

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110923\  
 Data File : VN080033.D  
 Acq On : 09 Nov 2023 19:46  
 Operator : JC\MD  
 Sample : 05295-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 10 00:41:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

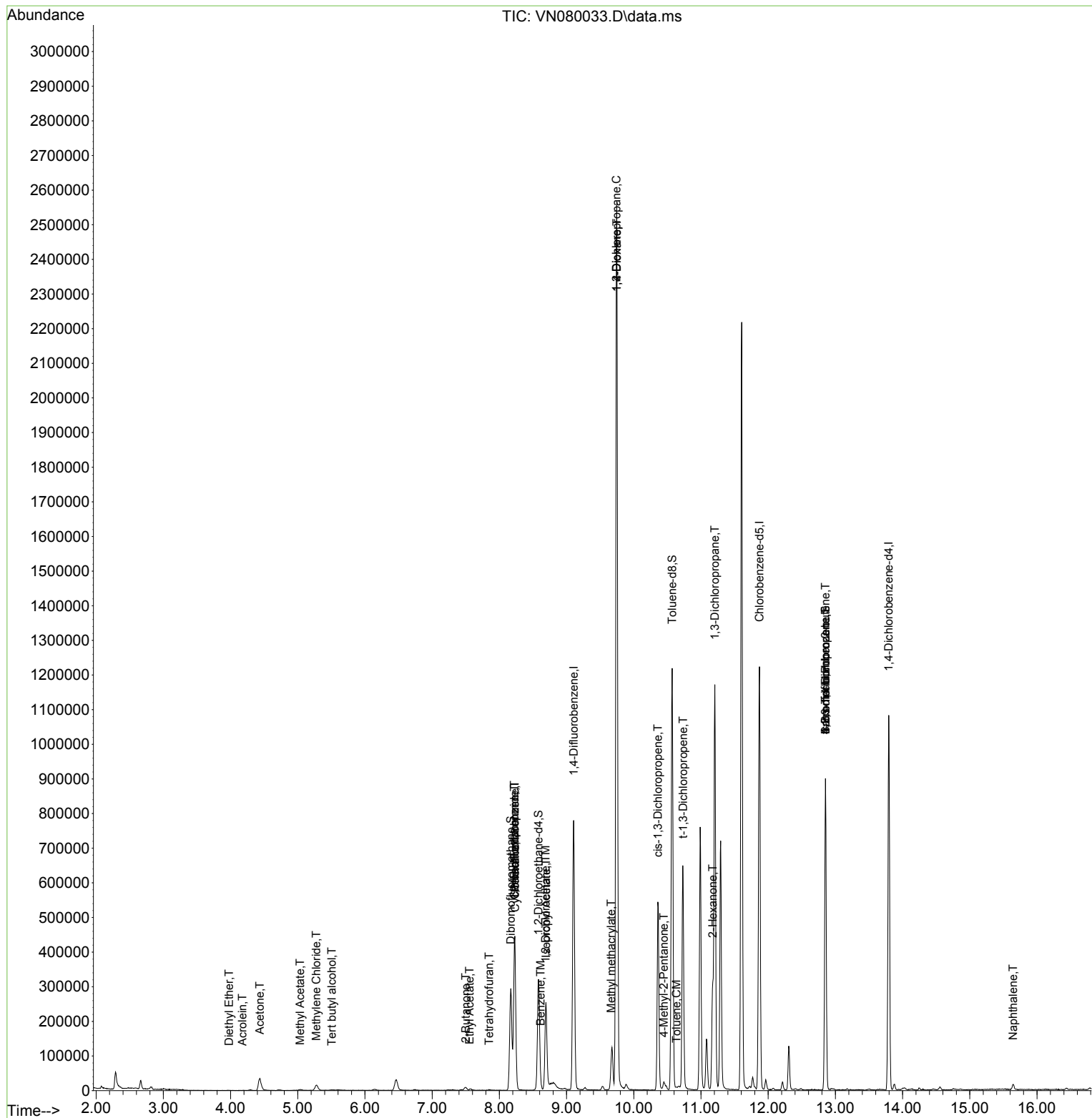
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 8.230  | 168   | 320779   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106  | 114   | 645826   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.871 | 117   | 701744   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794 | 152   | 279211   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.583  | 65    | 264637   | 54.149    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | = 108.300% |          |
| 35) Dibromofluoromethane      | 8.171  | 113   | 212737   | 46.542    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | = 93.080%  |          |
| 50) Toluene-d8                | 10.571 | 98    | 838239   | 49.815    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | = 99.620%  |          |
| 62) 4-Bromofluorobenzene      | 12.853 | 95    | 305249   | 54.697    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | = 109.400% |          |
| Target Compounds              |        |       |          |           |            | Qvalue   |
| 3) Chloromethane              | 2.365  | 50    | 1551     | Below Cal | #          | 86       |
| 8) Diethyl Ether              | 3.977  | 74    | 547      | 0.229     | ug/l #     | 30       |
| 11) Tert butyl alcohol        | 5.506  | 59    | 546      | 0.875     | ug/l #     | 72       |
| 13) Acrolein                  | 4.177  | 56    | 628      | 3.630     | ug/l #     | 60       |
| 16) Acetone                   | 4.436  | 43    | 65162    | 37.958    | ug/l       | 94       |
| 18) Methyl Acetate            | 5.036  | 43    | 5040     | 0.614     | ug/l #     | 86       |
| 20) Methylene Chloride        | 5.277  | 84    | 12547    | 2.897     | ug/l       | 90       |
| 25) 2-Butanone                | 7.500  | 43    | 15153    | 6.028     | ug/l       | 95       |
| 29) Tetrahydrofuran           | 7.847  | 42    | 1300     | 0.795     | ug/l #     | 30       |
| 31) Cyclohexane               | 8.236  | 56    | 6692     | 1.036     | ug/l #     | 6        |
| 36) 1,1-Dichloropropene       | 8.224  | 75    | 26794    | 4.105     | ug/l #     | 47       |
| 37) Ethyl Acetate             | 7.559  | 43    | 1607     | 0.268     | ug/l #     | 44       |
| 38) Carbon Tetrachloride      | 8.224  | 117   | 33944    | 5.161     | ug/l #     | 15       |
| 40) Benzene                   | 8.612  | 78    | 10640    | 0.544     | ug/l       | 97       |
| 42) 1,2-Dichloroethane        | 8.688  | 62    | 2252     | 0.330     | ug/l #     | 73       |
| 43) Isopropyl Acetate         | 8.694  | 43    | 281916   | 26.857    | ug/l #     | 81       |
| 45) 1,2-Dichloropropane       | 9.741  | 63    | 3581     | 0.717     | ug/l #     | 45       |
| 48) Methyl methacrylate       | 9.665  | 41    | 8411     | 1.829     | ug/l #     | 28       |
| 49) 1,4-Dioxane               | 9.747  | 88    | 243      | 2.991     | ug/l #     | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43    | 24690    | 4.178     | ug/l #     | 67       |
| 52) Toluene                   | 10.635 | 92    | 2516     | 0.217     | ug/l #     | 73       |
| 53) t-1,3-Dichloropropene     | 10.735 | 75    | 1657     | 0.232     | ug/l #     | 78       |
| 54) cis-1,3-Dichloropropene   | 10.359 | 75    | 95131    | 12.238    | ug/l #     | 70       |
| 57) 1,3-Dichloropropane       | 11.206 | 76    | 12309    | 1.498     | ug/l #     | 42       |
| 59) 2-Hexanone                | 11.177 | 43    | 259305   | 57.357    | ug/l #     | 19       |
| 71) Bromoform                 | 12.853 | 173   | 1901     | 0.488     | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75    | 162287   | 24.758    | ug/l #     | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75    | 162287   | 67.359    | ug/l #     | 15       |
| 95) Naphthalene               | 15.647 | 128   | 13843    | 0.942     | ug/l       | 98       |

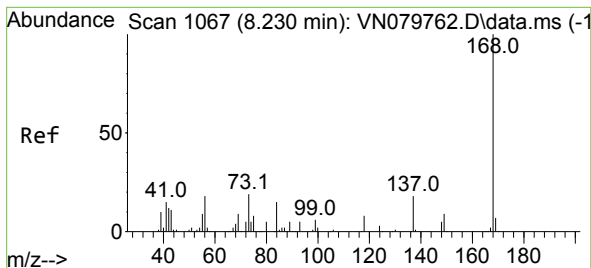
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110923\  
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Instrument :  
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ClientSampleId :

Quant Time: Nov 10 00:41:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 02 05:49:08 2023  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

Instrument :

MSVOA\_N

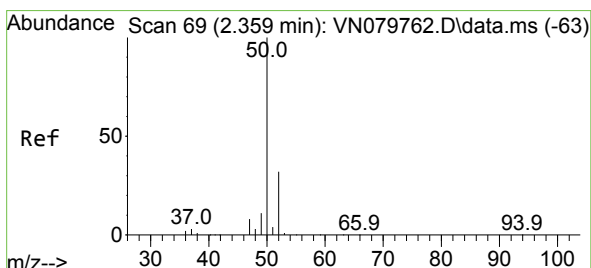
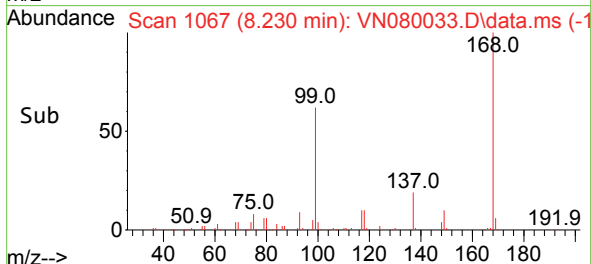
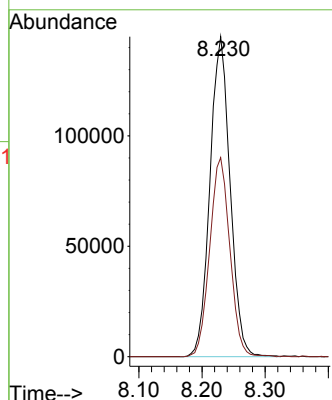
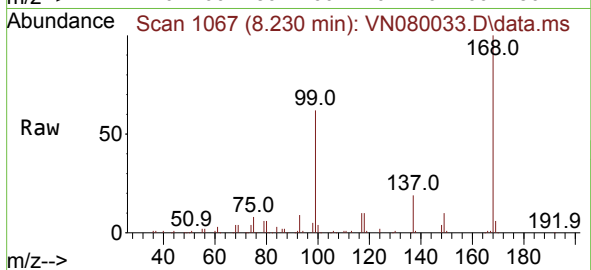
ClientSampleId :

Tgt Ion:168 Resp: 320779

Ion Ratio Lower Upper

168 100

99 62.2 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080033.D

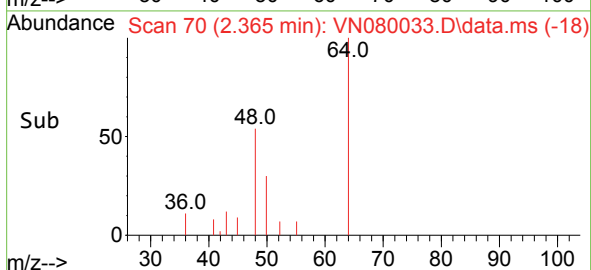
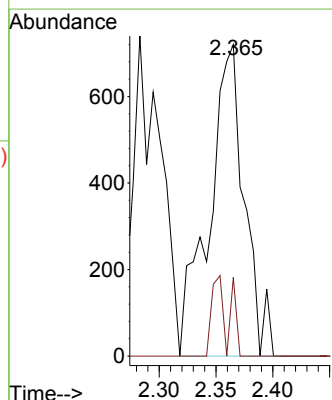
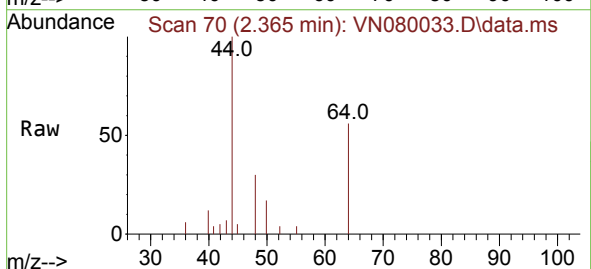
Acq: 09 Nov 2023 19:46

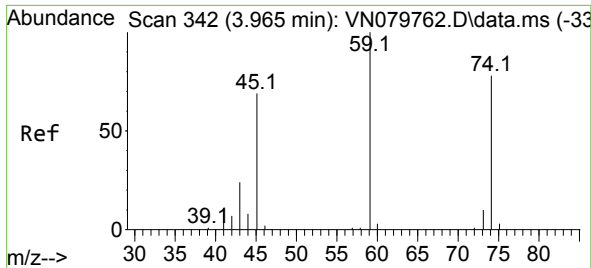
Tgt Ion: 50 Resp: 1551

Ion Ratio Lower Upper

50 100

52 25.3 26.5 39.7#





#8

Diethyl Ether

Concen: 0.229 ug/l

RT: 3.977 min Scan# 34

Delta R.T. 0.012 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

Instrument :

MSVOA\_N

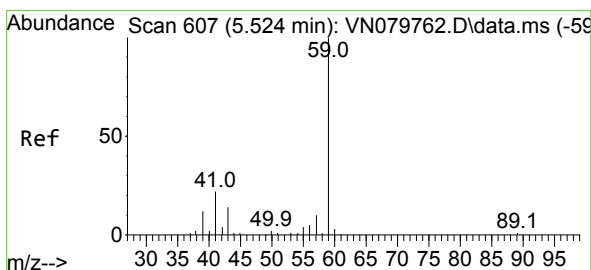
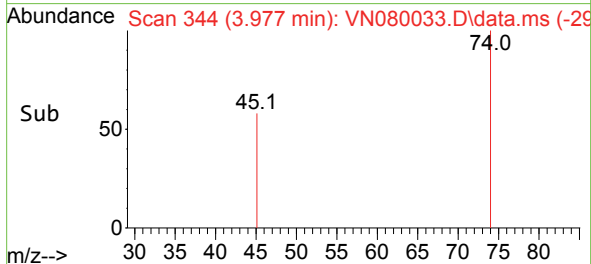
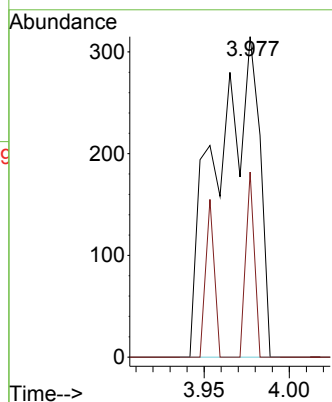
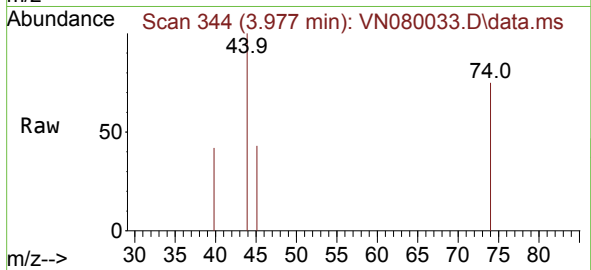
ClientSampleId :

Tgt Ion: 74 Resp: 547

Ion Ratio Lower Upper

74 100

45 11.7 34.4 103.3#



#11

Tert butyl alcohol

Concen: 0.875 ug/l

RT: 5.506 min Scan# 604

Delta R.T. -0.012 min

Lab File: VN080033.D

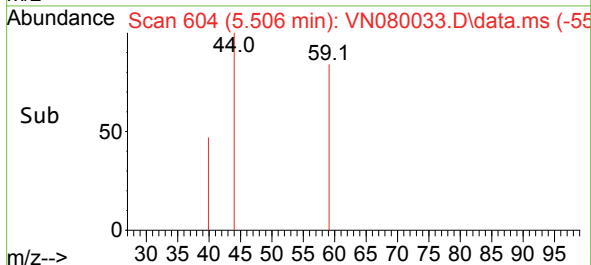
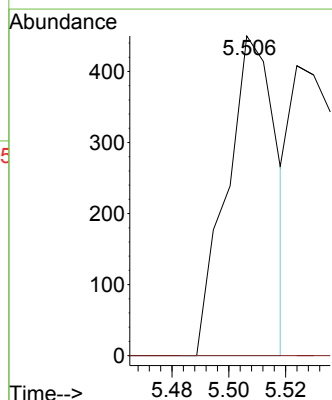
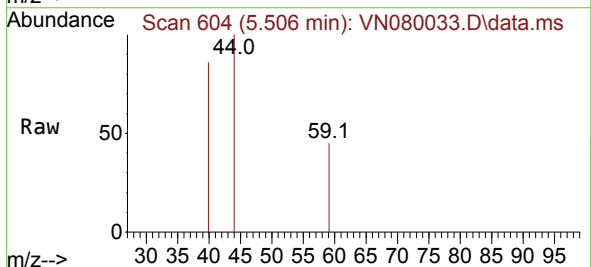
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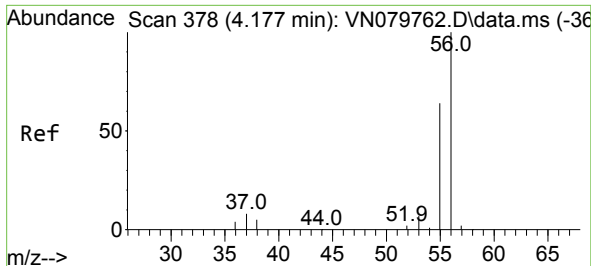
Tgt Ion: 59 Resp: 546

Ion Ratio Lower Upper

59 100

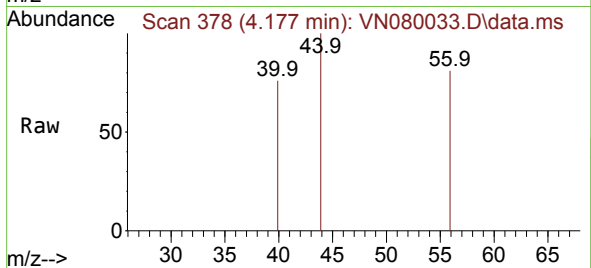
57 0.0 8.2 12.4#



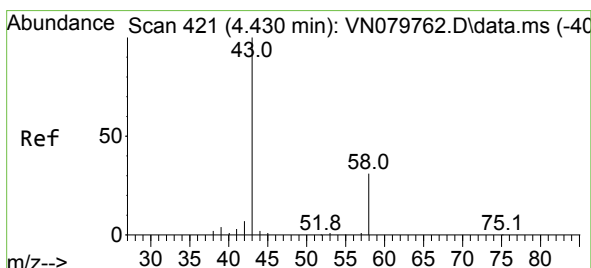
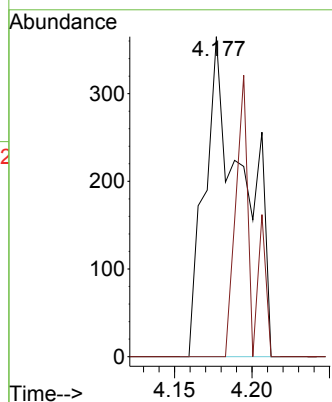
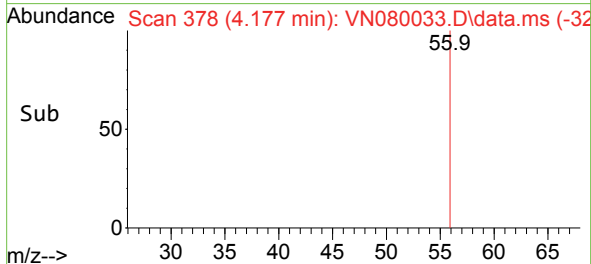


#13  
Acrolein  
Concen: 3.630 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

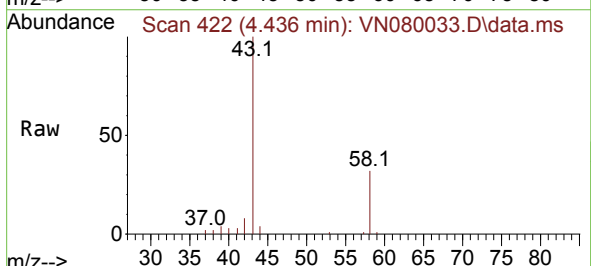
Instrument :  
MSVOA\_N  
ClientSampleId :



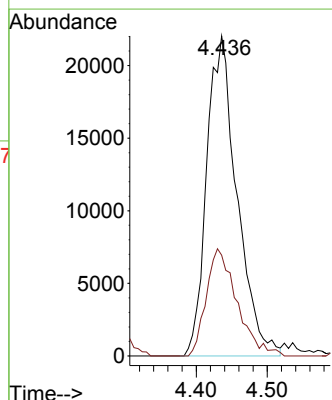
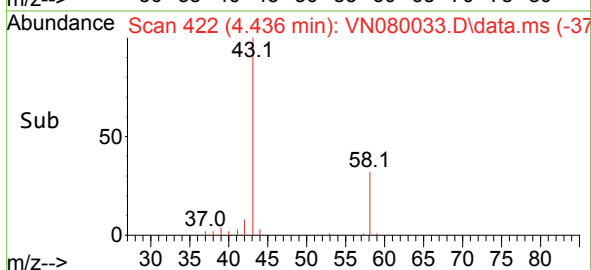
Tgt Ion: 56 Resp: 628  
Ion Ratio Lower Upper  
56 100  
55 35.8 54.5 81.7#

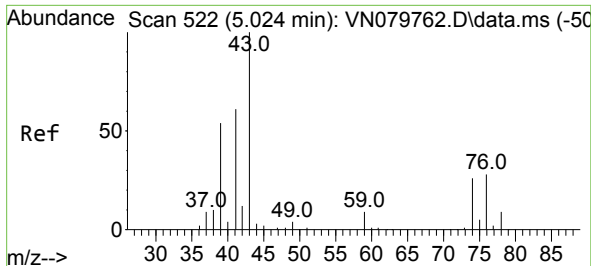


#16  
Acetone  
Concen: 37.958 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46



Tgt Ion: 43 Resp: 65162  
Ion Ratio Lower Upper  
43 100  
58 31.5 28.0 42.0

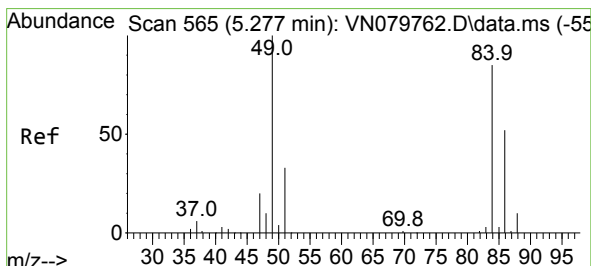
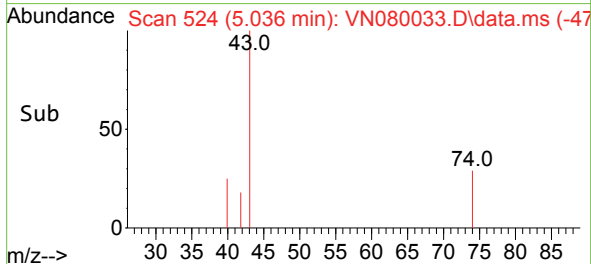
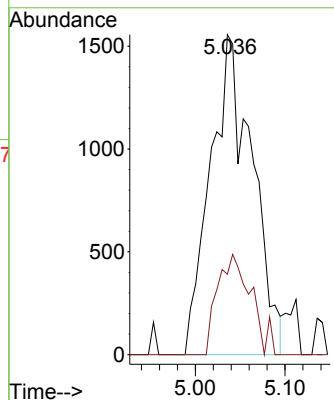
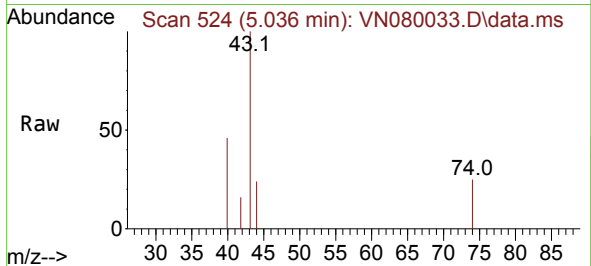




#18  
Methyl Acetate  
Concen: 0.614 ug/l  
RT: 5.036 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

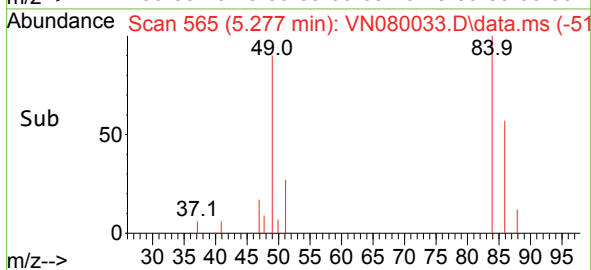
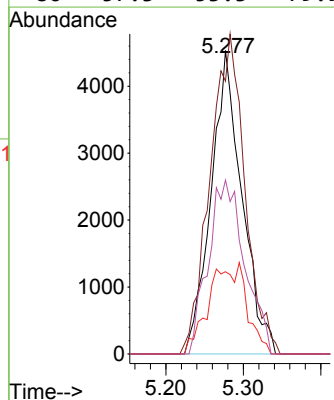
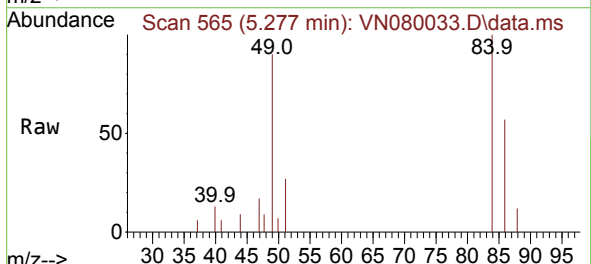
Instrument :  
MSVOA\_N  
ClientSampleId :

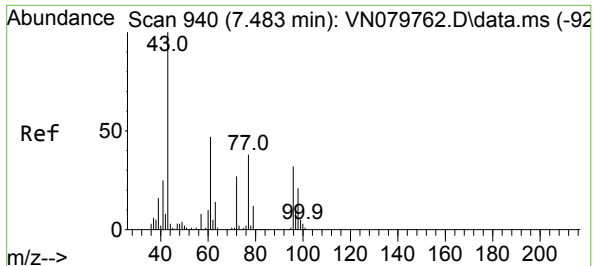
Tgt Ion: 43 Resp: 5040  
Ion Ratio Lower Upper  
43 100  
74 25.1 26.2 39.4#



#20  
Methylene Chloride  
Concen: 2.897 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

Tgt Ion: 84 Resp: 12547  
Ion Ratio Lower Upper  
84 100  
49 89.9 79.7 119.5  
51 27.1 25.2 37.8  
86 57.3 53.3 79.9





#25

2-Butanone

Concen: 6.028 ug/l

RT: 7.500 min Scan# 94

Delta R.T. 0.012 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

Instrument :

MSVOA\_N

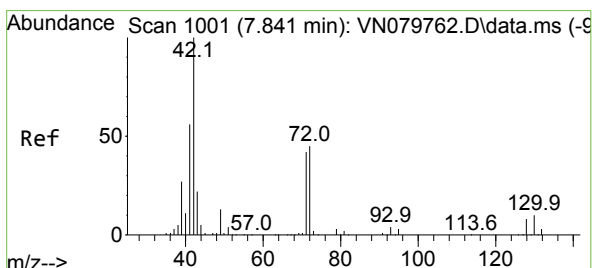
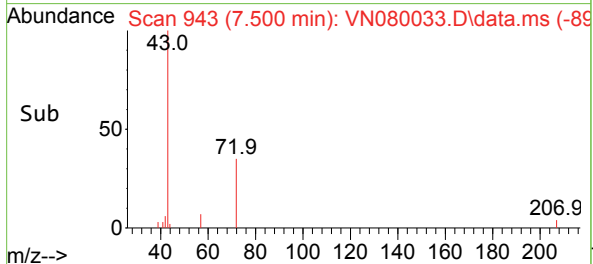
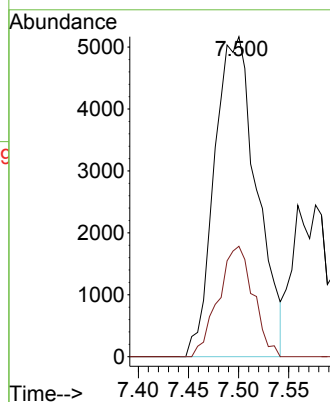
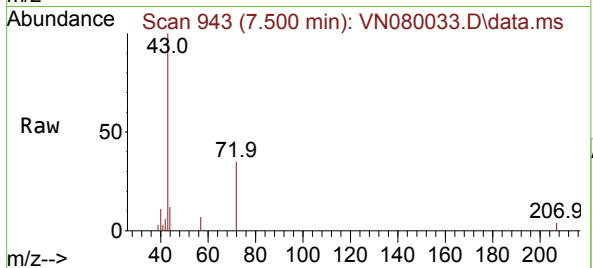
ClientSampleId :

Tgt Ion: 43 Resp: 15153

Ion Ratio Lower Upper

43 100

72 34.5 30.2 45.2



#29

Tetrahydrofuran

Concen: 0.795 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

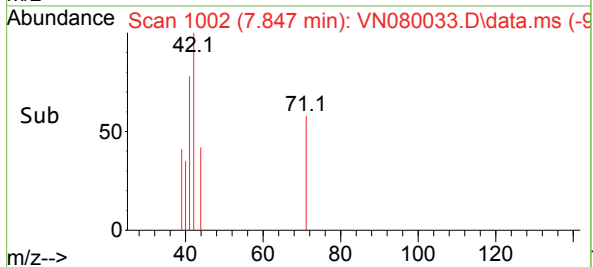
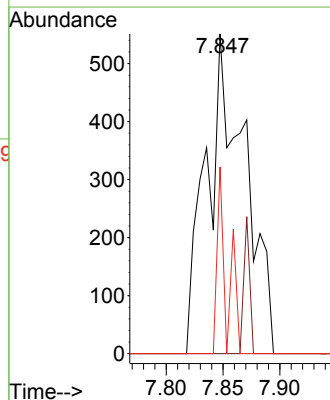
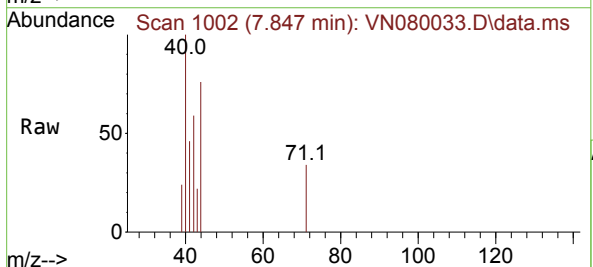
Tgt Ion: 42 Resp: 1300

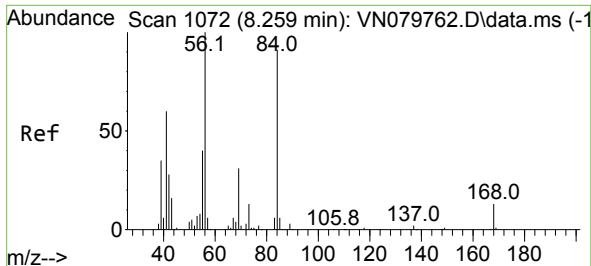
Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

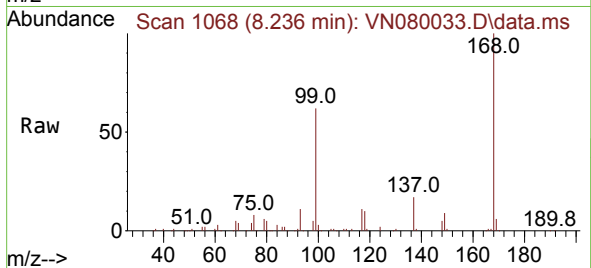
71 14.5 47.4 71.2#



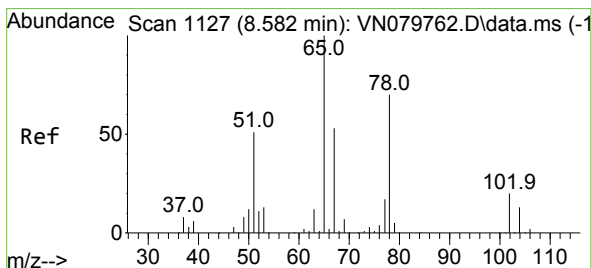
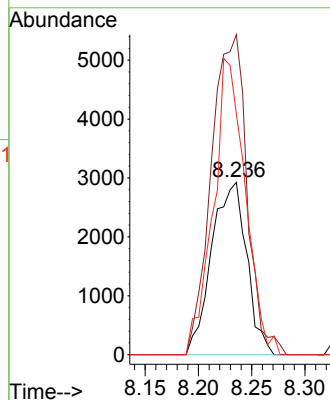
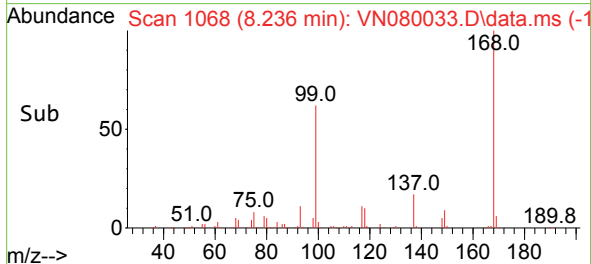


#31  
Cyclohexane  
Concen: 1.036 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. -0.023 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

Instrument :  
MSVOA\_N  
ClientSampleId :

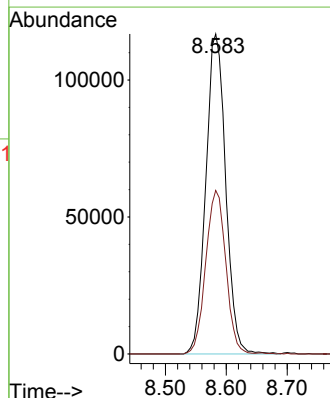
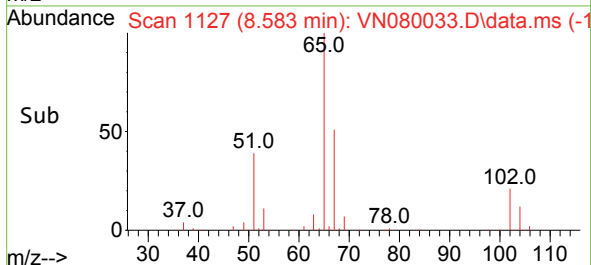
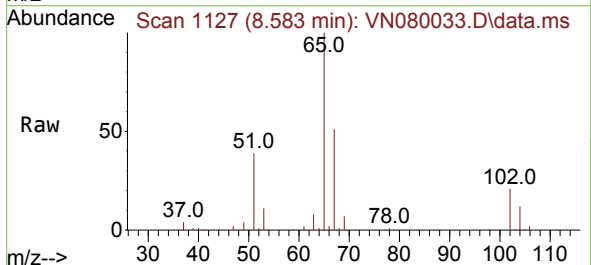


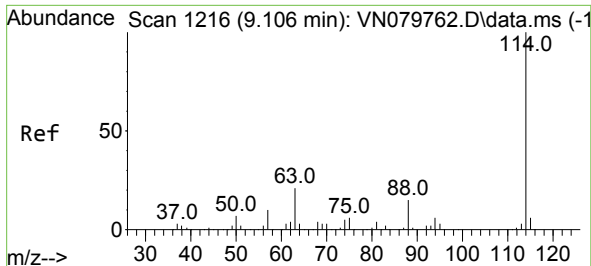
Tgt Ion: 56 Resp: 6692  
Ion Ratio Lower Upper  
56 100  
69 185.6 26.8 40.2#  
84 139.7 81.8 122.6#



#33  
1,2-Dichloroethane-d4  
Concen: 54.149 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

Tgt Ion: 65 Resp: 264637  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 106.6

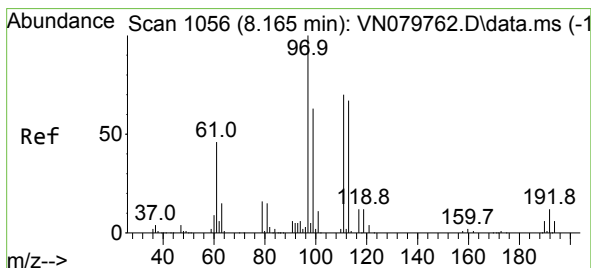
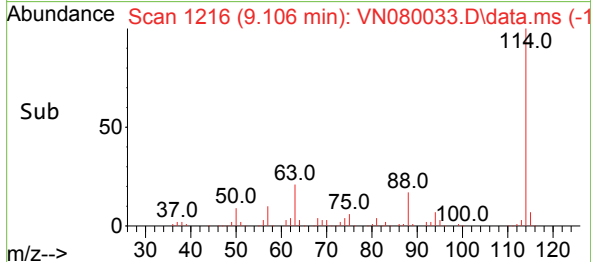
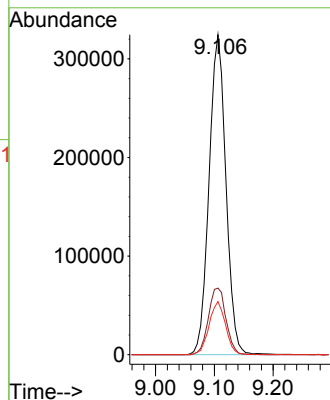
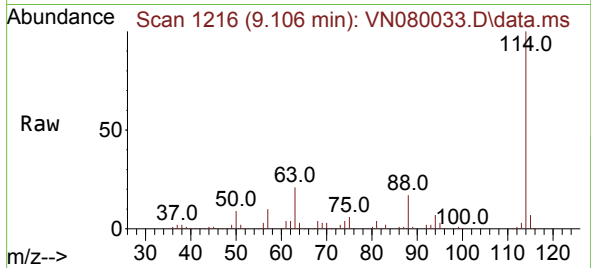




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

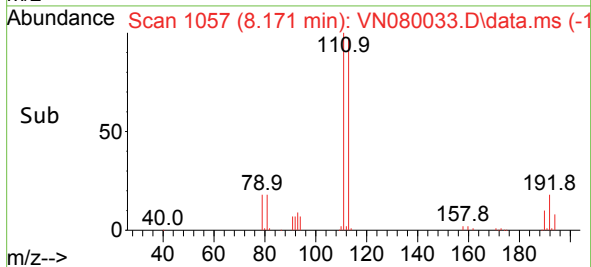
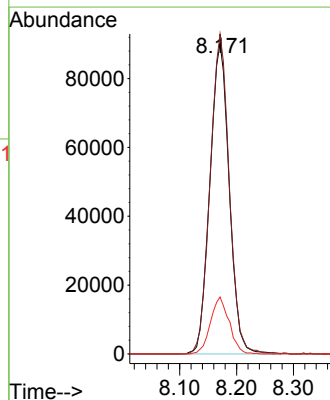
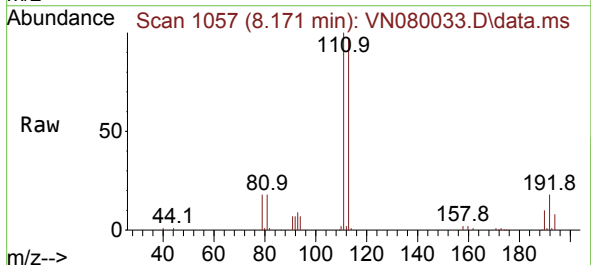
Instrument :  
MSVOA\_N  
ClientSampleId :

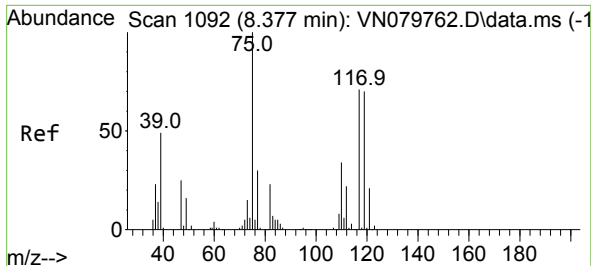
Tgt Ion:114 Resp: 645826  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 36.4  
88 16.6 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 46.542 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

Tgt Ion:113 Resp: 212737  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.6 123.8  
192 17.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.105 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

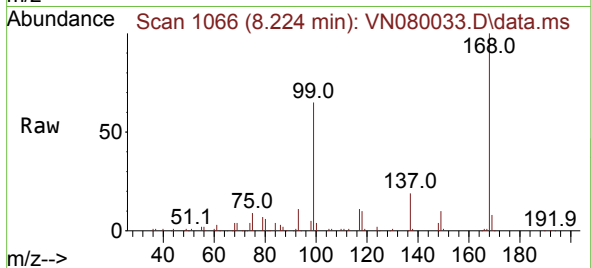
Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

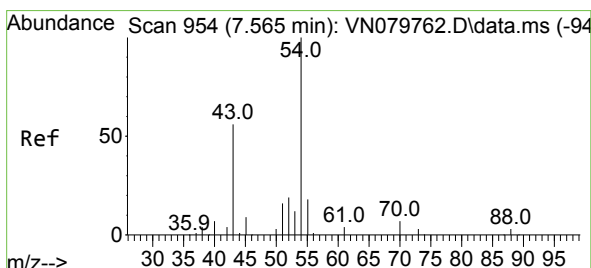
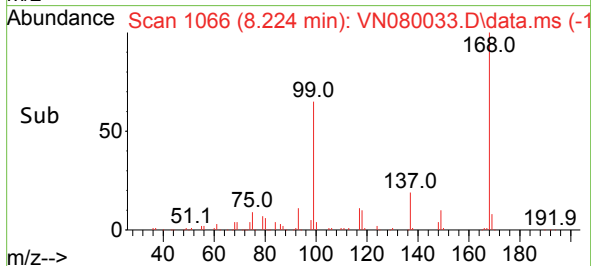
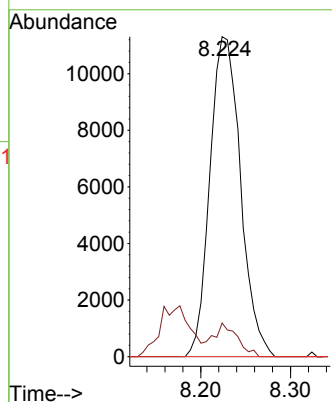
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 26794 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 7.8   | 19.1  | 57.3# |
| 77        | 0.0   | 25.0  | 37.4# |



#37

Ethyl Acetate

Concen: 0.268 ug/l

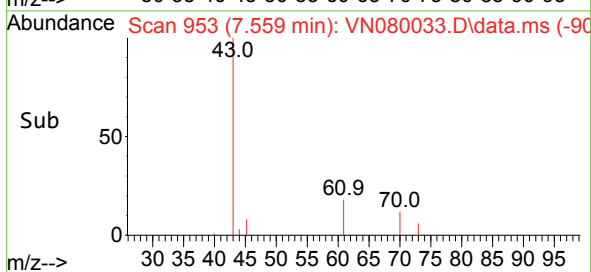
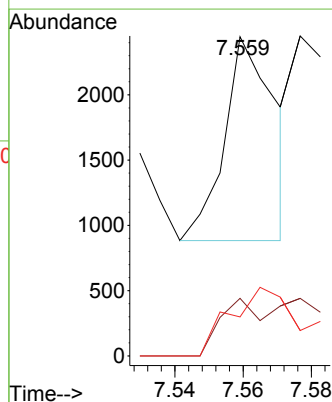
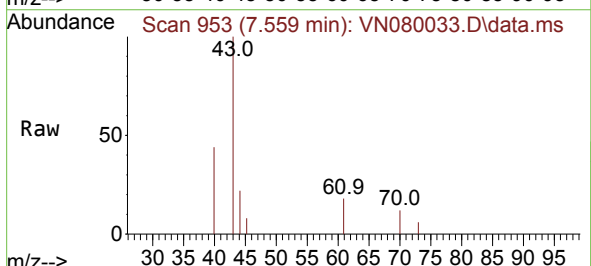
RT: 7.559 min Scan# 953

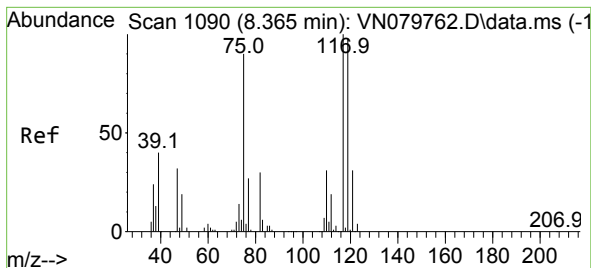
Delta R.T. -0.006 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 1607  |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 22.1  | 13.2  | 19.8# |
| 70        | 57.2  | 11.3  | 16.9# |





#38

Carbon Tetrachloride

Concen: 5.161 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

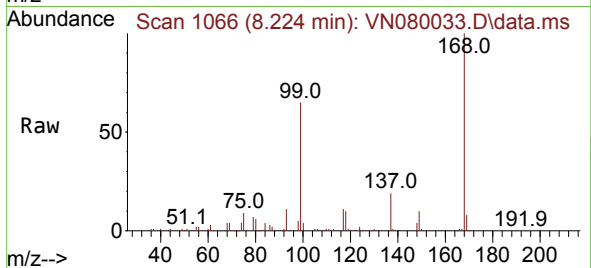
Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

Instrument :

MSVOA\_N

ClientSampleId :



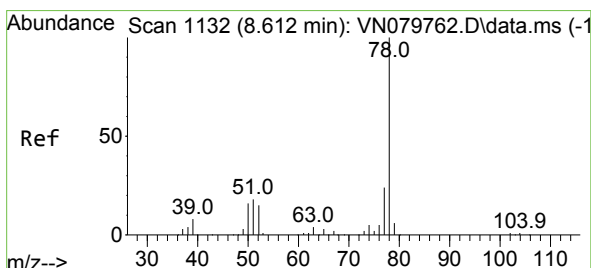
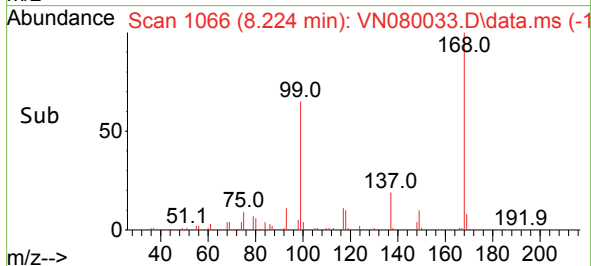
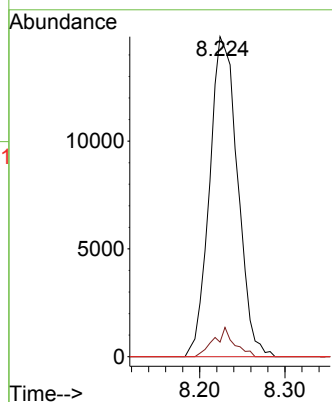
Tgt Ion:117 Resp: 33944

Ion Ratio Lower Upper

117 100

119 4.6 77.3 115.9#

121 0.0 23.3 34.9#



#40

Benzene

Concen: 0.544 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN080033.D

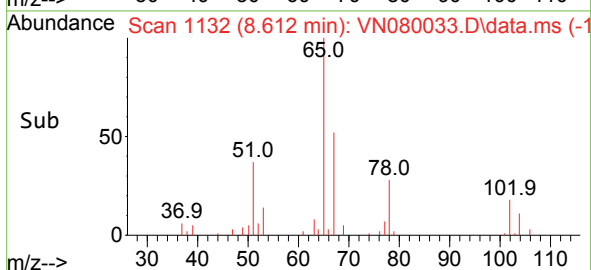
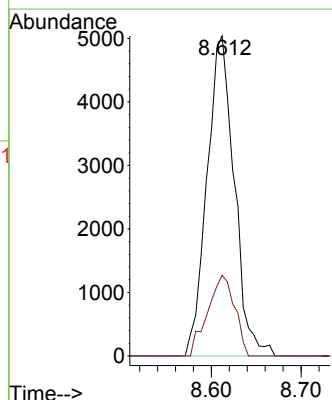
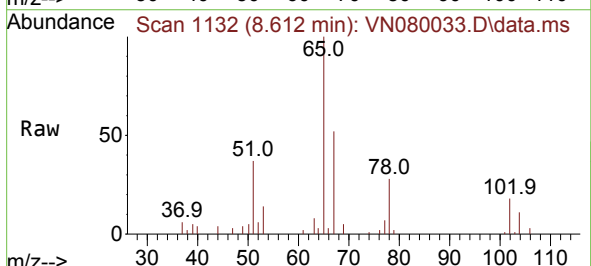
Acq: 09 Nov 2023 19:46

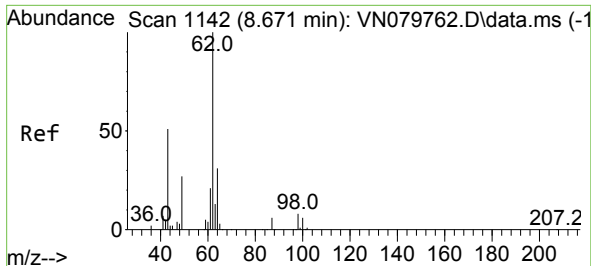
Tgt Ion: 78 Resp: 10640

Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.330 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

Instrument :

MSVOA\_N

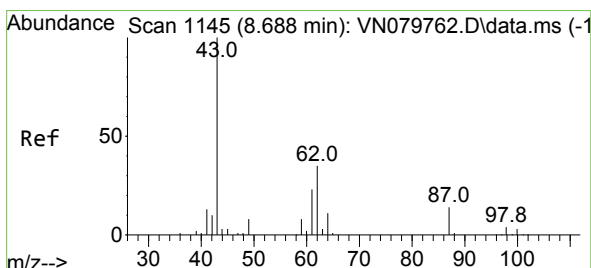
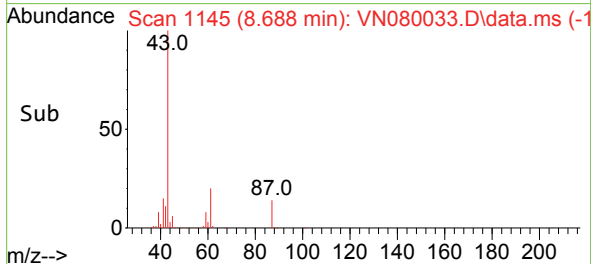
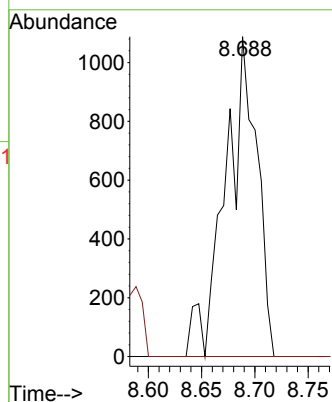
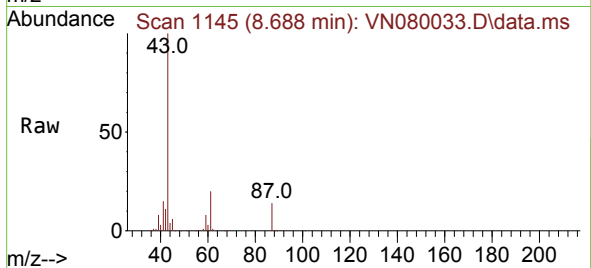
ClientSampleId :

Tgt Ion: 62 Resp: 2252

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 26.857 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

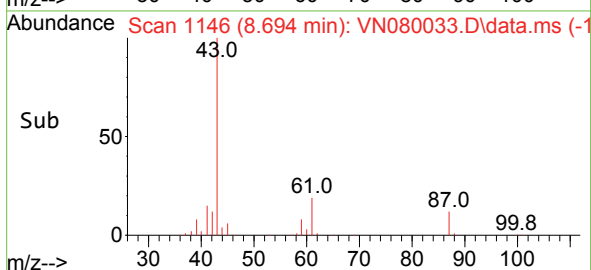
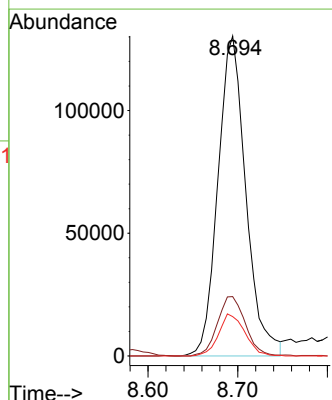
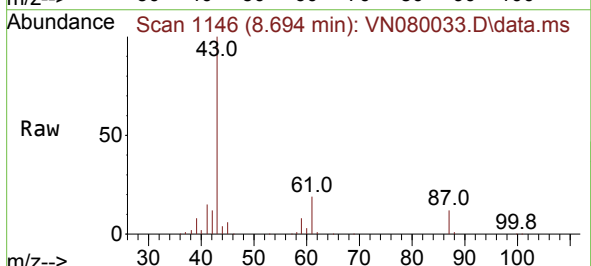
Tgt Ion: 43 Resp: 281916

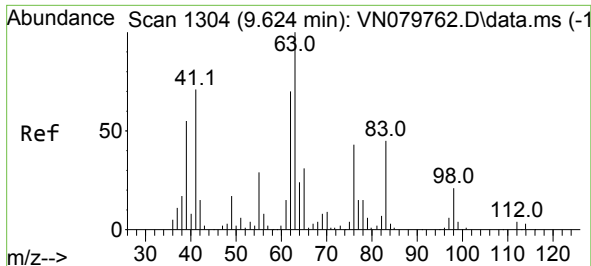
Ion Ratio Lower Upper

43 100

61 18.6 24.7 37.1#

87 12.4 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.717 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

Instrument :

MSVOA\_N

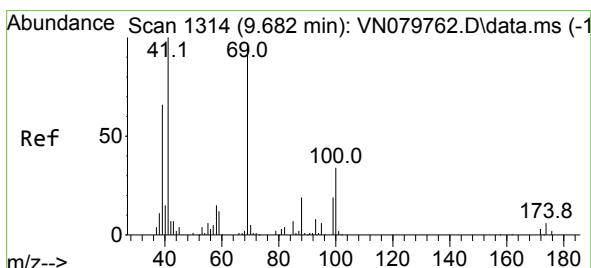
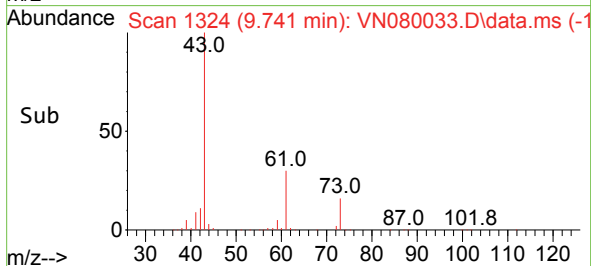
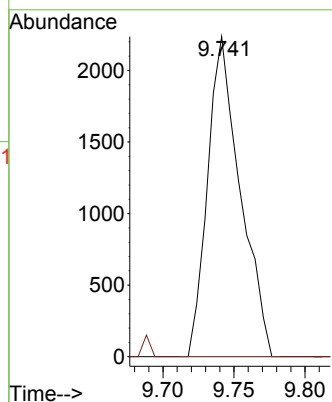
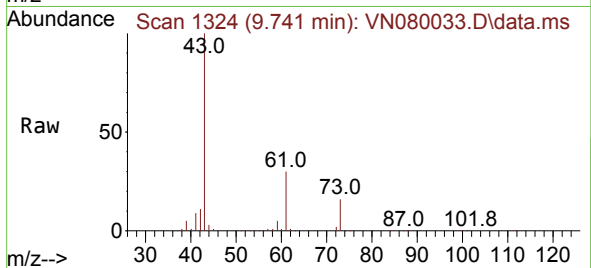
ClientSampleId :

Tgt Ion: 63 Resp: 3581

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.829 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.018 min

Lab File: VN080033.D

Acq: 09 Nov 2023 19:46

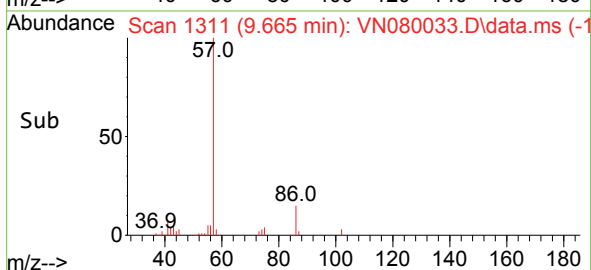
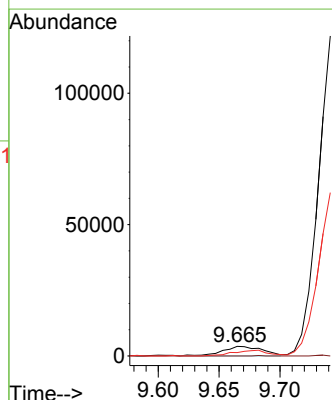
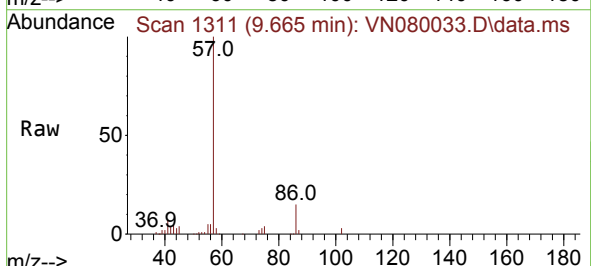
Tgt Ion: 41 Resp: 8411

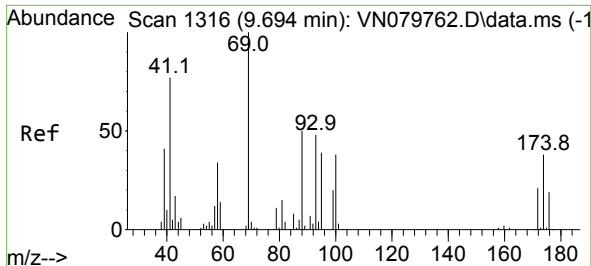
Ion Ratio Lower Upper

41 100

69 0.9 90.4 135.6#

39 53.3 54.6 81.8#

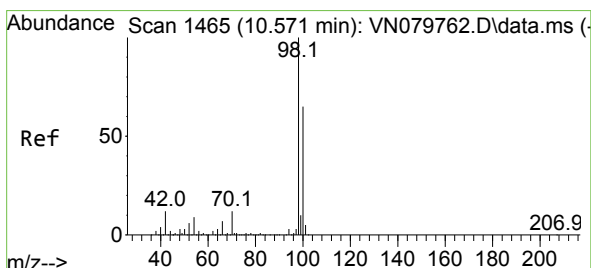
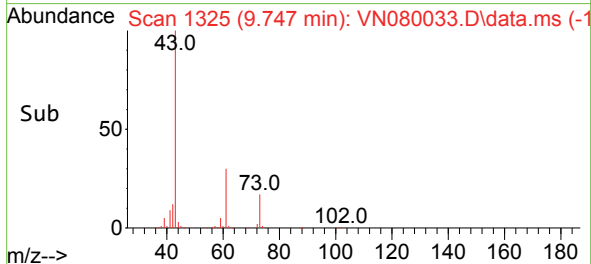
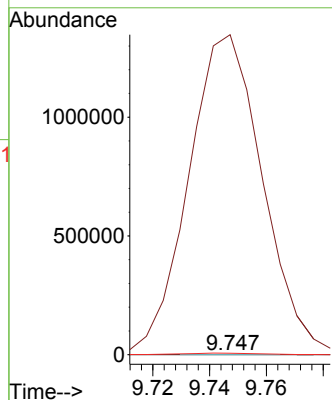
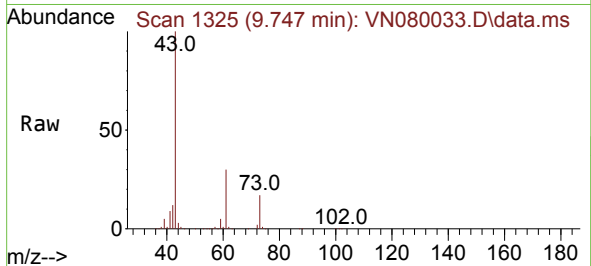




#49  
1,4-Dioxane  
Concen: 2.991 ug/l  
RT: 9.747 min Scan# 11  
Delta R.T. 0.053 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

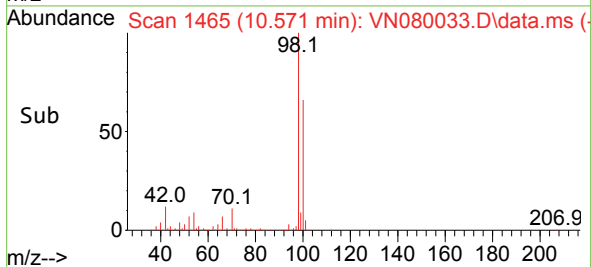
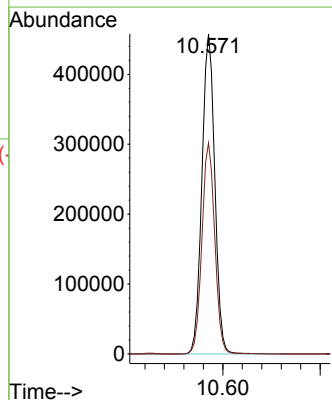
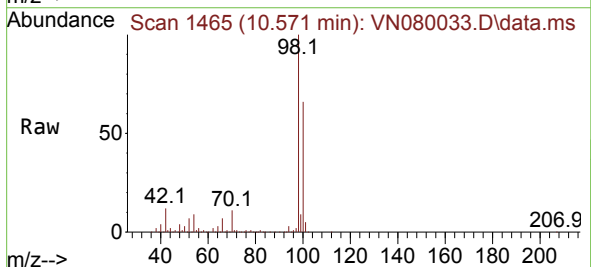
Instrument :  
MSVOA\_N  
ClientSampleId :

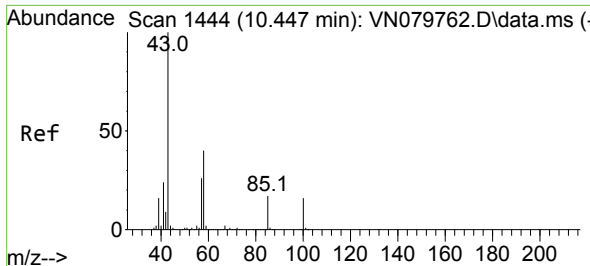
Tgt Ion: 88 Resp: 243  
Ion Ratio Lower Upper  
88 100  
43 1013234.6 17.0 25.6#  
58 5302.9 47.0 70.4#



#50  
Toluene-d8  
Concen: 49.815 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

Tgt Ion: 98 Resp: 838239  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.0 78.0

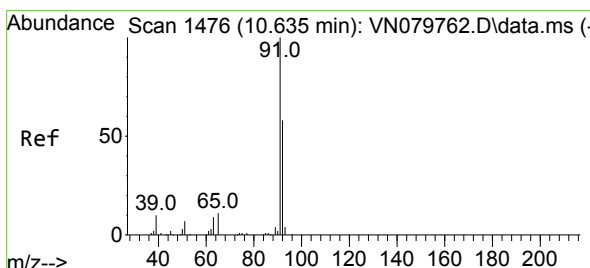
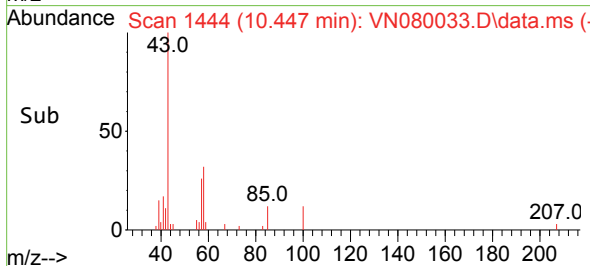
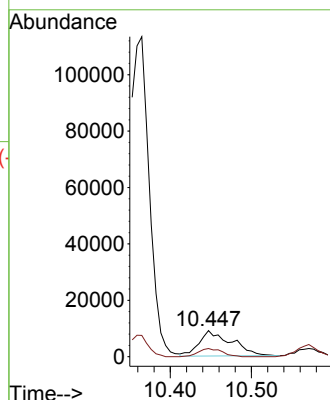
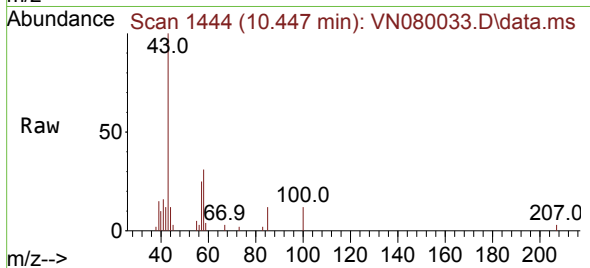




#51  
4-Methyl-2-Pentanone  
Concen: 4.178 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

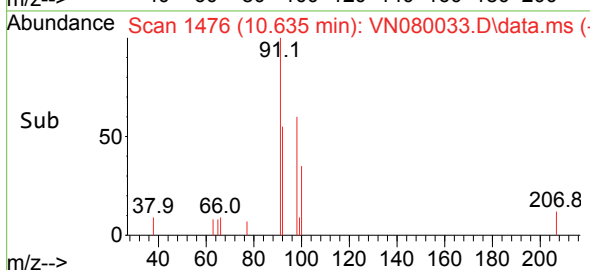
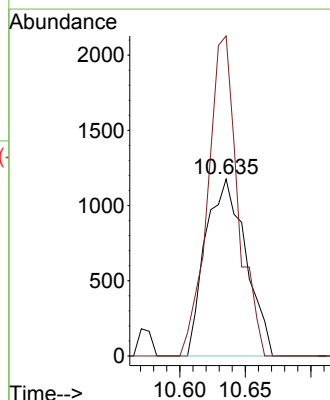
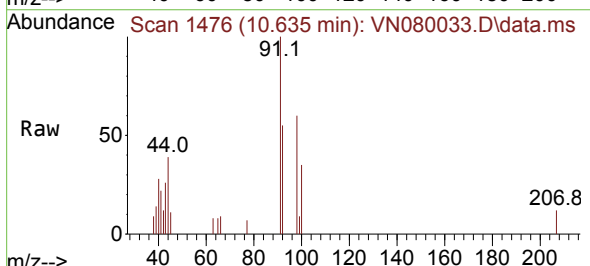
Instrument :  
MSVOA\_N  
ClientSampleId :

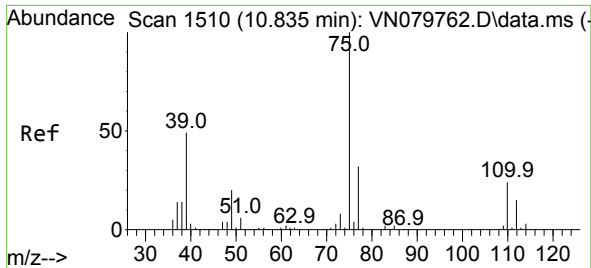
Tgt Ion: 43 Resp: 24690  
Ion Ratio Lower Upper  
43 100  
58 23.7 36.6 54.8#



#52  
Toluene  
Concen: 0.217 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

Tgt Ion: 92 Resp: 2516  
Ion Ratio Lower Upper  
92 100  
91 135.0 137.4 206.0#

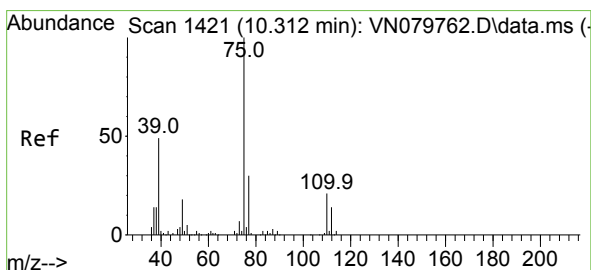
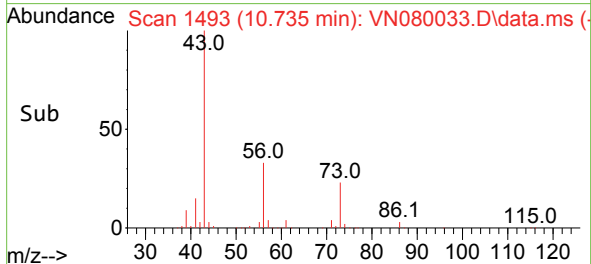
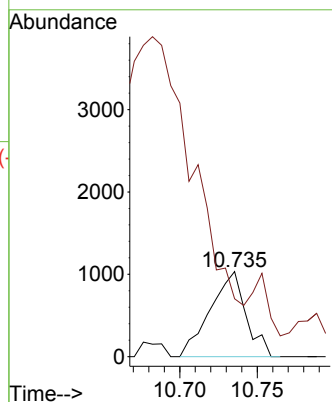
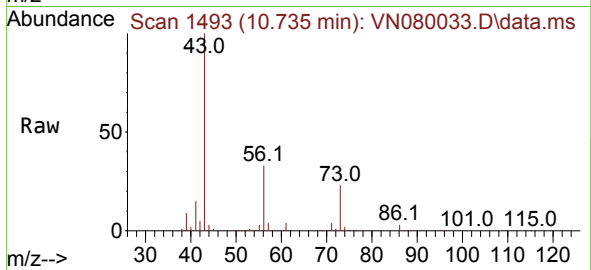




#53  
 t-1,3-Dichloropropene  
 Concen: 0.232 ug/l  
 RT: 10.735 min Scan# 1493  
 Delta R.T. -0.106 min  
 Lab File: VN080033.D  
 Acq: 09 Nov 2023 19:46

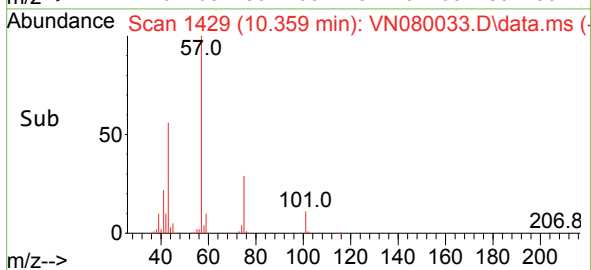
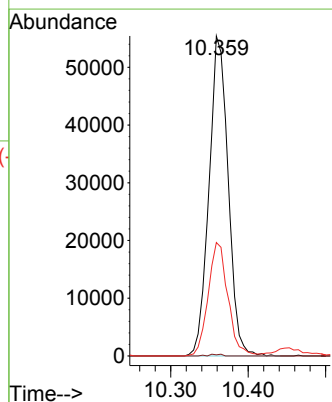
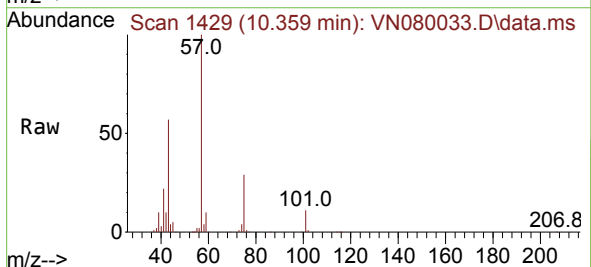
Instrument :  
 MSVOA\_N  
 ClientSampleId :

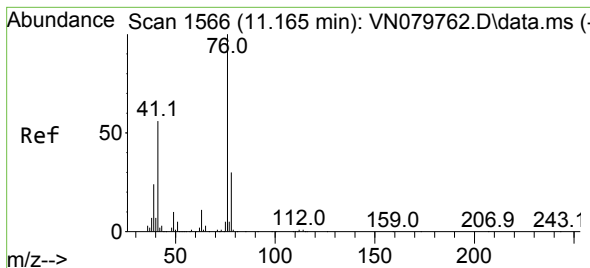
Tgt Ion: 75 Resp: 1657  
 Ion Ratio Lower Upper  
 75 100  
 77 43.8 25.4 38.0#



#54  
 cis-1,3-Dichloropropene  
 Concen: 12.238 ug/l  
 RT: 10.359 min Scan# 1429  
 Delta R.T. 0.041 min  
 Lab File: VN080033.D  
 Acq: 09 Nov 2023 19:46

Tgt Ion: 75 Resp: 95131  
 Ion Ratio Lower Upper  
 75 100  
 77 0.3 26.1 39.1#  
 39 35.5 31.6 47.4

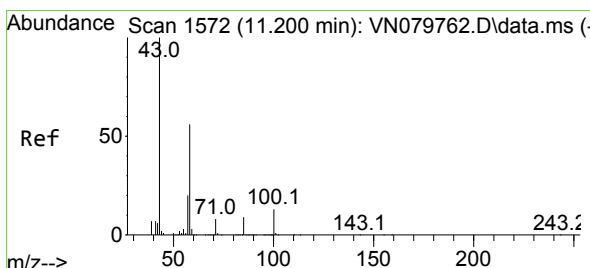
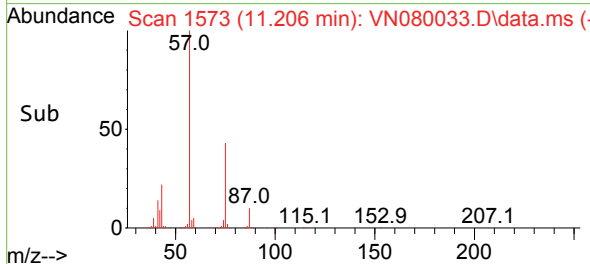
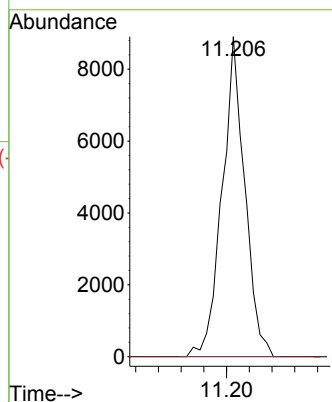
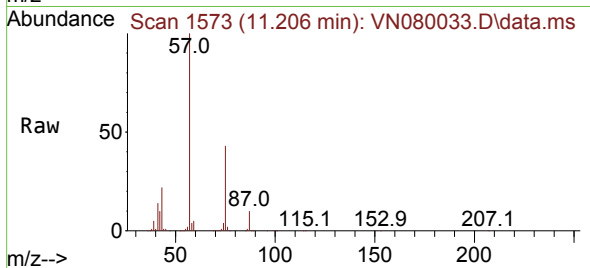




#57  
1,3-Dichloropropane  
Concen: 1.498 ug/l  
RT: 11.206 min Scan# 11  
Delta R.T. 0.041 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

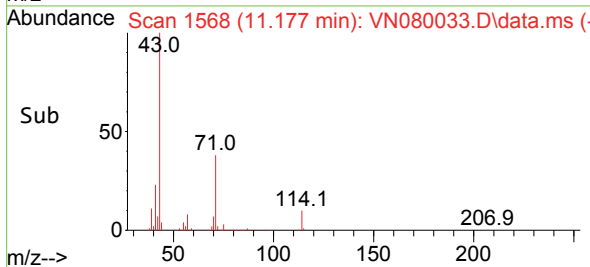
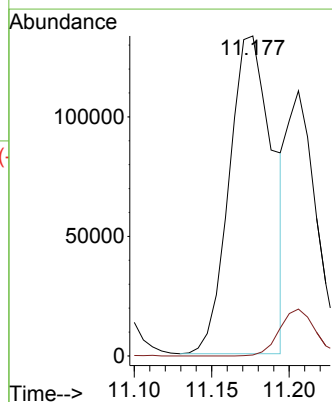
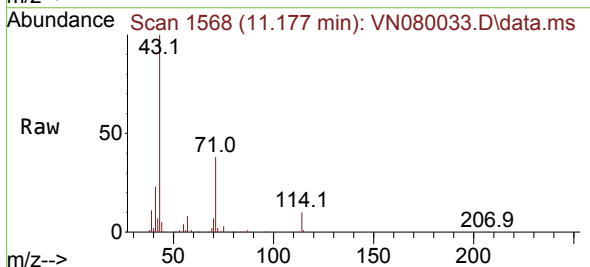
Instrument :  
MSVOA\_N  
ClientSampleId :

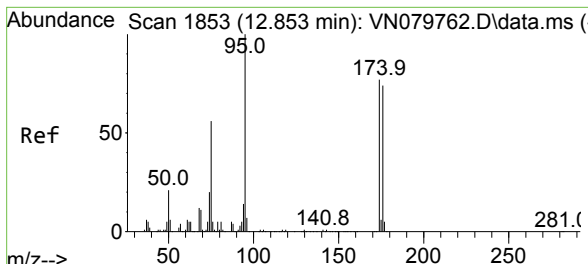
Tgt Ion: 76 Resp: 12309  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.1 39.1#



#59  
2-Hexanone  
Concen: 57.357 ug/l  
RT: 11.177 min Scan# 1568  
Delta R.T. -0.023 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

Tgt Ion: 43 Resp: 259305  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.7 95.1#

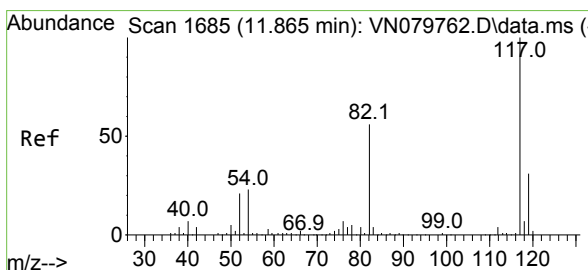
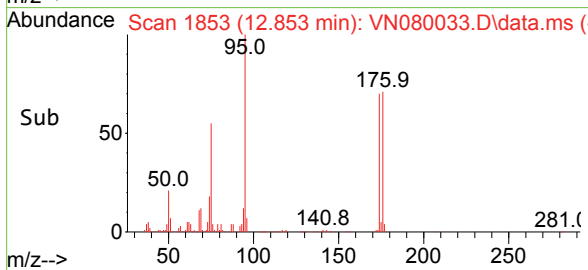
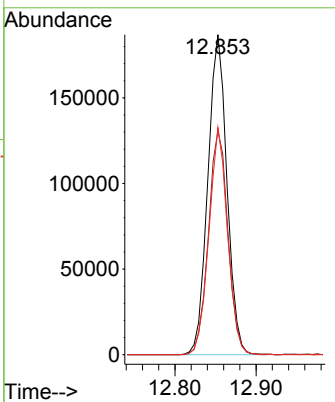
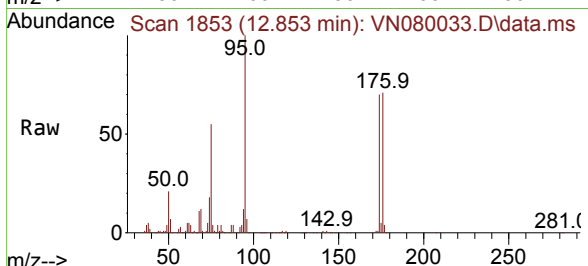




#62  
 4-Bromofluorobenzene  
 Concen: 54.697 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: VN080033.D  
 Acq: 09 Nov 2023 19:46

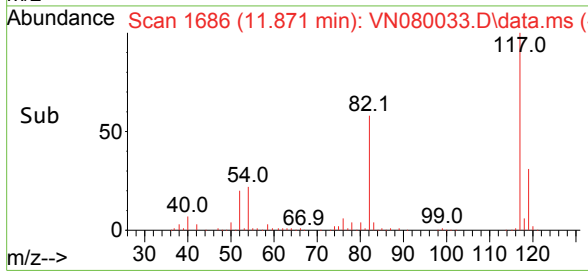
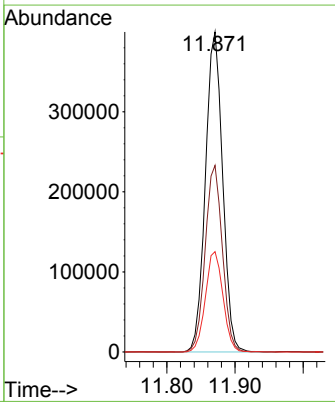
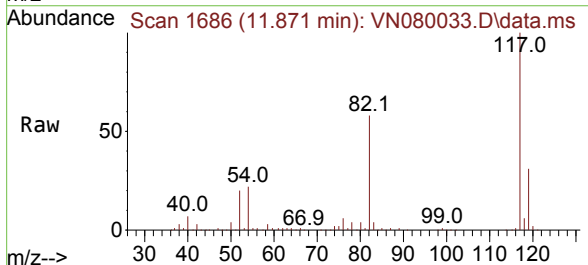
Instrument :  
 MSVOA\_N  
 ClientSampleId :

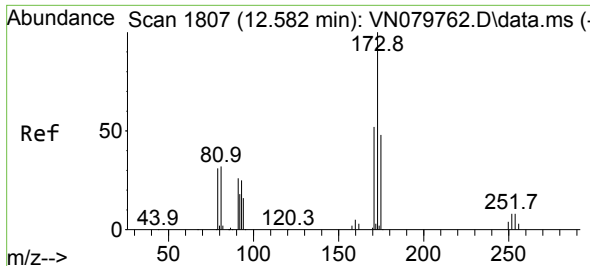
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 95    | Resp: | 305249 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 71.7  | 0.0   | 143.8  |
| 176       | 69.0  | 0.0   | 135.8  |



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.871 min Scan# 1686  
 Delta R.T. 0.000 min  
 Lab File: VN080033.D  
 Acq: 09 Nov 2023 19:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 701744 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 58.3  | 44.0  | 66.0   |
| 119       | 31.4  | 25.6  | 38.4   |

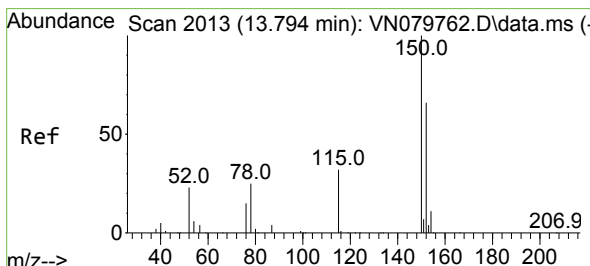
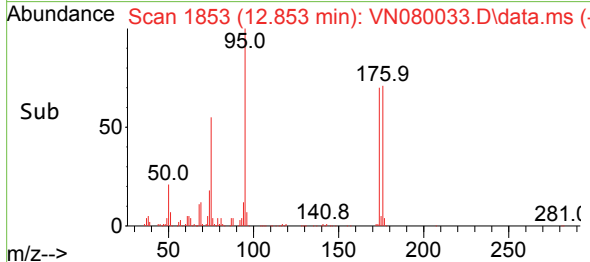
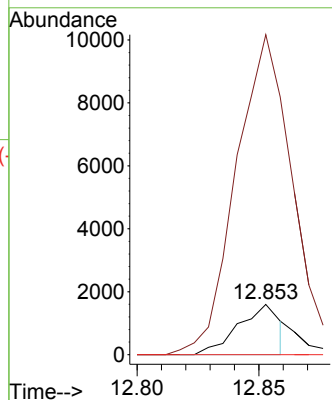
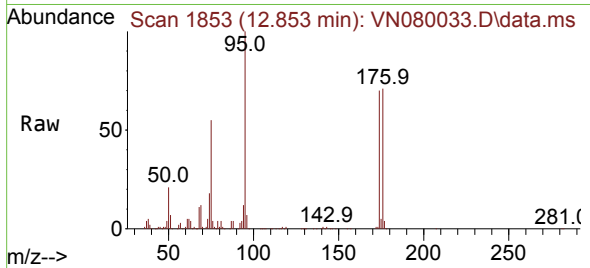




#71  
Bromoform  
Concen: 0.488 ug/l  
RT: 12.853 min Scan# 1807  
Delta R.T. 0.271 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

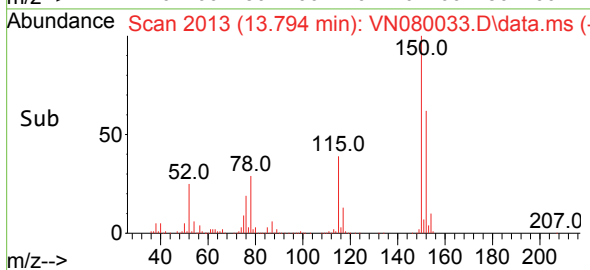
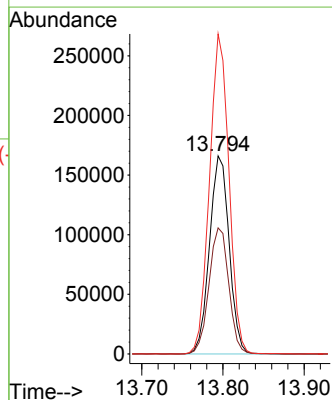
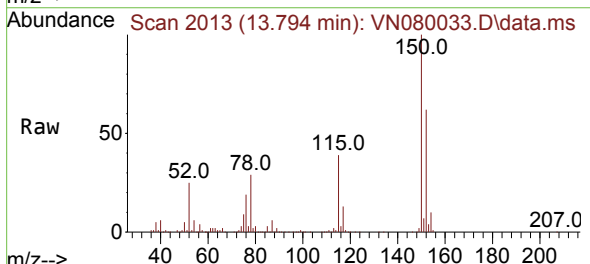
Instrument :  
MSVOA\_N  
ClientSampleId :

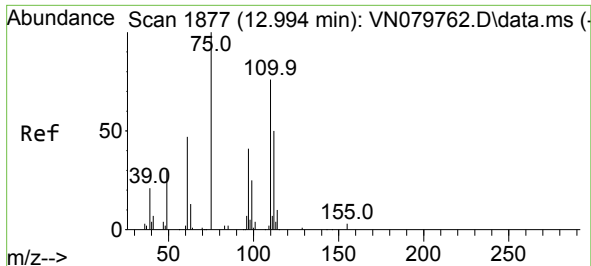
Tgt Ion:173 Resp: 1901  
Ion Ratio Lower Upper  
173 100  
175 694.3 24.3 73.0#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

Tgt Ion:152 Resp: 279211  
Ion Ratio Lower Upper  
152 100  
115 64.1 32.3 96.8  
150 159.5 0.0 355.8

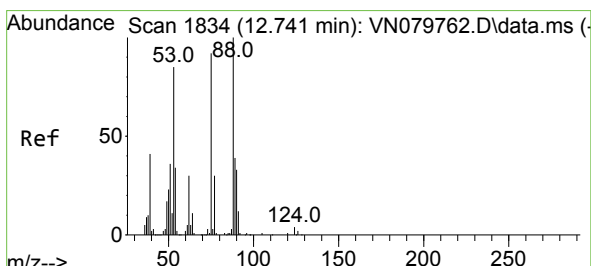
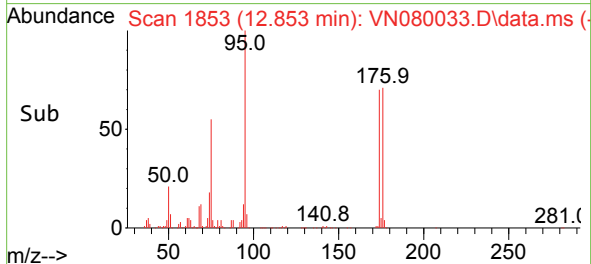
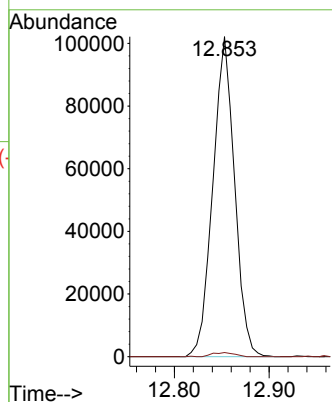
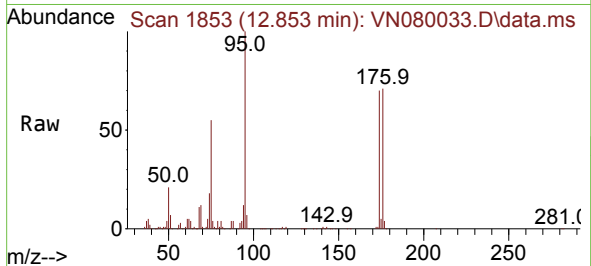




#76  
1,2,3-Trichloropropane  
Concen: 24.758 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.141 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

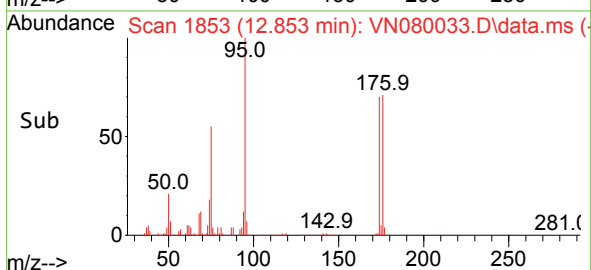
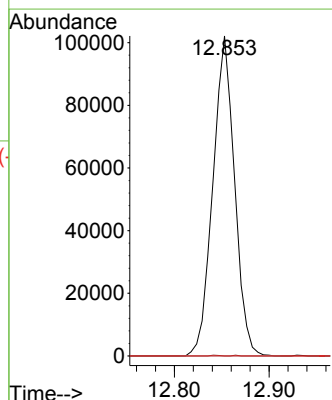
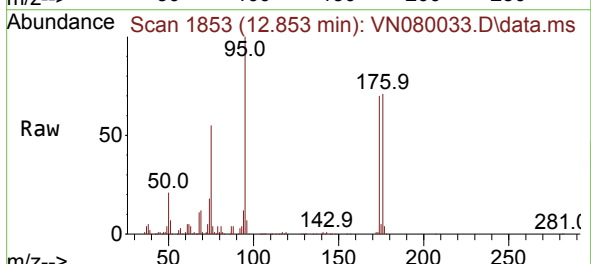
Instrument :  
MSVOA\_N  
ClientSampleId :

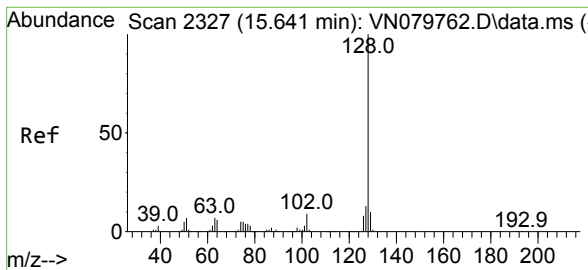
Tgt Ion: 75 Resp: 162287  
Ion Ratio Lower Upper  
75 100  
77 1.4 84.5 253.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 67.359 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.118 min  
Lab File: VN080033.D  
Acq: 09 Nov 2023 19:46

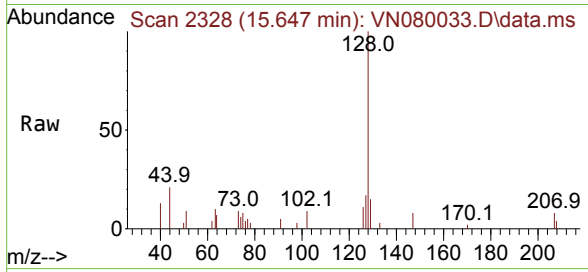
Tgt Ion: 75 Resp: 162287  
Ion Ratio Lower Upper  
75 100  
53 0.1 67.4 101.2#  
89 0.0 38.8 58.2#





#95  
 Naphthalene  
 Concen: 0.942 ug/l  
 RT: 15.647 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN080033.D  
 Acq: 09 Nov 2023 19:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 13843 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.0  | 10.0  | 15.0  |
| 129      | 11.7  | 8.7   | 13.1  |

