

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061523\  
 Data File : VN078240.D  
 Acq On : 15 Jun 2023 19:58  
 Operator : JC\MD  
 Sample : 03231-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FSND-MW-EVAL-4S-06122023

Quant Time: Jun 16 06:12:21 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

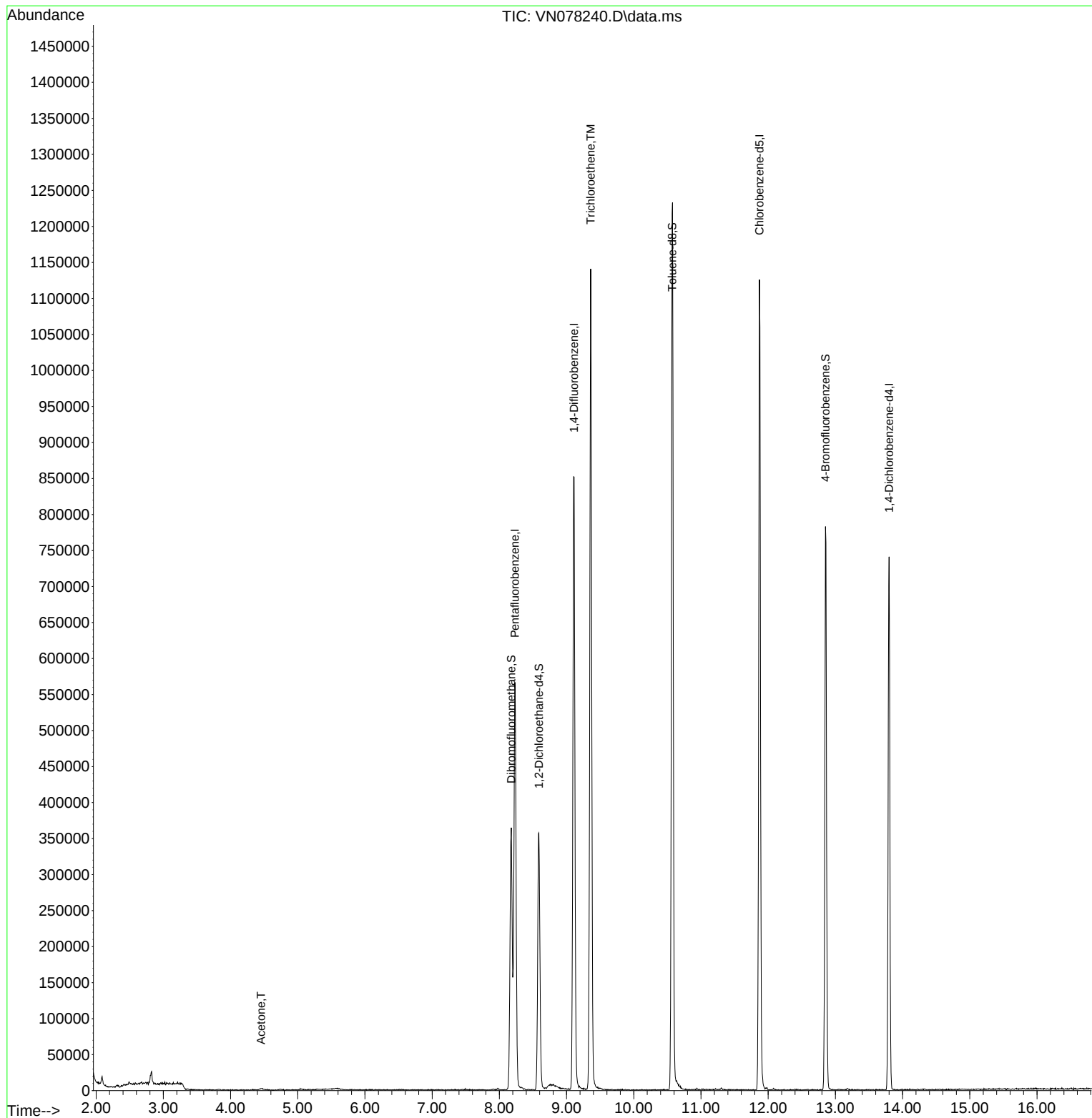
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 8.230          | 168  | 405059              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.112          | 114  | 759317              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.871         | 117  | 675792              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.800         | 152  | 201164              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.588          | 65   | 296935              | 54.981 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 109.960% |        |       |          |
| 35) Dibromofluoromethane    | 8.177          | 113  | 260274              | 54.212 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 108.420% |        |       |          |
| 50) Toluene-d8              | 10.571         | 98   | 904304              | 48.859 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 97.720%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 269966              | 46.919 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 93.840%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 4.453          | 43   | 2669                | 1.717  | ug/l  | 95       |
| 44) Trichloroethene         | 9.359          | 130  | 390377              | 71.900 | ug/l  | 99       |
| -----                       |                |      |                     |        |       |          |

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

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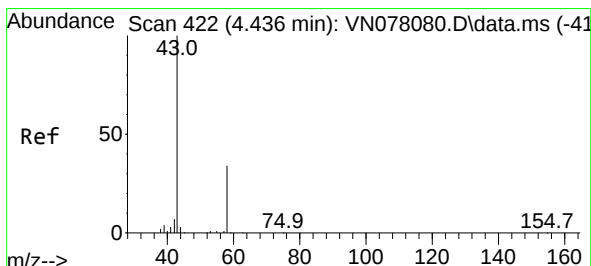
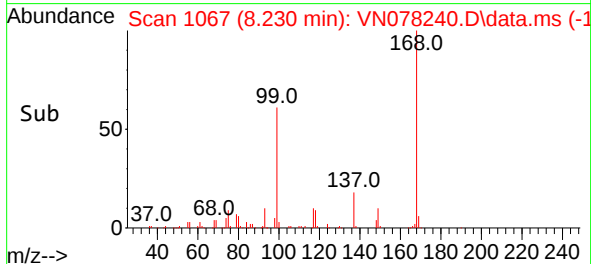
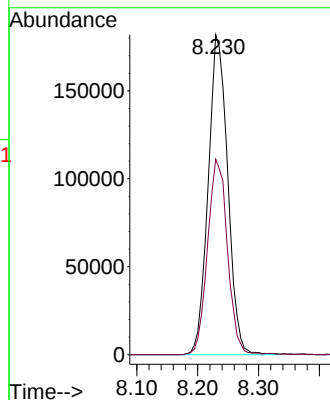
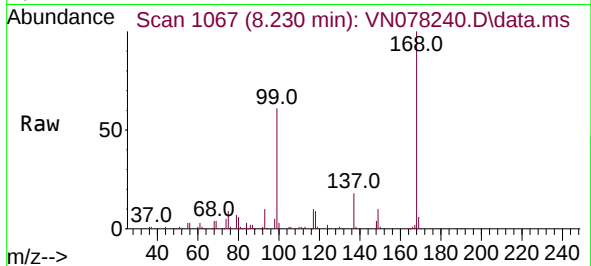




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1068  
Delta R.T. -0.005 min  
Lab File: VN078240.D  
Acq: 15 Jun 2023 19:58

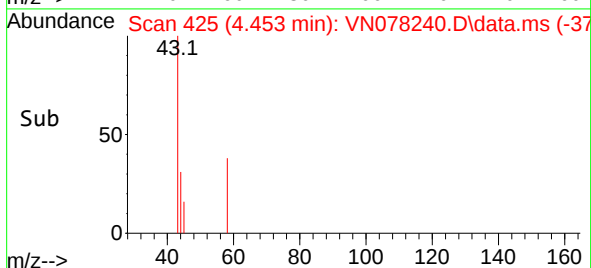
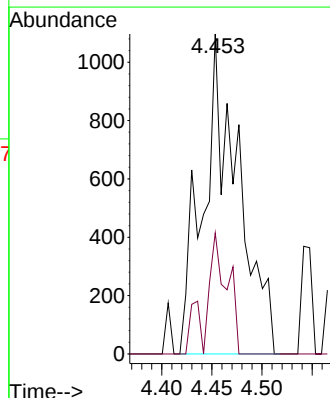
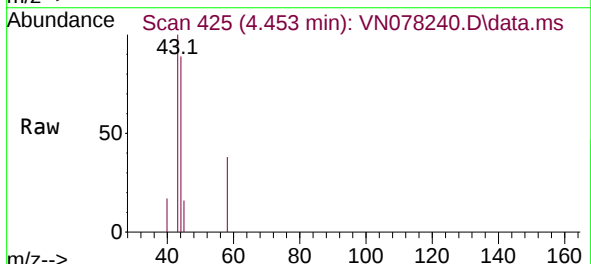
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-4S-06122023

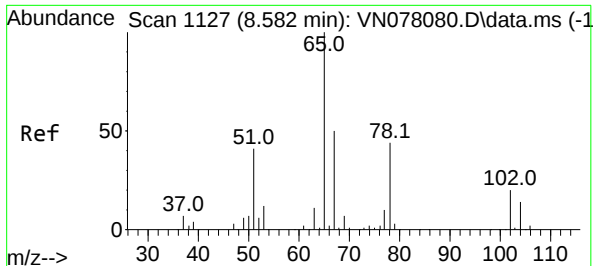
Tgt Ion:168 Resp: 405059  
Ion Ratio Lower Upper  
168 100  
99 61.0 53.0 79.6



#16  
Acetone  
Concen: 1.717 ug/l  
RT: 4.453 min Scan# 425  
Delta R.T. 0.018 min  
Lab File: VN078240.D  
Acq: 15 Jun 2023 19:58

Tgt Ion: 43 Resp: 2669  
Ion Ratio Lower Upper  
43 100  
58 37.8 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 54.981 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078240.D

Acq: 15 Jun 2023 19:58

Instrument :

MSVOA\_N

ClientSampleId :

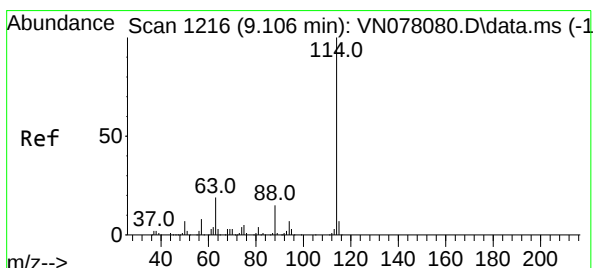
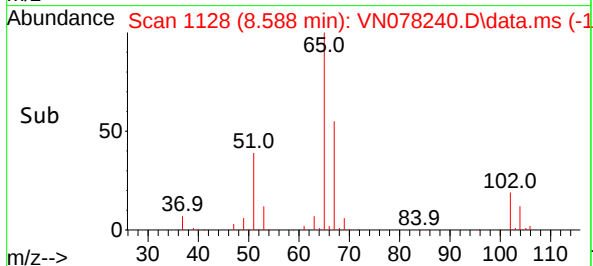
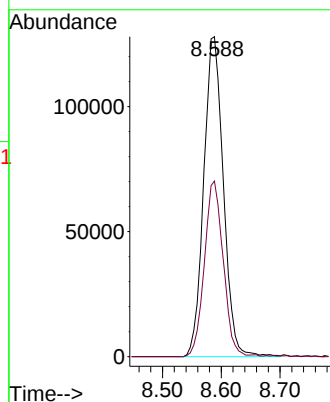
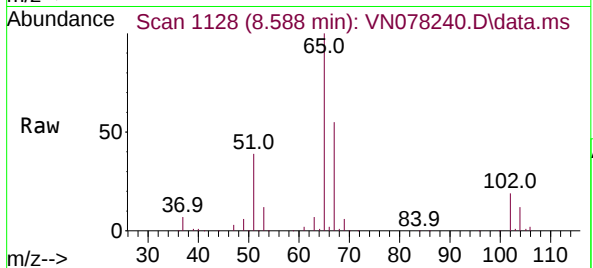
FSND-MW-EVAL-4S-06122023

Tgt Ion: 65 Resp: 296935

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078240.D

Acq: 15 Jun 2023 19:58

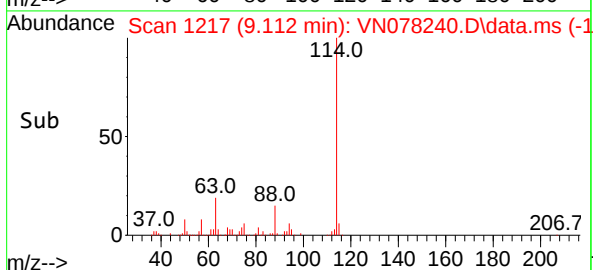
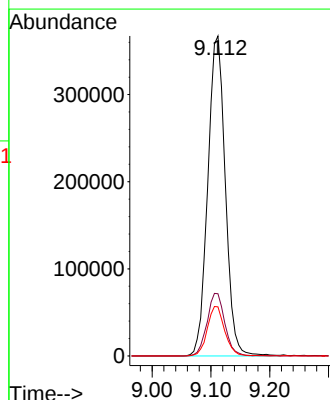
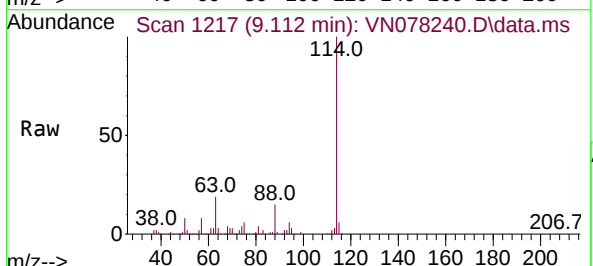
Tgt Ion: 114 Resp: 759317

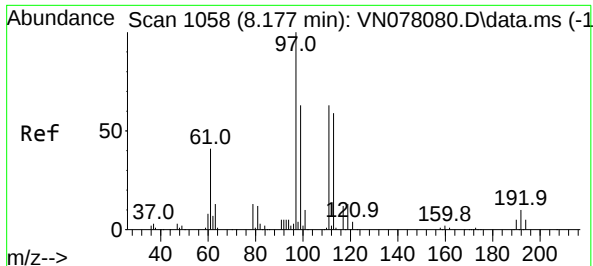
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.212 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078240.D

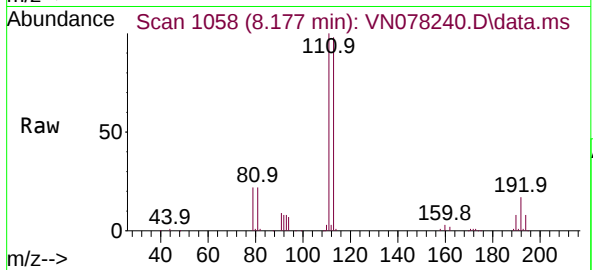
Acq: 15 Jun 2023 19:58

Instrument :

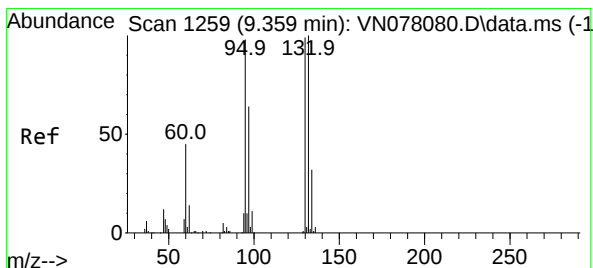
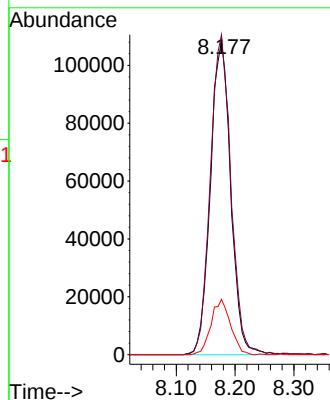
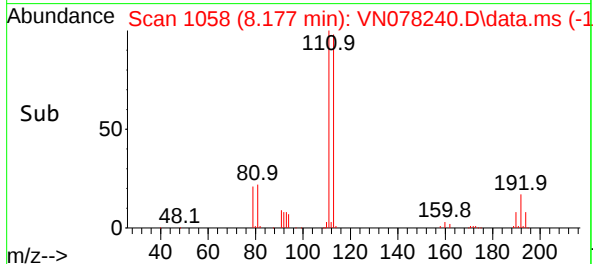
MSVOA\_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 260274 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.3 | 82.6  | 123.8  |
| 192      | 16.9  | 12.7  | 19.1   |



#44

Trichloroethene

Concen: 71.900 ug/l

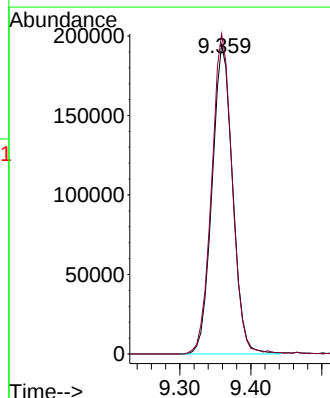
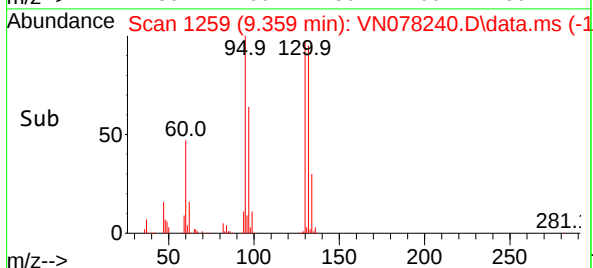
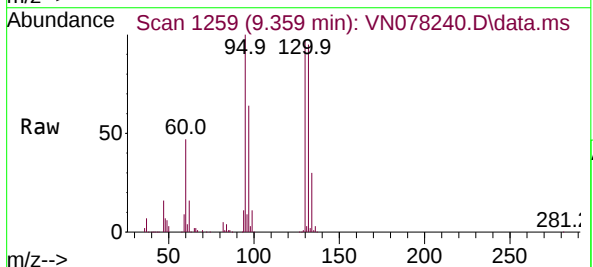
RT: 9.359 min Scan# 1259

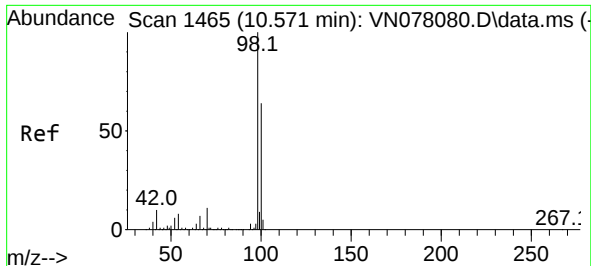
Delta R.T. 0.000 min

Lab File: VN078240.D

Acq: 15 Jun 2023 19:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 390377 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 103.4 | 0.0   | 204.6  |

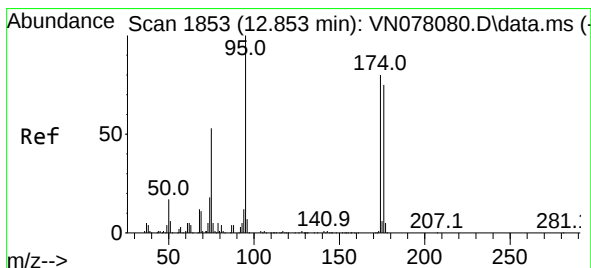
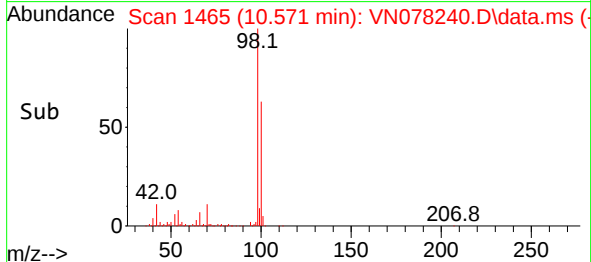
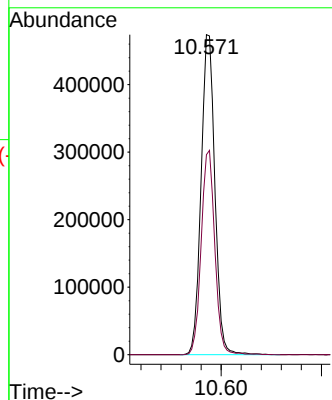
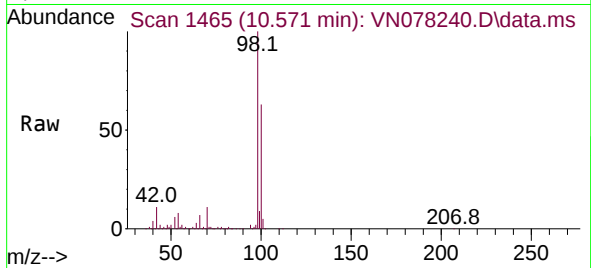




#50  
Toluene-d8  
Concen: 48.859 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN078240.D  
Acq: 15 Jun 2023 19:58

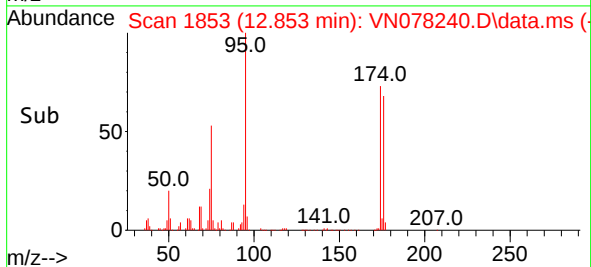
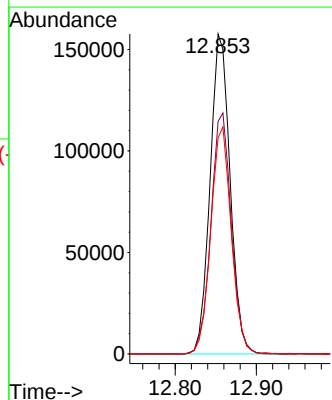
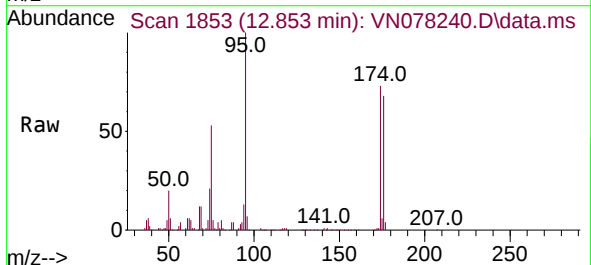
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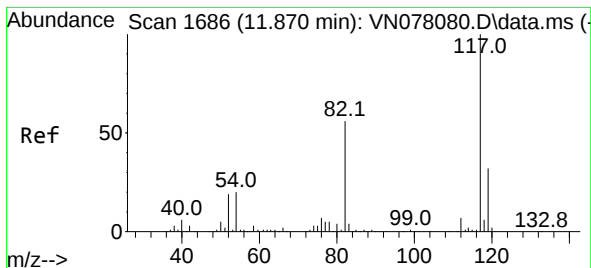
Tgt Ion: 98 Resp: 904304  
Ion Ratio Lower Upper  
98 100  
100 63.2 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 46.919 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN078240.D  
Acq: 15 Jun 2023 19:58

Tgt Ion: 95 Resp: 269966  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 143.8  
176 72.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078240.D

Acq: 15 Jun 2023 19:58

Instrument :

MSVOA\_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023

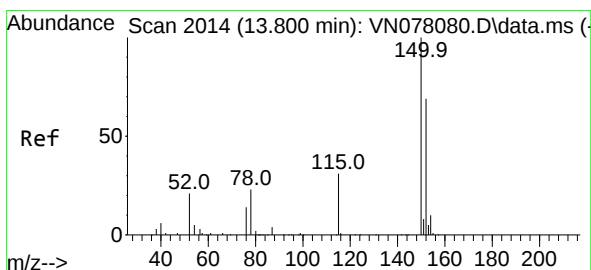
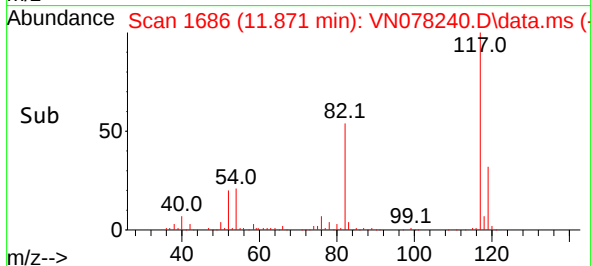
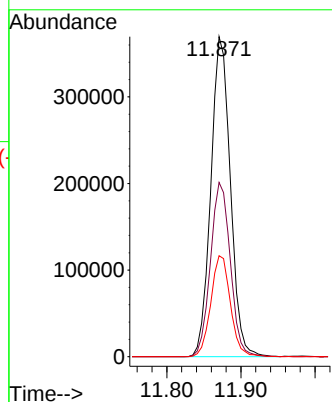
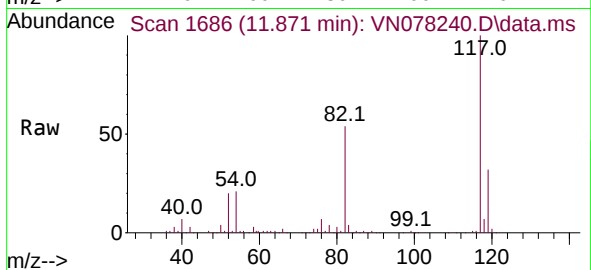
Tgt Ion:117 Resp: 675792

Ion Ratio Lower Upper

117 100

82 54.5 44.0 66.0

119 31.5 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: VN078240.D

Acq: 15 Jun 2023 19:58

Tgt Ion:152 Resp: 201164

Ion Ratio Lower Upper

152 100

115 60.5 32.3 96.8

150 157.6 0.0 355.8

