

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061523\  
 Data File : VN078225.D  
 Acq On : 15 Jun 2023 13:56  
 Operator : JC\MD  
 Sample : 03231-04DL 5X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FSND-MW-EVAL-1D-06132023DL

Quant Time: Jun 16 06:06:12 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

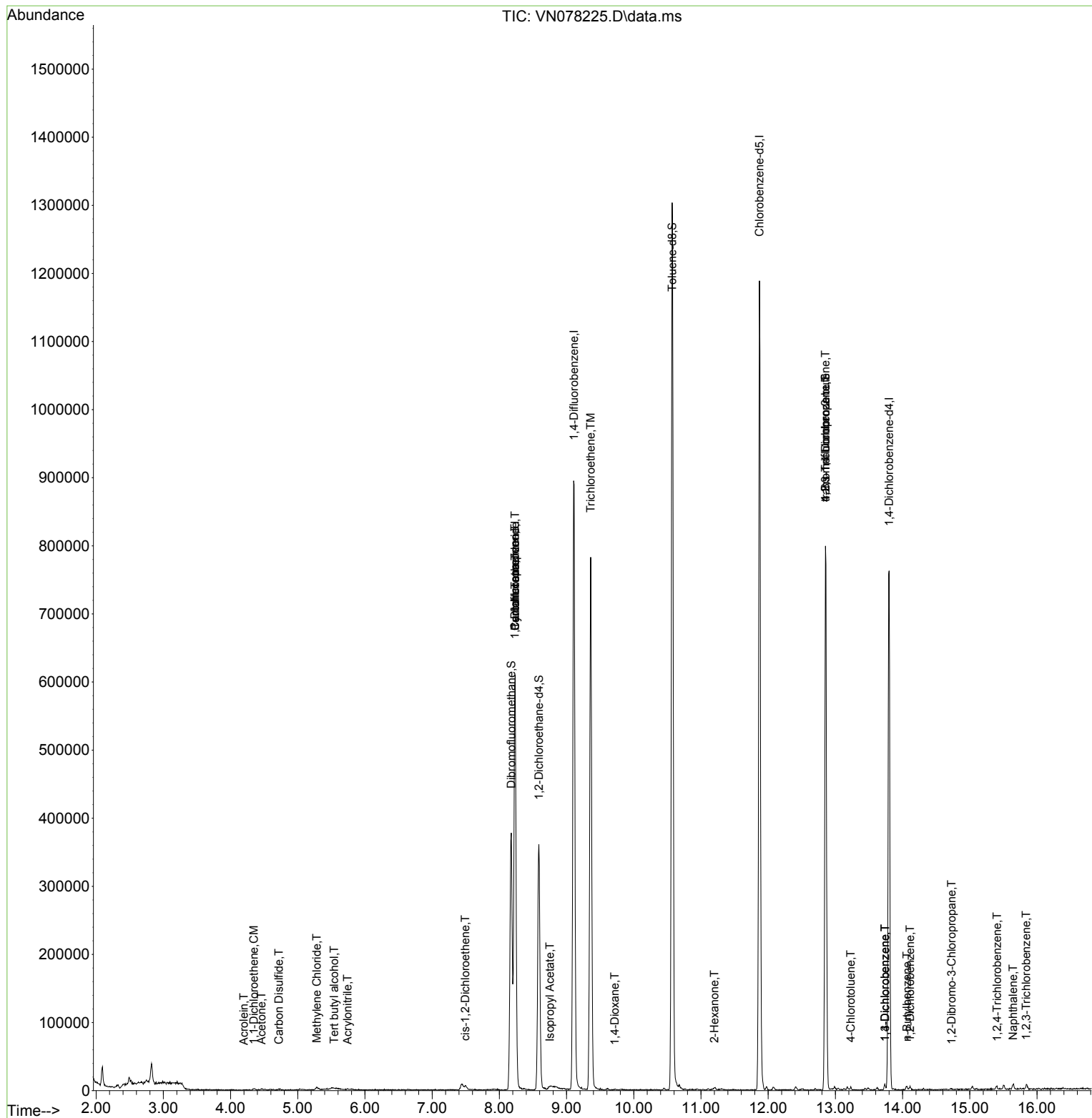
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 8.235  | 168   | 434685   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.112  | 114   | 795391   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.870 | 117   | 689950   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.800 | 152   | 212334   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.588  | 65    | 305685   | 52.744    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | = 105.480% |          |
| 35) Dibromofluoromethane      | 8.177  | 113   | 269604   | 53.608    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | = 107.220% |          |
| 50) Toluene-d8                | 10.570 | 98    | 949012   | 48.949    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | = 97.900%  |          |
| 62) 4-Bromofluorobenzene      | 12.853 | 95    | 287570   | 47.712    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | = 95.420%  |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 3) Chloromethane              | 2.383  | 50    | 990      | Below Cal | #          | 42       |
| 11) Tert butyl alcohol        | 5.541  | 59    | 444      | 0.555     | ug/l #     | 72       |
| 12) 1,1-Dichloroethene        | 4.347  | 96    | 1032     | 0.217     | ug/l #     | 63       |
| 13) Acrolein                  | 4.200  | 56    | 226      | 0.256     | ug/l #     | 16       |
| 15) Acrylonitrile             | 5.741  | 53    | 729      | 0.353     | ug/l #     | 83       |
| 16) Acetone                   | 4.459  | 43    | 2263     | 1.357     | ug/l #     | 71       |
| 17) Carbon Disulfide          | 4.718  | 76    | 2887     | 0.236     | ug/l #     | 75       |
| 20) Methylene Chloride        | 5.283  | 84    | 2432     | 0.441     | ug/l #     | 66       |
| 27) cis-1,2-Dichloroethene    | 7.494  | 96    | 3207     | 0.525     | ug/l       | 93       |
| 31) Cyclohexane               | 8.235  | 56    | 10181    | 1.369     | ug/l #     | 25       |
| 36) 1,1-Dichloropropene       | 8.229  | 75    | 37689    | 5.225     | ug/l #     | 47       |
| 38) Carbon Tetrachloride      | 8.235  | 117   | 47298    | 6.210     | ug/l #     | 16       |
| 43) Isopropyl Acetate         | 8.753  | 43    | 3529     | 0.327     | ug/l #     | 49       |
| 44) Trichloroethene           | 9.359  | 130   | 272969   | 47.995    | ug/l       | 96       |
| 49) 1,4-Dioxane               | 9.718  | 88    | 57       | 0.600     | ug/l #     | 1        |
| 59) 2-Hexanone                | 11.200 | 43    | 2586     | 0.654     | ug/l       | 70       |
| 75) 1,1,2,2-Tetrachloroethane | 12.947 | 83    | 741      | Below Cal | #          | 53       |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75    | 153823   | 30.644    | ug/l #     | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75    | 153823   | 94.148    | ug/l #     | 15       |
| 82) 4-Chlorotoluene           | 13.229 | 91    | 2781     | 0.212     | ug/l       | 93       |
| 87) 1,3-Dichlorobenzene       | 13.741 | 146   | 1695     | 0.215     | ug/l       | 75       |
| 88) 1,4-Dichlorobenzene       | 13.741 | 146   | 1695     | 0.223     | ug/l       | 72       |
| 89) n-Butylbenzene            | 14.064 | 91    | 3546     | 0.300     | ug/l       | 89       |
| 91) 1,2-Dichlorobenzene       | 14.111 | 146   | 2134     | 0.277     | ug/l       | 90       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.729 | 75    | 316      | 0.318     | ug/l       | 67       |
| 93) 1,2,4-Trichlorobenzene    | 15.405 | 180   | 1579     | 0.575     | ug/l #     | 54       |
| 94) Hexachlorobutadiene       | 15.511 | 225   | 1574     | Below Cal |            | 81       |
| 95) Naphthalene               | 15.647 | 128   | 6263     | 0.678     | ug/l       | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180   | 2453     | 0.799     | ug/l       | 97       |
| -----                         |        |       |          |           |            |          |

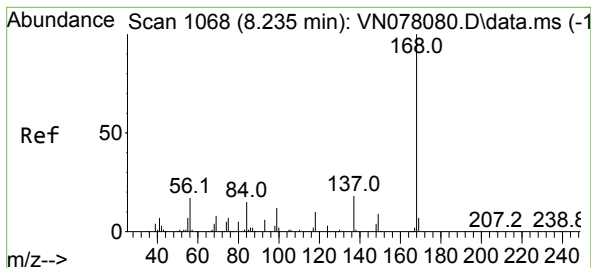
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061523\  
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Quant Title : SW846 8260  
QLast Update : Wed Jun 07 05:05:00 2023  
Response via : Initial Calibration

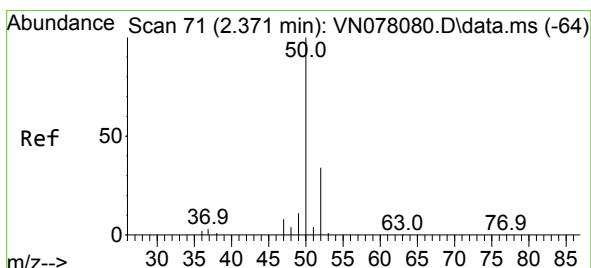
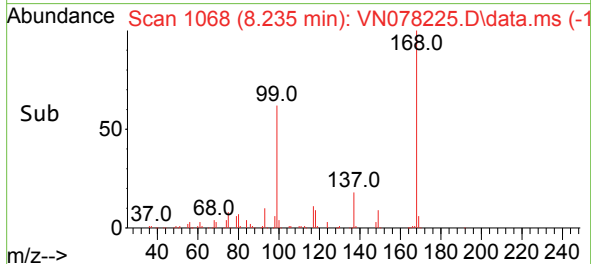
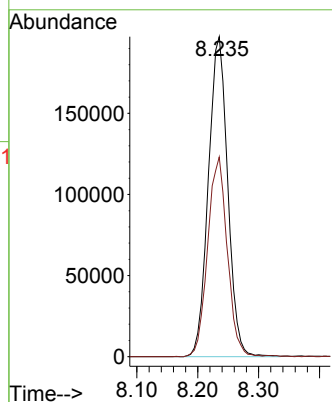
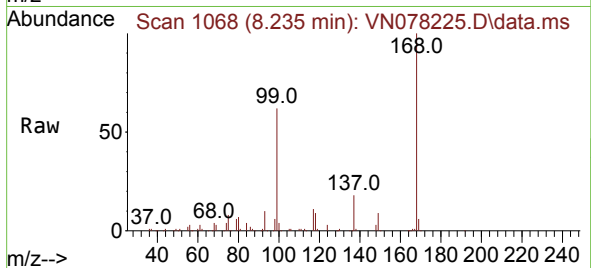




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. 0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

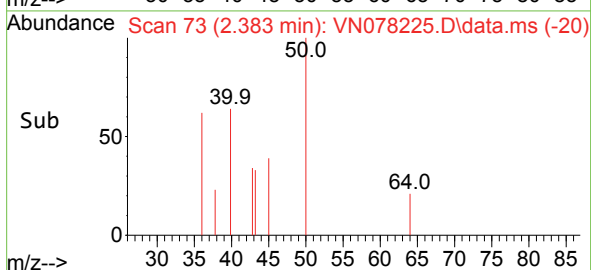
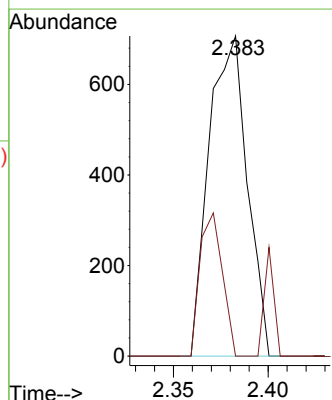
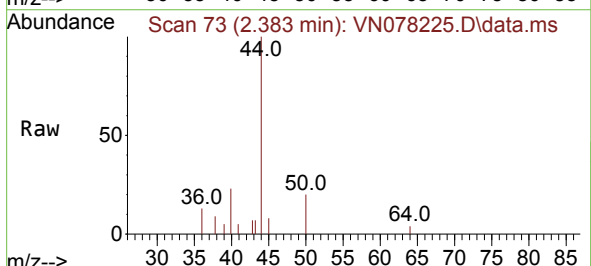
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-1D-06132023DL

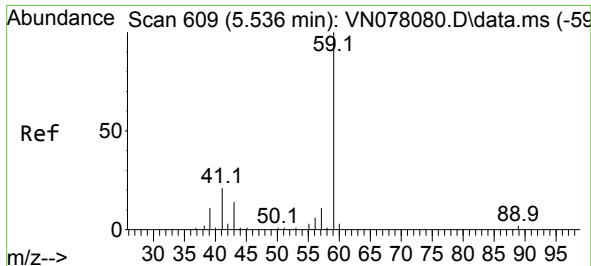
Tgt Ion:168 Resp: 434685  
Ion Ratio Lower Upper  
168 100  
99 62.4 53.0 79.6



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.383 min Scan# 73  
Delta R.T. 0.012 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion: 50 Resp: 990  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.5 39.7#





#11

Tert butyl alcohol

Concen: 0.555 ug/l

RT: 5.541 min Scan# 610

Delta R.T. 0.006 min

Lab File: VN078225.D

Acq: 15 Jun 2023 13:56

Instrument :

MSVOA\_N

ClientSampleId :

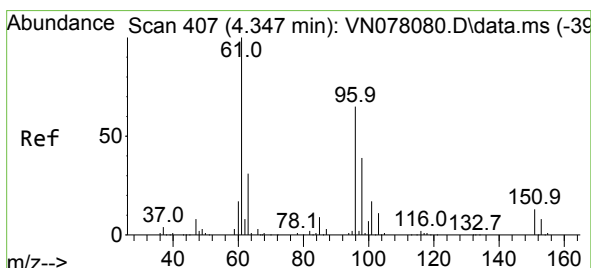
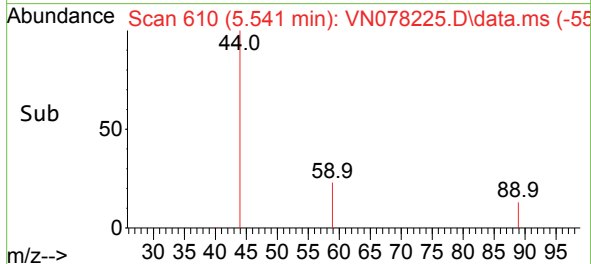
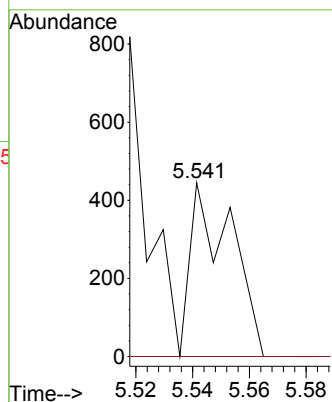
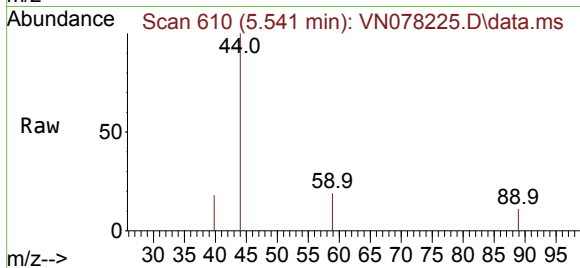
FSND-MW-EVAL-1D-06132023DL

Tgt Ion: 59 Resp: 444

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.217 ug/l

RT: 4.347 min Scan# 407

Delta R.T. -0.000 min

Lab File: VN078225.D

Acq: 15 Jun 2023 13:56

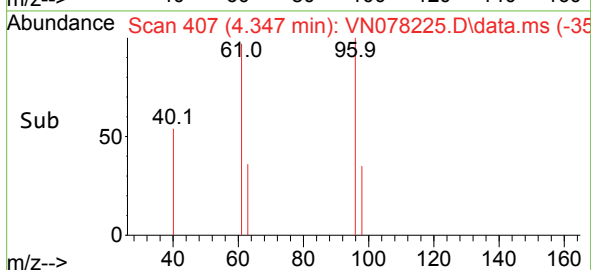
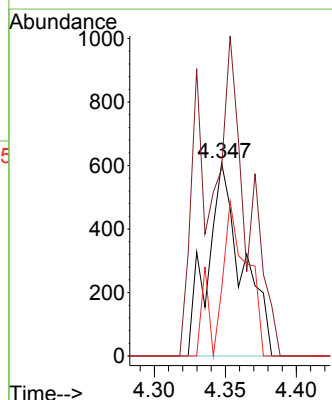
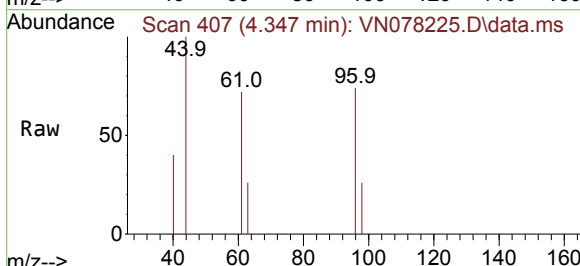
Tgt Ion: 96 Resp: 1032

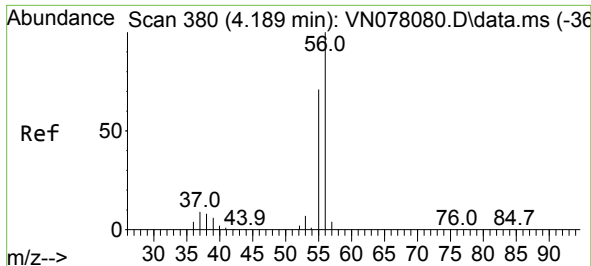
Ion Ratio Lower Upper

96 100

61 96.9 112.7 169.1#

98 34.5 51.2 76.8#

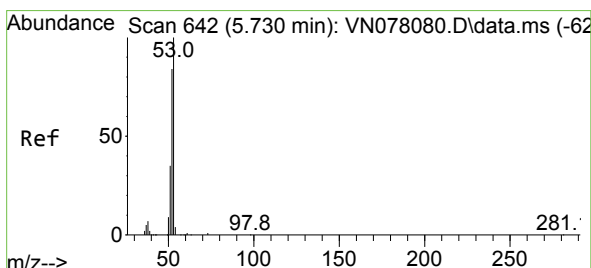
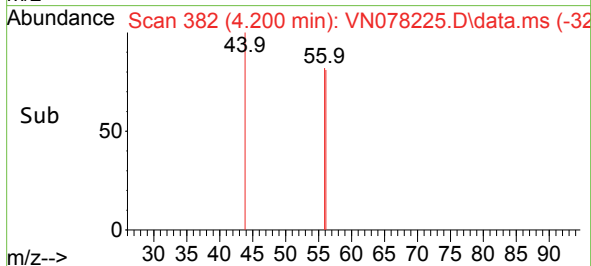
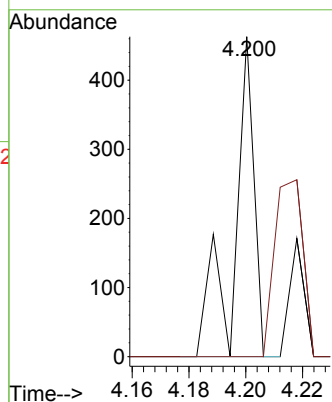
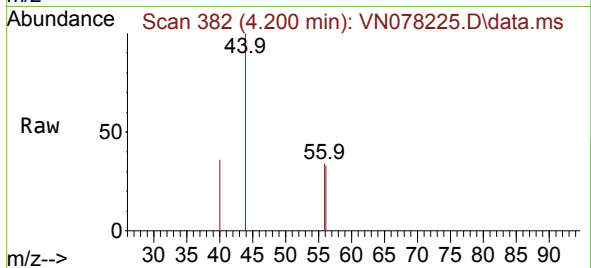




#13  
Acrolein  
Concen: 0.256 ug/l  
RT: 4.200 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

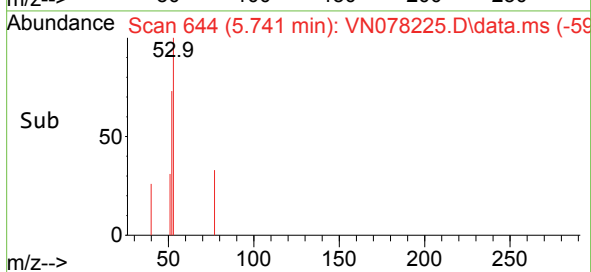
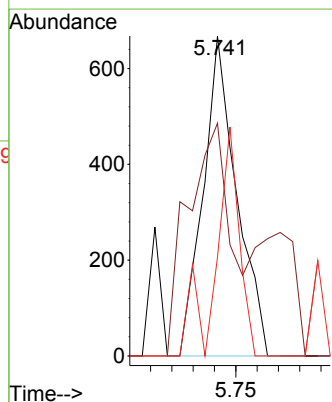
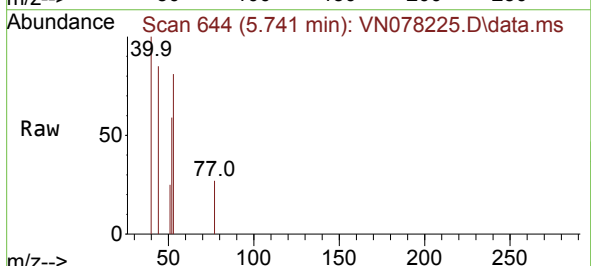
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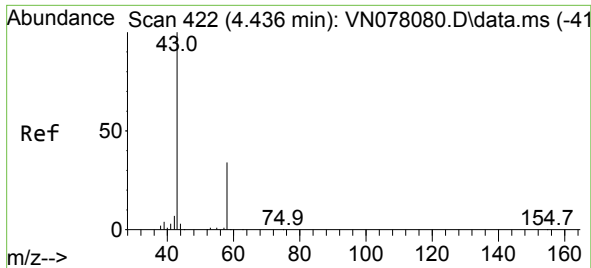
Tgt Ion: 56 Resp: 226  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.5 81.7#



#15  
Acrylonitrile  
Concen: 0.353 ug/l  
RT: 5.741 min Scan# 644  
Delta R.T. 0.012 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion: 53 Resp: 729  
Ion Ratio Lower Upper  
53 100  
52 93.4 65.3 97.9  
51 50.8 28.9 43.3#

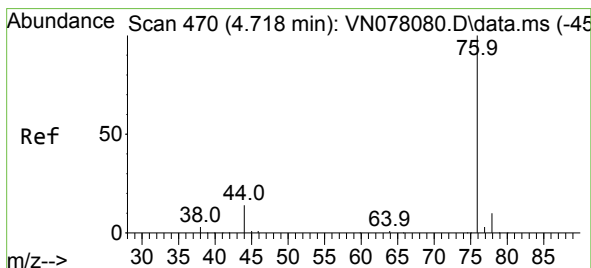
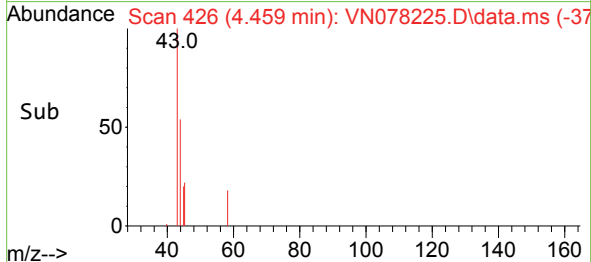
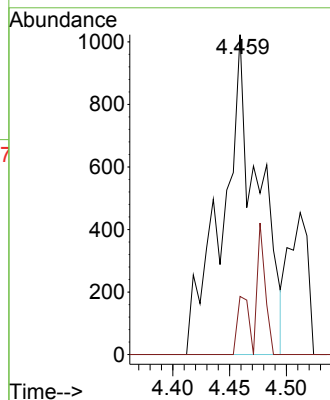
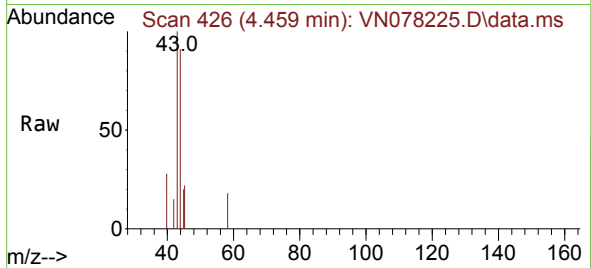




#16  
Acetone  
Concen: 1.357 ug/l  
RT: 4.459 min Scan# 41  
Delta R.T. 0.023 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

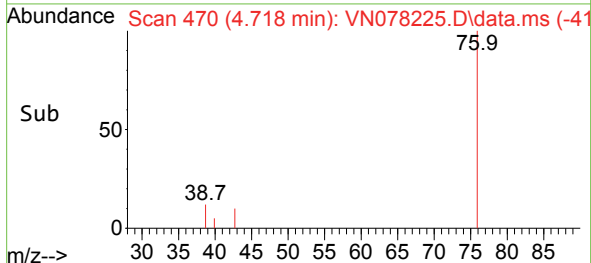
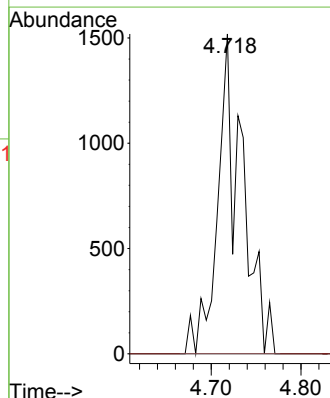
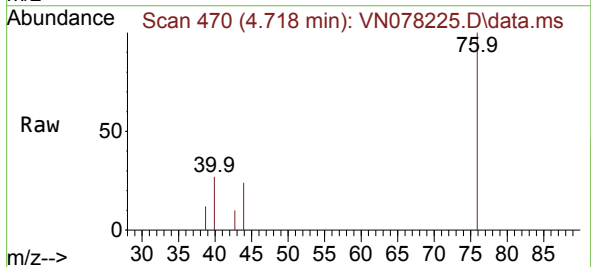
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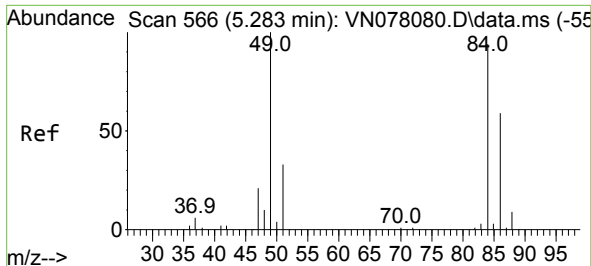
Tgt Ion: 43 Resp: 2263  
Ion Ratio Lower Upper  
43 100  
58 18.2 28.0 42.0#



#17  
Carbon Disulfide  
Concen: 0.236 ug/l  
RT: 4.718 min Scan# 470  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion: 76 Resp: 2887  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#

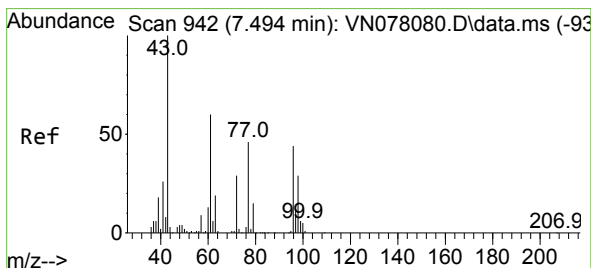
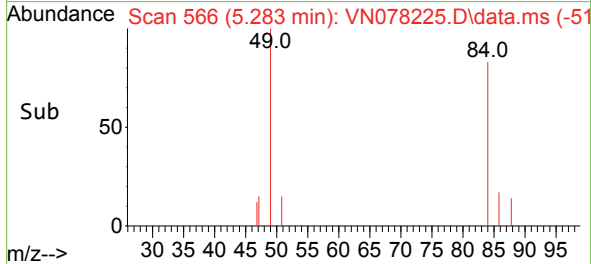
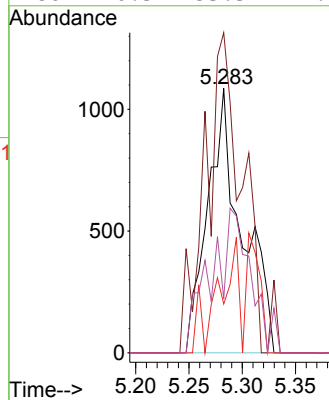
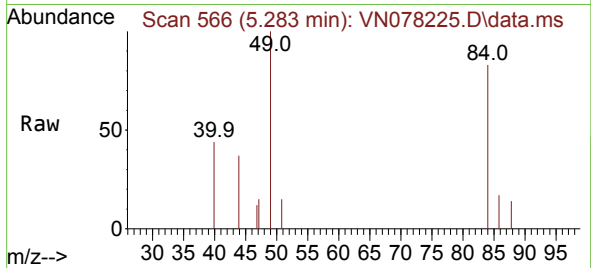




#20  
Methylene Chloride  
Concen: 0.441 ug/l  
RT: 5.283 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

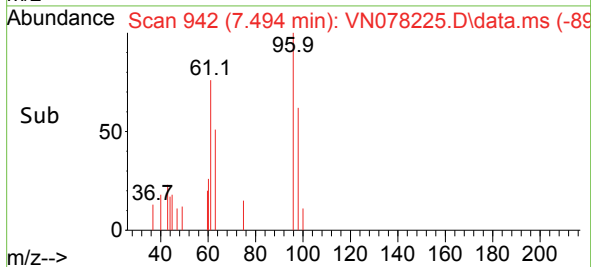
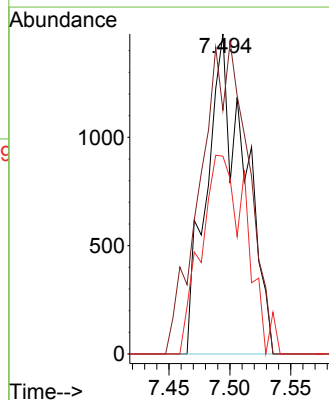
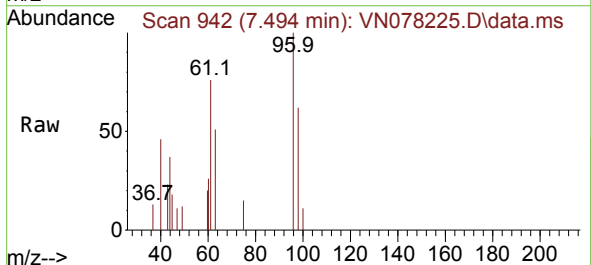
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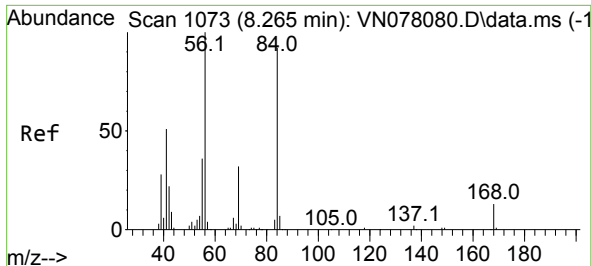
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|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 2432   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 121.1 | 79.7  | 119.5# |
| 51       | 18.4  | 25.2  | 37.8#  |
| 86       | 20.3  | 53.3  | 79.9#  |



#27  
cis-1,2-Dichloroethene  
Concen: 0.525 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 3207  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 122.4 | 0.0   | 255.2 |
| 98       | 74.0  | 0.0   | 128.8 |

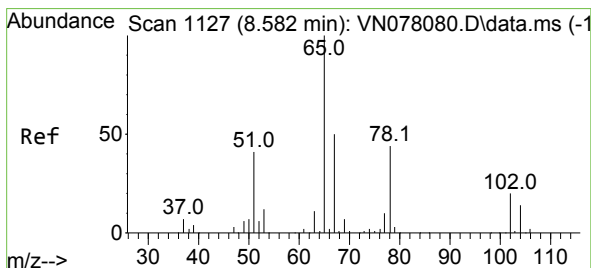
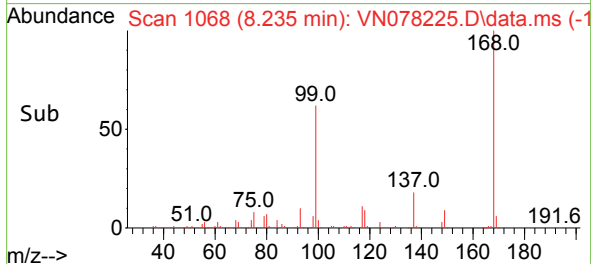
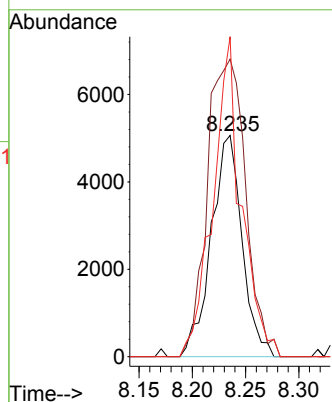
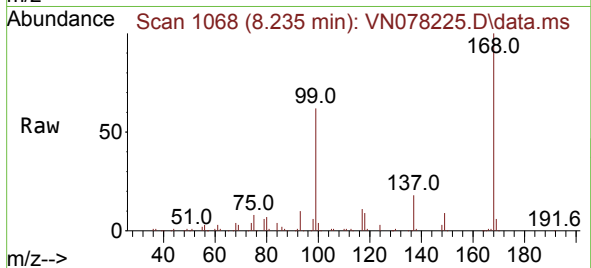




#31  
Cyclohexane  
Concen: 1.369 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.029 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

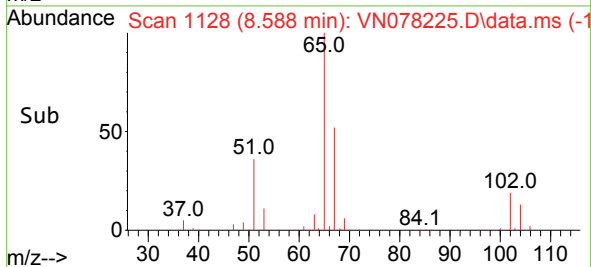
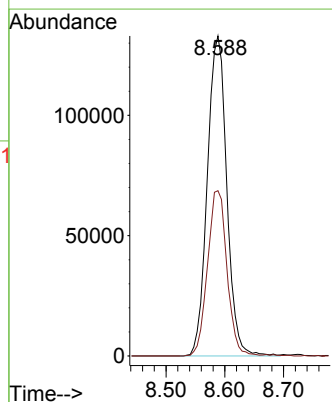
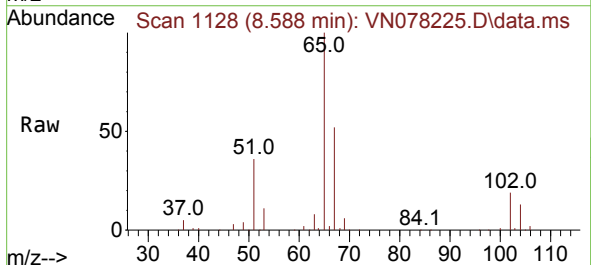
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MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-1D-06132023DL

Tgt Ion: 56 Resp: 10181  
Ion Ratio Lower Upper  
56 100  
69 134.5 26.8 40.2#  
84 144.6 81.8 122.6#

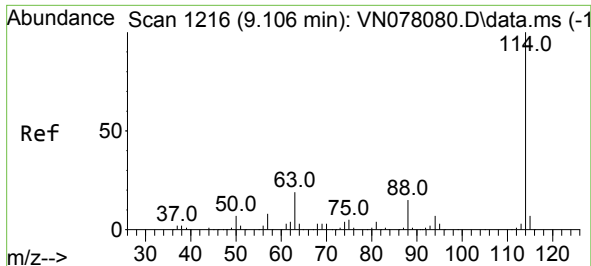


#33  
1,2-Dichloroethane-d4  
Concen: 52.744 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. 0.006 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion: 65 Resp: 305685  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 106.6







#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078225.D

Acq: 15 Jun 2023 13:56

Instrument :

MSVOA\_N

ClientSampleId :

FSND-MW-EVAL-1D-06132023DL

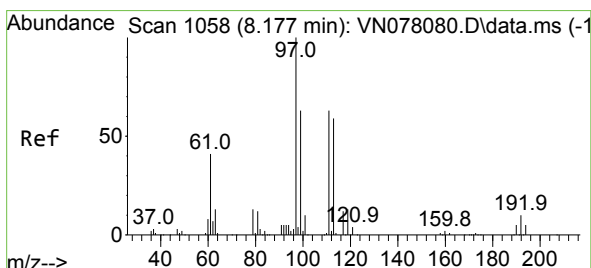
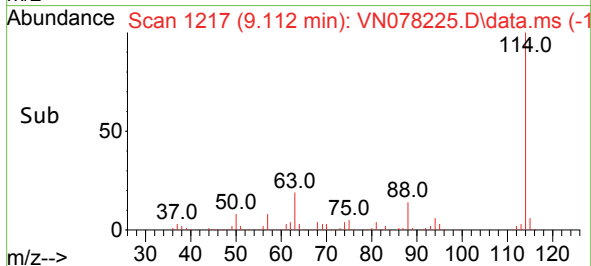
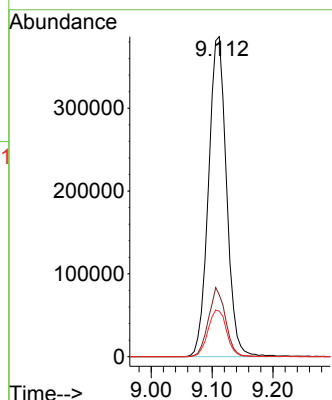
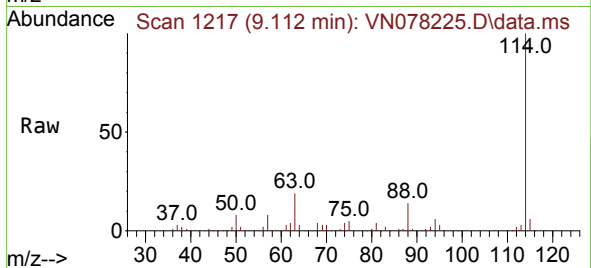
Tgt Ion:114 Resp: 795391

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.608 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078225.D

Acq: 15 Jun 2023 13:56

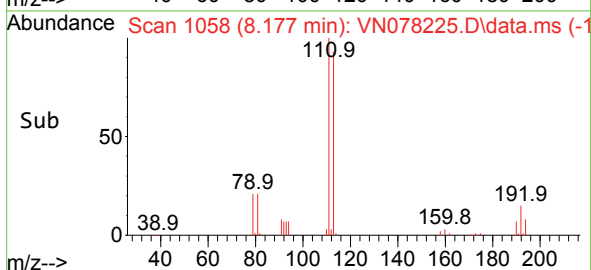
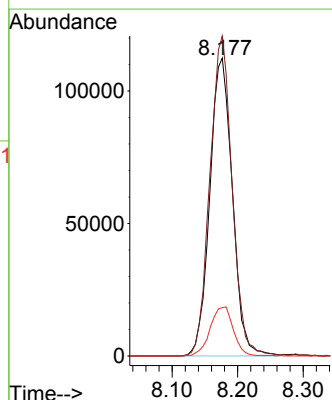
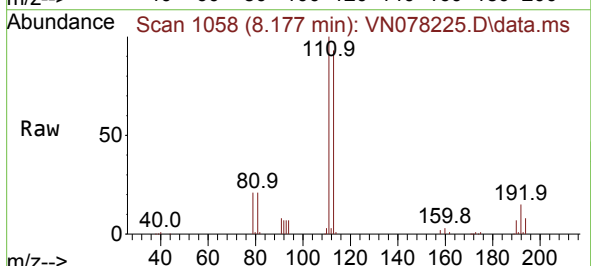
Tgt Ion:113 Resp: 269604

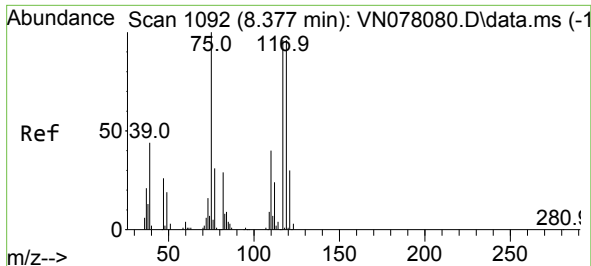
Ion Ratio Lower Upper

113 100

111 105.8 82.6 123.8

192 17.0 12.7 19.1

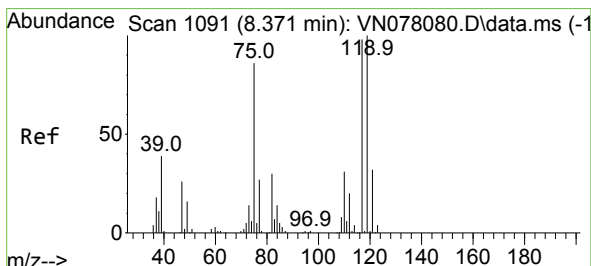
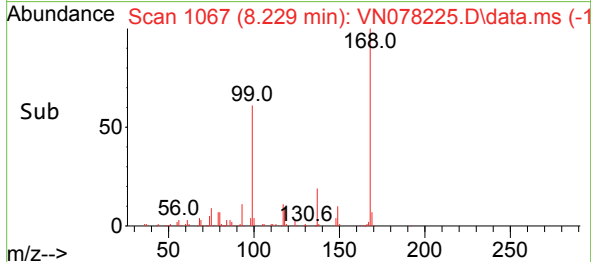
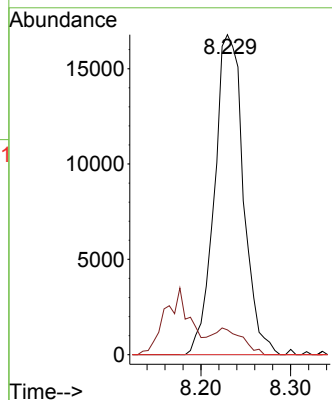
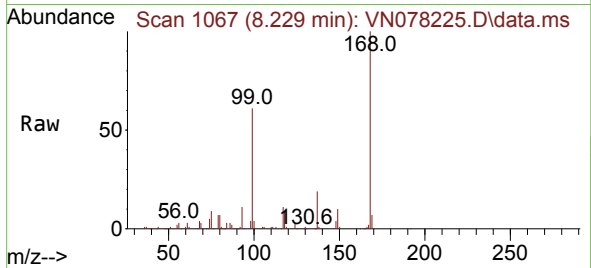




#36  
1,1-Dichloropropene  
Concen: 5.225 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. -0.147 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

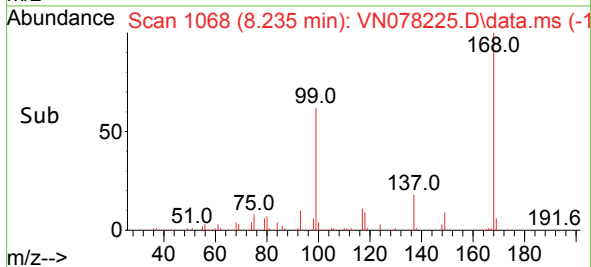
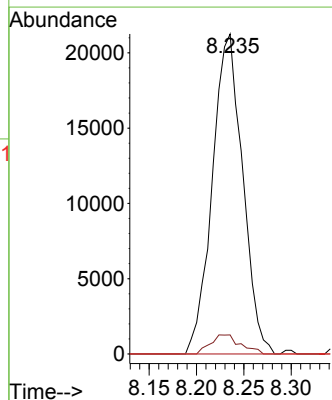
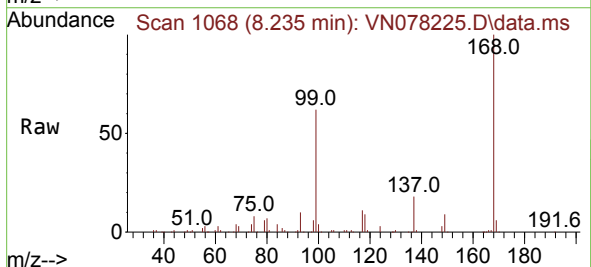
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MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-1D-06132023DL

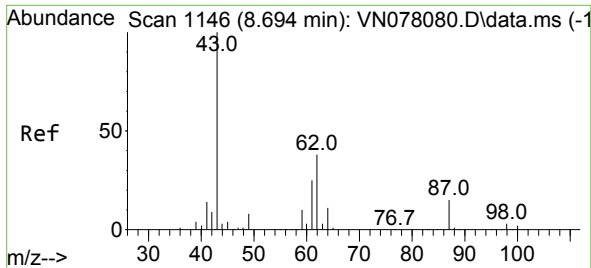
Tgt Ion: 75 Resp: 37689  
Ion Ratio Lower Upper  
75 100  
110 8.4 19.1 57.3#  
77 0.0 25.0 37.4#



#38  
Carbon Tetrachloride  
Concen: 6.210 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.135 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion: 117 Resp: 47298  
Ion Ratio Lower Upper  
117 100  
119 5.9 77.3 115.9#  
121 0.0 23.3 34.9#

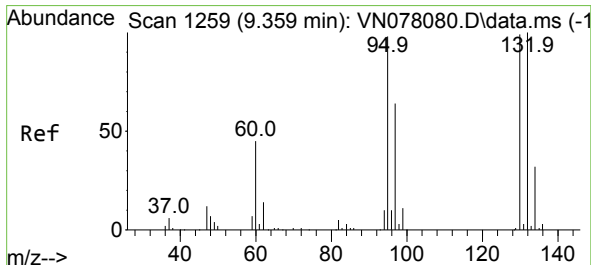
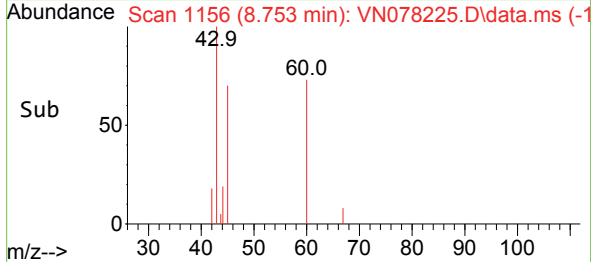
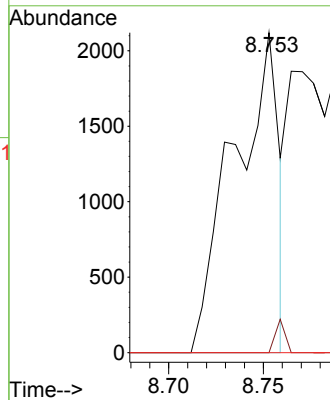
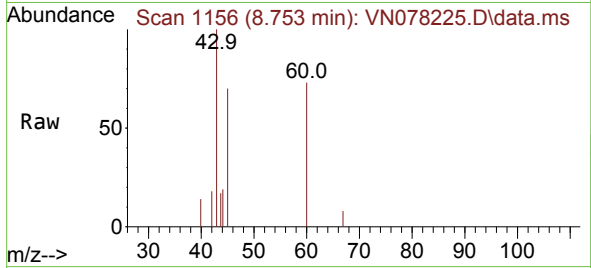




#43  
Isopropyl Acetate  
Concen: 0.327 ug/l  
RT: 8.753 min Scan# 1156  
Delta R.T. 0.059 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

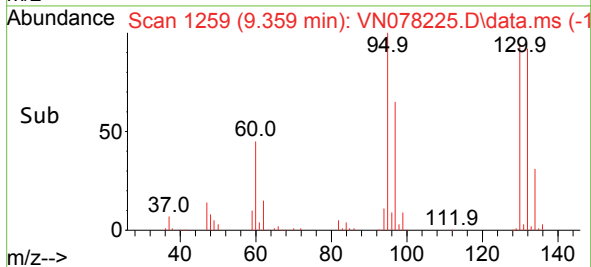
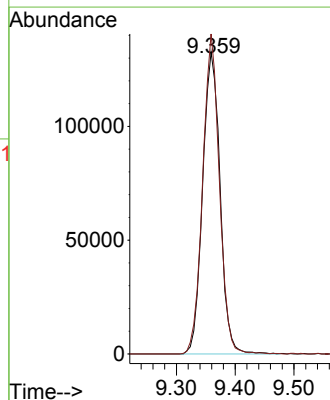
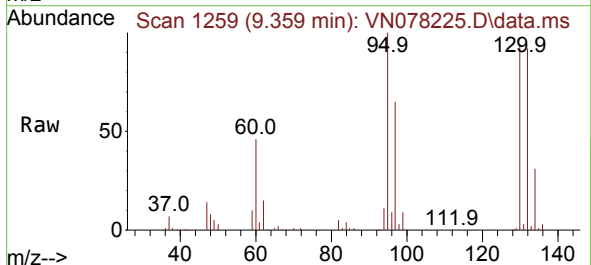
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-1D-06132023DL

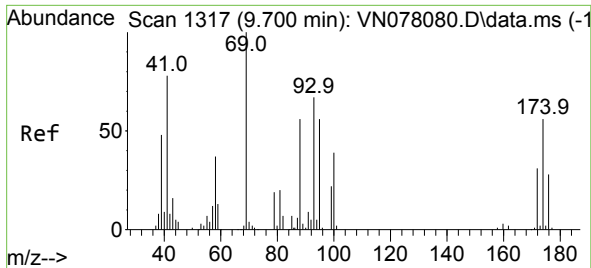
Tgt Ion: 43 Resp: 3529  
Ion Ratio Lower Upper  
43 100  
61 0.0 24.7 37.1#  
87 0.0 14.6 21.8#



#44  
Trichloroethene  
Concen: 47.995 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion:130 Resp: 272969  
Ion Ratio Lower Upper  
130 100  
95 106.0 0.0 204.6





#49

1,4-Dioxane

Concen: 0.600 ug/l

RT: 9.718 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN078225.D

Acq: 15 Jun 2023 13:56

Instrument :

MSVOA\_N

ClientSampleId :

FSND-MW-EVAL-1D-06132023DL

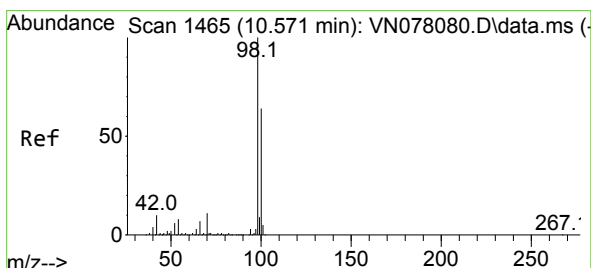
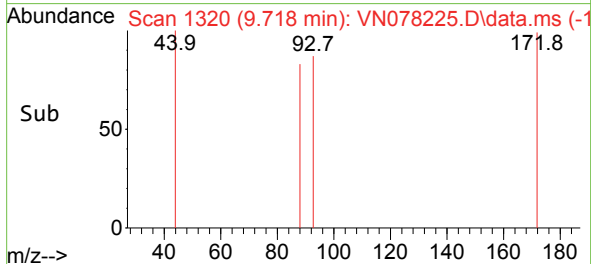
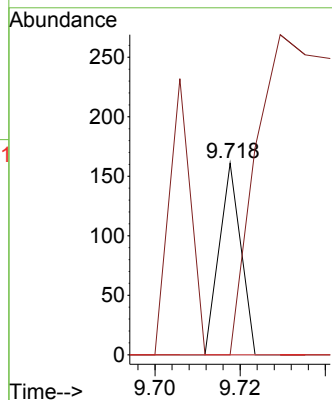
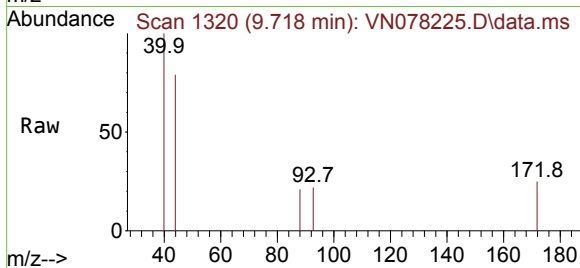
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

43 584.2 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 48.949 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078225.D

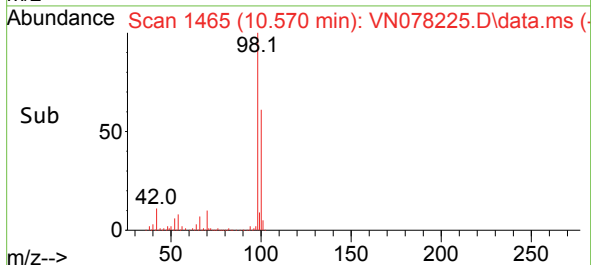
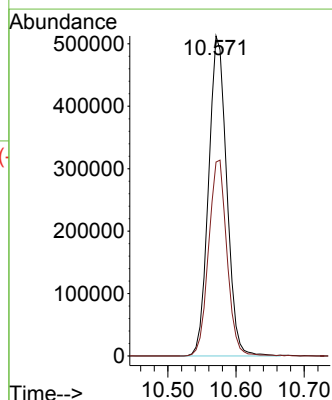
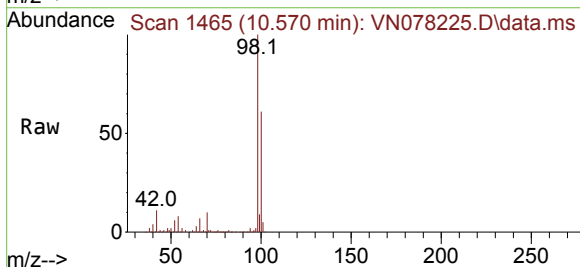
Acq: 15 Jun 2023 13:56

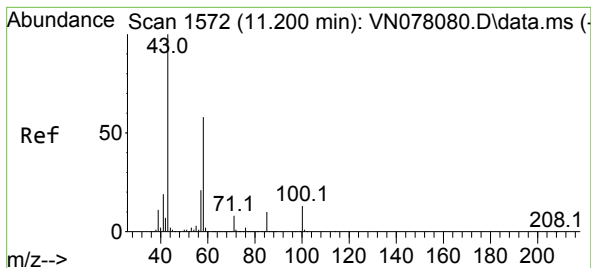
Tgt Ion: 98 Resp: 949012

Ion Ratio Lower Upper

98 100

100 61.9 52.0 78.0

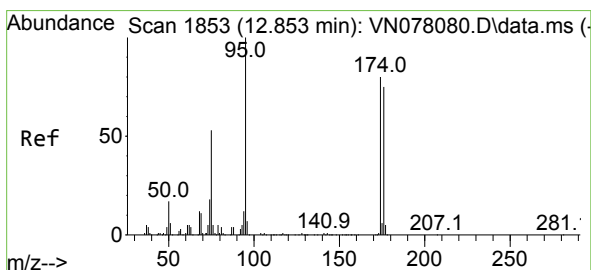
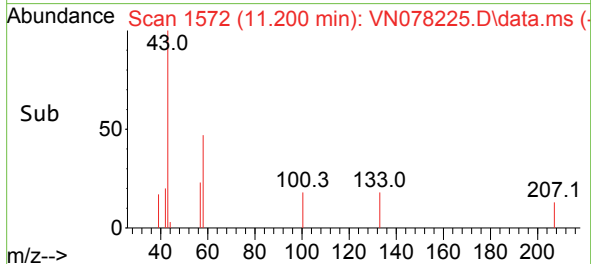
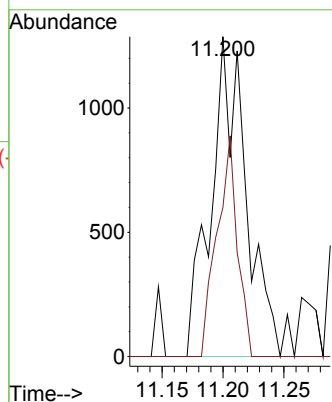
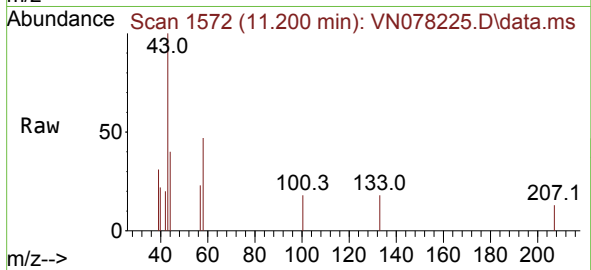




#59  
2-Hexanone  
Concen: 0.654 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

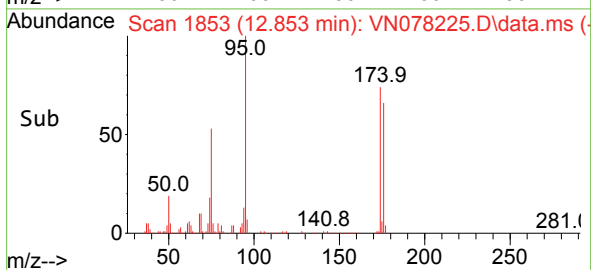
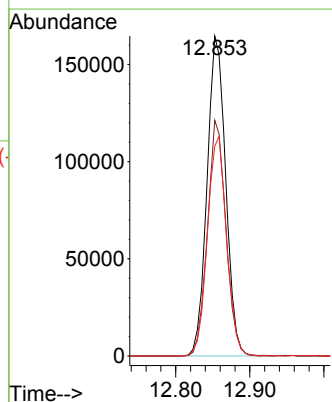
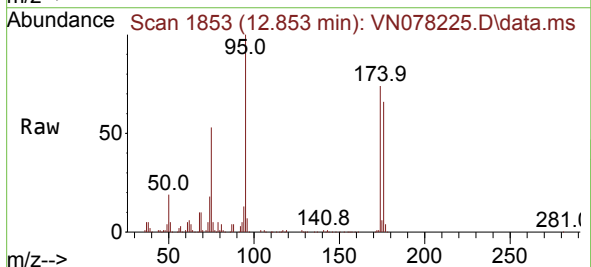
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-1D-06132023DL

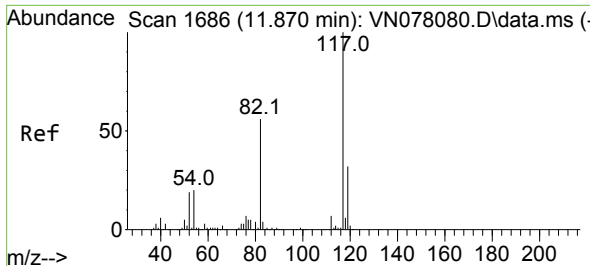
Tgt Ion: 43 Resp: 2586  
Ion Ratio Lower Upper  
43 100  
58 40.0 31.7 95.1



#62  
4-Bromofluorobenzene  
Concen: 47.712 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion: 95 Resp: 287570  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 143.8  
176 70.2 0.0 135.8

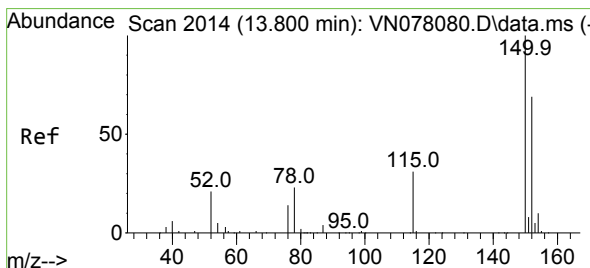
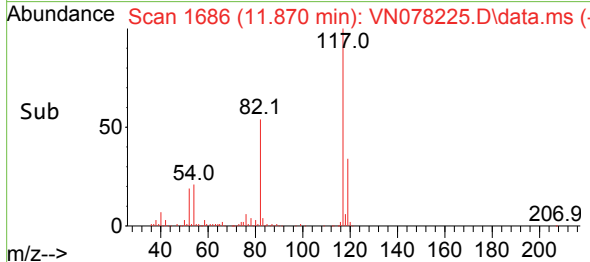
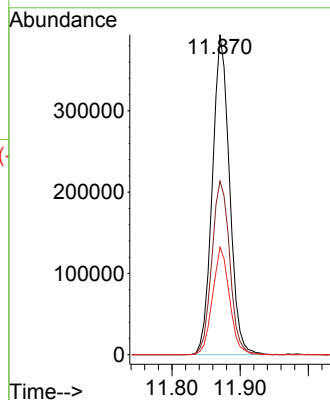
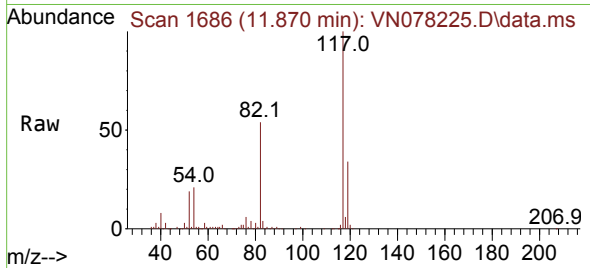




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

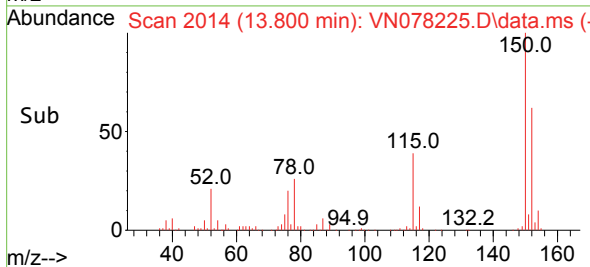
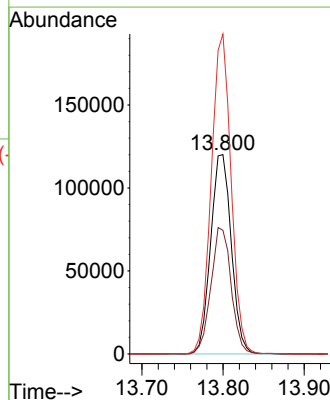
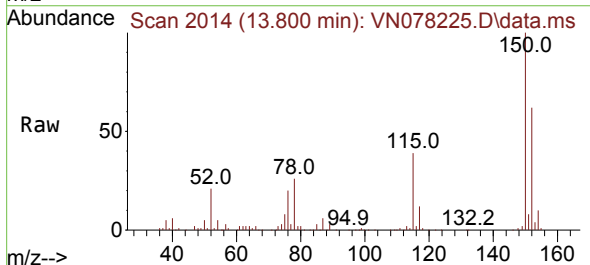
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-1D-06132023DL

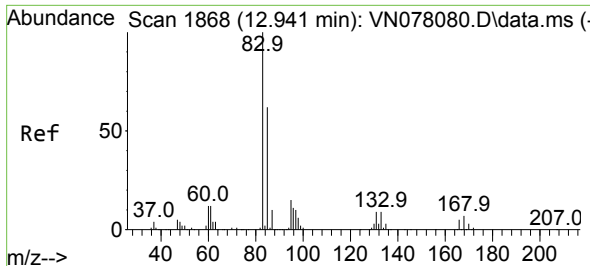
Tgt Ion:117 Resp: 689950  
Ion Ratio Lower Upper  
117 100  
82 54.2 44.0 66.0  
119 33.6 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion:152 Resp: 212334  
Ion Ratio Lower Upper  
152 100  
115 62.0 32.3 96.8  
150 153.9 0.0 355.8

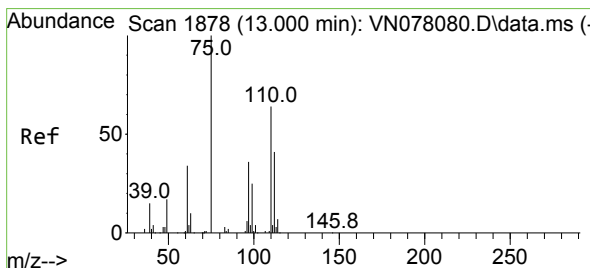
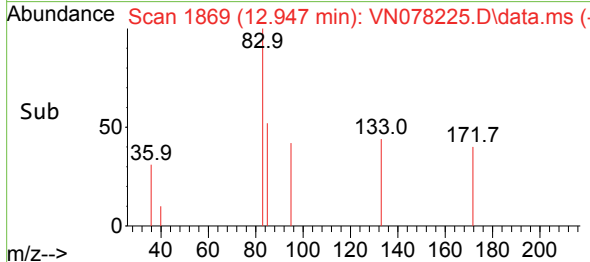
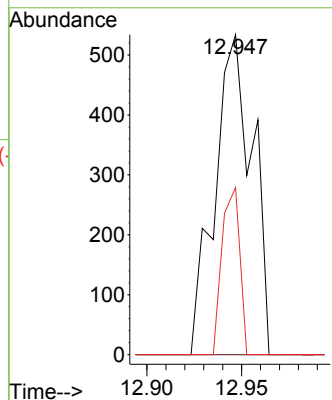
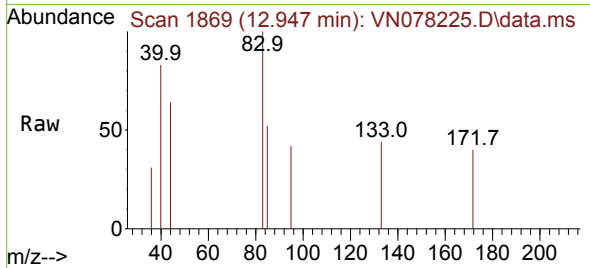




#75  
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 12.947 min Scan# 1868  
Delta R.T. 0.006 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

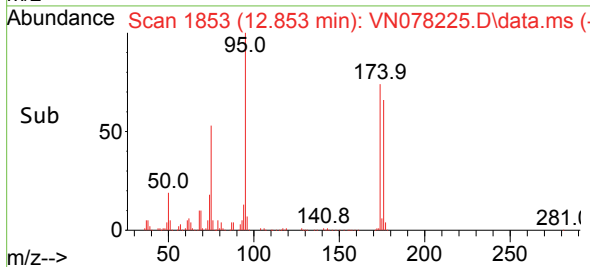
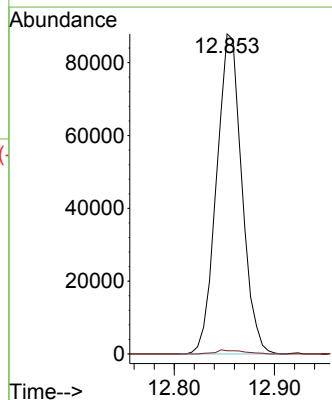
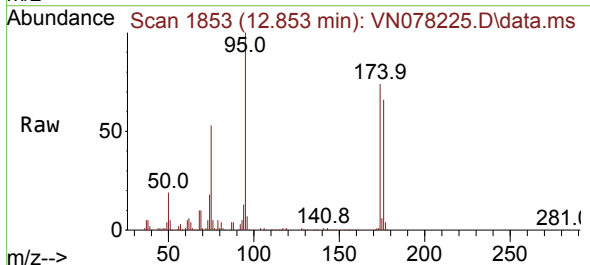
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ClientSampleId : FSND-MW-EVAL-1D-06132023DL

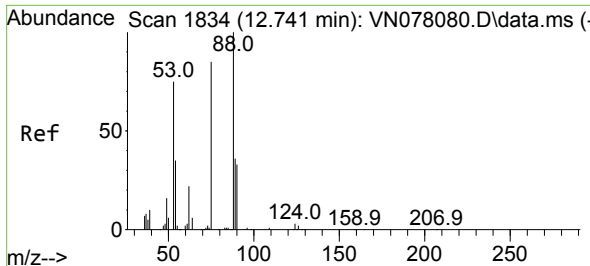
Tgt Ion: 83 Resp: 741  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.0 15.0#  
85 24.6 31.9 95.7#



#76  
1,2,3-Trichloropropane  
Concen: 30.644 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.147 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion: 75 Resp: 153823  
Ion Ratio Lower Upper  
75 100  
77 1.4 84.5 253.5#

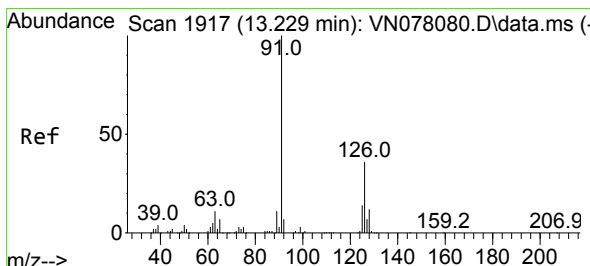
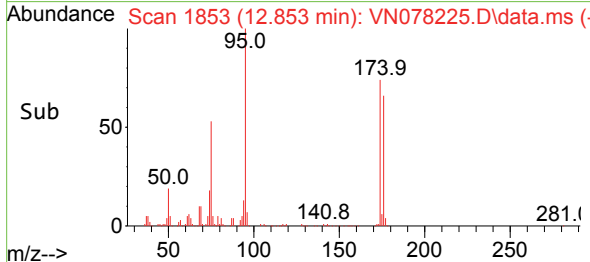
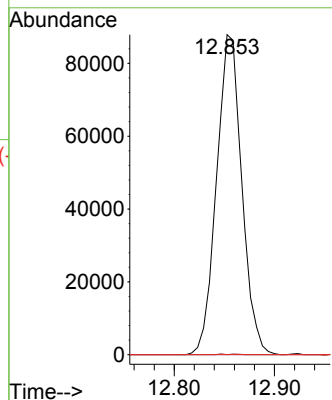
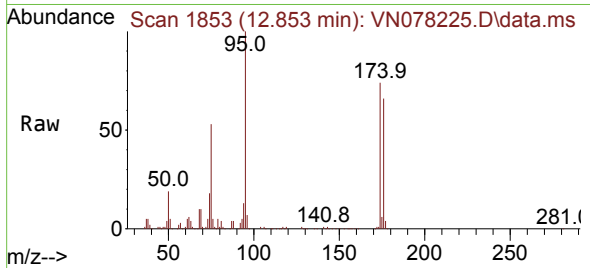




#81  
trans-1,4-Dichloro-2-butene  
Concen: 94.148 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.112 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

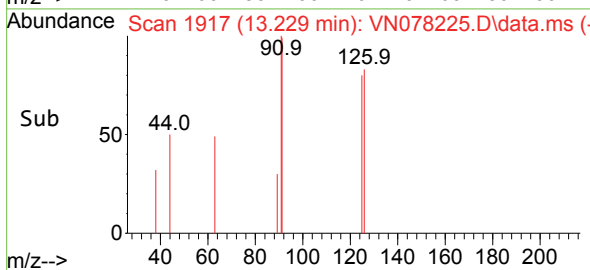
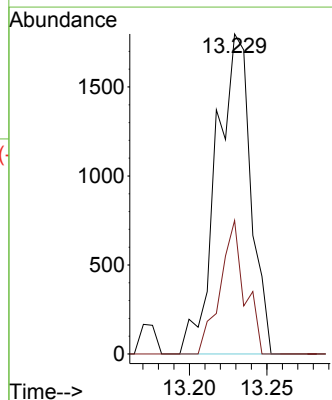
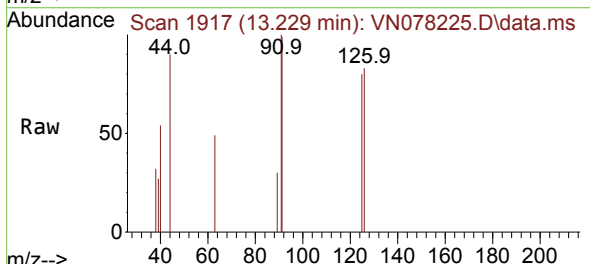
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-1D-06132023DL

Tgt Ion: 75 Resp: 153823  
Ion Ratio Lower Upper  
75 100  
53 0.1 67.4 101.2#  
89 0.0 38.8 58.2#

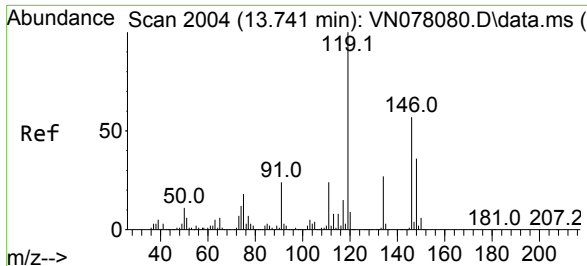


#82  
4-Chlorotoluene  
Concen: 0.212 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion: 91 Resp: 2781  
Ion Ratio Lower Upper  
91 100  
126 29.6 16.7 50.0



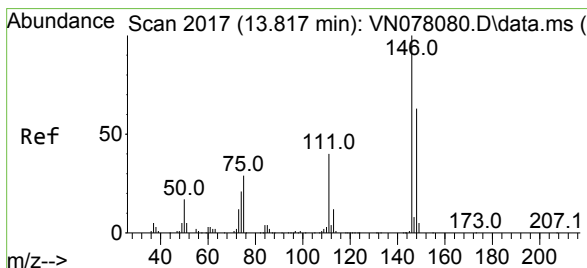
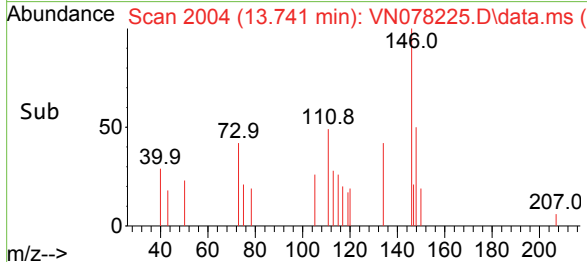
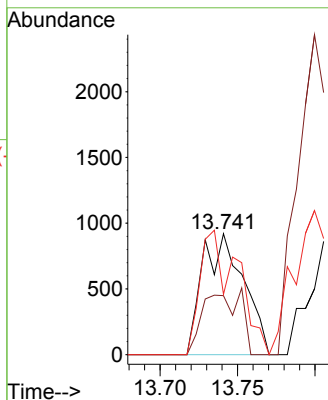
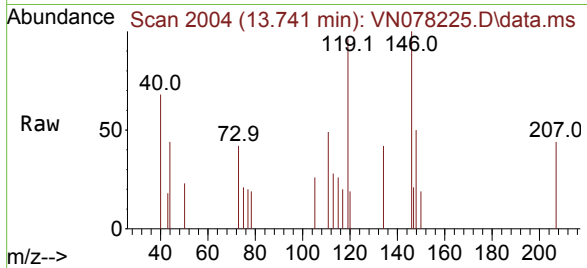




#87  
1,3-Dichlorobenzene  
Concen: 0.215 ug/l  
RT: 13.741 min Scan# 2004  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

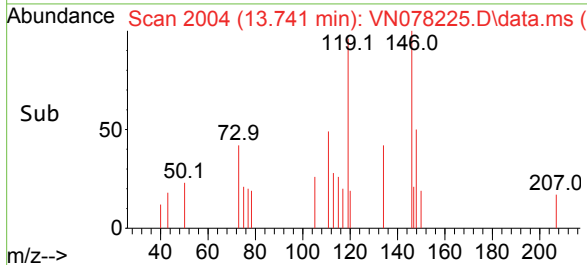
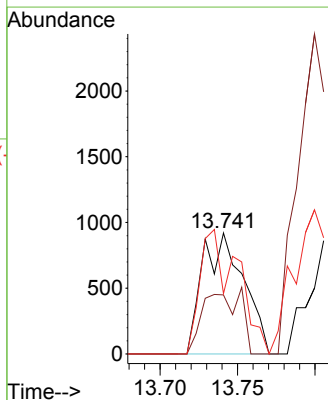
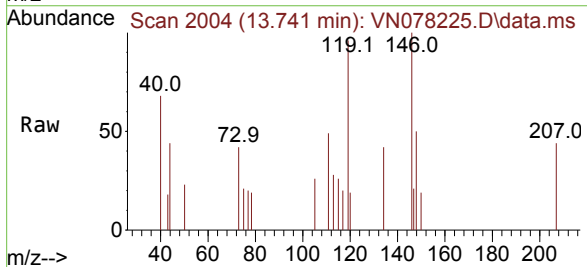
Instrument : MSVOA\_N  
ClientSampleId : FSND-MW-EVAL-1D-06132023DL

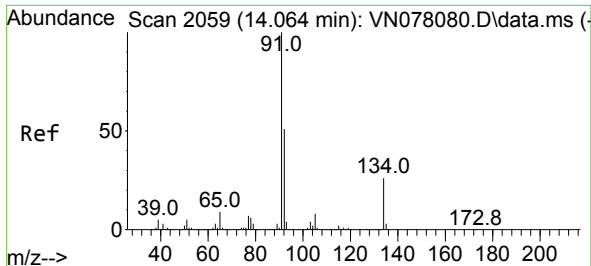
Tgt Ion:146 Resp: 1695  
Ion Ratio Lower Upper  
146 100  
111 47.7 22.1 66.3  
148 93.7 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 0.223 ug/l  
RT: 13.741 min Scan# 2004  
Delta R.T. -0.077 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion:146 Resp: 1695  
Ion Ratio Lower Upper  
146 100  
111 47.7 20.6 61.8  
148 93.7 31.6 94.8

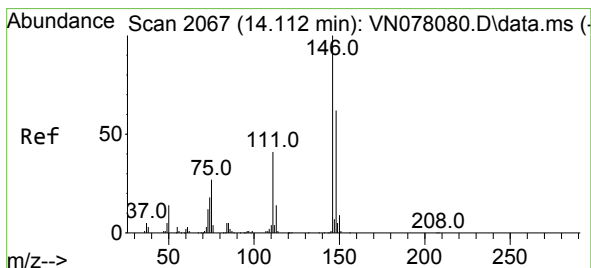
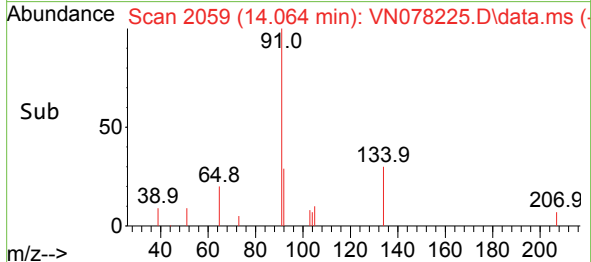
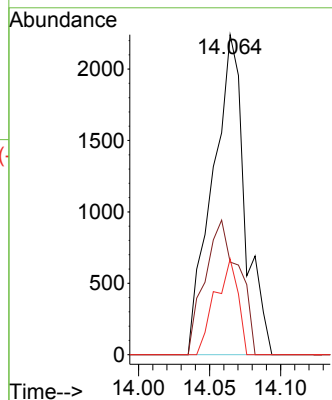
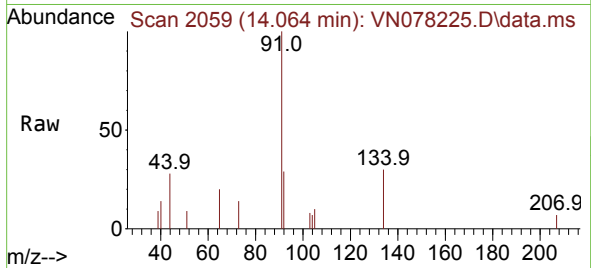




#89  
n-Butylbenzene  
Concen: 0.300 ug/l  
RT: 14.064 min Scan# 2059  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

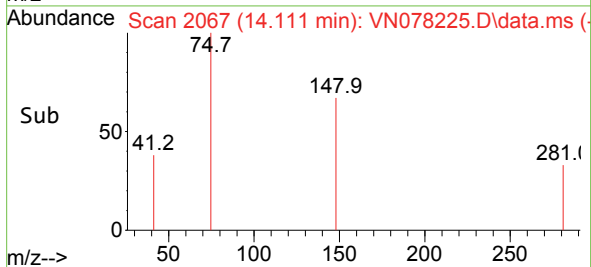
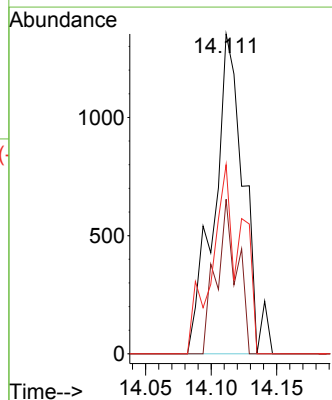
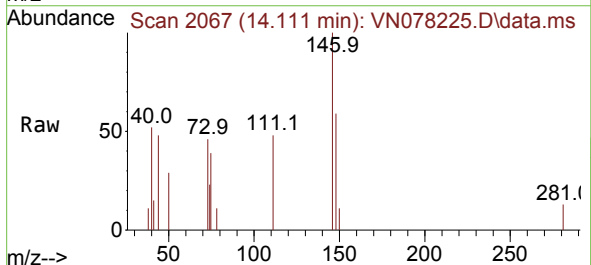
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-1D-06132023DL

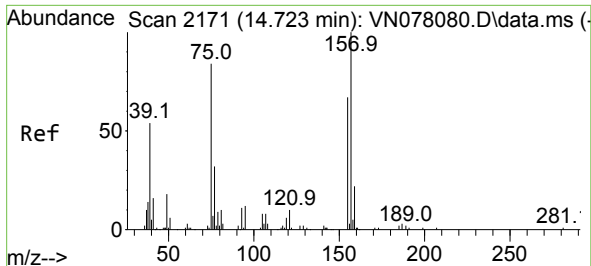
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 3546  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 44.0  | 26.4  | 79.0  |
| 134      | 21.1  | 12.6  | 37.6  |



#91  
1,2-Dichlorobenzene  
Concen: 0.277 ug/l  
RT: 14.111 min Scan# 2067  
Delta R.T. -0.000 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 2134  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 33.8  | 22.0  | 66.0  |
| 148      | 59.5  | 31.8  | 95.3  |

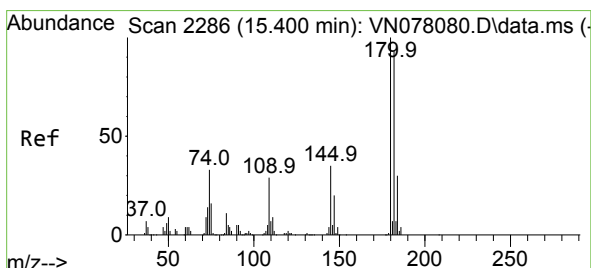
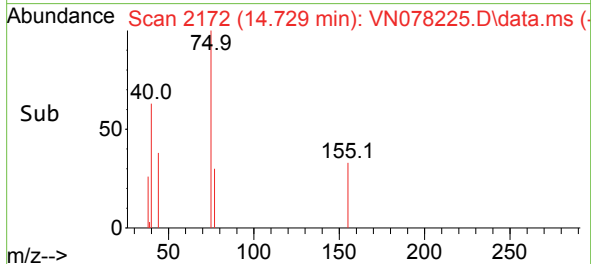
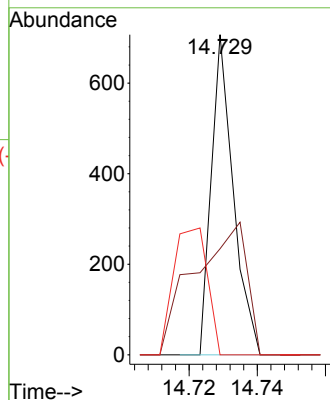
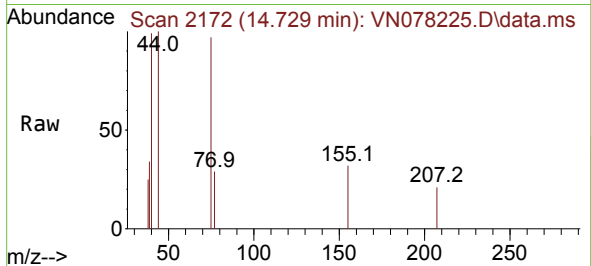




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.318 ug/l  
RT: 14.729 min Scan# 2171  
Delta R.T. 0.006 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

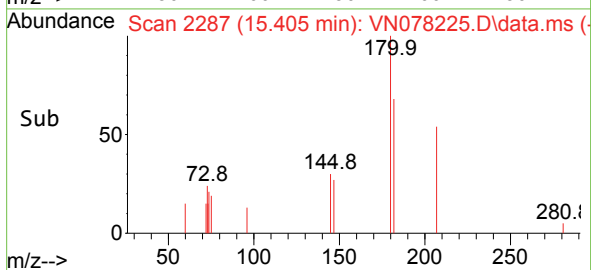
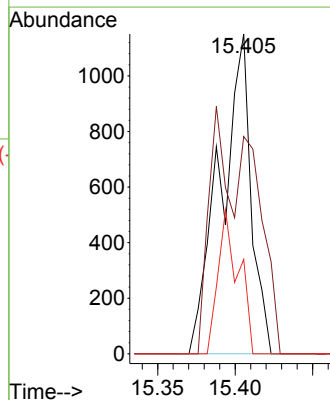
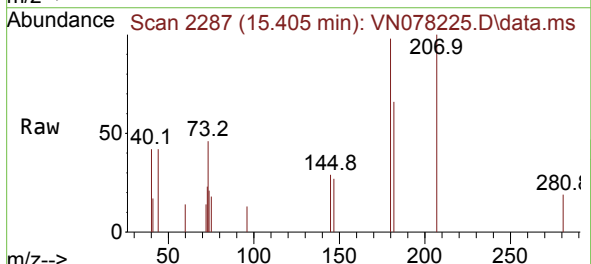
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-1D-06132023DL

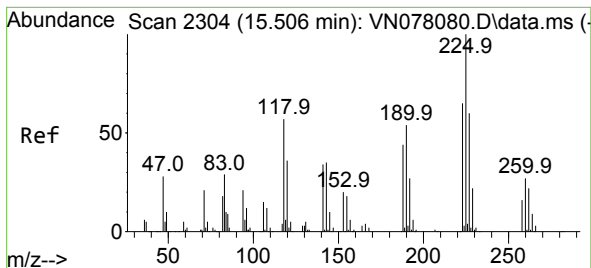
Tgt Ion: 75 Resp: 316  
Ion Ratio Lower Upper  
75 100  
155 98.7 39.1 117.2  
157 61.1 50.3 150.9



#93  
1,2,4-Trichlorobenzene  
Concen: 0.575 ug/l  
RT: 15.405 min Scan# 2287  
Delta R.T. 0.006 min  
Lab File: VN078225.D  
Acq: 15 Jun 2023 13:56

Tgt Ion: 180 Resp: 1579  
Ion Ratio Lower Upper  
180 100  
182 52.1 46.1 138.2  
145 0.0 16.6 49.8#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.511 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN078225.D

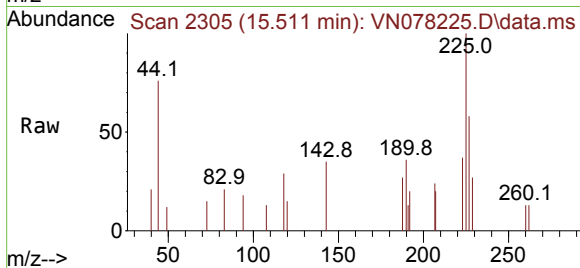
Acq: 15 Jun 2023 13:56

Instrument :

MSVOA\_N

ClientSampleId :

FSND-MW-EVAL-1D-06132023DL



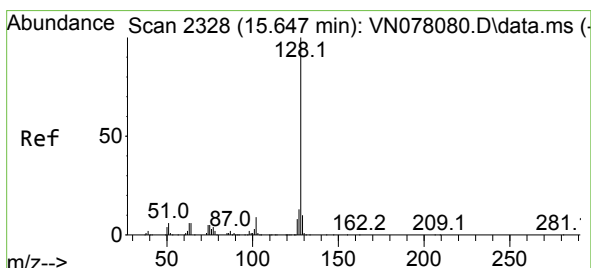
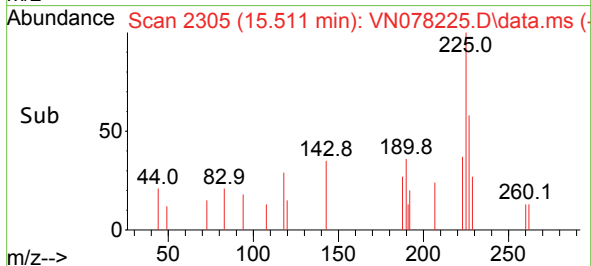
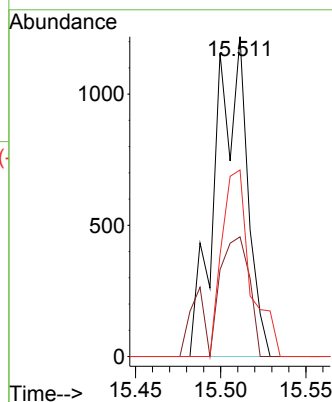
Tgt Ion:225 Resp: 1574

Ion Ratio Lower Upper

225 100

223 43.8 31.3 93.8

227 53.1 31.9 95.9



#95

Naphthalene

Concen: 0.678 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078225.D

Acq: 15 Jun 2023 13:56

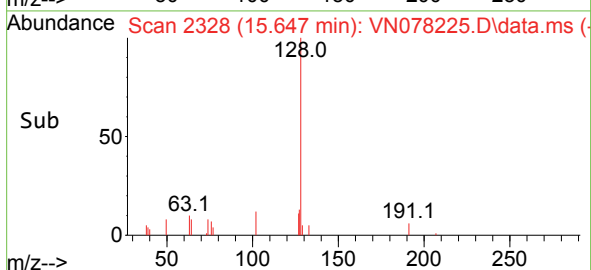
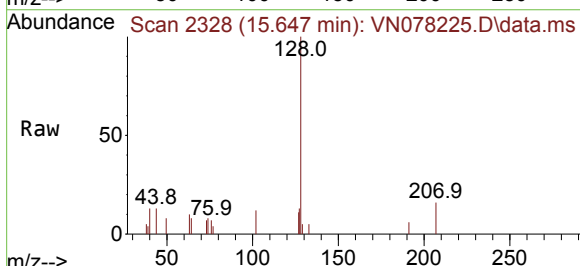
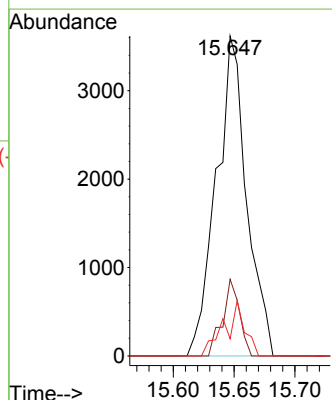
Tgt Ion:128 Resp: 6263

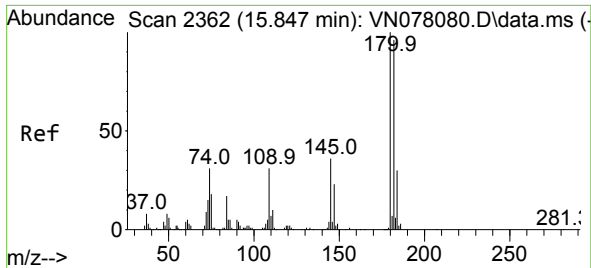
Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

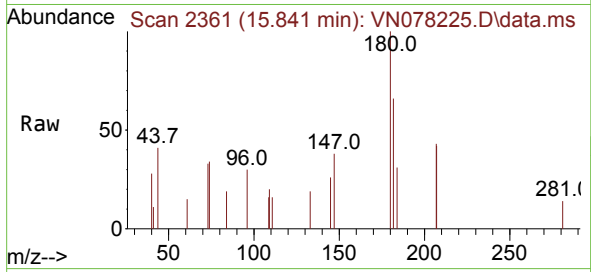
129 11.7 8.7 13.1





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.799 ug/l  
 RT: 15.841 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN078225.D  
 Acq: 15 Jun 2023 13:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FSND-MW-EVAL-1D-06132023DL



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2453  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 91.5  | 46.2  | 138.6 |
| 145      | 41.0  | 17.5  | 52.6  |

