

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110323\  
 Data File : VN079870.D  
 Acq On : 04 Nov 2023 02:22  
 Operator : JC\MD  
 Sample : 05223-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 40 Sample Multiplier: 1

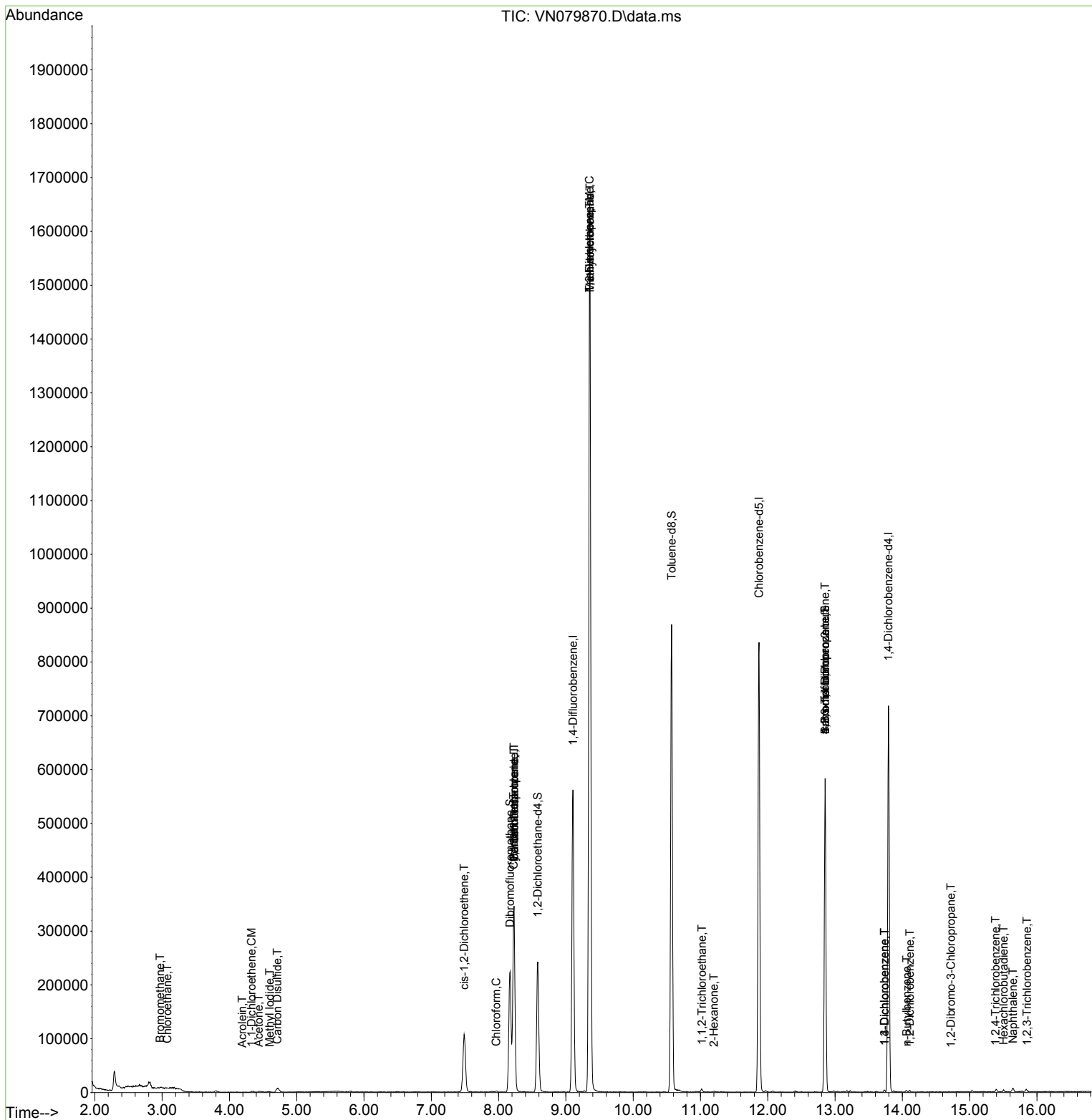
Instrument :  
 MSVOA\_N  
 ClientSampleId :

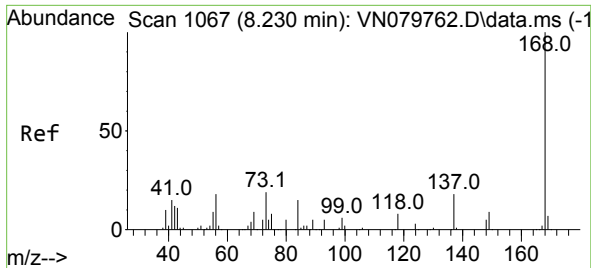
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc          | Units | Dev(Min) |
|-------------------------------|----------------|------|---------------------|---------------|-------|----------|
| -----                         |                |      |                     |               |       |          |
| Internal Standards            |                |      |                     |               |       |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 238883              | 50.000        | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 468775              | 50.000        | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 11.870         | 117  | 471017              | 50.000        | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 185607              | 50.000        | ug/l  | 0.00     |
|                               |                |      |                     |               |       |          |
| System Monitoring Compounds   |                |      |                     |               |       |          |
| 33) 1,2-Dichloroethane-d4     | 8.582          | 65   | 197742              | 54.333        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 108.660% |               |       |          |
| 35) Dibromofluoromethane      | 8.171          | 113  | 160237              | 48.296        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 96.600%  |               |       |          |
| 50) Toluene-d8                | 10.571         | 98   | 587076              | 48.066        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 96.140%  |               |       |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 186690              | 46.087        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 92.180%  |               |       |          |
|                               |                |      |                     |               |       |          |
| Target Compounds              |                |      |                     |               |       | Qvalue   |
| 3) Chloromethane              | 2.365          | 50   | 1405                | Below Cal     |       | 94       |
| 5) Bromomethane               | 2.971          | 94   | 770                 | 0.336 ug/l #  |       | 70       |
| 6) Chloroethane               | 3.077          | 64   | 965                 | 0.324 ug/l #  |       | 81       |
| 10) Methyl Iodide             | 4.600          | 142  | 2078                | 0.670 ug/l #  |       | 89       |
| 12) 1,1-Dichloroethene        | 4.330          | 96   | 989                 | 0.385 ug/l #  |       | 58       |
| 13) Acrolein                  | 4.189          | 56   | 62                  | 2.721 ug/l #  |       | 16       |
| 16) Acetone                   | 4.436          | 43   | 1508                | 1.180 ug/l    |       | 90       |
| 17) Carbon Disulfide          | 4.712          | 76   | 2277                | 0.307 ug/l #  |       | 75       |
| 27) cis-1,2-Dichloroethene    | 7.488          | 96   | 62883               | 18.331 ug/l   |       | 97       |
| 30) Chloroform                | 7.965          | 83   | 1723                | 0.286 ug/l    |       | 95       |
| 31) Cyclohexane               | 8.224          | 56   | 6675                | 1.388 ug/l #  |       | 39       |
| 36) 1,1-Dichloropropene       | 8.230          | 75   | 22941               | 4.843 ug/l #  |       | 45       |
| 38) Carbon Tetrachloride      | 8.230          | 117  | 26249               | 5.498 ug/l #  |       | 16       |
| 39) Methylcyclohexane         | 9.359          | 83   | 8229                | 1.846 ug/l #  |       | 1        |
| 44) Trichloroethene           | 9.353          | 130  | 571762              | 162.393 ug/l  |       | 100      |
| 45) 1,2-Dichloropropane       | 9.353          | 63   | 2294                | 0.633 ug/l #  |       | 1        |
| 55) 1,1,2-Trichloroethane     | 11.023         | 97   | 2037                | 0.602 ug/l #  |       | 79       |
| 59) 2-Hexanone                | 11.200         | 43   | 1390                | 0.424 ug/l #  |       | 52       |
| 71) Bromoform                 | 12.853         | 173  | 1277                | 0.489 ug/l #  |       | 1        |
| 76) 1,2,3-Trichloropropane    | 12.853         | 75   | 104345              | 23.946 ug/l # |       | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 104345              | 65.152 ug/l # |       | 15       |
| 87) 1,3-Dichlorobenzene       | 13.735         | 146  | 1360                | 0.212 ug/l    |       | 86       |
| 88) 1,4-Dichlorobenzene       | 13.735         | 146  | 1360                | 0.209 ug/l    |       | 85       |
| 89) n-Butylbenzene            | 14.064         | 91   | 2247                | 0.257 ug/l    |       | 86       |
| 91) 1,2-Dichlorobenzene       | 14.112         | 146  | 1386                | 0.229 ug/l    |       | 92       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723         | 75   | 205                 | 0.242 ug/l #  |       | 4        |
| 93) 1,2,4-Trichlorobenzene    | 15.388         | 180  | 1548                | 0.538 ug/l    |       | 84       |
| 94) Hexachlorobutadiene       | 15.506         | 225  | 928                 | 0.711 ug/l    |       | 70       |
| 95) Naphthalene               | 15.647         | 128  | 7109                | 0.728 ug/l    |       | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.853         | 180  | 1850                | 0.655 ug/l    |       | 87       |
| -----                         |                |      |                     |               |       |          |

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

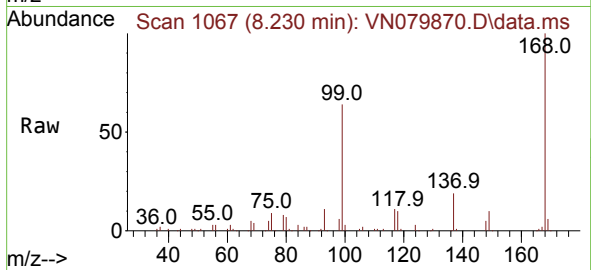
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 02 05:49:08 2023  
Response via : Initial Calibration



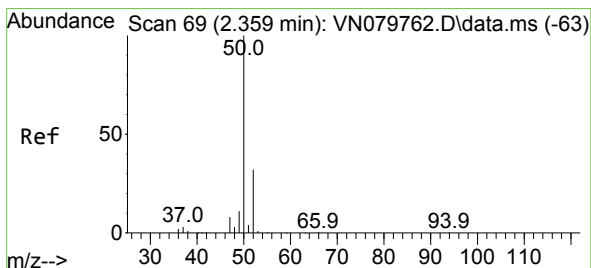
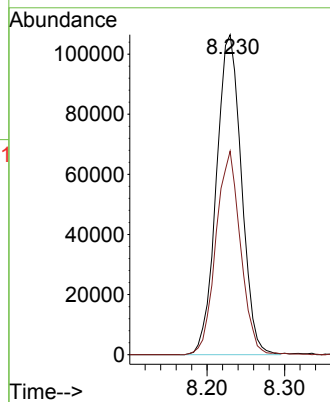
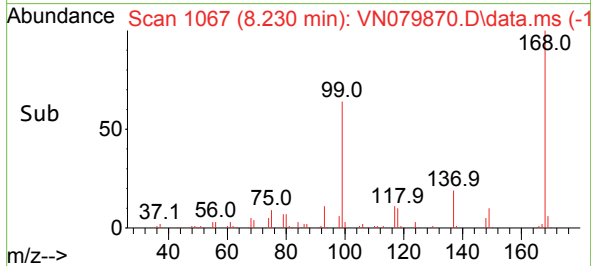


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. 0.001 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

Instrument :  
MSVOA\_N  
ClientSampleId :

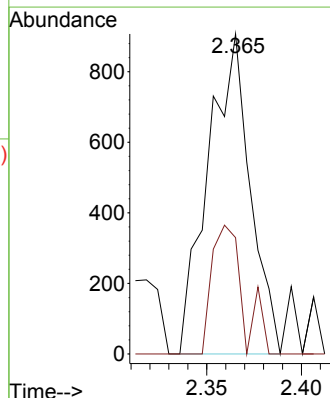
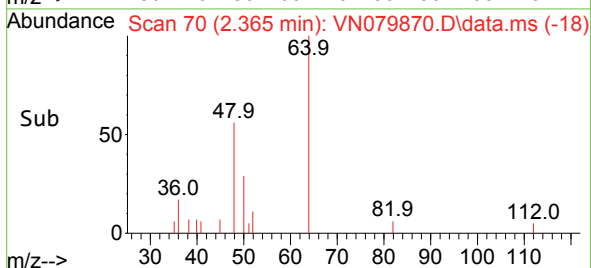
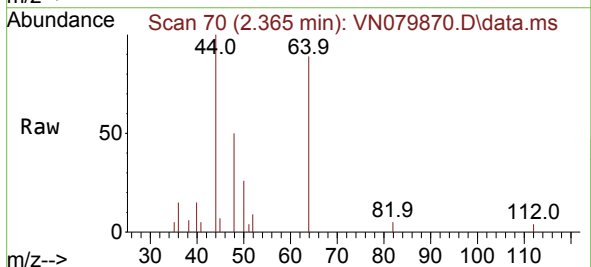


Tgt Ion:168 Resp: 238883  
Ion Ratio Lower Upper  
168 100  
99 63.6 53.0 79.6



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

Tgt Ion: 50 Resp: 1405  
Ion Ratio Lower Upper  
50 100  
52 36.4 26.5 39.7

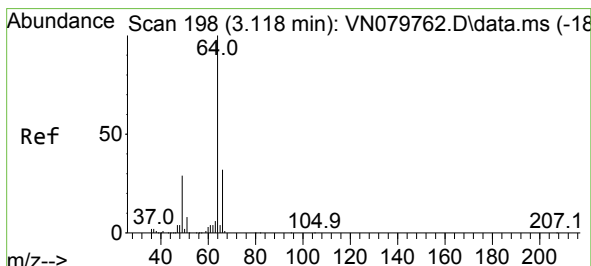
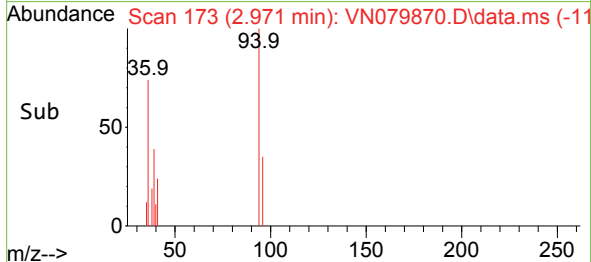
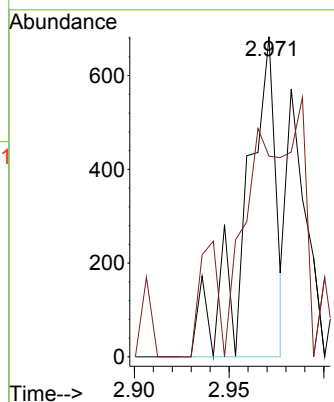
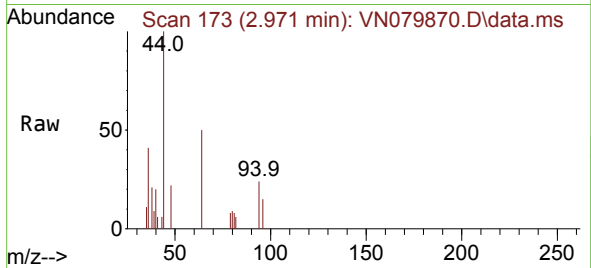




#5  
Bromomethane  
Concen: 0.336 ug/l  
RT: 2.971 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

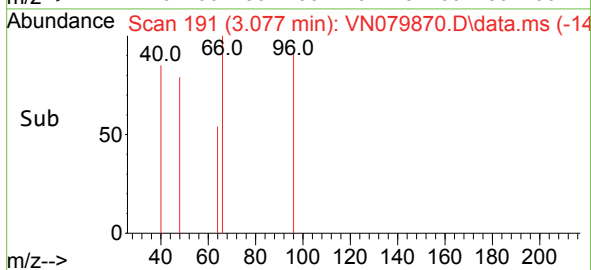
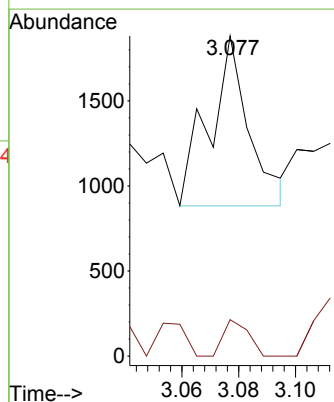
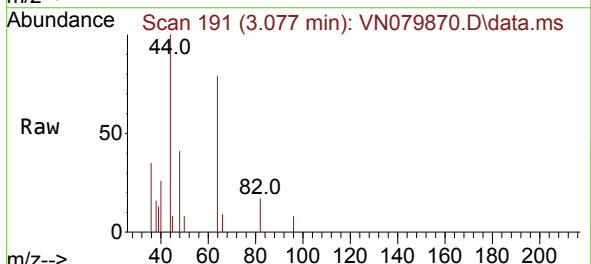
Instrument :  
MSVOA\_N  
ClientSampleId :

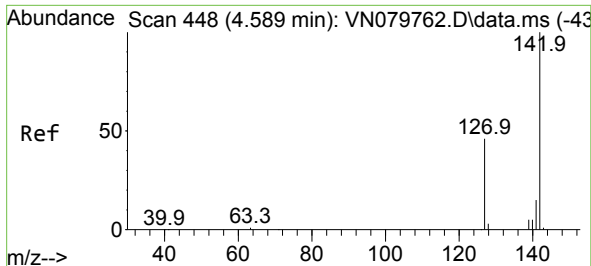
Tgt Ion: 94 Resp: 770  
Ion Ratio Lower Upper  
94 100  
96 62.7 73.1 109.7#



#6  
Chloroethane  
Concen: 0.324 ug/l  
RT: 3.077 min Scan# 191  
Delta R.T. -0.041 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

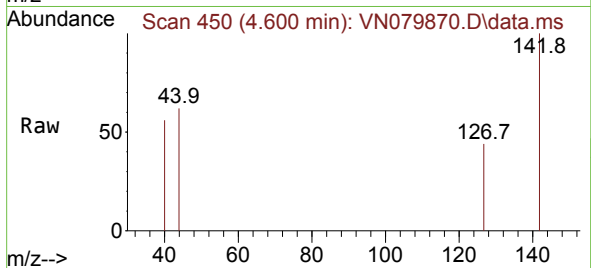
Tgt Ion: 64 Resp: 965  
Ion Ratio Lower Upper  
64 100  
66 21.4 25.4 38.2#



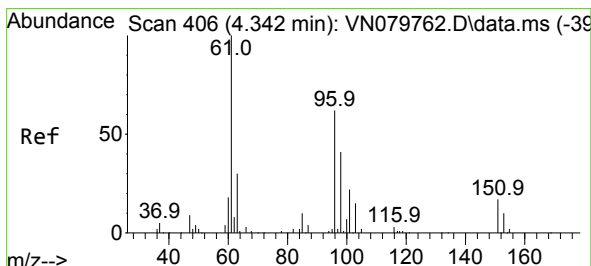
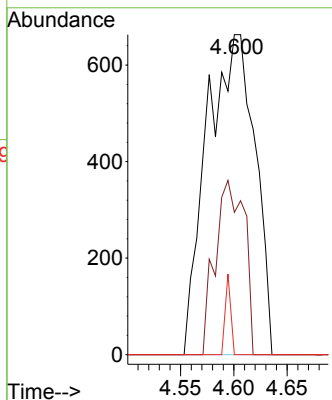
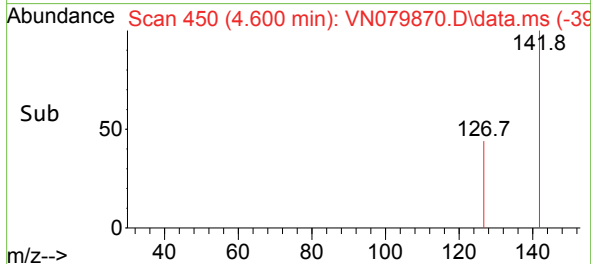


#10  
Methyl Iodide  
Concen: 0.670 ug/l  
RT: 4.600 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

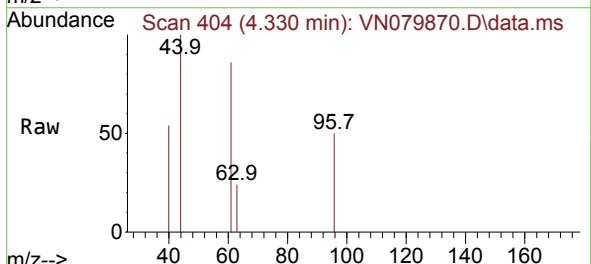
Instrument :  
MSVOA\_N  
ClientSampleId :



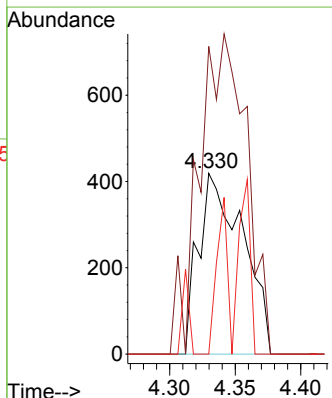
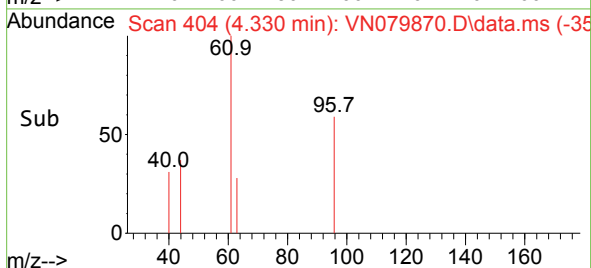
Tgt Ion:142 Resp: 2078  
Ion Ratio Lower Upper  
142 100  
127 44.5 37.6 56.4  
141 0.0 11.4 17.0#

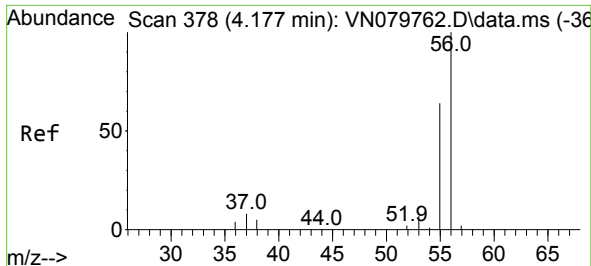


#12  
1,1-Dichloroethene  
Concen: 0.385 ug/l  
RT: 4.330 min Scan# 404  
Delta R.T. -0.018 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22



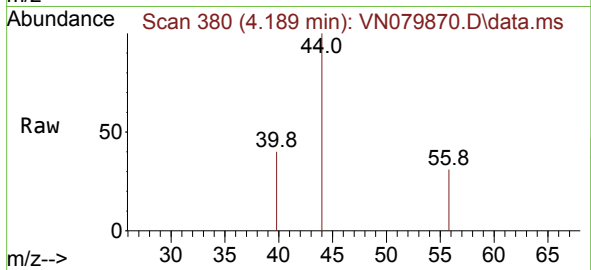
Tgt Ion: 96 Resp: 989  
Ion Ratio Lower Upper  
96 100  
61 170.2 112.7 169.1#  
98 0.0 51.2 76.8#



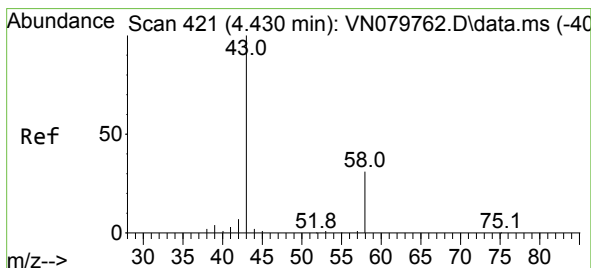
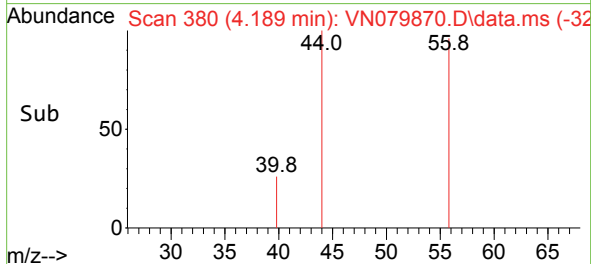
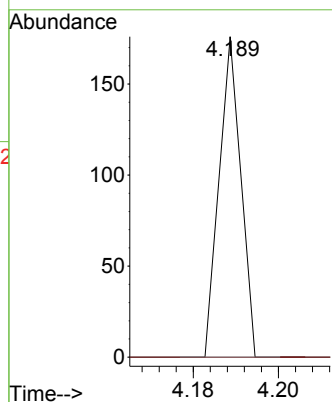


#13  
Acrolein  
Concen: 2.721 ug/l  
RT: 4.189 min Scan# 378  
Delta R.T. 0.006 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

Instrument :  
MSVOA\_N  
ClientSampleId :

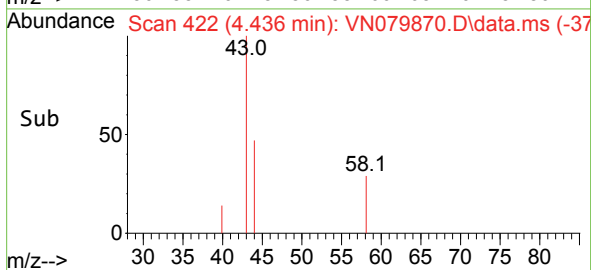
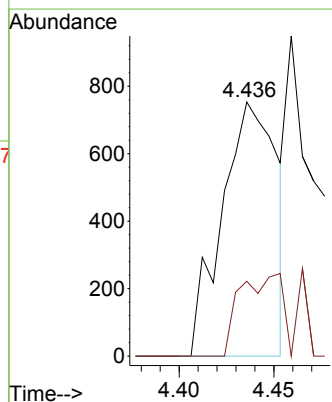
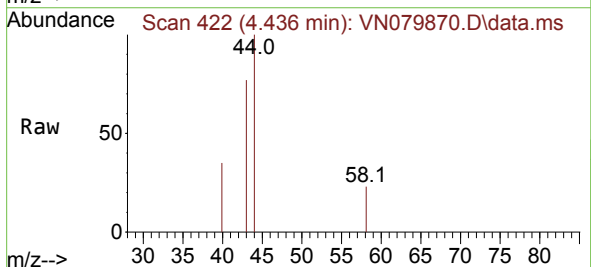


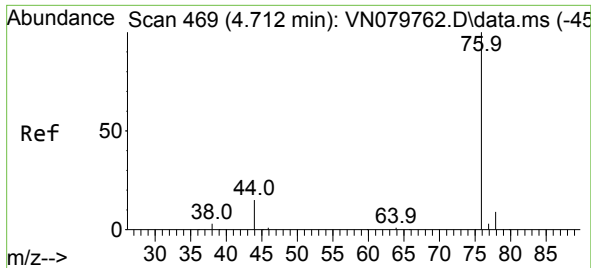
Tgt Ion: 56 Resp: 62  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.5 81.7#



#16  
Acetone  
Concen: 1.180 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

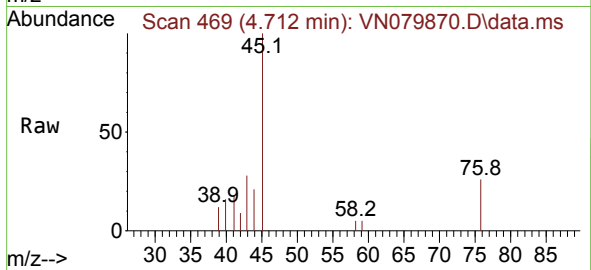
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Ion Ratio Lower Upper  
43 100  
58 29.5 28.0 42.0



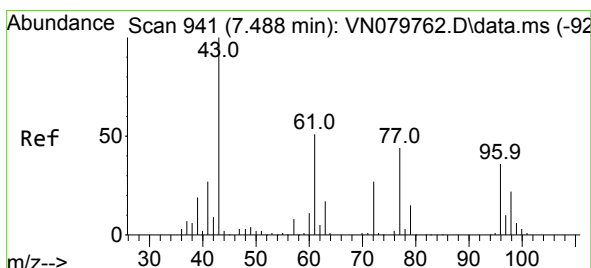
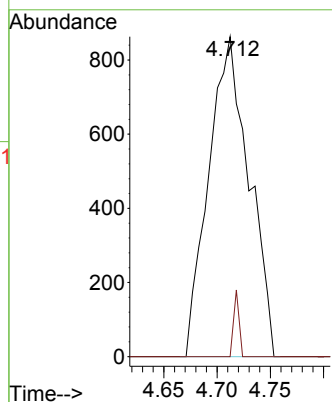
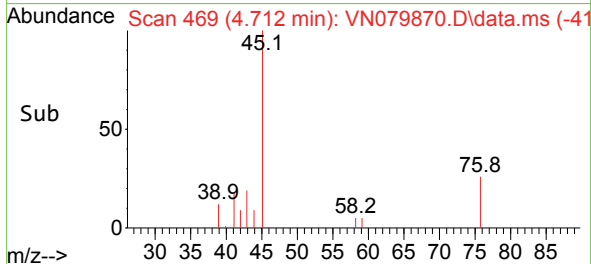


#17  
Carbon Disulfide  
Concen: 0.307 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

Instrument :  
MSVOA\_N  
ClientSampleId :

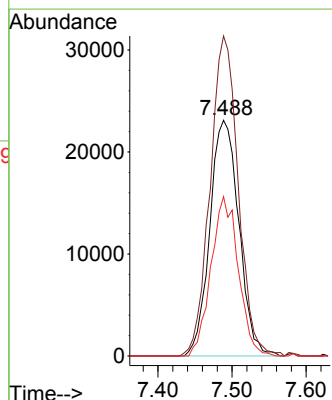
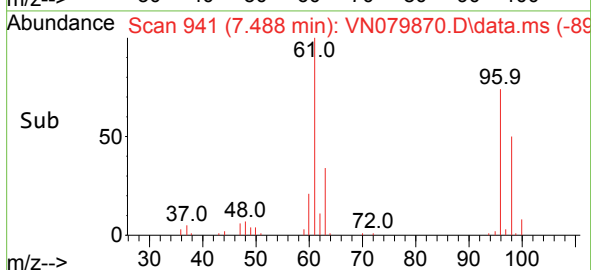
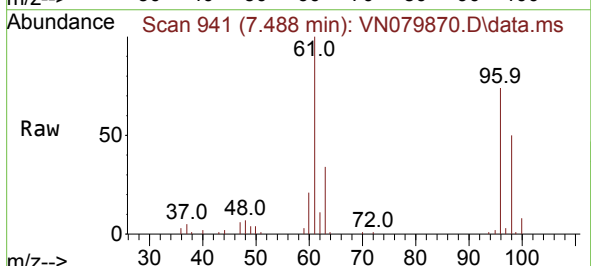


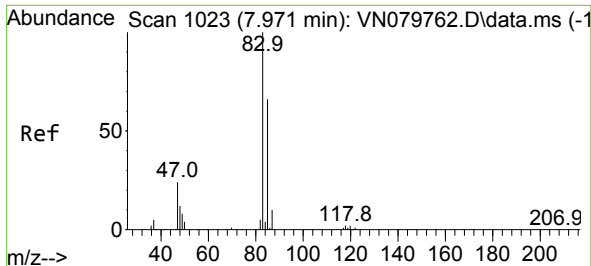
Tgt Ion: 76 Resp: 2277  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#



#27  
cis-1,2-Dichloroethene  
Concen: 18.331 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

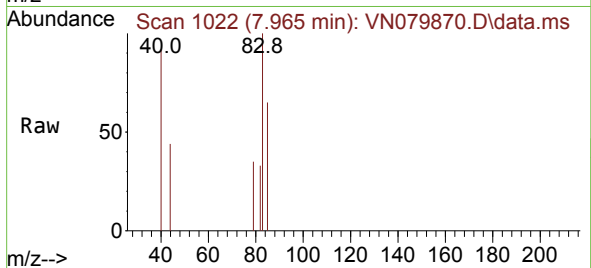
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Ion Ratio Lower Upper  
96 100  
61 131.5 0.0 255.2  
98 63.6 0.0 128.8



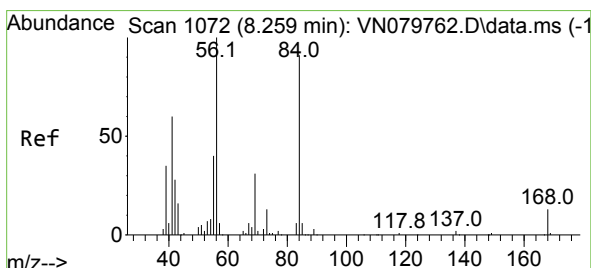
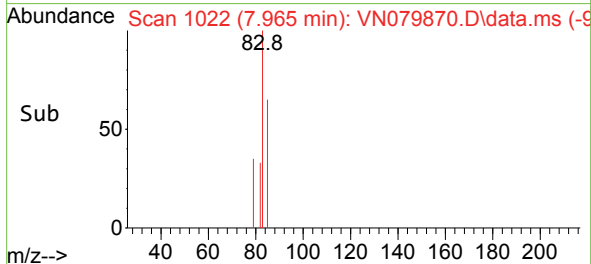
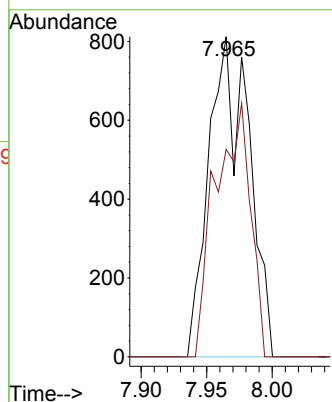


#30  
Chloroform  
Concen: 0.286 ug/l  
RT: 7.965 min Scan# 1066  
Delta R.T. -0.006 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

Instrument :  
MSVOA\_N  
ClientSampleId :

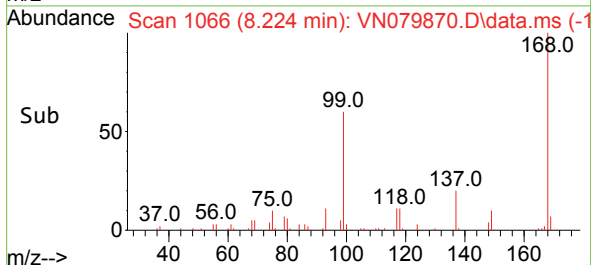
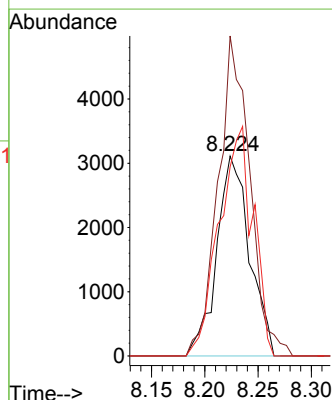
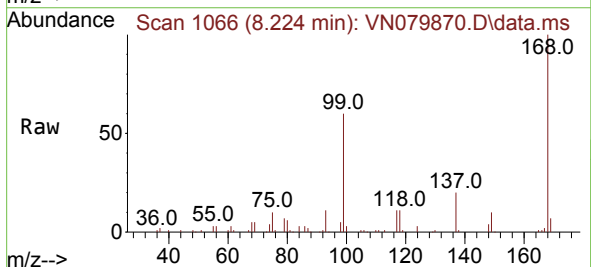


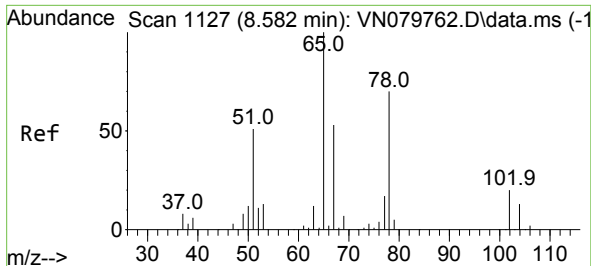
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Ion Ratio Lower Upper  
83 100  
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#31  
Cyclohexane  
Concen: 1.388 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.035 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

Tgt Ion: 56 Resp: 6675  
Ion Ratio Lower Upper  
56 100  
69 160.1 26.8 40.2#  
84 94.6 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 54.333 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079870.D

Acq: 04 Nov 2023 02:22

Instrument :

MSVOA\_N

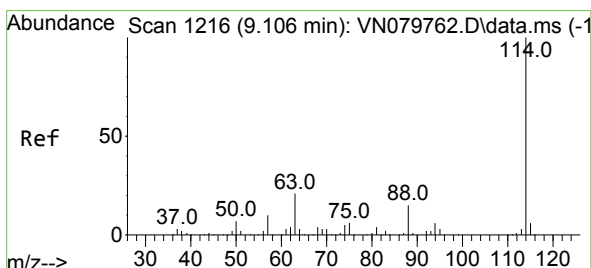
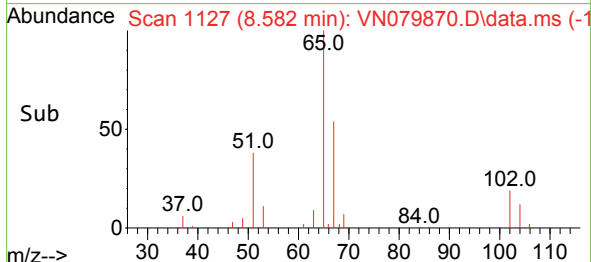
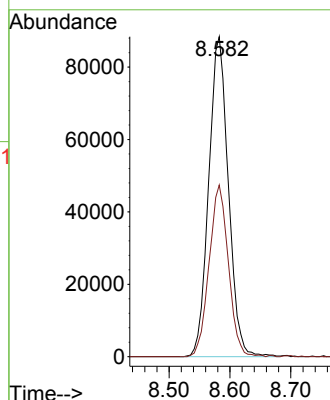
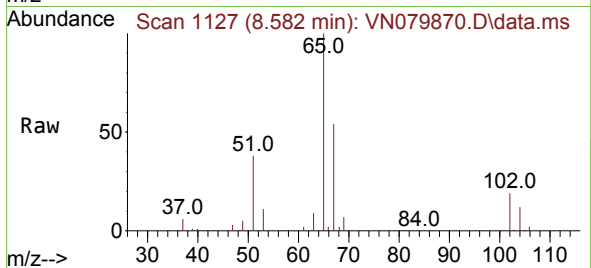
ClientSampleId :

Tgt Ion: 65 Resp: 197742

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079870.D

Acq: 04 Nov 2023 02:22

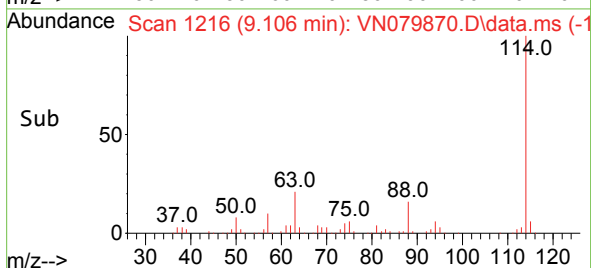
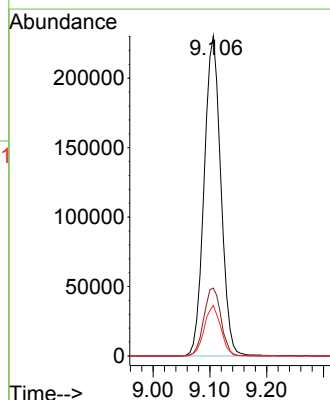
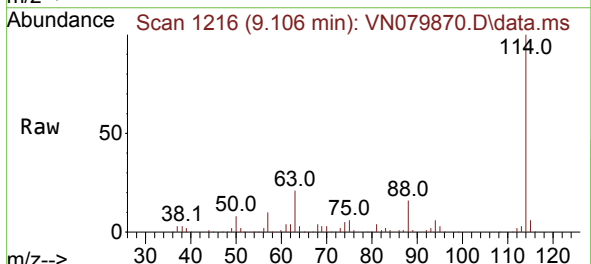
Tgt Ion: 114 Resp: 468775

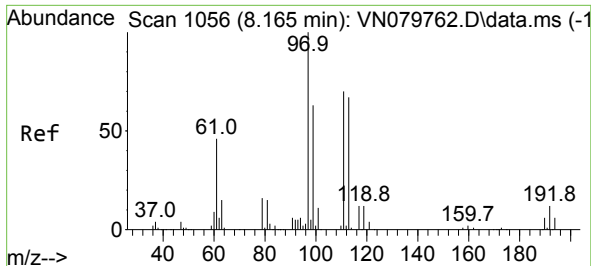
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.296 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079870.D

Acq: 04 Nov 2023 02:22

Instrument :

MSVOA\_N

ClientSampleId :

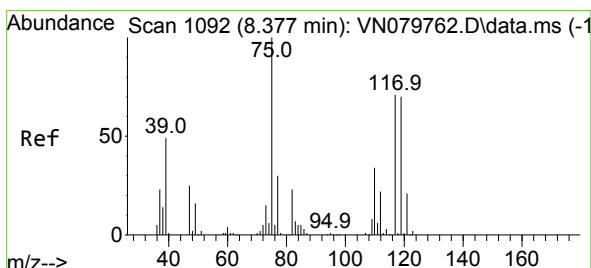
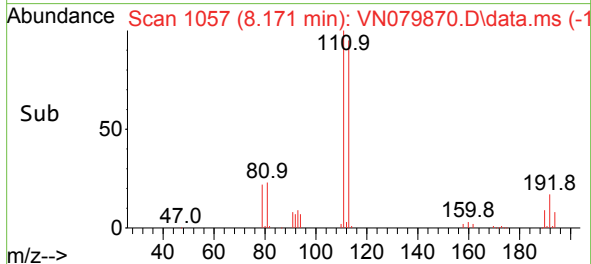
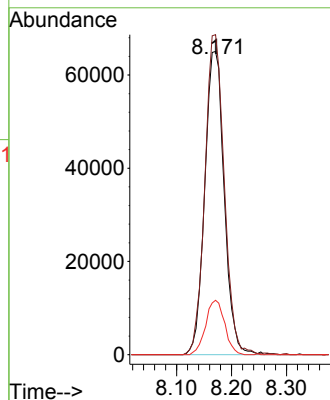
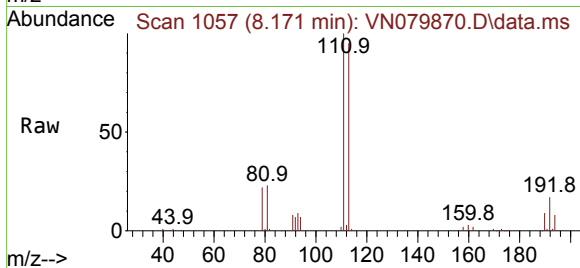
Tgt Ion:113 Resp: 160237

Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 17.6 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079870.D

Acq: 04 Nov 2023 02:22

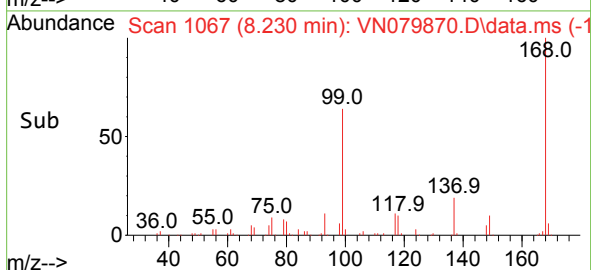
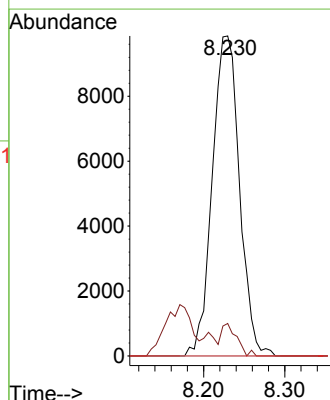
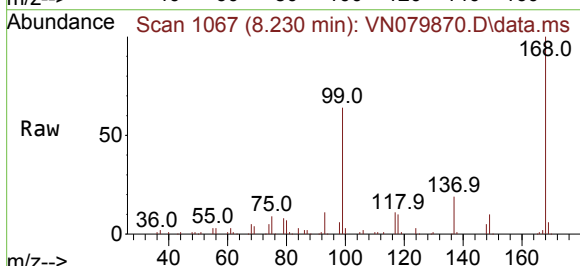
Tgt Ion: 75 Resp: 22941

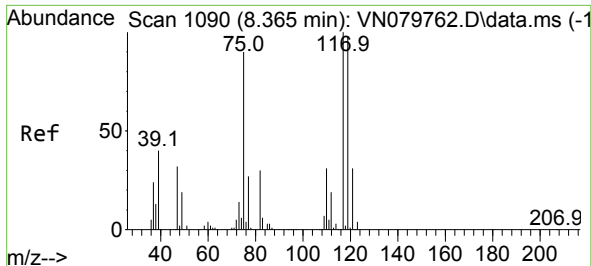
Ion Ratio Lower Upper

75 100

110 5.7 19.1 57.3#

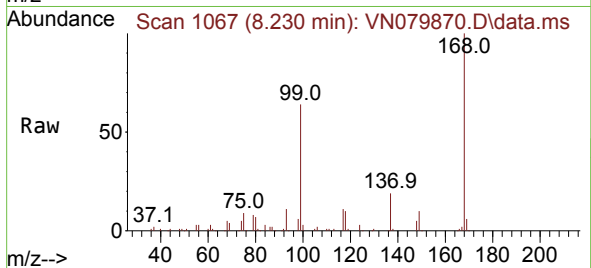
77 0.0 25.0 37.4#



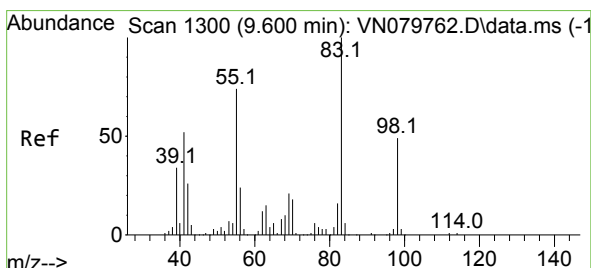
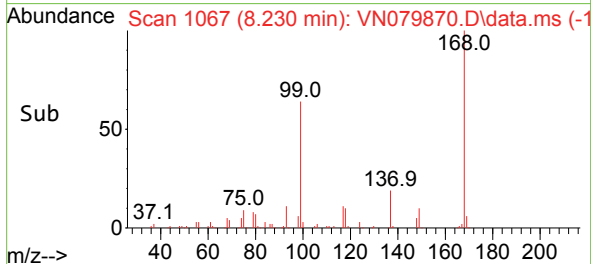
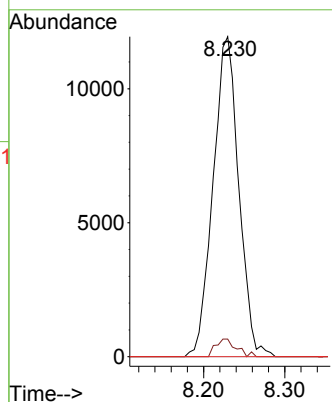


#38  
Carbon Tetrachloride  
Concen: 5.498 ug/l  
RT: 8.230 min Scan# 117  
Delta R.T. -0.129 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

Instrument :  
MSVOA\_N  
ClientSampleId :

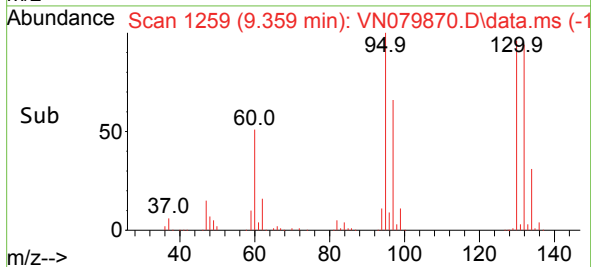
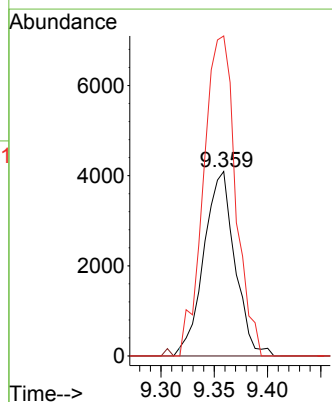
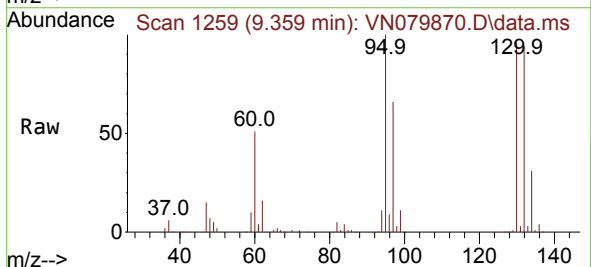


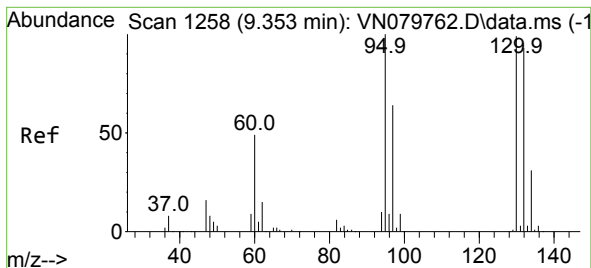
Tgt Ion:117 Resp: 26249  
Ion Ratio Lower Upper  
117 100  
119 5.5 77.3 115.9#  
121 0.0 23.3 34.9#



#39  
Methylcyclohexane  
Concen: 1.846 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.247 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

Tgt Ion: 83 Resp: 8229  
Ion Ratio Lower Upper  
83 100  
55 0.0 49.1 73.7#  
98 173.4 40.6 61.0#





#44

Trichloroethene

Concen: 162.393 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079870.D

Acq: 04 Nov 2023 02:22

Instrument :

MSVOA\_N

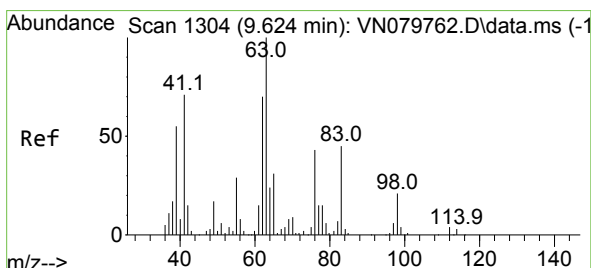
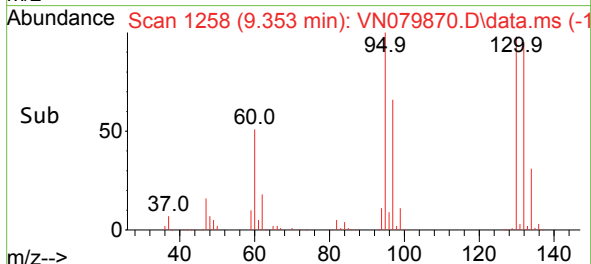
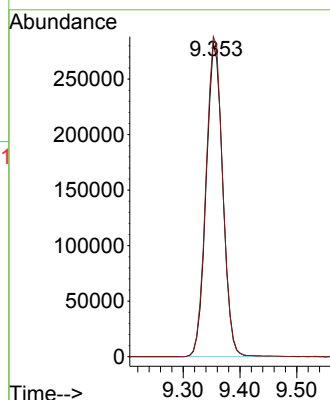
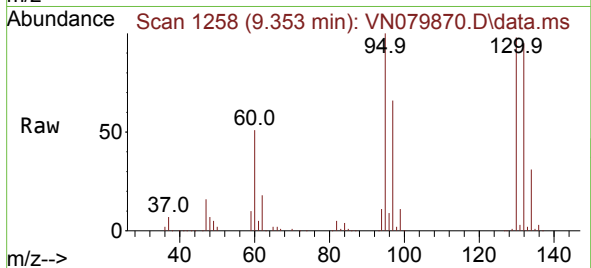
ClientSampleId :

Tgt Ion:130 Resp: 571762

Ion Ratio Lower Upper

130 100

95 102.2 0.0 204.6



#45

1,2-Dichloropropane

Concen: 0.633 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.271 min

Lab File: VN079870.D

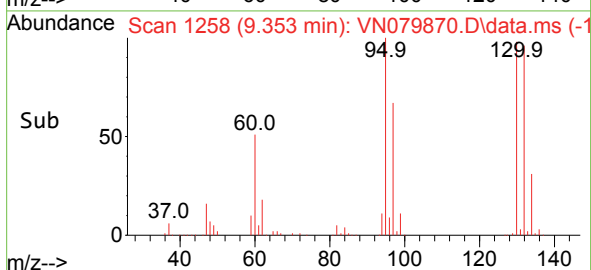
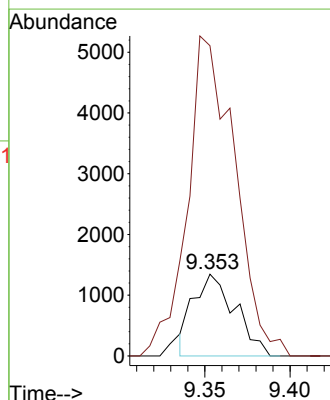
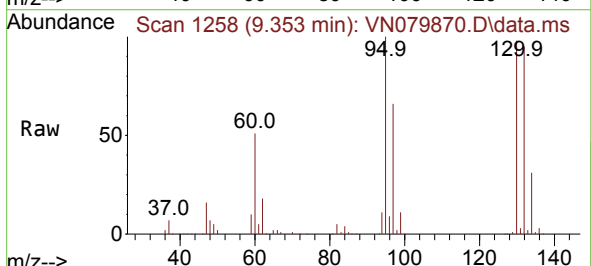
Acq: 04 Nov 2023 02:22

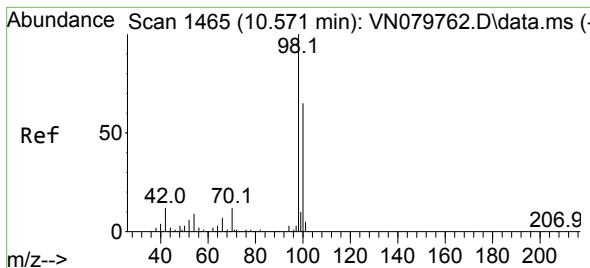
Tgt Ion: 63 Resp: 2294

Ion Ratio Lower Upper

63 100

65 359.1 23.9 35.9#





#50

Toluene-d8

Concen: 48.066 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

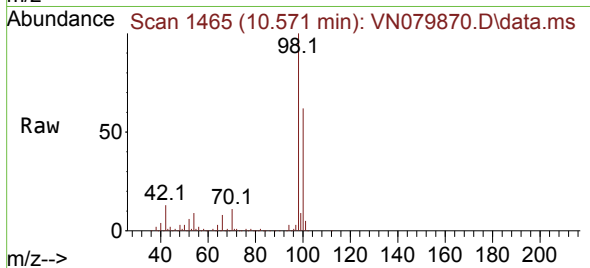
Lab File: VN079870.D

Acq: 04 Nov 2023 02:22

Instrument :

MSVOA\_N

ClientSampleId :

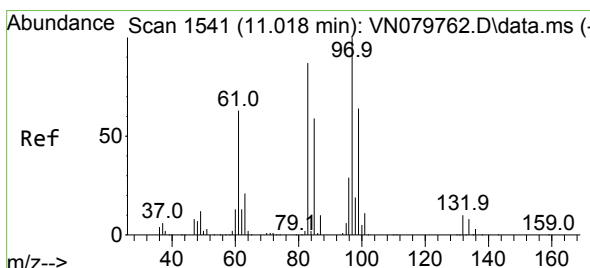
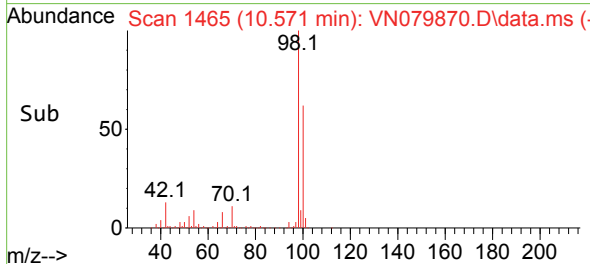
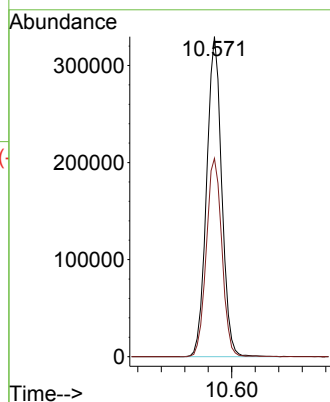


Tgt Ion: 98 Resp: 587076

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#55

1,1,2-Trichloroethane

Concen: 0.602 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN079870.D

Acq: 04 Nov 2023 02:22

Tgt Ion: 97 Resp: 2037

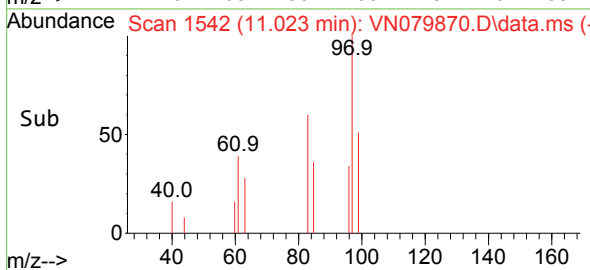
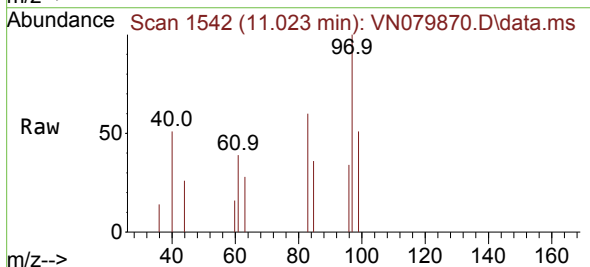
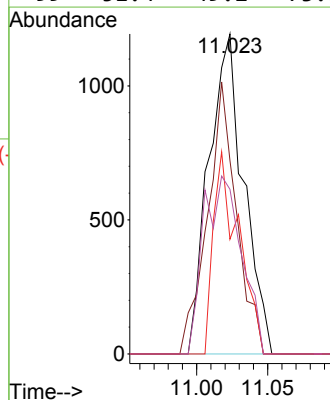
Ion Ratio Lower Upper

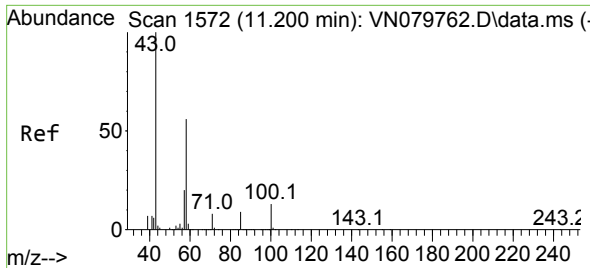
97 100

83 60.5 65.1 97.7#

85 35.8 43.4 65.2#

99 51.4 49.2 73.8

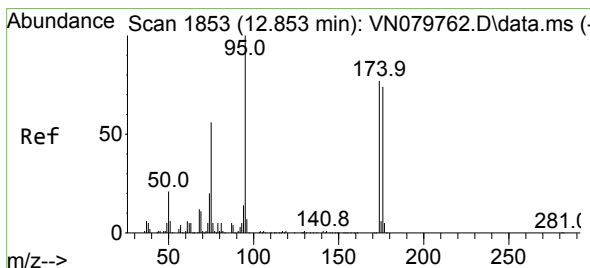
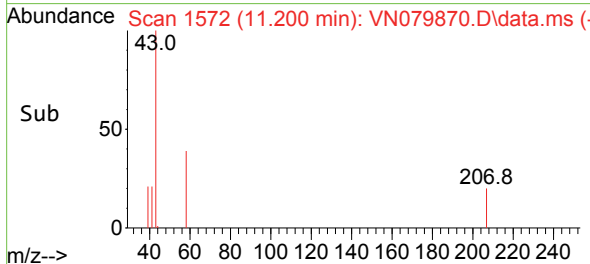
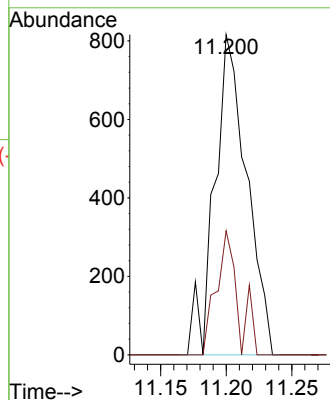
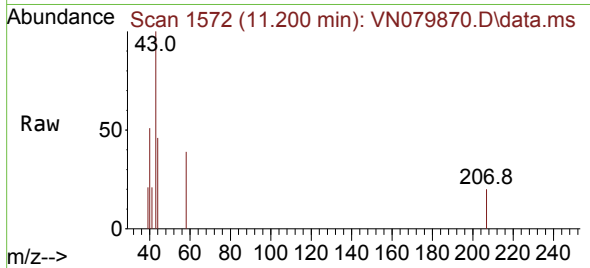




#59  
2-Hexanone  
Concen: 0.424 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

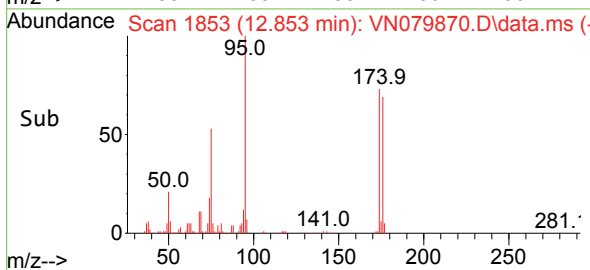
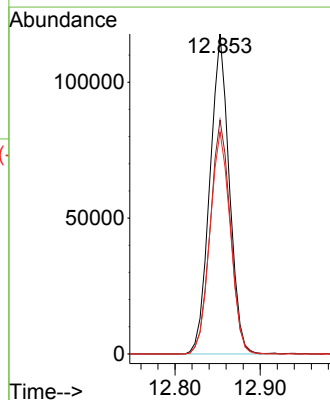
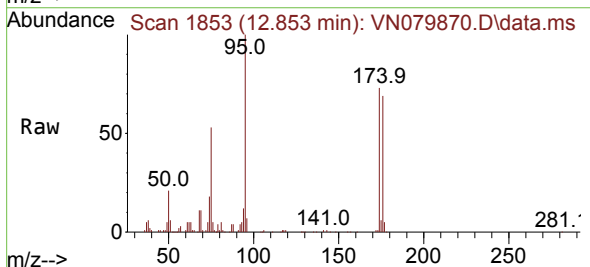
Instrument :  
MSVOA\_N  
ClientSampleId :

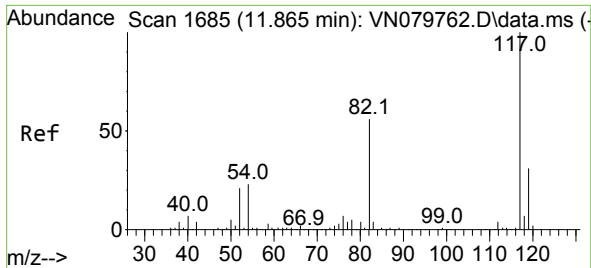
Tgt Ion: 43 Resp: 1390  
Ion Ratio Lower Upper  
43 100  
58 26.3 31.7 95.1#



#62  
4-Bromofluorobenzene  
Concen: 46.087 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

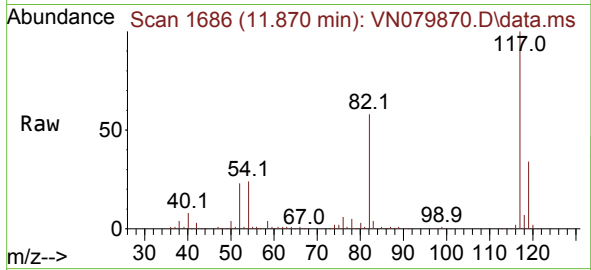
Tgt Ion: 95 Resp: 186690  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 143.8  
176 72.6 0.0 135.8



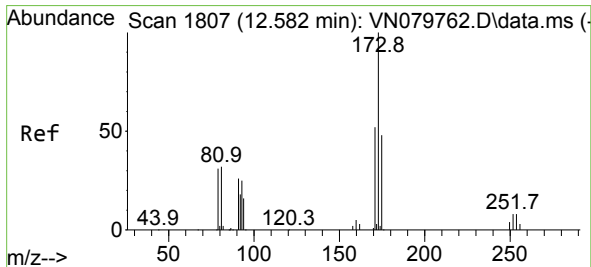
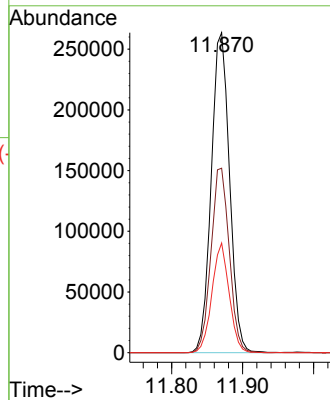
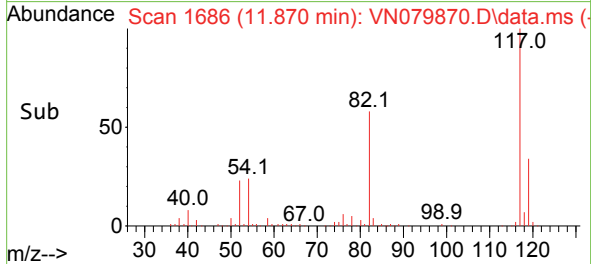


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

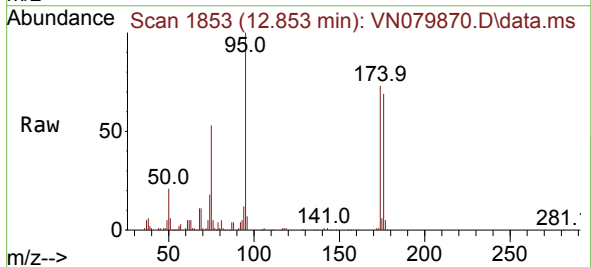
Instrument :  
MSVOA\_N  
ClientSampleId :



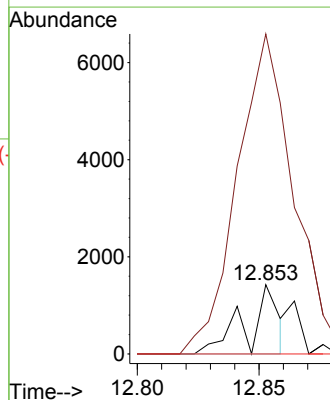
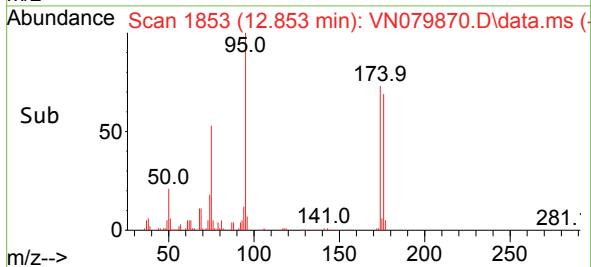
Tgt Ion:117 Resp: 471017  
Ion Ratio Lower Upper  
117 100  
82 57.6 44.0 66.0  
119 34.2 25.6 38.4

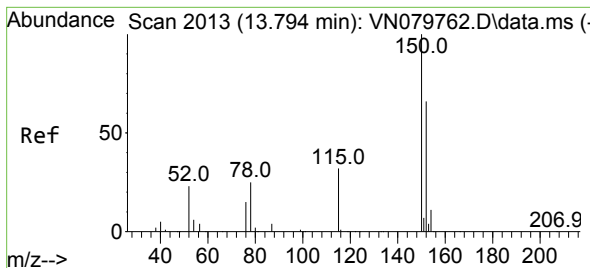


#71  
Bromoform  
Concen: 0.489 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.271 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22



Tgt Ion:173 Resp: 1277  
Ion Ratio Lower Upper  
173 100  
175 649.9 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# 20

Delta R.T. 0.000 min

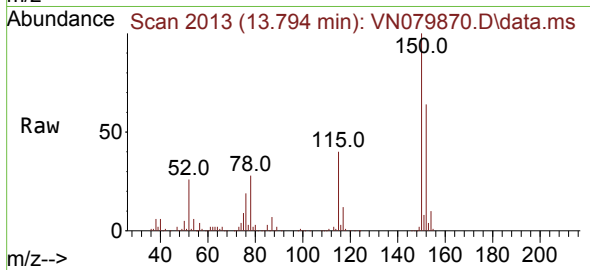
Lab File: VN079870.D

Acq: 04 Nov 2023 02:22

Instrument :

MSVOA\_N

ClientSampleId :



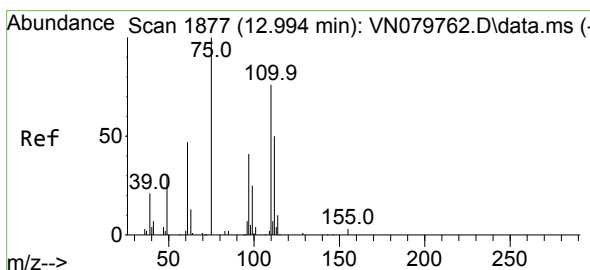
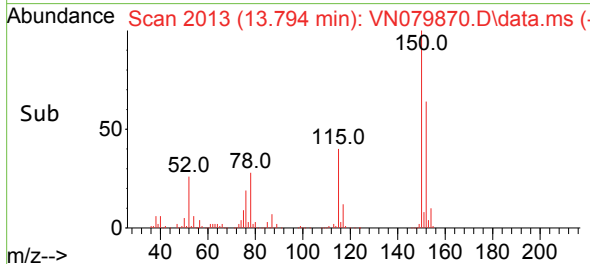
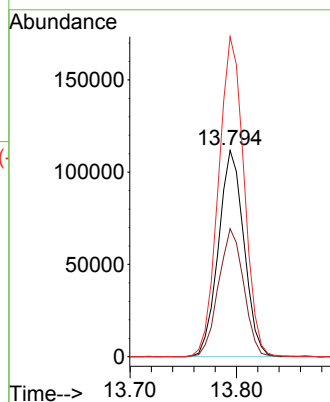
Tgt Ion:152 Resp: 185607

Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 155.5 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 23.946 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079870.D

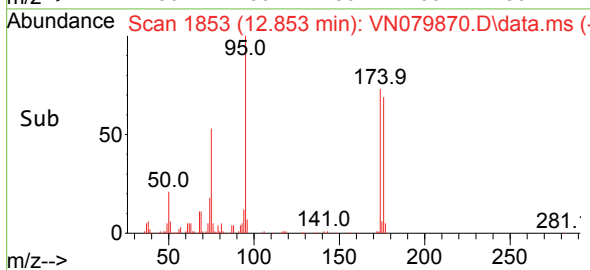
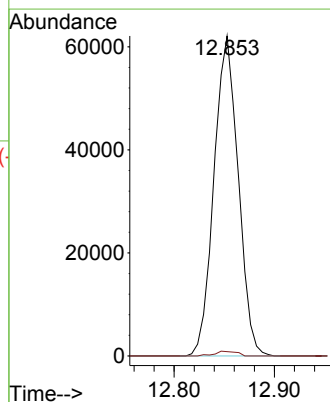
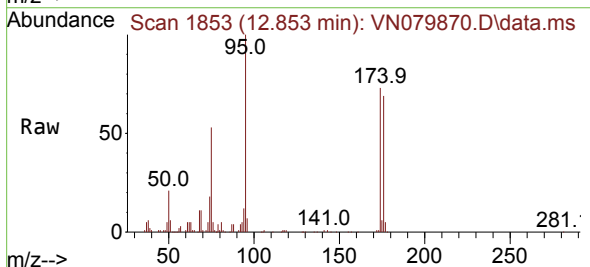
Acq: 04 Nov 2023 02:22

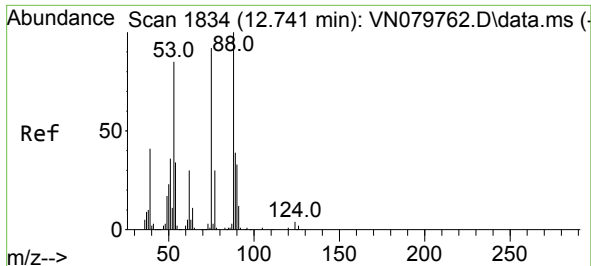
Tgt Ion: 75 Resp: 104345

Ion Ratio Lower Upper

75 100

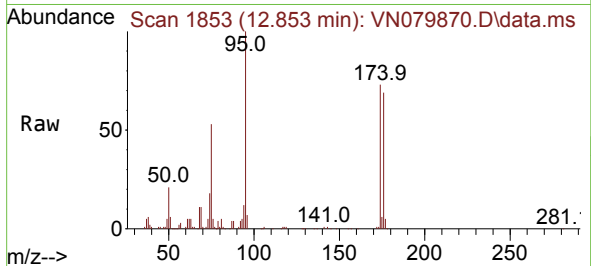
77 1.3 84.5 253.5#



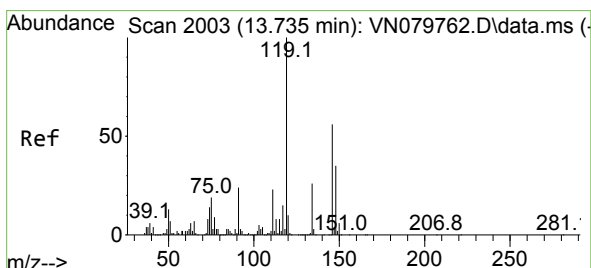
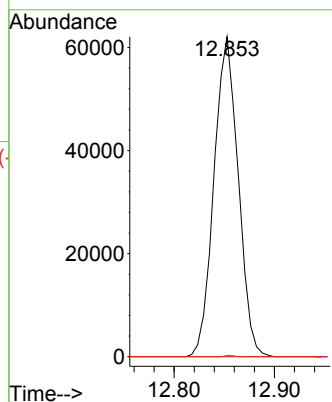
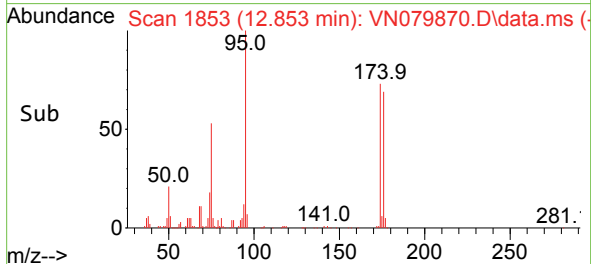


#81  
trans-1,4-Dichloro-2-butene  
Concen: 65.152 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.118 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

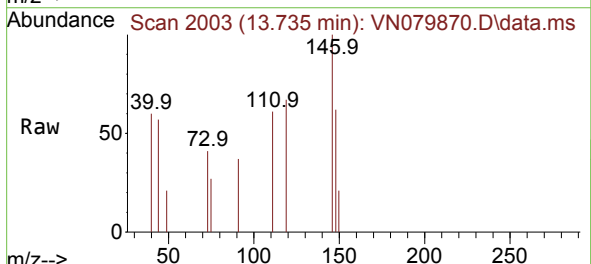
Instrument :  
MSVOA\_N  
ClientSampleId :



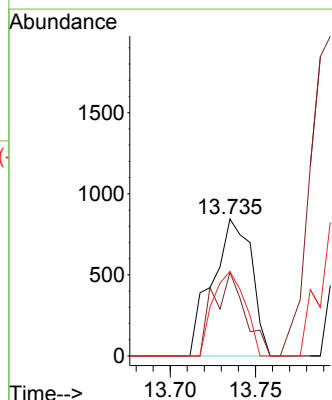
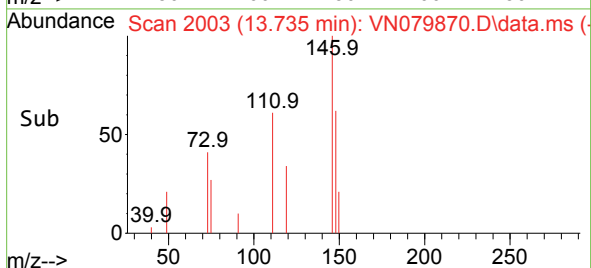
Tgt Ion: 75 Resp: 104345  
Ion Ratio Lower Upper  
75 100  
53 0.1 67.4 101.2#  
89 0.0 38.8 58.2#

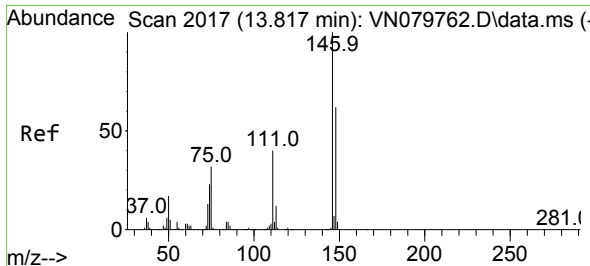


#87  
1,3-Dichlorobenzene  
Concen: 0.212 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22



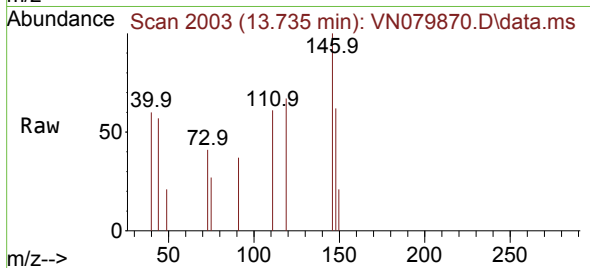
Tgt Ion:146 Resp: 1360  
Ion Ratio Lower Upper  
146 100  
111 49.0 22.1 66.3  
148 50.1 32.0 96.0



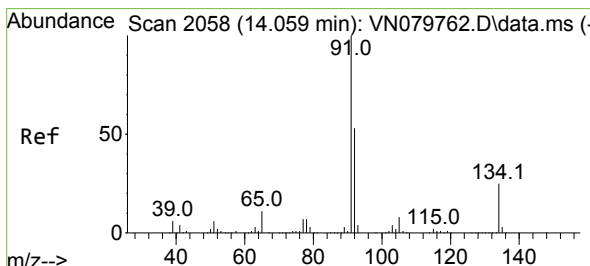
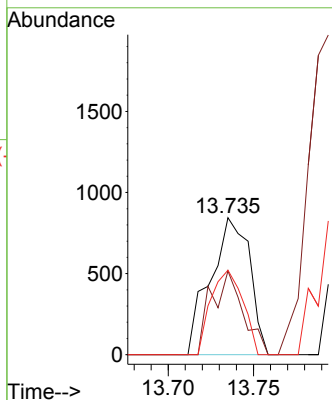
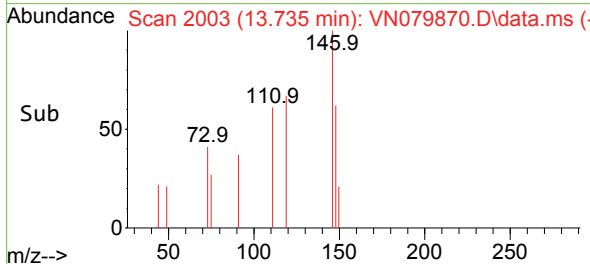


#88  
 1,4-Dichlorobenzene  
 Concen: 0.209 ug/l  
 RT: 13.735 min Scan# 2017  
 Delta R.T. -0.082 min  
 Lab File: VN079870.D  
 Acq: 04 Nov 2023 02:22

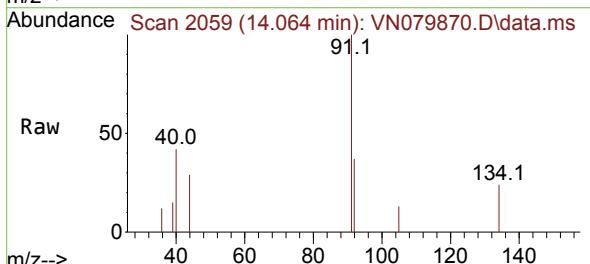
Instrument :  
 MSVOA\_N  
 ClientSampleId :



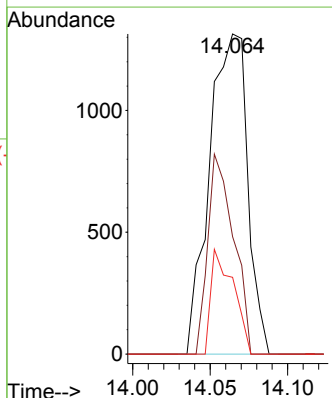
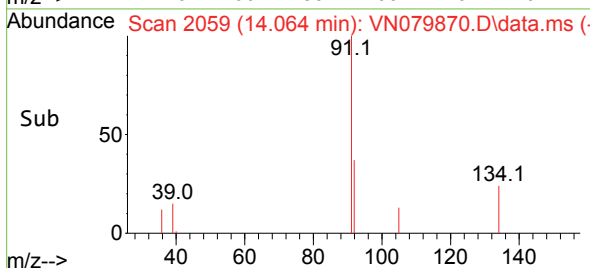
Tgt Ion:146 Resp: 1360  
 Ion Ratio Lower Upper  
 146 100  
 111 49.0 20.6 61.8  
 148 50.1 31.6 94.8

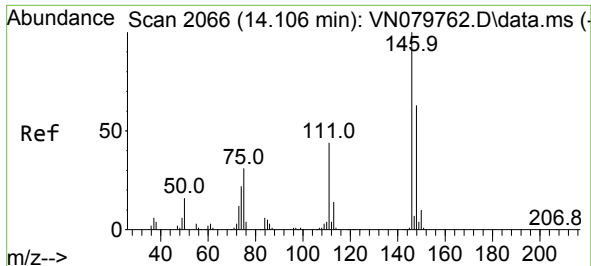


#89  
 n-Butylbenzene  
 Concen: 0.257 ug/l  
 RT: 14.064 min Scan# 2059  
 Delta R.T. 0.006 min  
 Lab File: VN079870.D  
 Acq: 04 Nov 2023 02:22



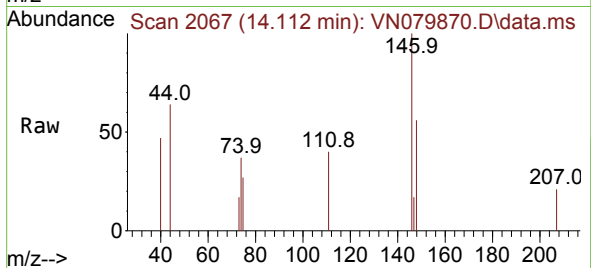
Tgt Ion: 91 Resp: 2247  
 Ion Ratio Lower Upper  
 91 100  
 92 42.4 26.4 79.0  
 134 19.4 12.6 37.6



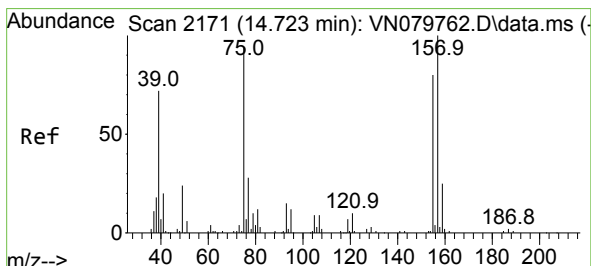
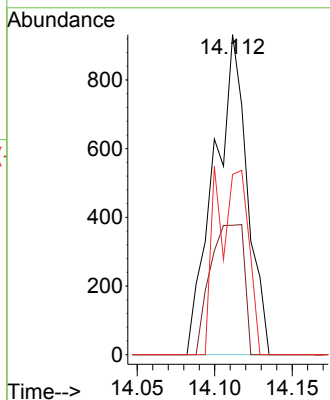
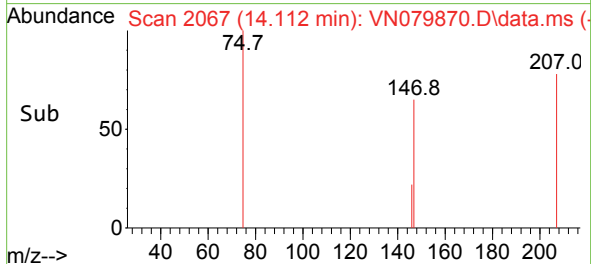


#91  
1,2-Dichlorobenzene  
Concen: 0.229 ug/l  
RT: 14.112 min Scan# 2067  
Delta R.T. 0.006 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

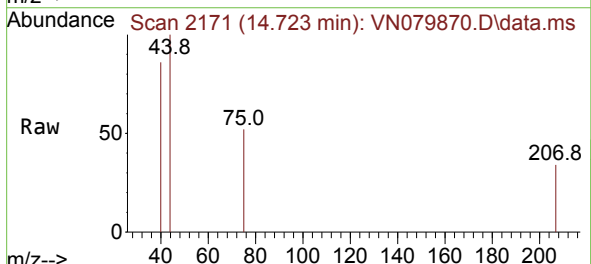
Instrument :  
MSVOA\_N  
ClientSampleId :



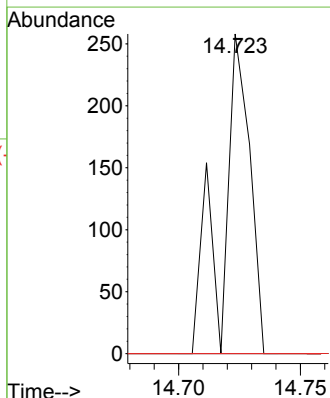
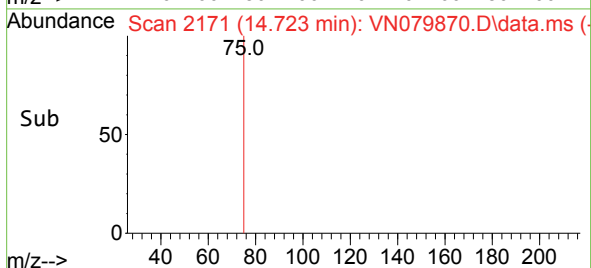
Tgt Ion:146 Resp: 1386  
Ion Ratio Lower Upper  
146 100  
111 41.3 22.0 66.0  
148 55.3 31.8 95.3

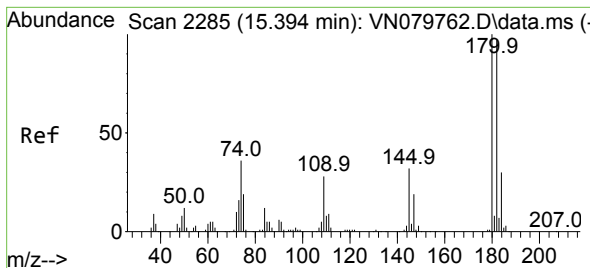


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.242 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22



Tgt Ion: 75 Resp: 205  
Ion Ratio Lower Upper  
75 100  
155 0.0 39.1 117.2#  
157 0.0 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.538 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079870.D

Acq: 04 Nov 2023 02:22

Instrument :

MSVOA\_N

ClientSampleId :

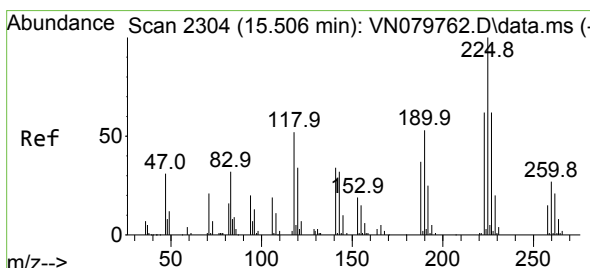
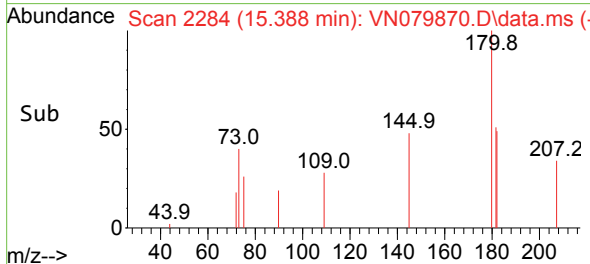
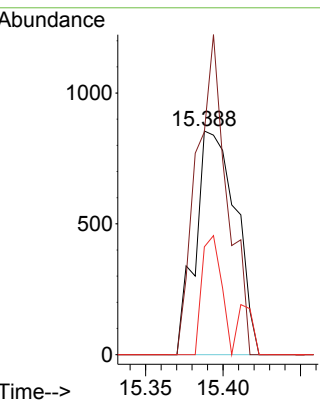
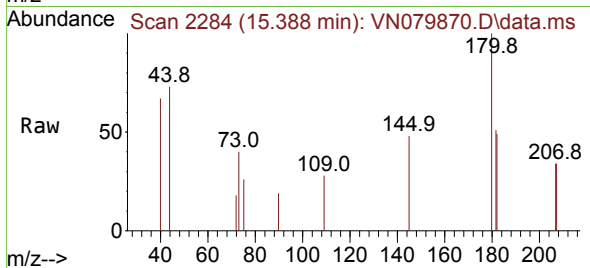
Tgt Ion:180 Resp: 1548

Ion Ratio Lower Upper

180 100

182 108.0 46.1 138.2

145 25.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.711 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079870.D

Acq: 04 Nov 2023 02:22

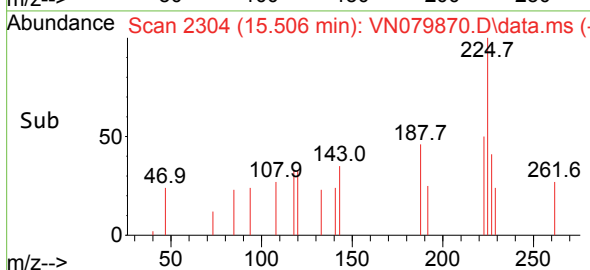
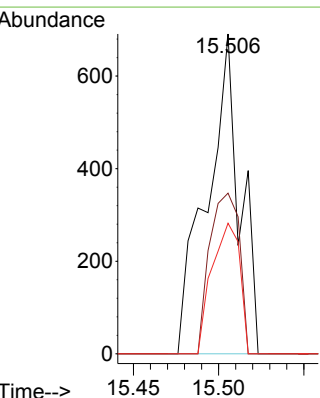
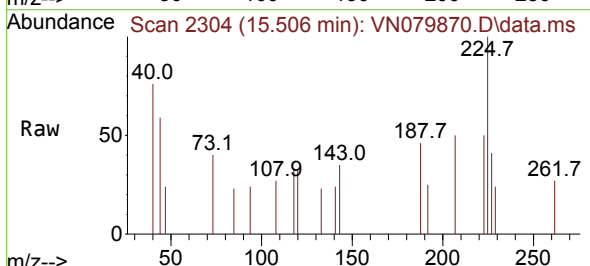
Tgt Ion:225 Resp: 928

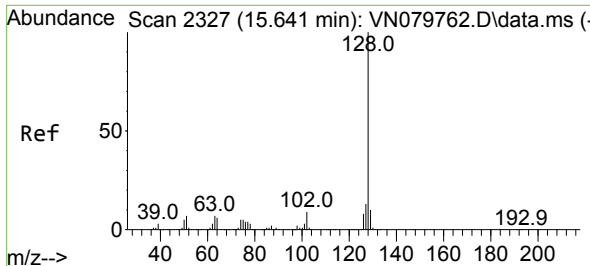
Ion Ratio Lower Upper

225 100

223 45.3 31.3 93.8

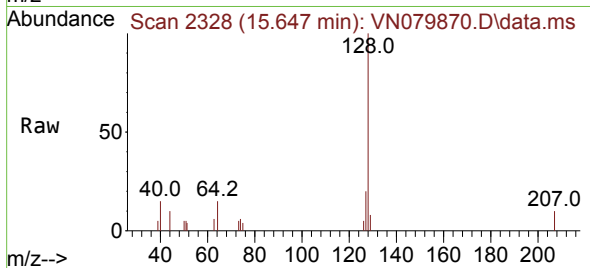
227 34.6 31.9 95.9



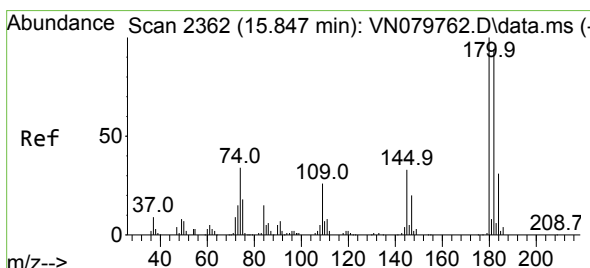
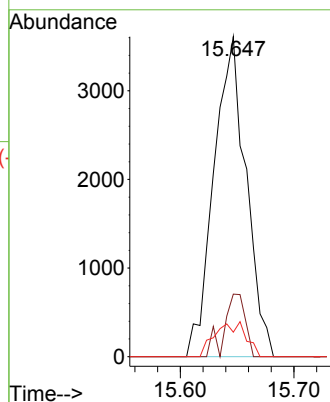
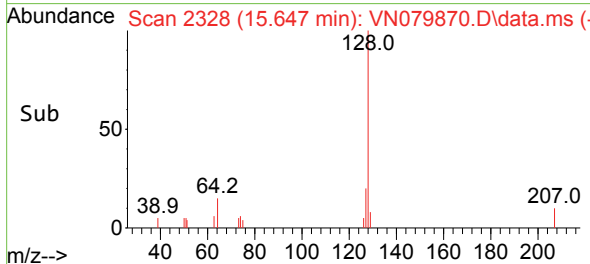


#95  
Naphthalene  
Concen: 0.728 ug/l  
RT: 15.647 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22

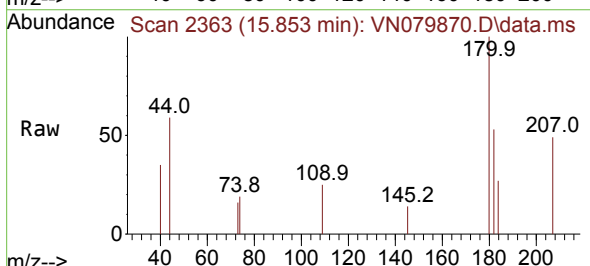
Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 7109  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.0 15.0  
129 10.4 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 0.655 ug/l  
RT: 15.853 min Scan# 2363  
Delta R.T. 0.012 min  
Lab File: VN079870.D  
Acq: 04 Nov 2023 02:22



Tgt Ion:180 Resp: 1850  
Ion Ratio Lower Upper  
180 100  
182 107.7 46.2 138.6  
145 32.3 17.5 52.6

