

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030823\  
 Data File : VN076875.D  
 Acq On : 08 Mar 2023 10:33  
 Operator : JC\MD  
 Sample : VN0308MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

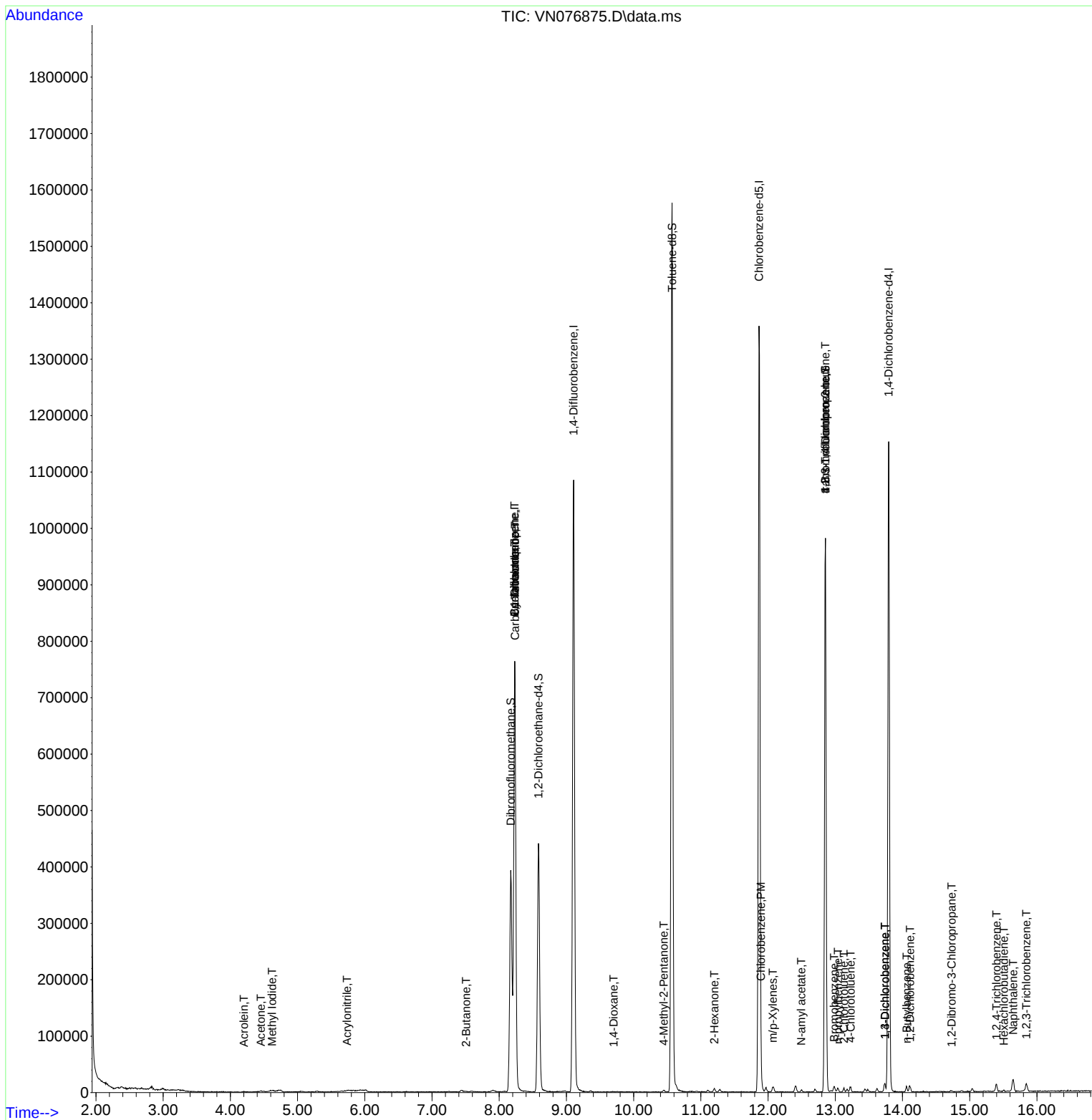
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0308MBL01

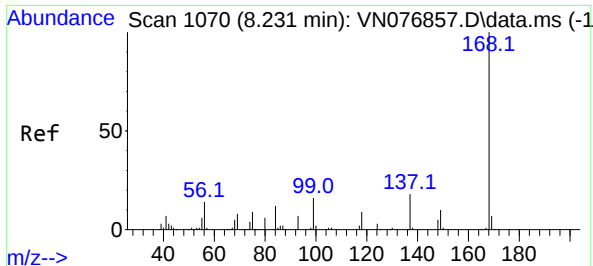
Quant Time: Mar 09 03:20:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 07 08:45:33 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.231          | 168  | 541726     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.107          | 114  | 943815     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.866         | 117  | 805726     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.795         | 152  | 309622     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.584          | 65   | 355162     | 46.762    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 93.520%   |        |          |
| 35) Dibromofluoromethane      | 8.172          | 113  | 286676     | 48.554    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 97.100%   |        |          |
| 50) Toluene-d8                | 10.572         | 98   | 1117298    | 49.118    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 98.240%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.854         | 95   | 360002     | 45.672    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 91.340%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 6) Chloroethane               | 3.137          | 64   | 82         | Below Cal | #      | 42       |
| 10) Methyl Iodide             | 4.619          | 142  | 3426       | 0.507     | ug/l # | 63       |
| 13) Acrolein                  | 4.202          | 56   | 756        | 0.518     | ug/l # | 57       |
| 15) Acrylonitrile             | 5.737          | 53   | 1453       | 0.401     | ug/l # | 36       |
| 16) Acetone                   | 4.454          | 43   | 2364       | 0.713     | ug/l   | 95       |
| 25) 2-Butanone                | 7.507          | 43   | 1031       | 0.213     | ug/l   | 97       |
| 31) Cyclohexane               | 8.231          | 56   | 11398      | 0.888     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 8.231          | 75   | 45588      | 4.804     | ug/l # | 47       |
| 38) Carbon Tetrachloride      | 8.237          | 117  | 60166      | 6.241     | ug/l # | 16       |
| 49) 1,4-Dioxane               | 9.701          | 88   | 99         | 0.745     | ug/l # | 61       |
| 51) 4-Methyl-2-Pentanone      | 10.448         | 43   | 2471       | 0.263     | ug/l # | 74       |
| 59) 2-Hexanone                | 11.201         | 43   | 4186       | 0.614     | ug/l   | 82       |
| 65) Chlorobenzene             | 11.895         | 112  | 4080       | 0.234     | ug/l # | 79       |
| 68) m/p-Xylenes               | 12.072         | 106  | 3351       | 0.282     | ug/l   | 97       |
| 74) N-amyl acetate            | 12.495         | 43   | 2145       | 0.203     | ug/l # | 81       |
| 76) 1,2,3-Trichloropropane    | 12.854         | 75   | 181865     | 23.290    | ug/l # | 1        |
| 77) Bromobenzene              | 12.983         | 156  | 2345       | 0.393     | ug/l   | 94       |
| 78) n-propylbenzene           | 13.042         | 91   | 6191       | 0.201     | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.130         | 91   | 4011       | 0.203     | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 12.854         | 75   | 181865     | 76.812    | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 13.230         | 91   | 6299       | 0.337     | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.742         | 146  | 5566       | 0.510     | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.742         | 146  | 5566       | 0.503     | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.066         | 91   | 5462       | 0.293     | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.113         | 146  | 5237       | 0.474     | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.730         | 75   | 630        | 0.384     | ug/l   | 76       |
| 93) 1,2,4-Trichlorobenzene    | 15.401         | 180  | 4534       | 0.820     | ug/l   | 89       |
| 94) Hexachlorobutadiene       | 15.507         | 225  | 587        | 0.204     | ug/l # | 71       |
| 95) Naphthalene               | 15.648         | 128  | 20321      | 1.148     | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.842         | 180  | 5745       | 1.058     | ug/l   | 98       |
| -----                         |                |      |            |           |        |          |

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

Quant Time: Mar 09 03:20:23 2023  
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Quant Title : SW846 8260  
QLast Update : Tue Mar 07 08:45:33 2023  
Response via : Initial Calibration

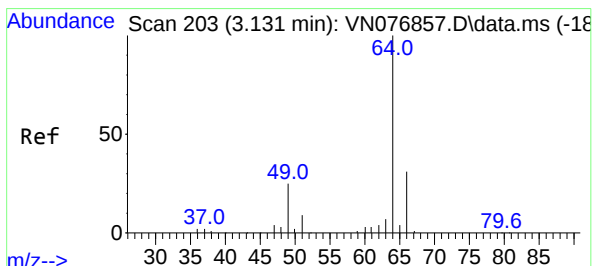
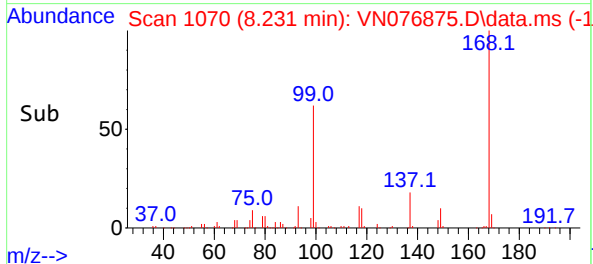
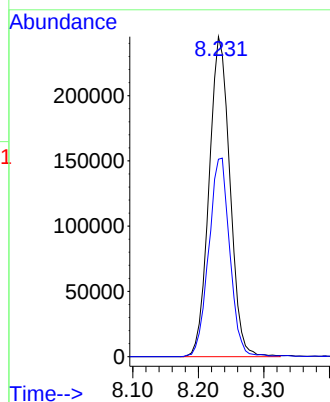
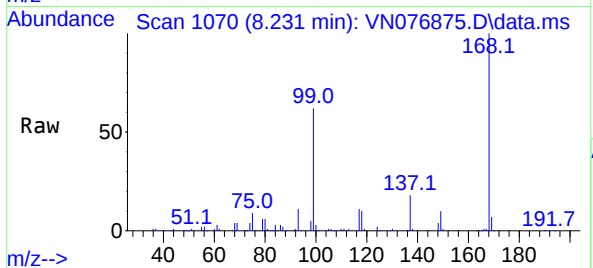




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

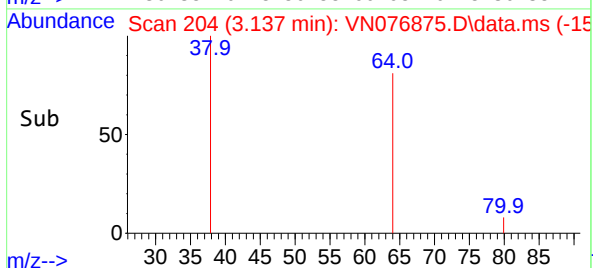
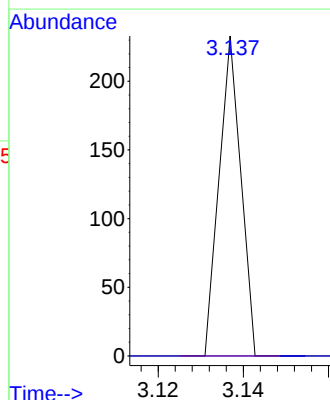
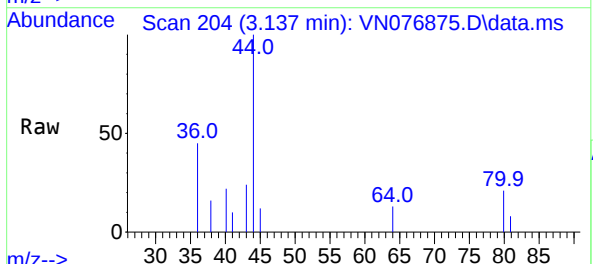
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

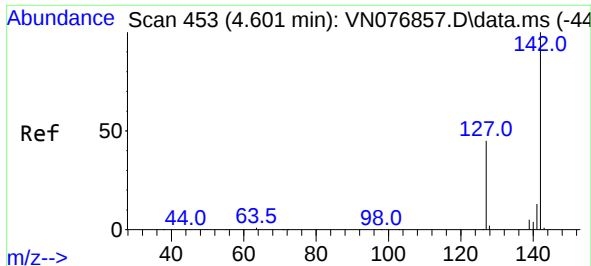
Tgt Ion:168 Resp: 541726  
Ion Ratio Lower Upper  
168 100  
99 61.7 48.6 73.0



#6  
Chloroethane  
Concen: Below Cal  
RT: 3.137 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 64 Resp: 82  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#

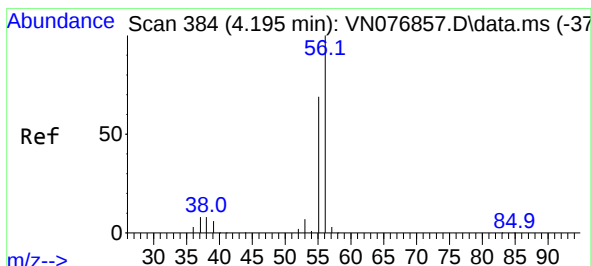
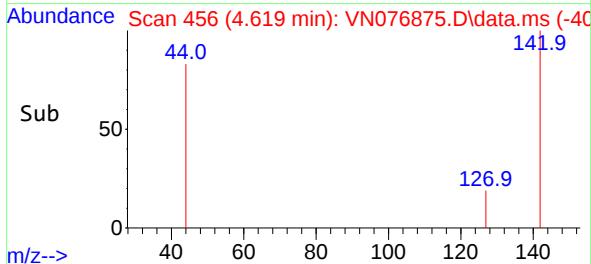
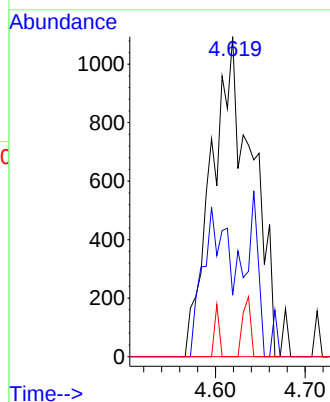
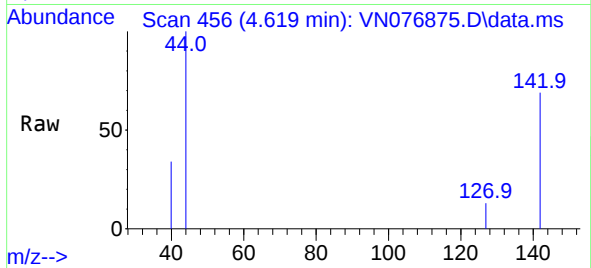




#10  
Methyl Iodide  
Concen: 0.507 ug/l  
RT: 4.619 min Scan# 41  
Delta R.T. 0.018 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

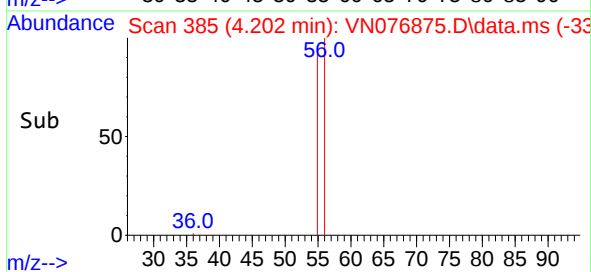
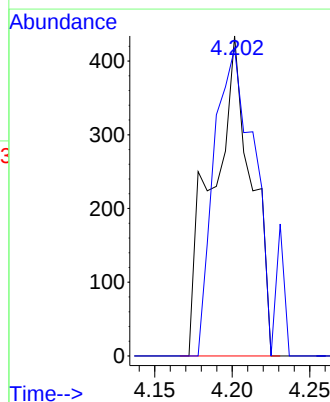
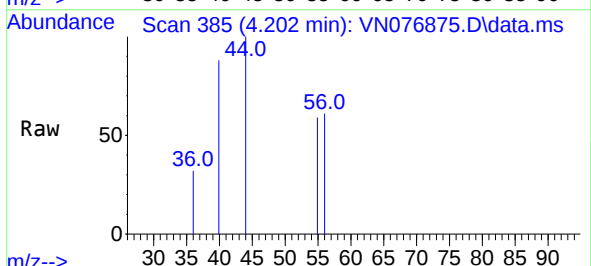
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

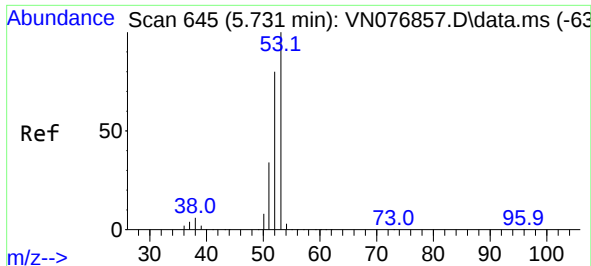
Tgt Ion:142 Resp: 3426  
Ion Ratio Lower Upper  
142 100  
127 19.2 35.2 52.8#  
141 0.0 10.2 15.2#



#13  
Acrolein  
Concen: 0.518 ug/l  
RT: 4.202 min Scan# 385  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 56 Resp: 756  
Ion Ratio Lower Upper  
56 100  
55 106.2 56.7 85.1#

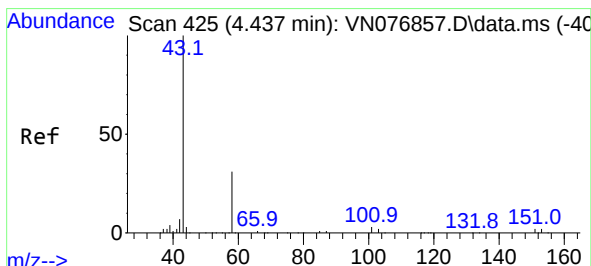
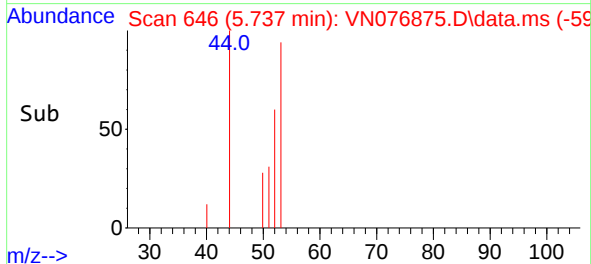
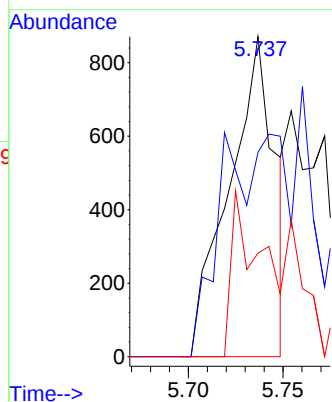
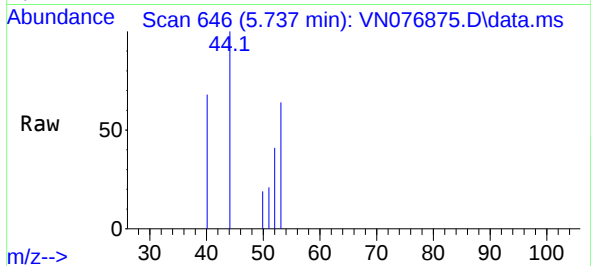




#15  
Acrylonitrile  
Concen: 0.401 ug/l  
RT: 5.737 min Scan# 645  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

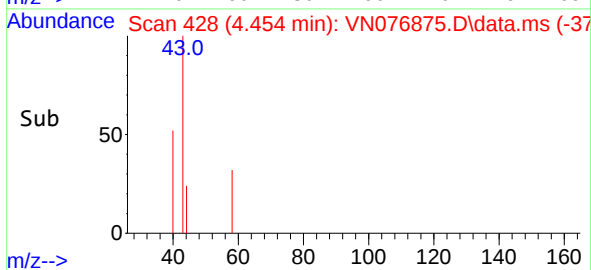
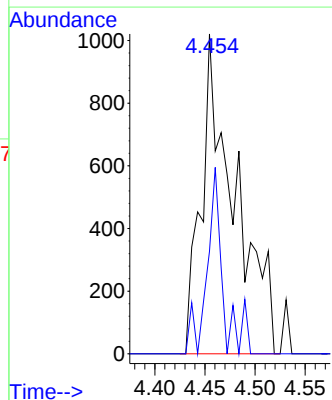
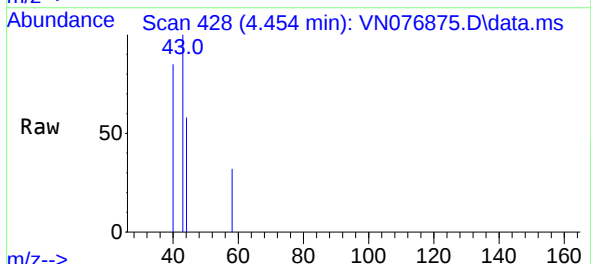
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

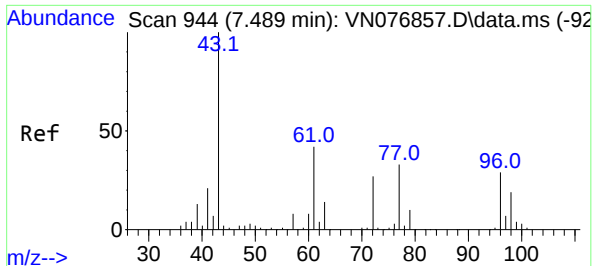
Tgt Ion: 53 Resp: 1453  
Ion Ratio Lower Upper  
53 100  
52 23.7 65.3 97.9#  
51 0.0 28.8 43.2#



#16  
Acetone  
Concen: 0.713 ug/l  
RT: 4.454 min Scan# 428  
Delta R.T. 0.017 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 43 Resp: 2364  
Ion Ratio Lower Upper  
43 100  
58 32.0 28.2 42.2

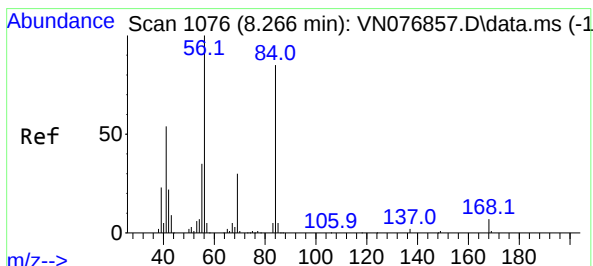
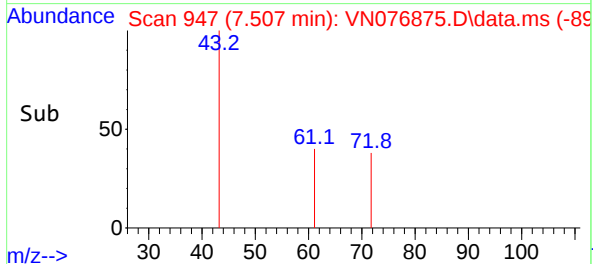
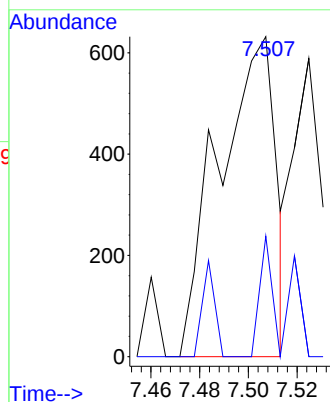
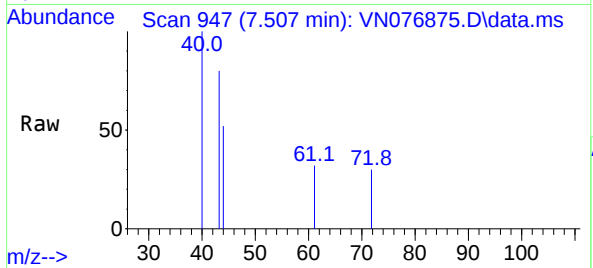




#25  
2-Butanone  
Concen: 0.213 ug/l  
RT: 7.507 min Scan# 94  
Delta R.T. 0.018 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

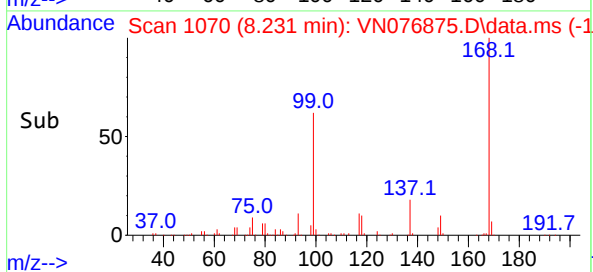
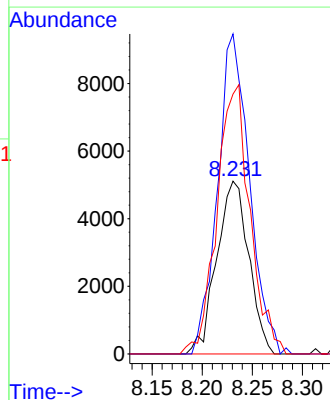
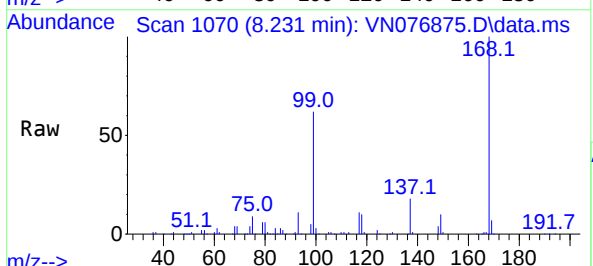
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

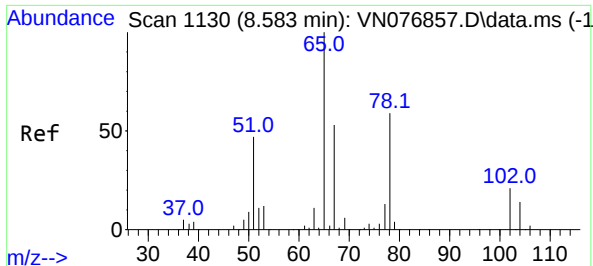
Tgt Ion: 43 Resp: 1031  
Ion Ratio Lower Upper  
43 100  
72 37.7 28.8 43.2



#31  
Cyclohexane  
Concen: 0.888 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.035 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 56 Resp: 11398  
Ion Ratio Lower Upper  
56 100  
69 185.1 27.0 40.6#  
84 150.3 82.9 124.3#





#33

1,2-Dichloroethane-d4

Concen: 46.762 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN076875.D

Acq: 08 Mar 2023 10:33

Instrument :

MSVOA\_N

ClientSampleId :

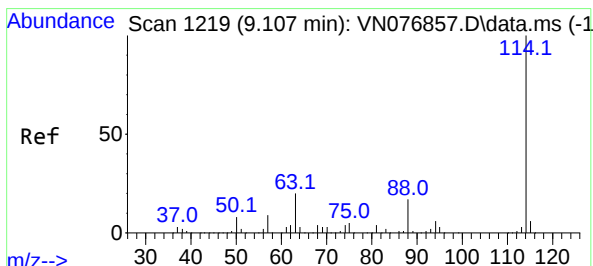
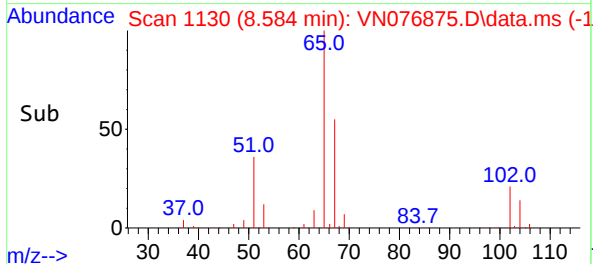
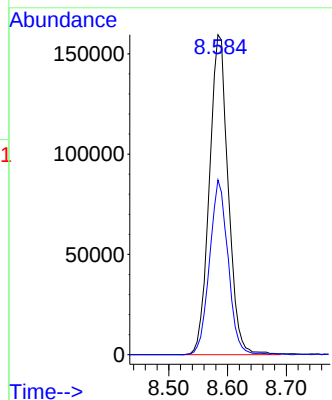
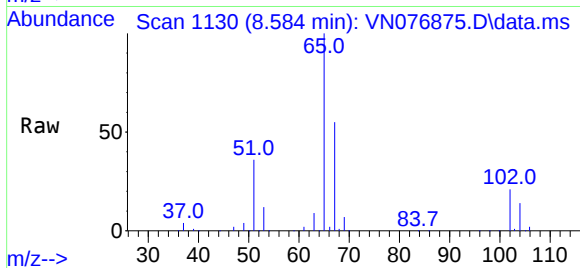
VN0308MBL01

Tgt Ion: 65 Resp: 355162

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076875.D

Acq: 08 Mar 2023 10:33

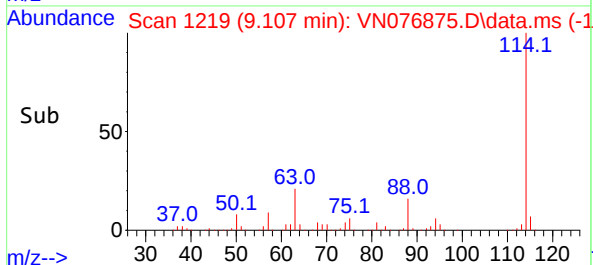
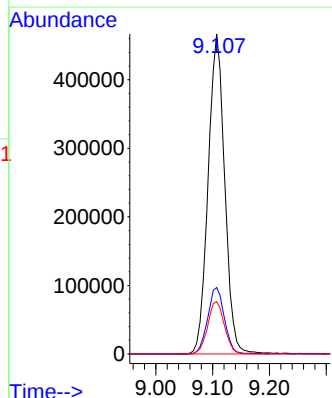
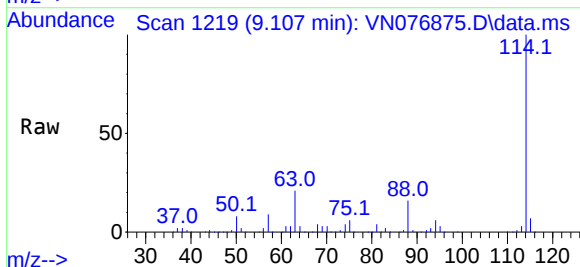
Tgt Ion: 114 Resp: 943815

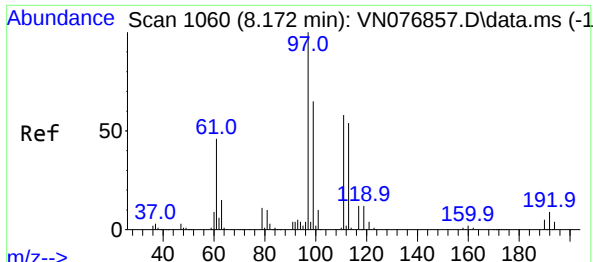
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.6

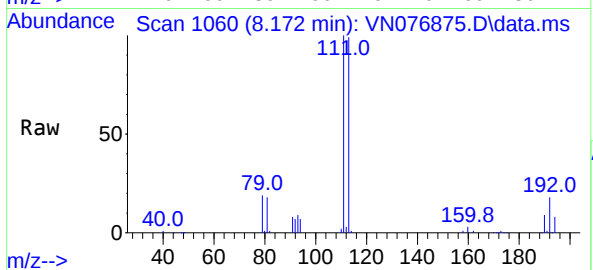
88 16.3 0.0 28.6



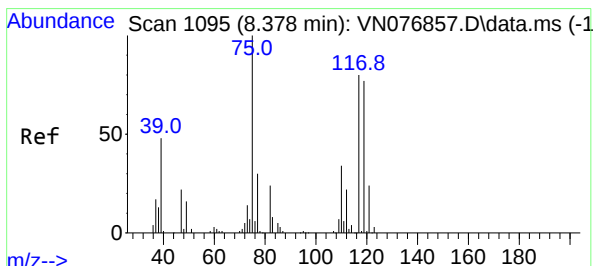
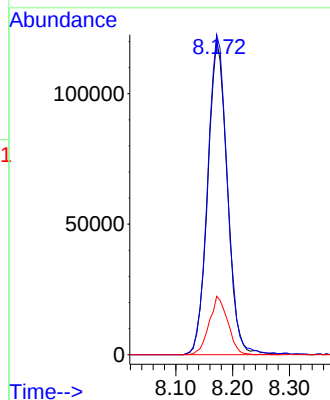
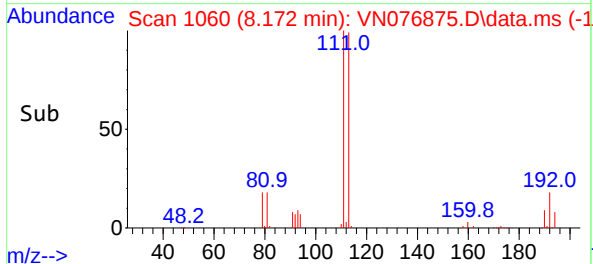


#35  
Dibromofluoromethane  
Concen: 48.554 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

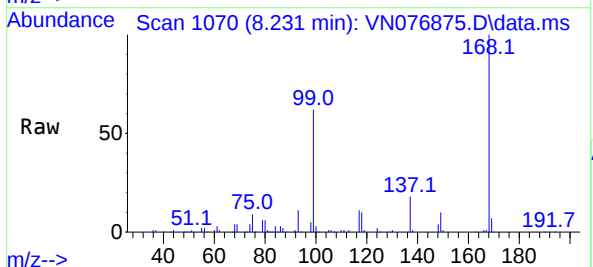
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01



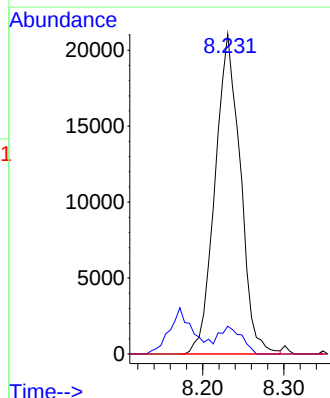
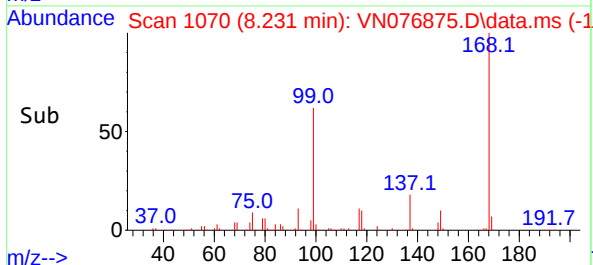
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Ion Ratio Lower Upper  
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111 102.7 81.8 122.8  
192 17.6 13.9 20.9

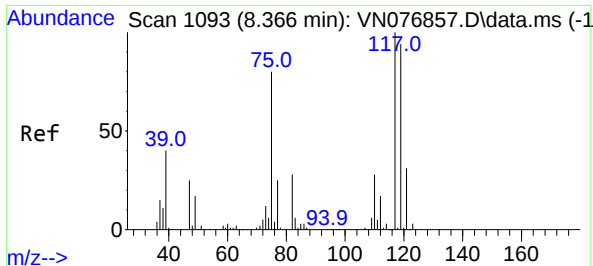


#36  
1,1-Dichloropropene  
Concen: 4.804 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.147 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33



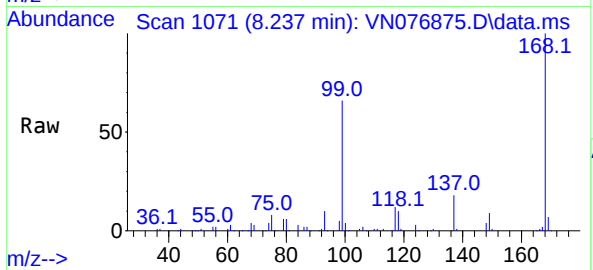
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Ion Ratio Lower Upper  
75 100  
110 7.6 18.9 56.9#  
77 0.0 24.9 37.3#



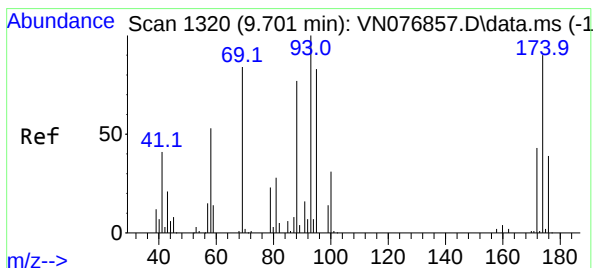
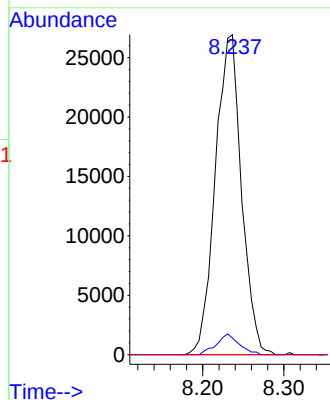
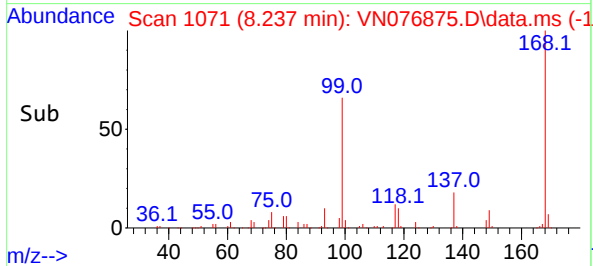


#38  
Carbon Tetrachloride  
Concen: 6.241 ug/l  
RT: 8.237 min Scan# 1093  
Delta R.T. -0.129 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

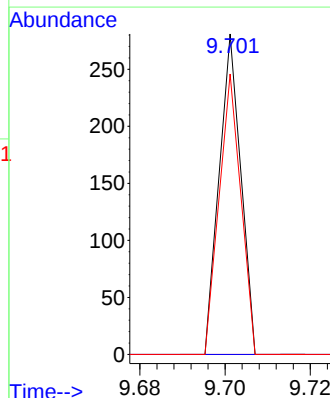
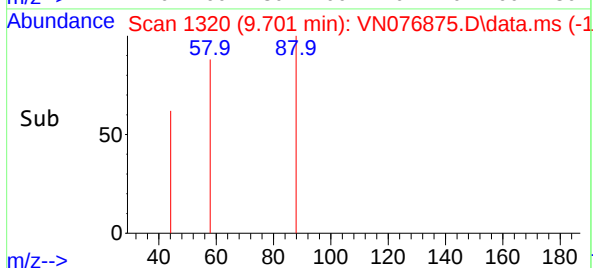
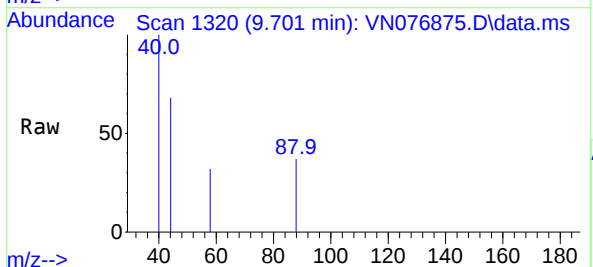


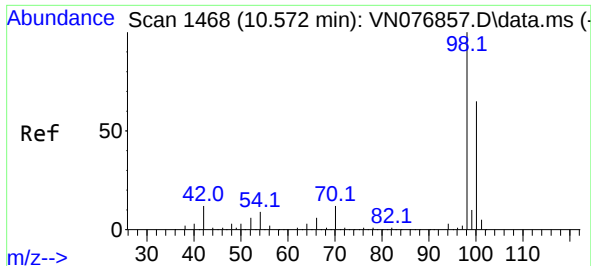
Tgt Ion:117 Resp: 60166  
Ion Ratio Lower Upper  
117 100  
119 5.2 76.9 115.3#  
121 0.0 23.2 34.8#



#49  
1,4-Dioxane  
Concen: 0.745 ug/l  
RT: 9.701 min Scan# 1320  
Delta R.T. 0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 88 Resp: 99  
Ion Ratio Lower Upper  
88 100  
43 0.0 15.3 22.9#  
58 87.9 47.6 71.4#

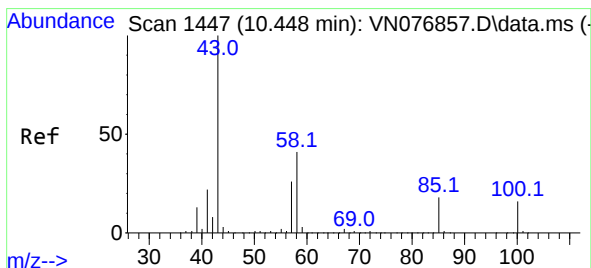
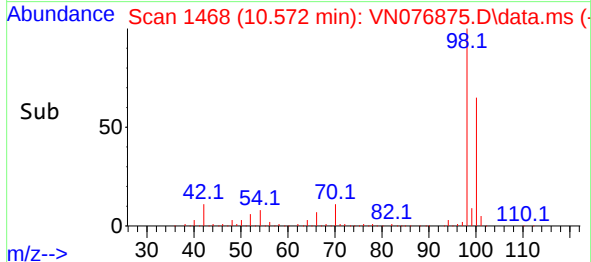
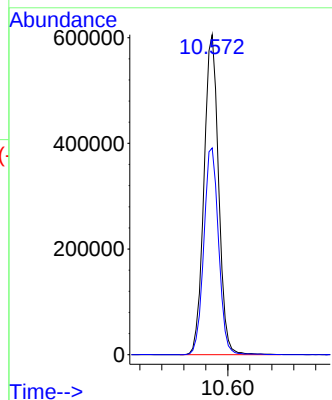
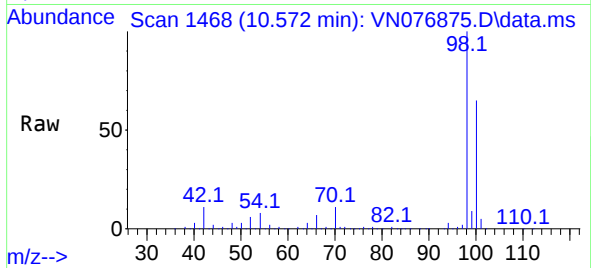




#50  
Toluene-d8  
Concen: 49.118 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

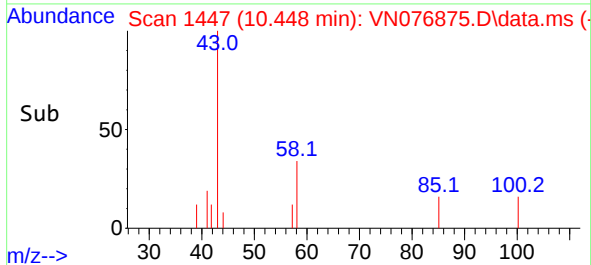
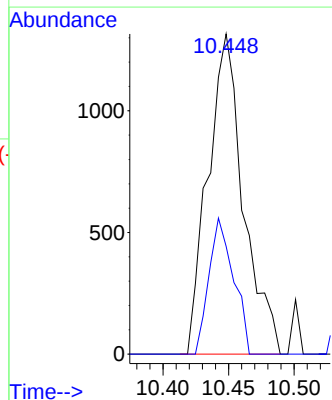
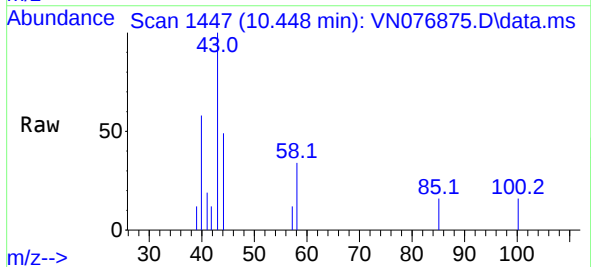
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

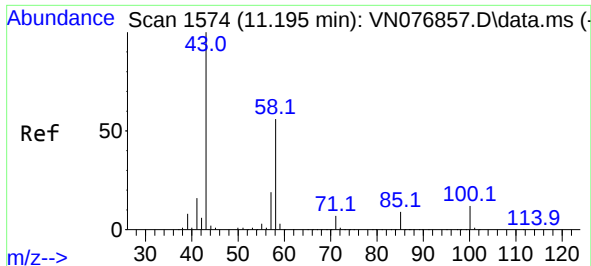
Tgt Ion: 98 Resp: 1117298  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.8 79.2



#51  
4-Methyl-2-Pentanone  
Concen: 0.263 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 43 Resp: 2471  
Ion Ratio Lower Upper  
43 100  
58 29.5 37.4 56.0#

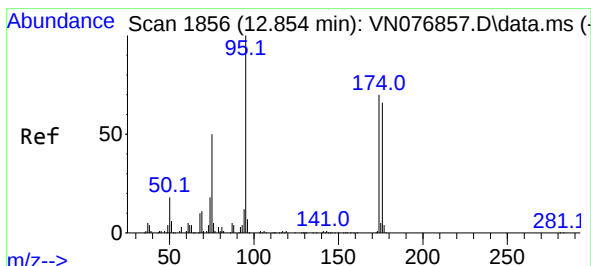
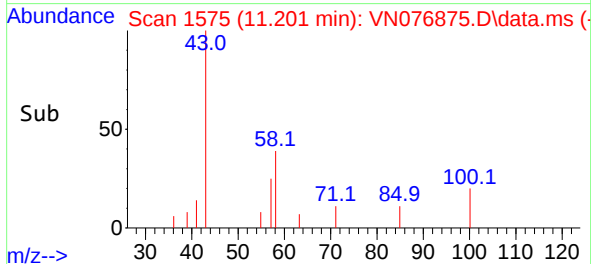
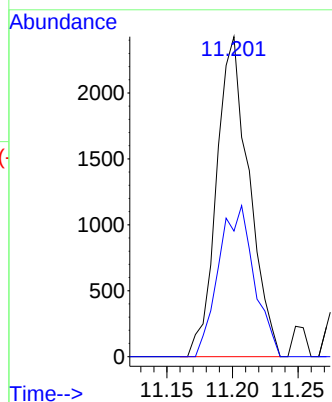
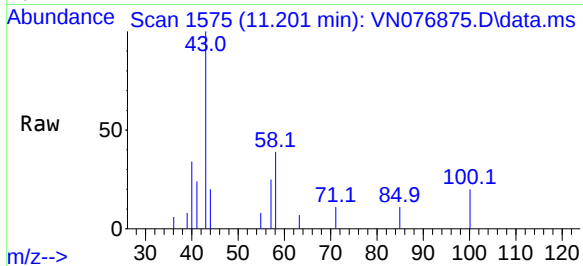




#59  
2-Hexanone  
Concen: 0.614 ug/l  
RT: 11.201 min Scan# 1117  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

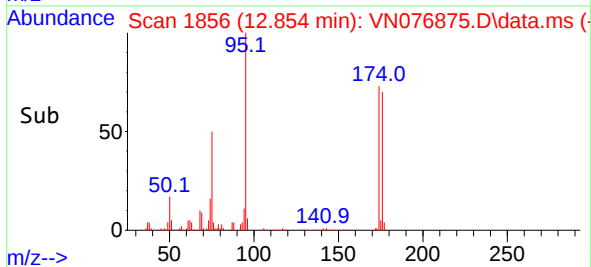
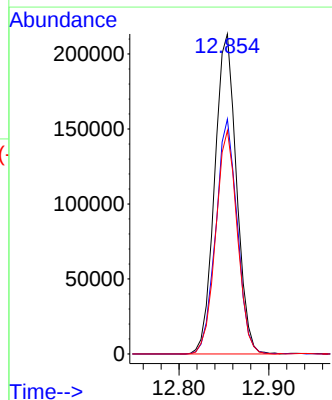
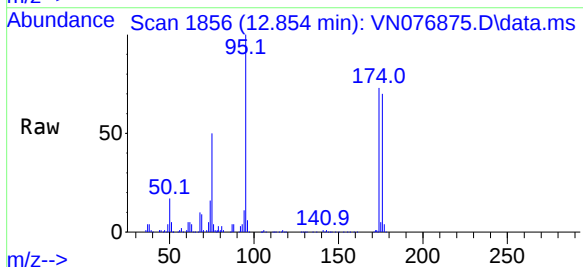
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

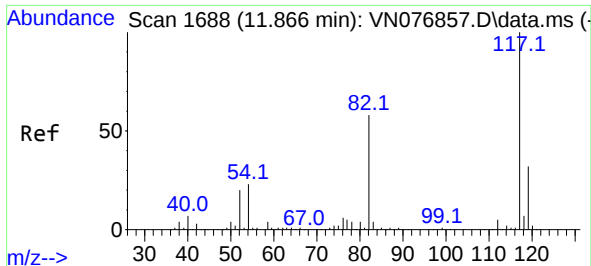
Tgt Ion: 43 Resp: 4186  
Ion Ratio Lower Upper  
43 100  
58 51.5 32.6 98.0



#62  
4-Bromofluorobenzene  
Concen: 45.672 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. -0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 95 Resp: 360002  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 162.4  
176 69.0 0.0 157.4

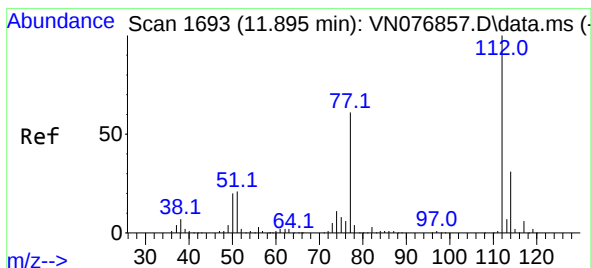
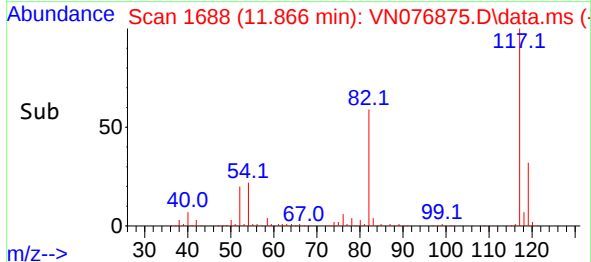
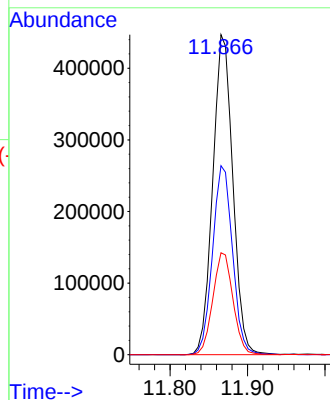
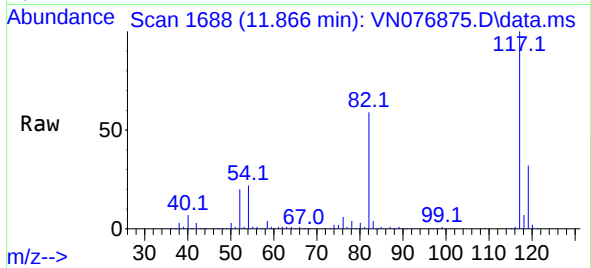




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

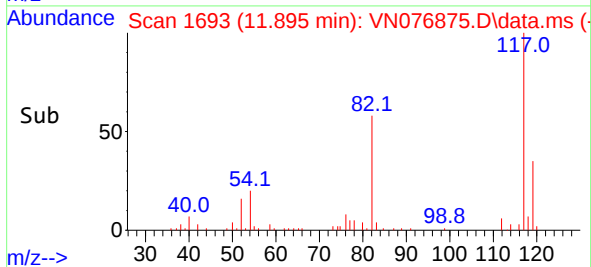
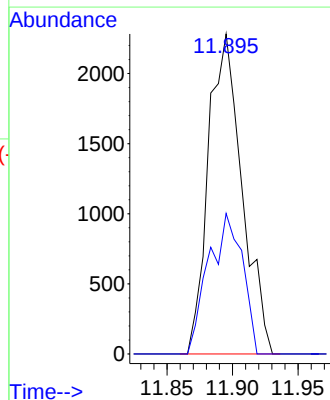
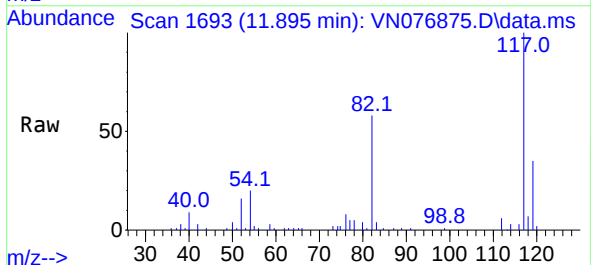
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

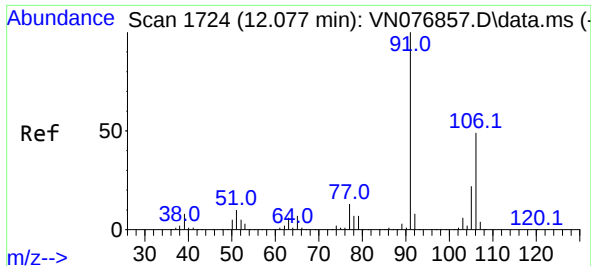
Tgt Ion:117 Resp: 805726  
Ion Ratio Lower Upper  
117 100  
82 59.1 43.5 65.3  
119 31.8 25.5 38.3



#65  
Chlorobenzene  
Concen: 0.234 ug/l  
RT: 11.895 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion:112 Resp: 4080  
Ion Ratio Lower Upper  
112 100  
114 43.9 25.8 38.8#

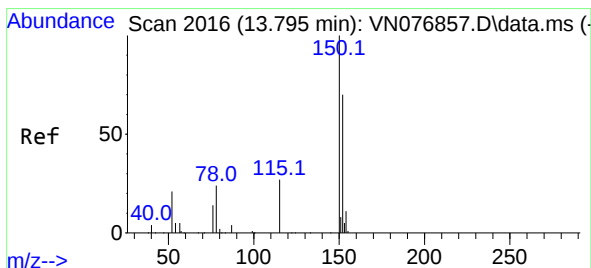
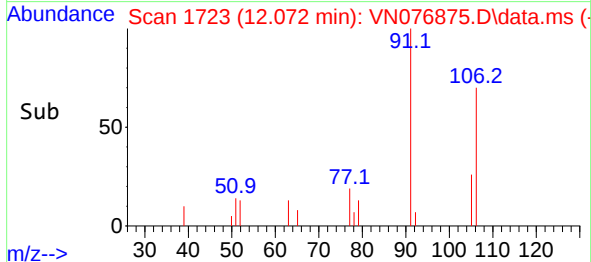
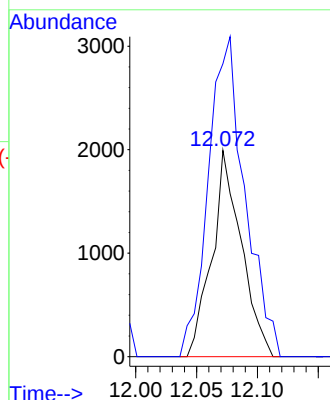
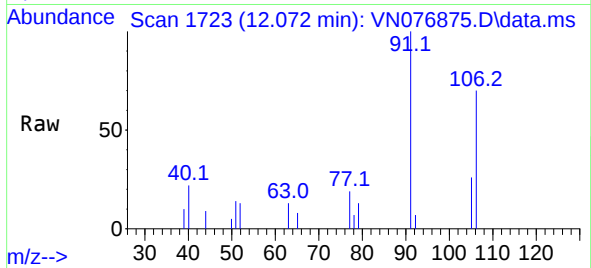




#68  
m/p-Xylenes  
Concen: 0.282 ug/l  
RT: 12.072 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

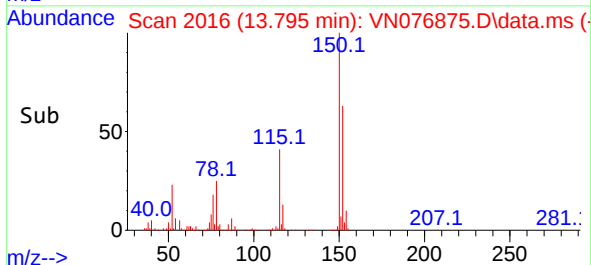
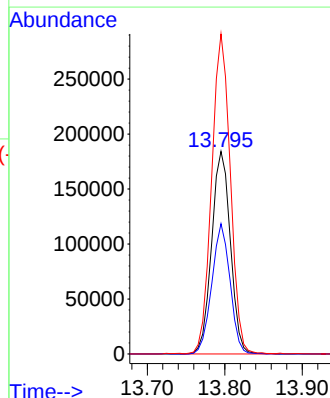
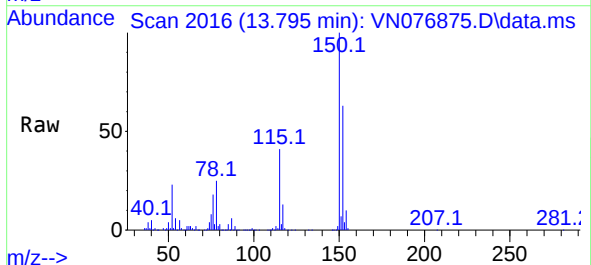
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

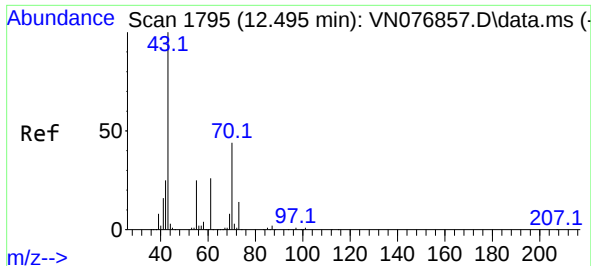
Tgt Ion:106 Resp: 3351  
Ion Ratio Lower Upper  
106 100  
91 192.7 158.0 237.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

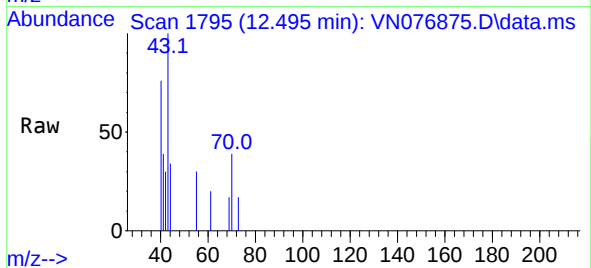
Tgt Ion:152 Resp: 309622  
Ion Ratio Lower Upper  
152 100  
115 62.6 30.3 90.9  
150 157.7 0.0 353.6





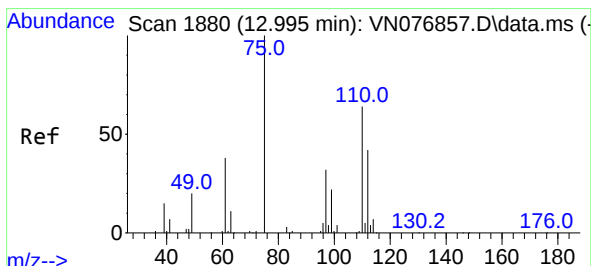
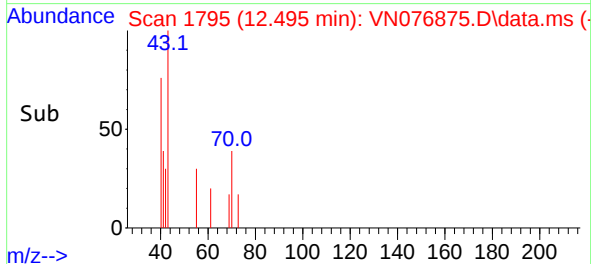
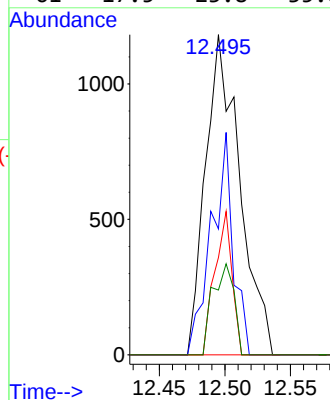
#74  
N-amy1 acetate  
Concen: 0.203 ug/l  
RT: 12.495 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01



Tgt Ion: 43 Resp: 2145

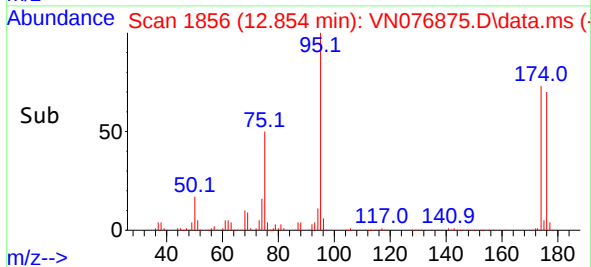
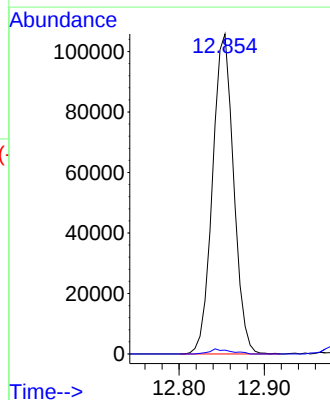
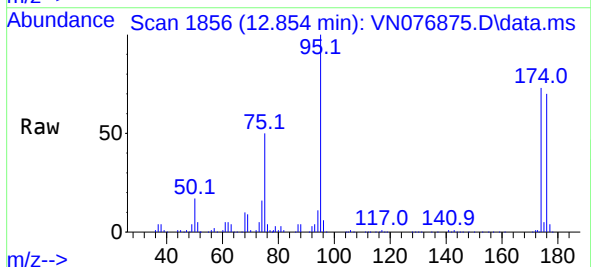
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 43.6  | 46.8  | 70.2# |
| 55  | 22.4  | 23.4  | 35.2# |
| 61  | 17.5  | 23.8  | 35.8# |

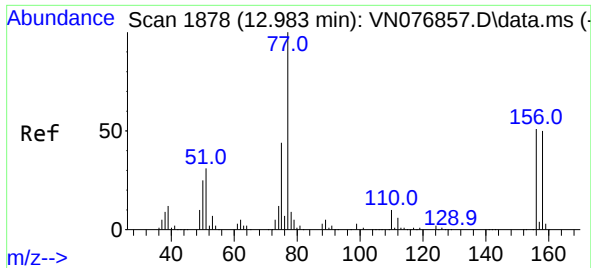


#76  
1,2,3-Trichloropropane  
Concen: 23.290 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. -0.141 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 75 Resp: 181865

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 75  | 100   |       |        |
| 77  | 1.6   | 93.8  | 281.4# |

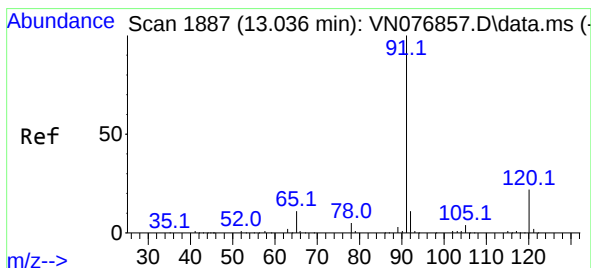
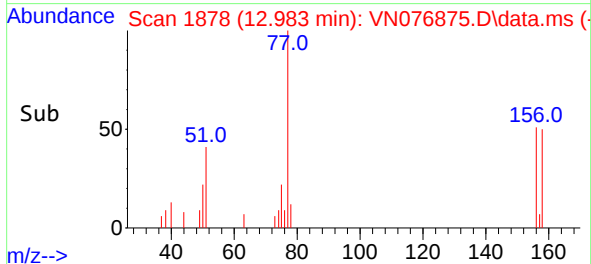
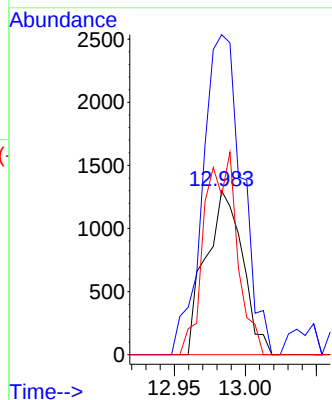
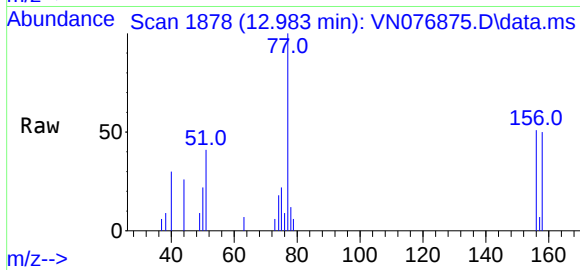




#77  
Bromobenzene  
Concen: 0.393 ug/l  
RT: 12.983 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

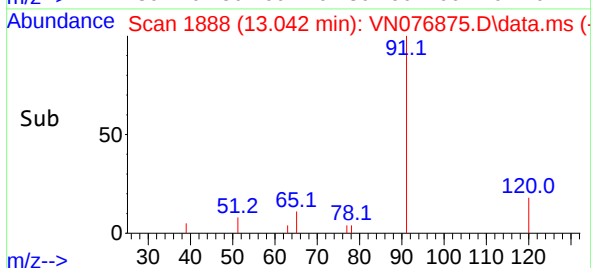
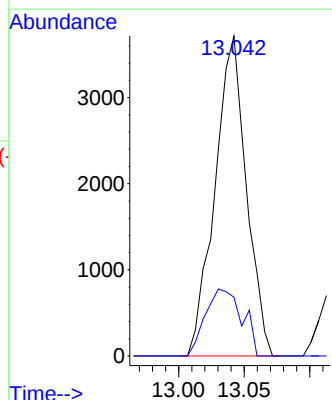
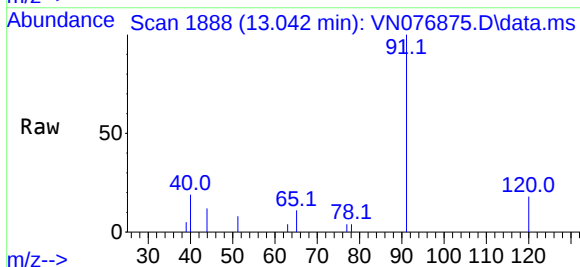
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

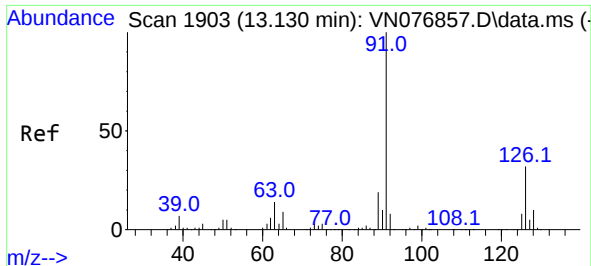
Tgt Ion:156 Resp: 2345  
Ion Ratio Lower Upper  
156 100  
77 208.8 101.3 303.7  
158 109.0 48.9 146.7



#78  
n-propylbenzene  
Concen: 0.201 ug/l  
RT: 13.042 min Scan# 1888  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 91 Resp: 6191  
Ion Ratio Lower Upper  
91 100  
120 24.4 11.9 35.7

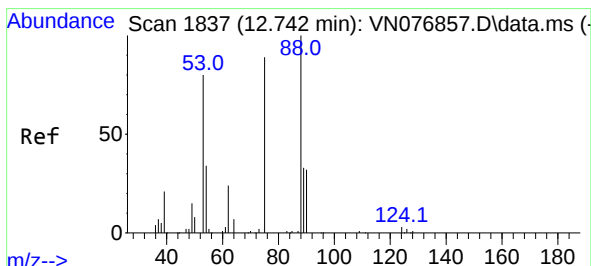
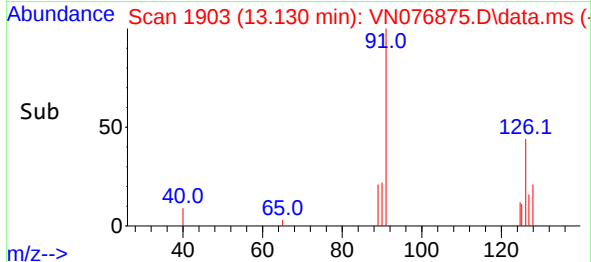
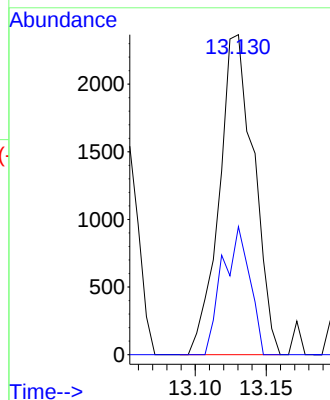
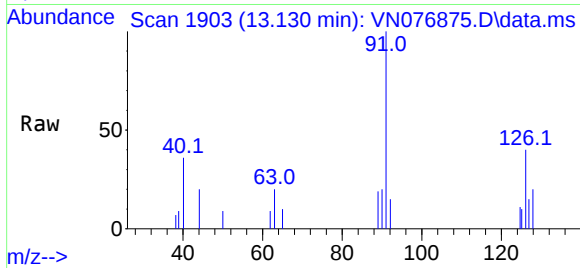




#79  
2-Chlorotoluene  
Concen: 0.203 ug/l  
RT: 13.130 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

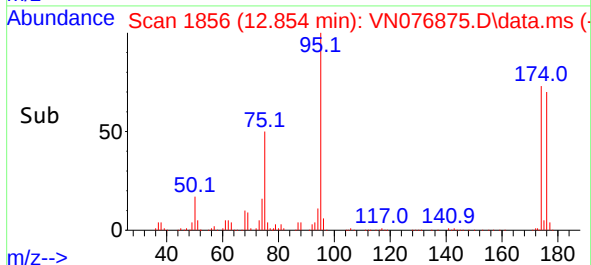
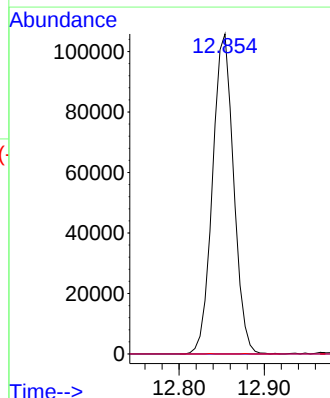
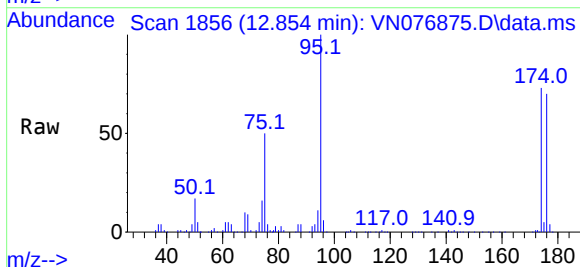
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

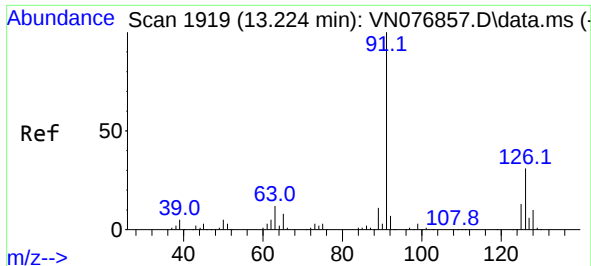
Tgt Ion: 91 Resp: 4011  
Ion Ratio Lower Upper  
91 100  
126 31.5 17.7 53.1



#81  
trans-1,4-Dichloro-2-butene  
Concen: 76.812 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.112 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 75 Resp: 181865  
Ion Ratio Lower Upper  
75 100  
53 0.0 67.4 101.0#  
89 0.0 39.5 59.3#

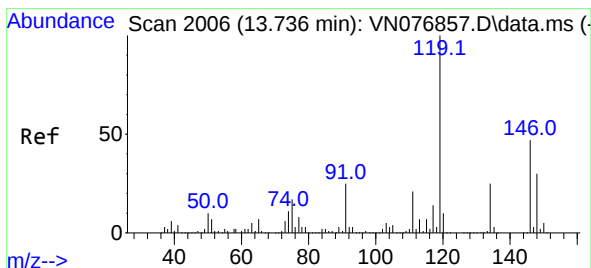
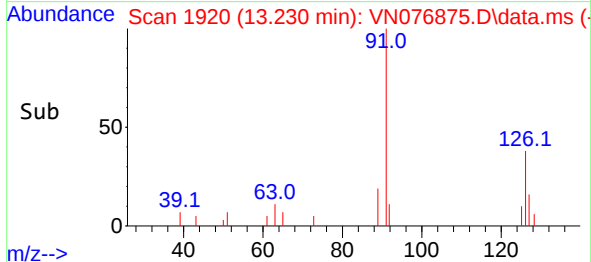
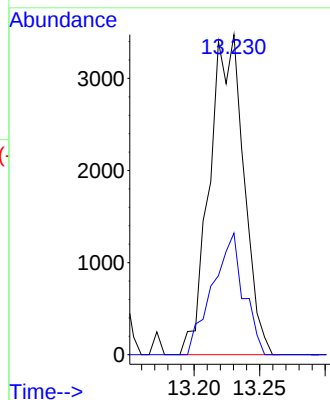
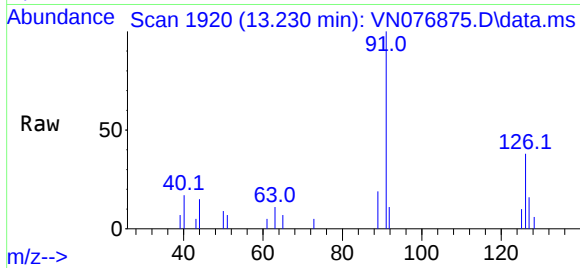




#82  
4-Chlorotoluene  
Concen: 0.337 ug/l  
RT: 13.230 min Scan# 1919  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

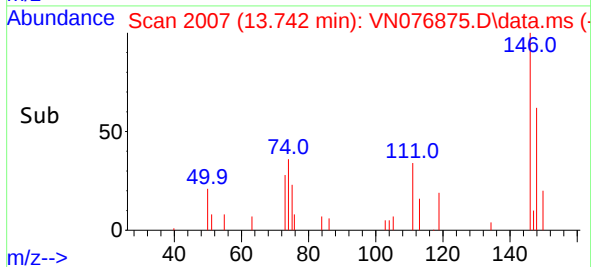
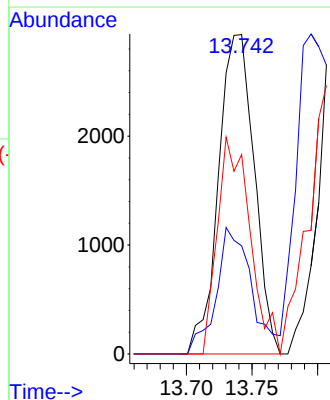
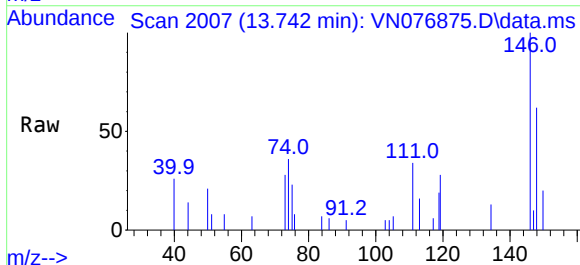
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

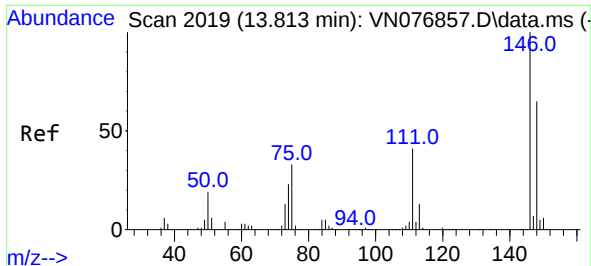
Tgt Ion: 91 Resp: 6299  
Ion Ratio Lower Upper  
91 100  
126 34.7 18.0 54.0



#87  
1,3-Dichlorobenzene  
Concen: 0.510 ug/l  
RT: 13.742 min Scan# 2007  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 146 Resp: 5566  
Ion Ratio Lower Upper  
146 100  
111 38.1 20.4 61.2  
148 61.7 31.5 94.5



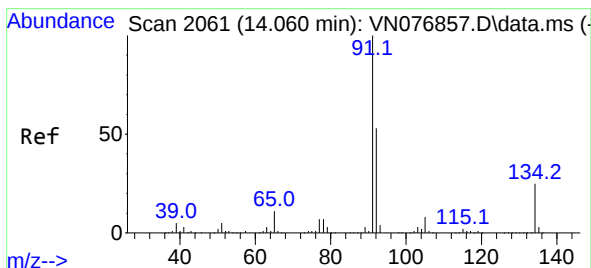
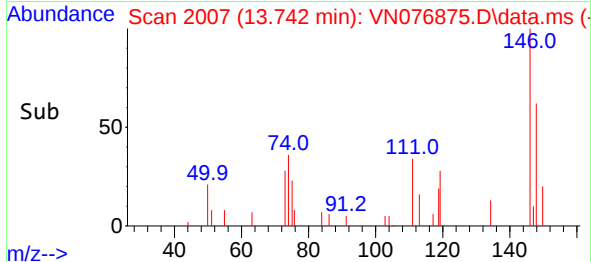
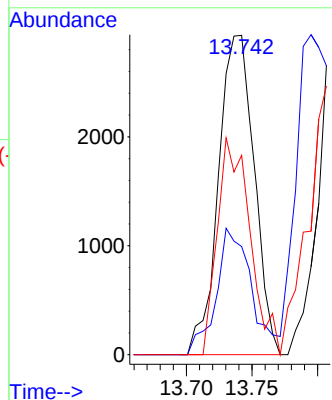
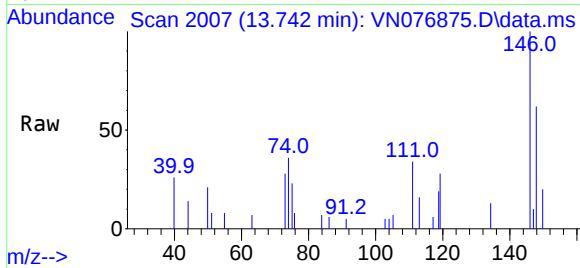


#88  
1,4-Dichlorobenzene  
Concen: 0.503 ug/l  
RT: 13.742 min Scan# 2019  
Delta R.T. -0.071 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

Tgt Ion:146 Resp: 5566

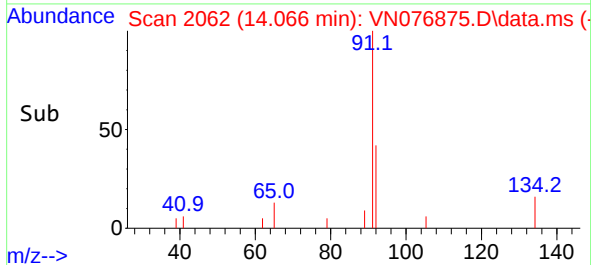
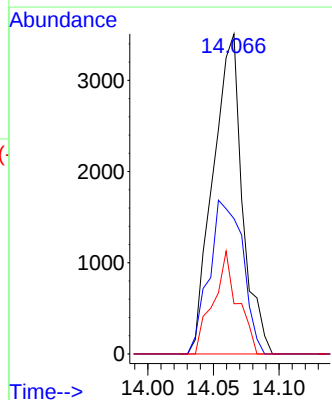
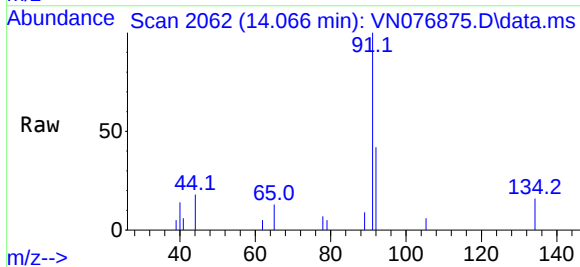
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 38.1  | 20.0  | 60.0  |
| 148 | 61.7  | 31.8  | 95.4  |

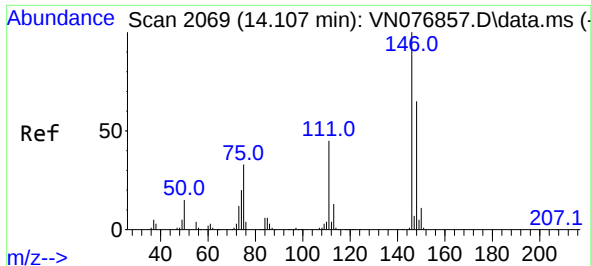


#89  
n-Butylbenzene  
Concen: 0.293 ug/l  
RT: 14.066 min Scan# 2062  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 91 Resp: 5462

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.9  | 26.6  | 79.7  |
| 134 | 26.7  | 13.6  | 40.7  |

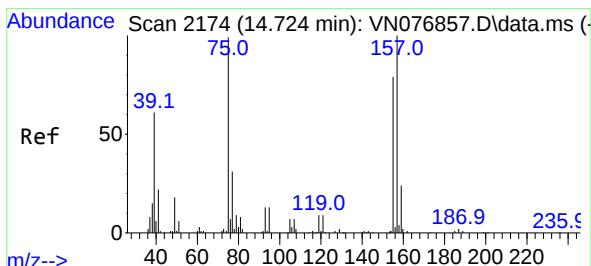
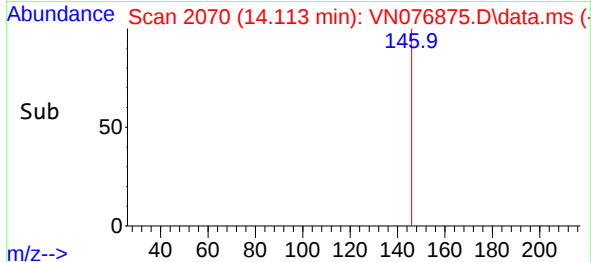
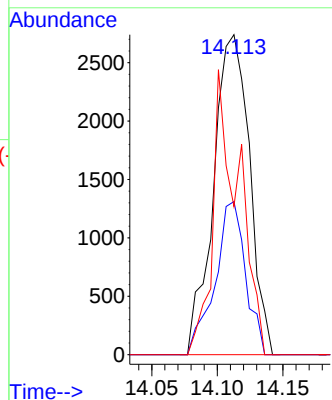
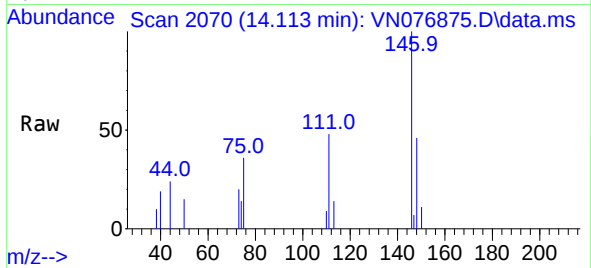




#91  
1,2-Dichlorobenzene  
Concen: 0.474 ug/l  
RT: 14.113 min Scan# 2069  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

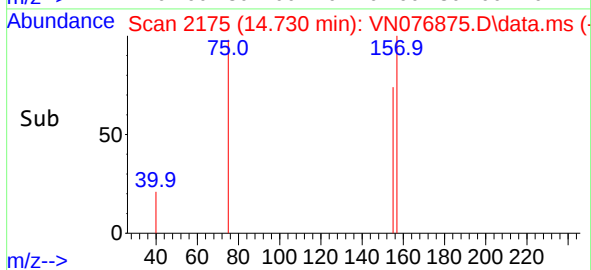
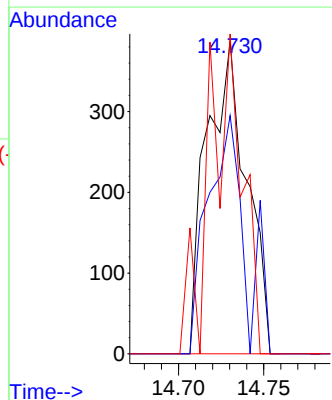
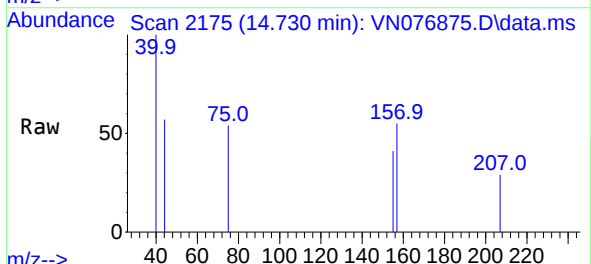
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

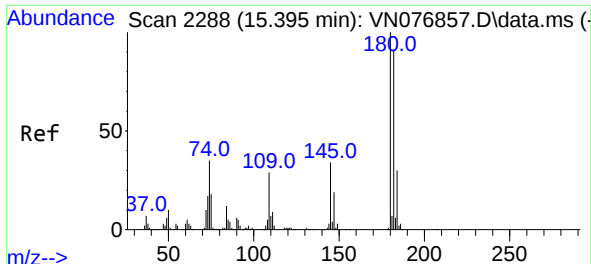
Tgt Ion:146 Resp: 5237  
Ion Ratio Lower Upper  
146 100  
111 40.6 21.4 64.2  
148 64.8 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.384 ug/l  
RT: 14.730 min Scan# 2175  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion: 75 Resp: 630  
Ion Ratio Lower Upper  
75 100  
155 70.6 44.3 132.8  
157 85.9 58.3 174.8

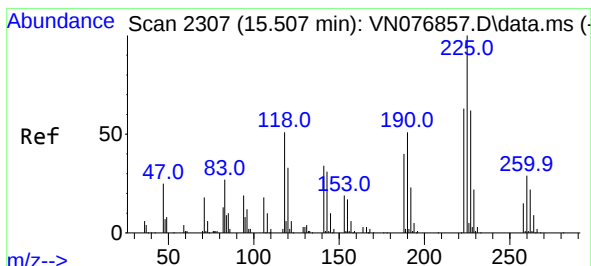
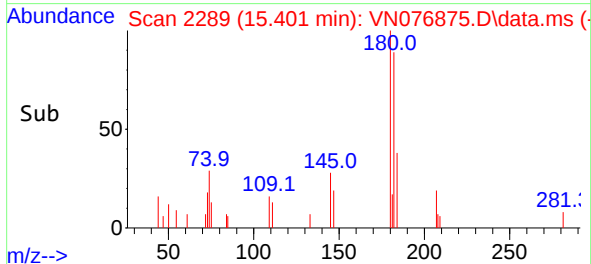
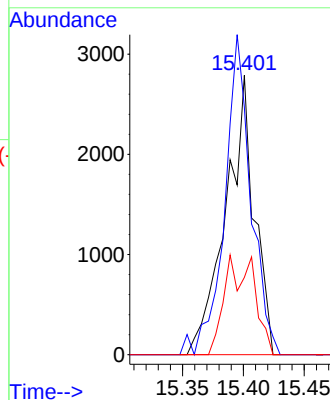
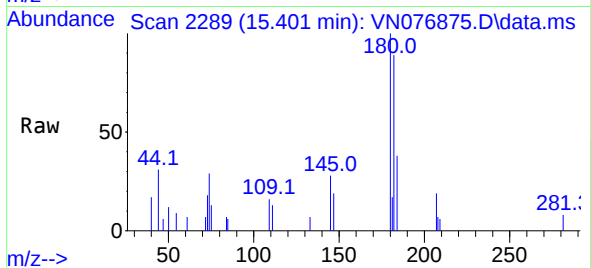




#93  
1,2,4-Trichlorobenzene  
Concen: 0.820 ug/l  
RT: 15.401 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

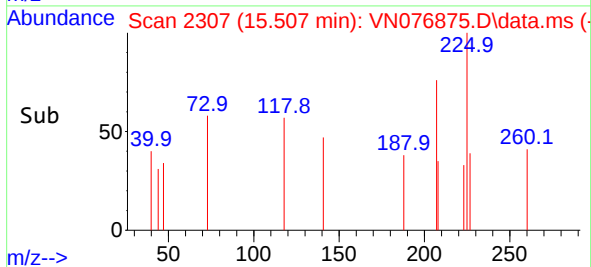
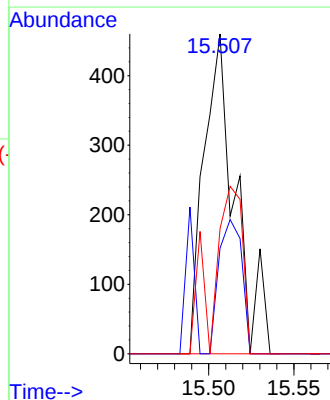
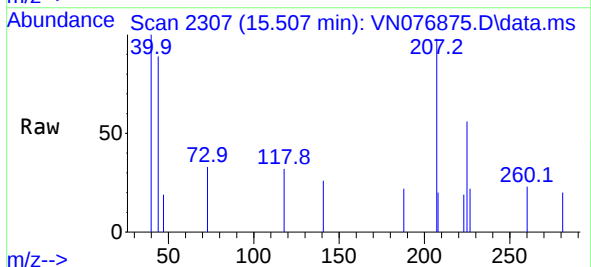
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

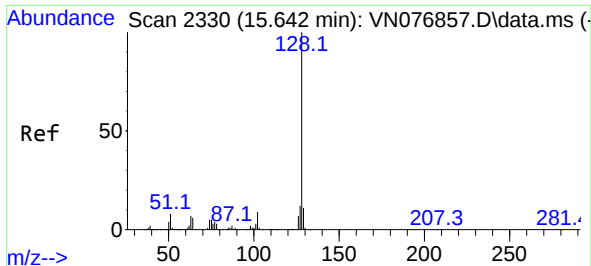
Tgt Ion:180 Resp: 4534  
Ion Ratio Lower Upper  
180 100  
182 106.0 47.4 142.2  
145 36.7 15.8 47.3



#94  
Hexachlorobutadiene  
Concen: 0.204 ug/l  
RT: 15.507 min Scan# 2307  
Delta R.T. -0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Tgt Ion:225 Resp: 587  
Ion Ratio Lower Upper  
225 100  
223 30.7 31.4 94.0#  
227 49.2 30.9 92.7

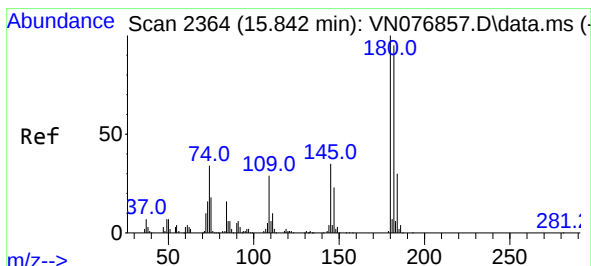
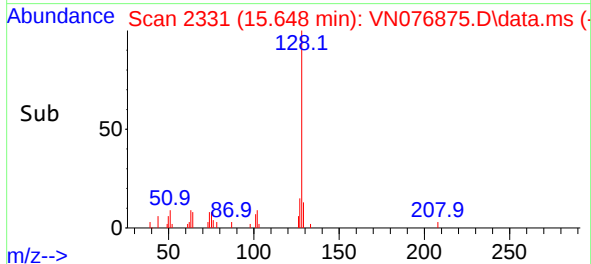
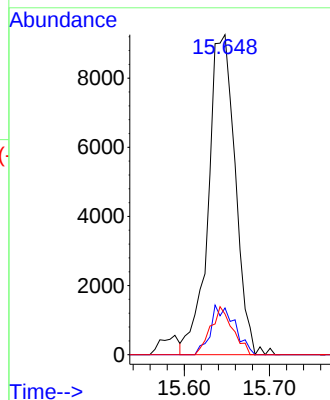
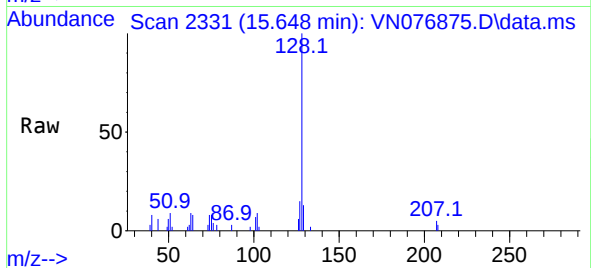




#95  
Naphthalene  
Concen: 1.148 ug/l  
RT: 15.648 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0308MBL01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 20321 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.8  | 10.2  | 15.4  |
| 129      | 12.2  | 8.9   | 13.3  |



#96  
1,2,3-Trichlorobenzene  
Concen: 1.058 ug/l  
RT: 15.842 min Scan# 2364  
Delta R.T. -0.000 min  
Lab File: VN076875.D  
Acq: 08 Mar 2023 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 5745  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 97.1  | 47.7  | 143.1 |
| 145      | 34.5  | 17.0  | 51.0  |

