

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062023\  
 Data File : VN078302.D  
 Acq On : 20 Jun 2023 12:12  
 Operator : JC\MD  
 Sample : 03231-12RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FSND-MW-6-06132023

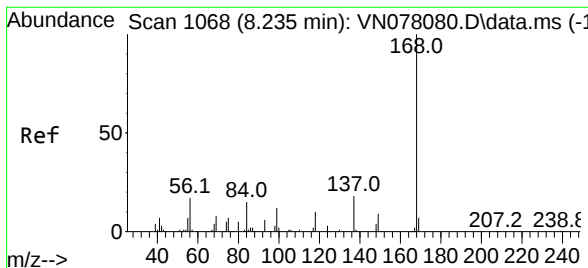
Quant Time: Jun 21 05:44:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-----------|--------|----------|
| -----                         |                |      |                     |           |        |          |
| Internal Standards            |                |      |                     |           |        |          |
| 1) Pentafluorobenzene         | 8.236          | 168  | 452738              | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 828678              | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.871         | 117  | 733217              | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.800         | 152  | 226180              | 50.000    | ug/l   | 0.00     |
|                               |                |      |                     |           |        |          |
| System Monitoring Compounds   |                |      |                     |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.588          | 65   | 318713              | 52.799    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 105.600% |           |        |          |
| 35) Dibromofluoromethane      | 8.177          | 113  | 294455              | 56.198    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 112.400% |           |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 976533              | 48.345    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 96.680%  |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 303631              | 48.353    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 96.700%  |           |        |          |
|                               |                |      |                     |           |        |          |
| Target Compounds              |                |      |                     |           |        |          |
|                               |                |      |                     |           | Qvalue |          |
| 3) Chloromethane              | 2.377          | 50   | 1317                | Below Cal | #      | 85       |
| 5) Bromomethane               | 2.989          | 94   | 2225                | 0.439     | ug/l # | 68       |
| 10) Methyl Iodide             | 4.601          | 142  | 1688                | 0.249     | ug/l # | 92       |
| 13) Acrolein                  | 4.183          | 56   | 337                 | 0.367     | ug/l # | 16       |
| 15) Acrylonitrile             | 5.742          | 53   | 1045                | 0.486     | ug/l # | 67       |
| 16) Acetone                   | 4.459          | 43   | 4754                | 2.736     | ug/l # | 59       |
| 18) Methyl Acetate            | 5.042          | 43   | 2547                | 0.318     | ug/l # | 50       |
| 20) Methylene Chloride        | 5.289          | 84   | 2109                | 0.367     | ug/l # | 69       |
| 25) 2-Butanone                | 7.518          | 43   | 896                 | 0.335     | ug/l   | 94       |
| 31) Cyclohexane               | 8.236          | 56   | 10379               | 1.340     | ug/l # | 55       |
| 32) 1,1,1-Trichloroethane     | 8.165          | 97   | 5054                | 0.571     | ug/l # | 24       |
| 36) 1,1-Dichloropropene       | 8.230          | 75   | 38226               | 5.086     | ug/l # | 48       |
| 38) Carbon Tetrachloride      | 8.230          | 117  | 48395               | 6.098     | ug/l # | 15       |
| 43) Isopropyl Acetate         | 8.730          | 43   | 8942                | 0.796     | ug/l # | 49       |
| 44) Trichloroethene           | 9.359          | 130  | 118035              | 19.920    | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.706          | 88   | 173                 | 1.747     | ug/l # | 1        |
| 59) 2-Hexanone                | 11.200         | 43   | 2120                | 0.515     | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.947         | 83   | 508                 | Below Cal | #      | 81       |
| 76) 1,2,3-Trichloropropane    | 12.853         | 75   | 169096              | 31.625    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 169096              | 97.161    | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 13.235         | 91   | 3193                | 0.228     | ug/l   | 92       |
| 85) sec-Butylbenzene          | 13.623         | 105  | 4694                | 0.238     | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.729         | 119  | 3766                | 0.236     | ug/l   | 86       |
| 87) 1,3-Dichlorobenzene       | 13.735         | 146  | 1937                | 0.231     | ug/l   | 82       |
| 88) 1,4-Dichlorobenzene       | 13.735         | 146  | 1937                | 0.239     | ug/l   | 83       |
| 89) n-Butylbenzene            | 14.065         | 91   | 4151                | 0.329     | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 14.123         | 146  | 1675                | 0.204     | ug/l   | 76       |
| 93) 1,2,4-Trichlorobenzene    | 15.394         | 180  | 2295                | 0.785     | ug/l   | 77       |
| 94) Hexachlorobutadiene       | 15.506         | 225  | 1317                | Below Cal | #      | 71       |
| 95) Naphthalene               | 15.647         | 128  | 6512                | 0.662     | ug/l # | 89       |
| 96) 1,2,3-Trichlorobenzene    | 15.847         | 180  | 2545                | 0.778     | ug/l   | 89       |
| -----                         |                |      |                     |           |        |          |

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

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
FSND-MW-6-06132023

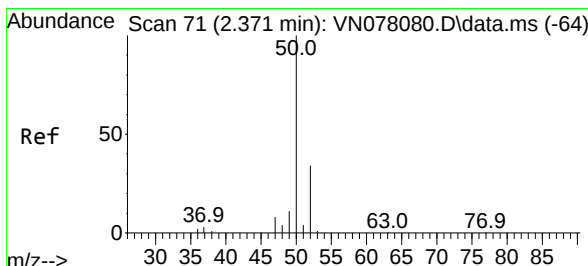
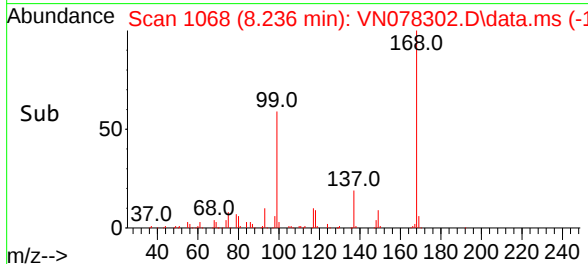
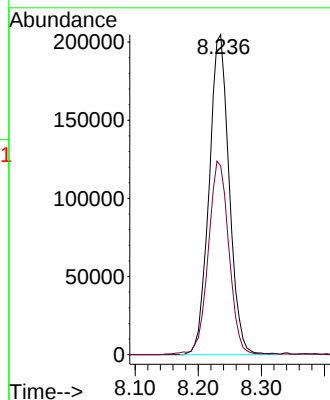
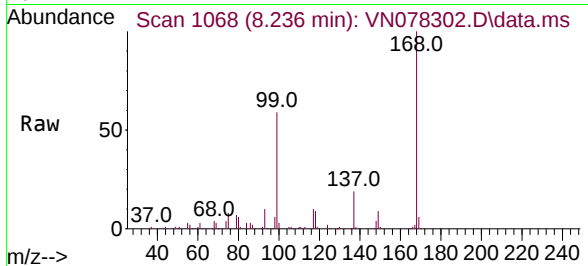
[illegible]



#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.236 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

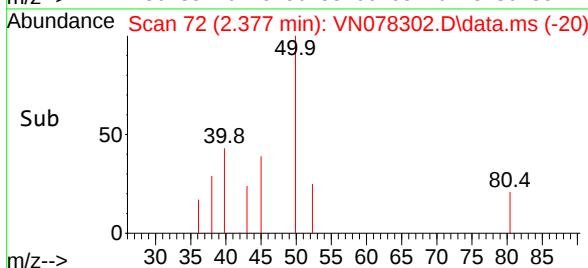
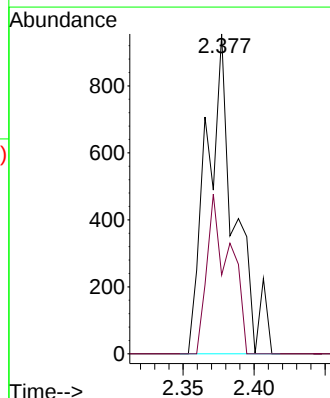
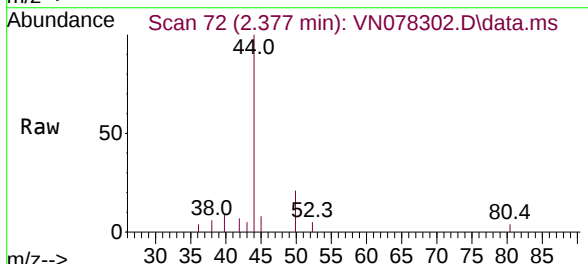
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-6-06132023

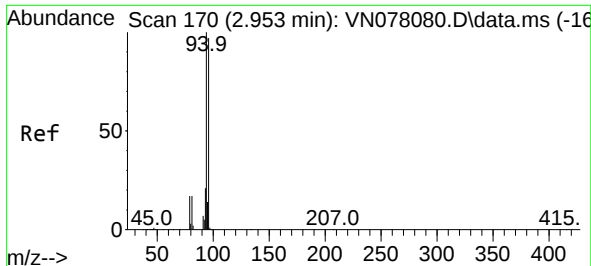
Tgt Ion:168 Resp: 452738  
Ion Ratio Lower Upper  
168 100  
99 58.9 53.0 79.6



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.377 min Scan# 72  
Delta R.T. 0.006 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

Tgt Ion: 50 Resp: 1317  
Ion Ratio Lower Upper  
50 100  
52 24.6 26.5 39.7#

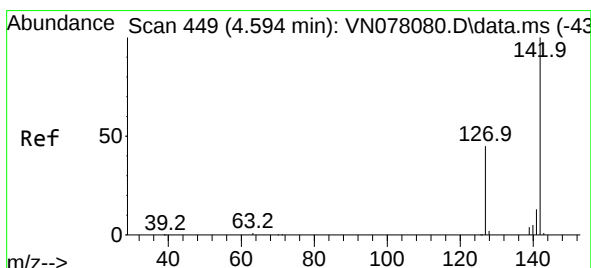
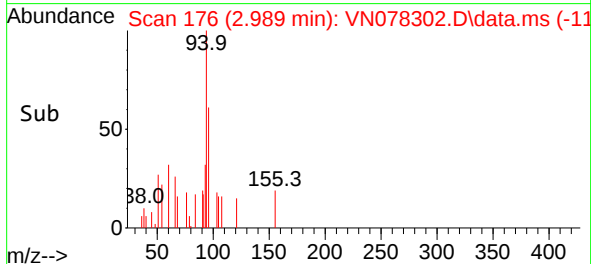
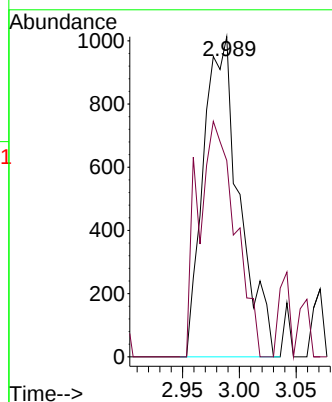
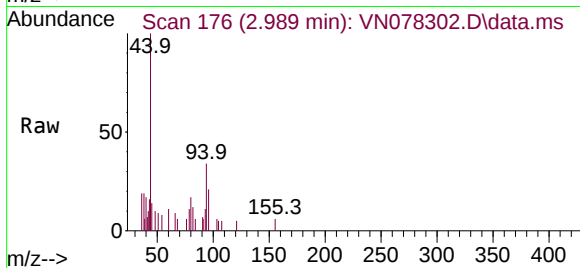




#5  
Bromomethane  
Concen: 0.439 ug/l  
RT: 2.989 min Scan# 11  
Delta R.T. 0.035 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

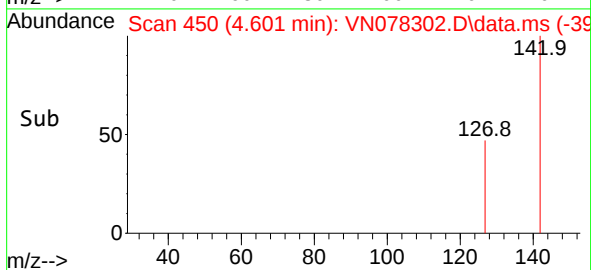
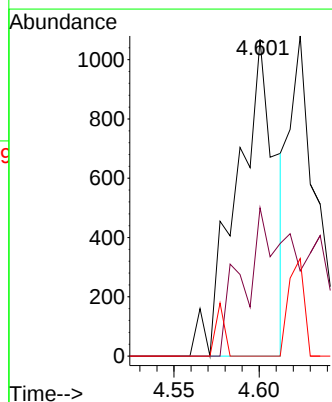
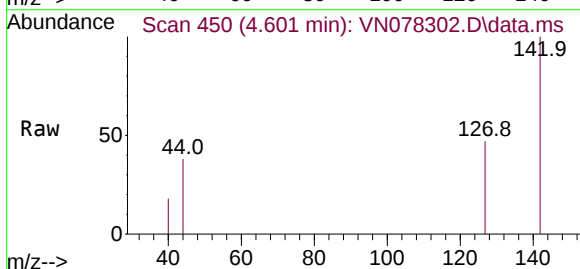
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-6-06132023

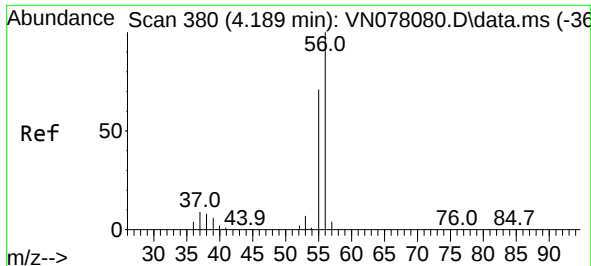
Tgt Ion: 94 Resp: 2225  
Ion Ratio Lower Upper  
94 100  
96 61.3 73.1 109.7#



#10  
Methyl Iodide  
Concen: 0.249 ug/l  
RT: 4.601 min Scan# 450  
Delta R.T. 0.006 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

Tgt Ion: 142 Resp: 1688  
Ion Ratio Lower Upper  
142 100  
127 46.8 37.6 56.4  
141 0.0 11.4 17.0#





#13

Acrolein

Concen: 0.367 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

Instrument :

MSVOA\_N

ClientSampleId :

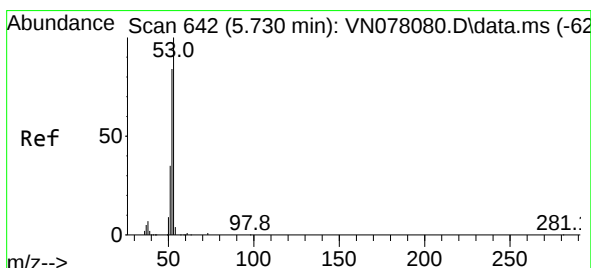
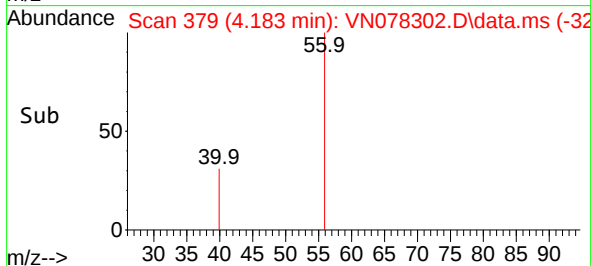
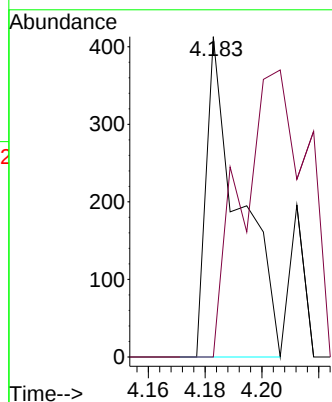
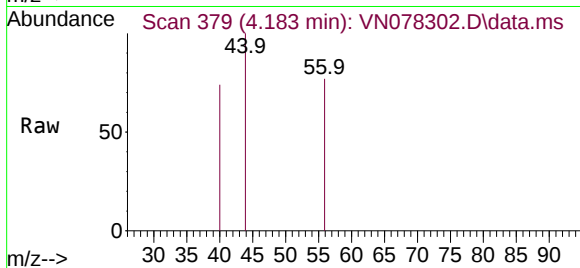
FSND-MW-6-06132023

Tgt Ion: 56 Resp: 337

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#15

Acrylonitrile

Concen: 0.486 ug/l

RT: 5.742 min Scan# 644

Delta R.T. 0.012 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

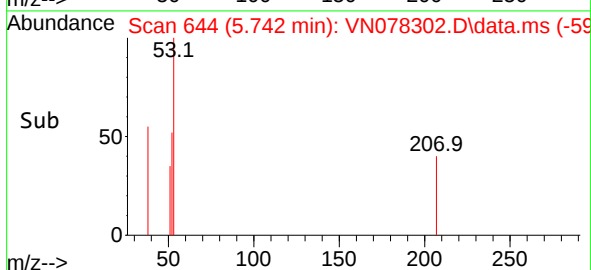
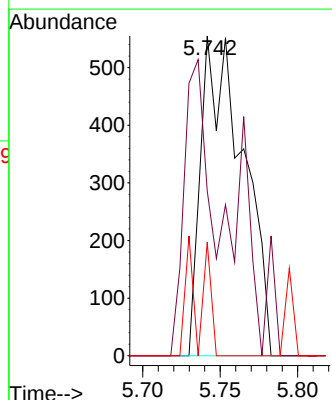
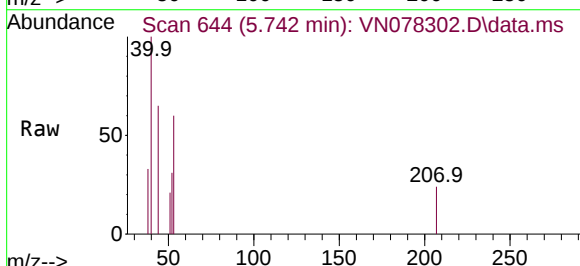
Tgt Ion: 53 Resp: 1045

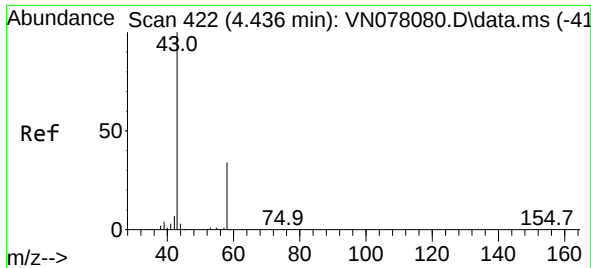
Ion Ratio Lower Upper

53 100

52 53.8 65.3 97.9#

51 13.7 28.9 43.3#





#16

Acetone

Concen: 2.736 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

Instrument :

MSVOA\_N

ClientSampleId :

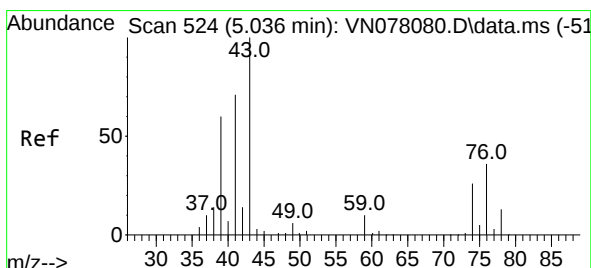
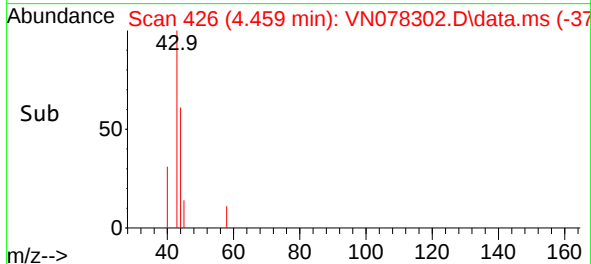
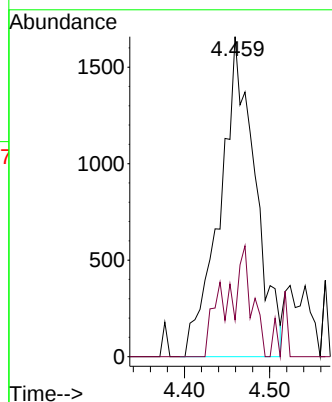
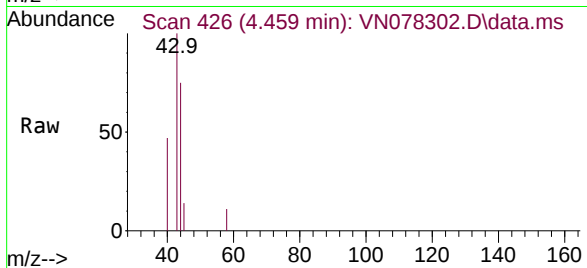
FSND-MW-6-06132023

Tgt Ion: 43 Resp: 4754

Ion Ratio Lower Upper

43 100

58 11.5 28.0 42.0#



#18

Methyl Acetate

Concen: 0.318 ug/l

RT: 5.042 min Scan# 525

Delta R.T. 0.006 min

Lab File: VN078302.D

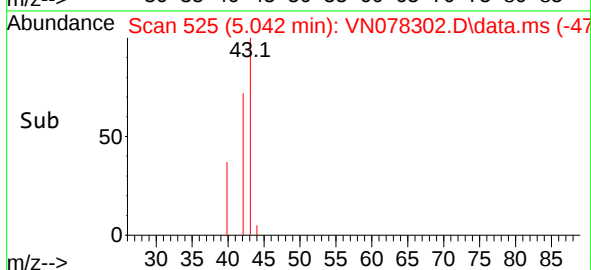
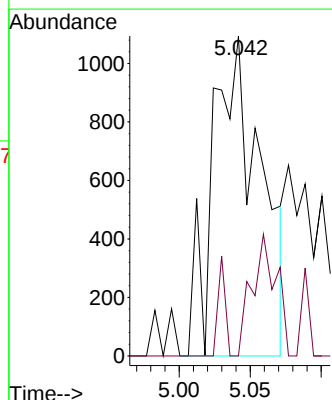
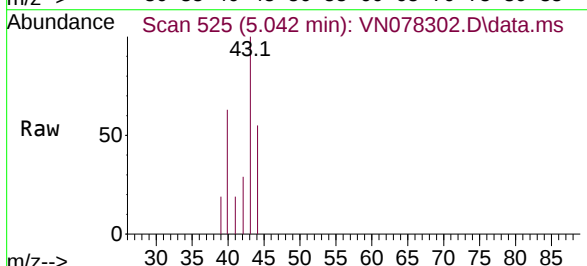
Acq: 20 Jun 2023 12:12

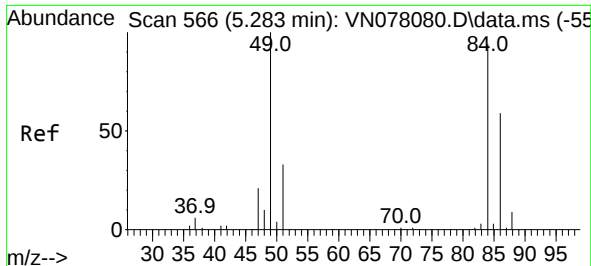
Tgt Ion: 43 Resp: 2547

Ion Ratio Lower Upper

43 100

74 4.8 26.2 39.4#

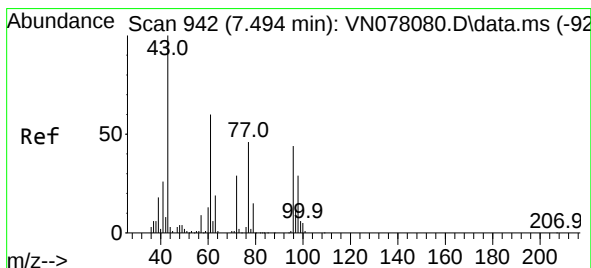
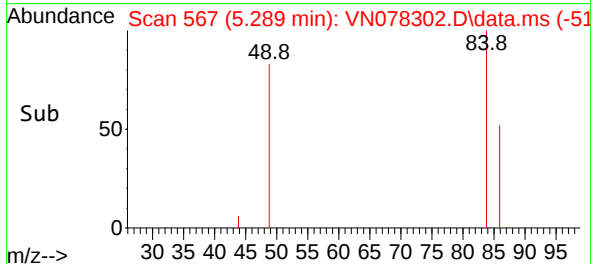
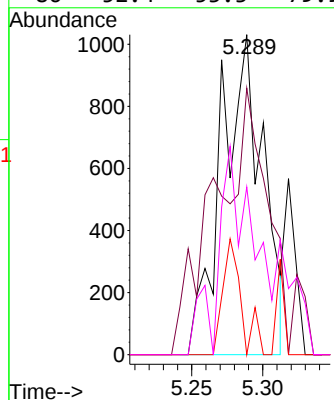
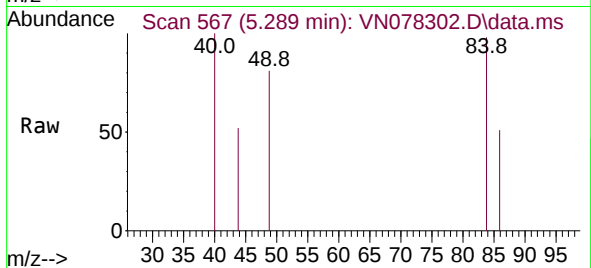




#20  
Methylene Chloride  
Concen: 0.367 ug/l  
RT: 5.289 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

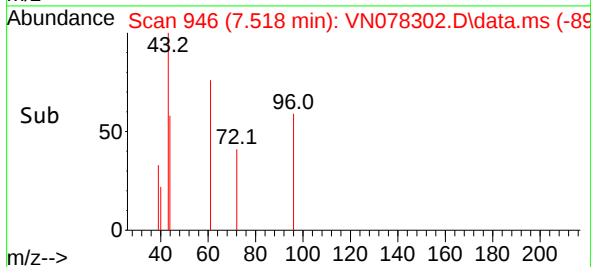
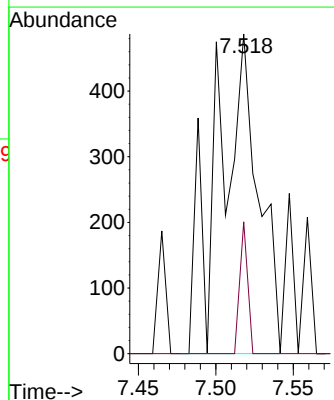
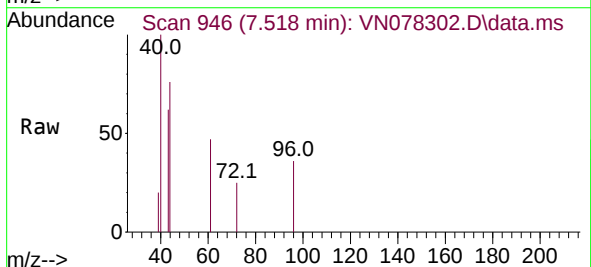
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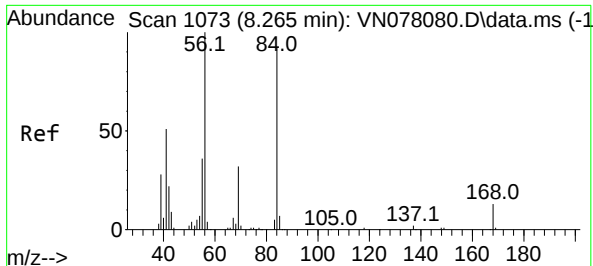
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 2109   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 68.5  | 79.7  | 119.5# |
| 51       | 0.0   | 25.2  | 37.8#  |
| 86       | 52.4  | 53.3  | 79.9#  |



#25  
2-Butanone  
Concen: 0.335 ug/l  
RT: 7.518 min Scan# 946  
Delta R.T. 0.024 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 896   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 41.3  | 30.2  | 45.2  |

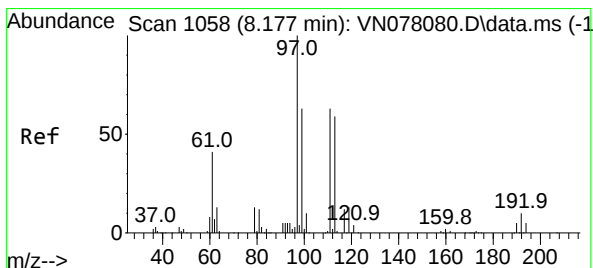
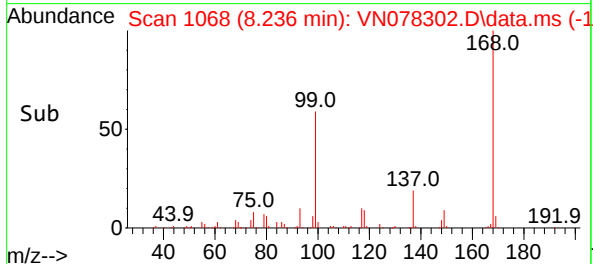
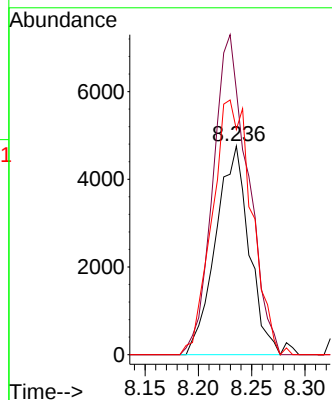
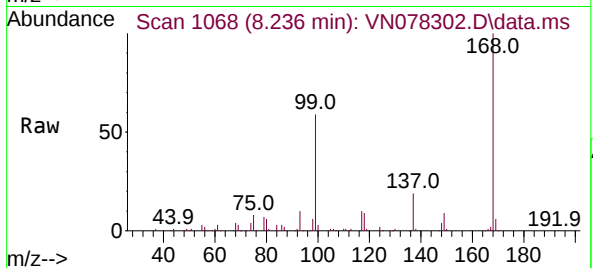




#31  
Cyclohexane  
Concen: 1.340 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. -0.029 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

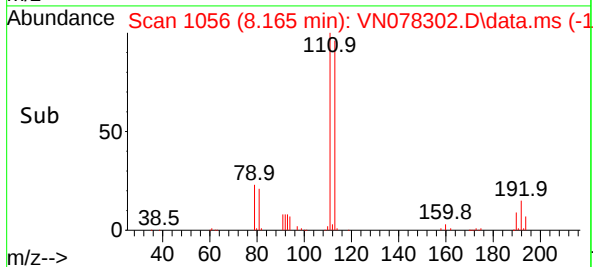
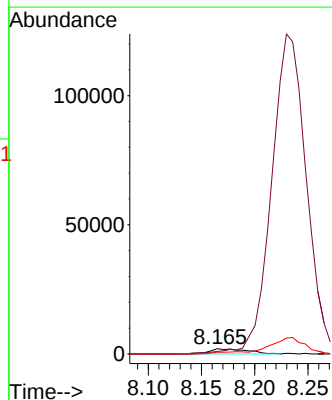
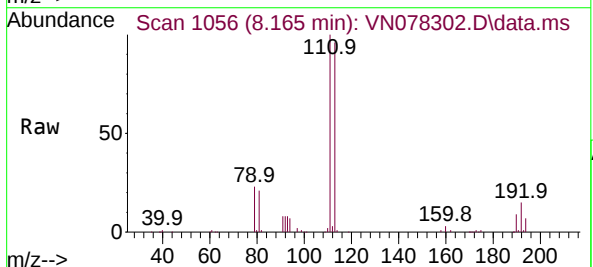
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-6-06132023

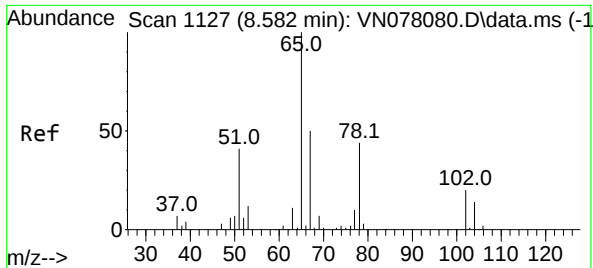
Tgt Ion: 56 Resp: 10379  
Ion Ratio Lower Upper  
56 100  
69 126.7 26.8 40.2#  
84 107.9 81.8 122.6



#32  
1,1,1-Trichloroethane  
Concen: 0.571 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.012 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

Tgt Ion: 97 Resp: 5054  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.3 75.5#  
61 0.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 52.799 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

Instrument :

MSVOA\_N

ClientSampleId :

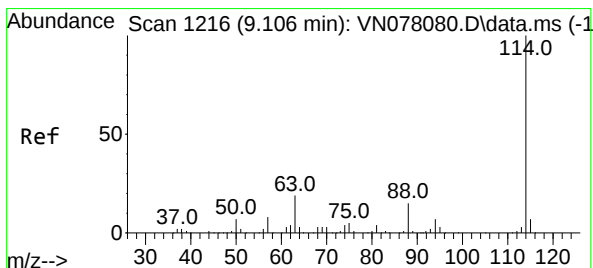
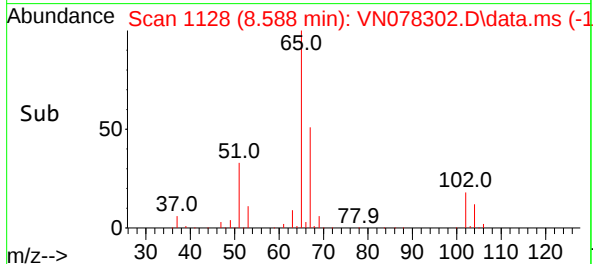
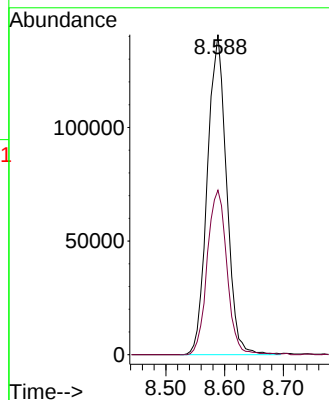
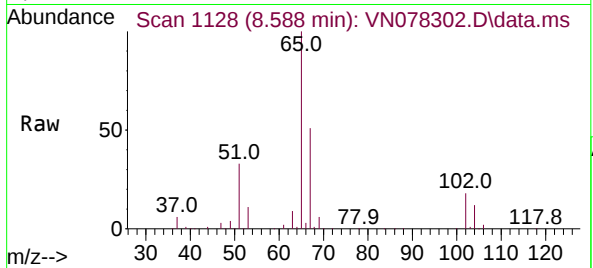
FSND-MW-6-06132023

Tgt Ion: 65 Resp: 318713

Ion Ratio Lower Upper

65 100

67 52.8 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: VN078302.D

Acq: 20 Jun 2023 12:12

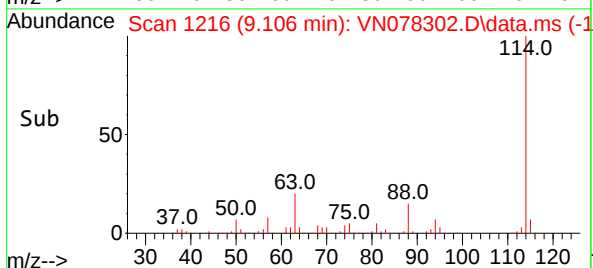
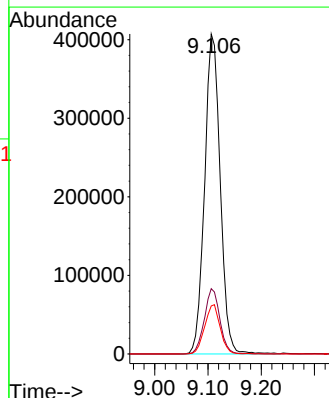
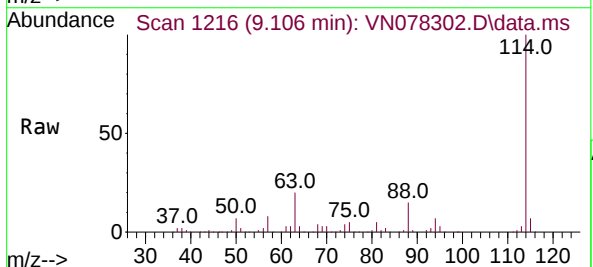
Tgt Ion: 114 Resp: 828678

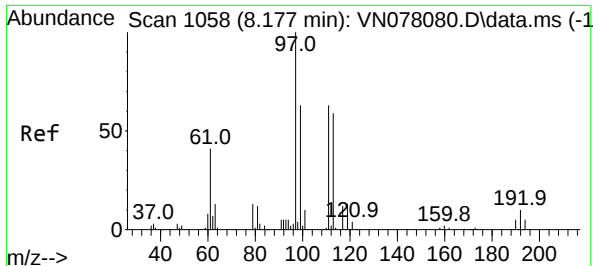
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.198 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

Instrument :

MSVOA\_N

ClientSampleId :

FSND-MW-6-06132023

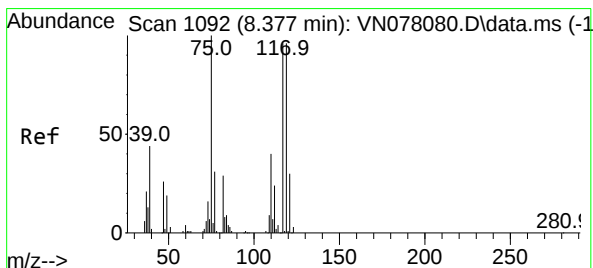
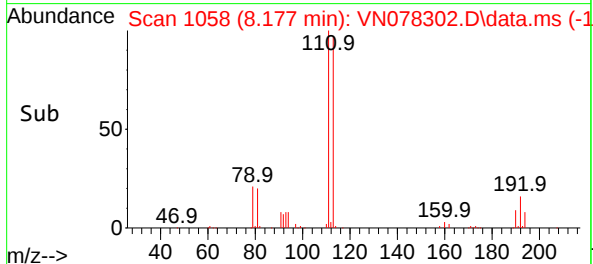
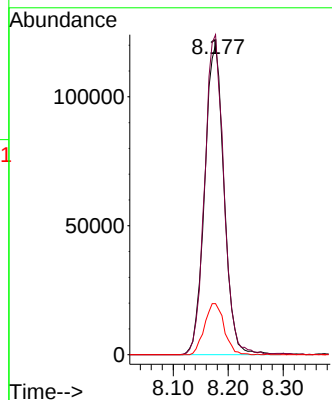
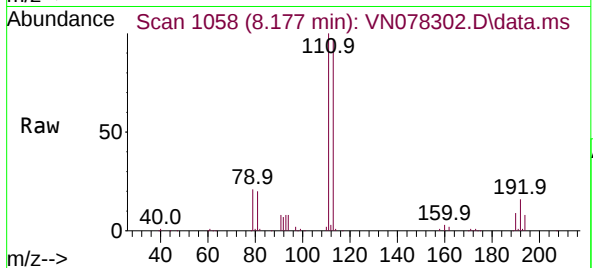
Tgt Ion:113 Resp: 294455

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 16.7 12.7 19.1



#36

1,1-Dichloropropene

Concen: 5.086 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

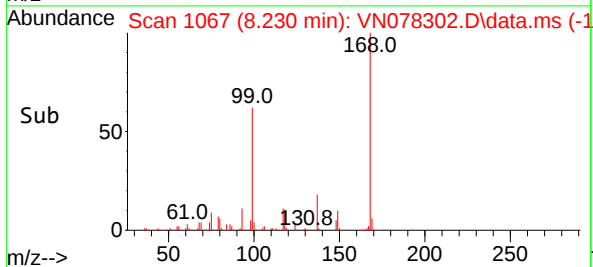
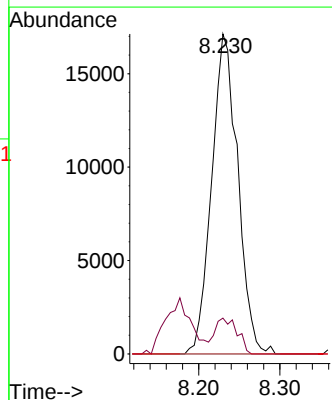
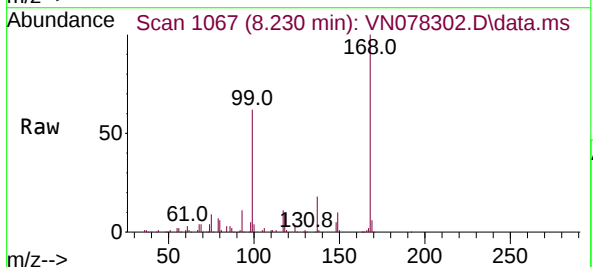
Tgt Ion: 75 Resp: 38226

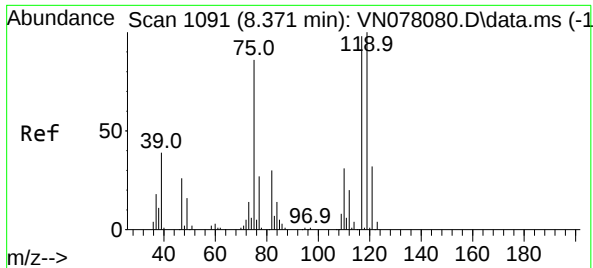
Ion Ratio Lower Upper

75 100

110 9.5 19.1 57.3#

77 0.0 25.0 37.4#

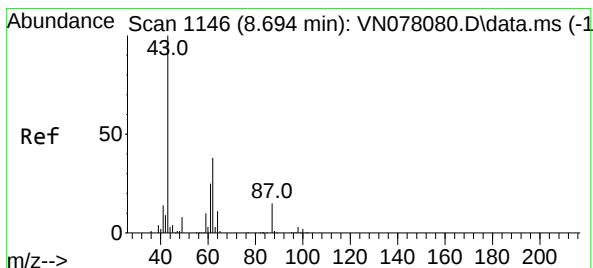
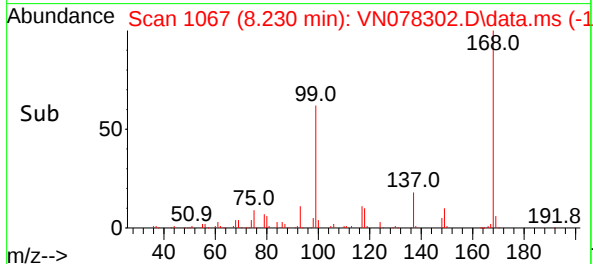
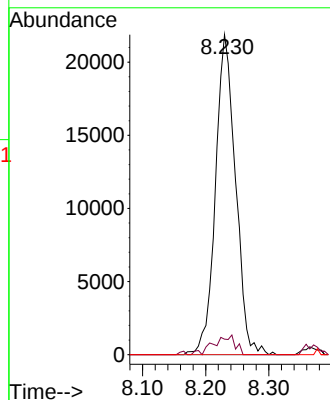
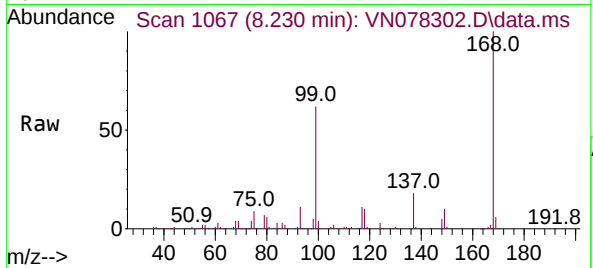




#38  
Carbon Tetrachloride  
Concen: 6.098 ug/l  
RT: 8.230 min Scan# 1152  
Delta R.T. -0.141 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

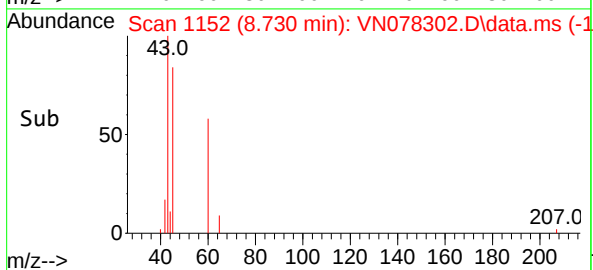
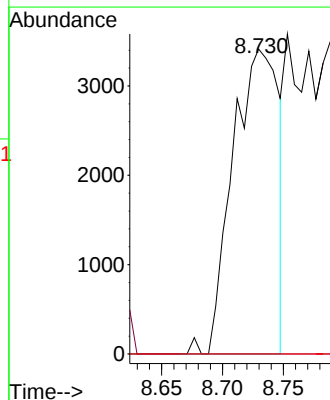
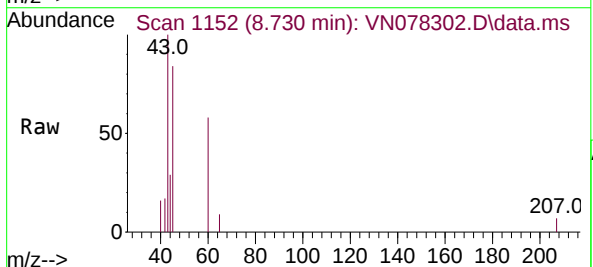
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-6-06132023

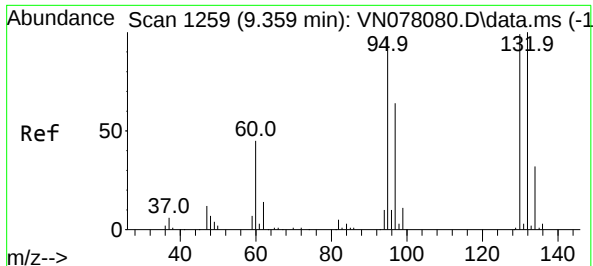
Tgt Ion:117 Resp: 48395  
Ion Ratio Lower Upper  
117 100  
119 4.8 77.3 115.9#  
121 0.0 23.3 34.9#



#43  
Isopropyl Acetate  
Concen: 0.796 ug/l  
RT: 8.730 min Scan# 1152  
Delta R.T. 0.035 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

Tgt Ion: 43 Resp: 8942  
Ion Ratio Lower Upper  
43 100  
61 0.0 24.7 37.1#  
87 0.0 14.6 21.8#





#44

Trichloroethene

Concen: 19.920 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

Instrument :

MSVOA\_N

ClientSampleId :

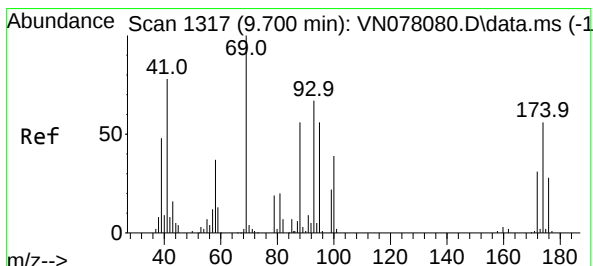
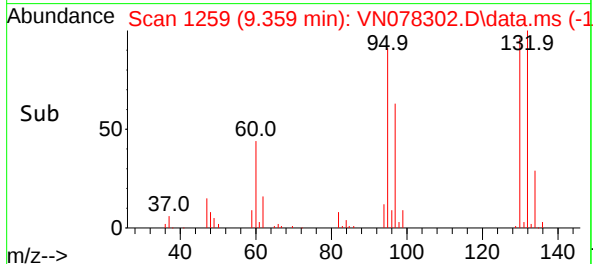
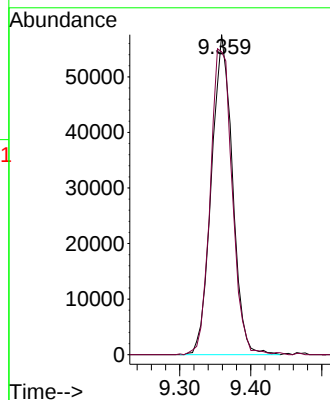
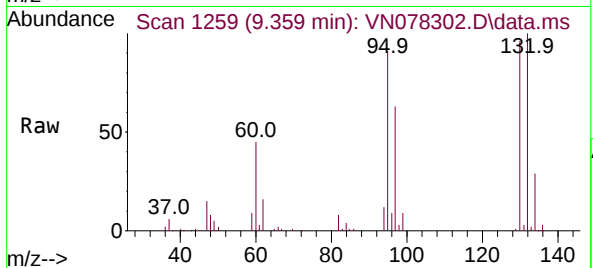
FSND-MW-6-06132023

Tgt Ion:130 Resp: 118035

Ion Ratio Lower Upper

130 100

95 94.4 0.0 204.6



#49

1,4-Dioxane

Concen: 1.747 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

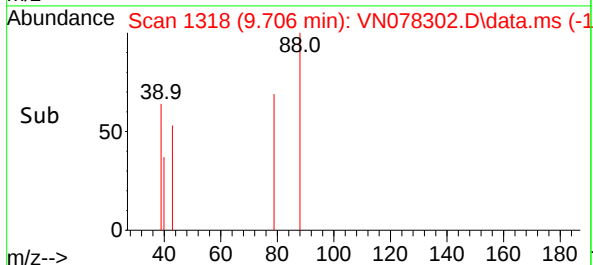
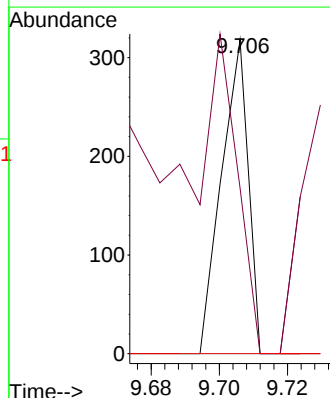
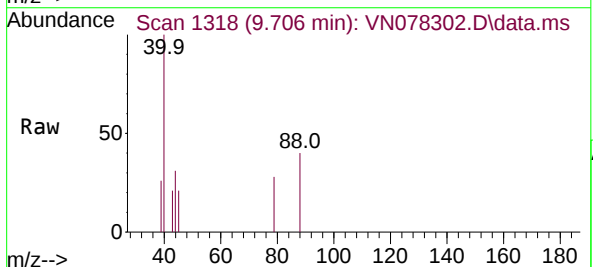
Tgt Ion: 88 Resp: 173

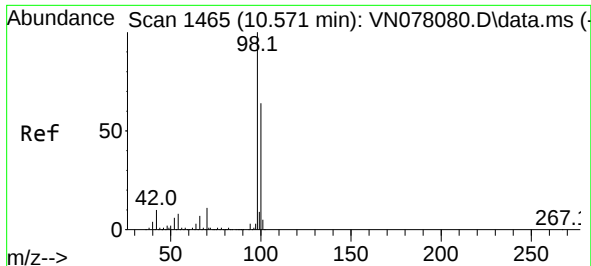
Ion Ratio Lower Upper

88 100

43 100.6 17.0 25.6#

58 0.0 47.0 70.4#

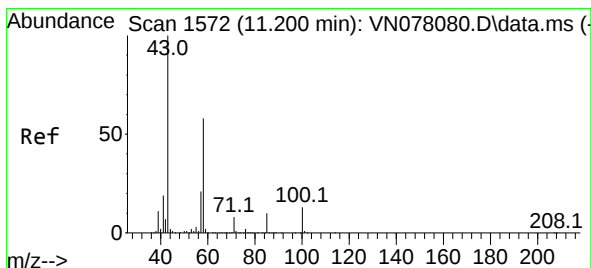
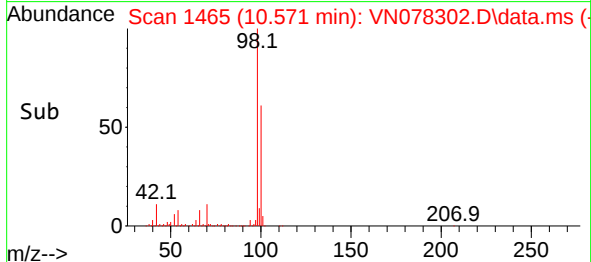
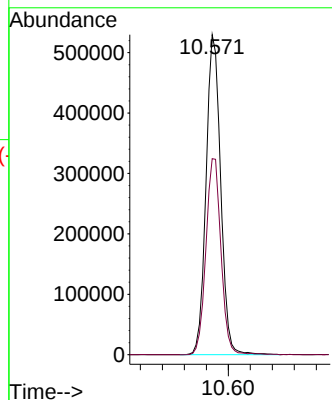
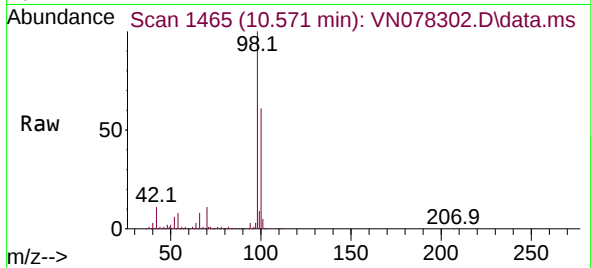




#50  
Toluene-d8  
Concen: 48.345 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

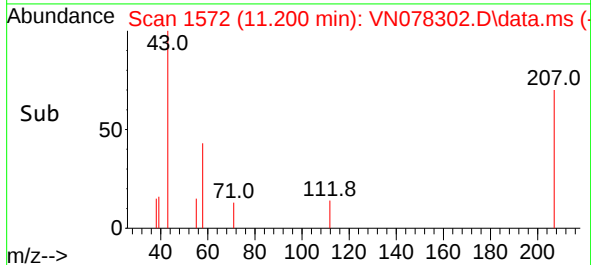
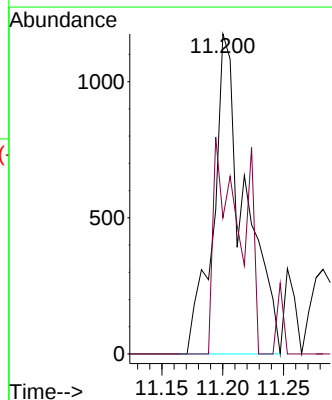
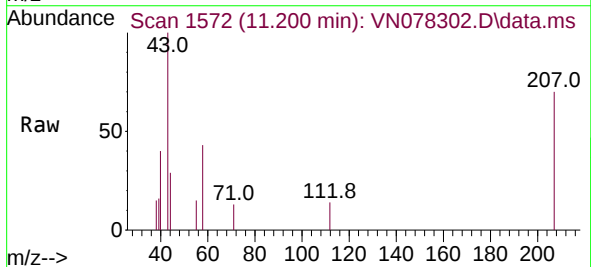
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-6-06132023

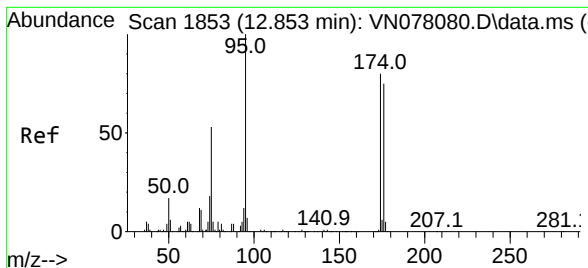
Tgt Ion: 98 Resp: 976533  
Ion Ratio Lower Upper  
98 100  
100 63.3 52.0 78.0



#59  
2-Hexanone  
Concen: 0.515 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

Tgt Ion: 43 Resp: 2120  
Ion Ratio Lower Upper  
43 100  
58 58.3 31.7 95.1

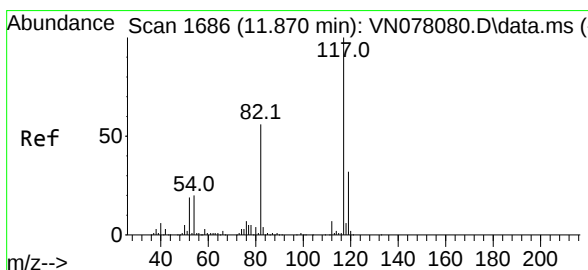
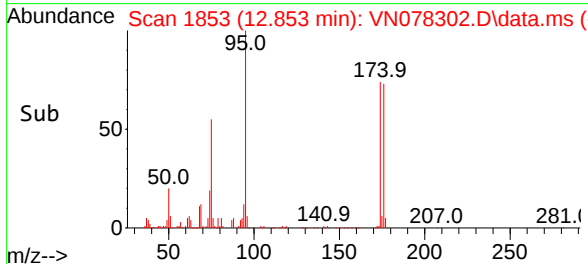
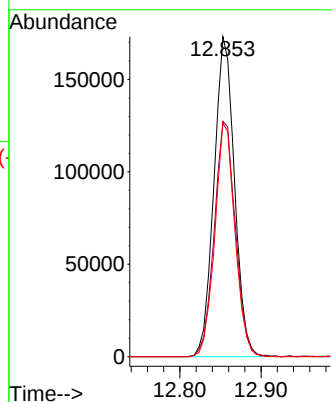
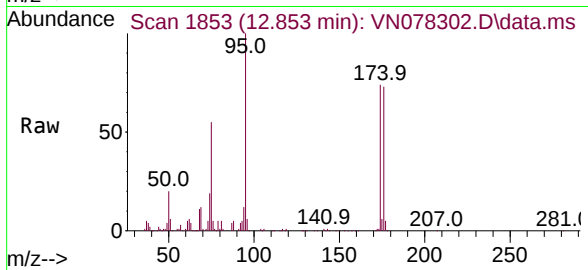




#62  
4-Bromofluorobenzene  
Concen: 48.353 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

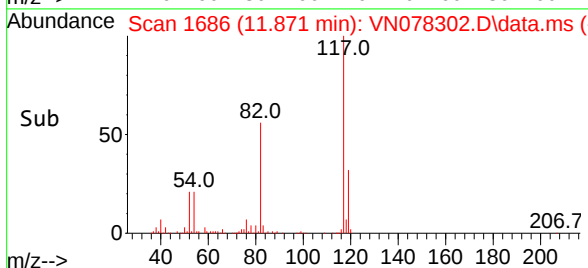
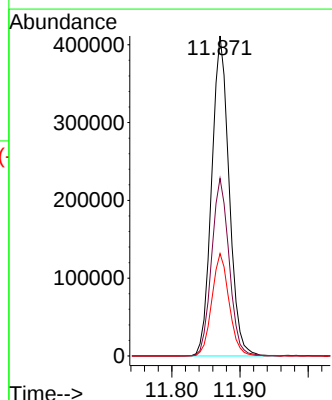
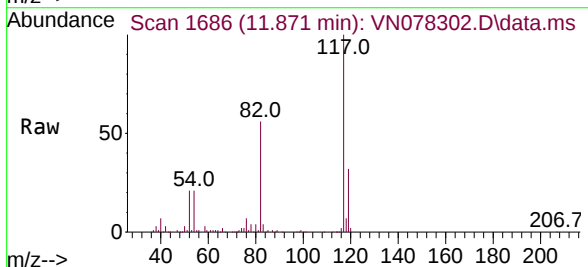
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-6-06132023

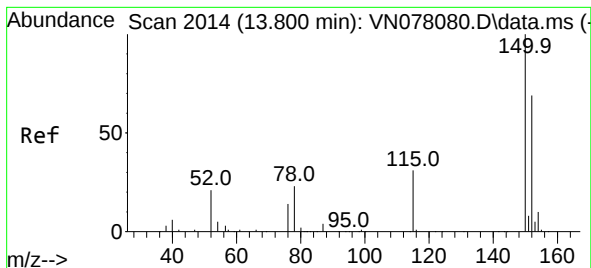
Tgt Ion: 95 Resp: 303631  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 143.8  
176 71.7 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

Tgt Ion: 117 Resp: 733217  
Ion Ratio Lower Upper  
117 100  
82 55.5 44.0 66.0  
119 32.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

Instrument :

MSVOA\_N

ClientSampleId :

FSND-MW-6-06132023

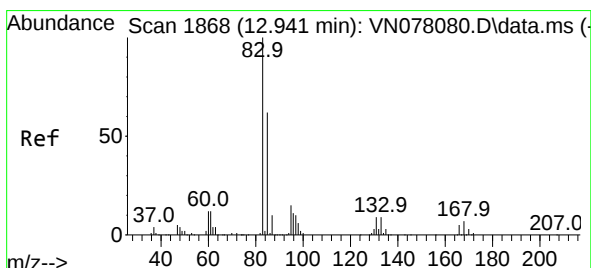
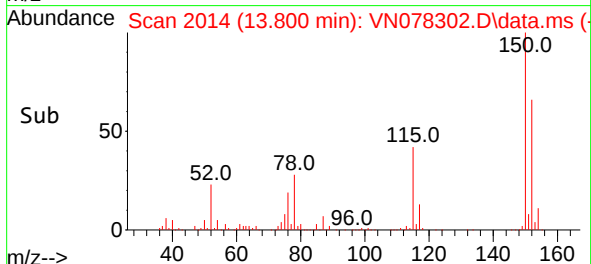
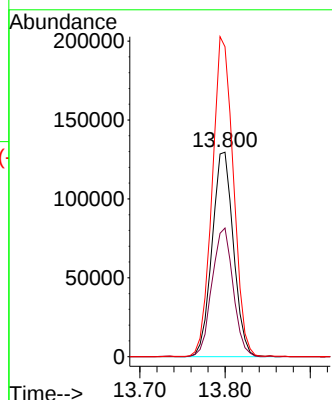
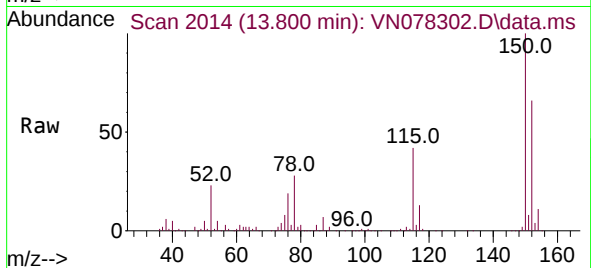
Tgt Ion:152 Resp: 226180

Ion Ratio Lower Upper

152 100

115 62.2 32.3 96.8

150 154.6 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.947 min Scan# 1869

Delta R.T. 0.006 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

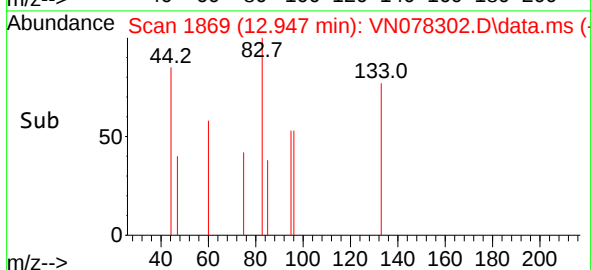
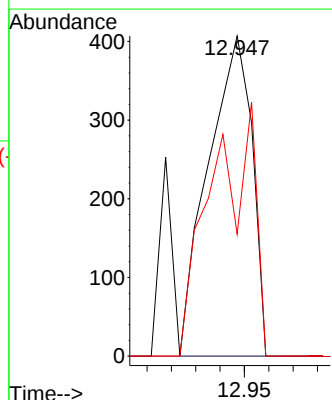
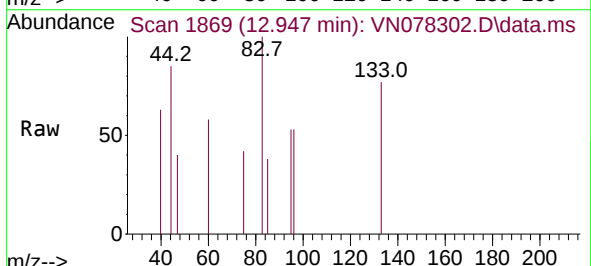
Tgt Ion: 83 Resp: 508

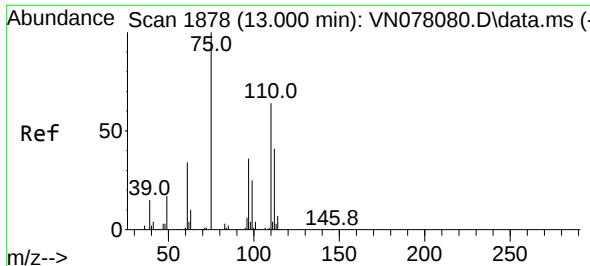
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 78.0 31.9 95.7

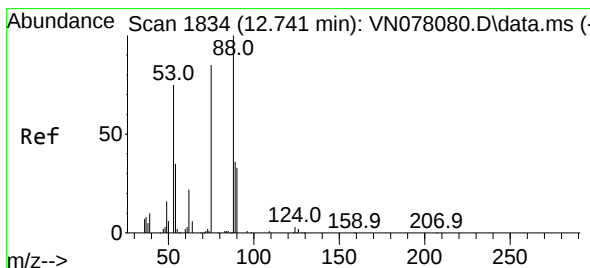
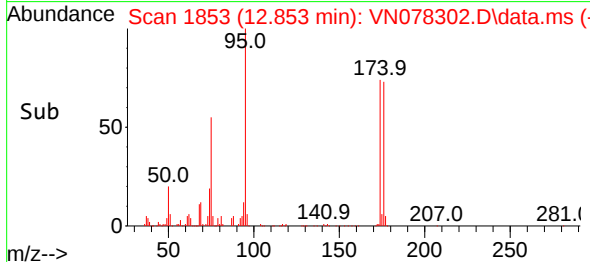
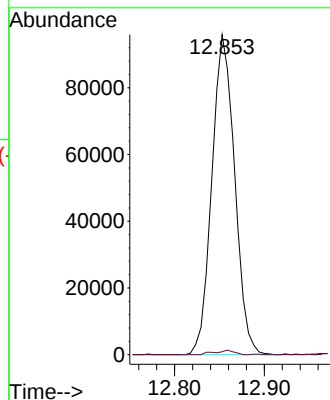
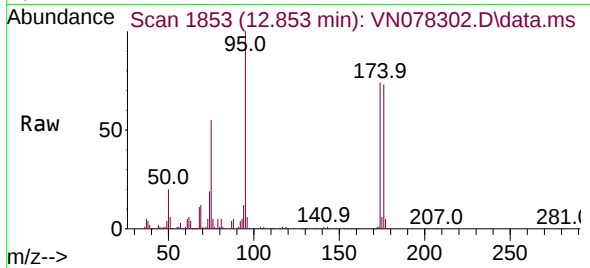




#76  
1,2,3-Trichloropropane  
Concen: 31.625 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.147 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

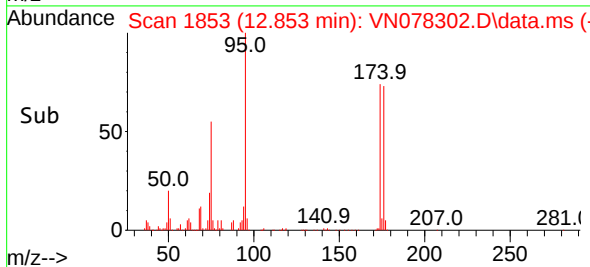
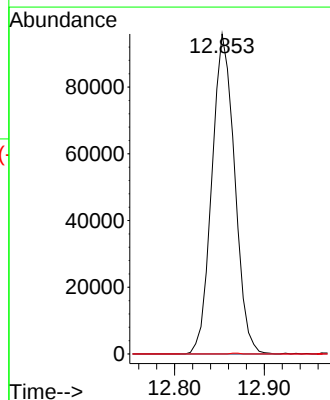
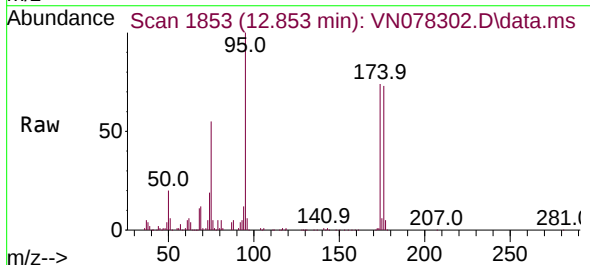
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-6-06132023

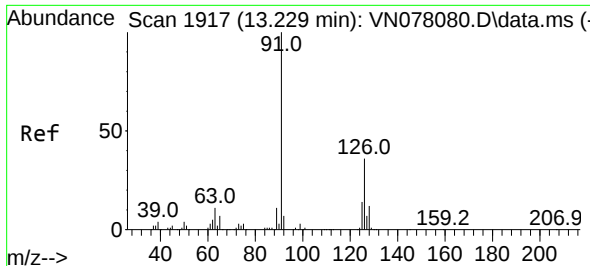
Tgt Ion: 75 Resp: 169096  
Ion Ratio Lower Upper  
75 100  
77 1.2 84.5 253.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 97.161 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.112 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

Tgt Ion: 75 Resp: 169096  
Ion Ratio Lower Upper  
75 100  
53 0.0 67.4 101.2#  
89 0.1 38.8 58.2#

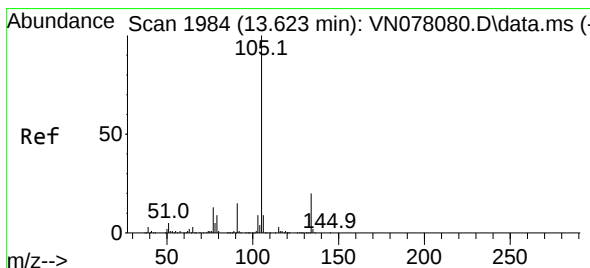
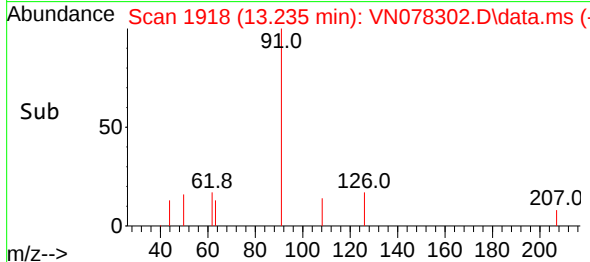
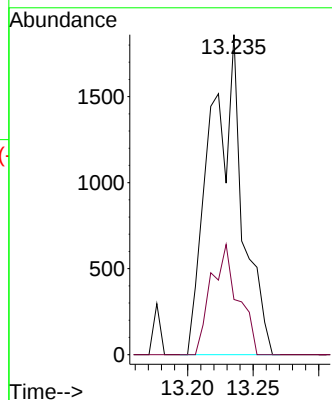
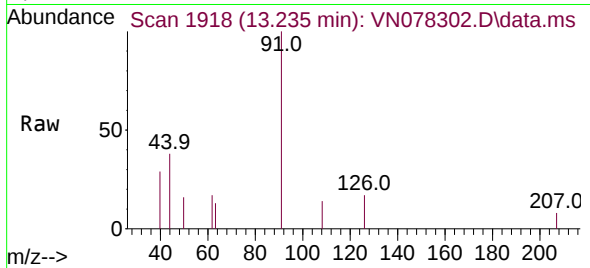




#82  
4-Chlorotoluene  
Concen: 0.228 ug/l  
RT: 13.235 min Scan# 1918  
Delta R.T. 0.006 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

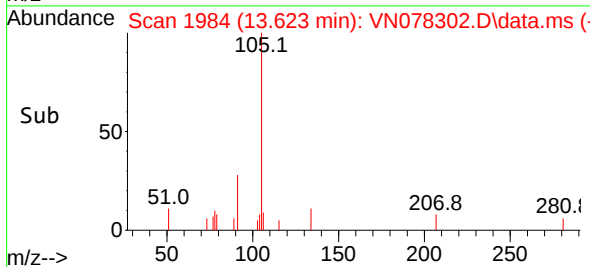
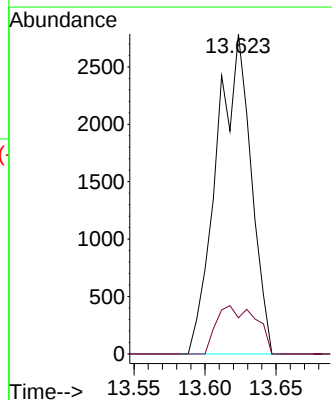
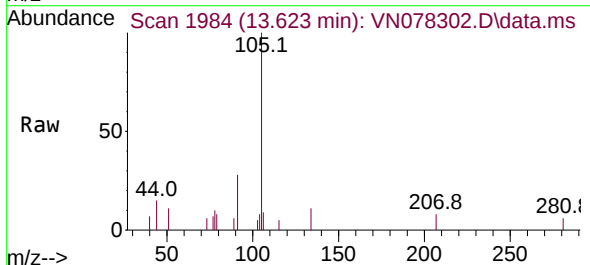
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-6-06132023

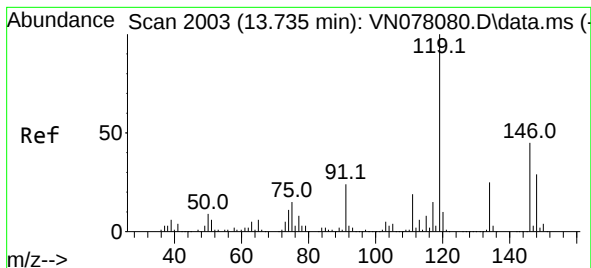
Tgt Ion: 91 Resp: 3193  
Ion Ratio Lower Upper  
91 100  
126 28.7 16.7 50.0



#85  
sec-Butylbenzene  
Concen: 0.238 ug/l  
RT: 13.623 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

Tgt Ion: 105 Resp: 4694  
Ion Ratio Lower Upper  
105 100  
134 17.2 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.236 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

Instrument :

MSVOA\_N

ClientSampleId :

FSND-MW-6-06132023

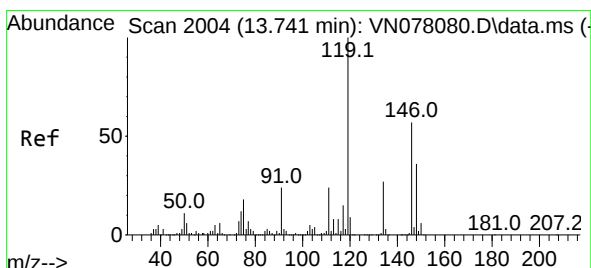
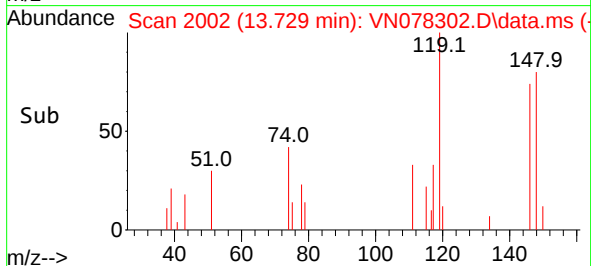
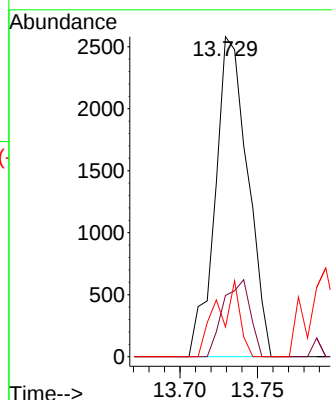
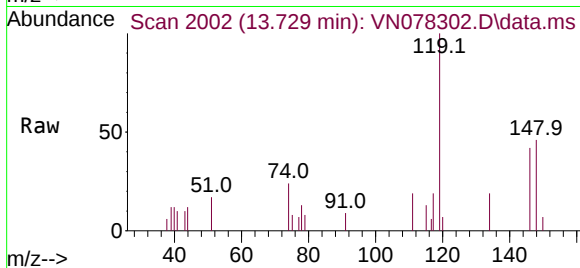
Tgt Ion:119 Resp: 3766

Ion Ratio Lower Upper

119 100

134 19.9 12.6 37.8

91 16.4 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 0.231 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

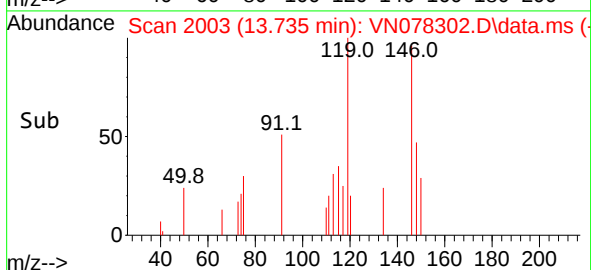
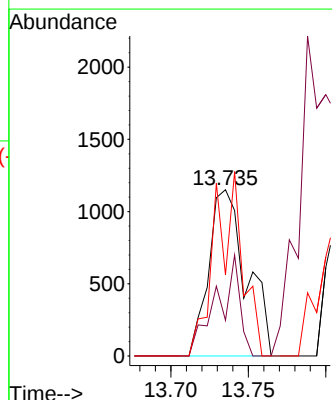
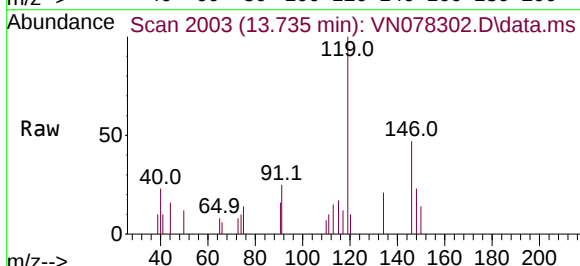
Tgt Ion:146 Resp: 1937

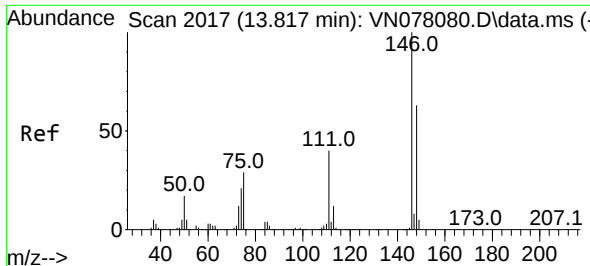
Ion Ratio Lower Upper

146 100

111 36.9 22.1 66.3

148 81.3 32.0 96.0

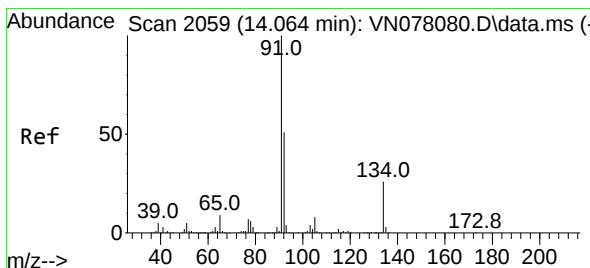
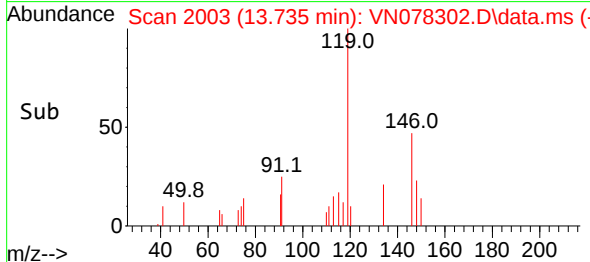
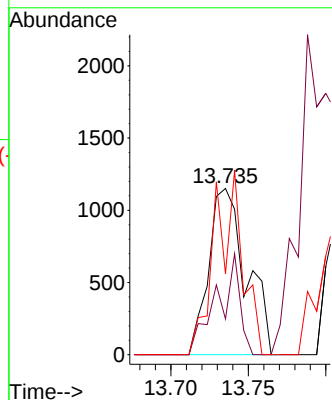
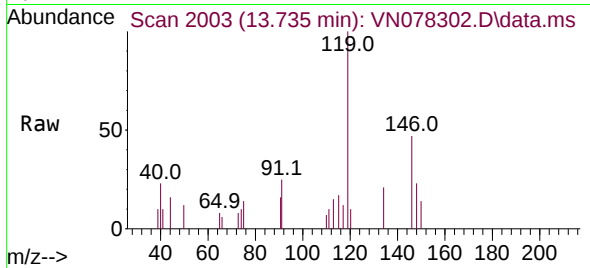




#88  
1,4-Dichlorobenzene  
Concen: 0.239 ug/l  
RT: 13.735 min Scan# 2017  
Delta R.T. -0.082 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

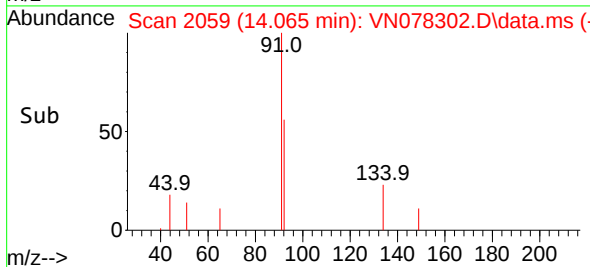
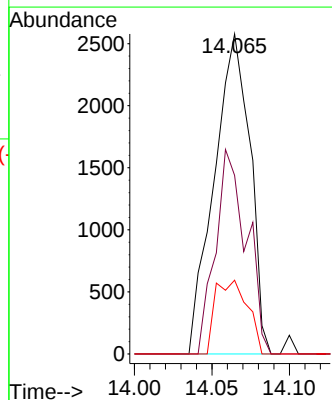
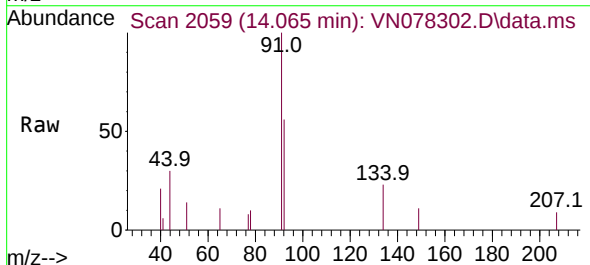
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-6-06132023

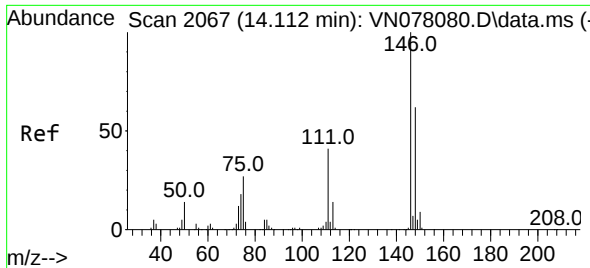
Tgt Ion:146 Resp: 1937  
Ion Ratio Lower Upper  
146 100  
111 36.9 20.6 61.8  
148 81.3 31.6 94.8



#89  
n-Butylbenzene  
Concen: 0.329 ug/l  
RT: 14.065 min Scan# 2059  
Delta R.T. 0.000 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

Tgt Ion: 91 Resp: 4151  
Ion Ratio Lower Upper  
91 100  
92 55.4 26.4 79.0  
134 20.7 12.6 37.6

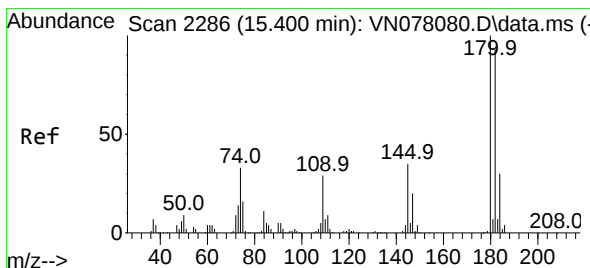
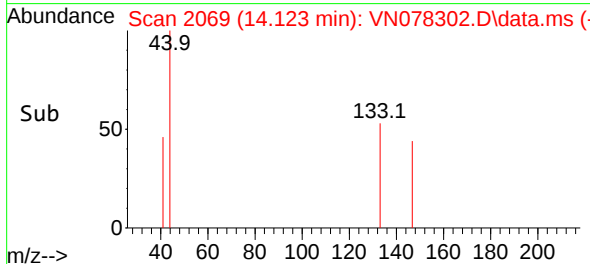
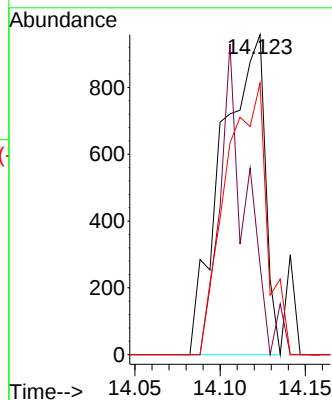
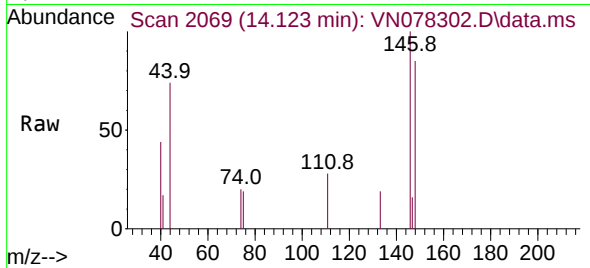




#91  
1,2-Dichlorobenzene  
Concen: 0.204 ug/l  
RT: 14.123 min Scan# 2069  
Delta R.T. 0.012 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

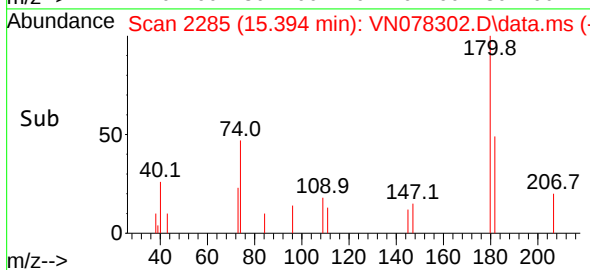
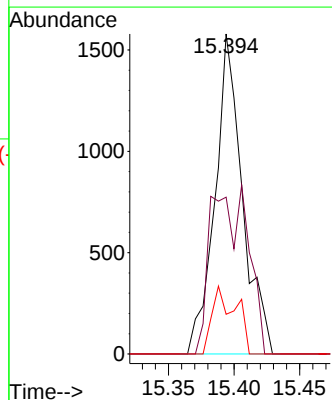
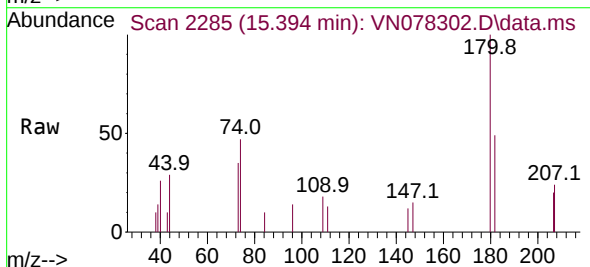
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-6-06132023

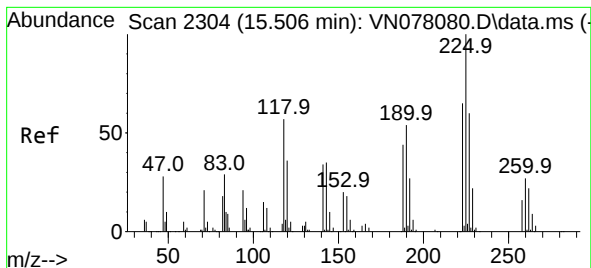
Tgt Ion:146 Resp: 1675  
Ion Ratio Lower Upper  
146 100  
111 60.8 22.0 66.0  
148 81.4 31.8 95.3



#93  
1,2,4-Trichlorobenzene  
Concen: 0.785 ug/l  
RT: 15.394 min Scan# 2285  
Delta R.T. -0.006 min  
Lab File: VN078302.D  
Acq: 20 Jun 2023 12:12

Tgt Ion:180 Resp: 2295  
Ion Ratio Lower Upper  
180 100  
182 71.9 46.1 138.2  
145 18.3 16.6 49.8





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078302.D

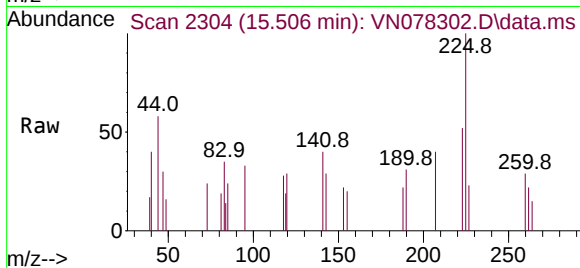
Acq: 20 Jun 2023 12:12

Instrument :

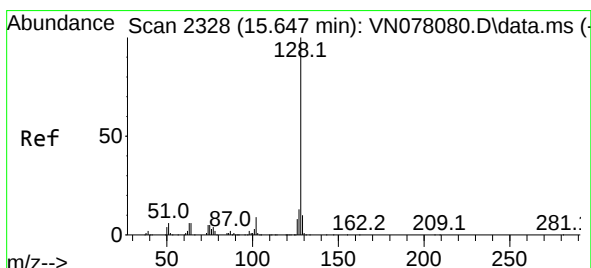
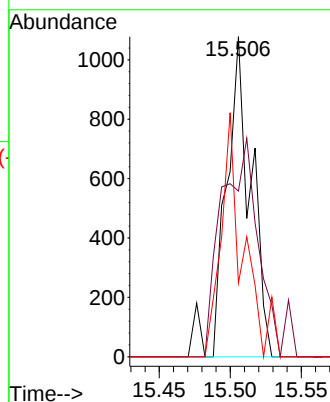
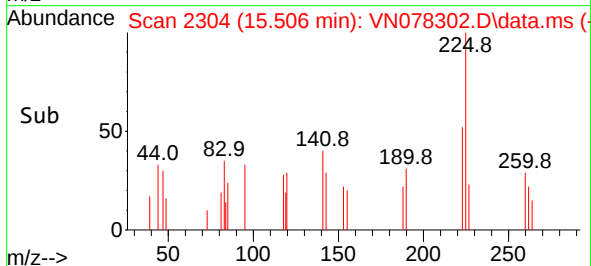
MSVOA\_N

ClientSampleId :

FSND-MW-6-06132023



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1317  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 103.6 | 31.3  | 93.8# |
| 227      | 67.4  | 31.9  | 95.9  |



#95

Naphthalene

Concen: 0.662 ug/l

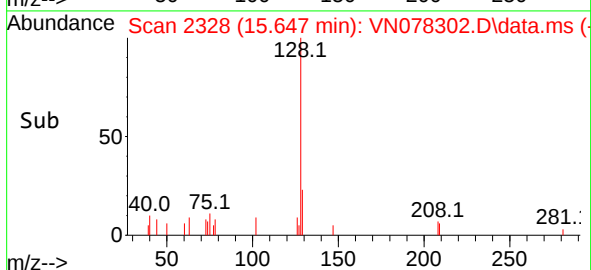
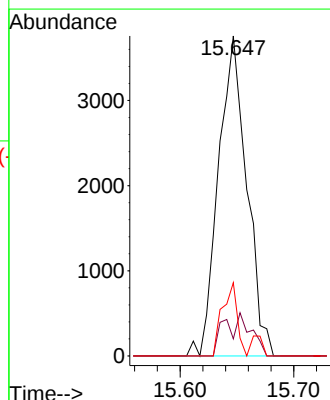
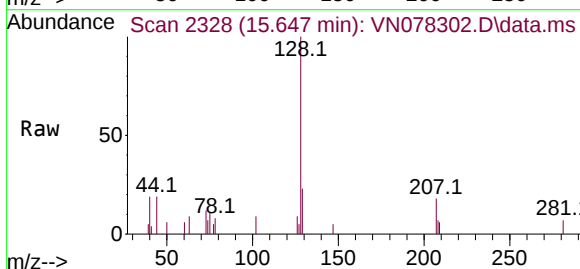
RT: 15.647 min Scan# 2328

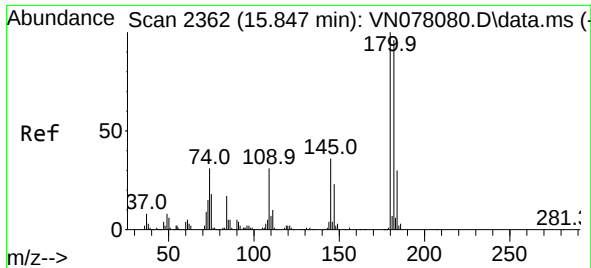
Delta R.T. 0.000 min

Lab File: VN078302.D

Acq: 20 Jun 2023 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 6512  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 5.5   | 10.0  | 15.0# |
| 129      | 12.1  | 8.7   | 13.1  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.778 ug/l  
 RT: 15.847 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN078302.D  
 Acq: 20 Jun 2023 12:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FSND-MW-6-06132023

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.5  | 46.2  | 138.6 |
| 145     | 20.9  | 17.5  | 52.6  |

