

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110223\  
 Data File : VN079819.D  
 Acq On : 03 Nov 2023 02:47  
 Operator : JC\MD  
 Sample : 05222-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FSND-MW-29-20231101

Quant Time: Nov 03 05:34:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 231886   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 460957   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 559364   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 188900   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 202934   | 57.442   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 114.880%  |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 171233   | 52.486   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.980%  |      |
| 50) Toluene-d8              | 10.571 | 98    | 766962   | 63.859   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 127.720%# |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 203919   | 51.194   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 102.380%  |      |

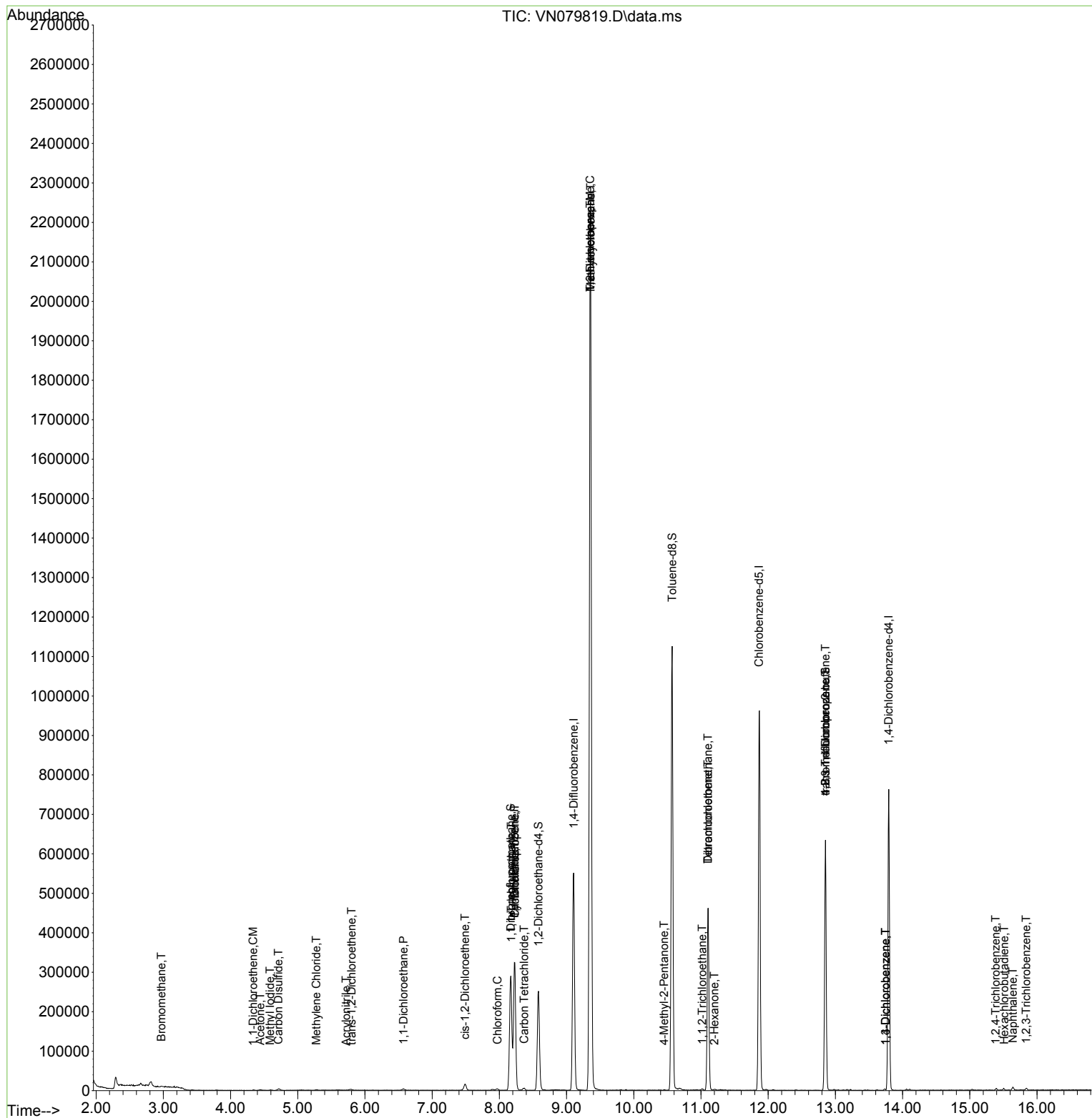
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|-------------------------------|--------|-----|--------|-----------|--------|----|
| Target Compounds              |        |     |        | Qvalue    |        |    |
| 3) Chloromethane              | 2.359  | 50  | 1698   | Below Cal | 94     |    |
| 5) Bromomethane               | 2.971  | 94  | 1018   | 0.458     | ug/l   | 89 |
| 10) Methyl Iodide             | 4.589  | 142 | 1757   | 0.584     | ug/l # | 70 |
| 12) 1,1-Dichloroethene        | 4.336  | 96  | 638    | 0.256     | ug/l # | 51 |
| 15) Acrylonitrile             | 5.718  | 53  | 326    | 0.232     | ug/l # | 38 |
| 16) Acetone                   | 4.442  | 43  | 2531   | 2.040     | ug/l # | 81 |
| 17) Carbon Disulfide          | 4.712  | 76  | 2084   | 0.289     | ug/l # | 75 |
| 20) Methylene Chloride        | 5.277  | 84  | 644    | 0.206     | ug/l # | 16 |
| 21) trans-1,2-Dichloroethene  | 5.800  | 96  | 1480   | 0.532     | ug/l # | 74 |
| 24) 1,1-Dichloroethane        | 6.577  | 63  | 5249   | 0.975     | ug/l # | 81 |
| 27) cis-1,2-Dichloroethene    | 7.488  | 96  | 8919   | 2.678     | ug/l   | 95 |
| 30) Chloroform                | 7.971  | 83  | 3442   | 0.588     | ug/l   | 93 |
| 31) Cyclohexane               | 8.230  | 56  | 6205   | 1.329     | ug/l # | 50 |
| 32) 1,1,1-Trichloroethane     | 8.177  | 97  | 40911  | 8.584     | ug/l   | 93 |
| 36) 1,1-Dichloropropene       | 8.230  | 75  | 21277  | 4.568     | ug/l # | 49 |
| 38) Carbon Tetrachloride      | 8.371  | 117 | 4016   | 0.855     | ug/l # | 83 |
| 39) Methylcyclohexane         | 9.359  | 83  | 10418  | 2.376     | ug/l # | 1  |
| 44) Trichloroethene           | 9.353  | 130 | 786662 | 227.218   | ug/l   | 96 |
| 45) 1,2-Dichloropropane       | 9.353  | 63  | 2624   | 0.736     | ug/l # | 1  |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43  | 1038   | 0.246     | ug/l # | 31 |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97  | 952    | 0.286     | ug/l   | 89 |
| 59) 2-Hexanone                | 11.200 | 43  | 1826   | 0.566     | ug/l # | 58 |
| 60) Dibromochloromethane      | 11.106 | 129 | 101880 | 28.609    | ug/l # | 11 |
| 64) Tetrachloroethene         | 11.106 | 164 | 100252 | 27.673    | ug/l   | 94 |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75  | 113124 | 25.508    | ug/l # | 1  |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75  | 113124 | 69.402    | ug/l # | 15 |
| 87) 1,3-Dichlorobenzene       | 13.747 | 146 | 1350   | 0.207     | ug/l   | 79 |
| 88) 1,4-Dichlorobenzene       | 13.747 | 146 | 1350   | 0.204     | ug/l   | 82 |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180 | 1897   | 0.647     | ug/l   | 89 |
| 94) Hexachlorobutadiene       | 15.511 | 225 | 881    | 0.663     | ug/l   | 92 |
| 95) Naphthalene               | 15.641 | 128 | 7147   | 0.719     | ug/l # | 95 |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180 | 1969   | 0.685     | ug/l   | 86 |

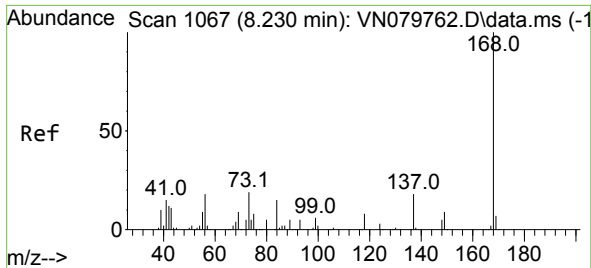
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110223\  
Data File : VN079819.D  
Acq On : 03 Nov 2023 02:47  
Operator : JC\MD  
Sample : 05222-05  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

Quant Time: Nov 03 05:34:47 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 02 05:49:08 2023  
Response via : Initial Calibration

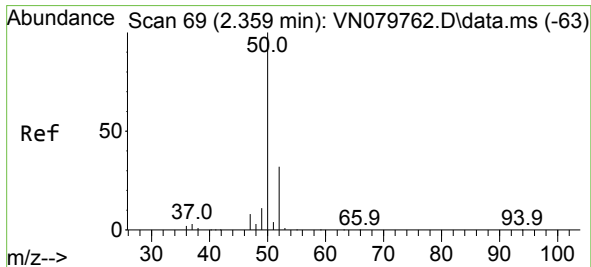
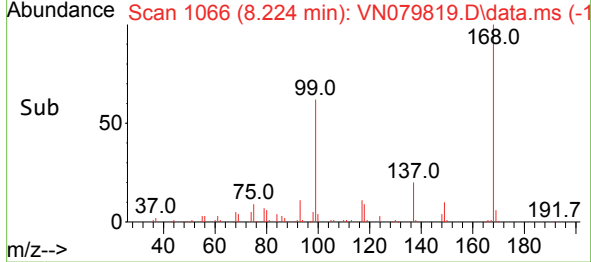
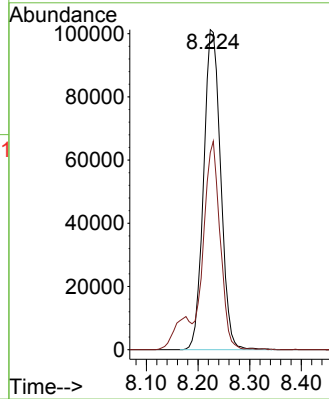
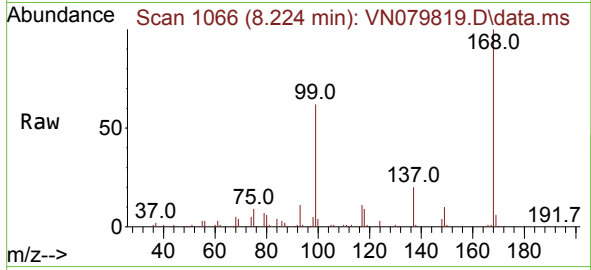




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

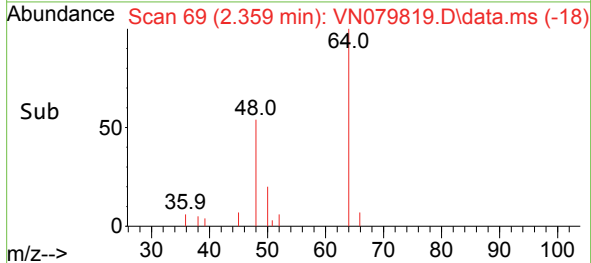
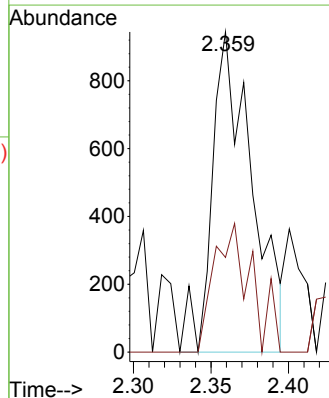
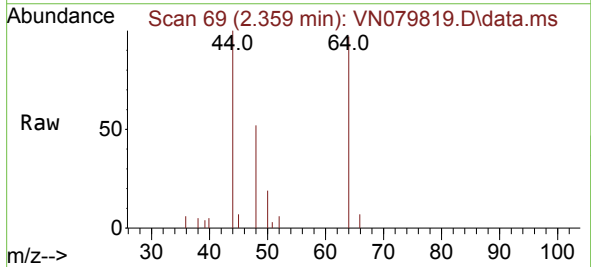
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

Tgt Ion:168 Resp: 231886  
Ion Ratio Lower Upper  
168 100  
99 61.6 53.0 79.6



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion: 50 Resp: 1698  
Ion Ratio Lower Upper  
50 100  
52 29.6 26.5 39.7

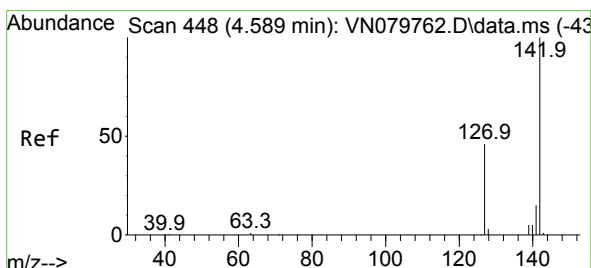
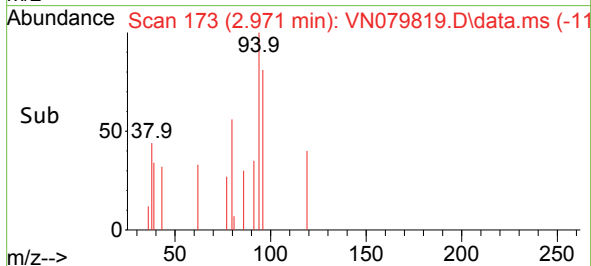
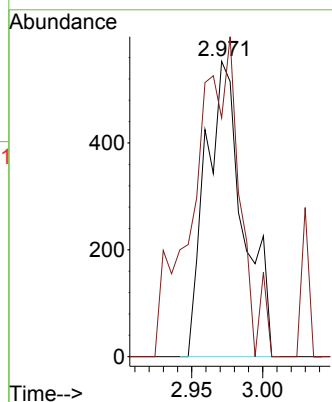
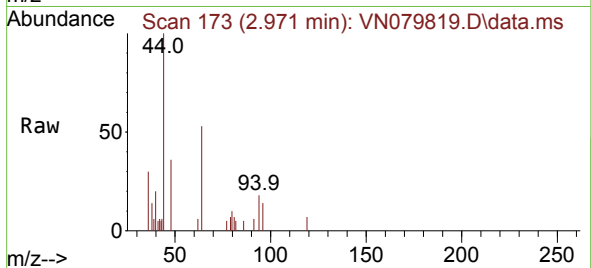




#5  
Bromomethane  
Concen: 0.458 ug/l  
RT: 2.971 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

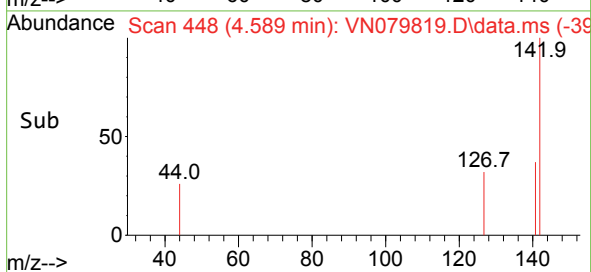
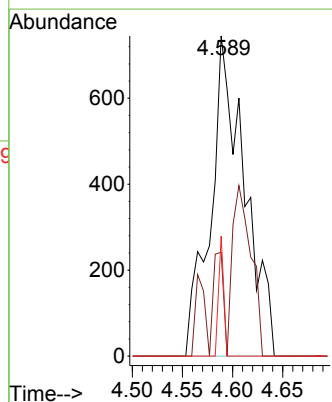
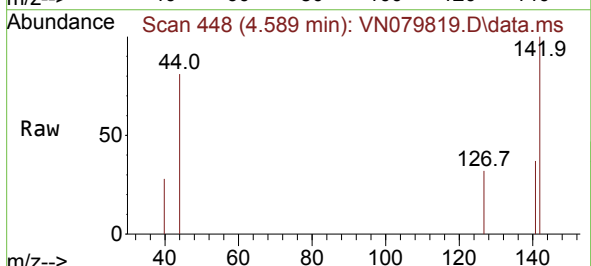
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

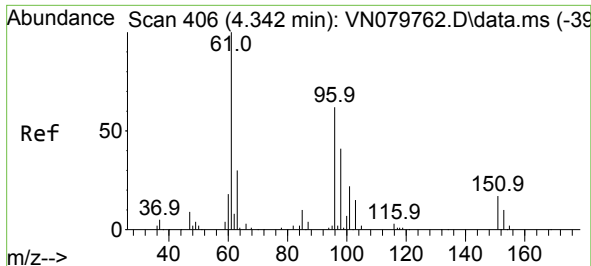
Tgt Ion: 94 Resp: 1018  
Ion Ratio Lower Upper  
94 100  
96 80.8 73.1 109.7



#10  
Methyl Iodide  
Concen: 0.584 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.006 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion:142 Resp: 1757  
Ion Ratio Lower Upper  
142 100  
127 32.5 37.6 56.4#  
141 37.4 11.4 17.0#

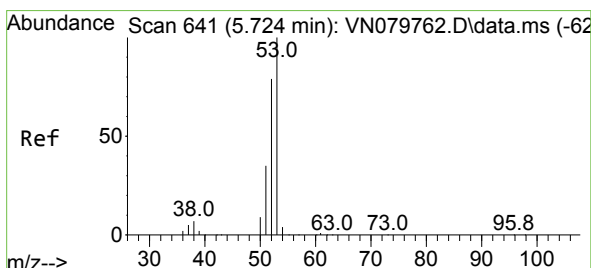
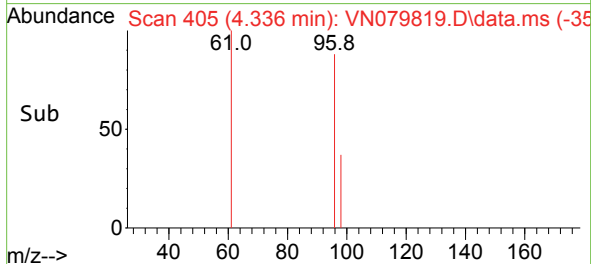
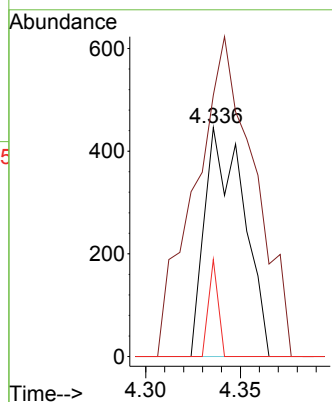
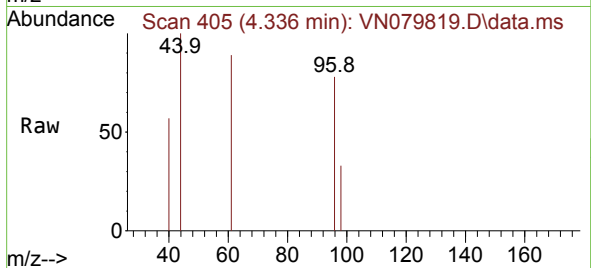




#12  
1,1-Dichloroethene  
Concen: 0.256 ug/l  
RT: 4.336 min Scan# 406  
Delta R.T. -0.012 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

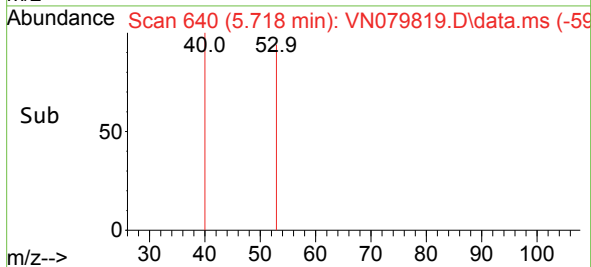
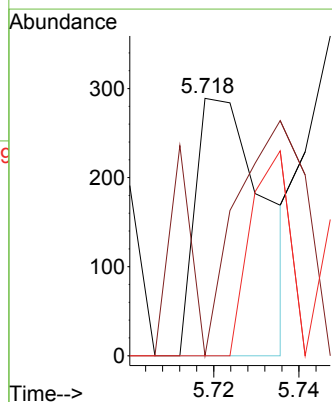
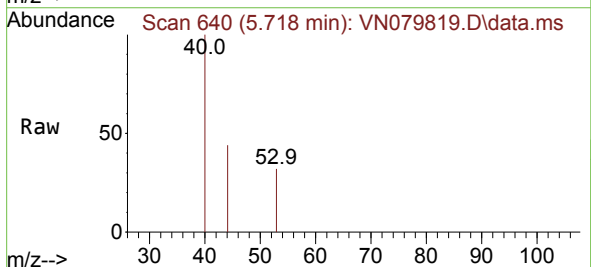
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

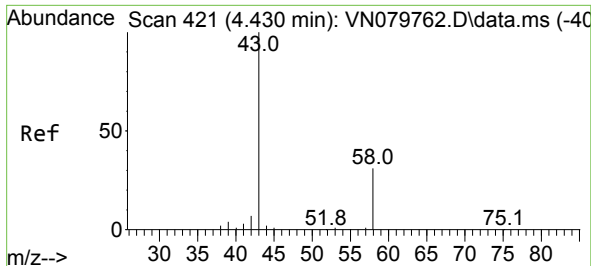
Tgt Ion: 96 Resp: 638  
Ion Ratio Lower Upper  
96 100  
61 69.5 112.7 169.1#  
98 42.4 51.2 76.8#



#15  
Acrylonitrile  
Concen: 0.232 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.006 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion: 53 Resp: 326  
Ion Ratio Lower Upper  
53 100  
52 25.5 65.3 97.9#  
51 0.0 28.9 43.3#





#16

Acetone

Concen: 2.040 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN079819.D

Acq: 03 Nov 2023 02:47

Instrument :

MSVOA\_N

ClientSampleId :

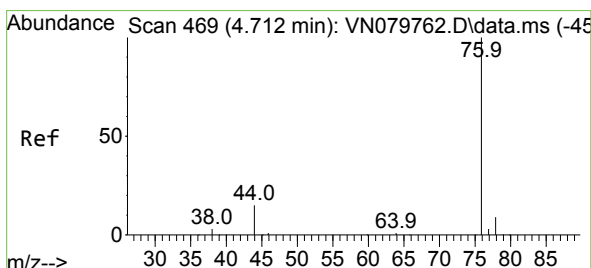
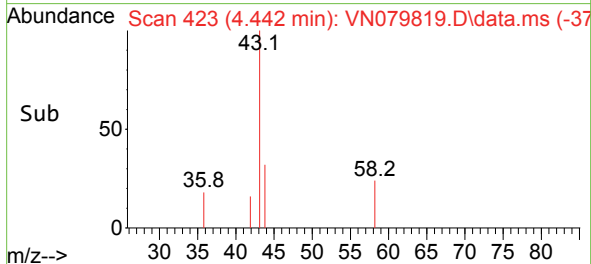
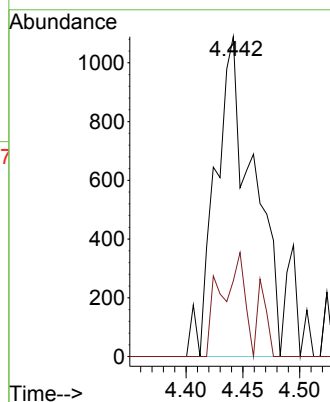
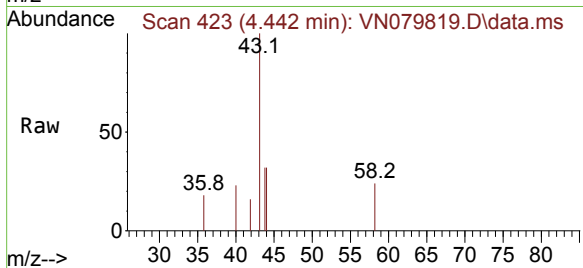
FSND-MW-29-20231101

Tgt Ion: 43 Resp: 2531

Ion Ratio Lower Upper

43 100

58 23.7 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.289 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN079819.D

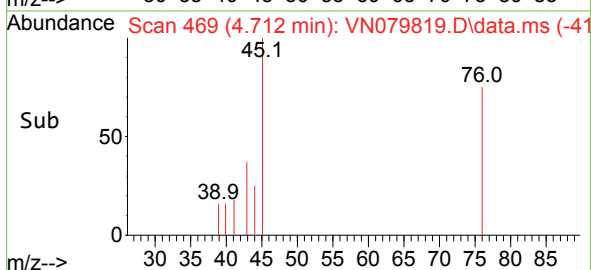
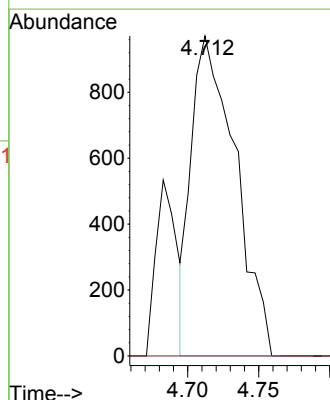
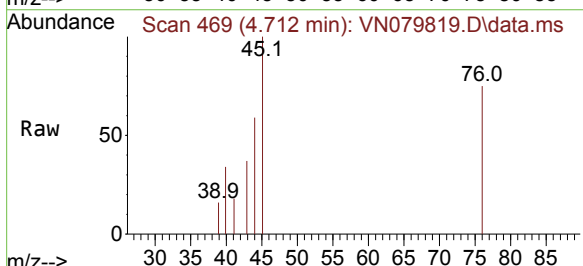
Acq: 03 Nov 2023 02:47

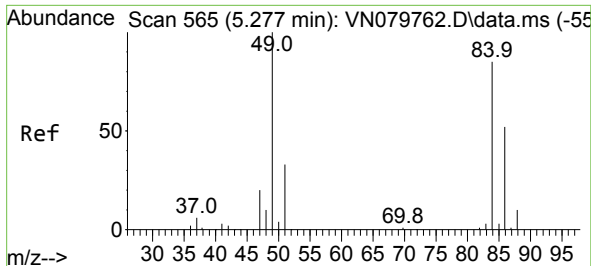
Tgt Ion: 76 Resp: 2084

Ion Ratio Lower Upper

76 100

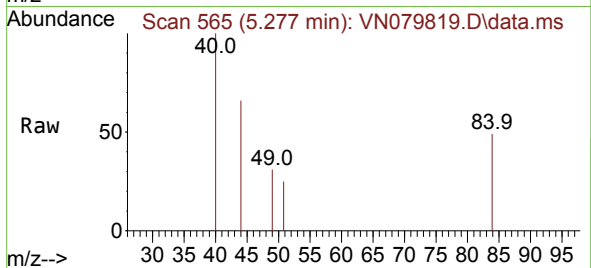
78 0.0 7.4 11.0#



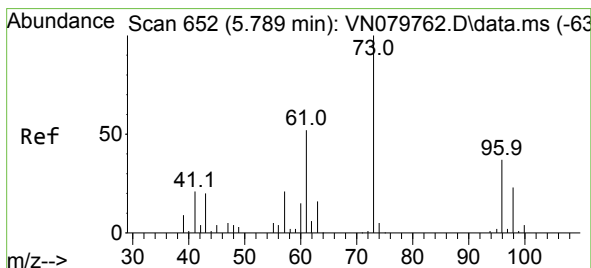
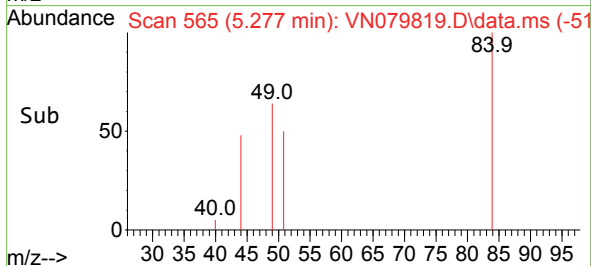
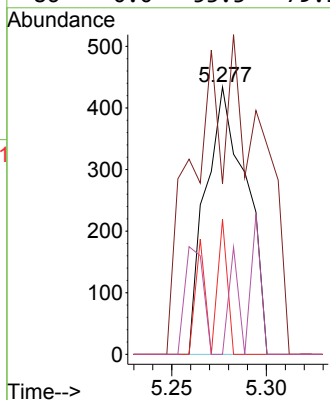


#20  
Methylene Chloride  
Concen: 0.206 ug/l  
RT: 5.277 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

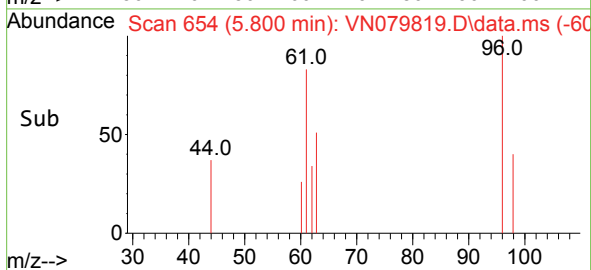
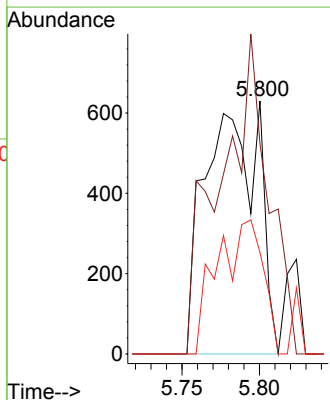
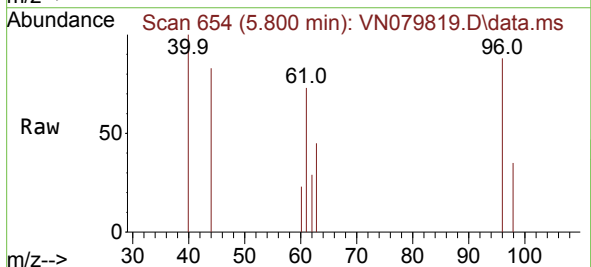


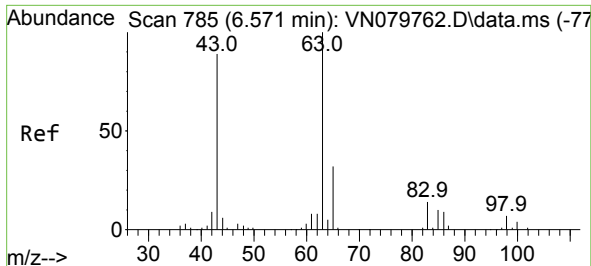
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 644    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 0.0   | 79.7  | 119.5# |
| 51       | 50.5  | 25.2  | 37.8#  |
| 86       | 0.0   | 53.3  | 79.9#  |



#21  
trans-1,2-Dichloroethene  
Concen: 0.532 ug/l  
RT: 5.800 min Scan# 654  
Delta R.T. 0.018 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 1480   |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 83.2  | 90.1  | 135.1# |
| 98       | 40.2  | 46.4  | 69.6#  |

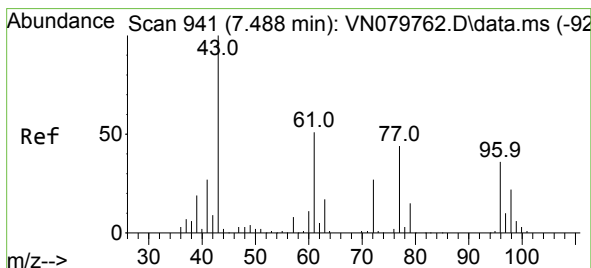
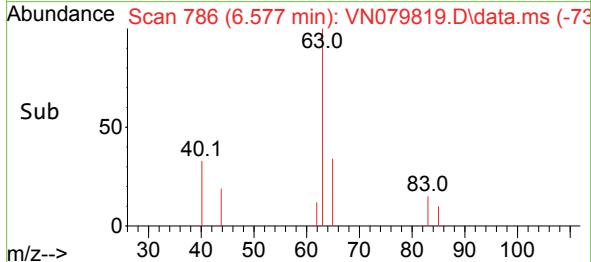
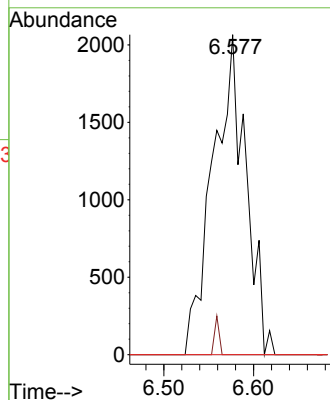
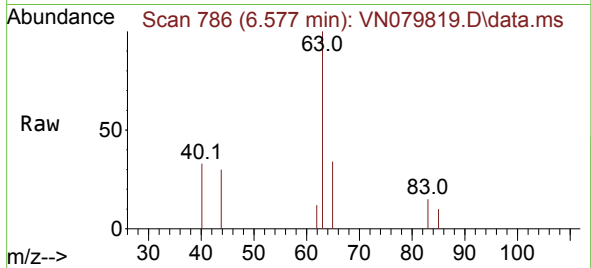




#24  
1,1-Dichloroethane  
Concen: 0.975 ug/l  
RT: 6.577 min Scan# 786  
Delta R.T. 0.006 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

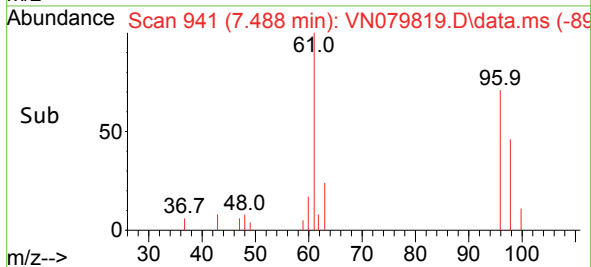
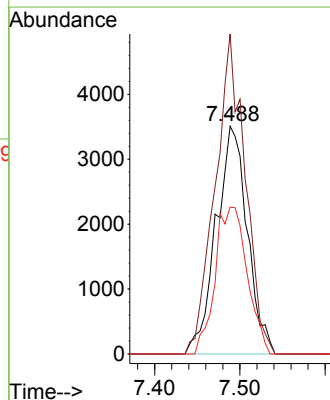
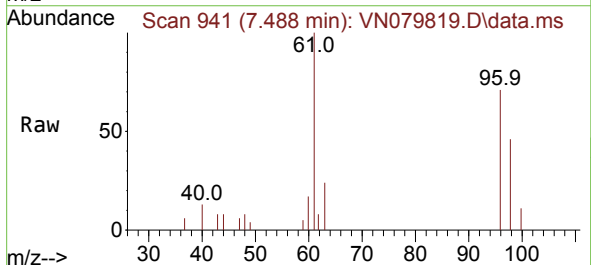
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

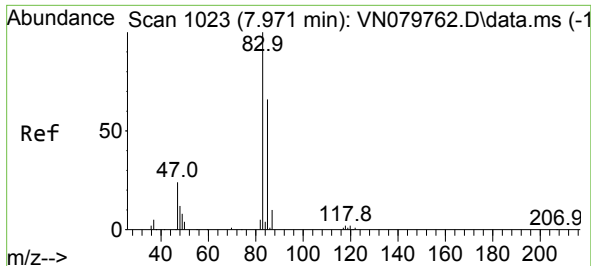
Tgt Ion: 63 Resp: 5249  
Ion Ratio Lower Upper  
63 100  
98 0.0 3.9 11.7#  
100 0.0 2.5 7.4#



#27  
cis-1,2-Dichloroethene  
Concen: 2.678 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion: 96 Resp: 8919  
Ion Ratio Lower Upper  
96 100  
61 135.0 0.0 255.2  
98 66.1 0.0 128.8

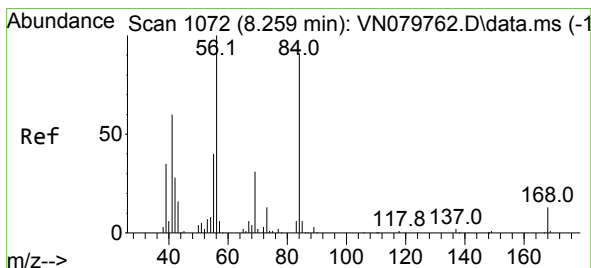
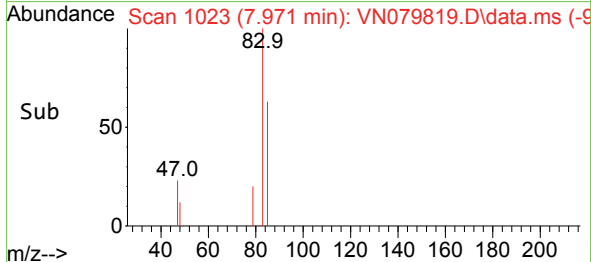
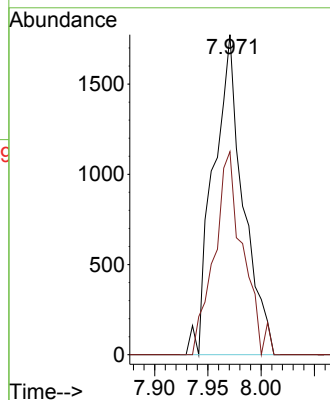
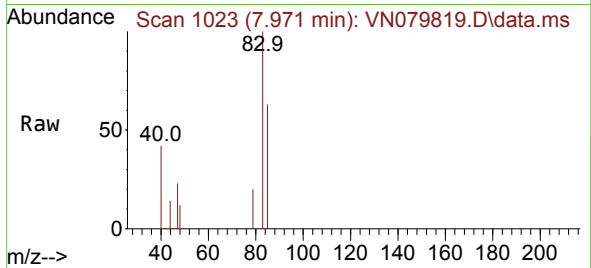




#30  
Chloroform  
Concen: 0.588 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

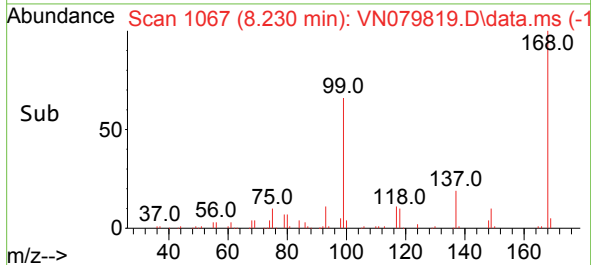
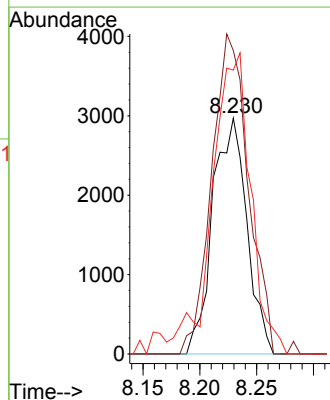
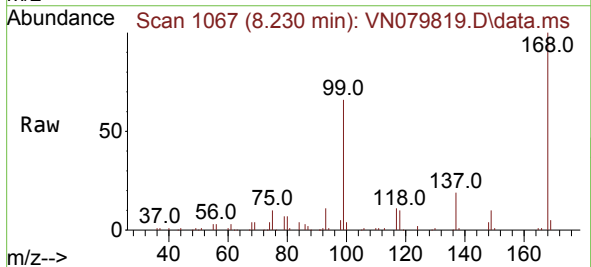
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

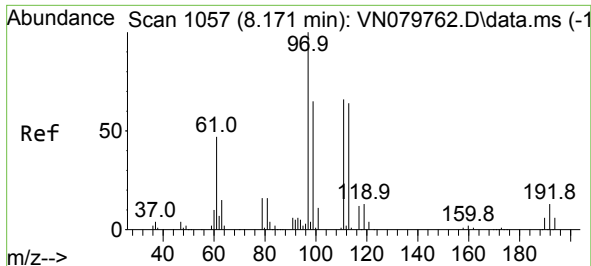
Tgt Ion: 83 Resp: 3442  
Ion Ratio Lower Upper  
83 100  
85 63.5 55.4 83.0



#31  
Cyclohexane  
Concen: 1.329 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.029 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion: 56 Resp: 6205  
Ion Ratio Lower Upper  
56 100  
69 128.7 26.8 40.2#  
84 114.0 81.8 122.6





#32

1,1,1-Trichloroethane

Concen: 8.584 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN079819.D

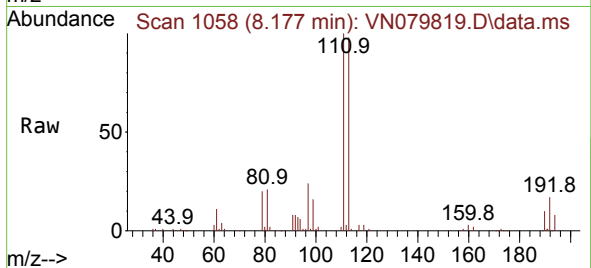
Acq: 03 Nov 2023 02:47

Instrument :

MSVOA\_N

ClientSampleId :

FSND-MW-29-20231101



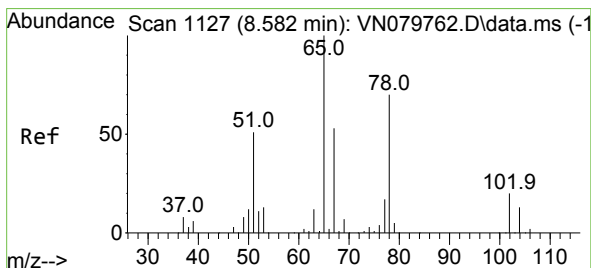
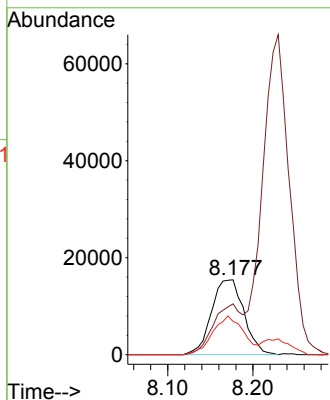
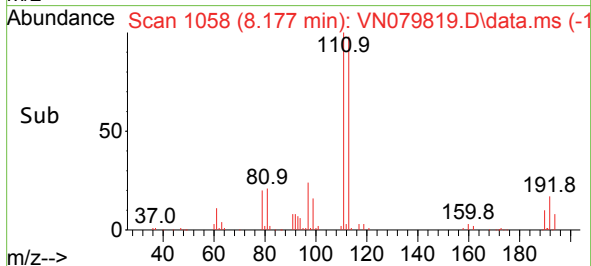
Tgt Ion: 97 Resp: 40911

Ion Ratio Lower Upper

97 100

99 59.5 50.3 75.5

61 49.7 34.7 52.1



#33

1,2-Dichloroethane-d4

Concen: 57.442 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079819.D

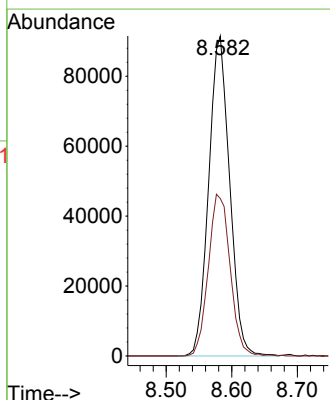
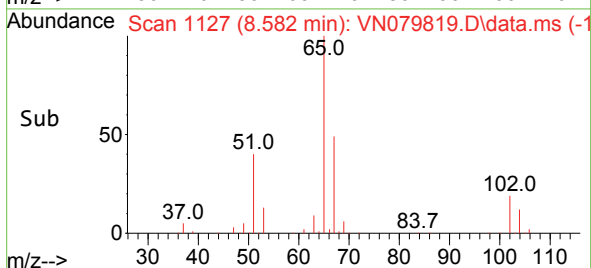
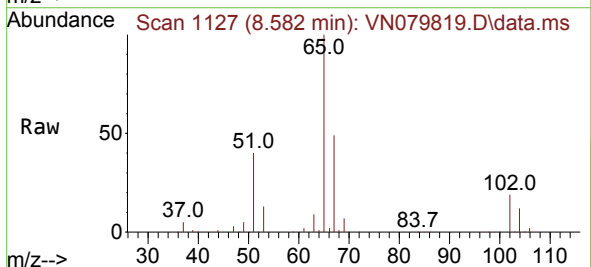
Acq: 03 Nov 2023 02:47

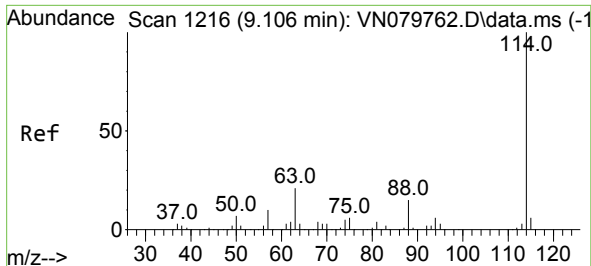
Tgt Ion: 65 Resp: 202934

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6

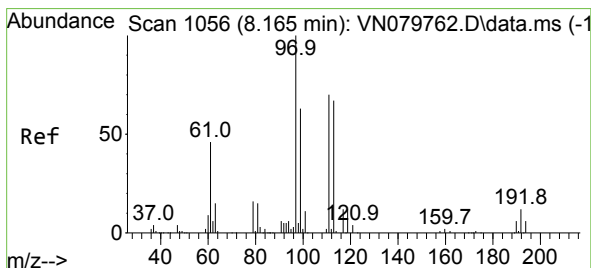
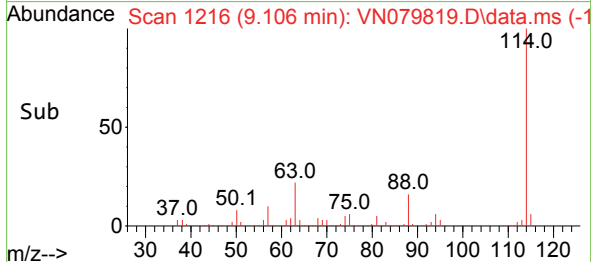
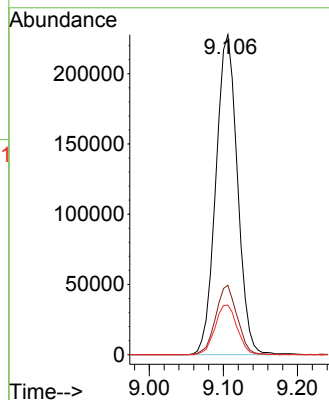
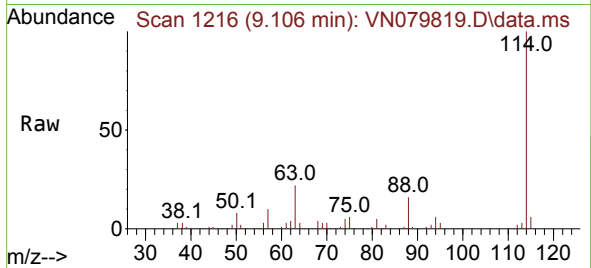




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

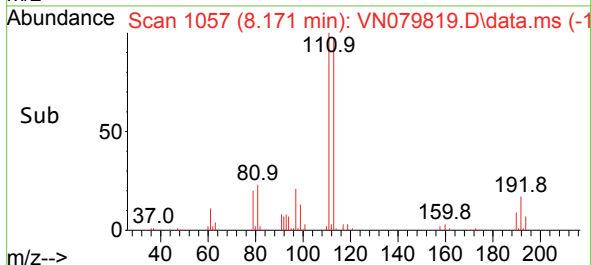
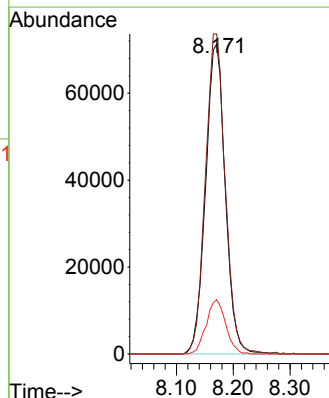
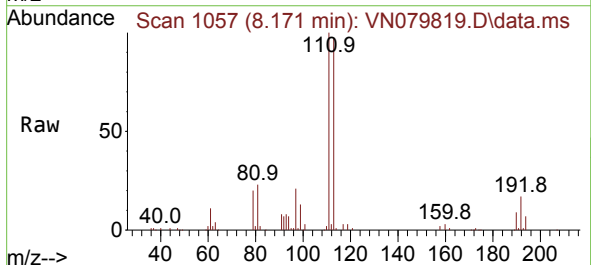
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

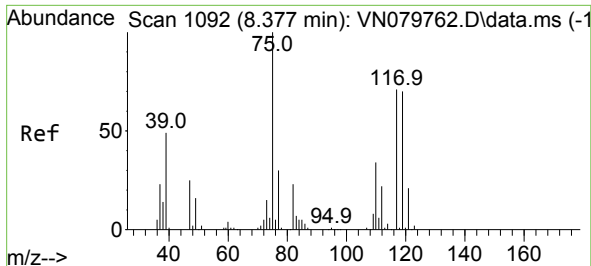
Tgt Ion:114 Resp: 460957  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 36.4  
88 15.5 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 52.486 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion:113 Resp: 171233  
Ion Ratio Lower Upper  
113 100  
111 103.9 82.6 123.8  
192 17.4 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.568 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079819.D

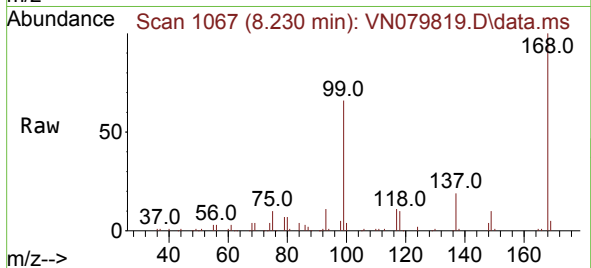
Acq: 03 Nov 2023 02:47

Instrument :

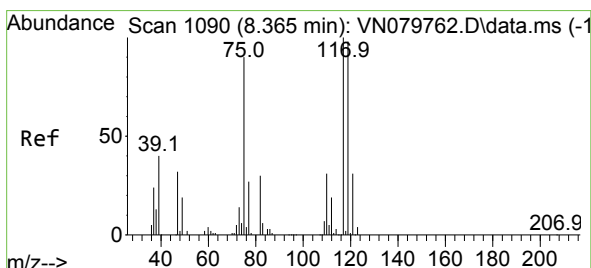
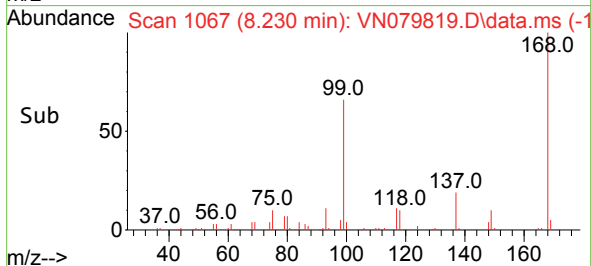
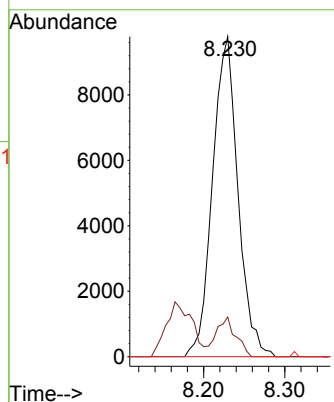
MSVOA\_N

ClientSampleId :

FSND-MW-29-20231101



|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 21277    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 110         | 9.8 19.1 57.3# |
| 77          | 0.0 25.0 37.4# |



#38

Carbon Tetrachloride

Concen: 0.855 ug/l

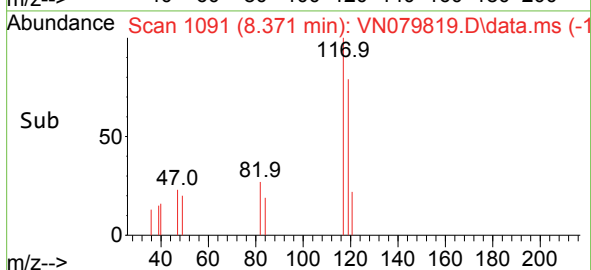
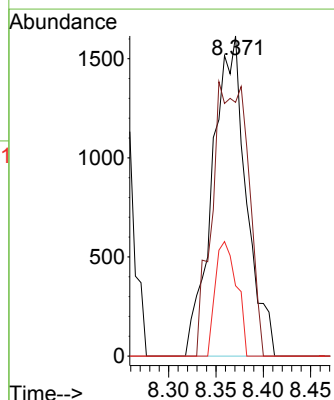
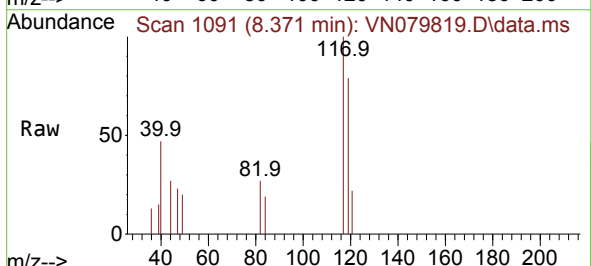
RT: 8.371 min Scan# 1091

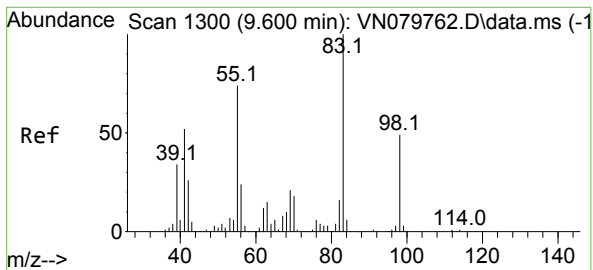
Delta R.T. 0.012 min

Lab File: VN079819.D

Acq: 03 Nov 2023 02:47

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 4016      |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 79.3 77.3 115.9 |
| 121          | 22.0 23.3 34.9# |





#39

Methylcyclohexane

Concen: 2.376 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.247 min

Lab File: VN079819.D

Acq: 03 Nov 2023 02:47

Instrument :

MSVOA\_N

ClientSampleId :

FSND-MW-29-20231101

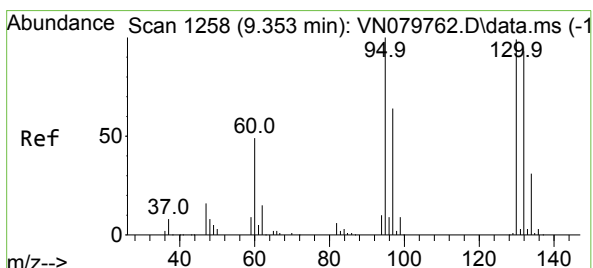
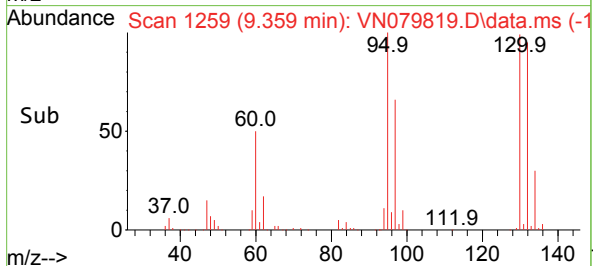
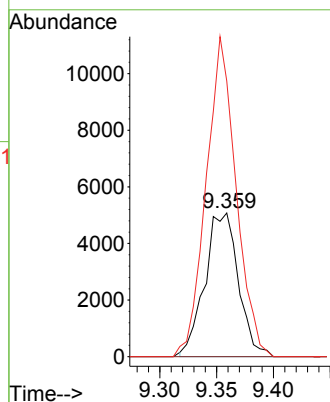
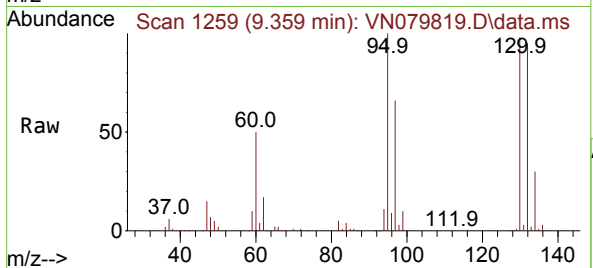
Tgt Ion: 83 Resp: 10418

Ion Ratio Lower Upper

83 100

55 0.0 49.1 73.7#

98 192.0 40.6 61.0#



#44

Trichloroethene

Concen: 227.218 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079819.D

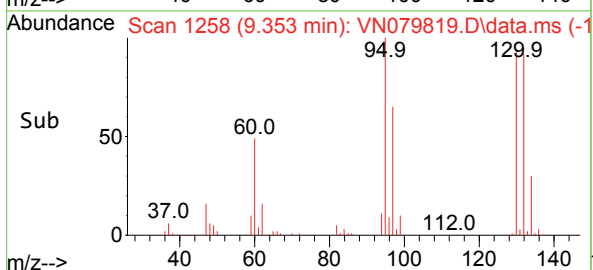
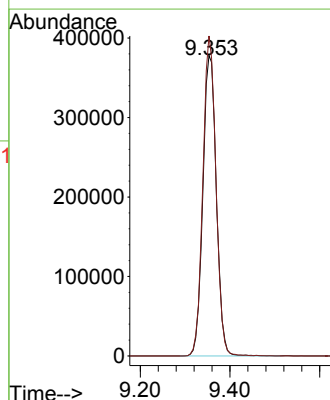
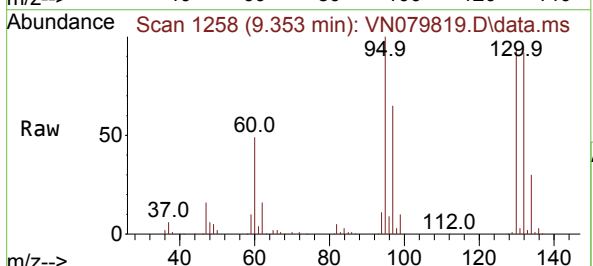
Acq: 03 Nov 2023 02:47

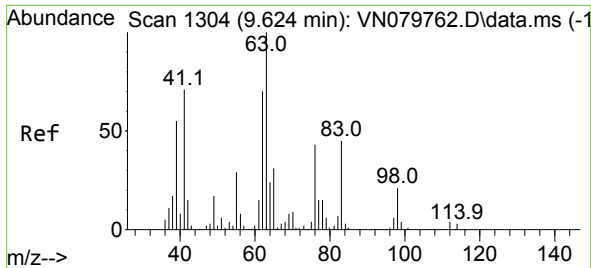
Tgt Ion:130 Resp: 786662

Ion Ratio Lower Upper

130 100

95 106.5 0.0 204.6

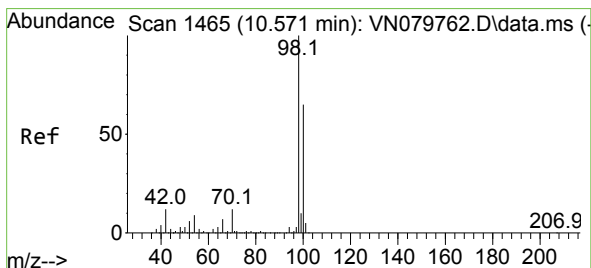
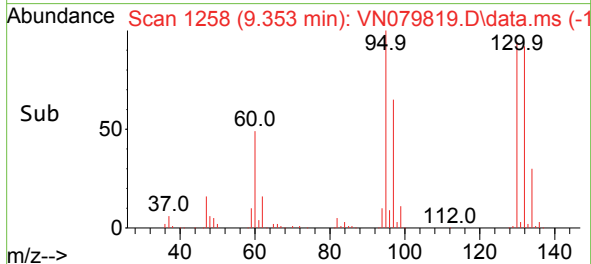
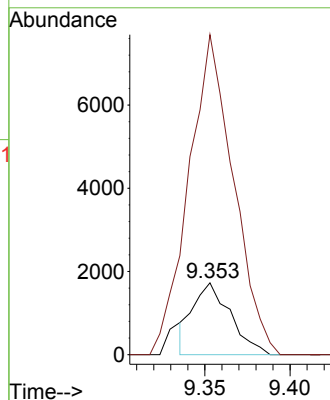
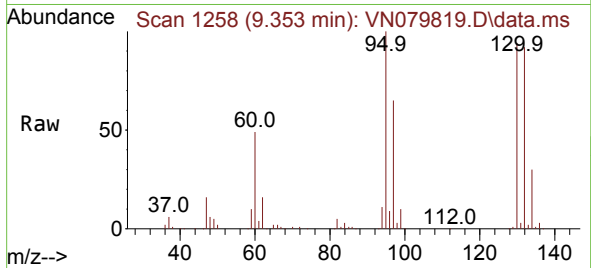




#45  
1,2-Dichloropropane  
Concen: 0.736 ug/l  
RT: 9.353 min Scan# 11  
Delta R.T. -0.271 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

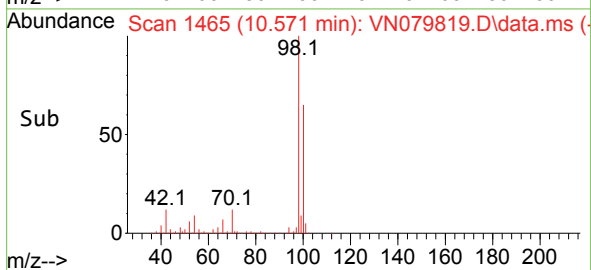
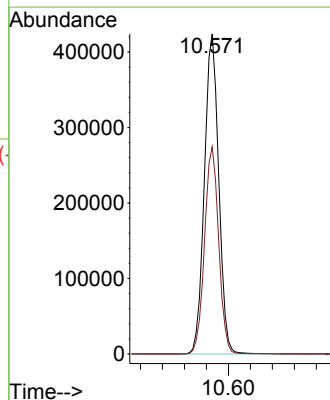
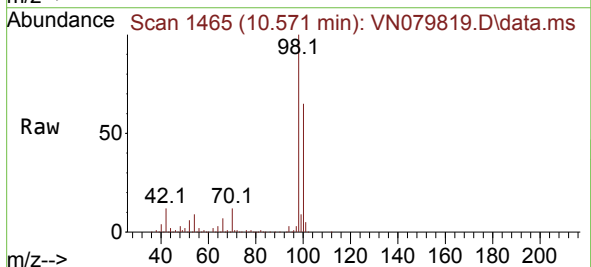
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

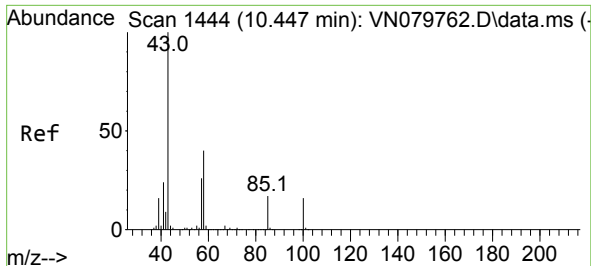
Tgt Ion: 63 Resp: 2624  
Ion Ratio Lower Upper  
63 100  
65 445.9 23.9 35.9#



#50  
Toluene-d8  
Concen: 63.859 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion: 98 Resp: 766962  
Ion Ratio Lower Upper  
98 100  
100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.246 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN079819.D

Acq: 03 Nov 2023 02:47

Instrument :

MSVOA\_N

ClientSampleId :

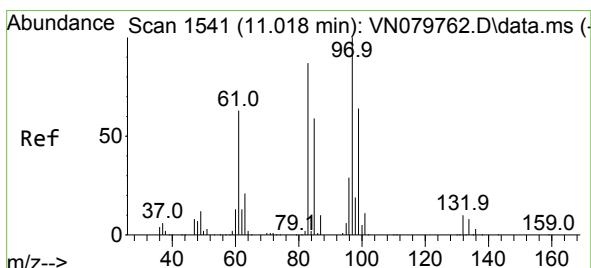
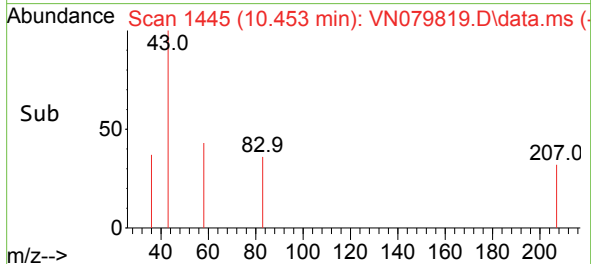
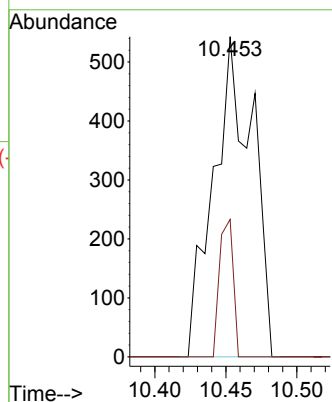
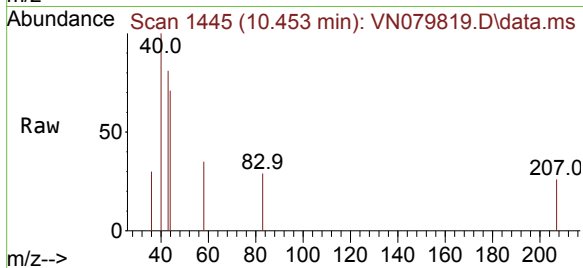
FSND-MW-29-20231101

Tgt Ion: 43 Resp: 1038

Ion Ratio Lower Upper

43 100

58 0.0 36.6 54.8#



#55

1,1,2-Trichloroethane

Concen: 0.286 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079819.D

Acq: 03 Nov 2023 02:47

Tgt Ion: 97 Resp: 952

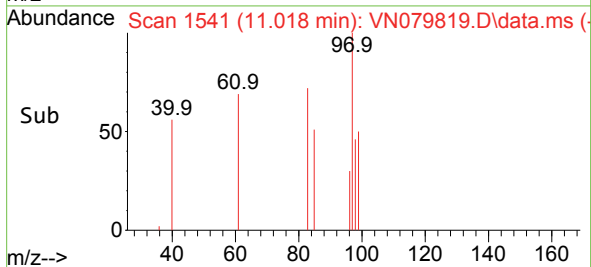
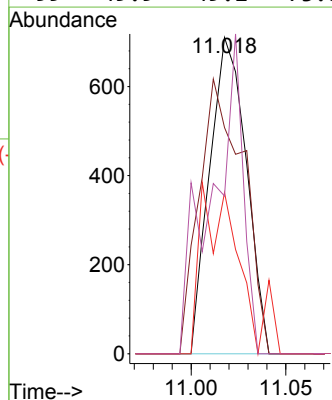
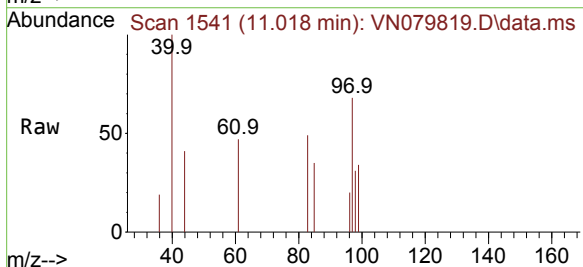
Ion Ratio Lower Upper

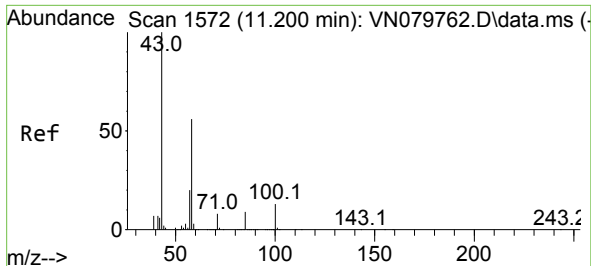
97 100

83 71.5 65.1 97.7

85 51.0 43.4 65.2

99 49.9 49.2 73.8

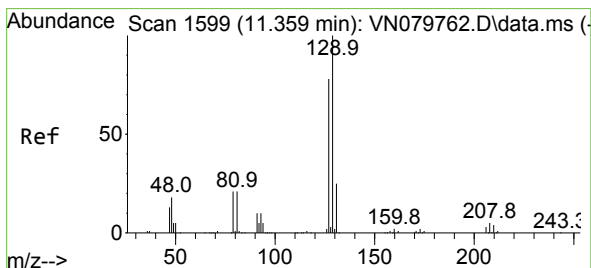
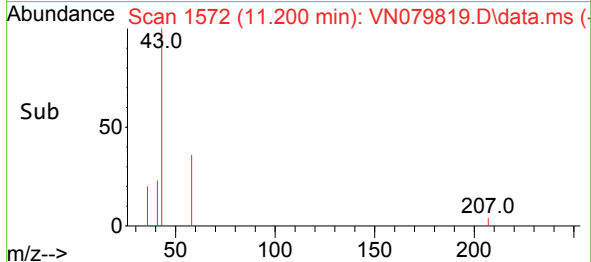
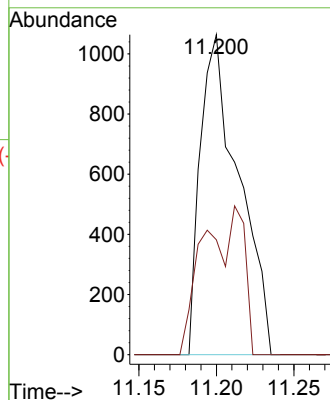
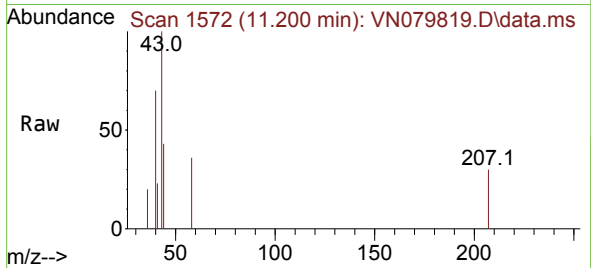




#59  
2-Hexanone  
Concen: 0.566 ug/l  
RT: 11.200 min Scan# 11556  
Delta R.T. 0.000 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

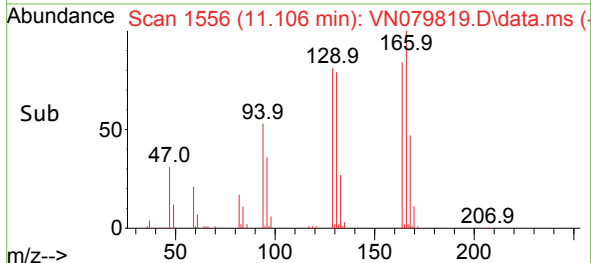
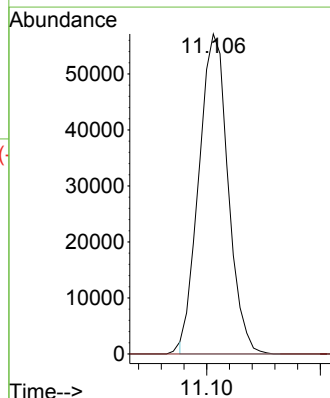
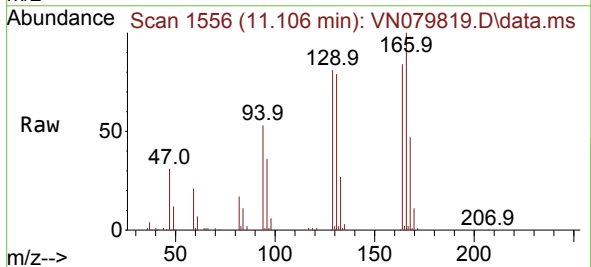
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

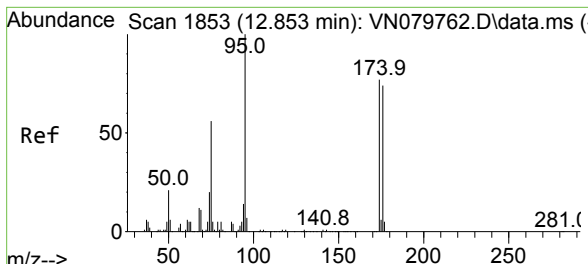
Tgt Ion: 43 Resp: 1826  
Ion Ratio Lower Upper  
43 100  
58 31.1 31.7 95.1#



#60  
Dibromochloromethane  
Concen: 28.609 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.259 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion: 129 Resp: 101880  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.6 116.0#

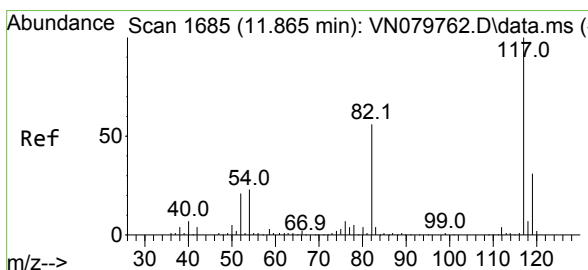
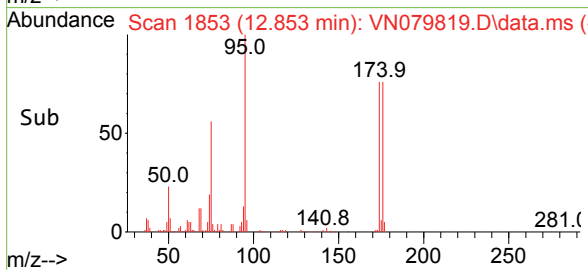
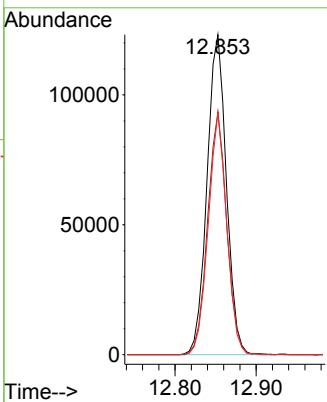
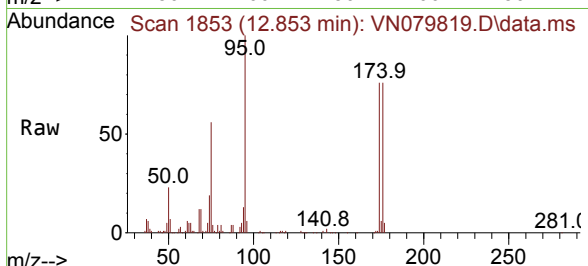




#62  
 4-Bromofluorobenzene  
 Concen: 51.194 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: VN079819.D  
 Acq: 03 Nov 2023 02:47

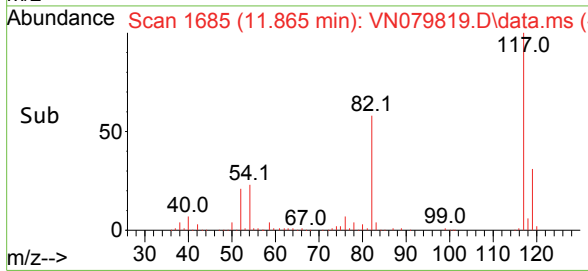
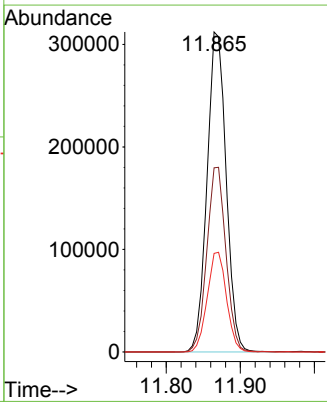
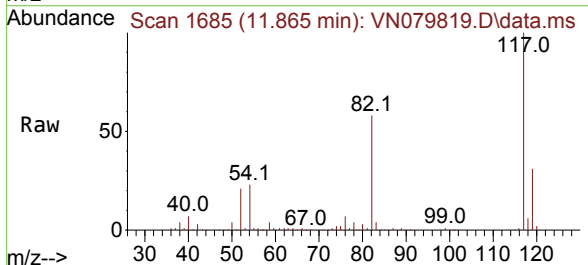
Instrument :  
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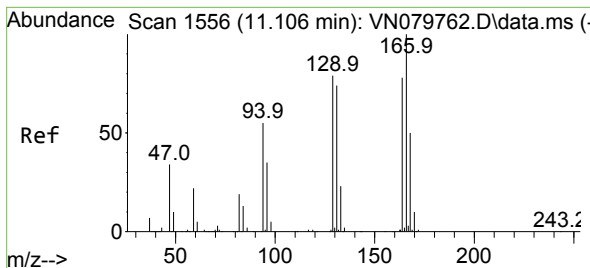
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 203919 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 74.9  | 0.0   | 143.8  |
| 176      | 71.8  | 0.0   | 135.8  |



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.865 min Scan# 1685  
 Delta R.T. -0.006 min  
 Lab File: VN079819.D  
 Acq: 03 Nov 2023 02:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 559364 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.6  | 44.0  | 66.0   |
| 119      | 30.8  | 25.6  | 38.4   |





#64

Tetrachloroethene

Concen: 27.673 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079819.D

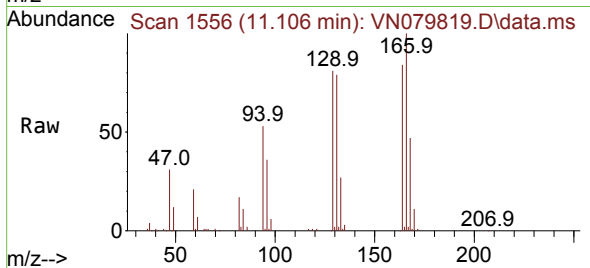
Acq: 03 Nov 2023 02:47

Instrument :

MSVOA\_N

ClientSampleId :

FSND-MW-29-20231101



Tgt Ion:164 Resp: 100252

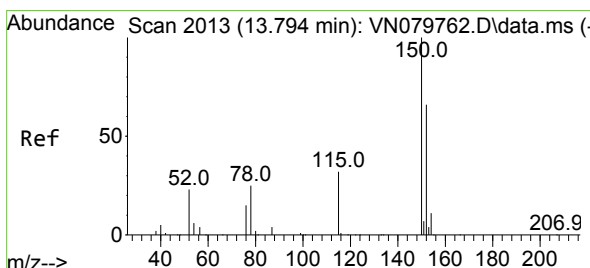
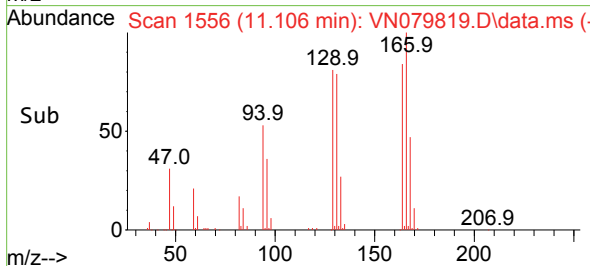
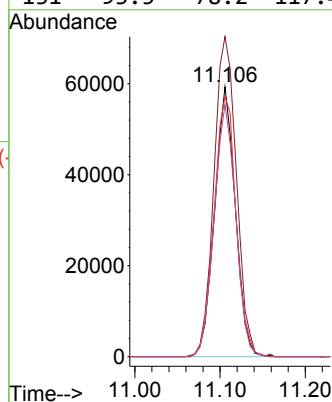
Ion Ratio Lower Upper

164 100

166 118.6 101.4 152.0

129 96.4 82.4 123.6

131 93.5 78.2 117.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079819.D

Acq: 03 Nov 2023 02:47

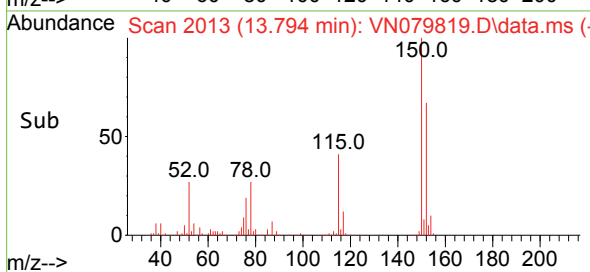
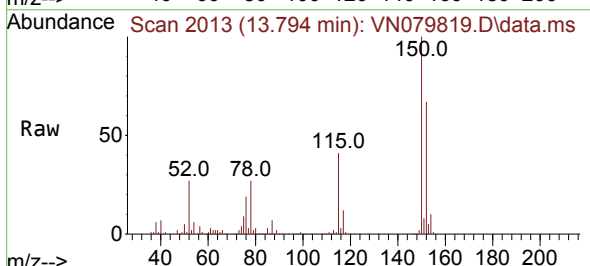
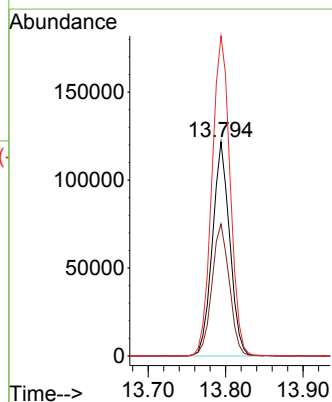
Tgt Ion:152 Resp: 188900

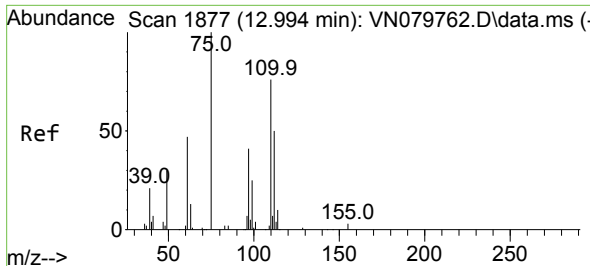
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 157.2 0.0 355.8

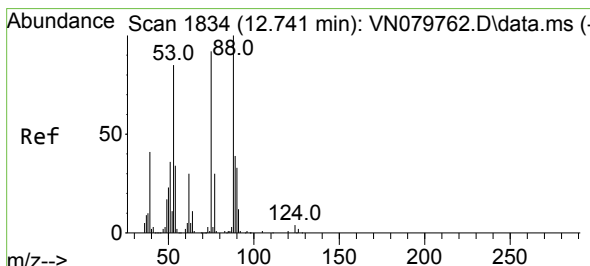
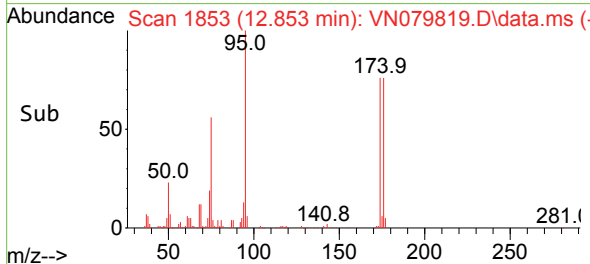
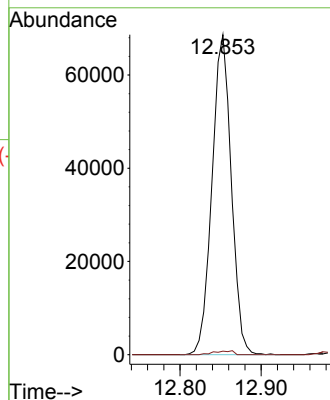
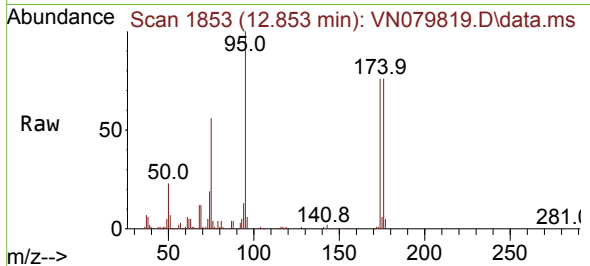




#76  
1,2,3-Trichloropropane  
Concen: 25.508 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.141 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

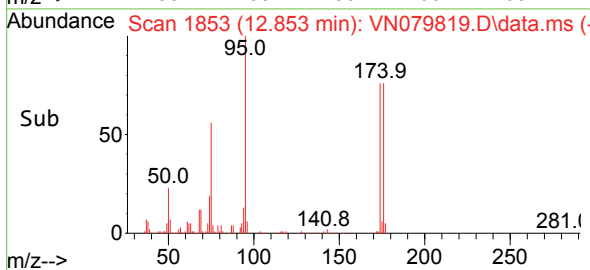
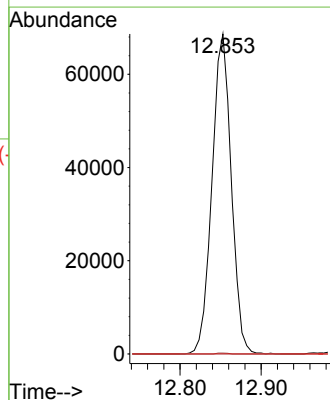
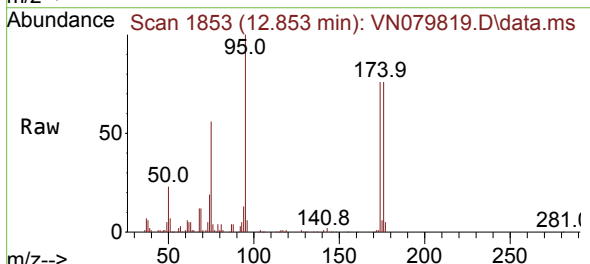
Instrument :  
MSVOA\_N  
ClientSampleId :  
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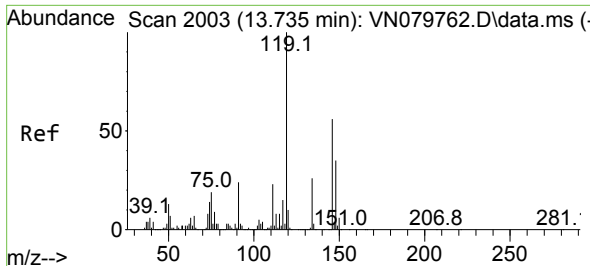
Tgt Ion: 75 Resp: 113124  
Ion Ratio Lower Upper  
75 100  
77 1.2 84.5 253.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.402 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.118 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion: 75 Resp: 113124  
Ion Ratio Lower Upper  
75 100  
53 0.1 67.4 101.2#  
89 0.0 38.8 58.2#

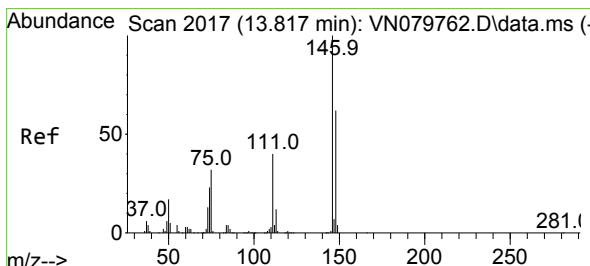
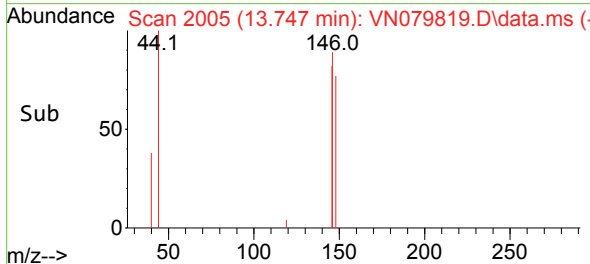
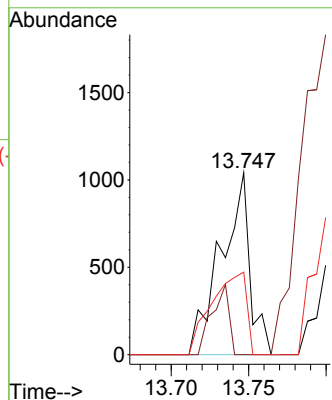
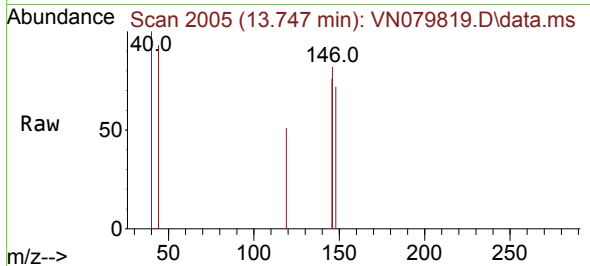




#87  
1,3-Dichlorobenzene  
Concen: 0.207 ug/l  
RT: 13.747 min Scan# 2005  
Delta R.T. 0.012 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

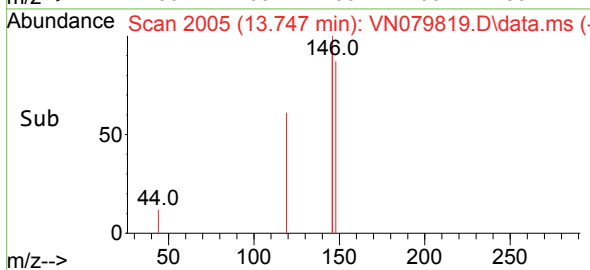
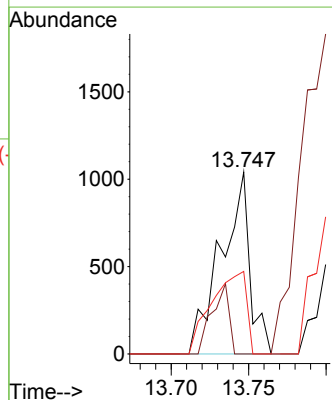
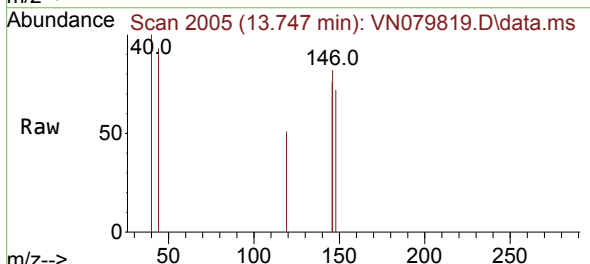
Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

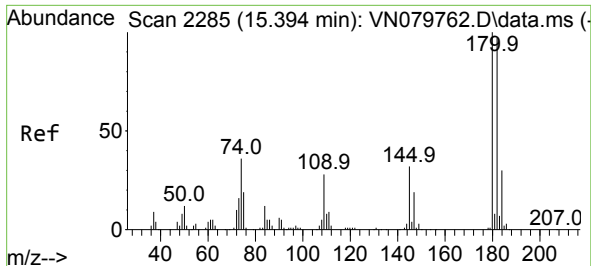
Tgt Ion:146 Resp: 1350  
Ion Ratio Lower Upper  
146 100  
111 22.8 22.1 66.3  
148 54.7 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 0.204 ug/l  
RT: 13.747 min Scan# 2005  
Delta R.T. -0.071 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion:146 Resp: 1350  
Ion Ratio Lower Upper  
146 100  
111 22.8 20.6 61.8  
148 54.7 31.6 94.8

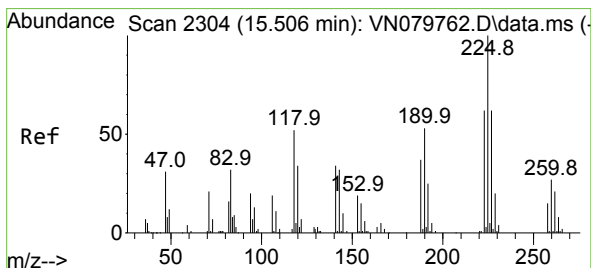
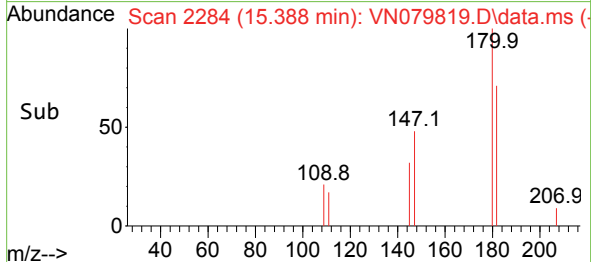
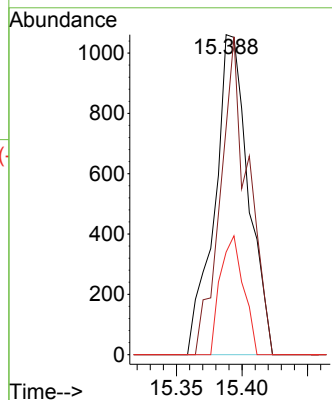
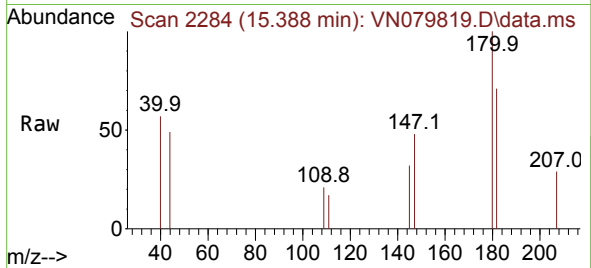




#93  
1,2,4-Trichlorobenzene  
Concen: 0.647 ug/l  
RT: 15.388 min Scan# 210  
Delta R.T. -0.006 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

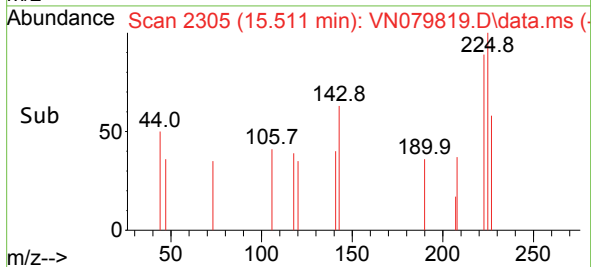
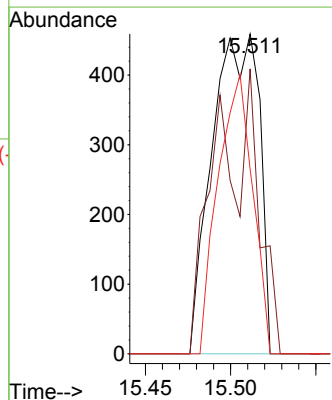
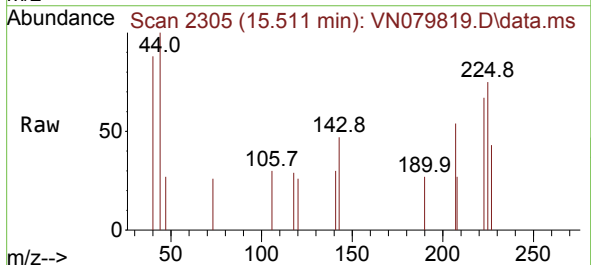
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ClientSampleId :  
FSND-MW-29-20231101

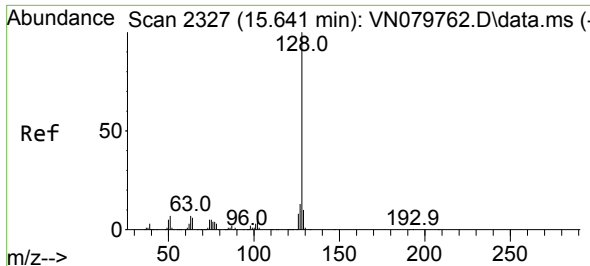
Tgt Ion:180 Resp: 1897  
Ion Ratio Lower Upper  
180 100  
182 82.8 46.1 138.2  
145 25.6 16.6 49.8



#94  
Hexachlorobutadiene  
Concen: 0.663 ug/l  
RT: 15.511 min Scan# 2305  
Delta R.T. 0.006 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion:225 Resp: 881  
Ion Ratio Lower Upper  
225 100  
223 49.9 31.3 93.8  
227 64.4 31.9 95.9

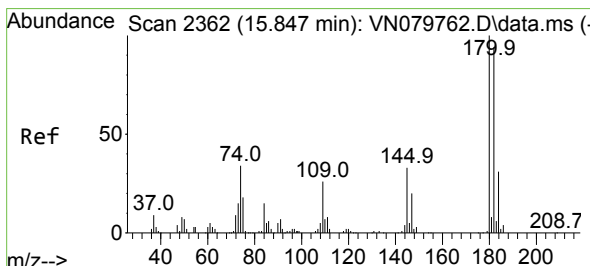
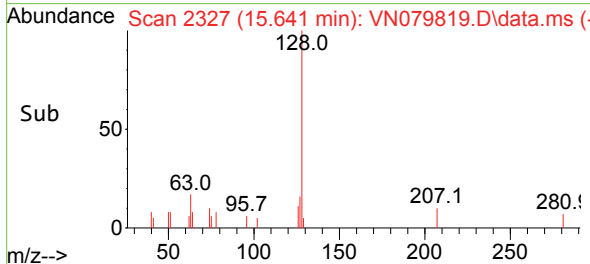
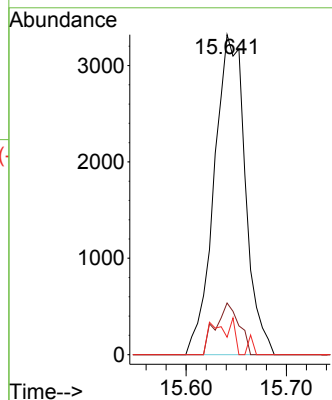
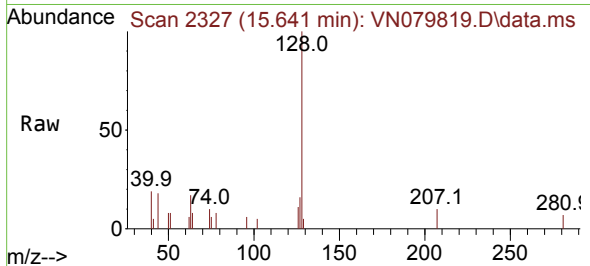




#95  
Naphthalene  
Concen: 0.719 ug/l  
RT: 15.641 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-29-20231101

Tgt Ion:128 Resp: 7147  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.0 15.0  
129 7.2 8.7 13.1#



#96  
1,2,3-Trichlorobenzene  
Concen: 0.685 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VN079819.D  
Acq: 03 Nov 2023 02:47

Tgt Ion:180 Resp: 1969  
Ion Ratio Lower Upper  
180 100  
182 82.0 46.2 138.6  
145 21.7 17.5 52.6

