

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071224\  
 Data File : VN082905.D  
 Acq On : 12 Jul 2024 17:29  
 Operator : JC\MD  
 Sample : P3224-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 15 01:15:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 95590    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 201453   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 212913   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 111673   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 76174    | 56.847   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 113.700% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 61217    | 47.357   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 94.720%  |      |
| 50) Toluene-d8              | 10.571 | 98    | 250937   | 52.558   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 105.120% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 101876   | 59.402   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 118.800% |      |

|                             |        |     |        |         |        |     |
|-----------------------------|--------|-----|--------|---------|--------|-----|
| Target Compounds            |        |     |        | Qvalue  |        |     |
| 5) Bromomethane             | 2.971  | 94  | 464    | 0.522   | ug/l   | 86  |
| 11) Tert butyl alcohol      | 5.524  | 59  | 2076   | 9.211   | ug/l # | 71  |
| 13) Acrolein                | 4.177  | 56  | 324    | 1.991   | ug/l # | 34  |
| 14) Allyl chloride          | 4.959  | 41  | 429    | 0.282   | ug/l # | 17  |
| 16) Acetone                 | 4.430  | 43  | 53058  | 112.466 | ug/l   | 91  |
| 17) Carbon Disulfide        | 4.712  | 76  | 1952   | 0.669   | ug/l # | 75  |
| 18) Methyl Acetate          | 5.036  | 43  | 1838   | 1.472   | ug/l # | 56  |
| 20) Methylene Chloride      | 5.271  | 84  | 7085   | 6.219   | ug/l   | 85  |
| 25) 2-Butanone              | 7.488  | 43  | 5159   | 7.242   | ug/l # | 85  |
| 29) Tetrahydrofuran         | 7.865  | 42  | 120    | 0.268   | ug/l # | 58  |
| 31) Cyclohexane             | 8.235  | 56  | 3079   | 1.758   | ug/l # | 44  |
| 36) 1,1-Dichloropropene     | 8.224  | 75  | 8493   | 4.765   | ug/l # | 49  |
| 37) Ethyl Acetate           | 7.565  | 43  | 2502   | 1.379   | ug/l # | 76  |
| 38) Carbon Tetrachloride    | 8.230  | 117 | 10313  | 4.806   | ug/l # | 20  |
| 40) Benzene                 | 8.606  | 78  | 564830 | 103.028 | ug/l   | 97  |
| 42) 1,2-Dichloroethane      | 8.694  | 62  | 635    | 0.322   | ug/l # | 78  |
| 43) Isopropyl Acetate       | 8.688  | 43  | 191811 | 56.445  | ug/l # | 80  |
| 45) 1,2-Dichloropropane     | 9.735  | 63  | 1108   | 0.866   | ug/l # | 44  |
| 48) Methyl methacrylate     | 9.659  | 41  | 3471   | 2.440   | ug/l # | 55  |
| 51) 4-Methyl-2-Pentanone    | 10.441 | 43  | 10856  | 6.035   | ug/l # | 85  |
| 52) Toluene                 | 10.629 | 92  | 444937 | 129.923 | ug/l   | 100 |
| 53) t-1,3-Dichloropropene   | 10.729 | 75  | 536    | 0.253   | ug/l # | 43  |
| 54) cis-1,3-Dichloropropene | 10.359 | 75  | 30197  | 13.441  | ug/l # | 56  |
| 55) 1,1,2-Trichloroethane   | 10.888 | 97  | 3027   | 2.404   | ug/l # | 14  |
| 56) Ethyl methacrylate      | 10.982 | 69  | 936    | 0.478   | ug/l # | 1   |
| 57) 1,3-Dichloropropane     | 11.206 | 76  | 3910   | 1.754   | ug/l # | 43  |
| 59) 2-Hexanone              | 11.200 | 43  | 52447  | 39.215  | ug/l # | 58  |
| 67) Ethyl Benzene           | 11.965 | 91  | 87249  | 11.378  | ug/l   | 97  |
| 68) m/p-Xylenes             | 12.070 | 106 | 245430 | 84.778  | ug/l   | 98  |
| 69) o-Xylene                | 12.400 | 106 | 255600 | 92.145  | ug/l   | 96  |
| 70) Styrene                 | 12.412 | 104 | 60394  | 13.177  | ug/l # | 35  |
| 71) Bromoform               | 12.853 | 173 | 647    | 0.507   | ug/l # | 1   |
| 73) Isopropylbenzene        | 12.694 | 105 | 7694   | 0.948   | ug/l   | 98  |
| 74) N-amyl acetate          | 12.459 | 43  | 3925   | 1.169   | ug/l # | 55  |
| 76) 1,2,3-Trichloropropane  | 12.847 | 75  | 56354  | 29.270  | ug/l # | 1   |
| 78) n-propylbenzene         | 13.035 | 91  | 11785  | 1.263   | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071224\  
 Data File : VN082905.D  
 Acq On : 12 Jul 2024 17:29  
 Operator : JC\MD  
 Sample : P3224-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

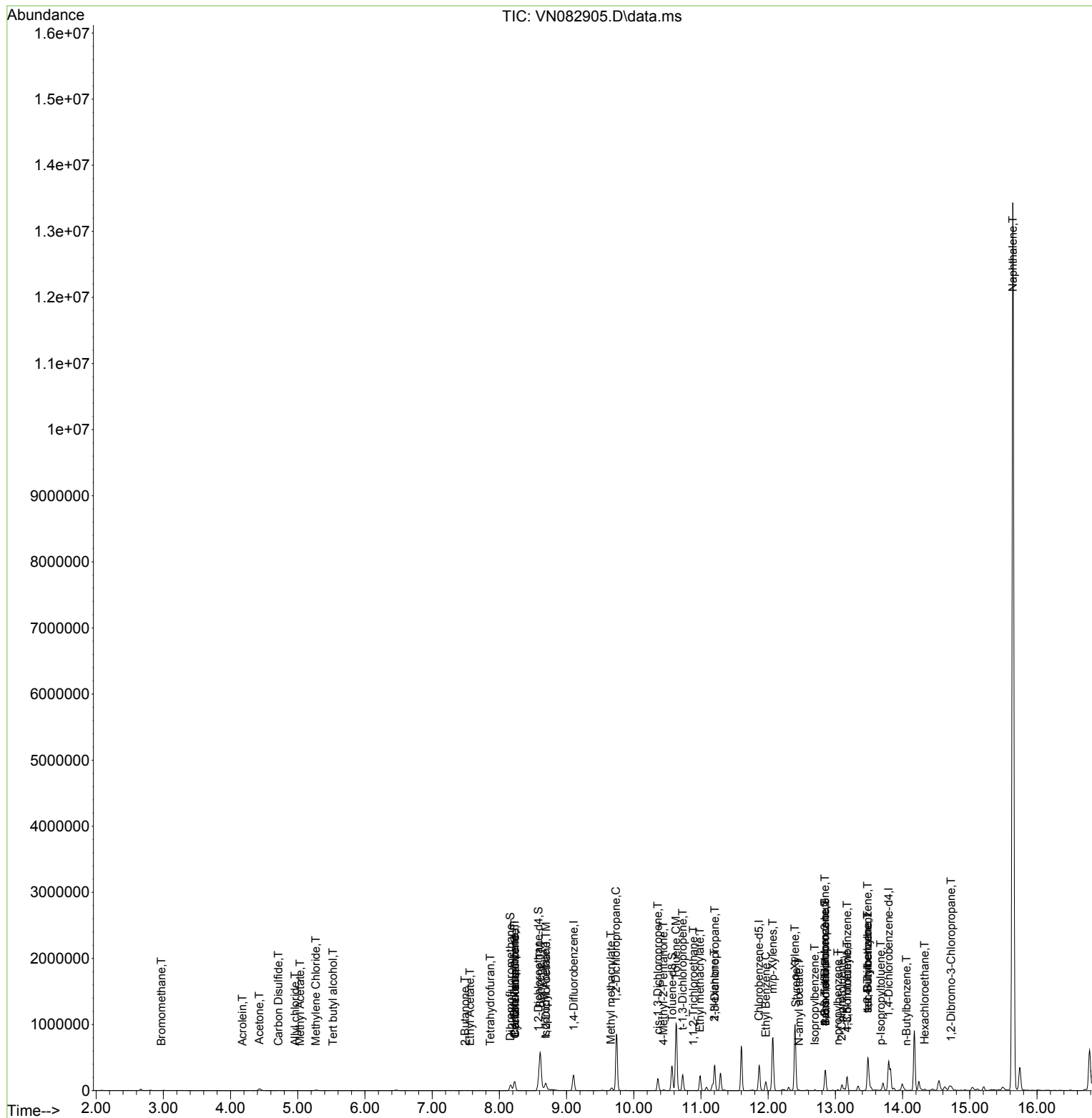
Quant Time: Jul 15 01:15:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

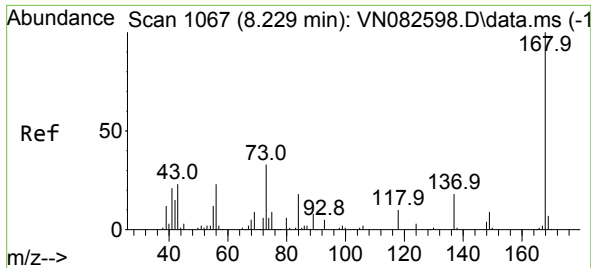
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| -----                         |        |      |          |          |        |          |
| 79) 2-Chlorotoluene           | 13.094 | 91   | 9043     | 1.521    | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 111806   | 17.045   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75   | 56354    | 57.566   | ug/l # | 7        |
| 82) 4-Chlorotoluene           | 13.176 | 91   | 11816    | 2.008    | ug/l # | 42       |
| 83) tert-Butylbenzene         | 13.482 | 119  | 32174    | 5.533    | ug/l # | 67       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 298775   | 44.691   | ug/l   | 91       |
| 85) sec-Butylbenzene          | 13.482 | 105  | 298775   | 38.021   | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 13.676 | 119  | 3431     | 0.523    | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.059 | 91   | 1598     | 0.284    | ug/l # | 79       |
| 90) Hexachloroethane          | 14.329 | 117  | 1687     | 1.216    | ug/l # | 14       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 1921     | 3.417    | ug/l # | 7        |
| 95) Naphthalene               | 15.641 | 128  | 12062779 | 1780.696 | ug/l   | 99       |
| -----                         |        |      |          |          |        |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**

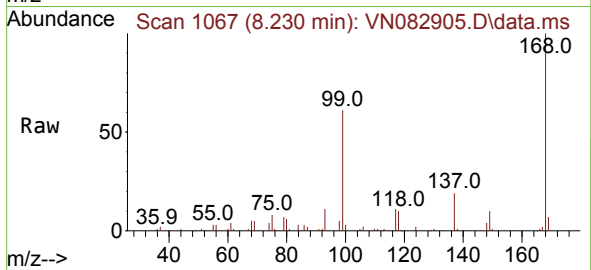
**Instrument :**  
MSVOA\_N  
**ClientSampleId :**



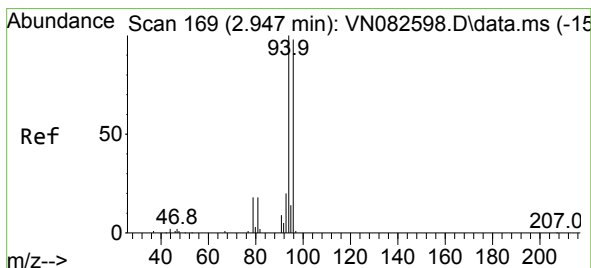
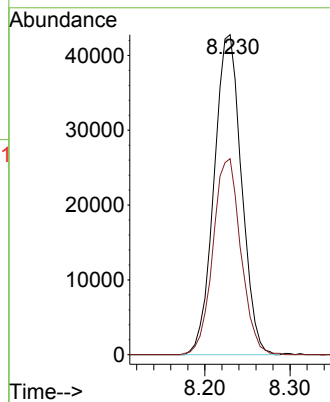
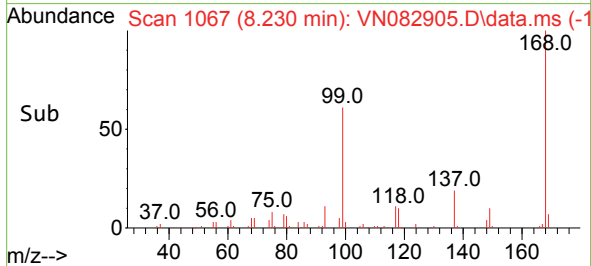


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Instrument :  
MSVOA\_N  
ClientSampleId :

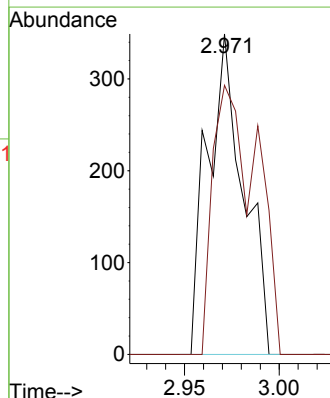
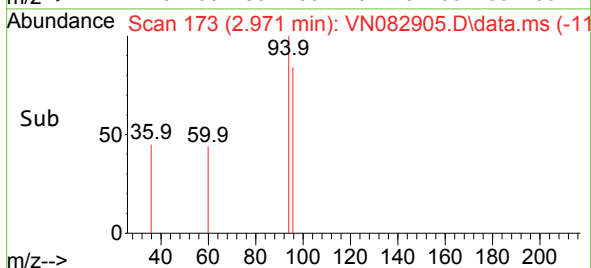
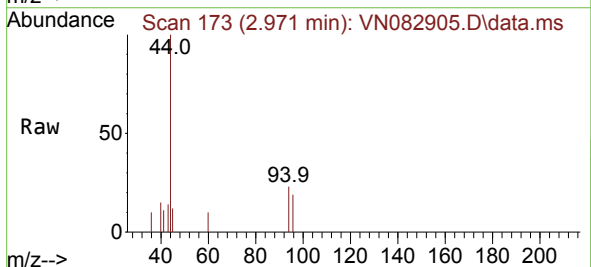


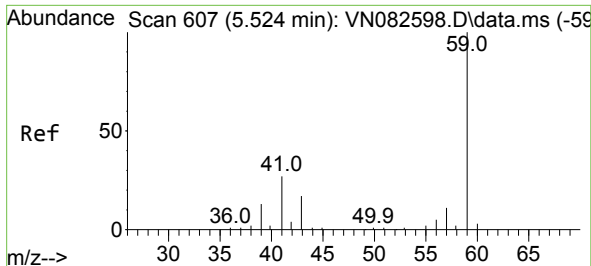
Tgt Ion:168 Resp: 95590  
Ion Ratio Lower Upper  
168 100  
99 61.2 48.2 72.4



#5  
Bromomethane  
Concen: 0.522 ug/l  
RT: 2.971 min Scan# 173  
Delta R.T. 0.024 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

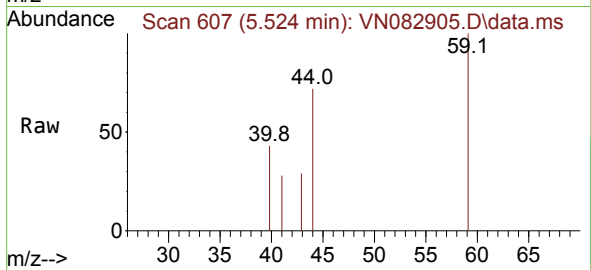
Tgt Ion: 94 Resp: 464  
Ion Ratio Lower Upper  
94 100  
96 84.0 78.0 117.0



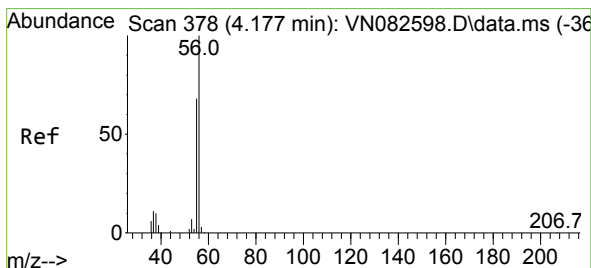
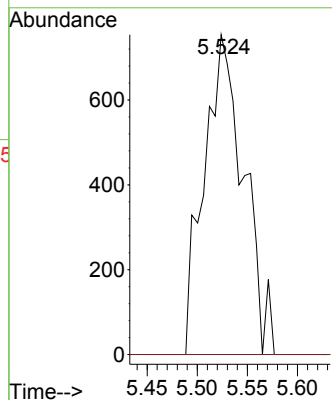
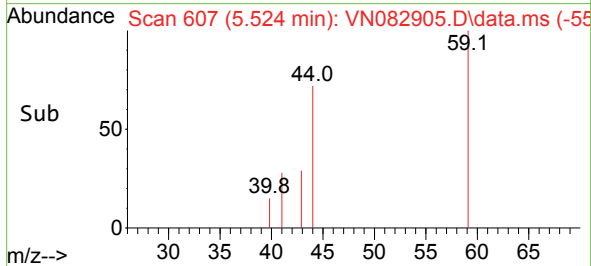


#11  
Tert butyl alcohol  
Concen: 9.211 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Instrument :  
MSVOA\_N  
ClientSampleId :

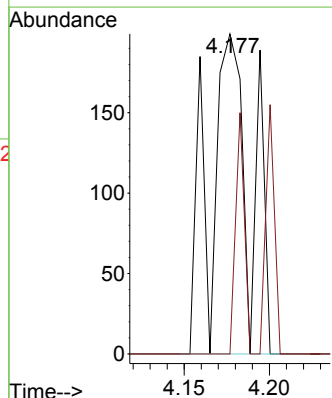
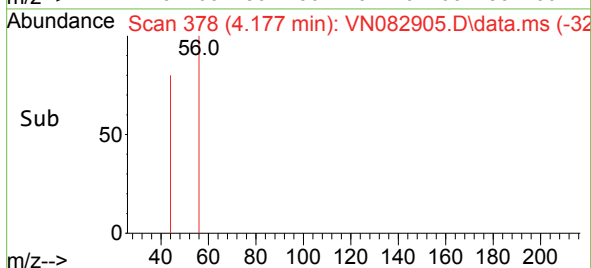
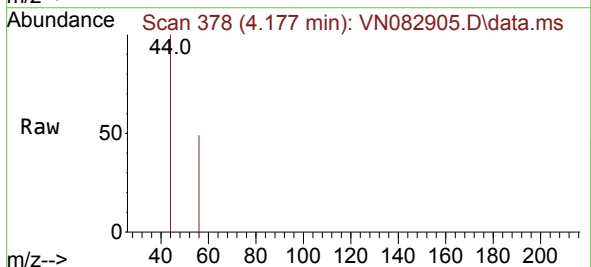


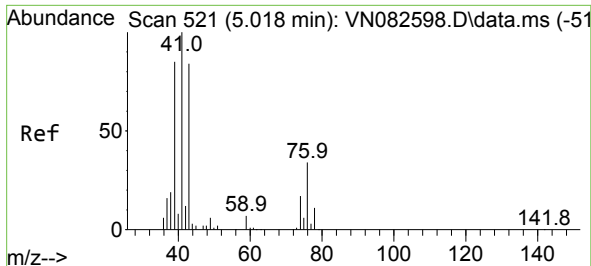
Tgt Ion: 59 Resp: 2076  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.9 13.3#



#13  
Acrolein  
Concen: 1.991 ug/l  
RT: 4.177 min Scan# 378  
Delta R.T. -0.000 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

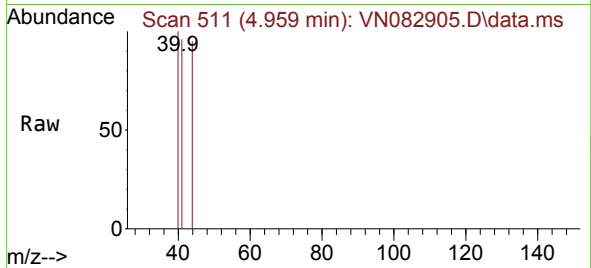
Tgt Ion: 56 Resp: 324  
Ion Ratio Lower Upper  
56 100  
55 16.4 56.4 84.6#



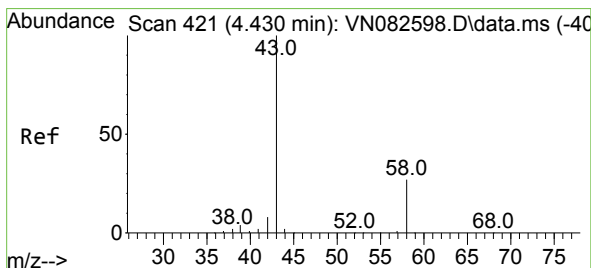
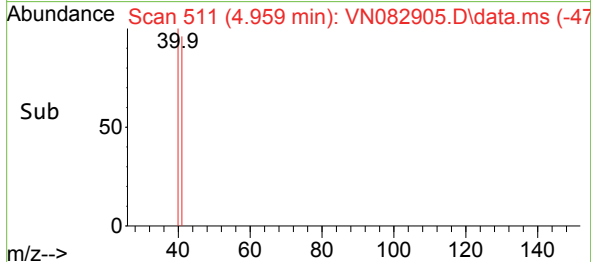
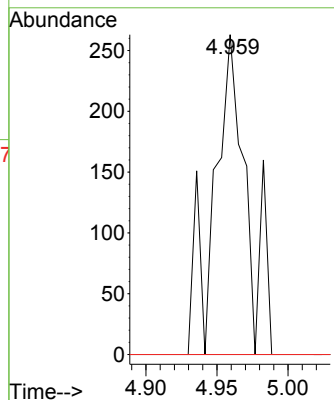


#14  
 Allyl chloride  
 Concen: 0.282 ug/l  
 RT: 4.959 min Scan# 511  
 Delta R.T. -0.059 min  
 Lab File: VN082905.D  
 Acq: 12 Jul 2024 17:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :

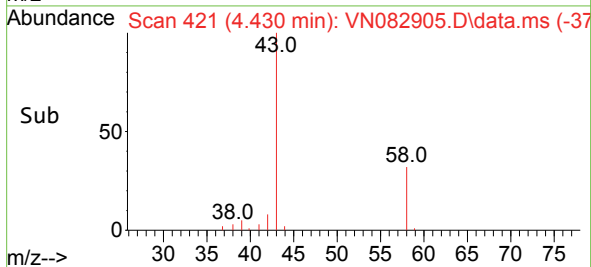
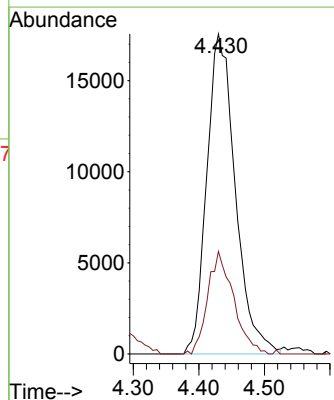
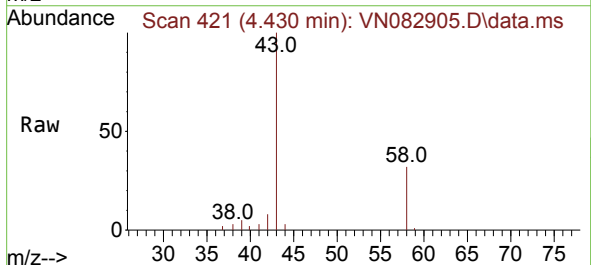


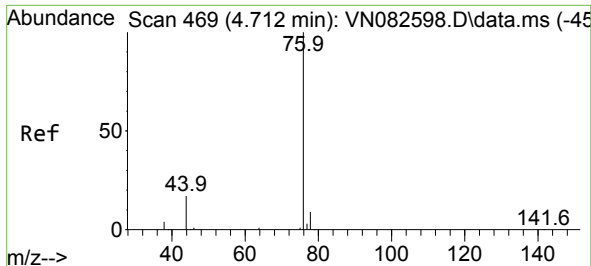
Tgt Ion: 41 Resp: 429  
 Ion Ratio Lower Upper  
 41 100  
 39 0.0 67.8 101.6#  
 76 0.0 25.8 38.8#



#16  
 Acetone  
 Concen: 112.466 ug/l  
 RT: 4.430 min Scan# 421  
 Delta R.T. -0.000 min  
 Lab File: VN082905.D  
 Acq: 12 Jul 2024 17:29

Tgt Ion: 43 Resp: 53058  
 Ion Ratio Lower Upper  
 43 100  
 58 32.0 21.8 32.6

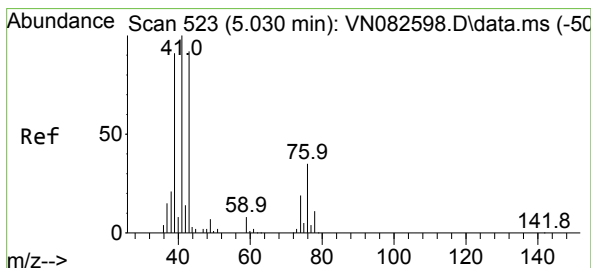
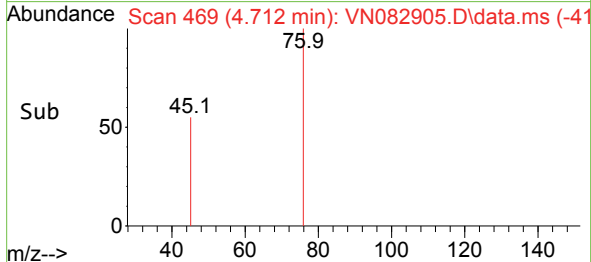
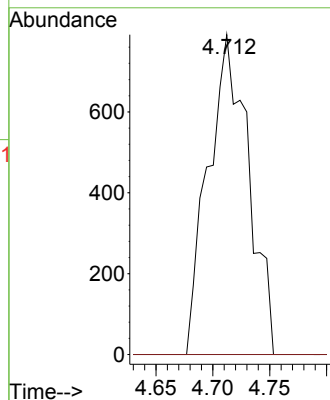
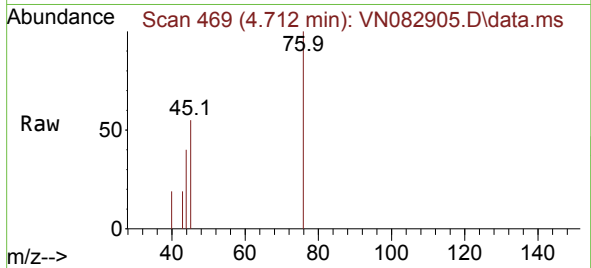




#17  
Carbon Disulfide  
Concen: 0.669 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

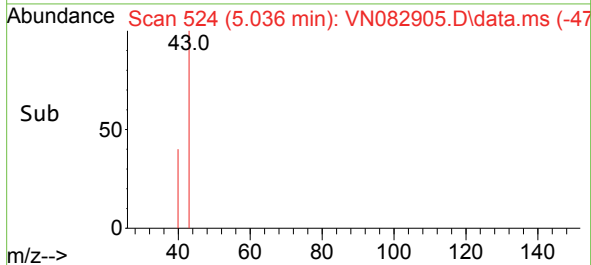
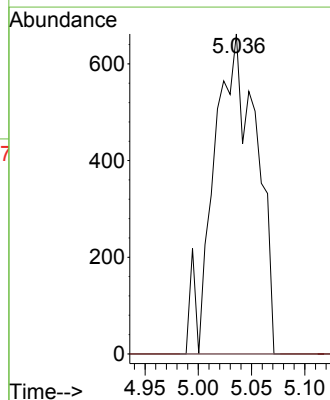
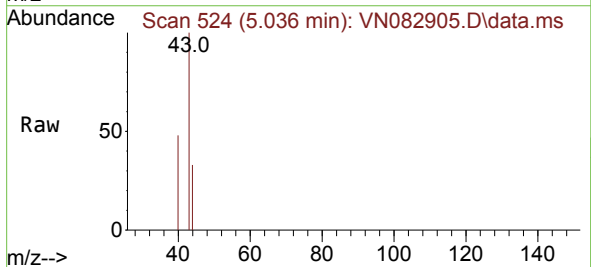
Instrument :  
MSVOA\_N  
ClientSampleId :

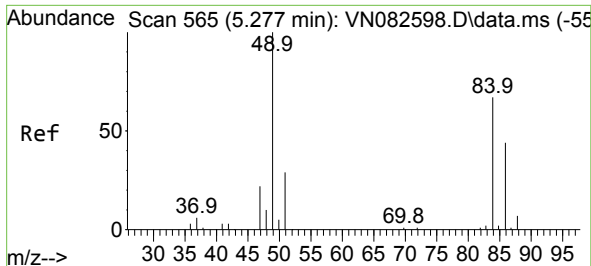
Tgt Ion: 76 Resp: 1952  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#



#18  
Methyl Acetate  
Concen: 1.472 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.006 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

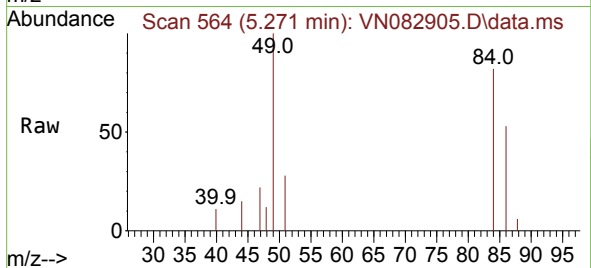
Tgt Ion: 43 Resp: 1838  
Ion Ratio Lower Upper  
43 100  
74 0.0 16.3 24.5#



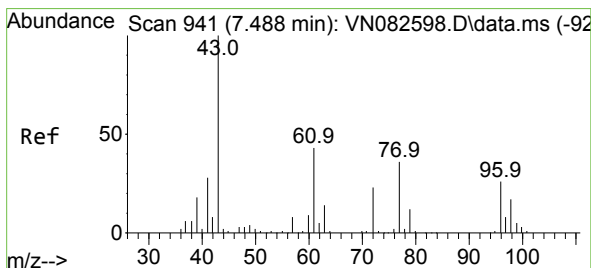
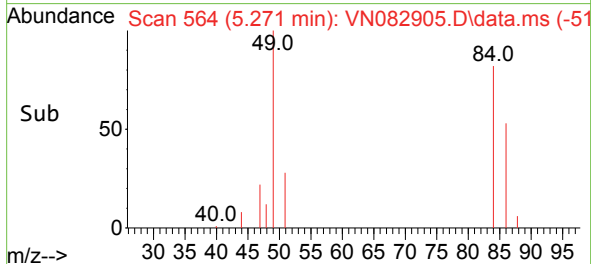
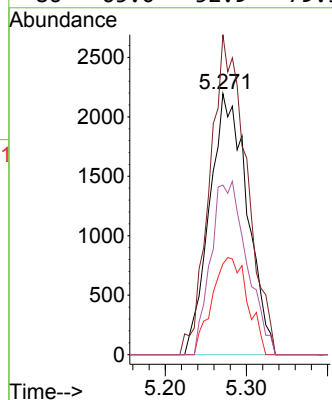


#20  
Methylene Chloride  
Concen: 6.219 ug/l  
RT: 5.271 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Instrument :  
MSVOA\_N  
ClientSampleId :

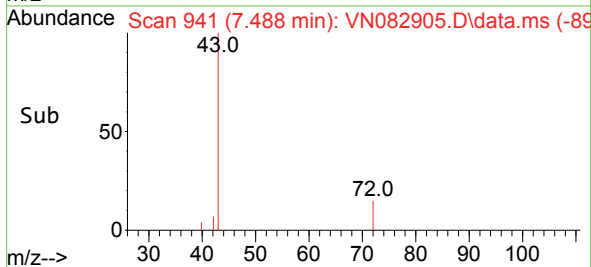
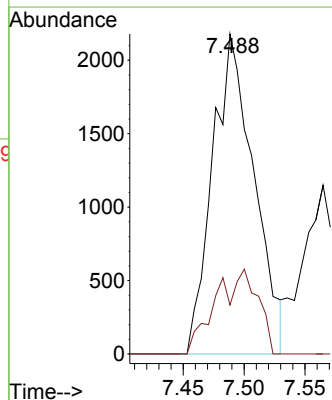
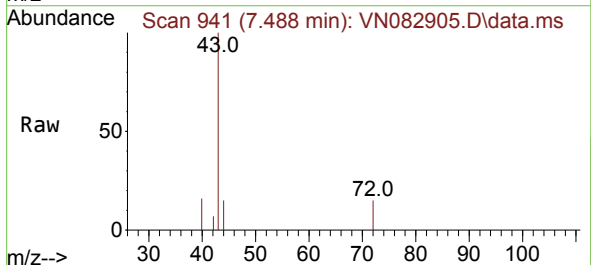


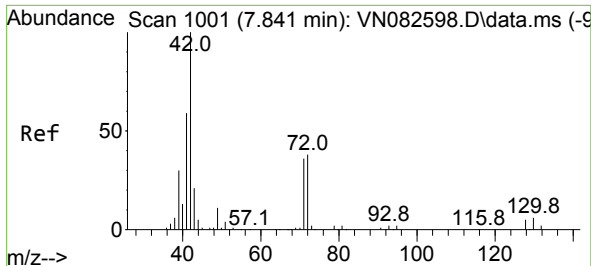
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 7085  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 122.7 | 119.6 | 179.4 |
| 51       | 34.8  | 34.8  | 52.2  |
| 86       | 65.0  | 52.9  | 79.3  |



#25  
2-Butanone  
Concen: 7.242 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 5159  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 15.3  | 18.2  | 27.2# |





#29

Tetrahydrofuran

Concen: 0.268 ug/l

RT: 7.865 min Scan# 10

Delta R.T. 0.024 min

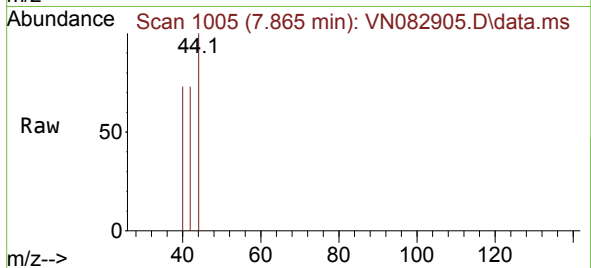
Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

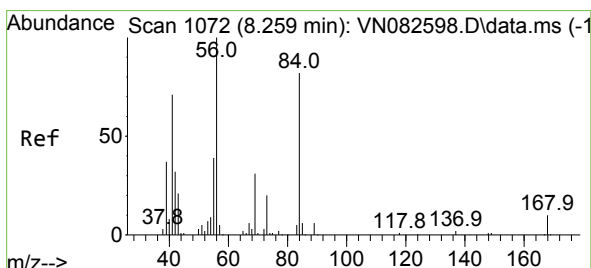
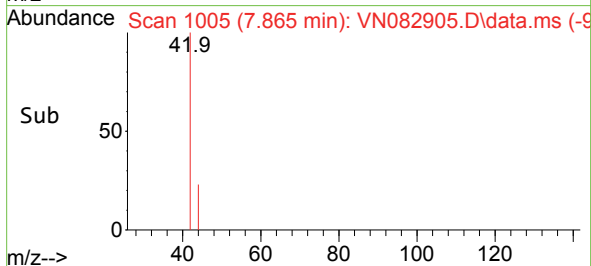
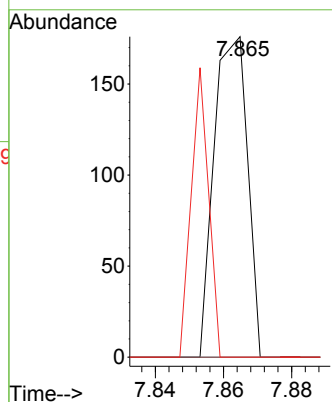
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 120   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 30.0  | 45.0# |
| 71       | 46.7  | 28.3  | 42.5# |



#31

Cyclohexane

Concen: 1.758 ug/l

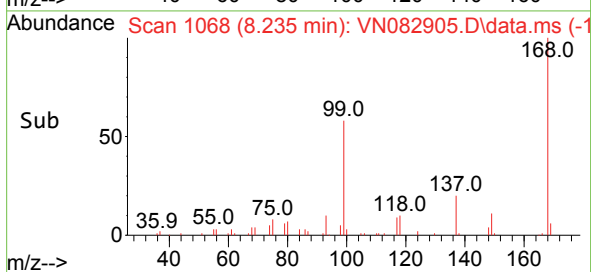
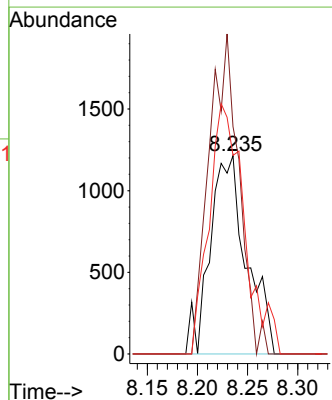
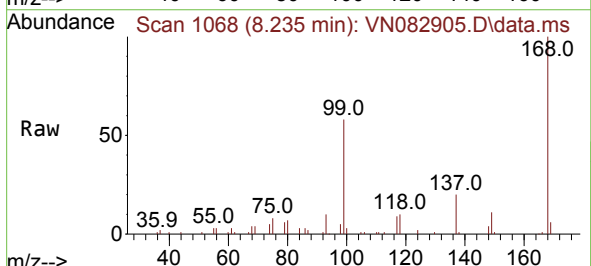
RT: 8.235 min Scan# 1068

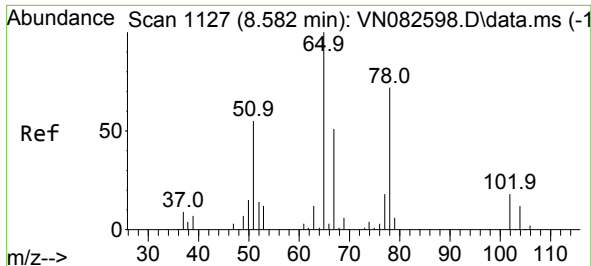
Delta R.T. -0.024 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 3079  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 114.7 | 24.5  | 36.7# |
| 84       | 100.1 | 66.0  | 99.0# |

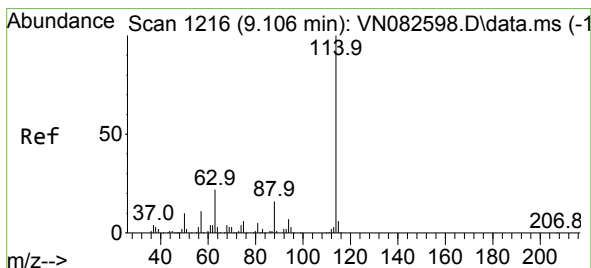
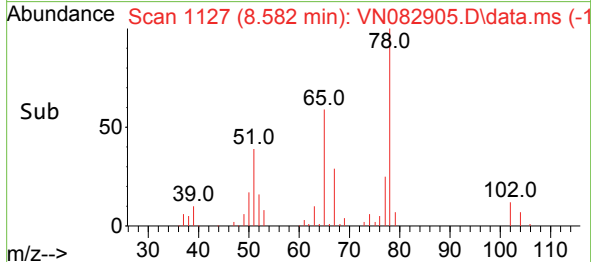
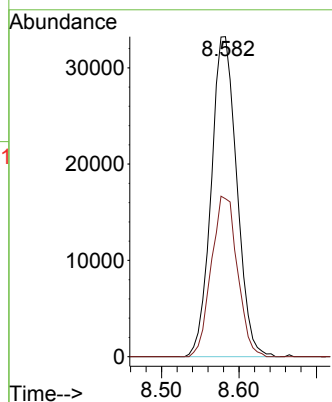
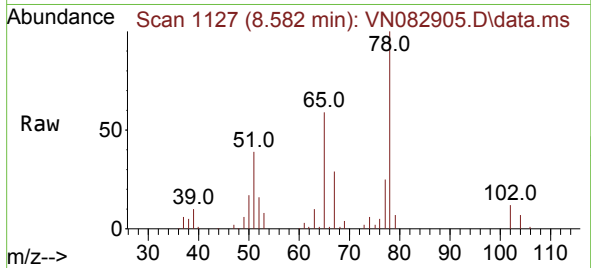




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.847 ug/l  
 RT: 8.582 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VN082905.D  
 Acq: 12 Jul 2024 17:29

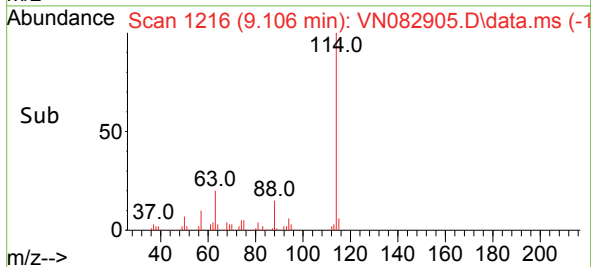
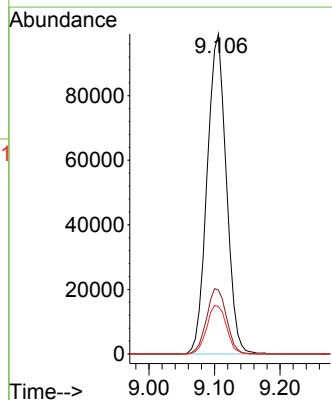
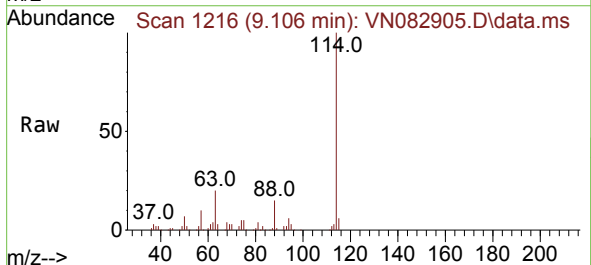
Instrument :  
 MSVOA\_N  
 ClientSampleId :

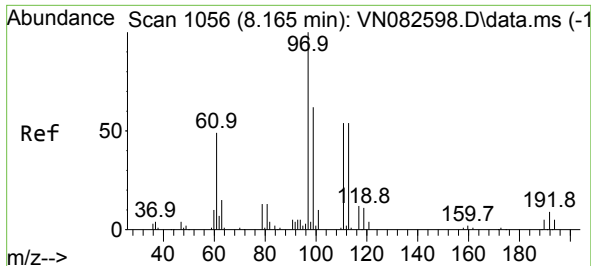
Tgt Ion: 65 Resp: 76174  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 1216  
 Delta R.T. -0.000 min  
 Lab File: VN082905.D  
 Acq: 12 Jul 2024 17:29

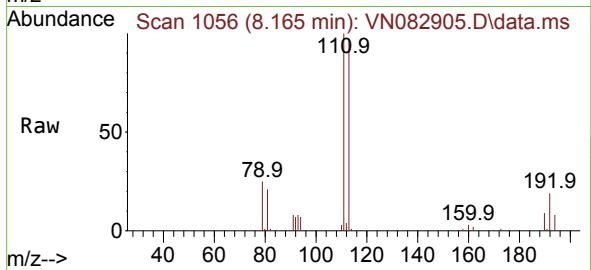
Tgt Ion: 114 Resp: 201453  
 Ion Ratio Lower Upper  
 114 100  
 63 19.9 0.0 44.6  
 88 14.8 0.0 31.4



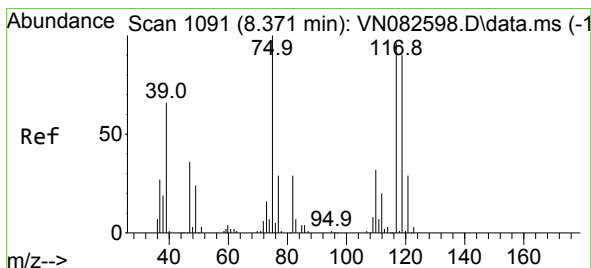
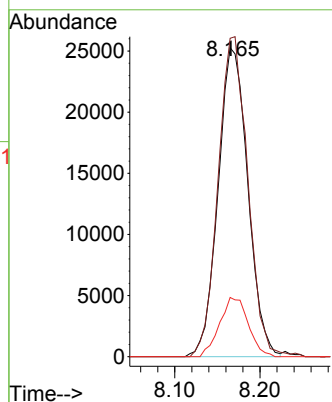
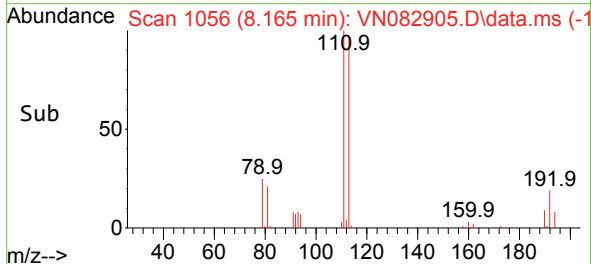


#35  
Dibromofluoromethane  
Concen: 47.357 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Instrument :  
MSVOA\_N  
ClientSampleId :

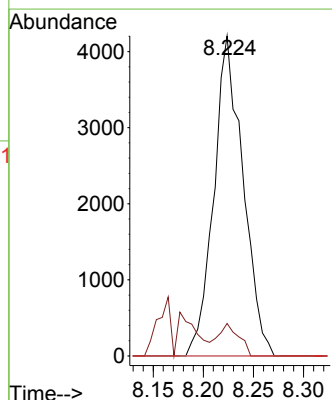
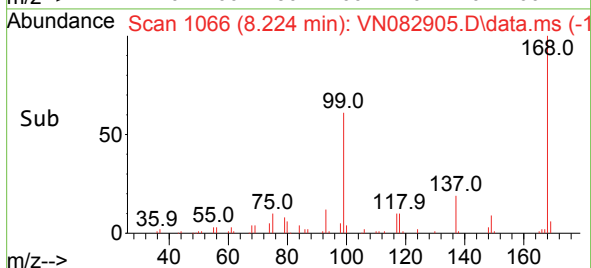
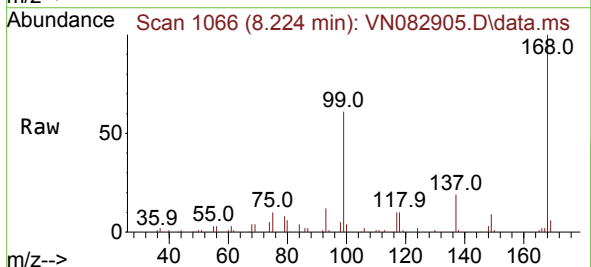


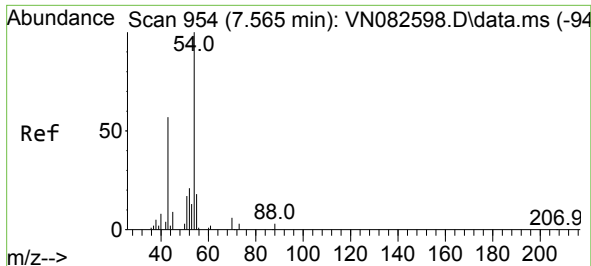
Tgt Ion:113 Resp: 61217  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.4 123.6  
192 18.4 14.9 22.3



#36  
1,1-Dichloropropene  
Concen: 4.765 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.147 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Tgt Ion: 75 Resp: 8493  
Ion Ratio Lower Upper  
75 100  
110 7.2 16.3 48.9#  
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.379 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

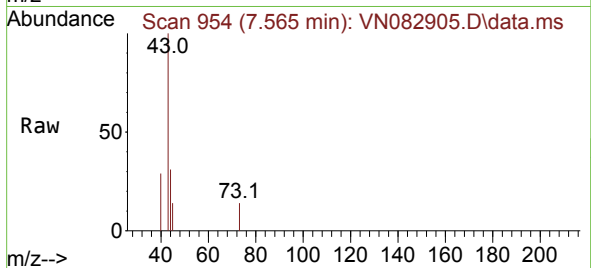
Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

ClientSampleId :



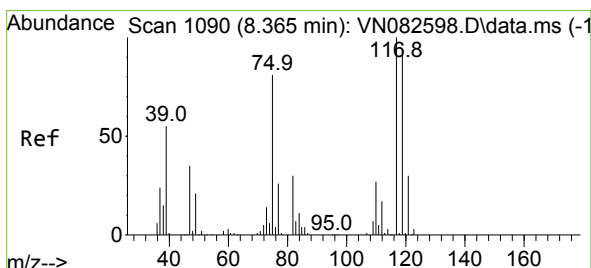
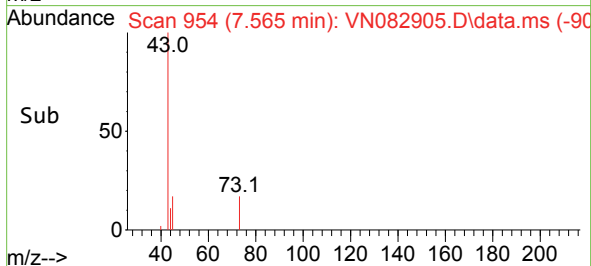
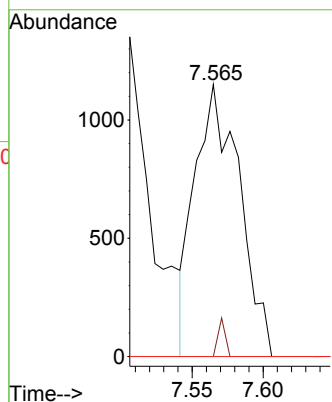
Tgt Ion: 43 Resp: 2502

Ion Ratio Lower Upper

43 100

61 2.3 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 4.806 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

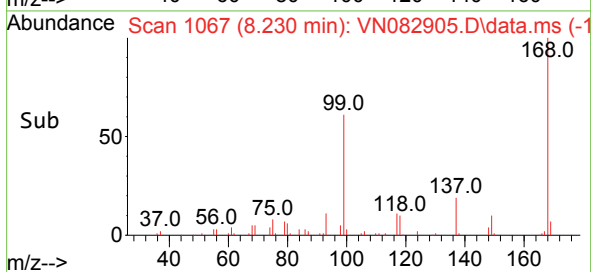
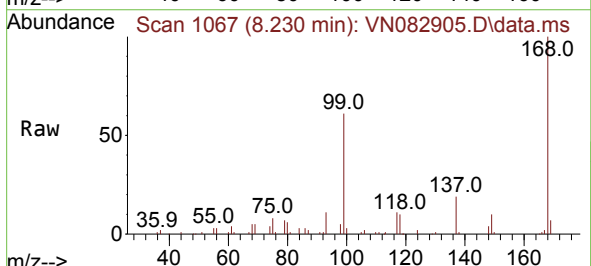
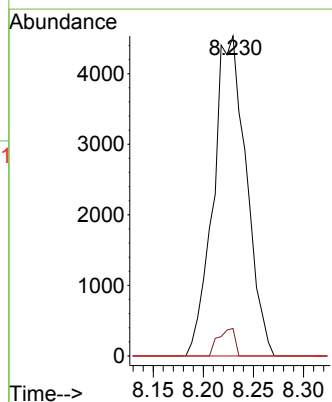
Tgt Ion: 117 Resp: 10313

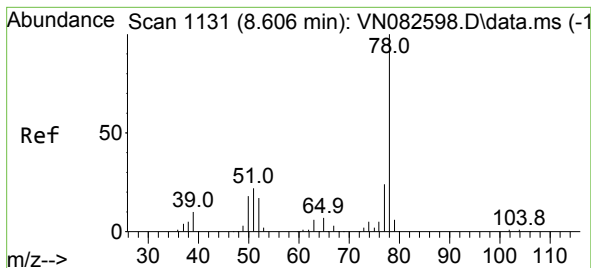
Ion Ratio Lower Upper

117 100

119 8.6 74.9 112.3#

121 0.0 24.3 36.5#





#40

Benzene

Concen: 103.028 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

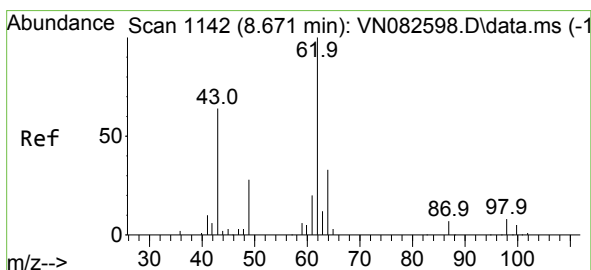
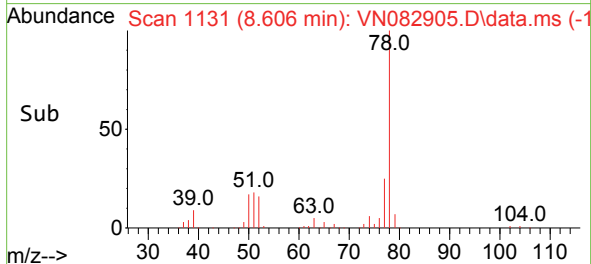
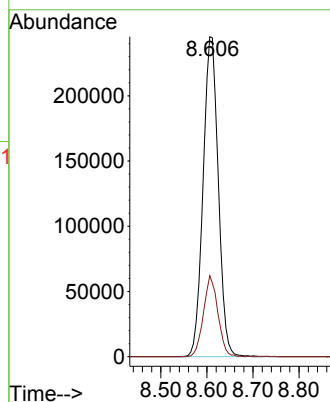
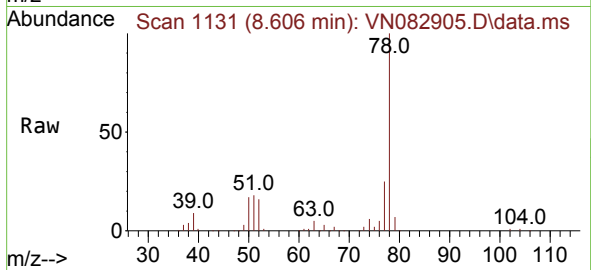
ClientSampleId :

Tgt Ion: 78 Resp: 564830

Ion Ratio Lower Upper

78 100

77 25.3 19.0 28.4



#42

1,2-Dichloroethane

Concen: 0.322 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.023 min

Lab File: VN082905.D

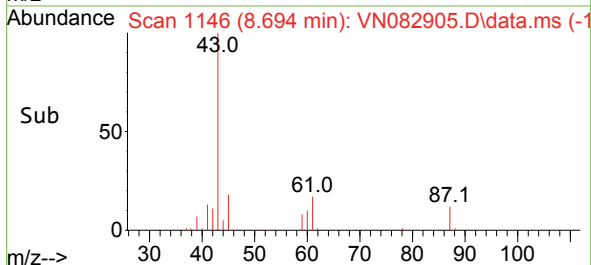
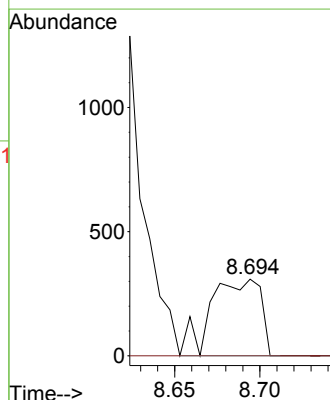
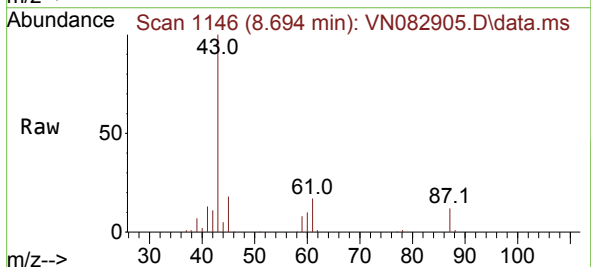
Acq: 12 Jul 2024 17:29

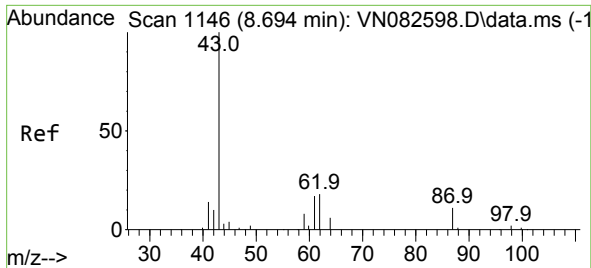
Tgt Ion: 62 Resp: 635

Ion Ratio Lower Upper

62 100

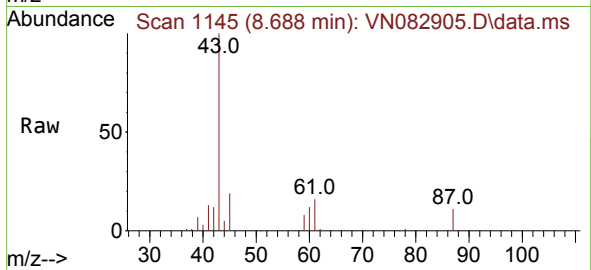
98 0.0 0.0 15.8



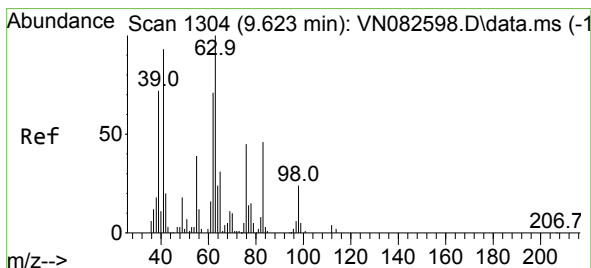
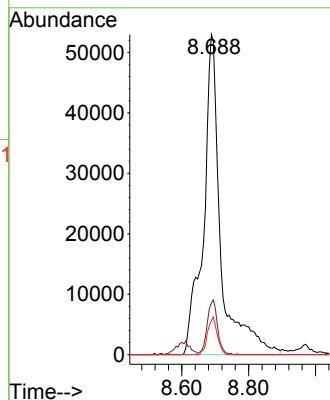
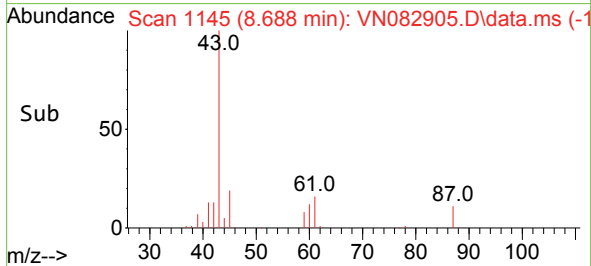


#43  
Isopropyl Acetate  
Concen: 56.445 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Instrument :  
MSVOA\_N  
ClientSampleId :

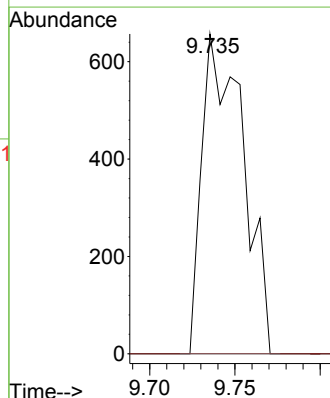
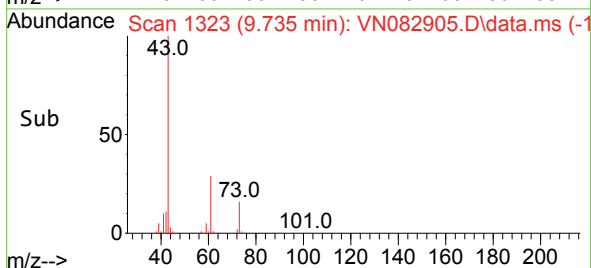
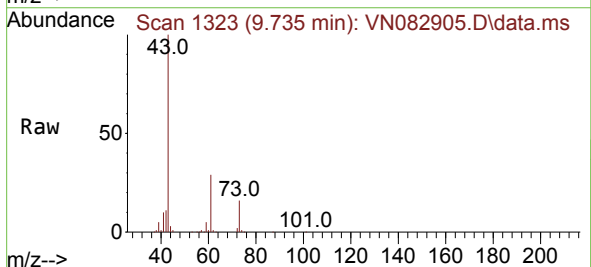


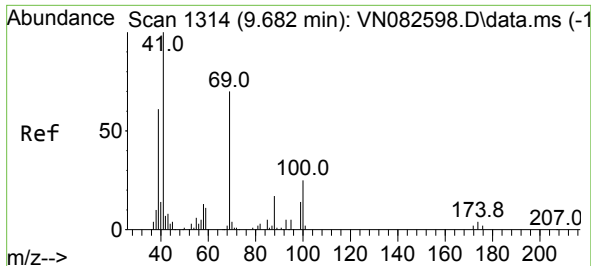
Tgt Ion: 43 Resp: 191811  
Ion Ratio Lower Upper  
43 100  
61 10.1 17.8 26.6#  
87 6.5 8.2 12.2#



#45  
1,2-Dichloropropane  
Concen: 0.866 ug/l  
RT: 9.735 min Scan# 1323  
Delta R.T. 0.112 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Tgt Ion: 63 Resp: 1108  
Ion Ratio Lower Upper  
63 100  
65 0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 2.440 ug/l

RT: 9.659 min Scan# 11

Delta R.T. -0.023 min

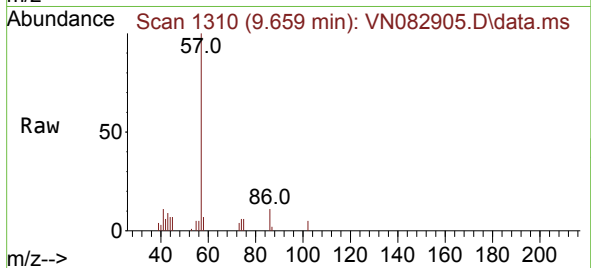
Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

ClientSampleId :



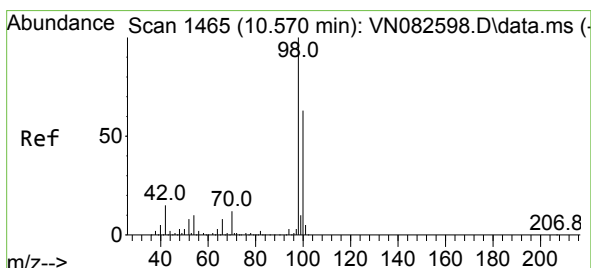
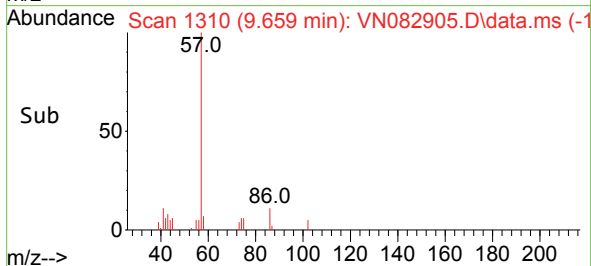
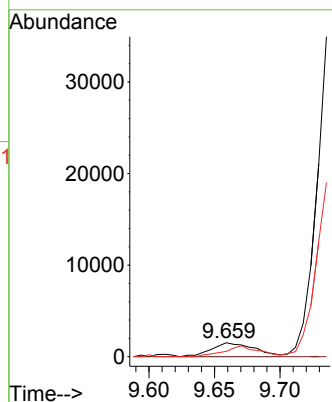
Tgt Ion: 41 Resp: 3471

Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 62.5 50.3 75.5



#50

Toluene-d8

Concen: 52.558 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082905.D

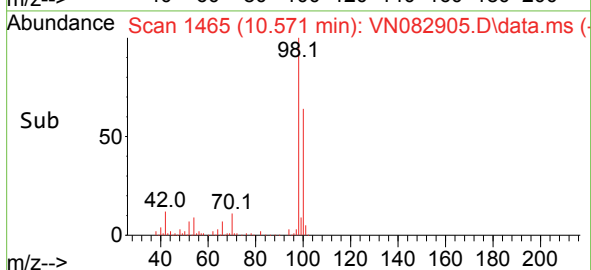
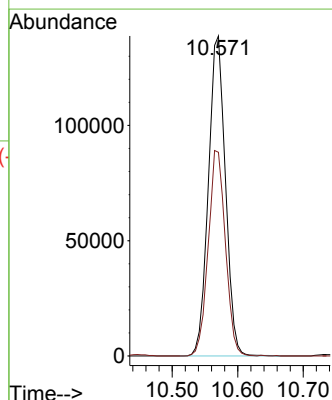
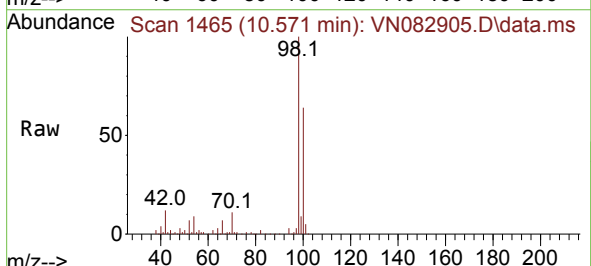
Acq: 12 Jul 2024 17:29

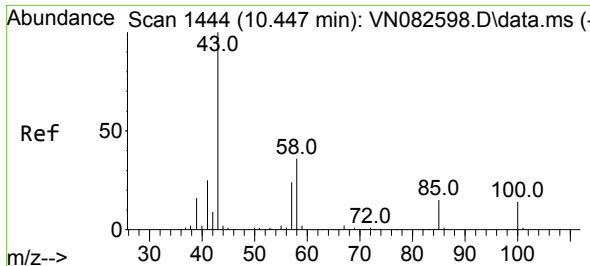
Tgt Ion: 98 Resp: 250937

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3

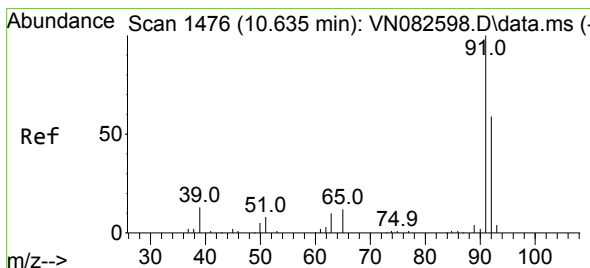
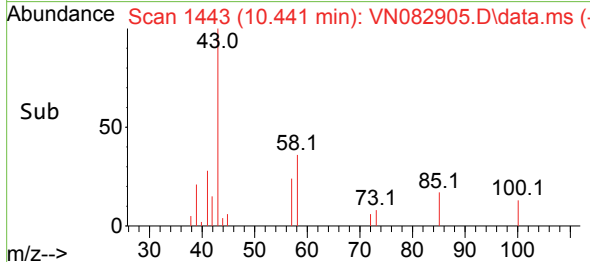
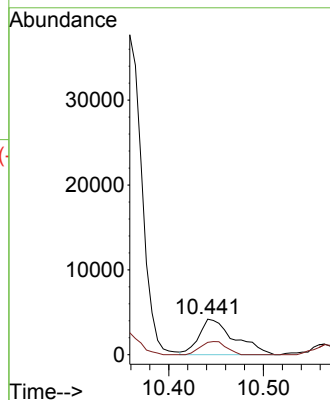
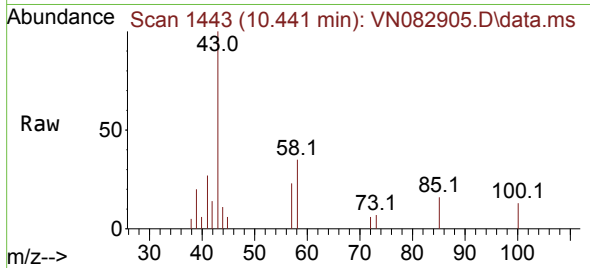




#51  
4-Methyl-2-Pentanone  
Concen: 6.035 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

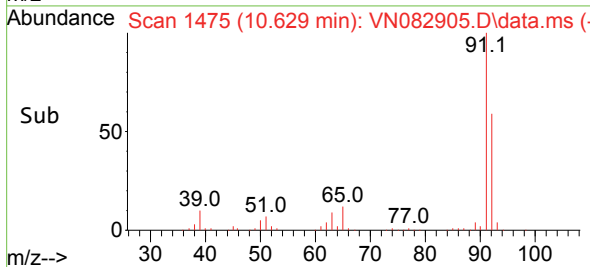
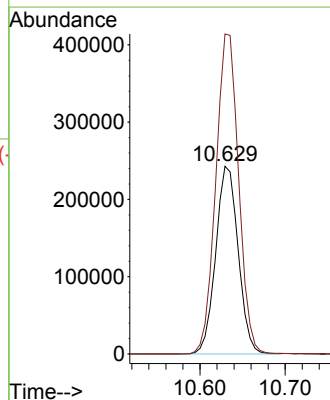
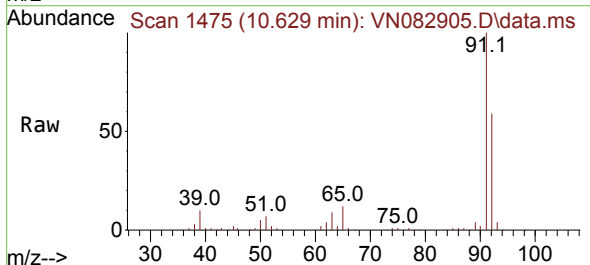
Instrument :  
MSVOA\_N  
ClientSampleId :

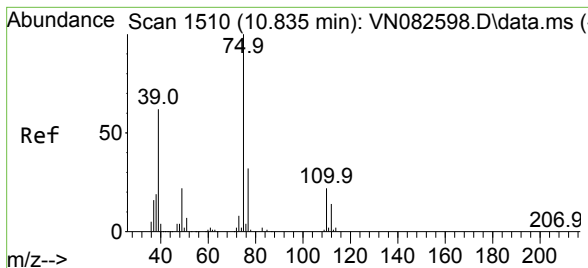
Tgt Ion: 43 Resp: 10856  
Ion Ratio Lower Upper  
43 100  
58 26.7 28.2 42.4#



#52  
Toluene  
Concen: 129.923 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

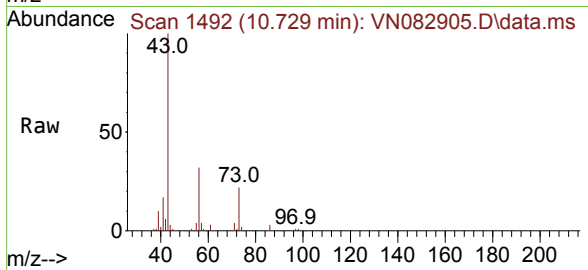
Tgt Ion: 92 Resp: 444937  
Ion Ratio Lower Upper  
92 100  
91 173.5 139.4 209.0



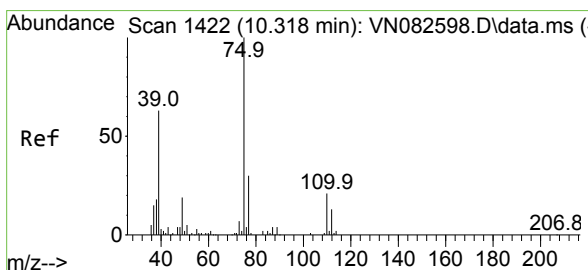
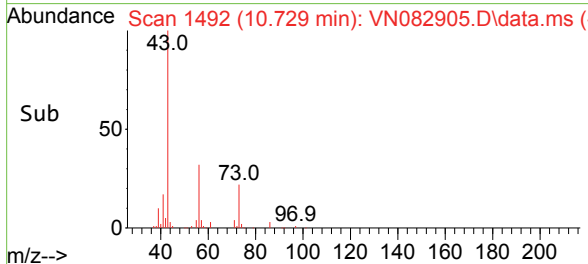
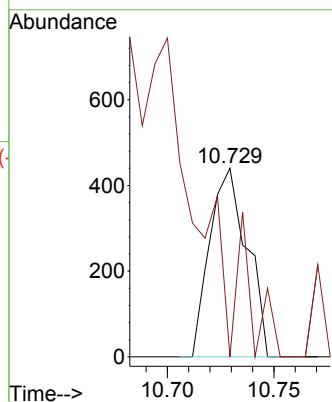


#53  
 t-1,3-Dichloropropene  
 Concen: 0.253 ug/l  
 RT: 10.729 min Scan# 1492  
 Delta R.T. -0.106 min  
 Lab File: VN082905.D  
 Acq: 12 Jul 2024 17:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :

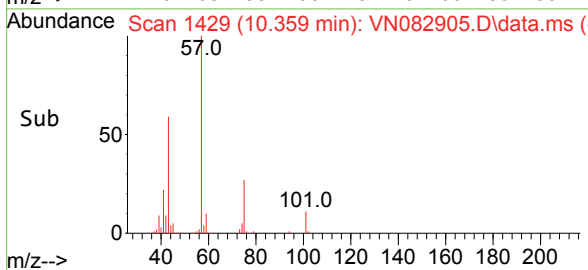
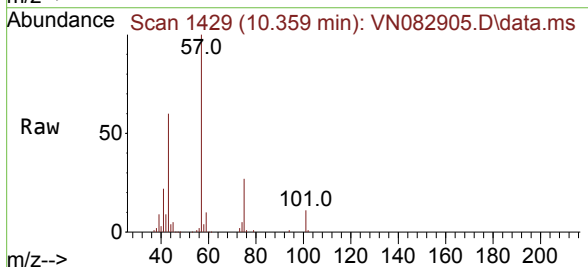
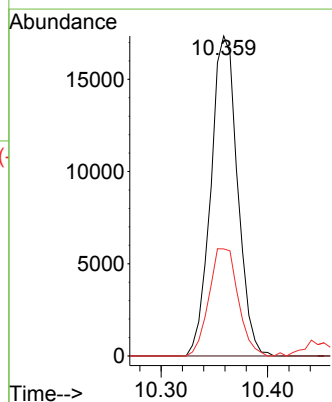


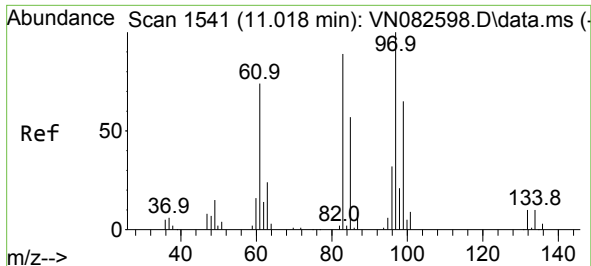
Tgt Ion: 75 Resp: 536  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.7 38.5#



#54  
 cis-1,3-Dichloropropene  
 Concen: 13.441 ug/l  
 RT: 10.359 min Scan# 1429  
 Delta R.T. 0.041 min  
 Lab File: VN082905.D  
 Acq: 12 Jul 2024 17:29

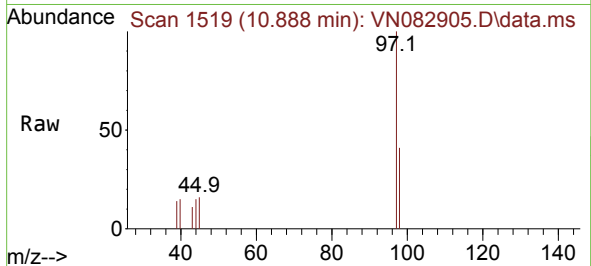
Tgt Ion: 75 Resp: 30197  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 24.3 36.5#  
 39 33.4 50.5 75.7#



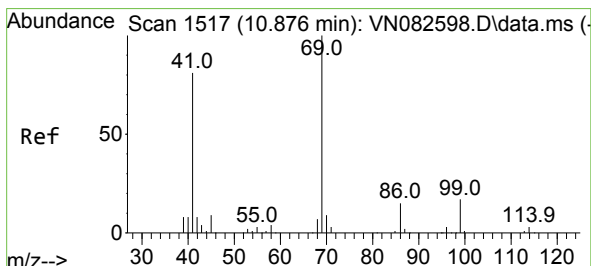
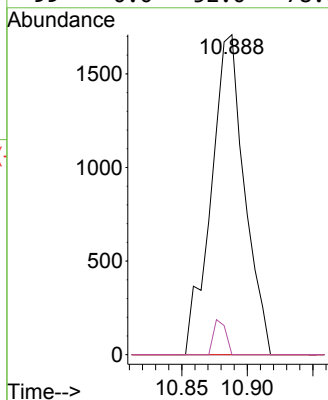
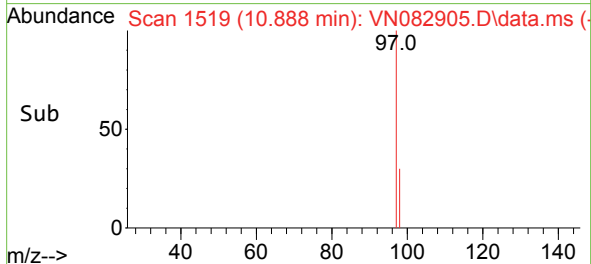


#55  
1,1,2-Trichloroethane  
Concen: 2.404 ug/l  
RT: 10.888 min Scan# 1519  
Delta R.T. -0.130 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

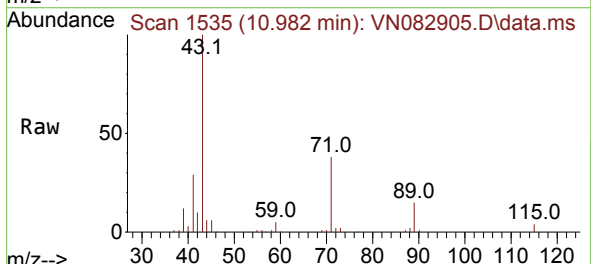
Instrument :  
MSVOA\_N  
ClientSampleId :



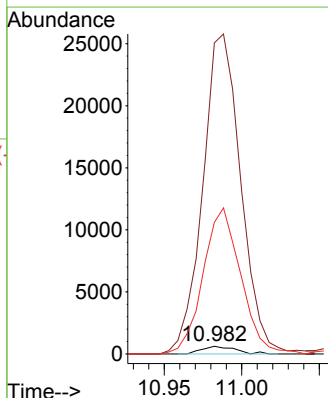
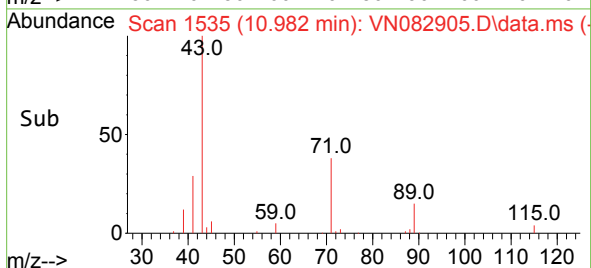
Tgt Ion: 97 Resp: 3027  
Ion Ratio Lower Upper  
97 100  
83 0.0 71.4 107.0#  
85 0.0 45.8 68.6#  
99 0.0 52.0 78.0#

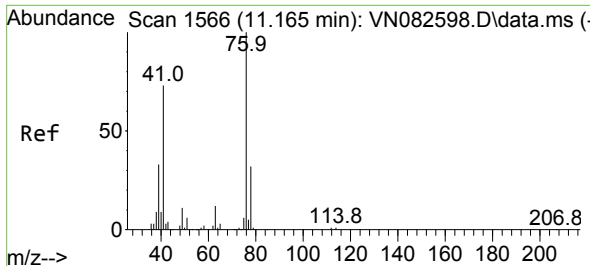


#56  
Ethyl methacrylate  
Concen: 0.478 ug/l  
RT: 10.982 min Scan# 1535  
Delta R.T. 0.106 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29



Tgt Ion: 69 Resp: 936  
Ion Ratio Lower Upper  
69 100  
41 4713.8 63.4 95.2#  
39 2126.3 37.4 56.0#





#57

1,3-Dichloropropane

Concen: 1.754 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

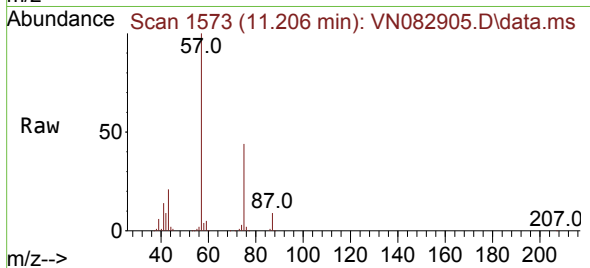
Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

ClientSampleId :

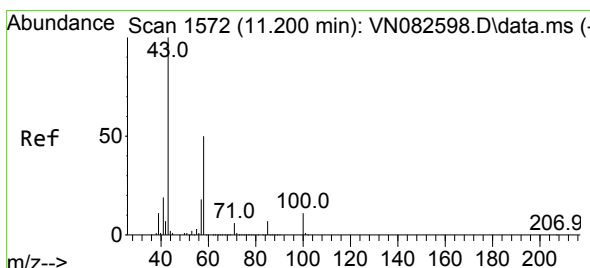
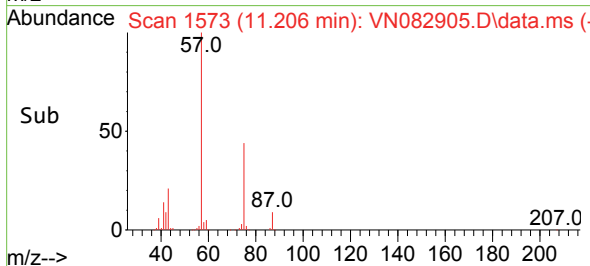
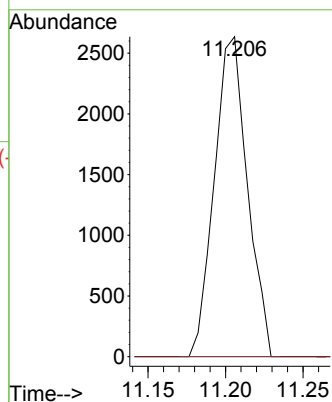


Tgt Ion: 76 Resp: 3910

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 39.215 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VN082905.D

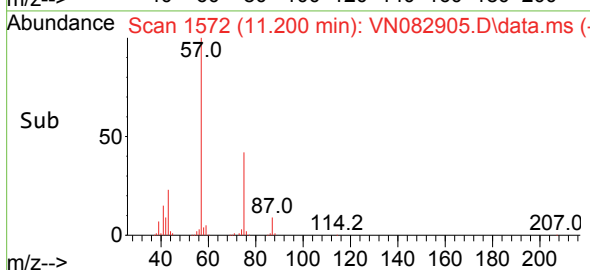
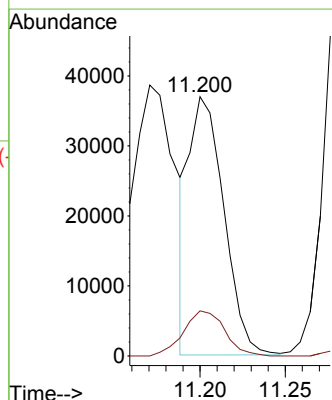
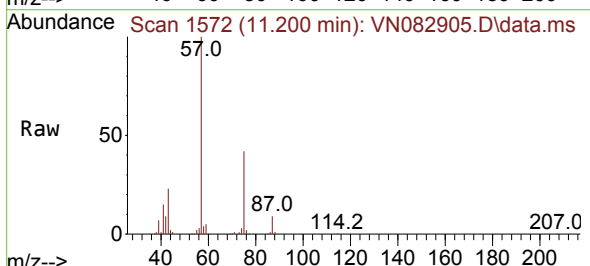
Acq: 12 Jul 2024 17:29

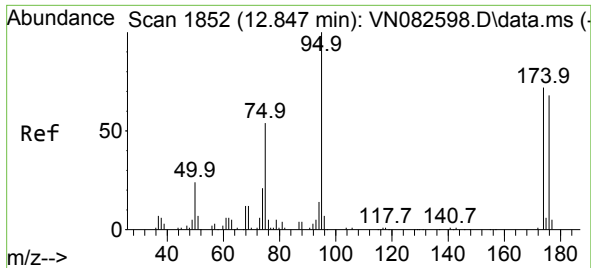
Tgt Ion: 43 Resp: 52447

Ion Ratio Lower Upper

43 100

58 20.7 24.6 73.8#

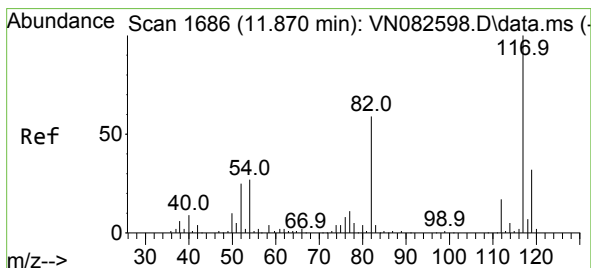
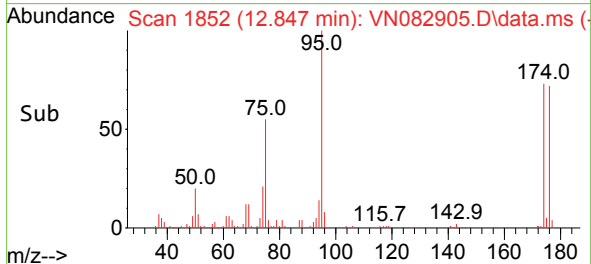
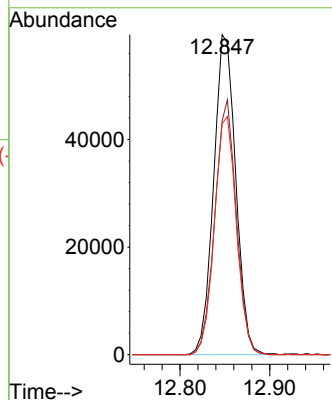
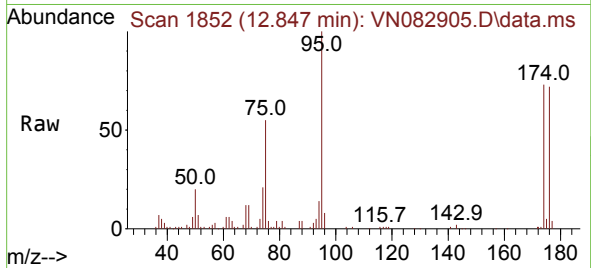




#62  
4-Bromofluorobenzene  
Concen: 59.402 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

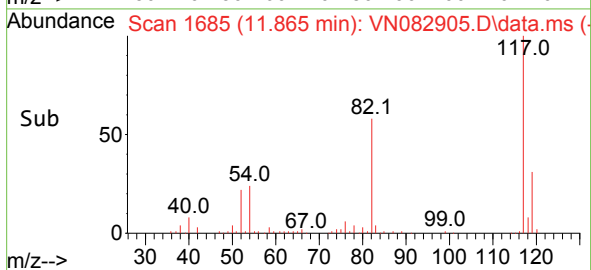
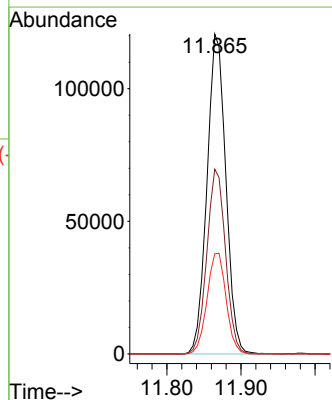
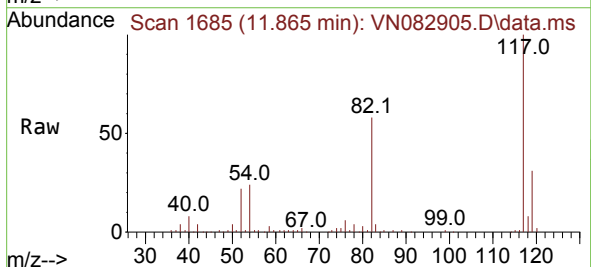
Instrument :  
MSVOA\_N  
ClientSampleId :

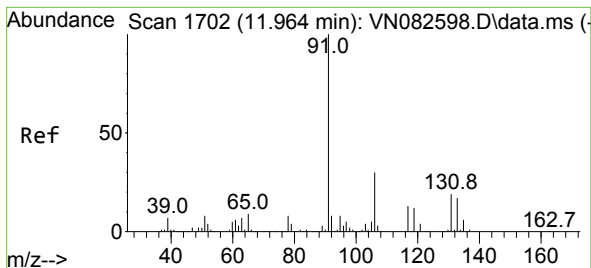
Tgt Ion: 95 Resp: 101876  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 159.2  
176 73.9 0.0 147.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.005 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Tgt Ion: 117 Resp: 212913  
Ion Ratio Lower Upper  
117 100  
82 57.8 47.5 71.3  
119 31.3 25.6 38.4





#67

Ethyl Benzene

Concen: 11.378 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.001 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

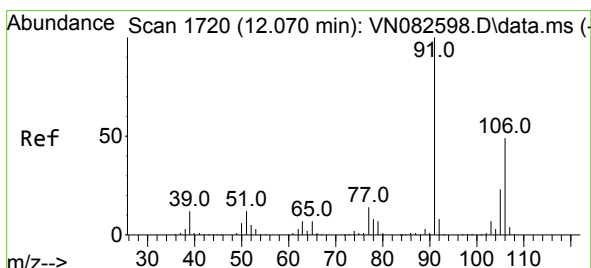
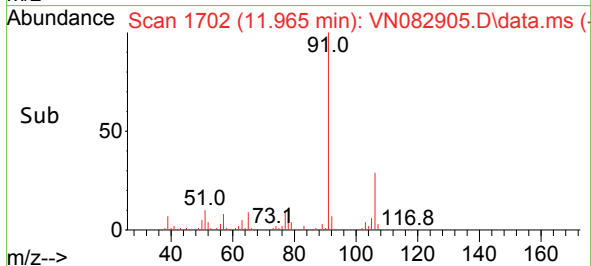
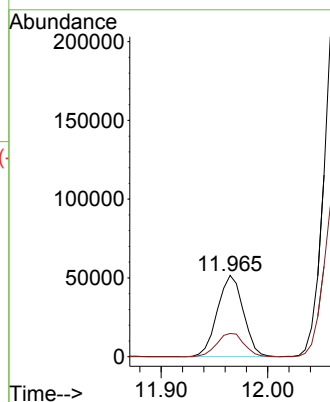
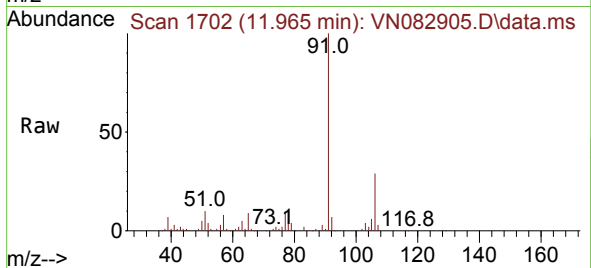
ClientSampleId :

Tgt Ion: 91 Resp: 87249

Ion Ratio Lower Upper

91 100

106 28.6 24.0 36.0



#68

m/p-Xylenes

Concen: 84.778 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN082905.D

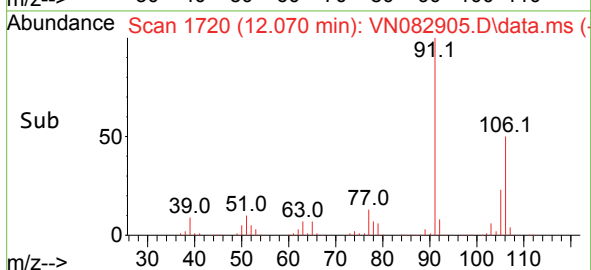
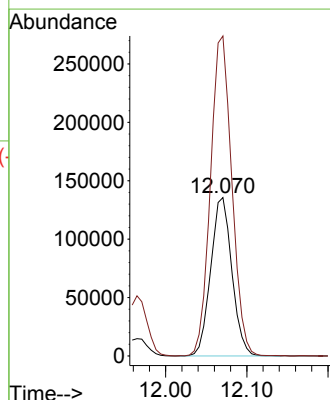
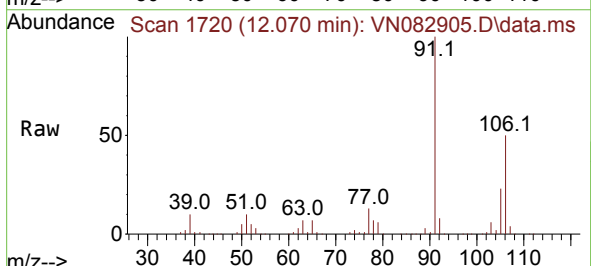
Acq: 12 Jul 2024 17:29

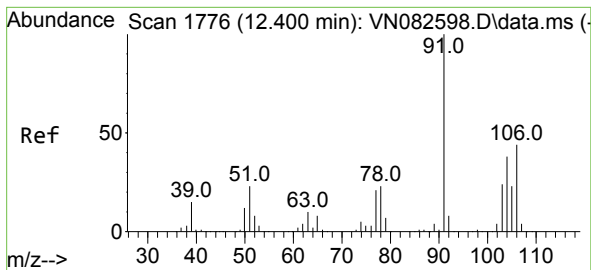
Tgt Ion:106 Resp: 245430

Ion Ratio Lower Upper

106 100

91 204.5 166.1 249.1





#69

o-Xylene

Concen: 92.145 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

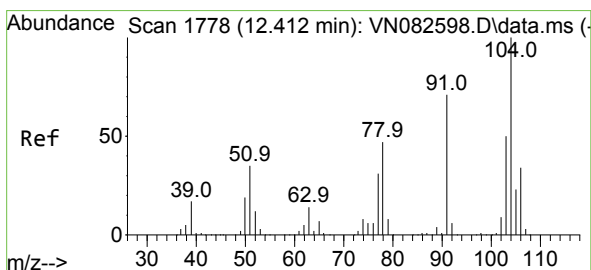
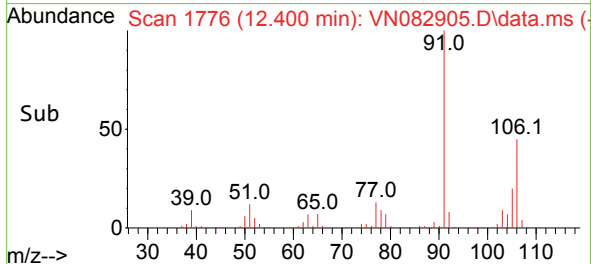
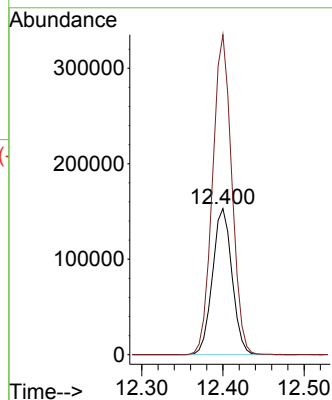
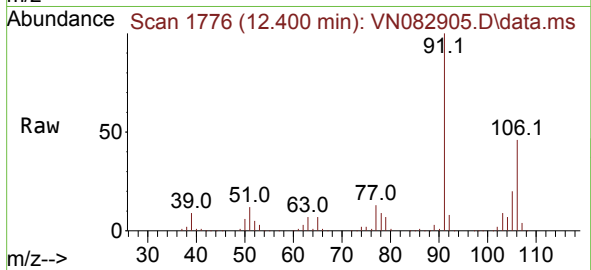
ClientSampleId :

Tgt Ion:106 Resp: 255600

Ion Ratio Lower Upper

106 100

91 216.1 111.3 333.9



#70

Styrene

Concen: 13.177 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

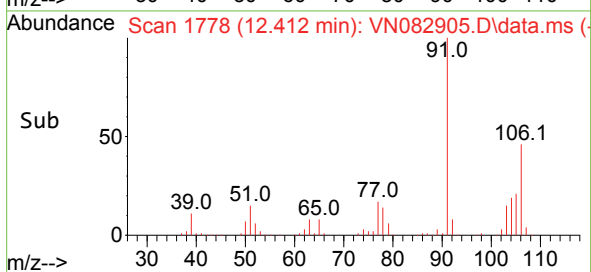
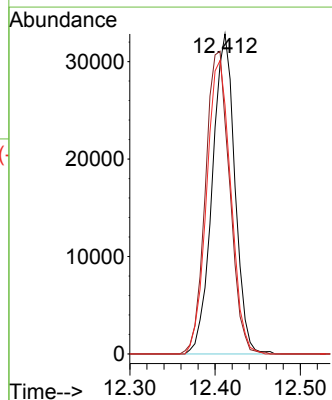
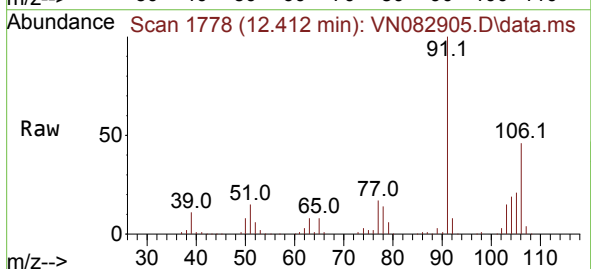
Tgt Ion:104 Resp: 60394

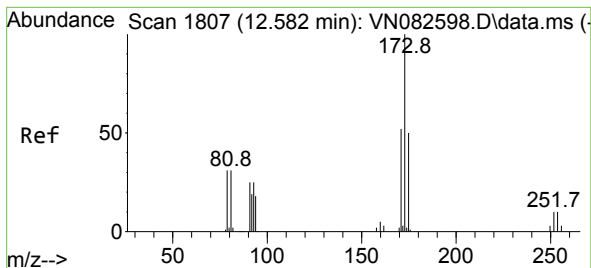
Ion Ratio Lower Upper

104 100

78 101.2 41.6 62.4#

103 98.3 44.0 66.0#





#71

Bromoform

Concen: 0.507 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

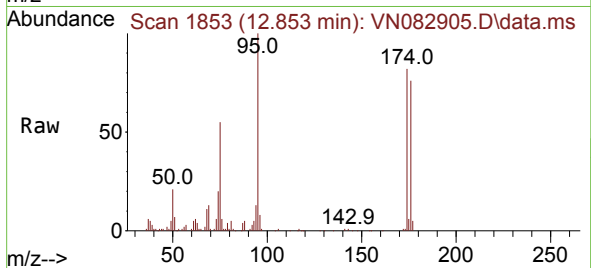
Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

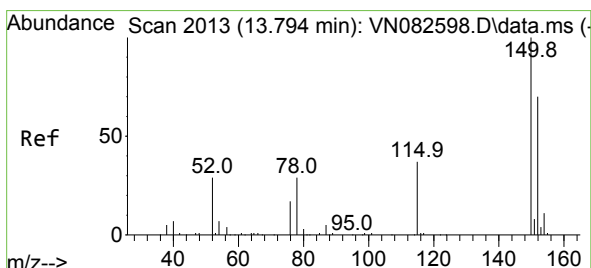
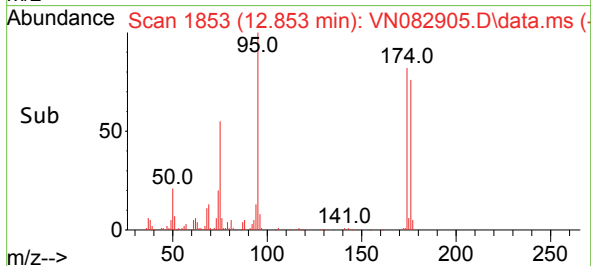
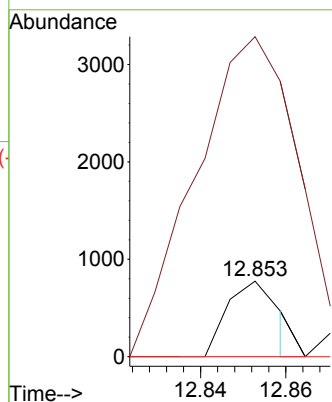
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 647   |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 730.0 | 24.0  | 72.0# |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

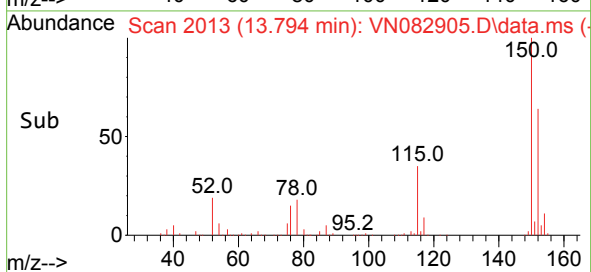
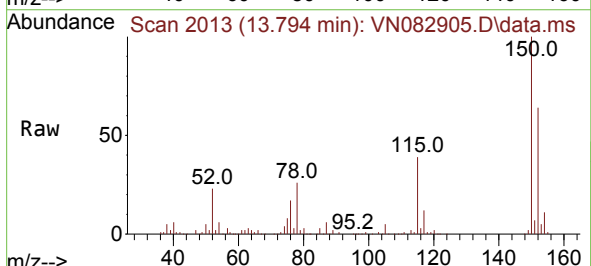
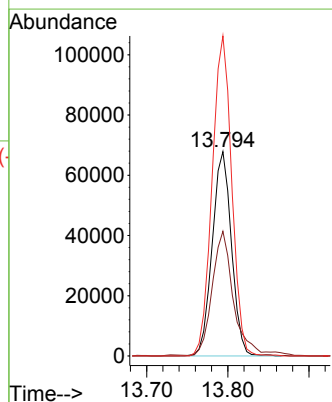
RT: 13.794 min Scan# 2013

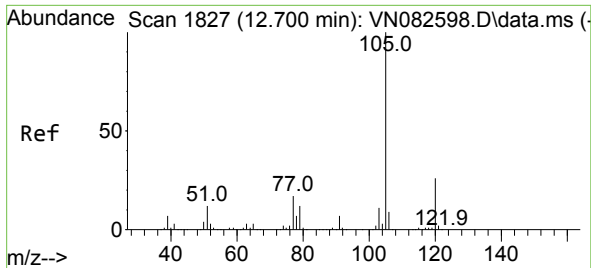
Delta R.T. -0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

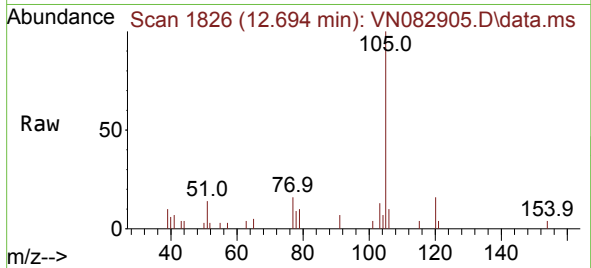
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 111673 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 68.6  | 30.6  | 91.6   |
| 150       | 159.4 | 0.0   | 348.6  |



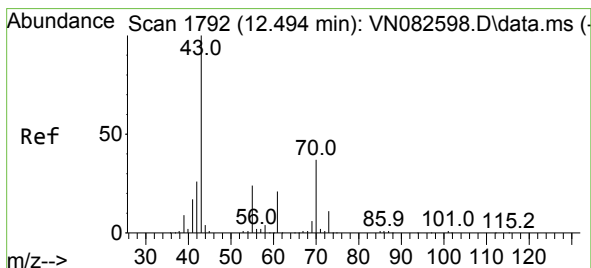
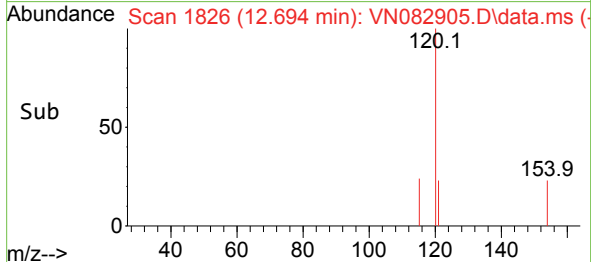
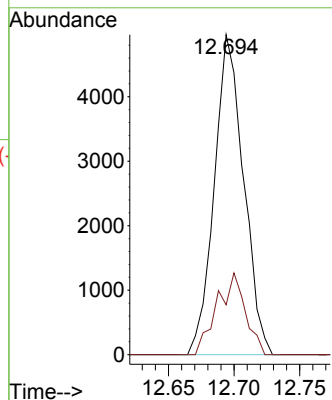


#73  
Isopropylbenzene  
Concen: 0.948 ug/l  
RT: 12.694 min Scan# 1786  
Delta R.T. -0.006 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Instrument :  
MSVOA\_N  
ClientSampleId :

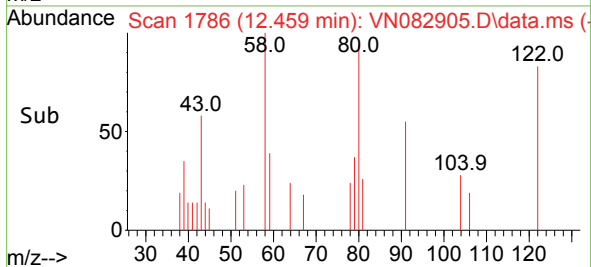
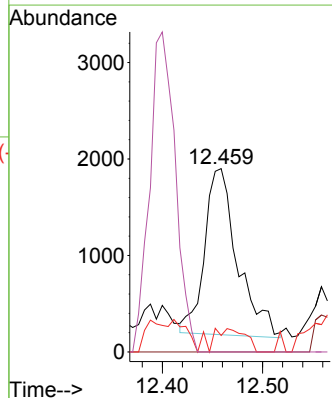
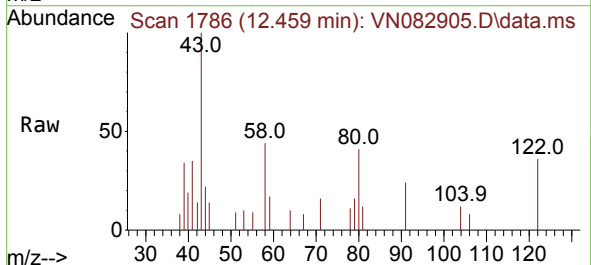


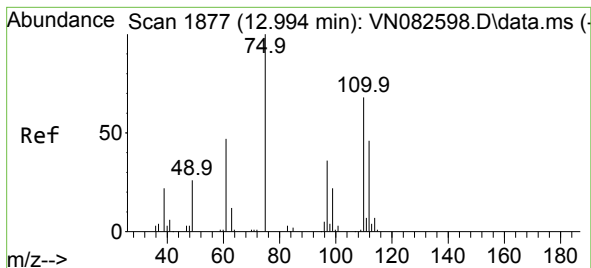
Tgt Ion:105 Resp: 7694  
Ion Ratio Lower Upper  
105 100  
120 24.7 12.9 38.6



#74  
N-ethyl acetate  
Concen: 1.169 ug/l  
RT: 12.459 min Scan# 1786  
Delta R.T. -0.035 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Tgt Ion: 43 Resp: 3925  
Ion Ratio Lower Upper  
43 100  
70 0.0 29.8 44.6#  
55 14.5 18.7 28.1#  
61 0.0 17.4 26.0#





#76

1,2,3-Trichloropropane

Concen: 29.270 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

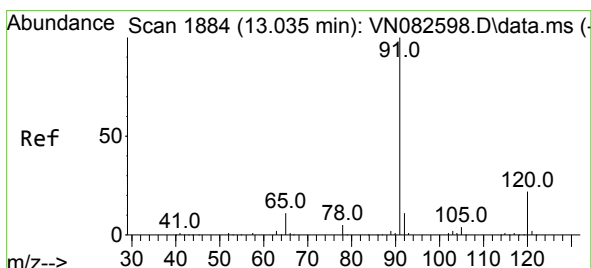
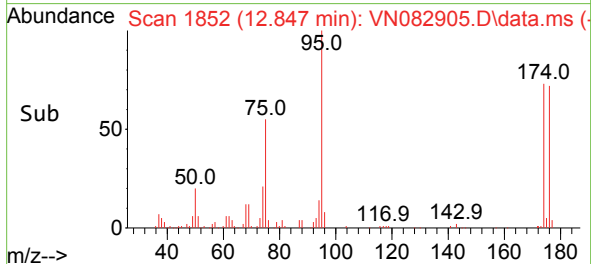
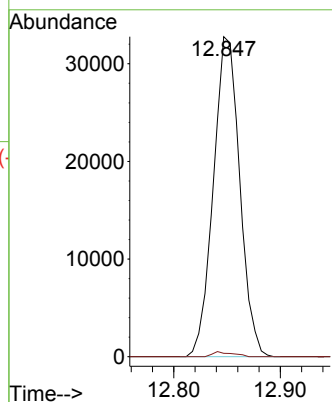
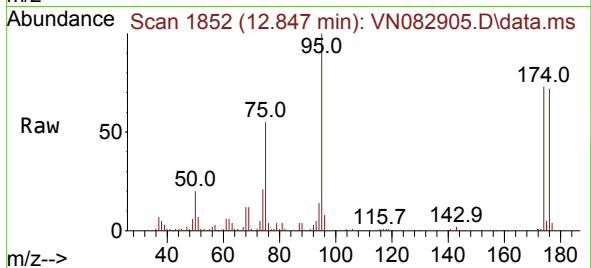
ClientSampleId :

Tgt Ion: 75 Resp: 56354

Ion Ratio Lower Upper

75 100

77 1.2 110.9 332.6#



#78

n-propylbenzene

Concen: 1.263 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082905.D

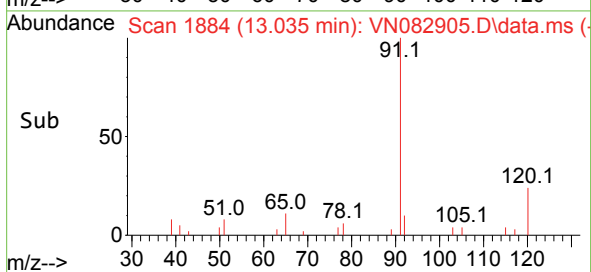
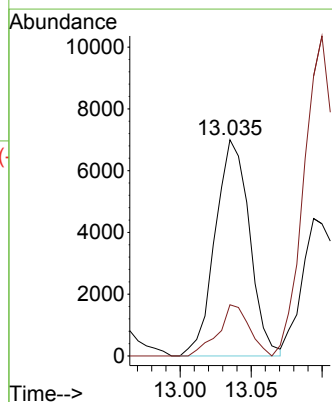
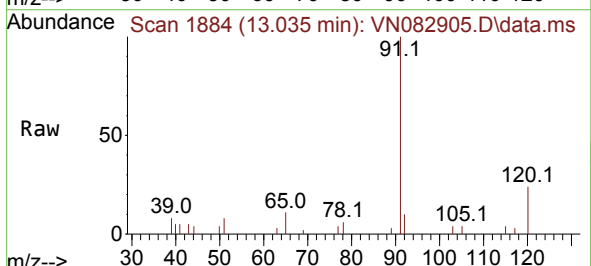
Acq: 12 Jul 2024 17:29

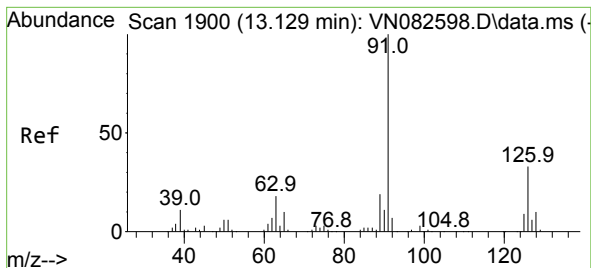
Tgt Ion: 91 Resp: 11785

Ion Ratio Lower Upper

91 100

120 21.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 1.521 ug/l

RT: 13.094 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

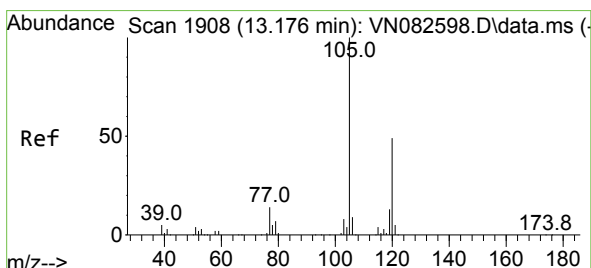
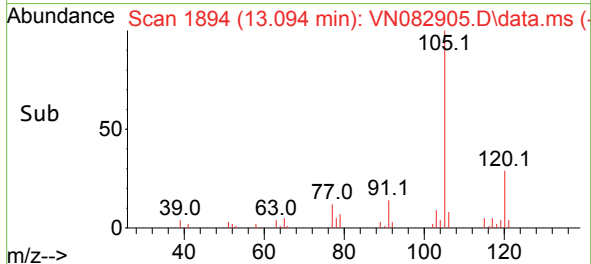
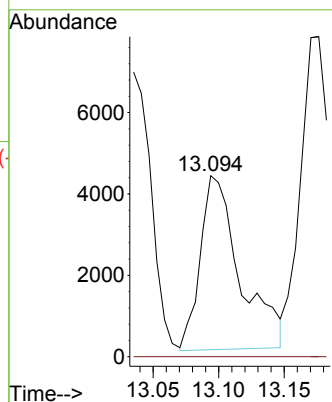
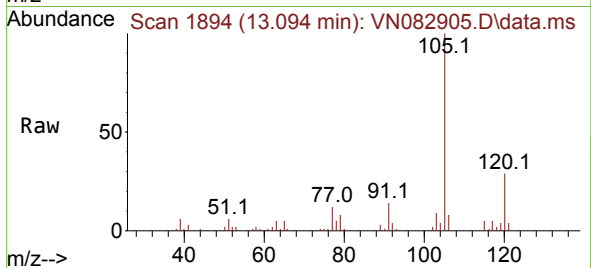
ClientSampleId :

Tgt Ion: 91 Resp: 9043

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#80

1,3,5-Trimethylbenzene

Concen: 17.045 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082905.D

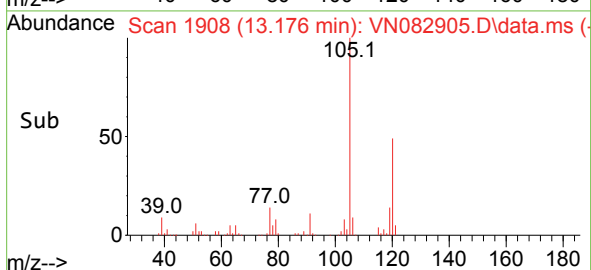
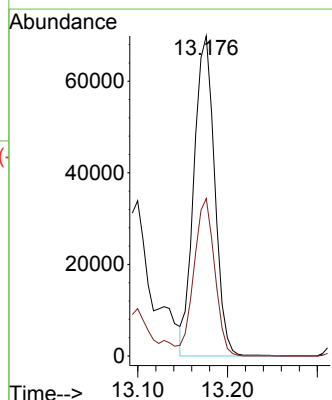
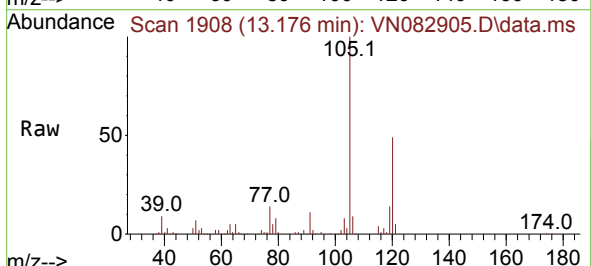
Acq: 12 Jul 2024 17:29

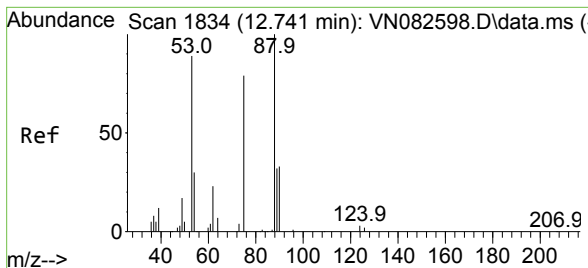
Tgt Ion:105 Resp: 111806

Ion Ratio Lower Upper

105 100

120 49.6 24.3 72.8

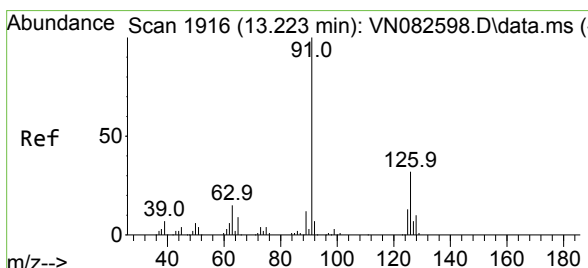
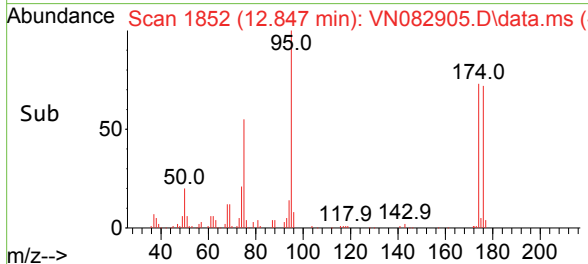
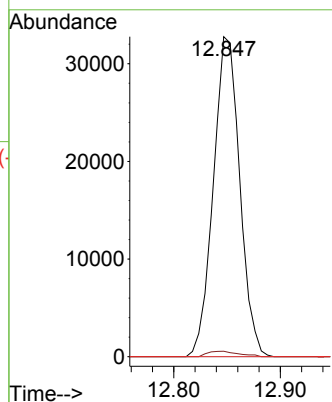
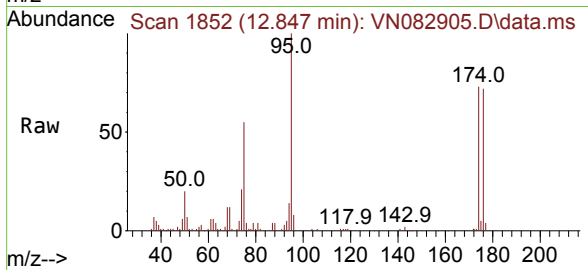




#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.566 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. 0.106 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

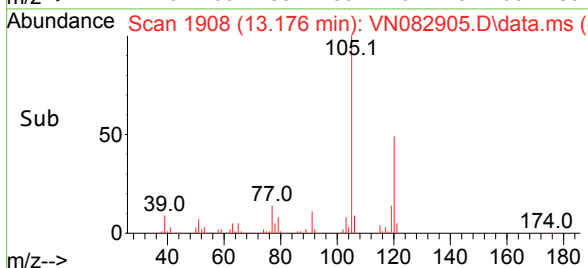
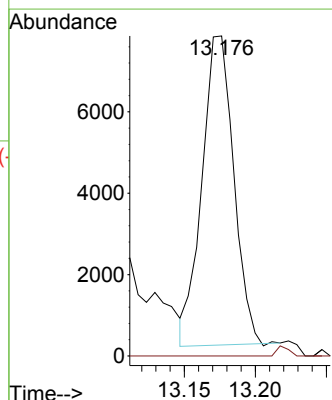
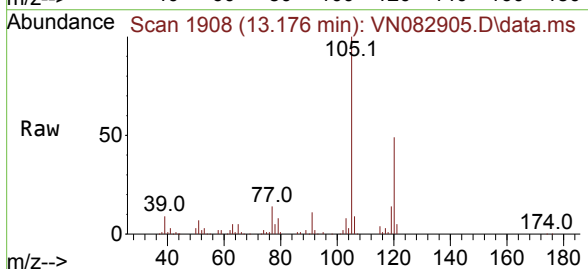
Instrument :  
MSVOA\_N  
ClientSampleId :

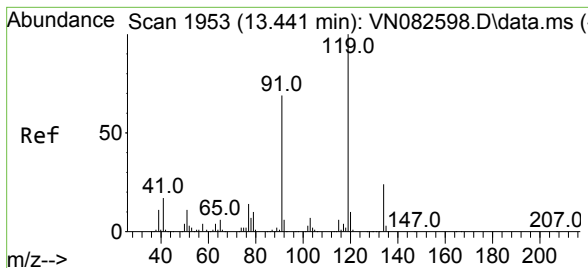
Tgt Ion: 75 Resp: 56354  
Ion Ratio Lower Upper  
75 100  
53 2.0 88.4 132.6#  
89 0.0 36.3 54.5#



#82  
4-Chlorotoluene  
Concen: 2.008 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.047 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Tgt Ion: 91 Resp: 11816  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.2 48.6#





#83

tert-Butylbenzene

Concen: 5.533 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN082905.D

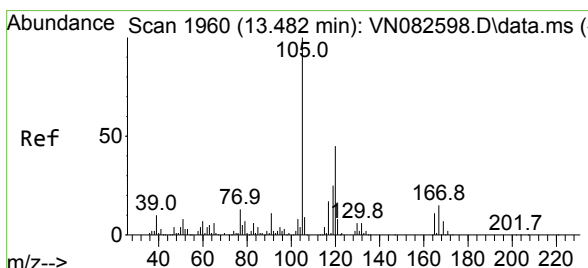
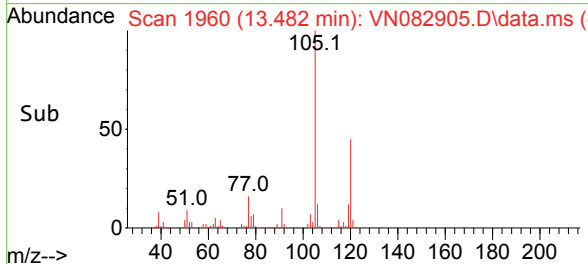
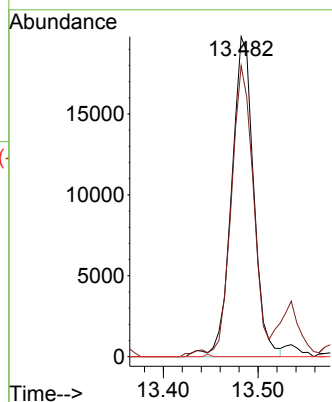
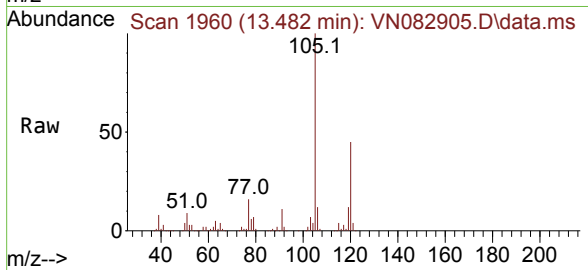
Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 32174 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 91.3  | 35.0  | 105.1 |
| 134       | 0.0   | 13.3  | 39.8# |



#84

1,2,4-Trimethylbenzene

Concen: 44.691 ug/l

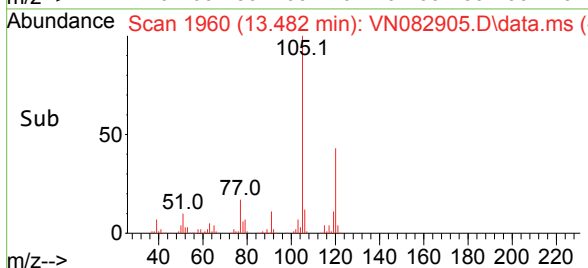
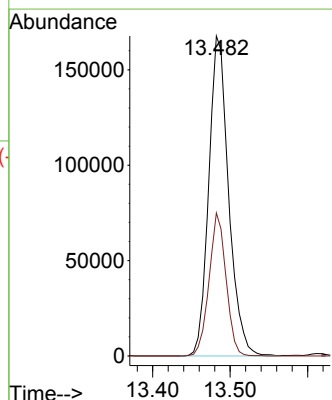
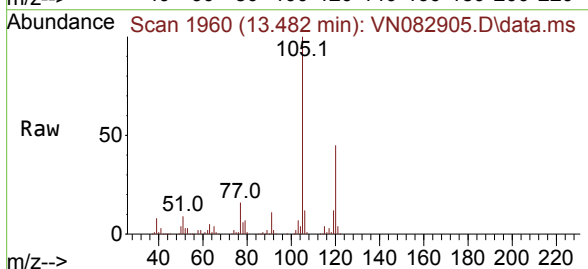
RT: 13.482 min Scan# 1960

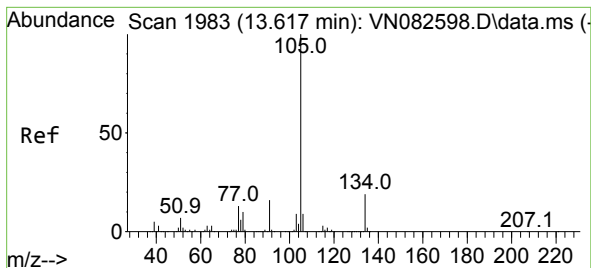
Delta R.T. 0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 298775 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 38.1  | 21.9  | 65.8   |





#85

sec-Butylbenzene

Concen: 38.021 ug/l

RT: 13.482 min Scan# 1983

Delta R.T. -0.135 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

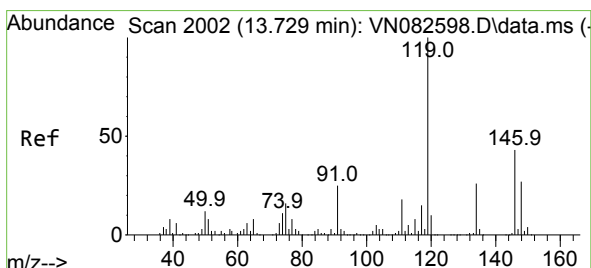
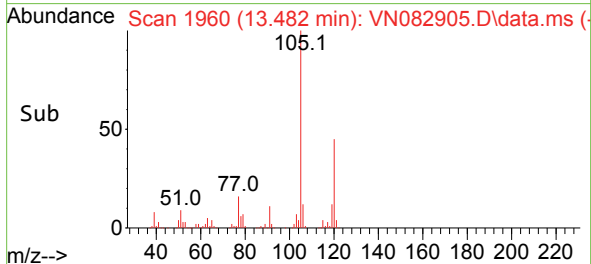
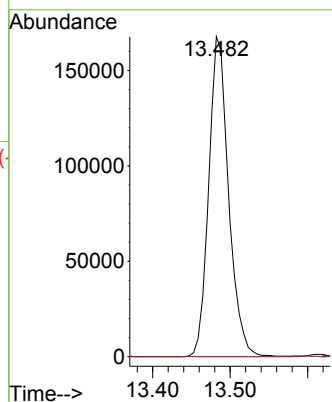
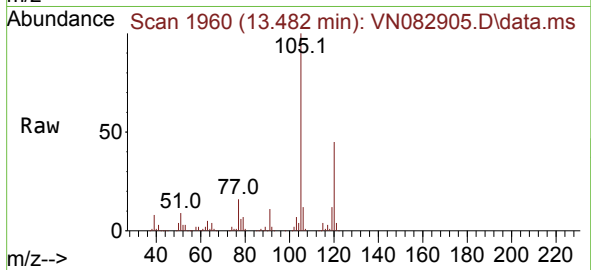
ClientSampleId :

Tgt Ion:105 Resp: 298775

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.523 ug/l

RT: 13.676 min Scan# 1993

Delta R.T. -0.053 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

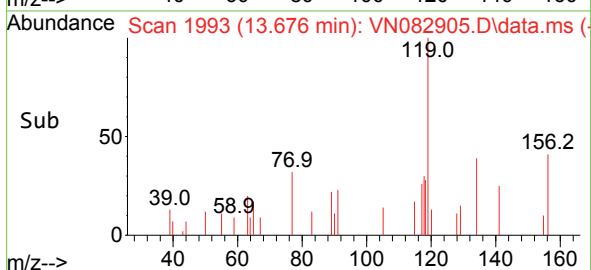
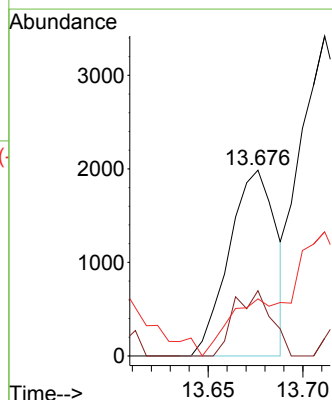
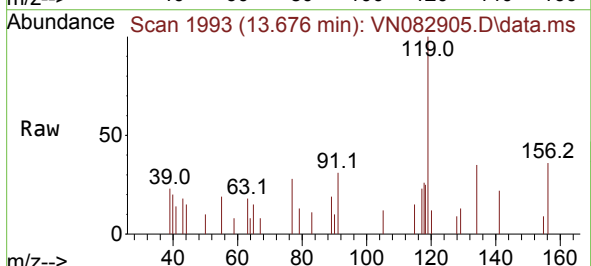
Tgt Ion:119 Resp: 3431

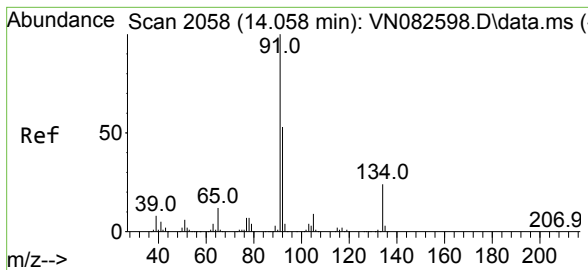
Ion Ratio Lower Upper

119 100

134 27.8 13.0 39.0

91 27.2 12.3 36.9





#89

n-Butylbenzene

Concen: 0.284 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA\_N

ClientSampleId :

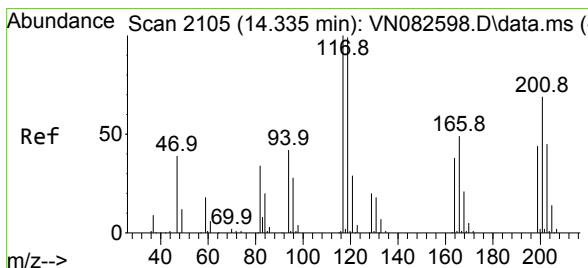
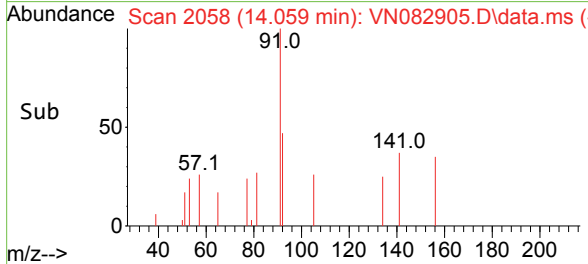
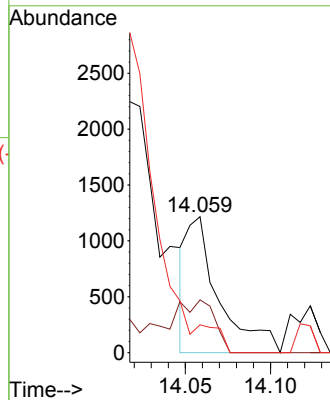
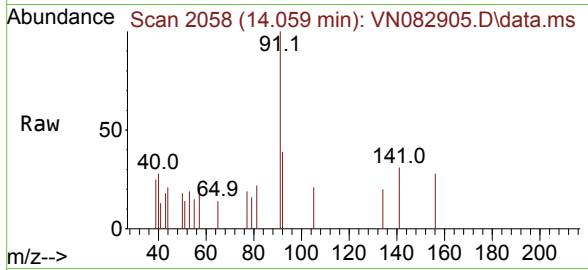
Tgt Ion: 91 Resp: 1598

Ion Ratio Lower Upper

91 100

92 46.4 26.1 78.3

134 0.0 12.1 36.3#



#90

Hexachloroethane

Concen: 1.216 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN082905.D

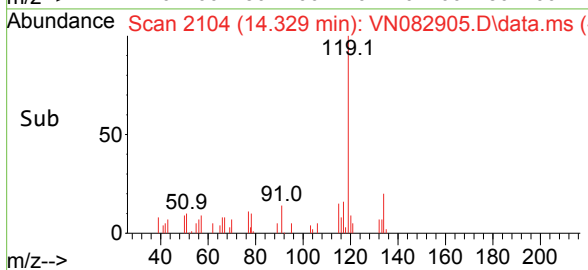
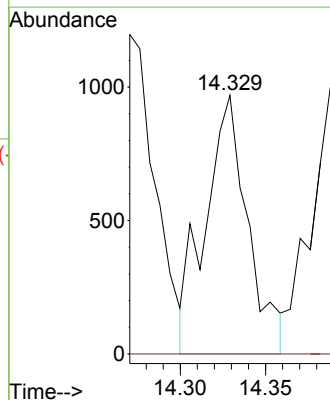
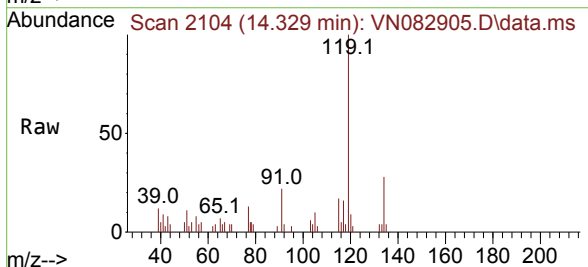
Acq: 12 Jul 2024 17:29

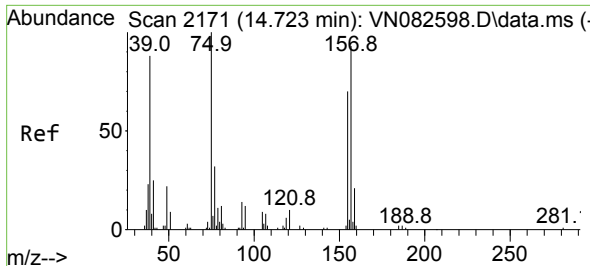
Tgt Ion: 117 Resp: 1687

Ion Ratio Lower Upper

117 100

201 0.0 35.8 107.3#

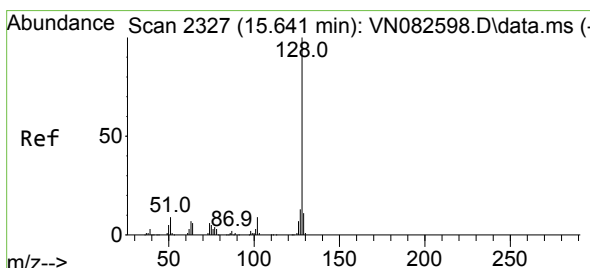
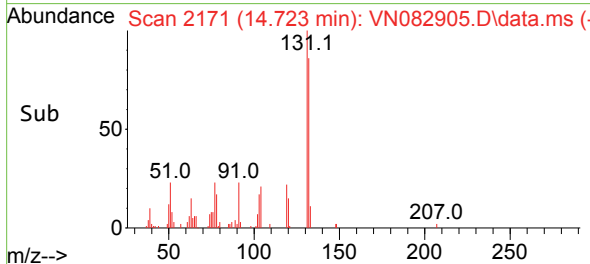
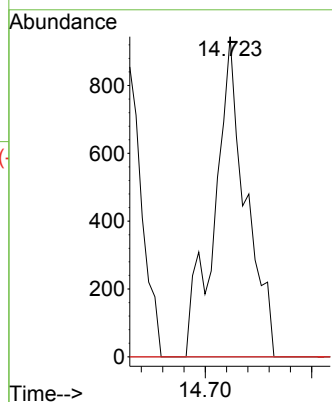
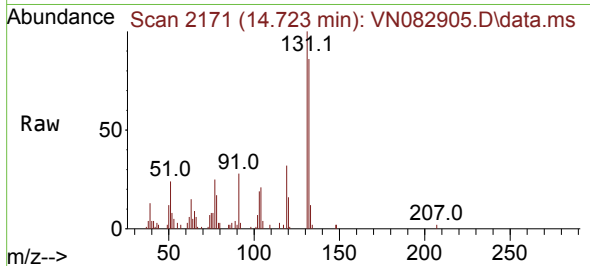




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 3.417 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 75 Resp: 1921  
Ion Ratio Lower Upper  
75 100  
155 0.0 36.6 109.8#  
157 0.0 46.9 140.6#



#95  
Naphthalene  
Concen: 1780.696 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.000 min  
Lab File: VN082905.D  
Acq: 12 Jul 2024 17:29

Tgt Ion: 128 Resp: 12062779  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.6 16.0  
129 11.3 8.6 12.8

