb 08 00:27:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 07 06:22:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|--------|----------|
| -----                         |           |       |          |           |        |          |
| Internal Standards            |           |       |          |           |        |          |
| 1) Pentafluorobenzene         | 8.230     | 168   | 263349   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106     | 114   | 711864   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.871    | 117   | 709944   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794    | 152   | 299042   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |           |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.583     | 65    | 192070   | 57.815    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 74 - 125 | Recovery  | =      | 115.620% |
| 35) Dibromofluoromethane      | 8.165     | 113   | 180849   | 47.344    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery  | =      | 94.680%  |
| 50) Toluene-d8                | 10.571    | 98    | 753805   | 54.557    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 86 - 113 | Recovery  | =      | 109.120% |
| 62) 4-Bromofluorobenzene      | 12.853    | 95    | 295421   | 58.857    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery  | =      | 117.720% |
| Target Compounds              |           |       |          |           |        |          |
|                               |           |       |          |           | Qvalue |          |
| 3) Chloromethane              | 2.359     | 50    | 3155     | Below Cal | #      | 80       |
| 5) Bromomethane               | 2.965     | 94    | 846      | 0.337     | ug/l # | 47       |
| 6) Chloroethane               | 3.118     | 64    | 585      | 0.213     | ug/l # | 42       |
| 10) Methyl Iodide             | 4.595     | 142   | 952      | 0.343     | ug/l # | 77       |
| 11) Tert butyl alcohol        | 5.518     | 59    | 806      | 1.761     | ug/l   | 99       |
| 13) Acrolein                  | 4.171     | 56    | 237      | 0.411     | ug/l   | 94       |
| 16) Acetone                   | 4.430     | 43    | 34268    | 31.353    | ug/l   | 100      |
| 18) Methyl Acetate            | 5.030     | 43    | 4219     | Below Cal |        | 96       |
| 20) Methylene Chloride        | 5.277     | 84    | 22369    | 6.755     | ug/l # | 71       |
| 25) 2-Butanone                | 7.489     | 43    | 9837     | 5.607     | ug/l # | 79       |
| 27) cis-1,2-Dichloroethene    | 7.489     | 96    | 813      | 0.221     | ug/l   | 64       |
| 29) Tetrahydrofuran           | 7.847     | 42    | 2056     | 1.917     | ug/l # | 80       |
| 31) Cyclohexane               | 8.230     | 56    | 7158     | 1.577     | ug/l # | 16       |
| 36) 1,1-Dichloropropene       | 8.224     | 75    | 23331    | 4.106     | ug/l # | 49       |
| 37) Ethyl Acetate             | 7.571     | 43    | 9543     | 2.219     | ug/l # | 83       |
| 38) Carbon Tetrachloride      | 8.224     | 117   | 29943    | 5.140     | ug/l # | 17       |
| 42) 1,2-Dichloroethane        | 8.683     | 62    | 2409     | 0.400     | ug/l # | 75       |
| 43) Isopropyl Acetate         | 8.694     | 43    | 234102   | 29.607    | ug/l # | 90       |
| 44) Trichloroethene           | 9.347     | 130   | 1428     | 0.272     | ug/l   | 34       |
| 48) Methyl methacrylate       | 9.671     | 41    | 7053     | 1.583     | ug/l # | 47       |
| 49) 1,4-Dioxane               | 9.683     | 88    | 204      | 2.480     | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.453    | 43    | 12734    | 2.672     | ug/l   | 100      |
| 52) Toluene                   | 10.635    | 92    | 4202     | 0.363     | ug/l   | 78       |
| 54) cis-1,3-Dichloropropene   | 10.359    | 75    | 103442   | 14.108    | ug/l # | 57       |
| 57) 1,3-Dichloropropane       | 11.206    | 76    | 10586    | 1.457     | ug/l # | 43       |
| 59) 2-Hexanone                | 11.171    | 43    | 179957   | 49.828    | ug/l # | 26       |
| 65) Chlorobenzene             | 11.900    | 112   | 3619     | 0.243     | ug/l   | 92       |
| 76) 1,2,3-Trichloropropane    | 12.847    | 75    | 155665   | 25.530    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.847    | 75    | 155665   | 69.362    | ug/l # | 14       |
| 87) 1,3-Dichlorobenzene       | 13.735    | 146   | 4325     | 0.414     | ug/l   | 89       |
| 88) 1,4-Dichlorobenzene       | 13.735    | 146   | 4325     | 0.408     | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 14.106    | 146   | 3306     | 0.330     | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.735    | 75    | 923      | 0.682     | ug/l # | 65       |
| 95) Naphthalene               | 15.647    | 128   | 31699    | 1.938     | ug/l   | 97       |
| -----                         |           |       |          |           |        |          |

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Operator : JC\MD  
Sample : PB158850ZHE#02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

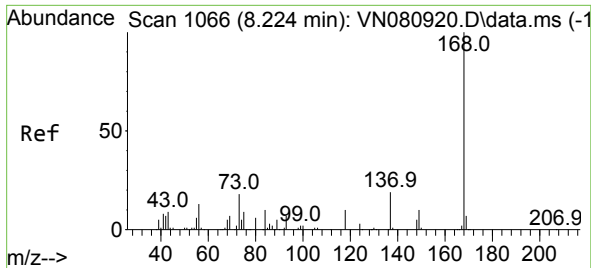
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

Quant Time: Feb 08 00:27:12 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 07 06:22:23 2024  
Response via : Initial Calibration

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

Quant Time: Feb 08 00:27:12 2024  
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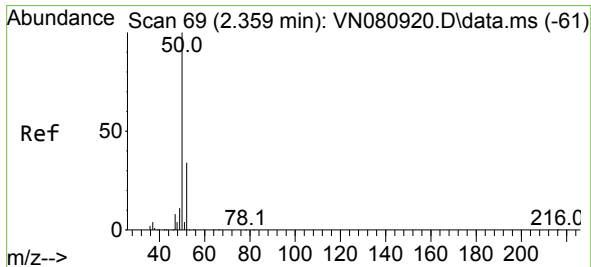
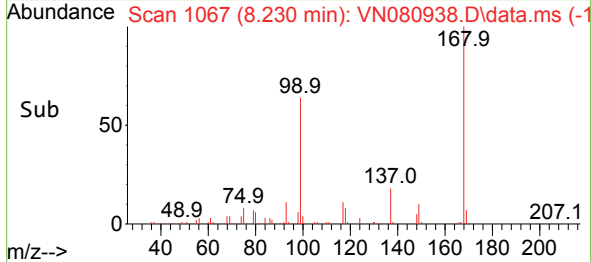
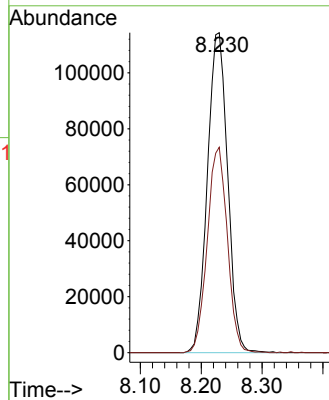
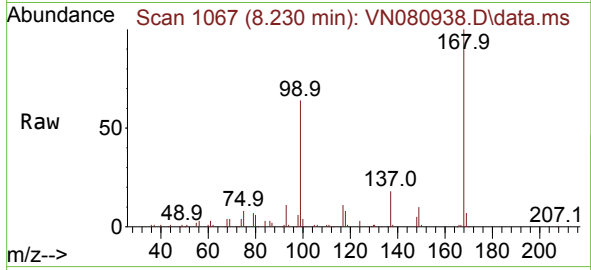




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

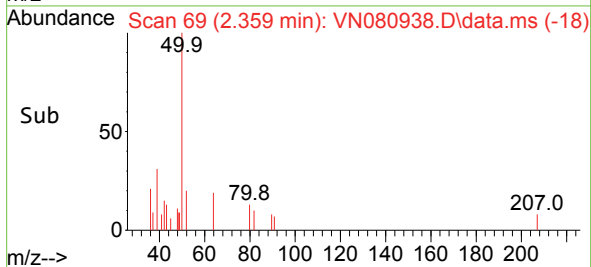
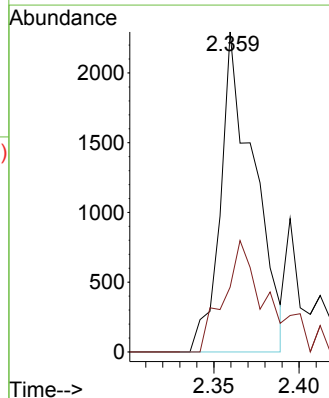
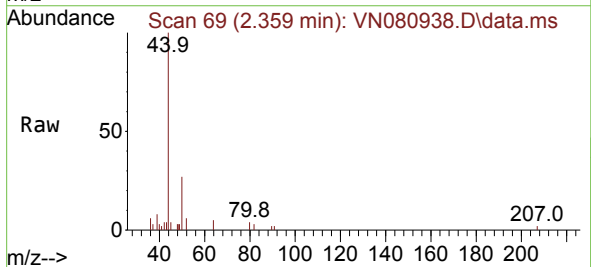
Instrument :  
MSVOA\_N  
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PB158850ZHE#02

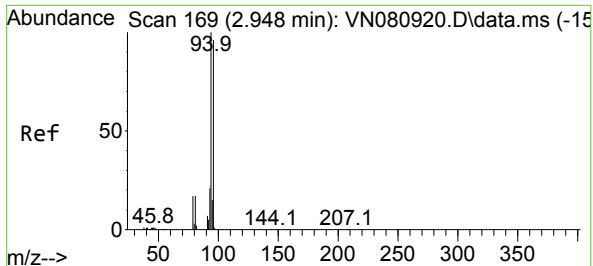
Tgt Ion:168 Resp: 263349  
Ion Ratio Lower Upper  
168 100  
99 64.2 59.9 89.9



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 50 Resp: 3155  
Ion Ratio Lower Upper  
50 100  
52 20.3 25.0 37.4#

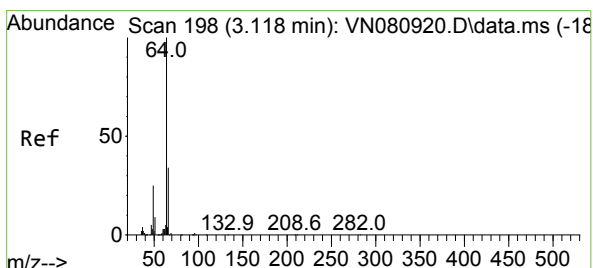
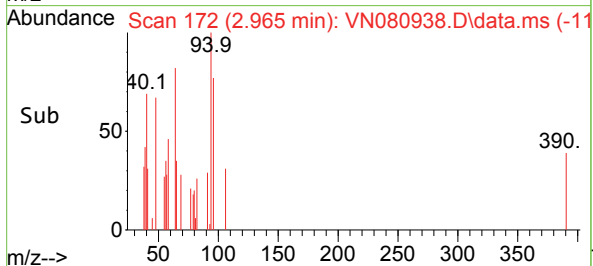
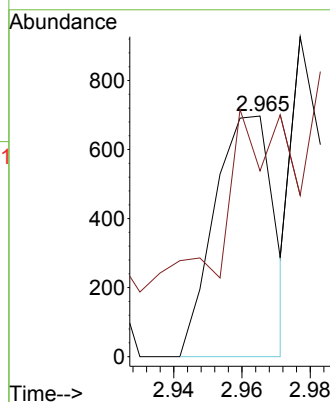
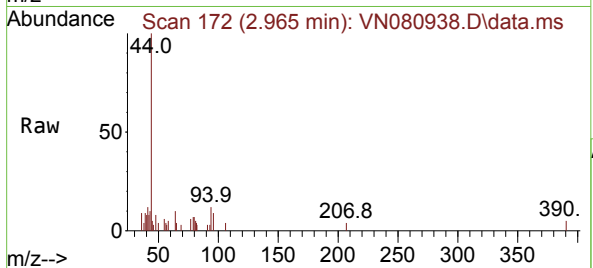




#5  
Bromomethane  
Concen: 0.337 ug/l  
RT: 2.965 min Scan# 172  
Delta R.T. 0.018 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

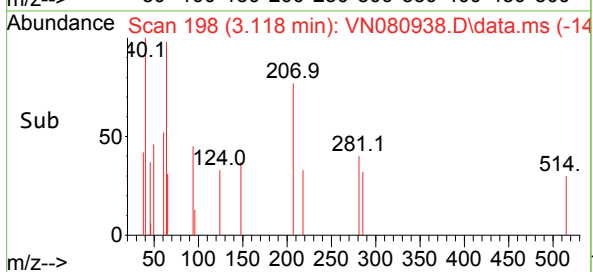
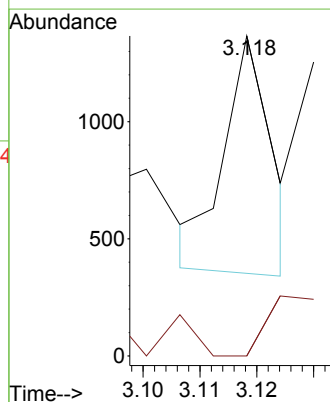
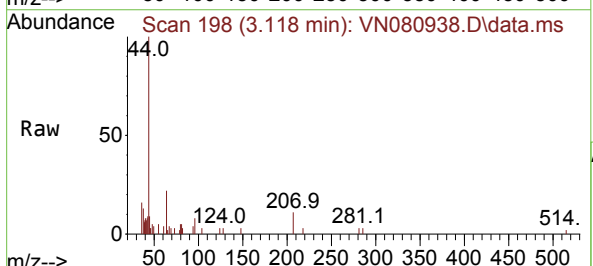
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

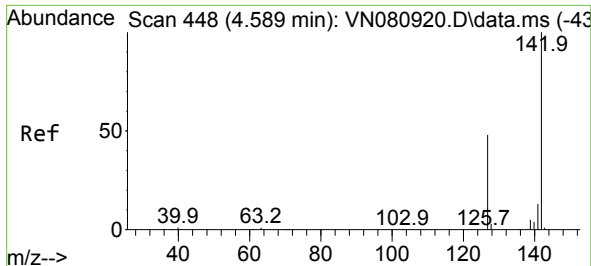
Tgt Ion: 94 Resp: 846  
Ion Ratio Lower Upper  
94 100  
96 37.3 69.2 103.8#



#6  
Chloroethane  
Concen: 0.213 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.000 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

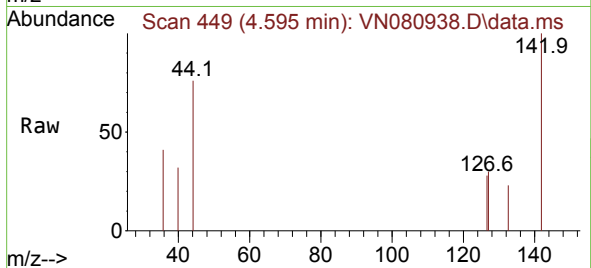
Tgt Ion: 64 Resp: 585  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.4 39.6#



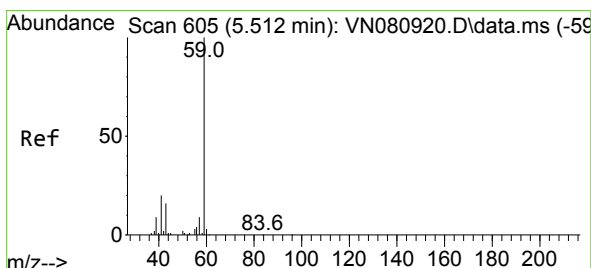
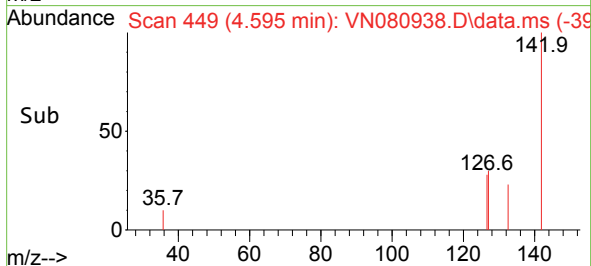
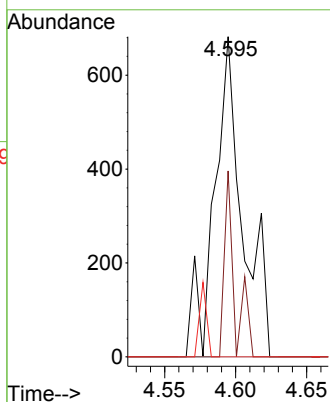


#10  
Methyl Iodide  
Concen: 0.343 ug/l  
RT: 4.595 min Scan# 448  
Delta R.T. 0.006 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

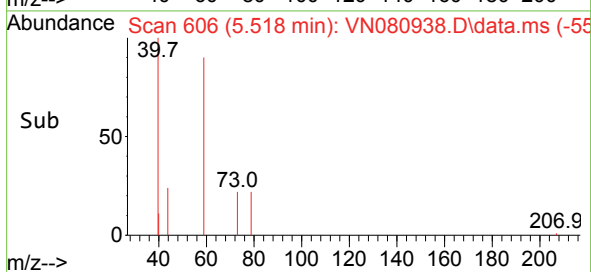
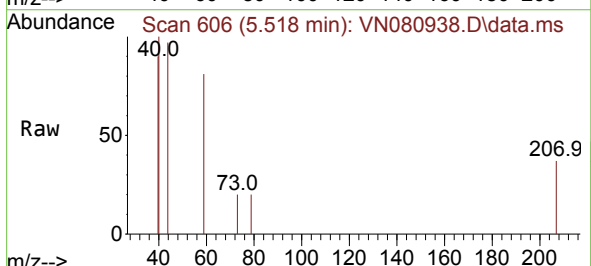
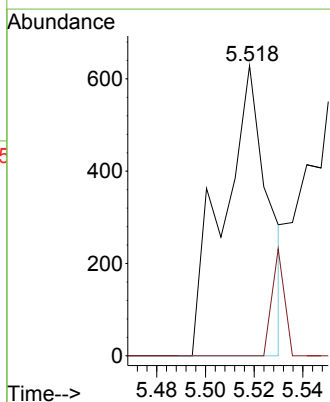


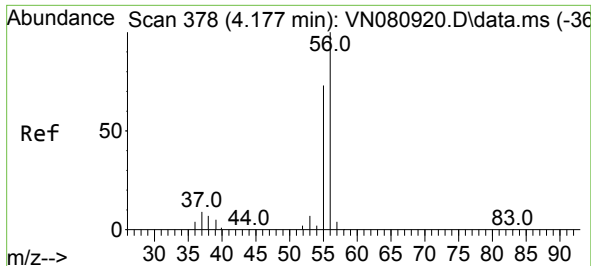
Tgt Ion:142 Resp: 952  
Ion Ratio Lower Upper  
142 100  
127 58.1 37.0 55.4#  
141 0.0 12.5 18.7#



#11  
Tert butyl alcohol  
Concen: 1.761 ug/l  
RT: 5.518 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 59 Resp: 806  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.6 12.8

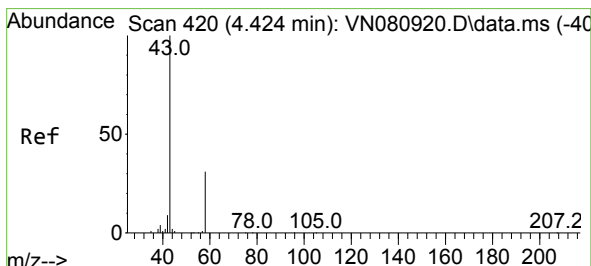
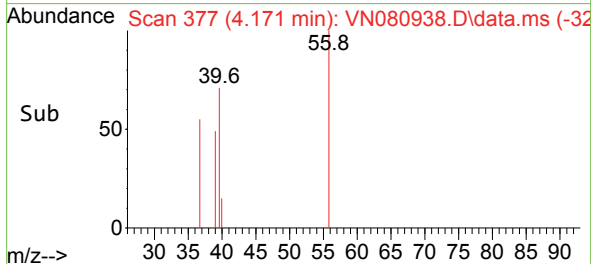
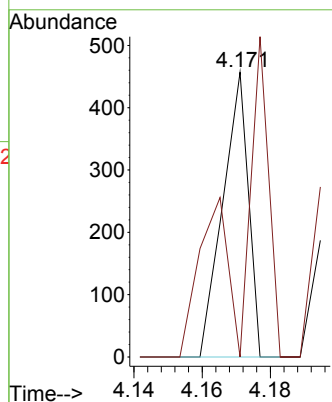
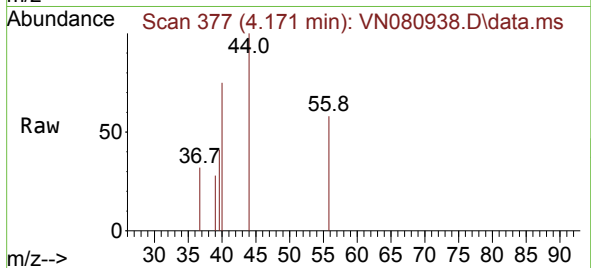




#13  
Acrolein  
Concen: 0.411 ug/l  
RT: 4.171 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

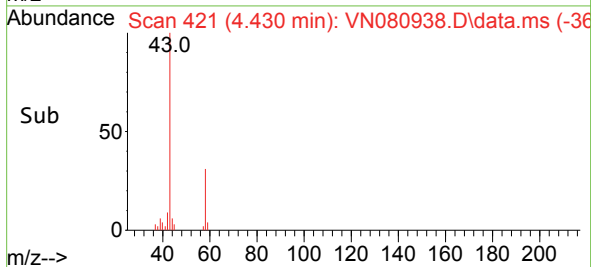
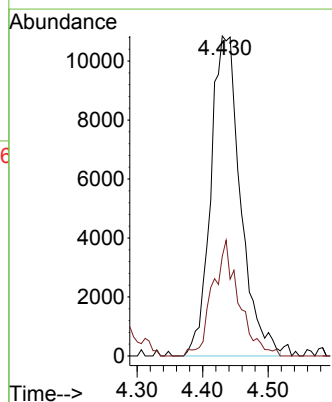
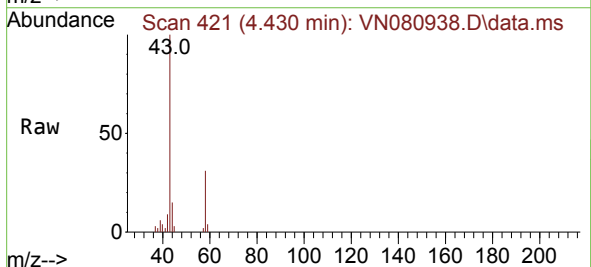
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

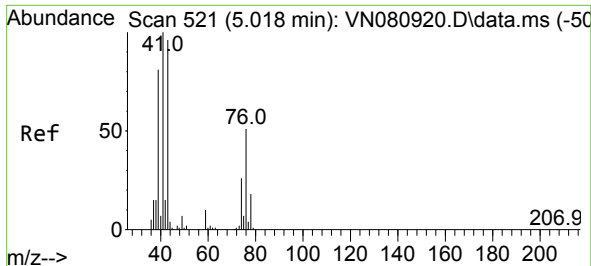
Tgt Ion: 56 Resp: 237  
Ion Ratio Lower Upper  
56 100  
55 64.1 55.3 82.9



#16  
Acetone  
Concen: 31.353 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 43 Resp: 34268  
Ion Ratio Lower Upper  
43 100  
58 31.1 24.8 37.2

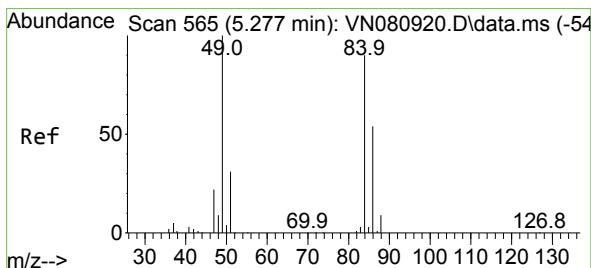
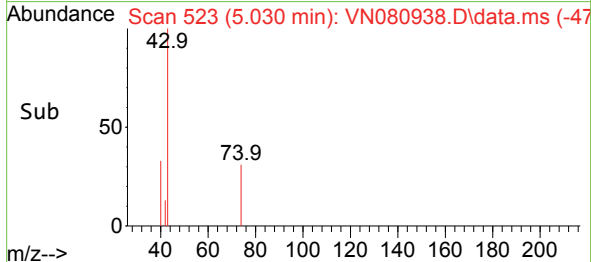
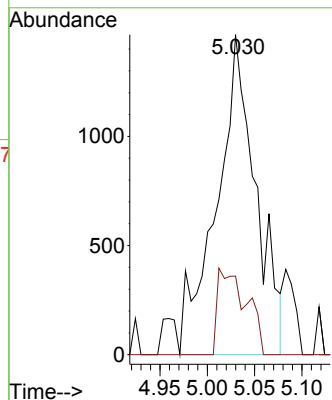
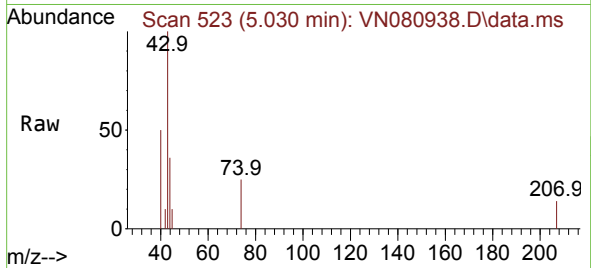




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 5.030 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

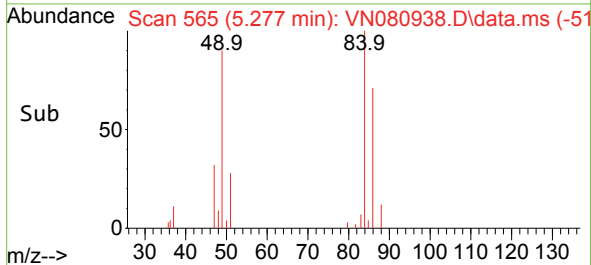
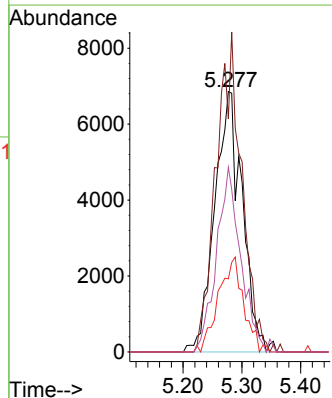
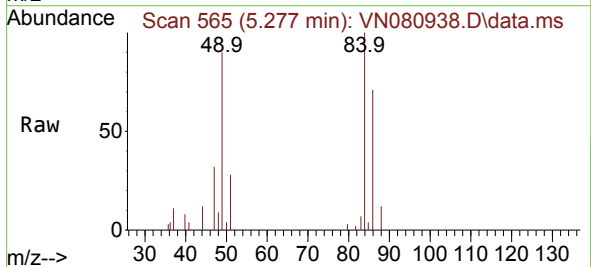
Instrument :  
MSVOA\_N  
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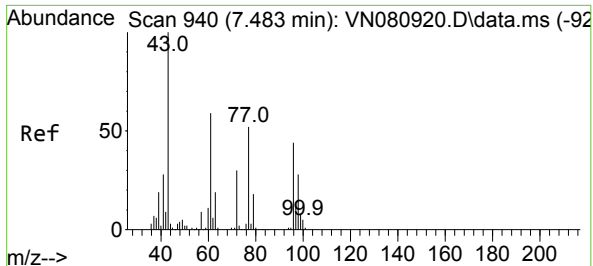
Tgt Ion: 43 Resp: 4219  
Ion Ratio Lower Upper  
43 100  
74 19.6 17.3 25.9



#20  
Methylene Chloride  
Concen: 6.755 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 84 Resp: 22369  
Ion Ratio Lower Upper  
84 100  
49 89.5 108.1 162.1#  
51 28.1 32.9 49.3#  
86 70.9 48.6 73.0

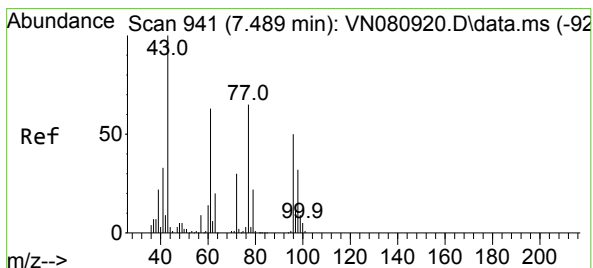
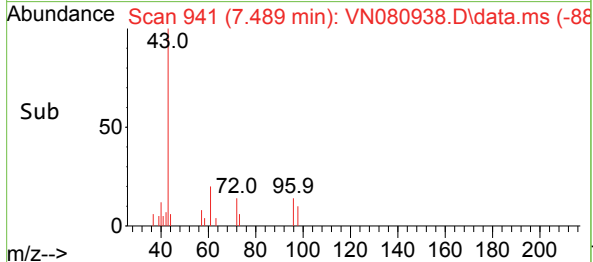
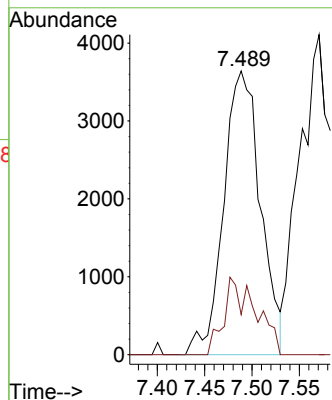
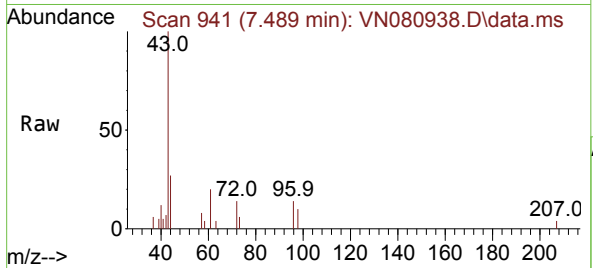




#25  
2-Butanone  
Concen: 5.607 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

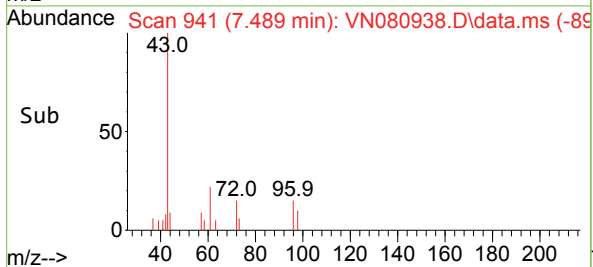
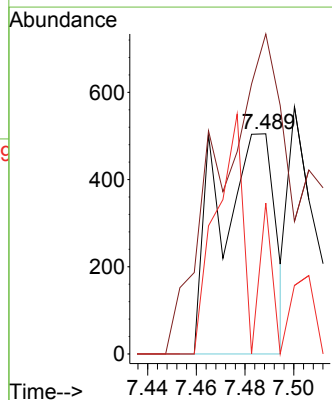
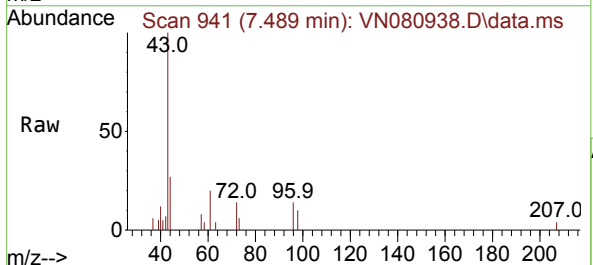
Instrument :  
MSVOA\_N  
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PB158850ZHE#02

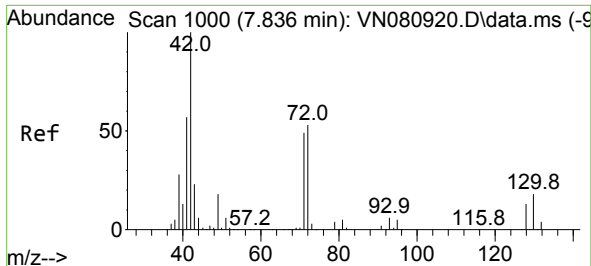
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Ion Ratio Lower Upper  
43 100  
72 14.2 19.5 29.3#



#27  
cis-1,2-Dichloroethene  
Concen: 0.221 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 96 Resp: 813  
Ion Ratio Lower Upper  
96 100  
61 224.6 0.0 325.4  
98 73.8 0.0 130.4

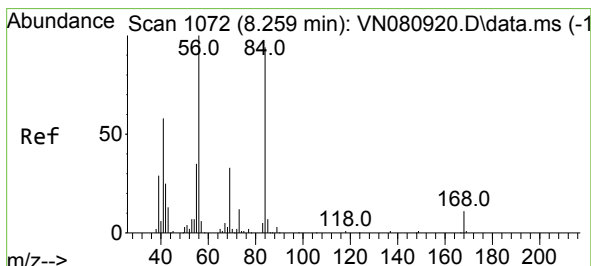
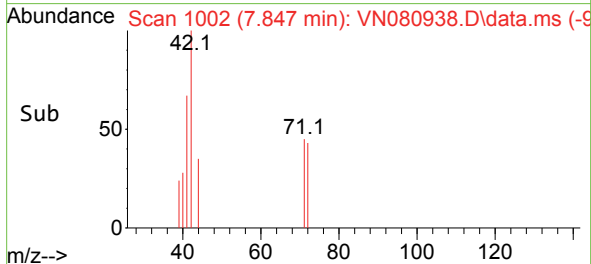
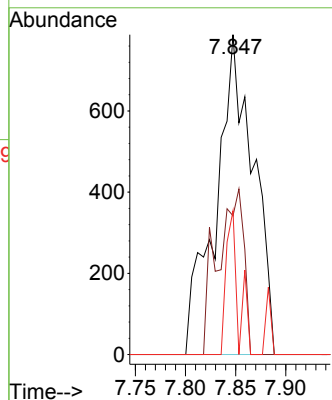
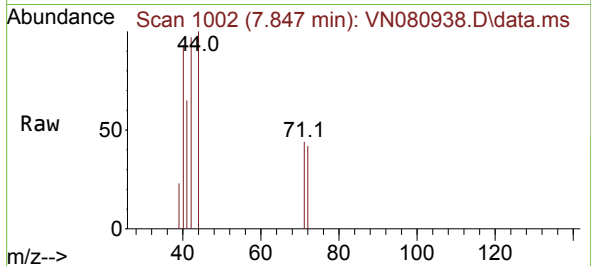




#29  
Tetrahydrofuran  
Concen: 1.917 ug/l  
RT: 7.847 min Scan# 1067  
Delta R.T. 0.012 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

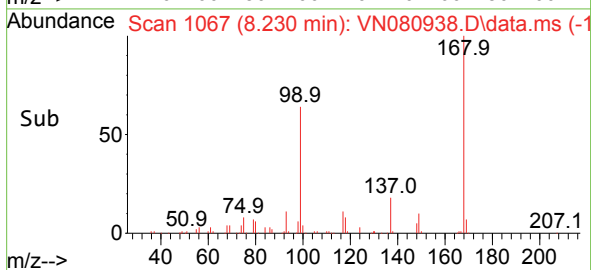
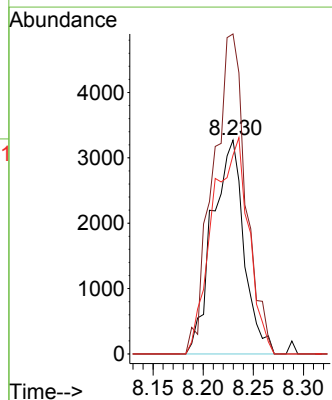
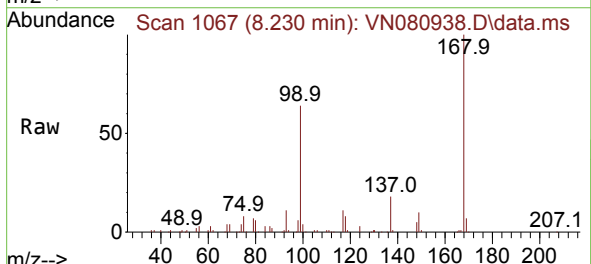
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

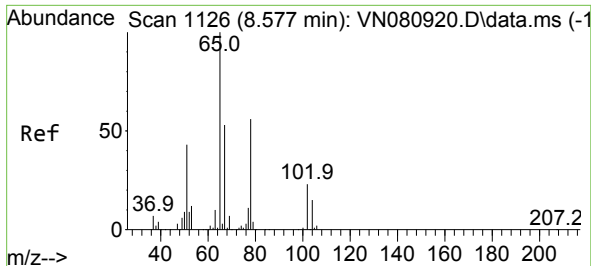
Tgt Ion: 42 Resp: 2056  
Ion Ratio Lower Upper  
42 100  
72 35.9 31.1 46.7  
71 14.4 28.3 42.5#



#31  
Cyclohexane  
Concen: 1.577 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.029 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 56 Resp: 7158  
Ion Ratio Lower Upper  
56 100  
69 149.7 20.1 30.1#  
84 92.9 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 57.815 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080938.D

Acq: 07 Feb 2024 16:03

Instrument :

MSVOA\_N

ClientSampleId :

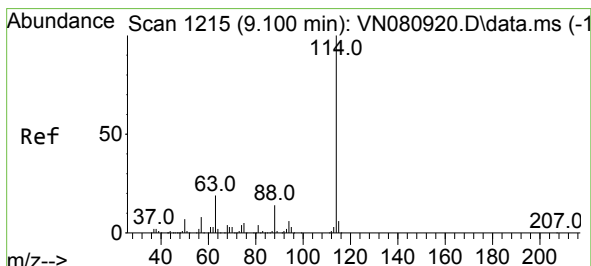
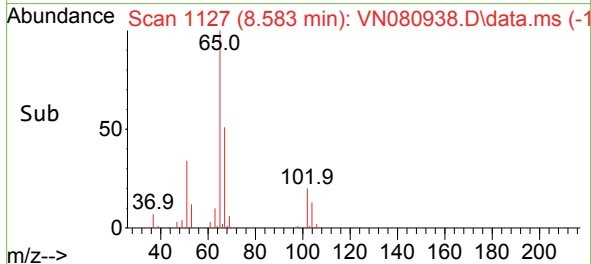
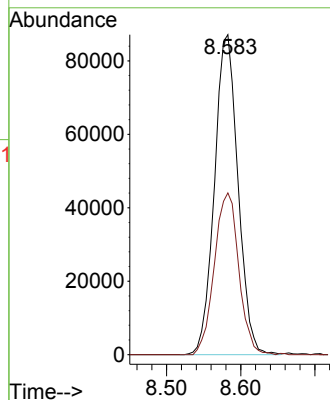
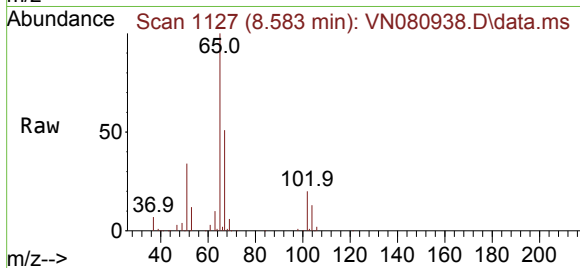
PB158850ZHE#02

Tgt Ion: 65 Resp: 192070

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080938.D

Acq: 07 Feb 2024 16:03

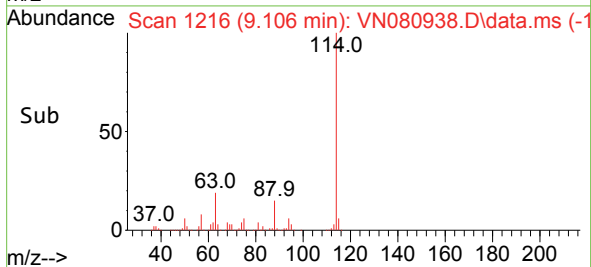
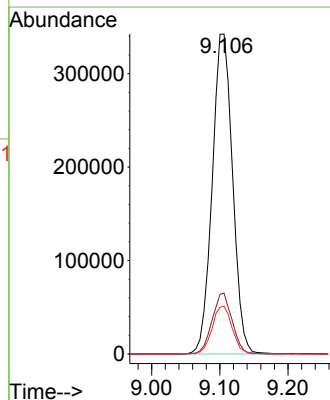
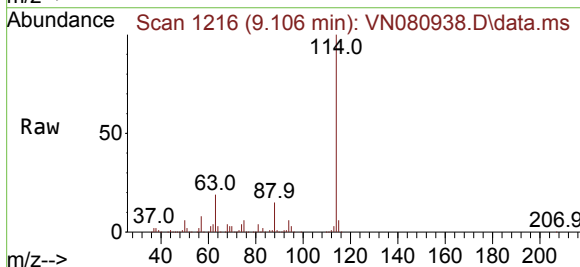
Tgt Ion: 114 Resp: 711864

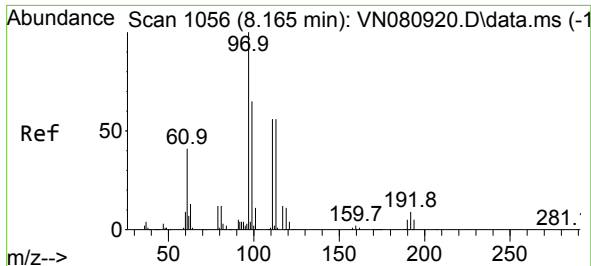
Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 14.9 0.0 34.8

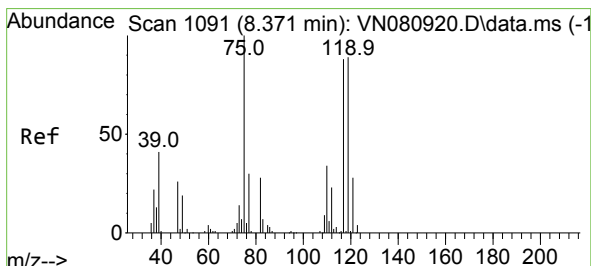
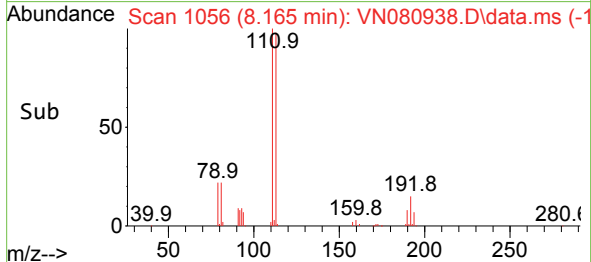
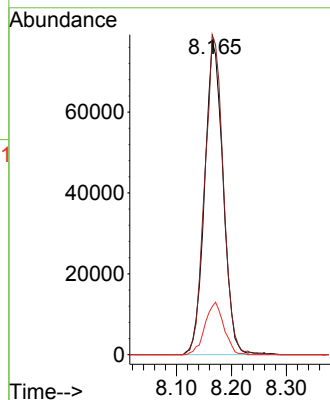
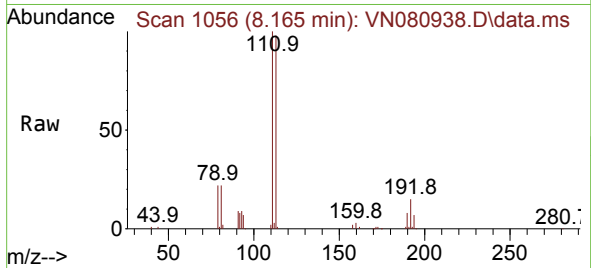




#35  
Dibromofluoromethane  
Concen: 47.344 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

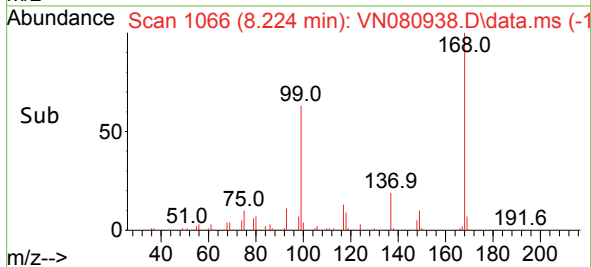
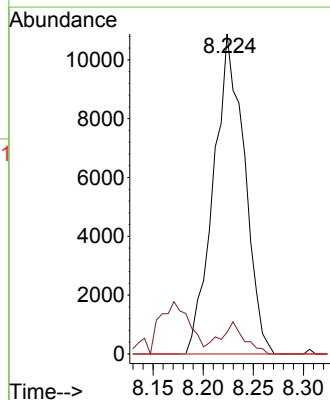
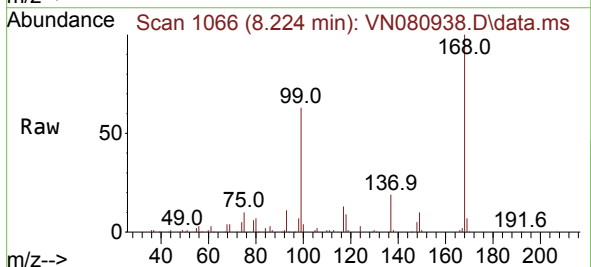
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

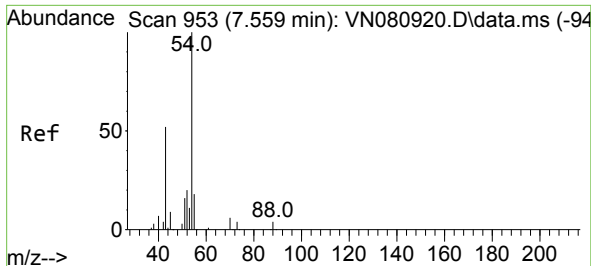
Tgt Ion:113 Resp: 180849  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.2 123.4  
192 17.1 12.5 18.7



#36  
1,1-Dichloropropene  
Concen: 4.106 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.147 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 75 Resp: 23331  
Ion Ratio Lower Upper  
75 100  
110 7.3 16.0 48.0#  
77 0.0 25.8 38.6#

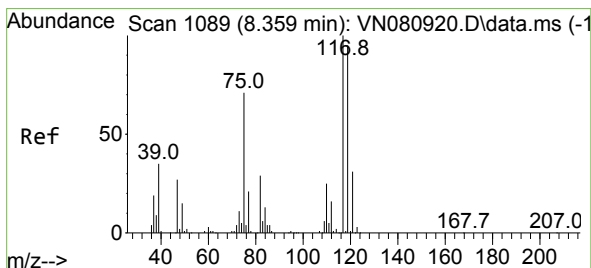
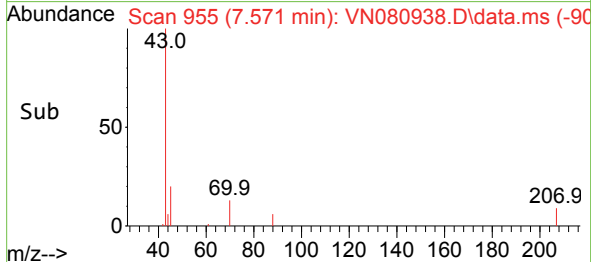
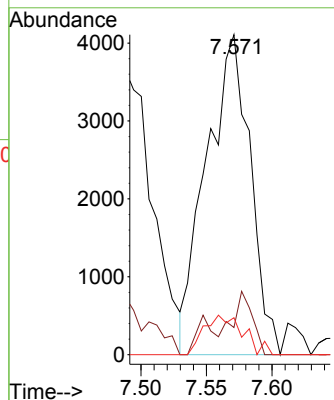
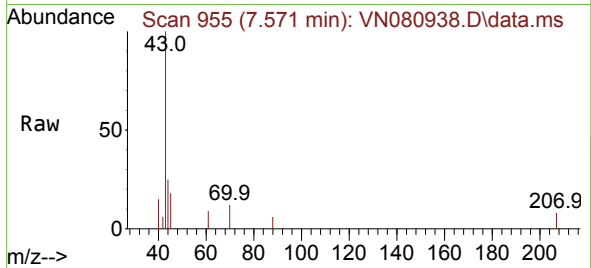




#37  
Ethyl Acetate  
Concen: 2.219 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

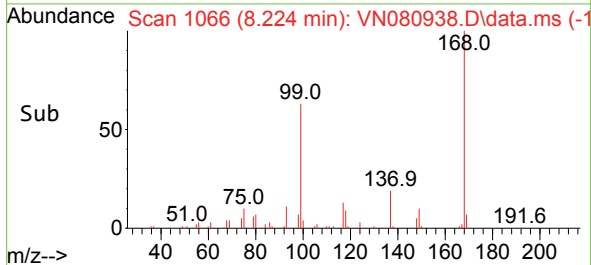
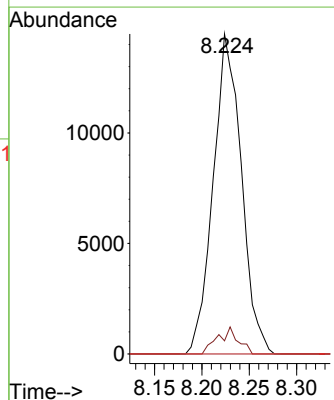
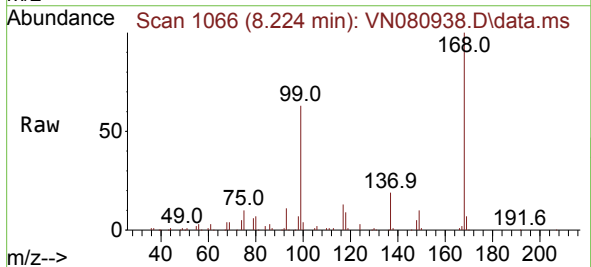
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

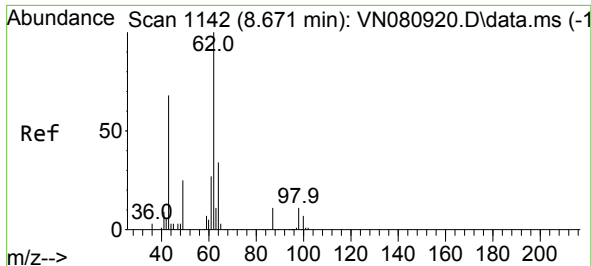
Tgt Ion: 43 Resp: 9543  
Ion Ratio Lower Upper  
43 100  
61 9.3 10.6 15.8#  
70 0.0 8.0 12.0#



#38  
Carbon Tetrachloride  
Concen: 5.140 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.135 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 117 Resp: 29943  
Ion Ratio Lower Upper  
117 100  
119 4.1 73.4 110.2#  
121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.400 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN080938.D

Acq: 07 Feb 2024 16:03

Instrument :

MSVOA\_N

ClientSampleId :

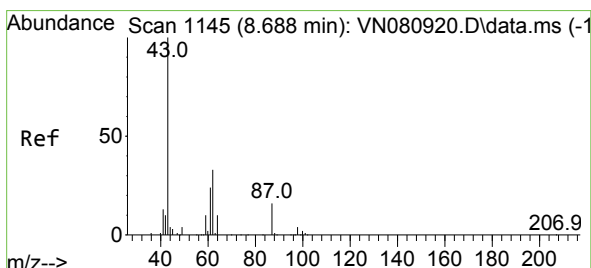
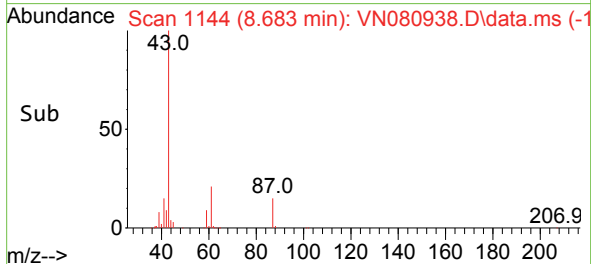
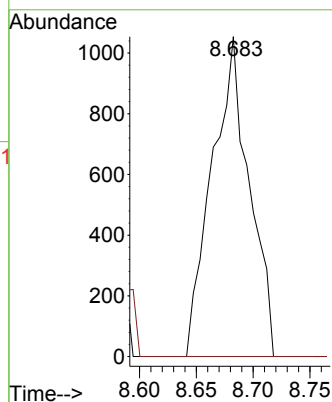
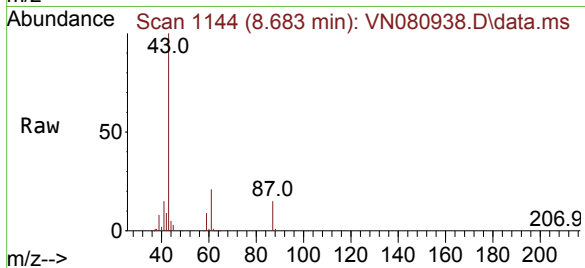
PB158850ZHE#02

Tgt Ion: 62 Resp: 2409

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 29.607 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080938.D

Acq: 07 Feb 2024 16:03

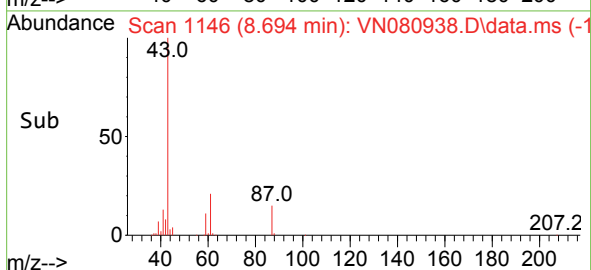
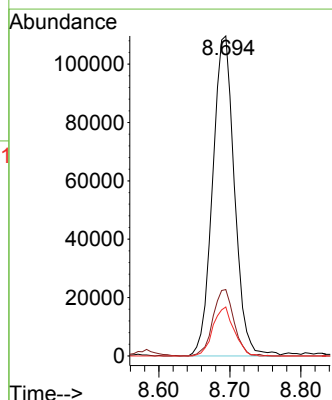
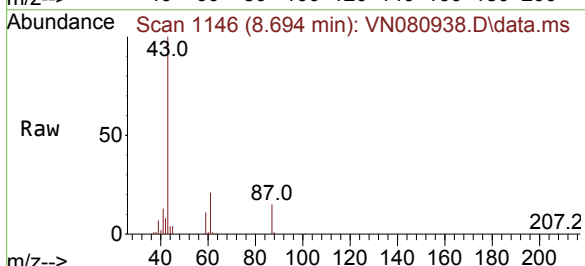
Tgt Ion: 43 Resp: 234102

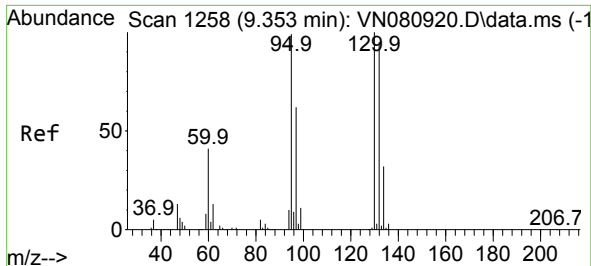
Ion Ratio Lower Upper

43 100

61 20.0 19.9 29.9

87 14.8 9.0 13.6#

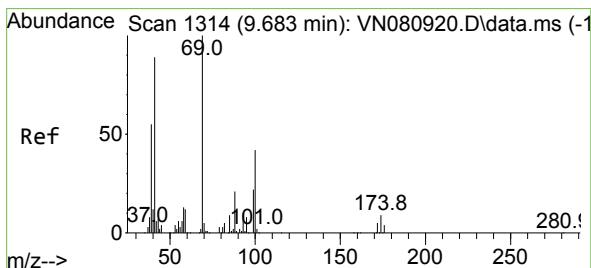
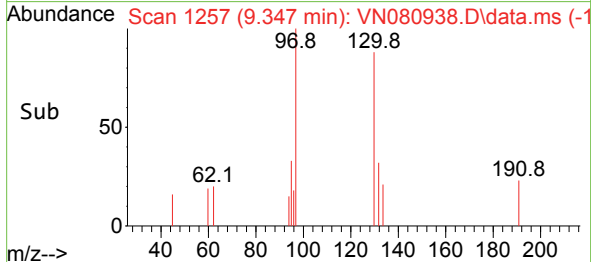
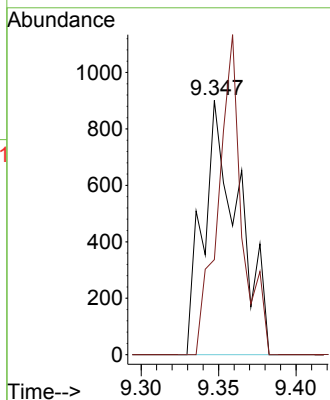
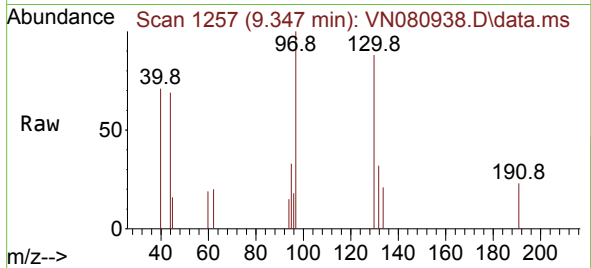




#44  
 Trichloroethene  
 Concen: 0.272 ug/l  
 RT: 9.347 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VN080938.D  
 Acq: 07 Feb 2024 16:03

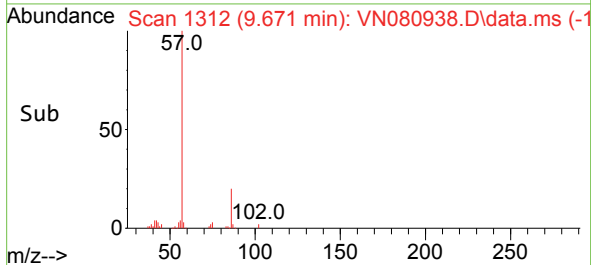
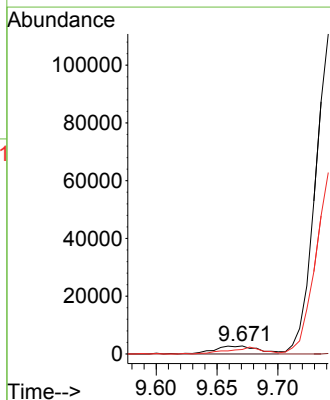
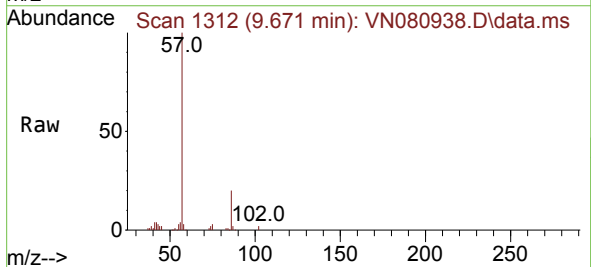
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB158850ZHE#02

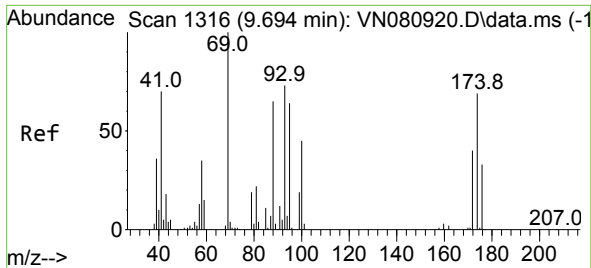
Tgt Ion:130 Resp: 1428  
 Ion Ratio Lower Upper  
 130 100  
 95 37.4 0.0 210.4



#48  
 Methyl methacrylate  
 Concen: 1.583 ug/l  
 RT: 9.671 min Scan# 1312  
 Delta R.T. -0.012 min  
 Lab File: VN080938.D  
 Acq: 07 Feb 2024 16:03

Tgt Ion: 41 Resp: 7053  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 62.2 93.2#  
 39 64.2 47.6 71.4

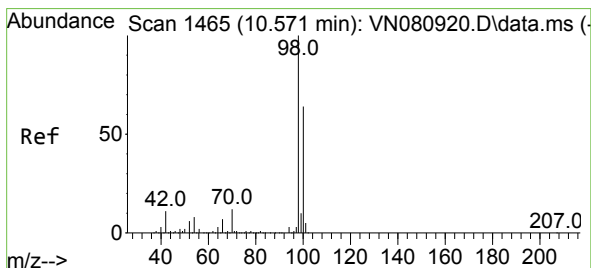
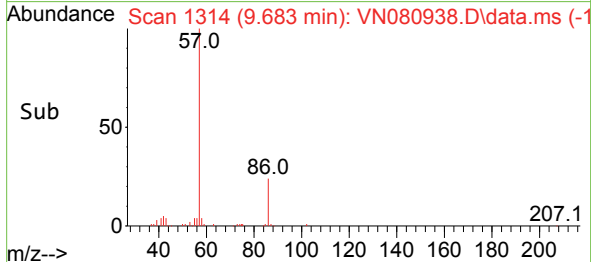
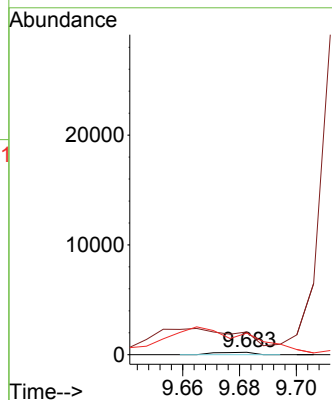
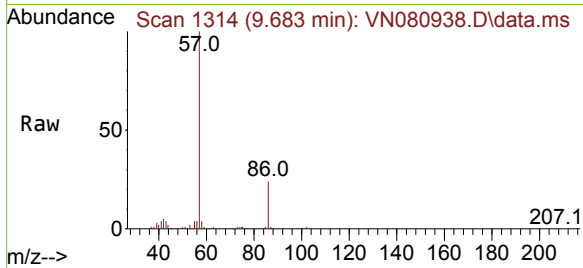




#49  
1,4-Dioxane  
Concen: 2.480 ug/l  
RT: 9.683 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

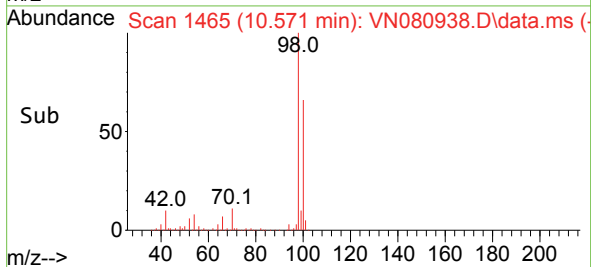
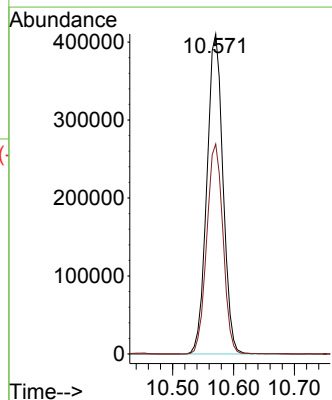
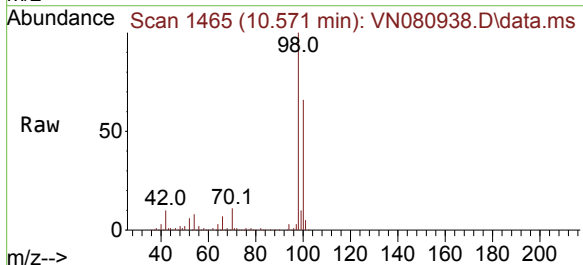
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

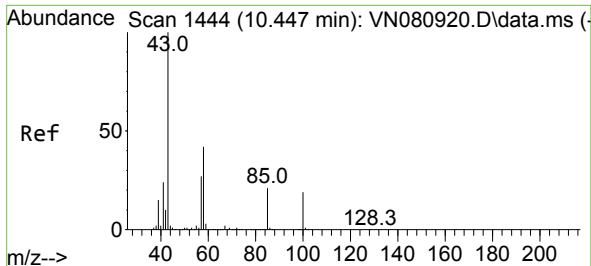
Tgt Ion: 88 Resp: 204  
Ion Ratio Lower Upper  
88 100  
43 0.0 30.1 45.1#  
58 2808.8 63.9 95.9#



#50  
Toluene-d8  
Concen: 54.557 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 98 Resp: 753805  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 2.672 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN080938.D

Acq: 07 Feb 2024 16:03

Instrument :

MSVOA\_N

ClientSampleId :

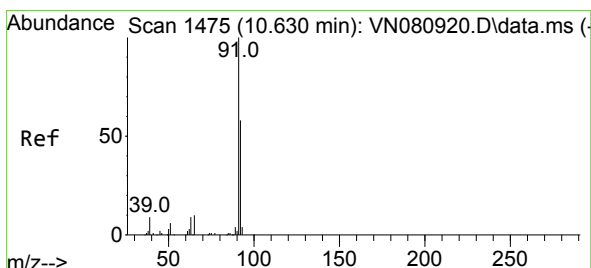
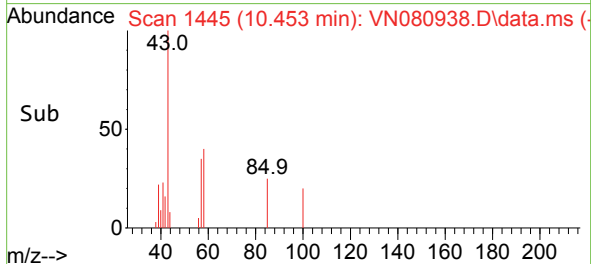
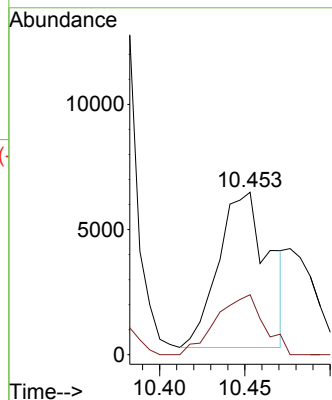
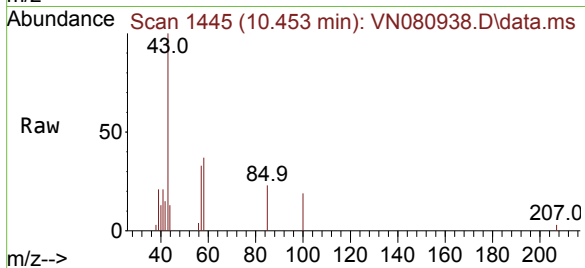
PB158850ZHE#02

Tgt Ion: 43 Resp: 12734

Ion Ratio Lower Upper

43 100

58 36.5 29.4 44.0



#52

Toluene

Concen: 0.363 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN080938.D

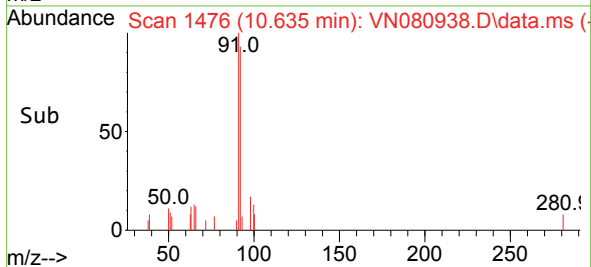
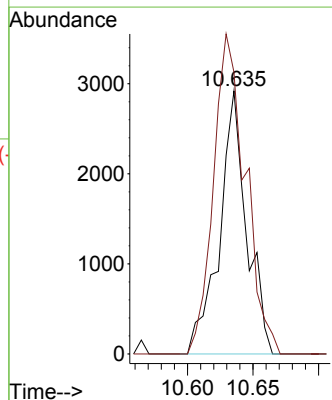
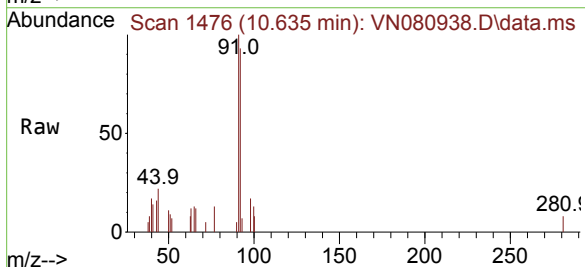
Acq: 07 Feb 2024 16:03

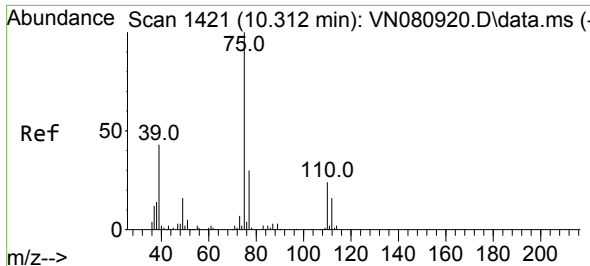
Tgt Ion: 92 Resp: 4202

Ion Ratio Lower Upper

92 100

91 143.3 139.4 209.0

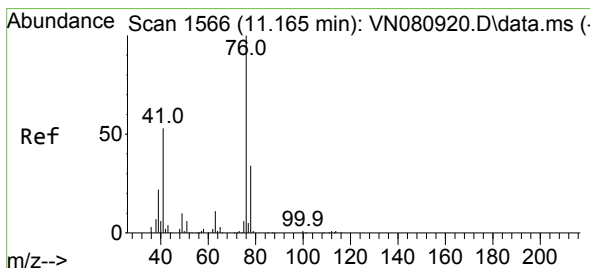
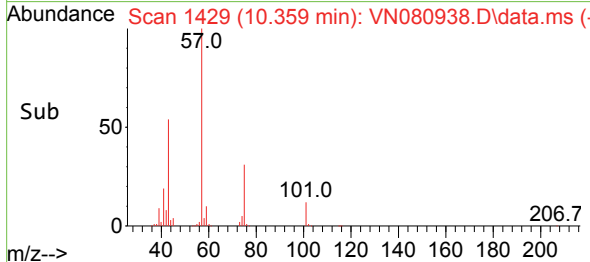
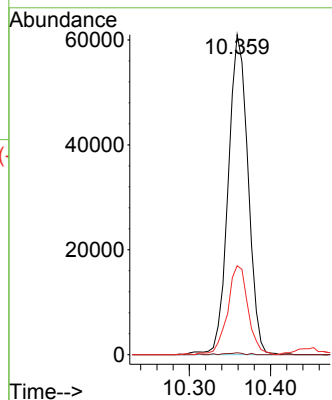
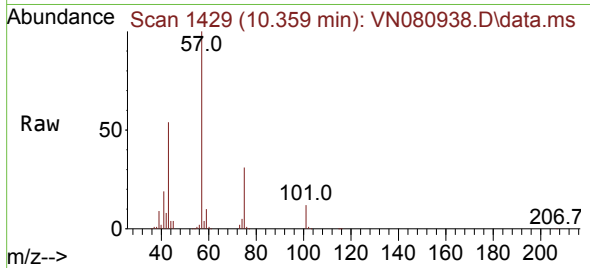




#54  
 cis-1,3-Dichloropropene  
 Concen: 14.108 ug/l  
 RT: 10.359 min Scan# 1429  
 Delta R.T. 0.047 min  
 Lab File: VN080938.D  
 Acq: 07 Feb 2024 16:03

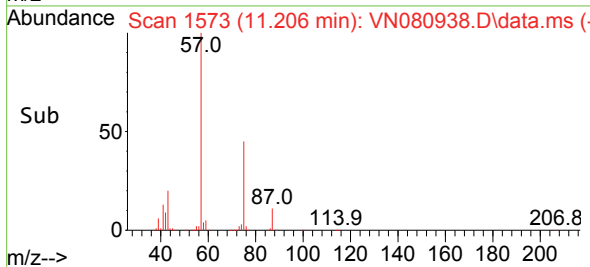
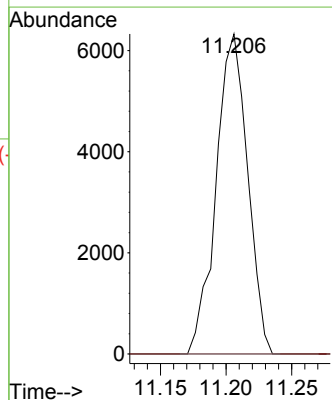
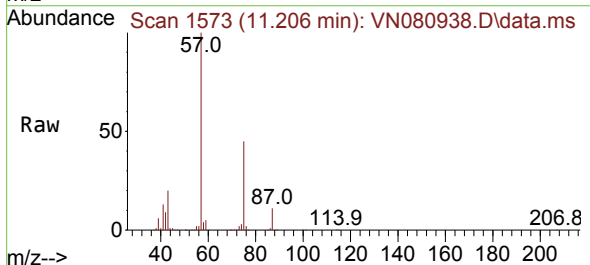
Instrument :  
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 PB158850ZHE#02

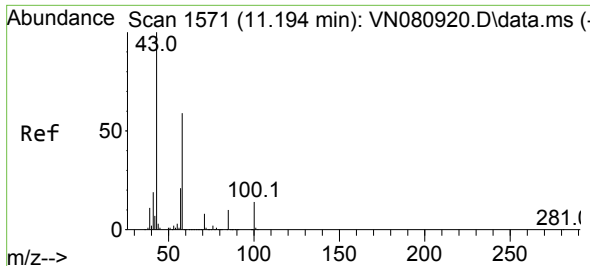
Tgt Ion: 75 Resp: 103442  
 Ion Ratio Lower Upper  
 75 100  
 77 0.6 23.3 34.9#  
 39 27.8 44.6 66.8#



#57  
 1,3-Dichloropropane  
 Concen: 1.457 ug/l  
 RT: 11.206 min Scan# 1573  
 Delta R.T. 0.041 min  
 Lab File: VN080938.D  
 Acq: 07 Feb 2024 16:03

Tgt Ion: 76 Resp: 10586  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.5 38.3#

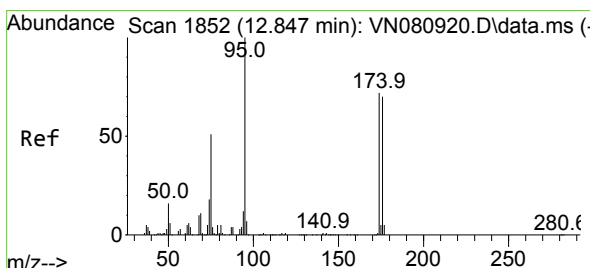
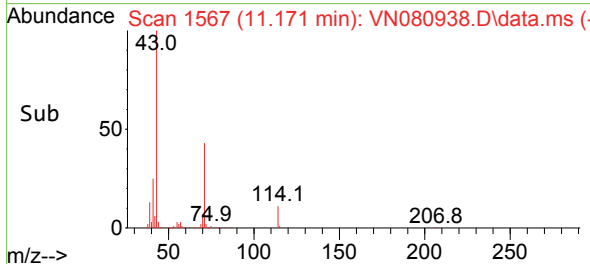
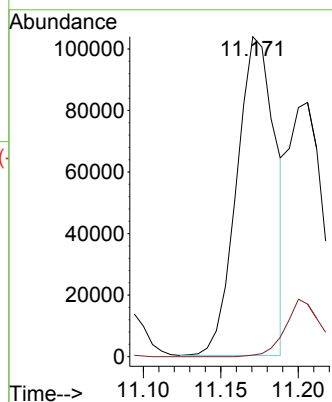
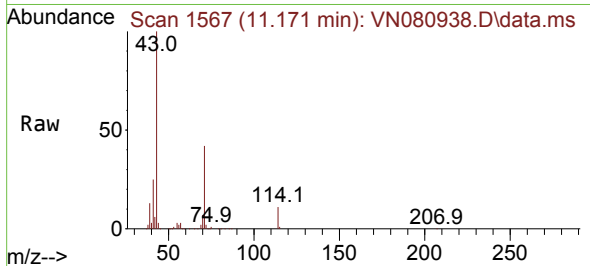




#59  
2-Hexanone  
Concen: 49.828 ug/l  
RT: 11.171 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

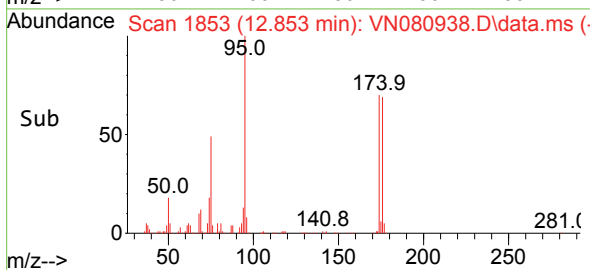
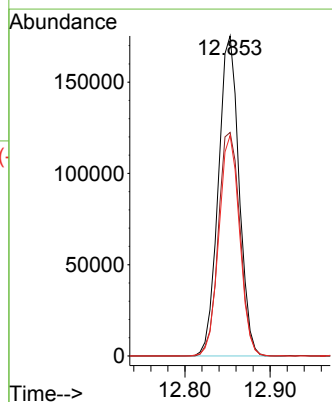
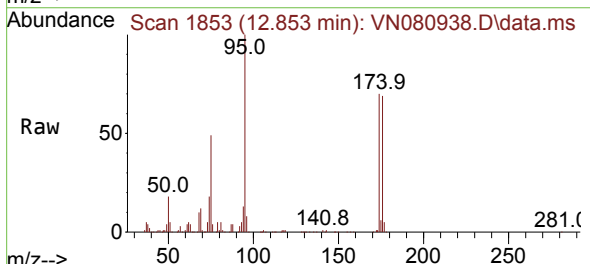
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

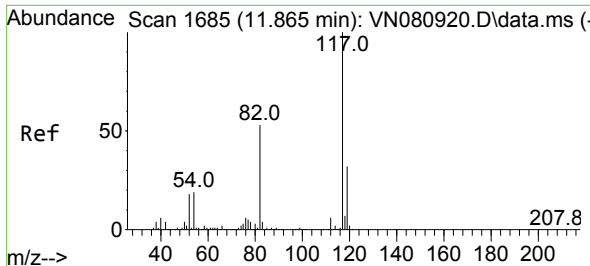
Tgt Ion: 43 Resp: 179957  
Ion Ratio Lower Upper  
43 100  
58 0.0 25.9 77.8#



#62  
4-Bromofluorobenzene  
Concen: 58.857 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 95 Resp: 295421  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 120.4  
176 68.9 0.0 121.0

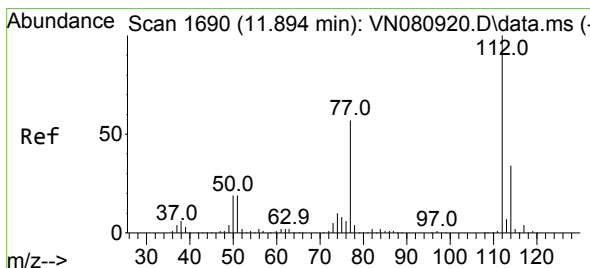
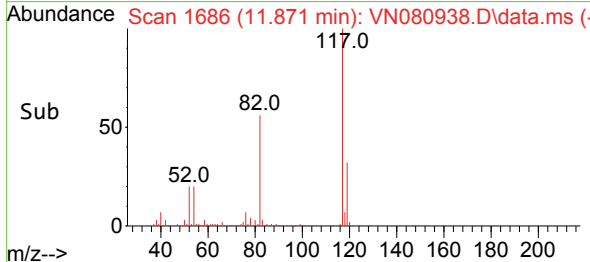
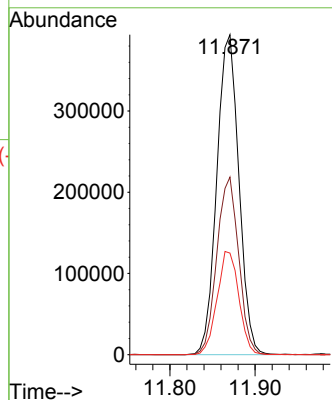
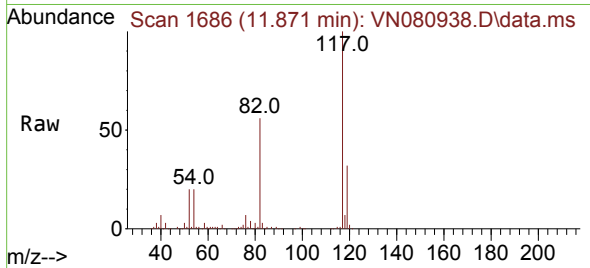




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

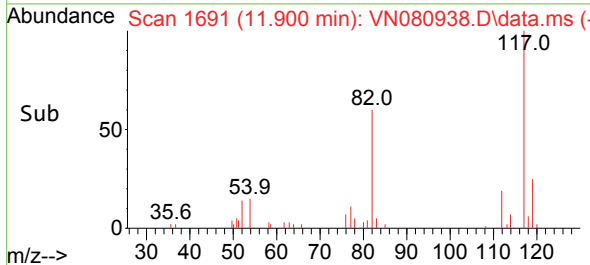
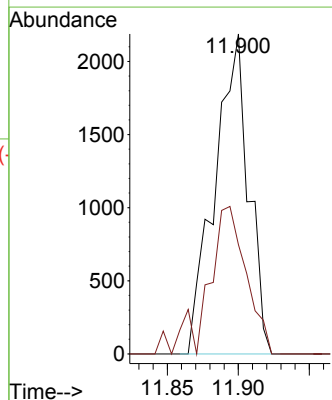
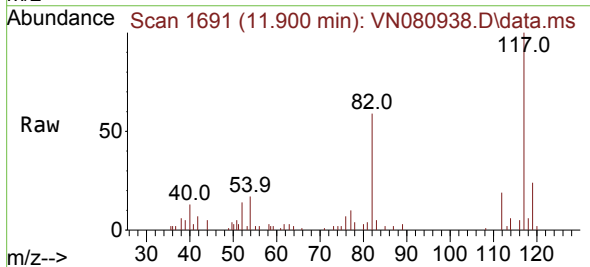
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

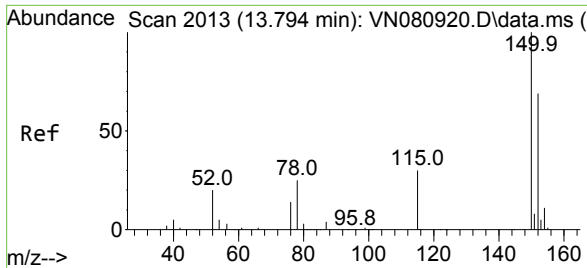
Tgt Ion:117 Resp: 709944  
Ion Ratio Lower Upper  
117 100  
82 55.5 52.7 79.1  
119 31.8 25.3 37.9



#65  
Chlorobenzene  
Concen: 0.243 ug/l  
RT: 11.900 min Scan# 1691  
Delta R.T. 0.006 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion:112 Resp: 3619  
Ion Ratio Lower Upper  
112 100  
114 34.1 23.7 35.5

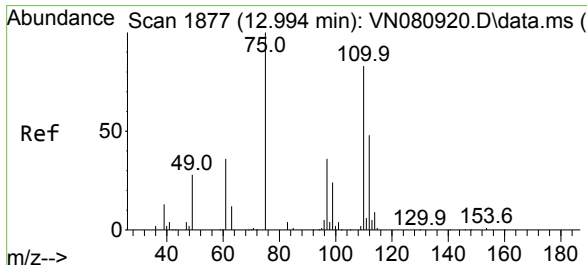
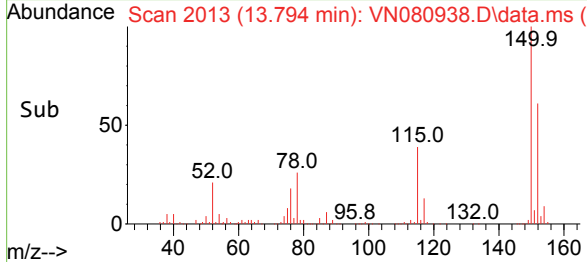
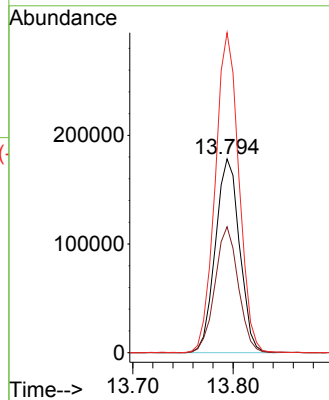
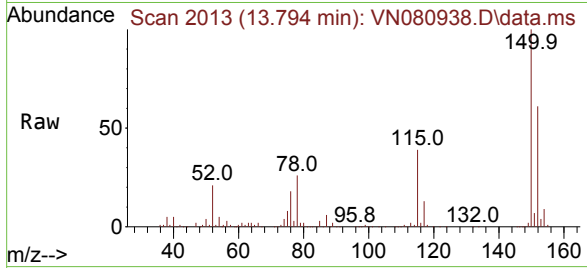




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 2013  
 Delta R.T. -0.000 min  
 Lab File: VN080938.D  
 Acq: 07 Feb 2024 16:03

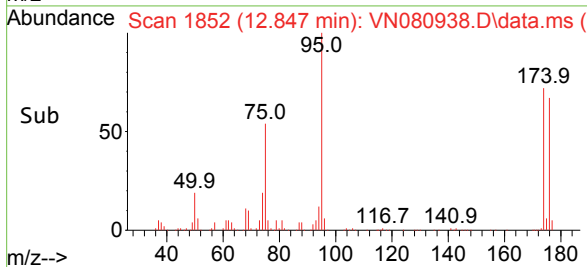
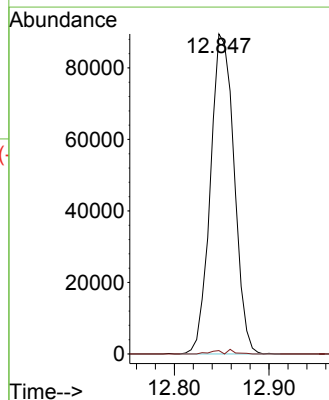
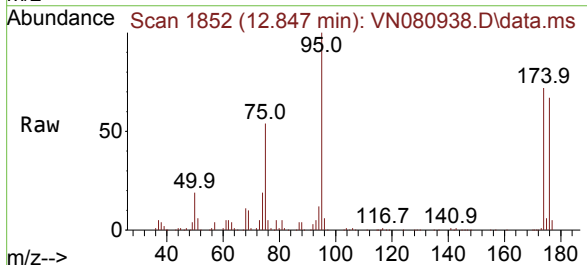
Instrument :  
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 ClientSampleId :  
 PB158850ZHE#02

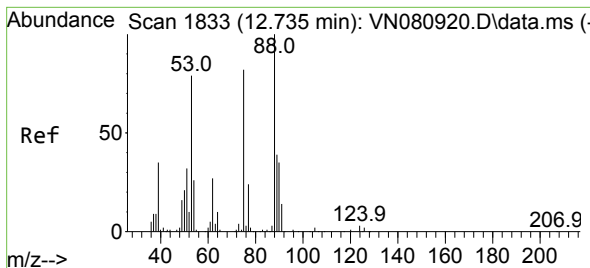
Tgt Ion:152 Resp: 299042  
 Ion Ratio Lower Upper  
 152 100  
 115 62.6 32.3 96.8  
 150 161.6 0.0 339.8



#76  
 1,2,3-Trichloropropane  
 Concen: 25.530 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. -0.147 min  
 Lab File: VN080938.D  
 Acq: 07 Feb 2024 16:03

Tgt Ion: 75 Resp: 155665  
 Ion Ratio Lower Upper  
 75 100  
 77 0.5 91.0 272.8#

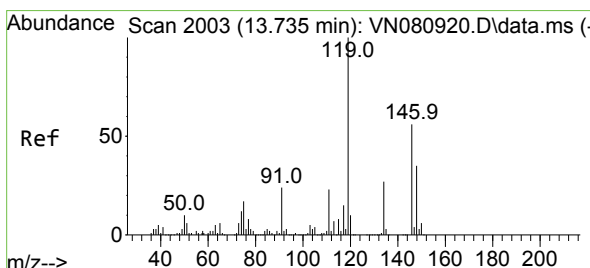
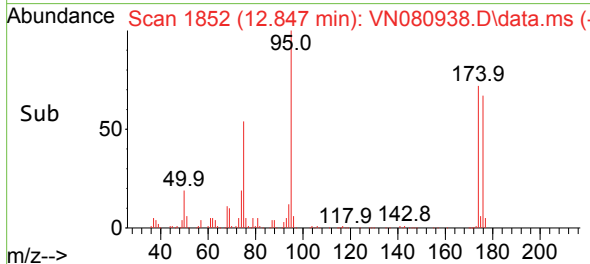
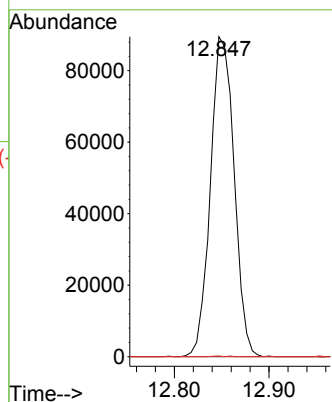
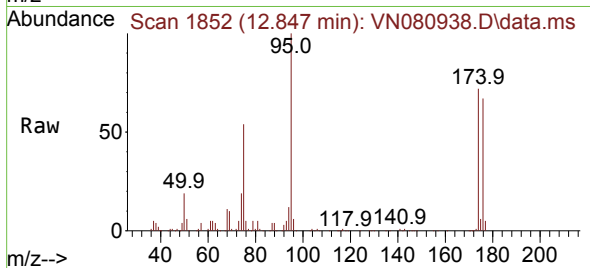




#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.362 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. 0.112 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

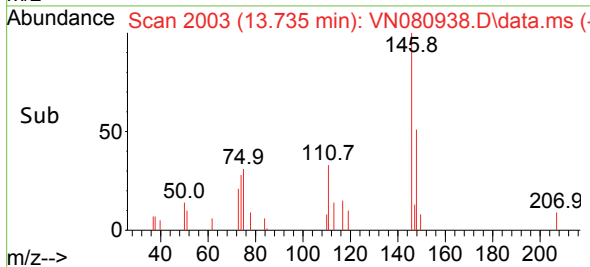
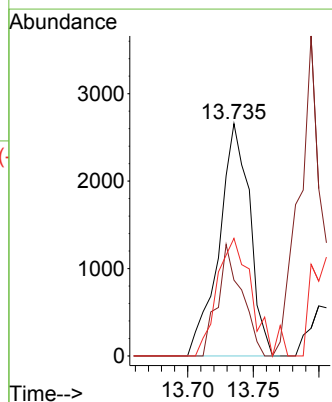
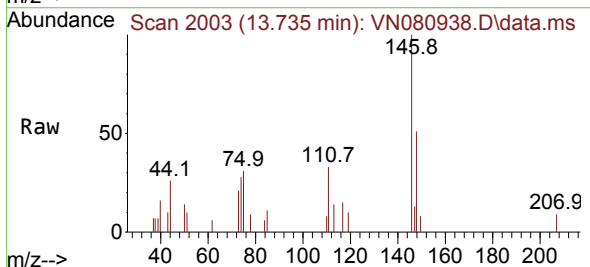
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

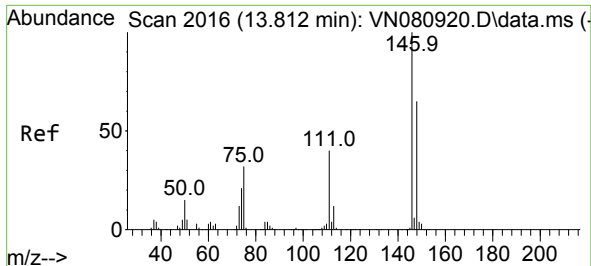
Tgt Ion: 75 Resp: 155665  
Ion Ratio Lower Upper  
75 100  
53 0.0 71.4 107.2#  
89 0.1 33.4 50.0#



#87  
1,3-Dichlorobenzene  
Concen: 0.414 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion:146 Resp: 4325  
Ion Ratio Lower Upper  
146 100  
111 37.7 23.9 71.7  
148 58.3 32.6 97.7

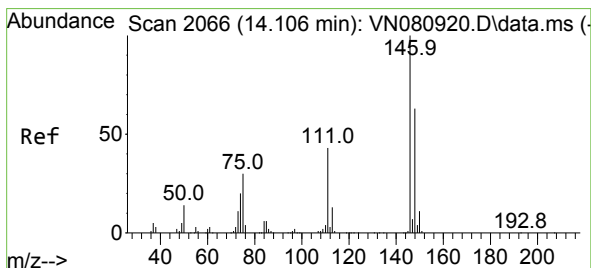
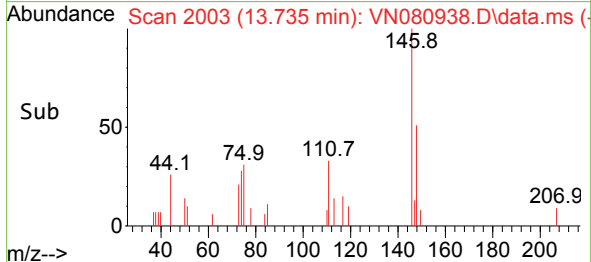
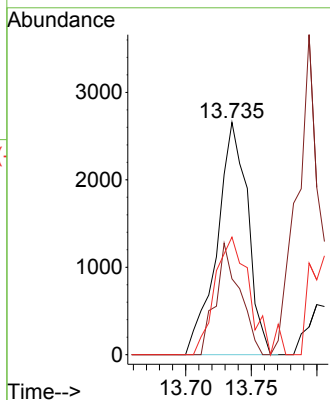
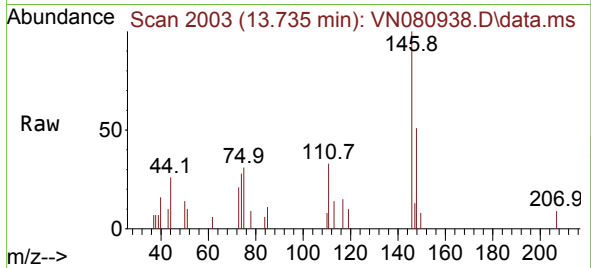




#88  
1,4-Dichlorobenzene  
Concen: 0.408 ug/l  
RT: 13.735 min Scan# 2016  
Delta R.T. -0.076 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

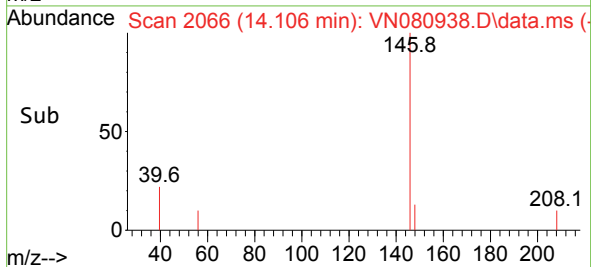
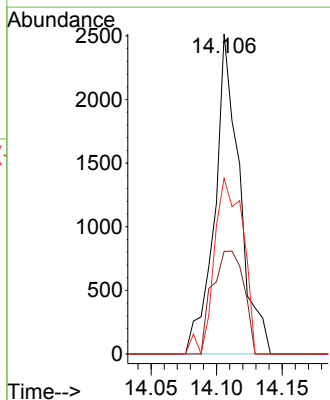
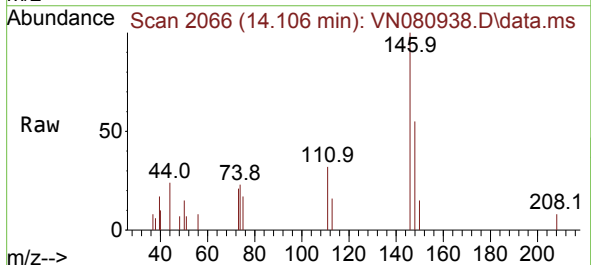
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

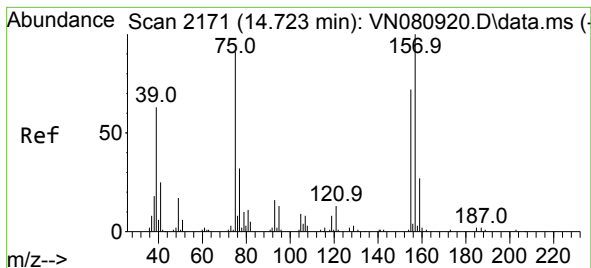
Tgt Ion:146 Resp: 4325  
Ion Ratio Lower Upper  
146 100  
111 37.7 22.6 67.7  
148 58.3 31.9 95.5



#91  
1,2-Dichlorobenzene  
Concen: 0.330 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion:146 Resp: 3306  
Ion Ratio Lower Upper  
146 100  
111 40.7 23.9 71.8  
148 63.6 31.4 94.0

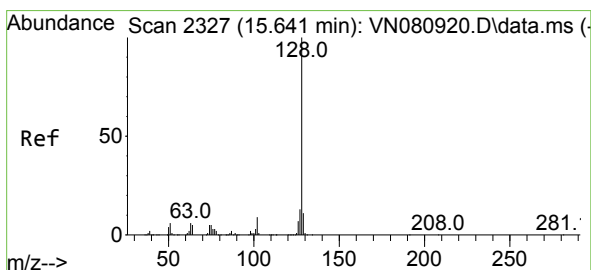
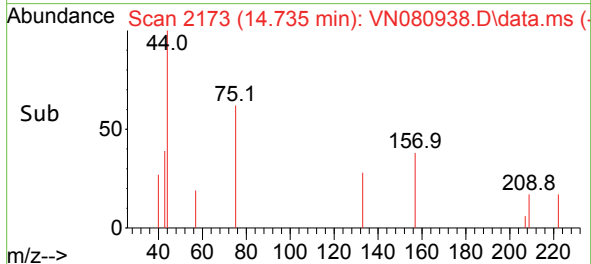
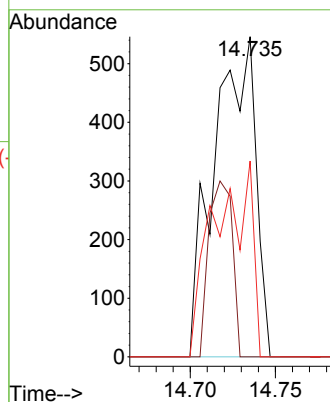
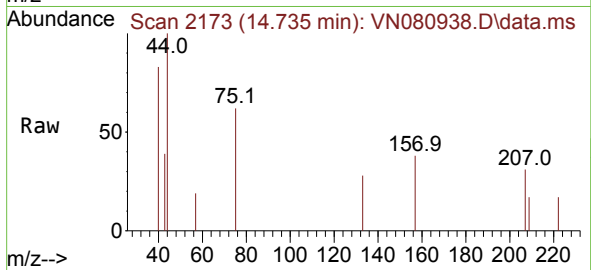




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.682 ug/l  
RT: 14.735 min Scan# 2173  
Delta R.T. 0.012 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB158850ZHE#02

Tgt Ion: 75 Resp: 923  
Ion Ratio Lower Upper  
75 100  
155 31.3 31.8 95.4#  
157 54.8 41.1 123.4



#95  
Naphthalene  
Concen: 1.938 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.006 min  
Lab File: VN080938.D  
Acq: 07 Feb 2024 16:03

Tgt Ion: 128 Resp: 31699  
Ion Ratio Lower Upper  
128 100  
127 12.0 10.0 15.0  
129 12.7 8.7 13.1

