

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102122\  
 Data File : VN074966.D  
 Acq On : 21 Oct 2022 17:00  
 Operator : JC\MD  
 Sample : N5222-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5

Quant Time: Oct 22 02:54:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102022W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 21 09:37:47 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 665965   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 1120384  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 1131212  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 616660   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 737314   | 41.670   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 83.340% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 564853   | 42.357   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 84.720% |
| 50) Toluene-d8              | 10.571 | 98    | 2378604  | 46.489   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 92.980% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 811499   | 44.964   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 89.920% |

|                               |        |     |        |           |        |    |
|-------------------------------|--------|-----|--------|-----------|--------|----|
| Target Compounds              |        |     |        | Qvalue    |        |    |
| 3) Chloromethane              | 2.383  | 50  | 3630   | Below Cal | #      | 59 |
| 4) Vinyl Chloride             | 2.512  | 62  | 369    | Below Cal | #      | 71 |
| 5) Bromomethane               | 2.906  | 94  | 310    | Below Cal | #      | 4  |
| 6) Chloroethane               | 3.118  | 64  | 4314   | Below Cal | #      | 65 |
| 7) Trichlorofluoromethane     | 3.277  | 101 | 200    | Below Cal | #      | 18 |
| 11) Tert butyl alcohol        | 5.536  | 59  | 4762   | 1.273     | ug/l # | 72 |
| 12) 1,1-Dichloroethene        | 4.371  | 96  | 79     | Below Cal | #      | 1  |
| 13) Acrolein                  | 4.183  | 56  | 172    | Below Cal | #      | 16 |
| 16) Acetone                   | 4.465  | 43  | 13614  | Below Cal |        | 99 |
| 17) Carbon Disulfide          | 4.724  | 76  | 1169   | Below Cal | #      | 74 |
| 19) Methyl tert-butyl Ether   | 5.818  | 73  | 192383 | 4.478     | ug/l # | 75 |
| 20) Methylene Chloride        | 5.294  | 84  | 3682   | Below Cal | #      | 56 |
| 21) trans-1,2-Dichloroethene  | 5.553  | 96  | 201    | Below Cal | #      | 1  |
| 25) 2-Butanone                | 7.500  | 43  | 6404   | 0.594     | ug/l # | 80 |
| 31) Cyclohexane               | 8.235  | 56  | 24143  | 1.336     | ug/l # | 61 |
| 36) 1,1-Dichloropropene       | 8.230  | 75  | 58390  | 3.477     | ug/l # | 46 |
| 38) Carbon Tetrachloride      | 8.224  | 117 | 72144  | 3.946     | ug/l # | 15 |
| 39) Methylcyclohexane         | 9.594  | 83  | 8261   | 0.415     | ug/l # | 81 |
| 40) Benzene                   | 8.612  | 78  | 20315  | 0.392     | ug/l # | 81 |
| 43) Isopropyl Acetate         | 8.706  | 43  | 6777   | 0.221     | ug/l # | 53 |
| 44) Trichloroethene           | 9.353  | 130 | 3598   | 0.283     | ug/l   | 80 |
| 55) 1,1,2-Trichloroethane     | 11.006 | 97  | 17772  | 1.254     | ug/l # | 23 |
| 58) 2-Chloroethyl Vinyl ether | 10.194 | 63  | 56     | 3.615     | ug/l # | 45 |
| 59) 2-Hexanone                | 11.241 | 43  | 5311   | 0.345     | ug/l   | 82 |
| 60) Dibromochloromethane      | 11.100 | 129 | 11597  | 0.779     | ug/l # | 10 |
| 64) Tetrachloroethene         | 11.106 | 164 | 12507  | 1.352     | ug/l # | 75 |
| 67) Ethyl Benzene             | 11.965 | 91  | 15129  | 0.249     | ug/l # | 83 |
| 68) m/p-Xylenes               | 12.076 | 106 | 7009   | 0.296     | ug/l   | 75 |
| 71) Bromoform                 | 12.853 | 173 | 6348   | 0.652     | ug/l # | 1  |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75  | 445606 | 26.646    | ug/l # | 1  |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75  | 445606 | 85.433    | ug/l # | 10 |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105 | 10864  | 0.247     | ug/l   | 93 |
| 86) p-Isopropyltoluene        | 13.888 | 119 | 9732   | 0.219     | ug/l   | 88 |
| 89) n-Butylbenzene            | 14.035 | 91  | 10360  | 0.272     | ug/l # | 1  |
| 90) Hexachloroethane          | 14.447 | 117 | 253762 | 29.418    | ug/l # | 20 |
| 95) Naphthalene               | 15.647 | 128 | 37248  | 0.994     | ug/l # | 94 |

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Sample : N5222-12  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

Quant Time: Oct 22 02:54:47 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102022W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 21 09:37:47 2022  
Response via : Initial Calibration

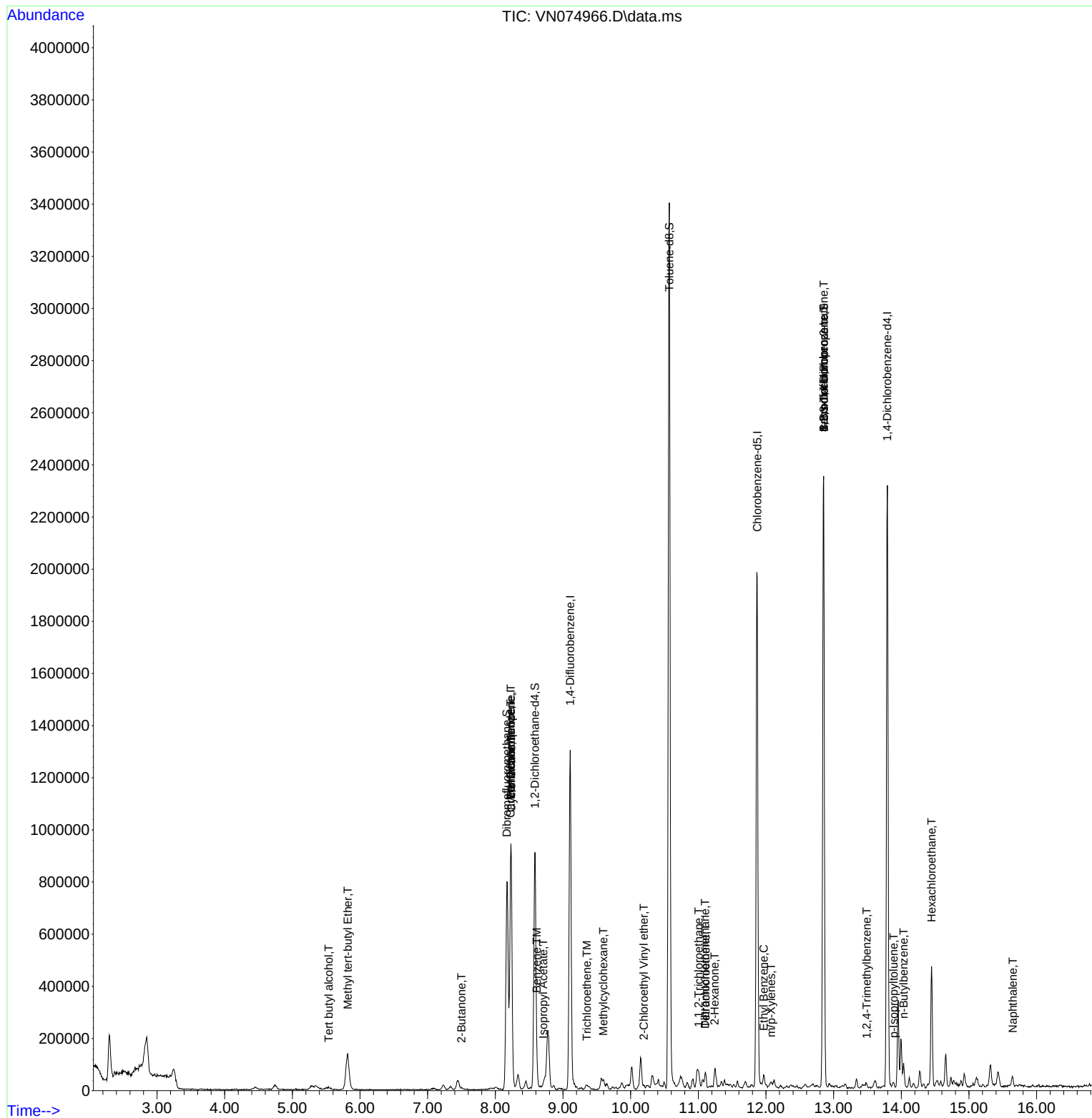
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
| -----    |      |      |          |      |       |          |
| -----    |      |      |          |      |       |          |

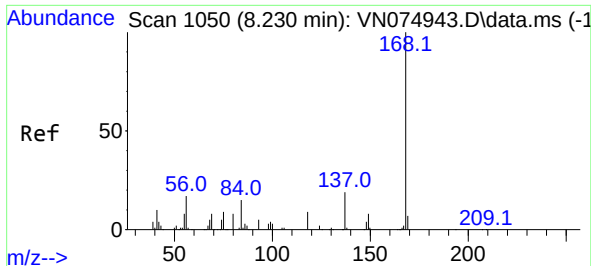
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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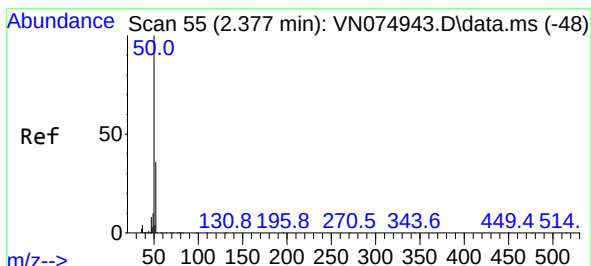
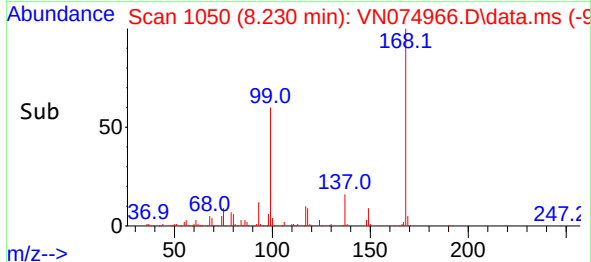
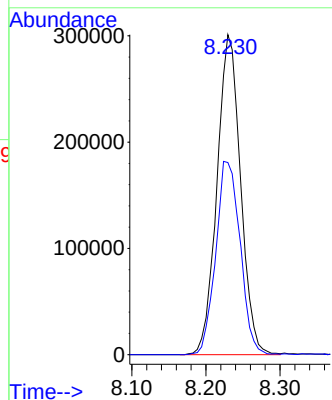
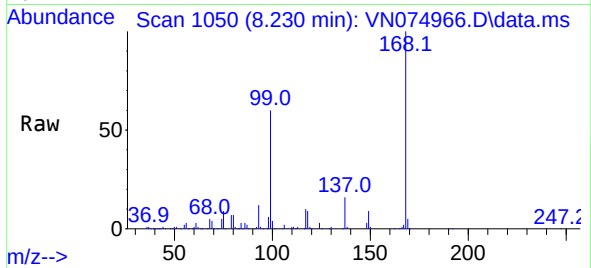




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

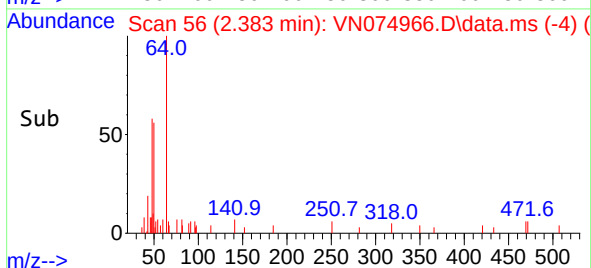
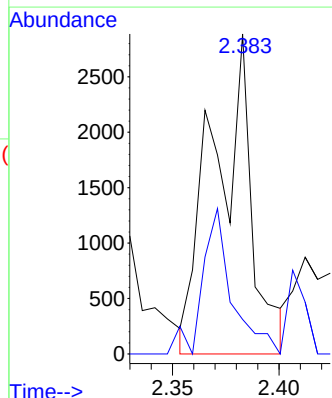
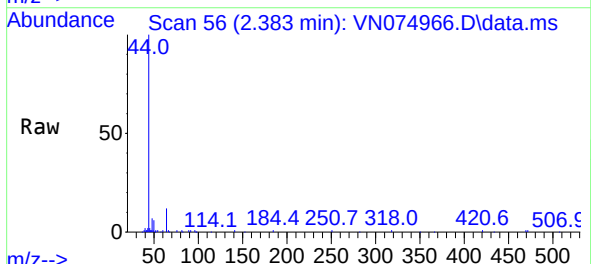
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

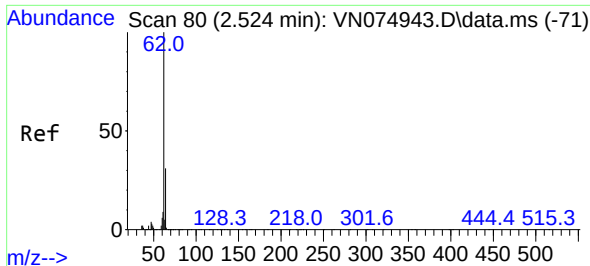
Tgt Ion:168 Resp: 665965  
Ion Ratio Lower Upper  
168 100  
99 60.0 52.2 78.4



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.383 min Scan# 56  
Delta R.T. 0.006 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 50 Resp: 3630  
Ion Ratio Lower Upper  
50 100  
52 11.7 28.8 43.2#

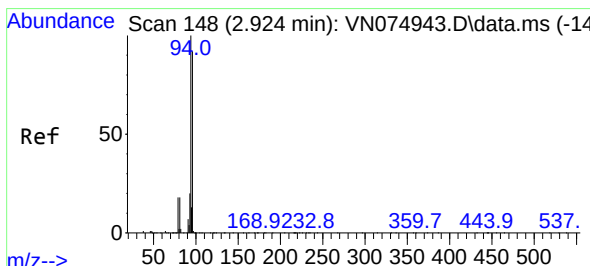
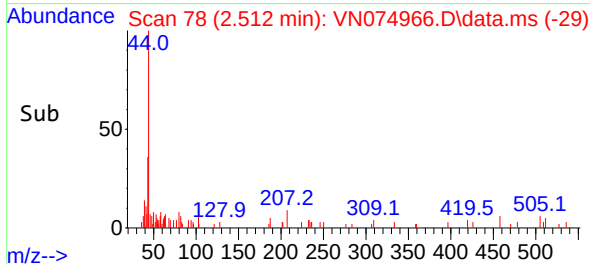
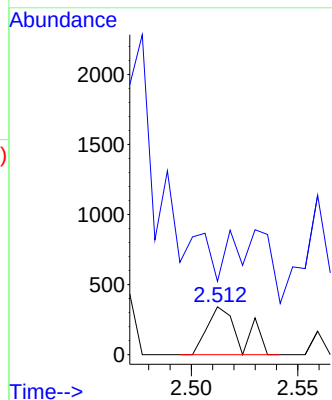
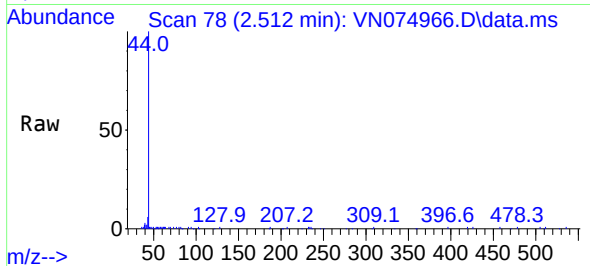




#4  
 Vinyl Chloride  
 Concen: Below Cal  
 RT: 2.512 min Scan# 71  
 Delta R.T. -0.012 min  
 Lab File: VN074966.D  
 Acq: 21 Oct 2022 17:00

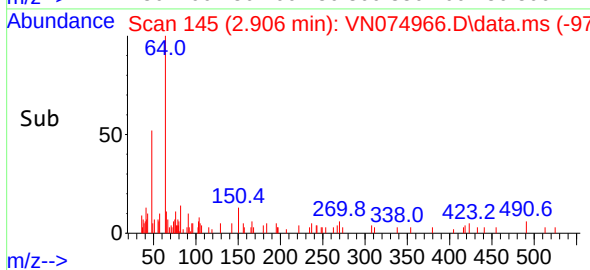
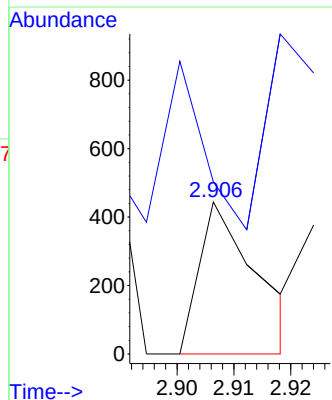
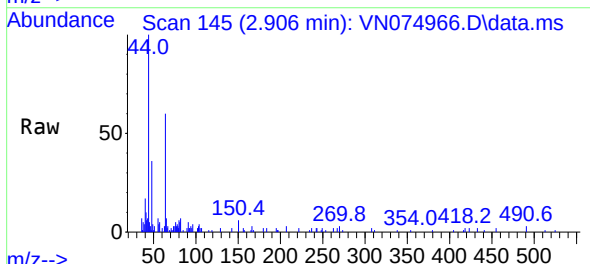
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5

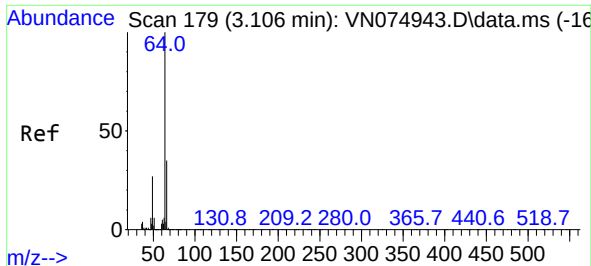
Tgt Ion: 62 Resp: 369  
 Ion Ratio Lower Upper  
 62 100  
 64 46.3 24.5 36.7#



#5  
 Bromomethane  
 Concen: Below Cal  
 RT: 2.906 min Scan# 145  
 Delta R.T. -0.018 min  
 Lab File: VN074966.D  
 Acq: 21 Oct 2022 17:00

Tgt Ion: 94 Resp: 310  
 Ion Ratio Lower Upper  
 94 100  
 96 0.0 73.5 110.3#

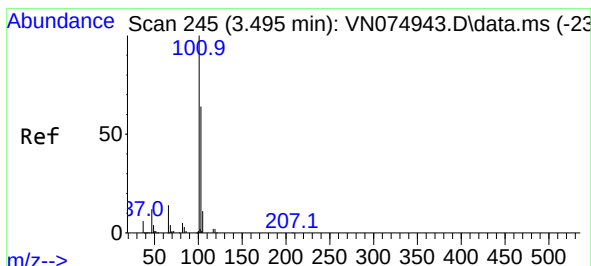
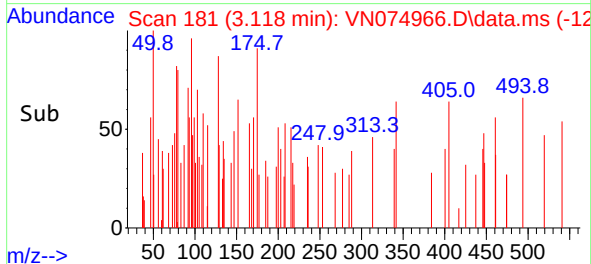
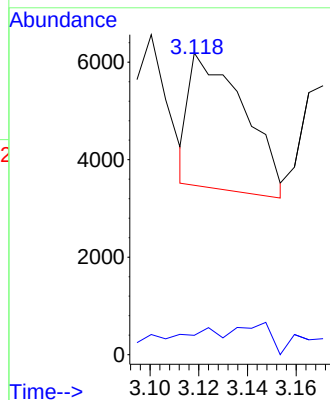
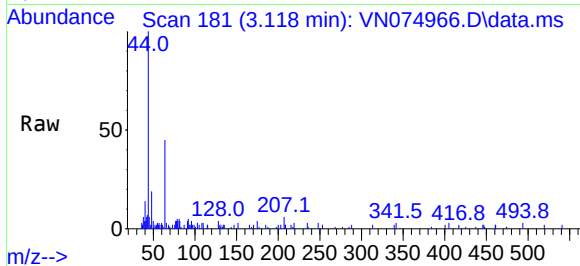




#6  
Chloroethane  
Concen: Below Cal  
RT: 3.118 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

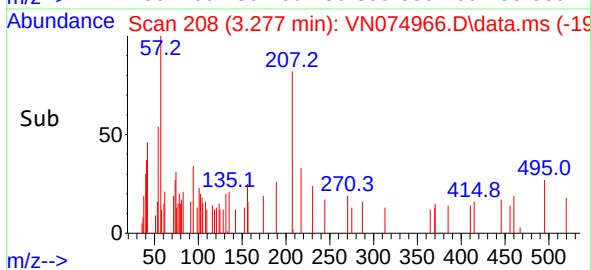
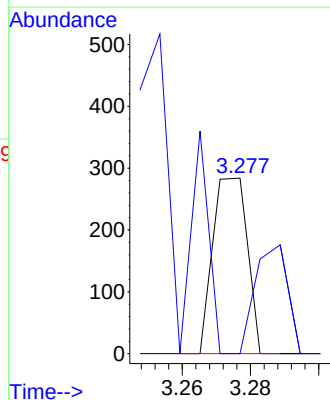
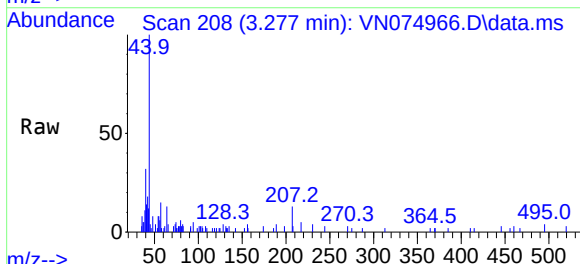
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

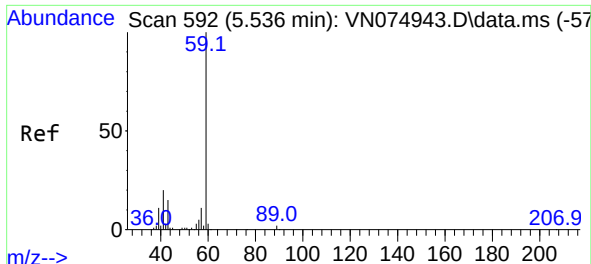
Tgt Ion: 64 Resp: 4314  
Ion Ratio Lower Upper  
64 100  
66 14.8 27.9 41.9#



#7  
Trichlorofluoromethane  
Concen: Below Cal  
RT: 3.277 min Scan# 208  
Delta R.T. -0.218 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion:101 Resp: 200  
Ion Ratio Lower Upper  
101 100  
103 0.0 51.5 77.3#

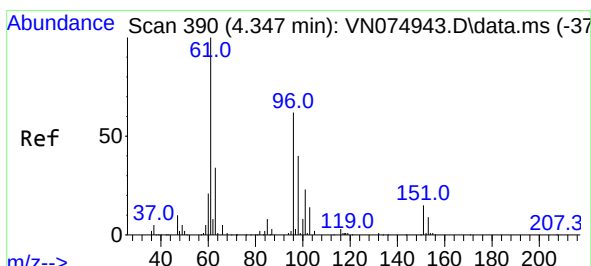
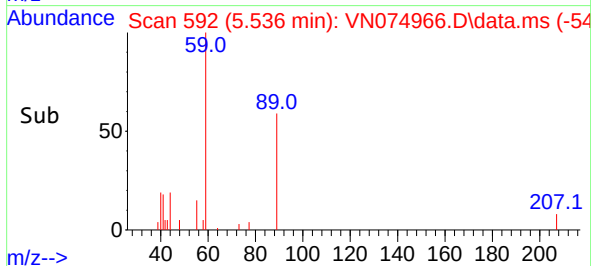
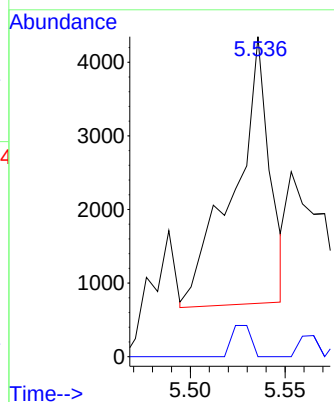
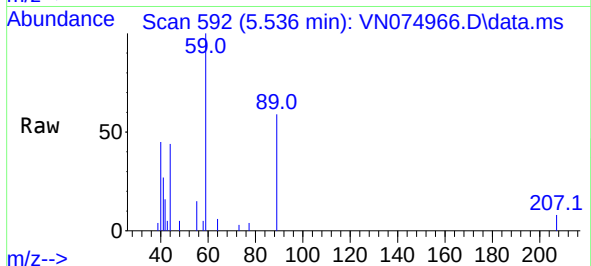




#11  
Tert butyl alcohol  
Concen: 1.273 ug/l  
RT: 5.536 min Scan# 591  
Delta R.T. -0.000 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

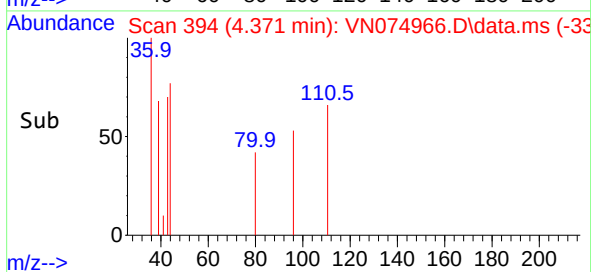
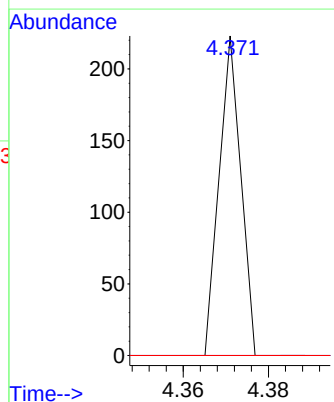
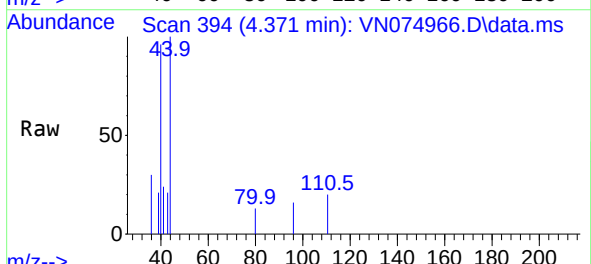
Instrument :  
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ClientSampleId :  
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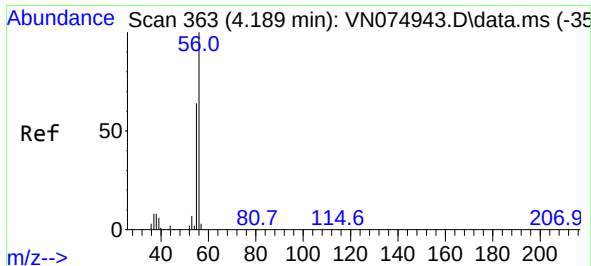
Tgt Ion: 59 Resp: 4762  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#12  
1,1-Dichloroethene  
Concen: Below Cal  
RT: 4.371 min Scan# 394  
Delta R.T. 0.024 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 96 Resp: 79  
Ion Ratio Lower Upper  
96 100  
61 0.0 128.9 193.3#  
98 0.0 51.8 77.8#

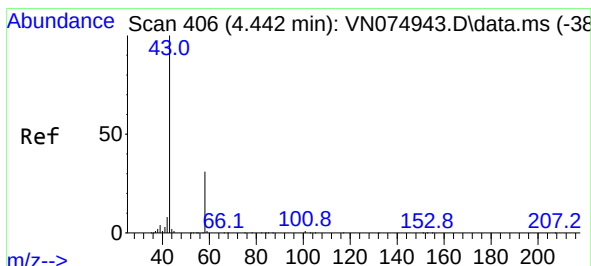
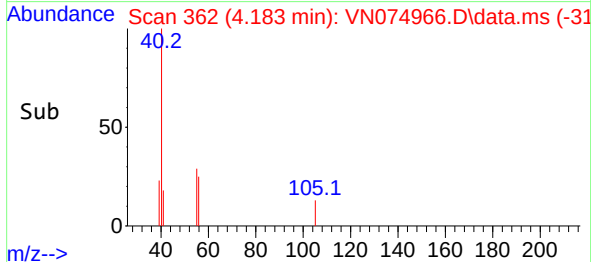
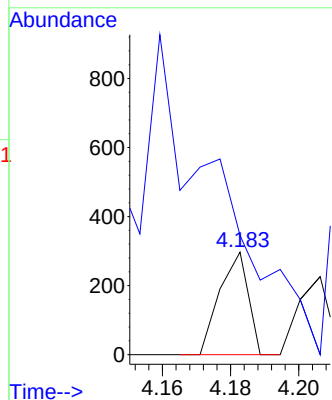
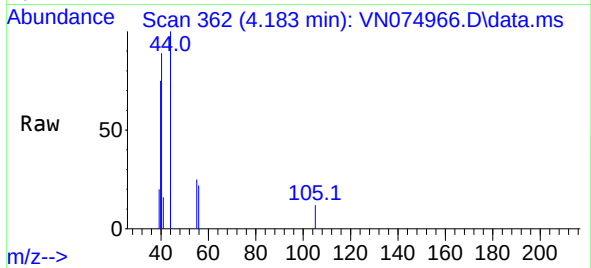




#13  
Acrolein  
Concen: Below Cal  
RT: 4.183 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

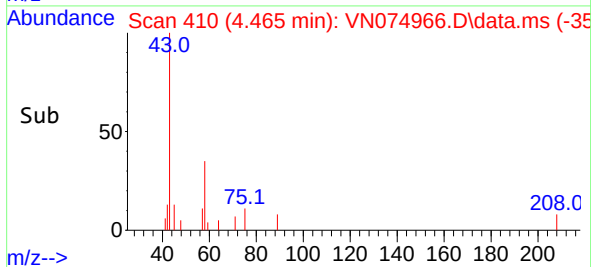
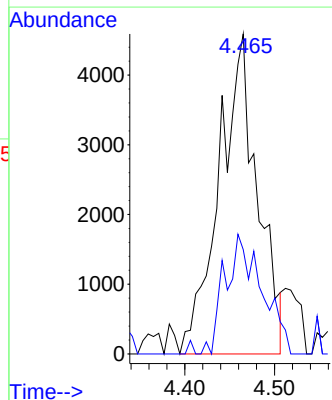
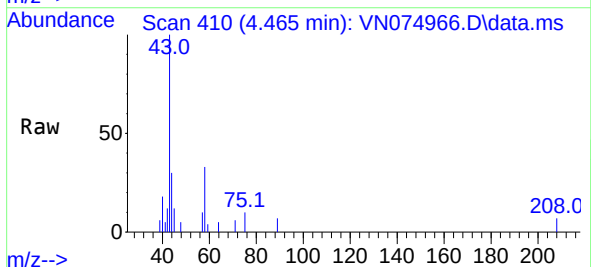
Instrument :  
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ClientSampleId :  
MW-5

Tgt Ion: 56 Resp: 172  
Ion Ratio Lower Upper  
56 100  
55 0.0 53.7 80.5#

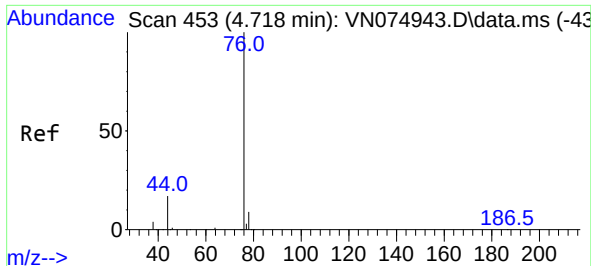


#16  
Acetone  
Concen: Below Cal  
RT: 4.465 min Scan# 410  
Delta R.T. 0.023 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 43 Resp: 13614  
Ion Ratio Lower Upper  
43 100  
58 32.6 25.7 38.5



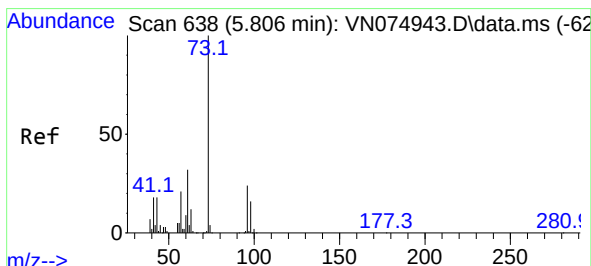
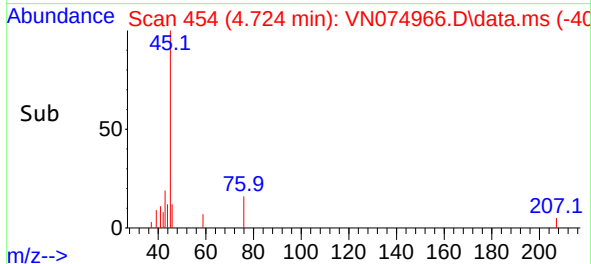
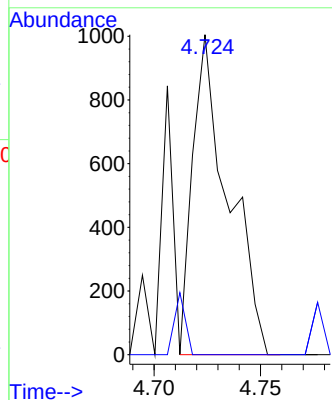
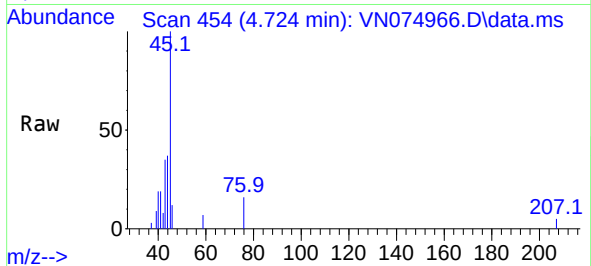




#17  
Carbon Disulfide  
Concen: Below Cal  
RT: 4.724 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

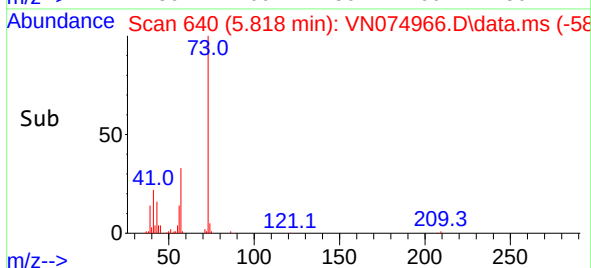
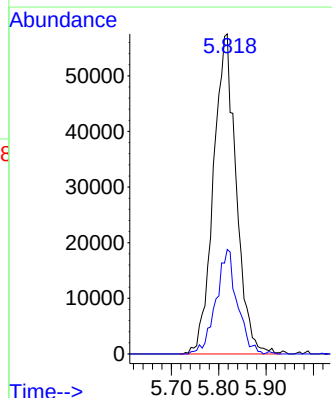
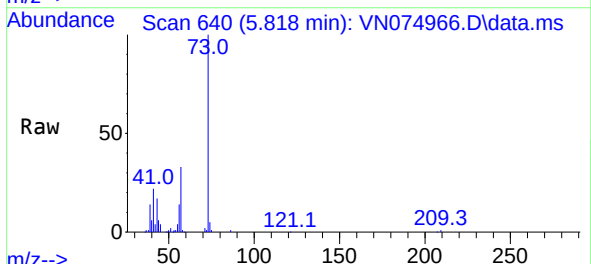
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

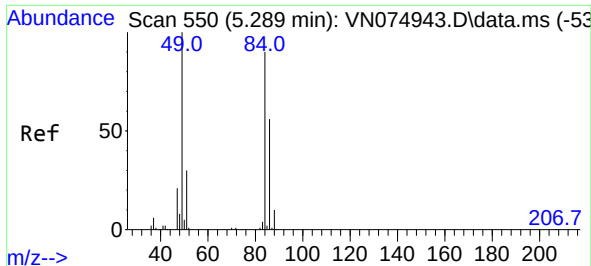
Tgt Ion: 76 Resp: 1169  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.2#



#19  
Methyl tert-butyl Ether  
Concen: 4.478 ug/l  
RT: 5.818 min Scan# 640  
Delta R.T. 0.012 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 73 Resp: 192383  
Ion Ratio Lower Upper  
73 100  
57 32.6 16.9 25.3#

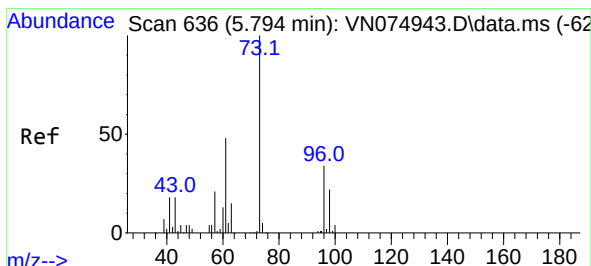
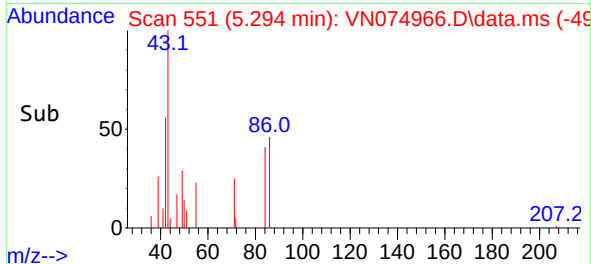
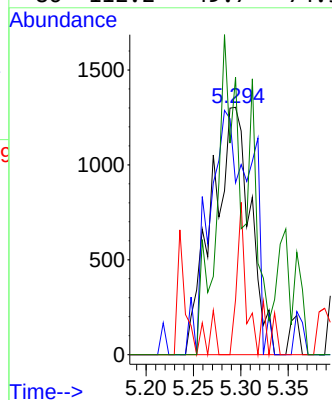
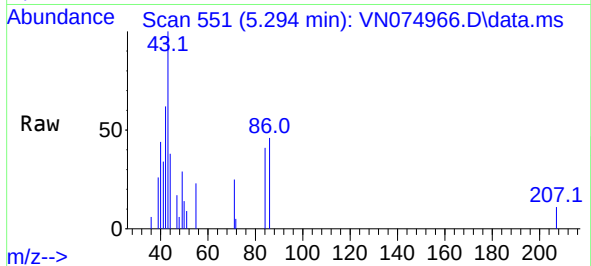




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 5.294 min Scan# 51  
Delta R.T. 0.005 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

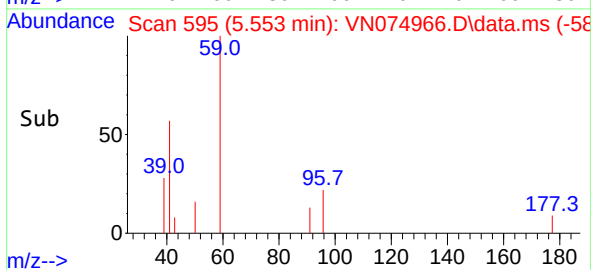
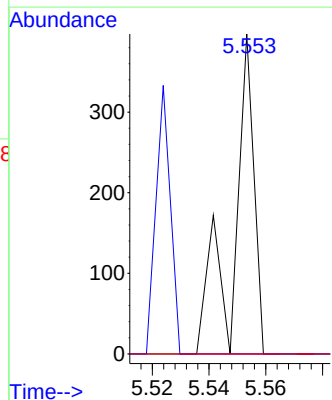
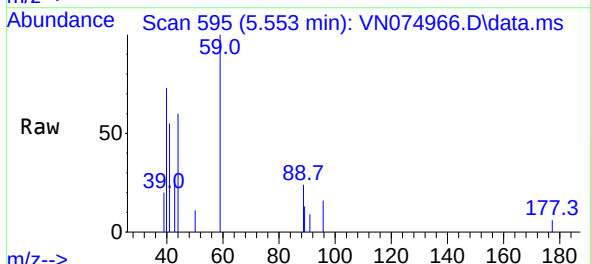
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

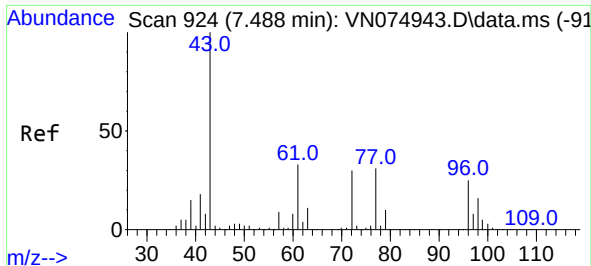
Tgt Ion: 84 Resp: 3682  
Ion Ratio Lower Upper  
84 100  
49 69.5 88.6 133.0#  
51 22.3 26.7 40.1#  
86 112.2 49.7 74.5#



#21  
trans-1,2-Dichloroethene  
Concen: Below Cal  
RT: 5.553 min Scan# 595  
Delta R.T. -0.241 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 96 Resp: 201  
Ion Ratio Lower Upper  
96 100  
61 0.0 112.6 169.0#  
98 0.0 52.4 78.6#

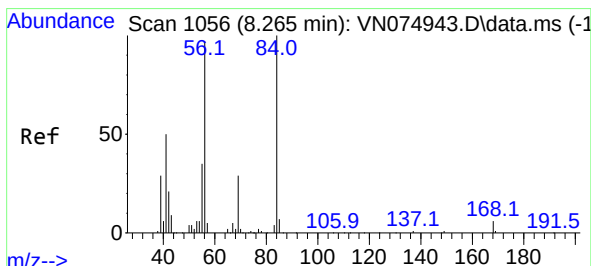
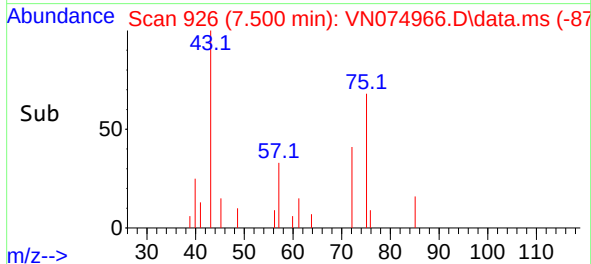
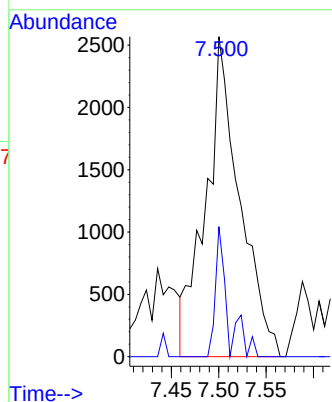
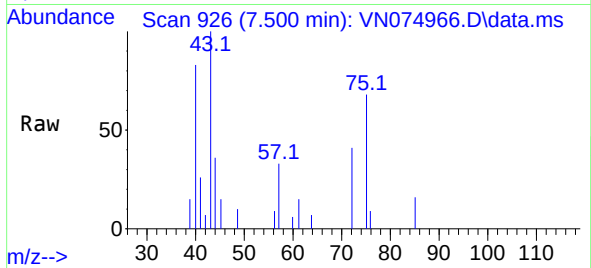




#25  
2-Butanone  
Concen: 0.594 ug/l  
RT: 7.500 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

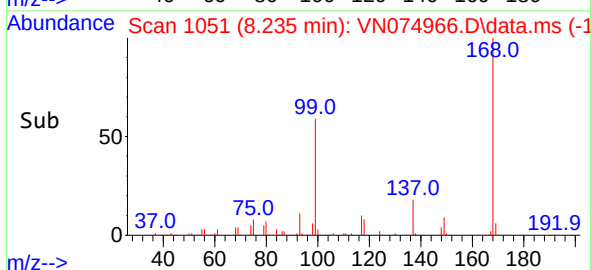
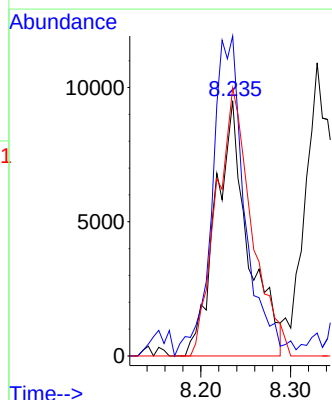
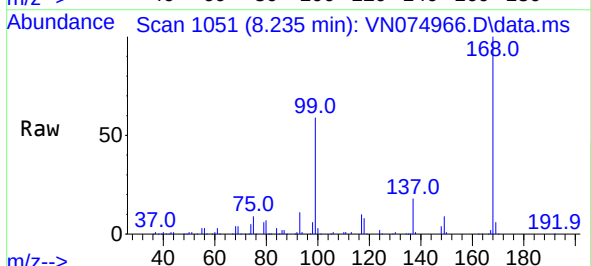
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

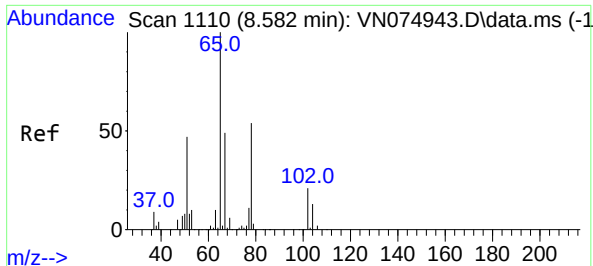
Tgt Ion: 43 Resp: 6404  
Ion Ratio Lower Upper  
43 100  
72 40.7 23.9 35.9#



#31  
Cyclohexane  
Concen: 1.336 ug/l  
RT: 8.235 min Scan# 1051  
Delta R.T. -0.029 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 56 Resp: 24143  
Ion Ratio Lower Upper  
56 100  
69 121.6 24.2 36.2#  
84 105.0 82.8 124.2

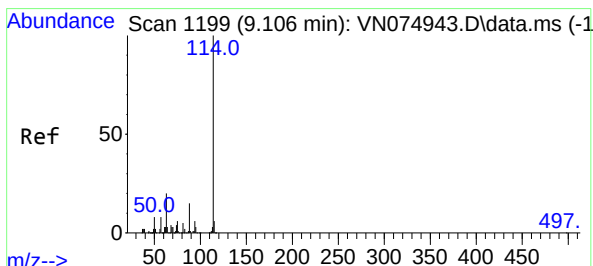
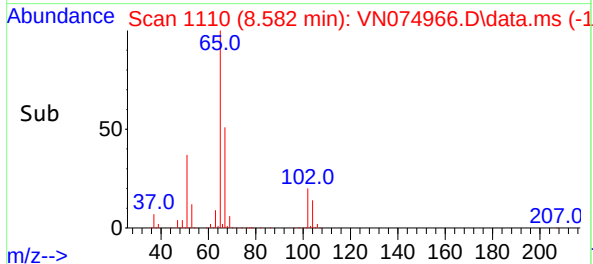
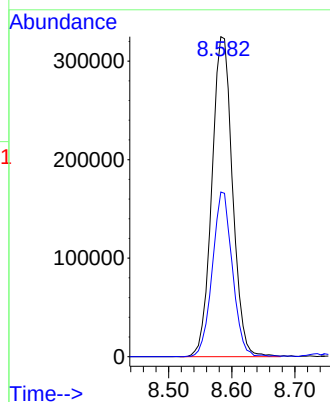
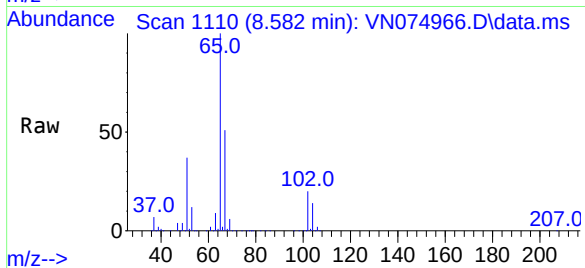




#33  
1,2-Dichloroethane-d4  
Concen: 41.670 ug/l  
RT: 8.582 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

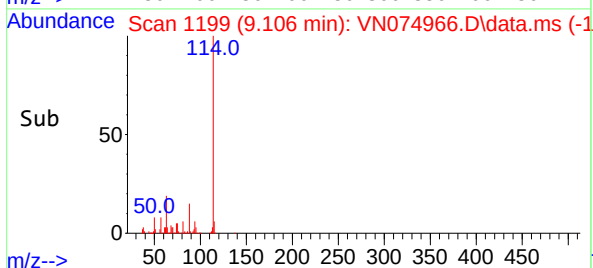
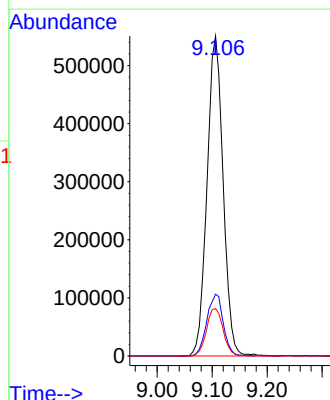
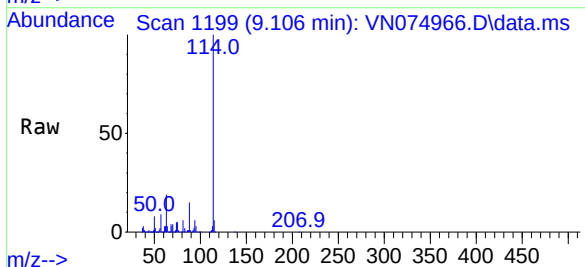
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

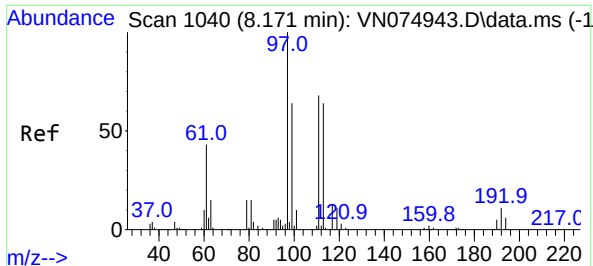
Tgt Ion: 65 Resp: 737314  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 102.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 114 Resp: 1120384  
Ion Ratio Lower Upper  
114 100  
63 19.3 0.0 39.8  
88 14.8 0.0 30.4

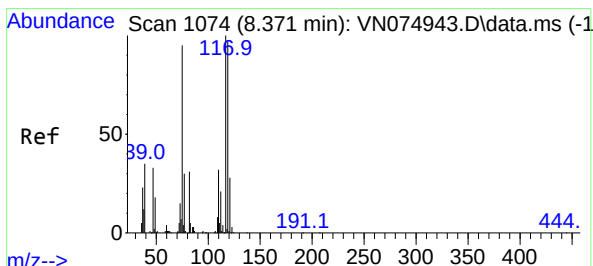
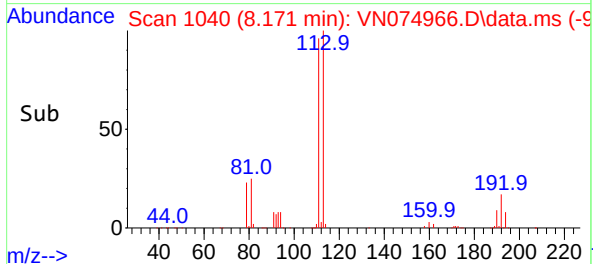
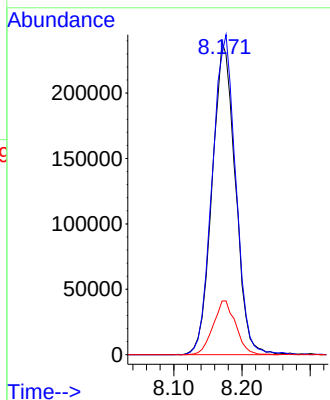
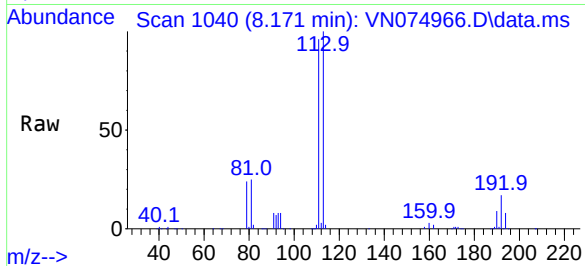




#35  
Dibromofluoromethane  
Concen: 42.357 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

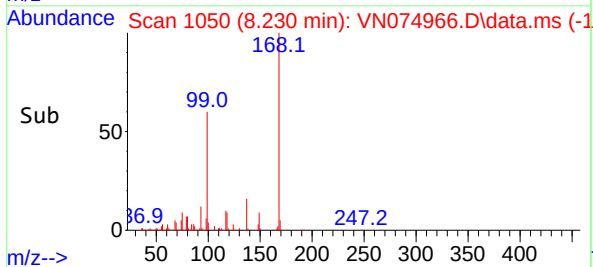
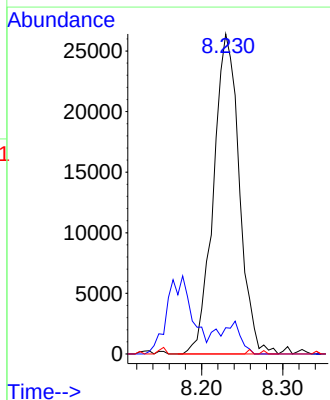
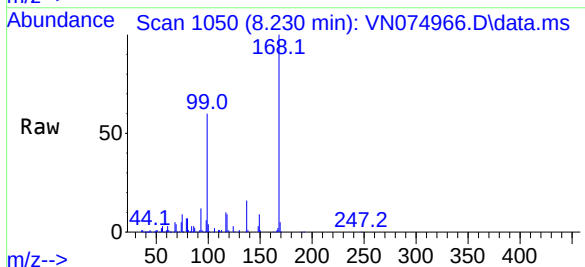
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

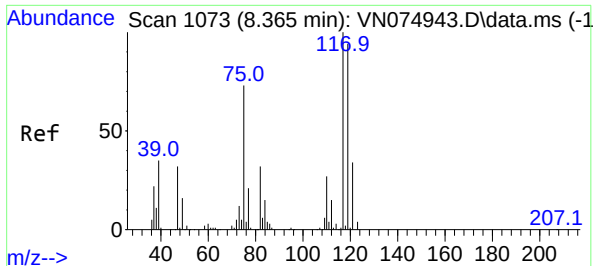
Tgt Ion:113 Resp: 564853  
Ion Ratio Lower Upper  
113 100  
111 103.8 83.4 125.2  
192 16.8 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 3.477 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.141 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 75 Resp: 58390  
Ion Ratio Lower Upper  
75 100  
110 5.8 18.1 54.4#  
77 0.0 25.0 37.4#

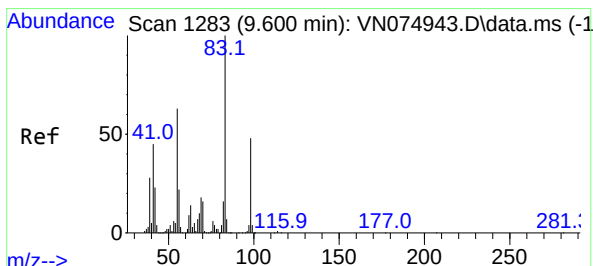
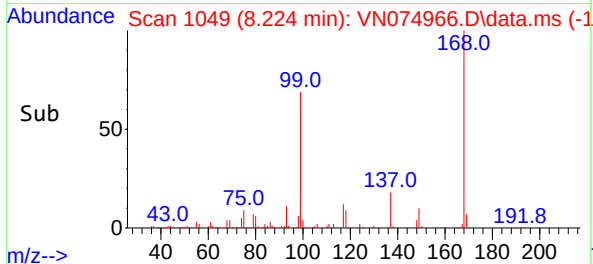
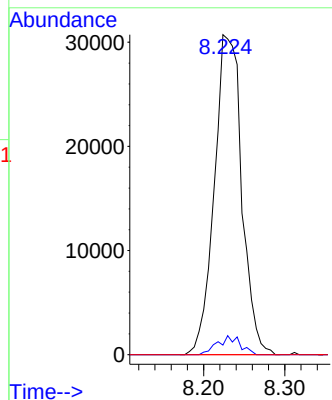
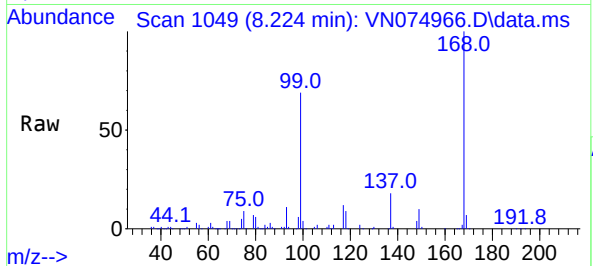




#38  
Carbon Tetrachloride  
Concen: 3.946 ug/l  
RT: 8.224 min Scan# 1049  
Delta R.T. -0.141 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

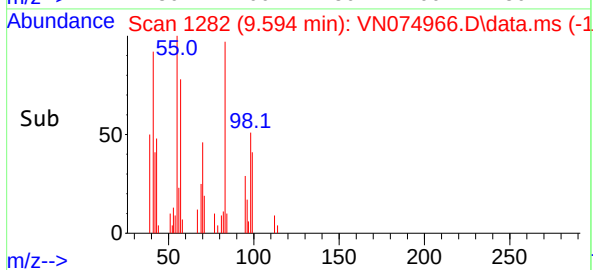
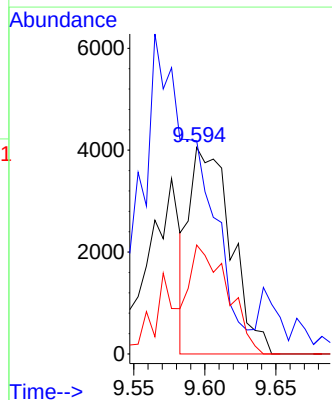
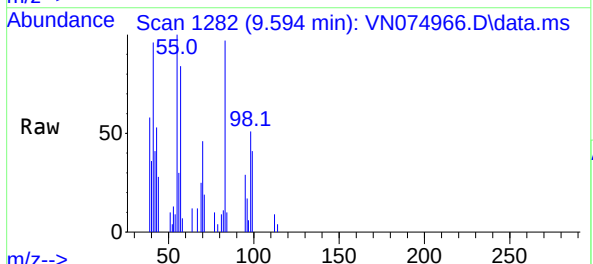
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

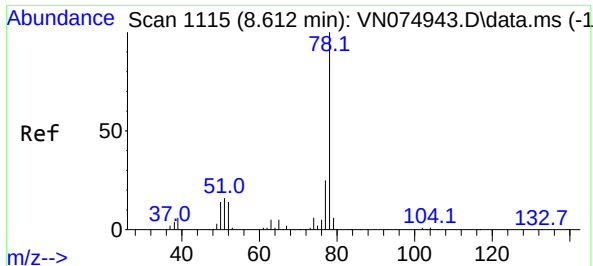
Tgt Ion:117 Resp: 72144  
Ion Ratio Lower Upper  
117 100  
119 3.0 75.2 112.8#  
121 0.0 27.0 40.6#



#39  
Methylcyclohexane  
Concen: 0.415 ug/l  
RT: 9.594 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 83 Resp: 8261  
Ion Ratio Lower Upper  
83 100  
55 85.4 50.8 76.2#  
98 52.8 38.8 58.2

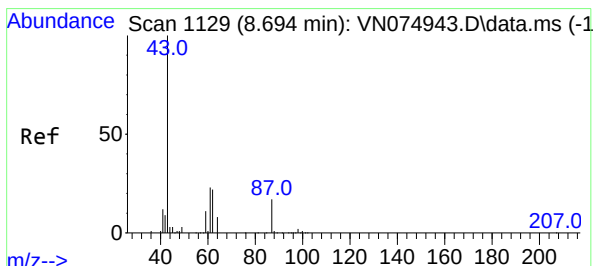
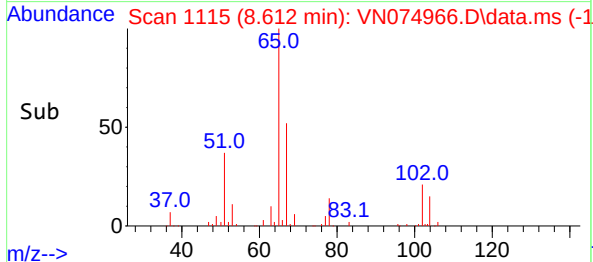
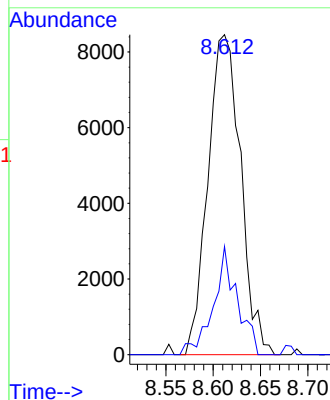
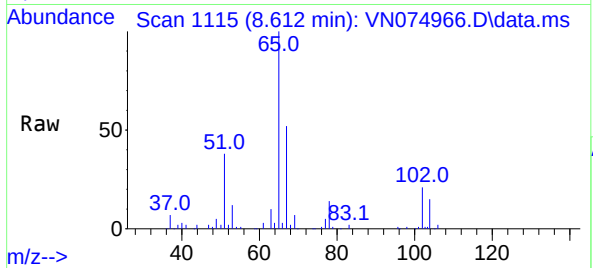




#40  
Benzene  
Concen: 0.392 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

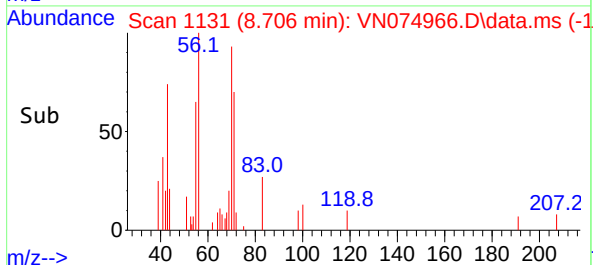
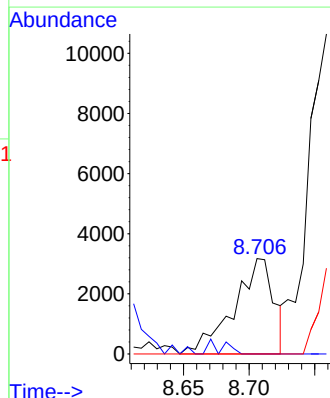
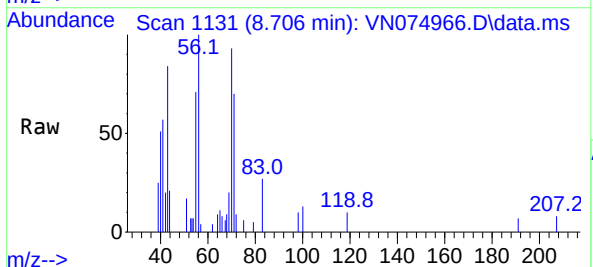
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

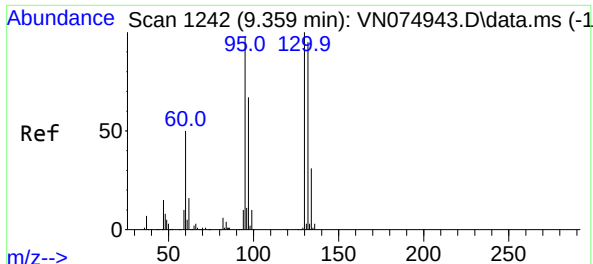
Tgt Ion: 78 Resp: 20315  
Ion Ratio Lower Upper  
78 100  
77 33.8 19.6 29.4#



#43  
Isopropyl Acetate  
Concen: 0.221 ug/l  
RT: 8.706 min Scan# 1131  
Delta R.T. 0.012 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 43 Resp: 6777  
Ion Ratio Lower Upper  
43 100  
61 0.0 22.3 33.5#  
87 0.0 12.8 19.2#

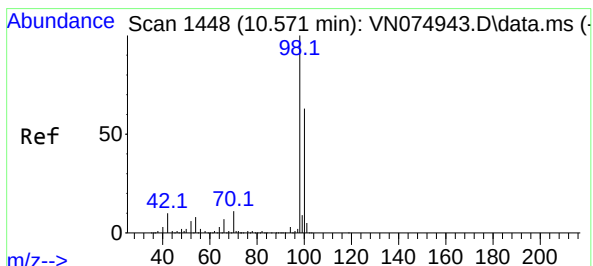
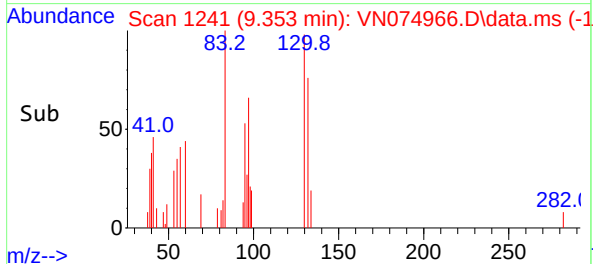
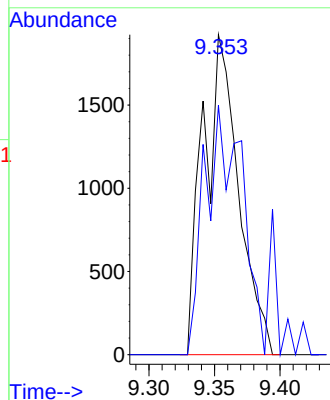
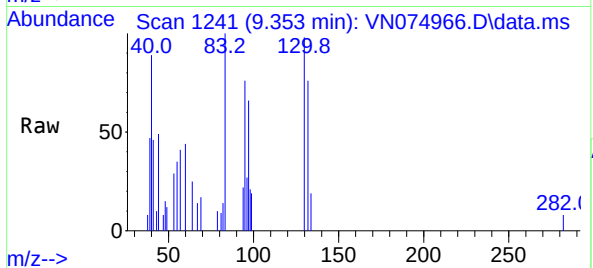




#44  
Trichloroethene  
Concen: 0.283 ug/l  
RT: 9.353 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

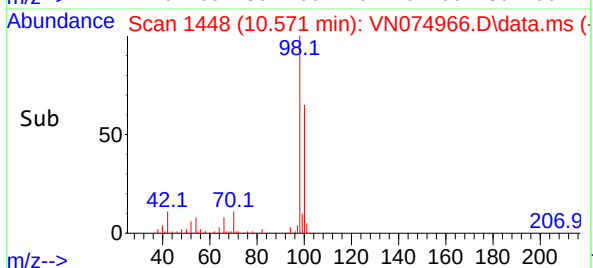
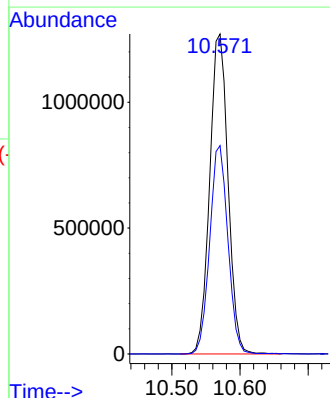
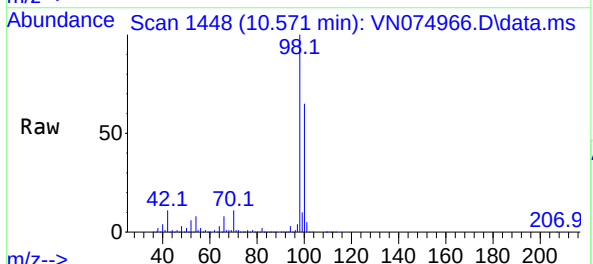
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

Tgt Ion:130 Resp: 3598  
Ion Ratio Lower Upper  
130 100  
95 77.9 0.0 195.8

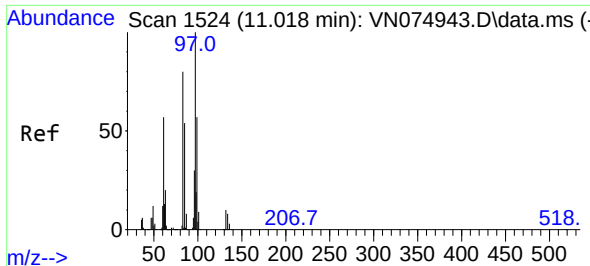


#50  
Toluene-d8  
Concen: 46.489 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 98 Resp: 2378604  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.4 77.2



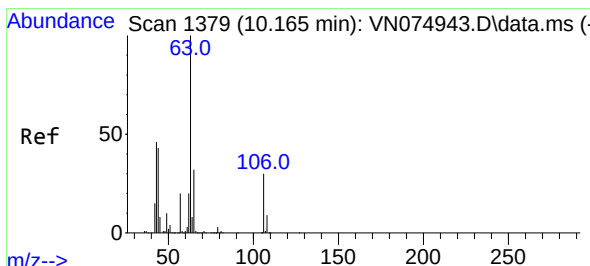
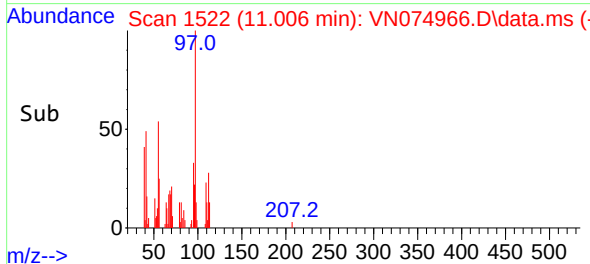
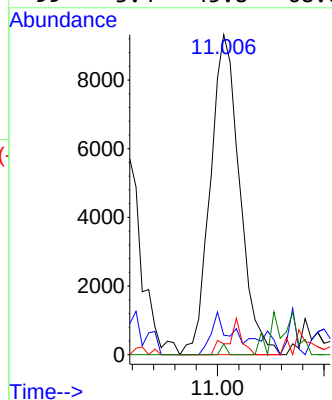
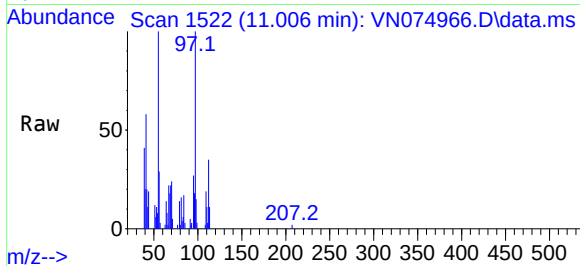




#55  
1,1,2-Trichloroethane  
Concen: 1.254 ug/l  
RT: 11.006 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

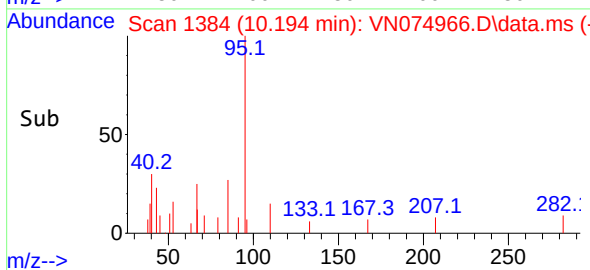
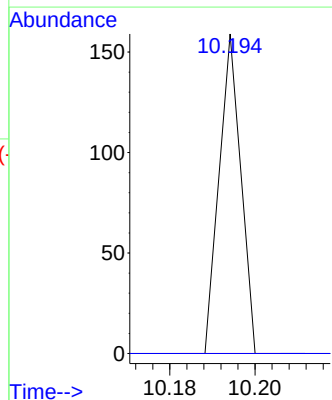
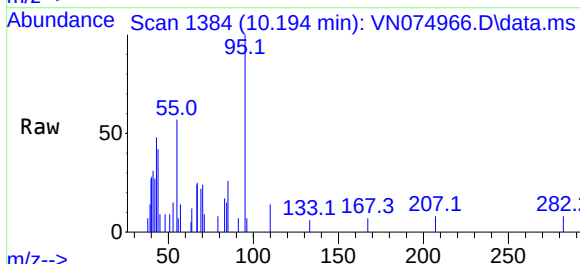
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

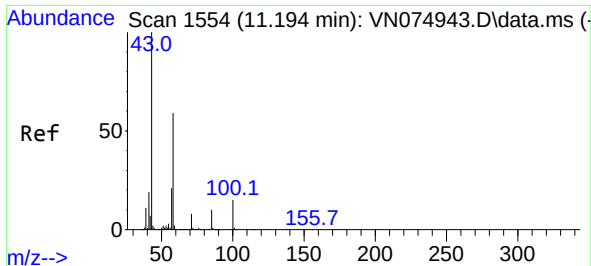
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 17772 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 6.1   | 64.2  | 96.4# |
| 85       | 3.4   | 43.3  | 64.9# |
| 99       | 3.4   | 45.8  | 68.6# |



#58  
2-Chloroethyl Vinyl ether  
Concen: 3.615 ug/l  
RT: 10.194 min Scan# 1384  
Delta R.T. 0.029 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 56    |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 106      | 0.0   | 24.1  | 36.1# |

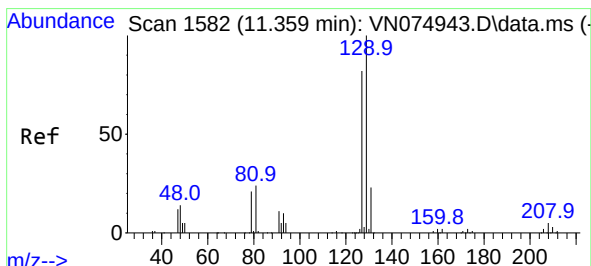
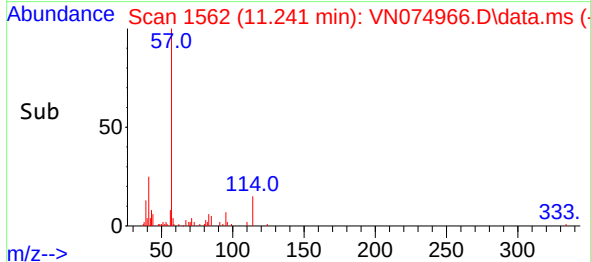
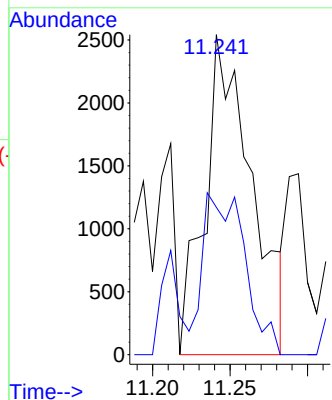
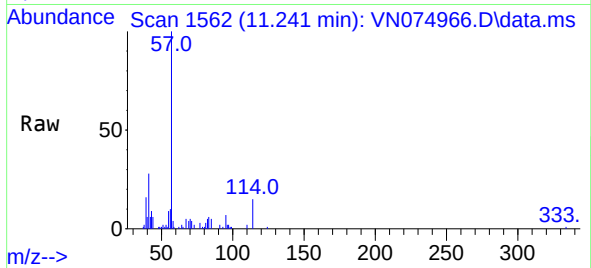




#59  
2-Hexanone  
Concen: 0.345 ug/l  
RT: 11.241 min Scan# 11  
Delta R.T. 0.047 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

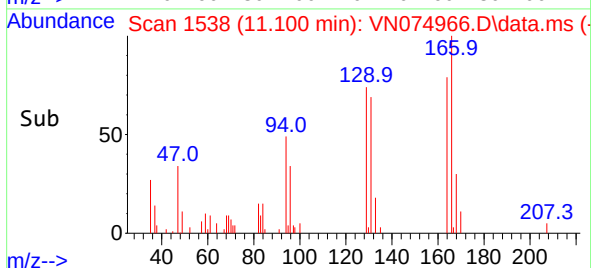
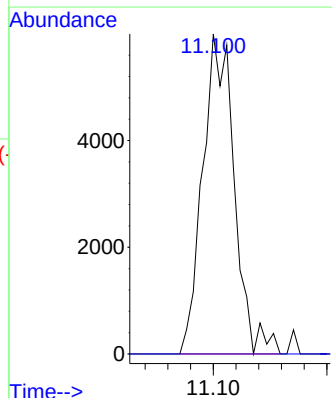
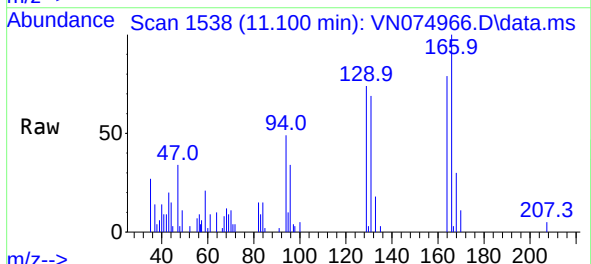
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

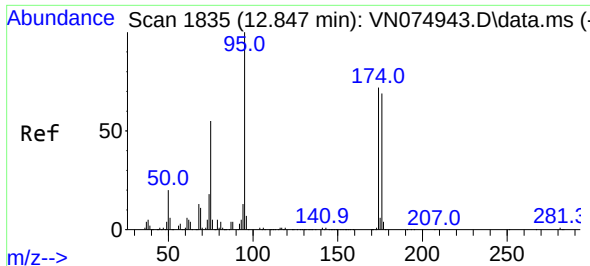
Tgt Ion: 43 Resp: 5311  
Ion Ratio Lower Upper  
43 100  
58 45.3 29.5 88.5



#60  
Dibromochloromethane  
Concen: 0.779 ug/l  
RT: 11.100 min Scan# 1538  
Delta R.T. -0.259 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 129 Resp: 11597  
Ion Ratio Lower Upper  
129 100  
127 0.0 39.0 116.9#

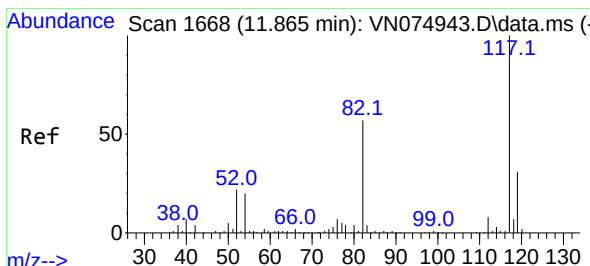
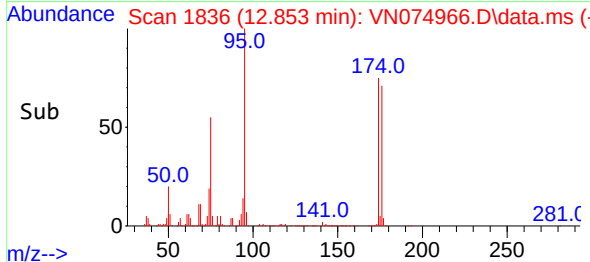
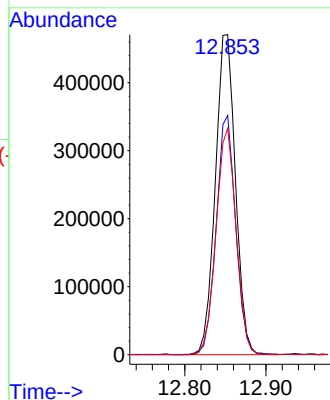
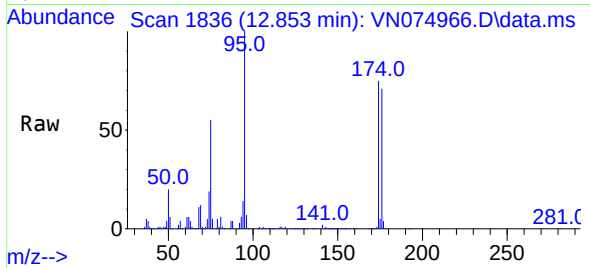




#62  
4-Bromofluorobenzene  
Concen: 44.964 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

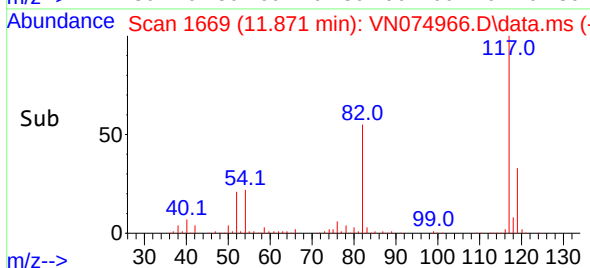
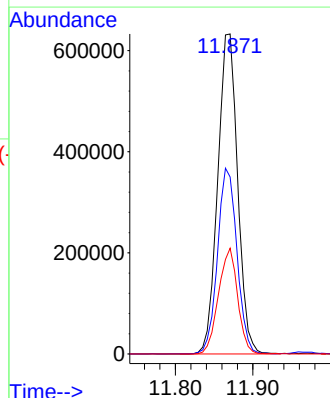
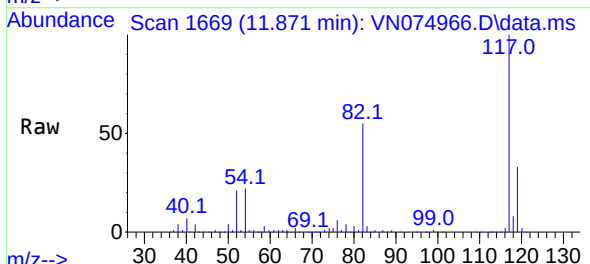
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

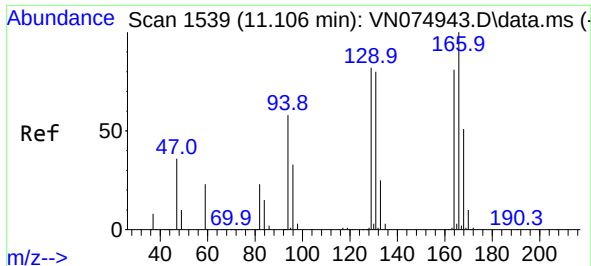
Tgt Ion: 95 Resp: 811499  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 143.0  
176 70.2 0.0 138.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 117 Resp: 1131212  
Ion Ratio Lower Upper  
117 100  
82 55.3 45.6 68.4  
119 33.1 25.1 37.7

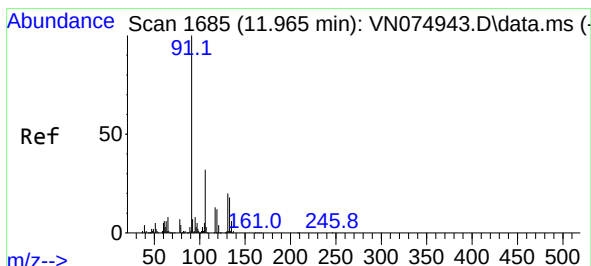
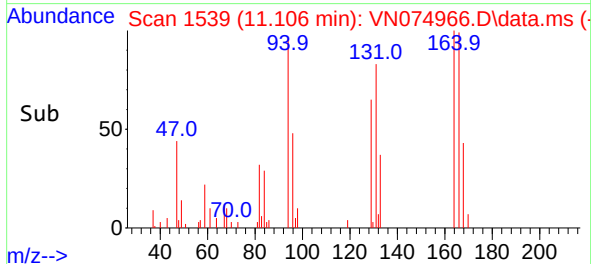
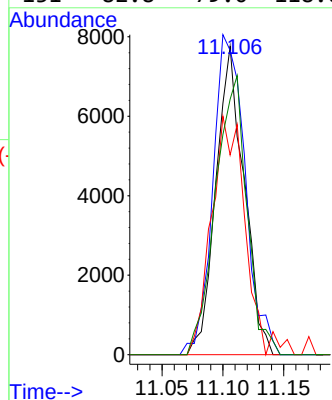
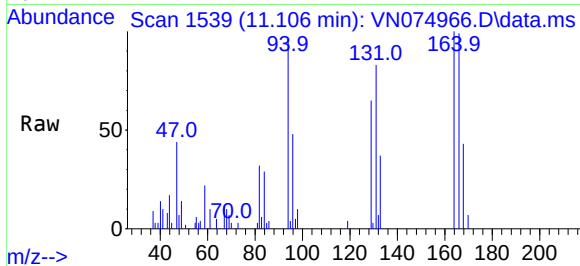




#64  
Tetrachloroethene  
Concen: 1.352 ug/l  
RT: 11.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

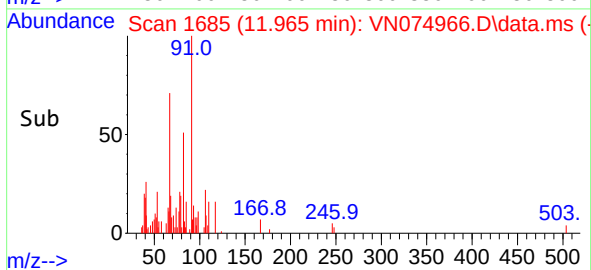
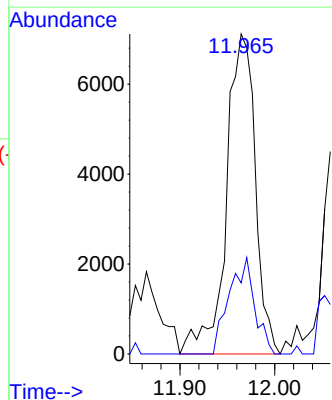
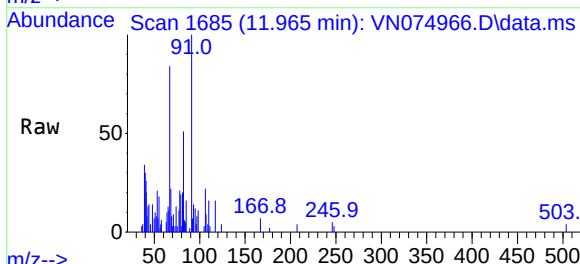
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

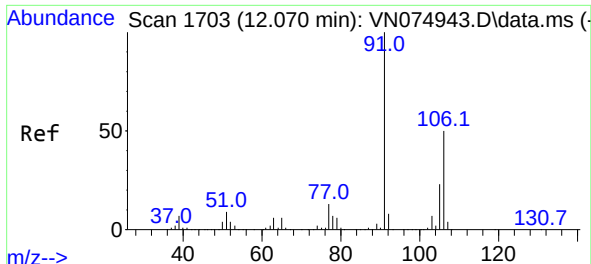
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 12507       |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 166         | 98.7  | 98.6 148.0  |
| 129         | 64.7  | 81.2 121.8# |
| 131         | 82.8  | 79.0 118.6  |



#67  
Ethyl Benzene  
Concen: 0.249 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 91 | Resp: | 15129       |
| Ion         | Ratio | Lower Upper |
| 91          | 100   |             |
| 106         | 22.2  | 25.4 38.2#  |

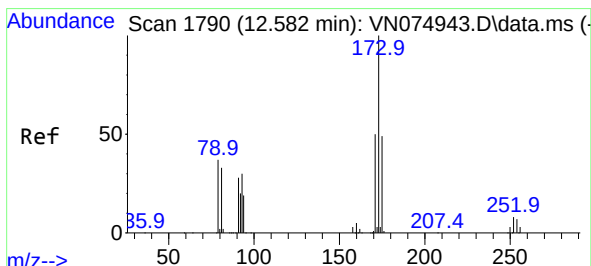
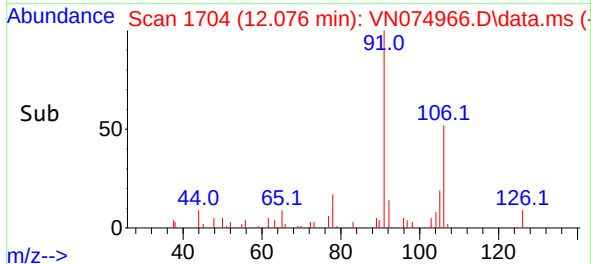
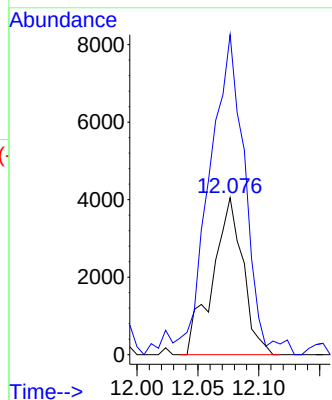
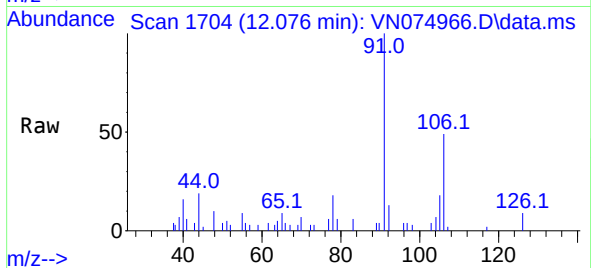




#68  
m/p-Xylenes  
Concen: 0.296 ug/l  
RT: 12.076 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

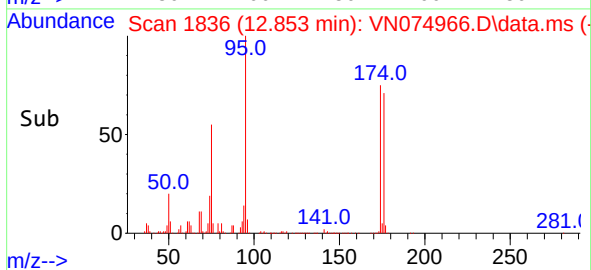
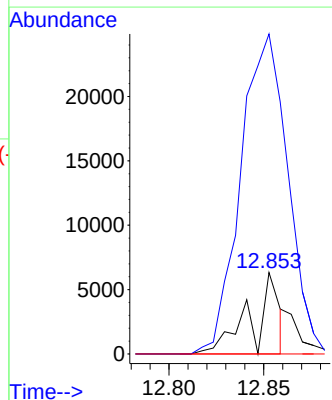
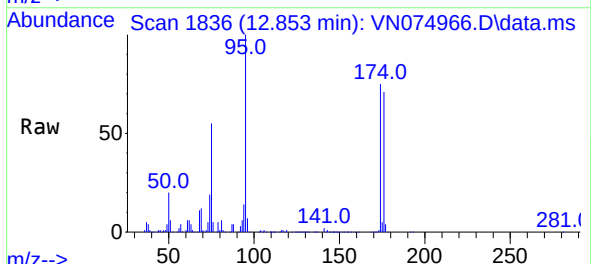
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

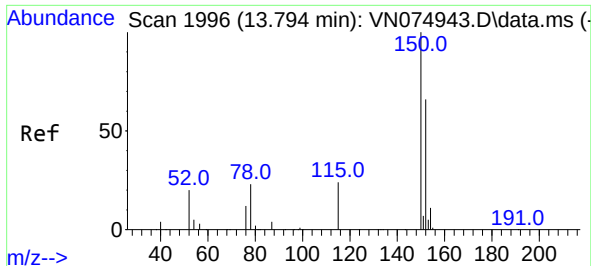
Tgt Ion:106 Resp: 7009  
Ion Ratio Lower Upper  
106 100  
91 236.8 159.7 239.5



#71  
Bromoform  
Concen: 0.652 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.271 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion:173 Resp: 6348  
Ion Ratio Lower Upper  
173 100  
175 573.8 24.8 74.3#  
254 0.0 0.1 0.1#

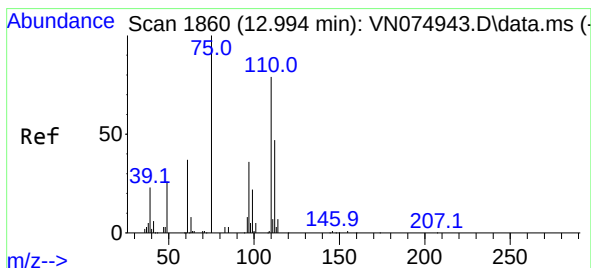
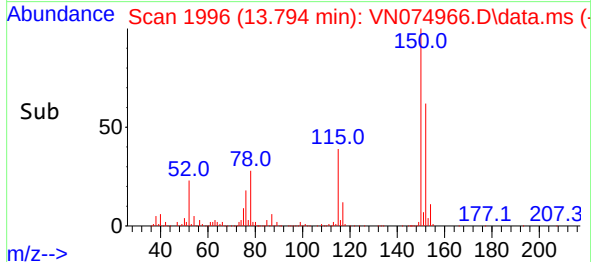
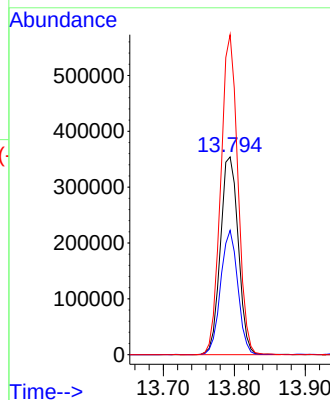
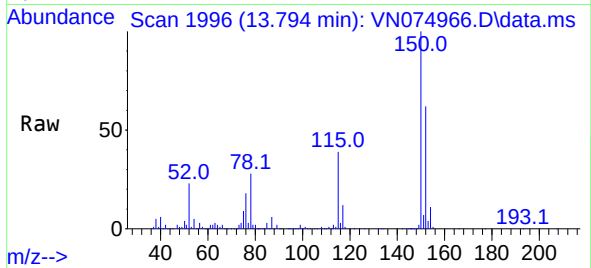




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

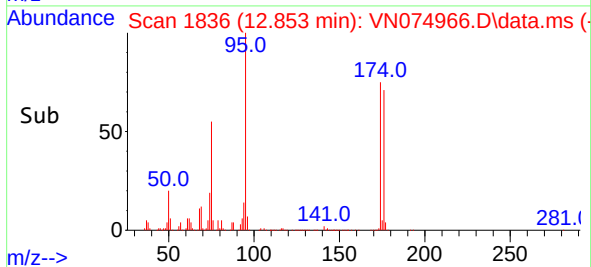
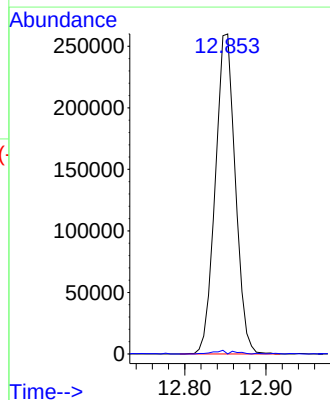
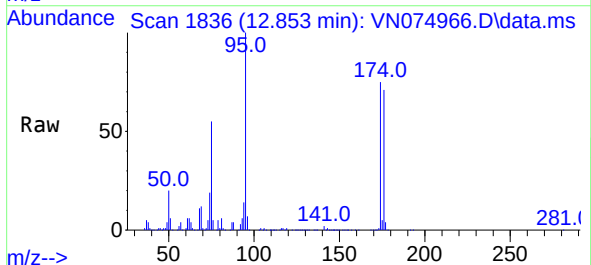
Instrument :  
MSVOA\_N  
ClientSampleId :  
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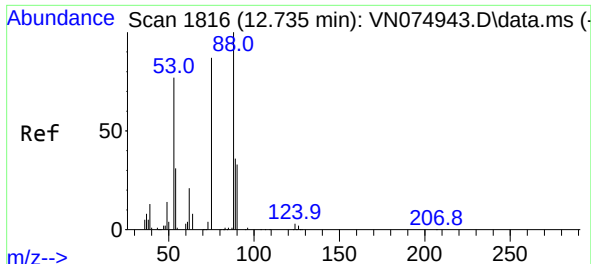
Tgt Ion:152 Resp: 616660  
Ion Ratio Lower Upper  
152 100  
115 60.6 31.3 93.8  
150 155.1 0.0 349.6



#76  
1,2,3-Trichloropropane  
Concen: 26.646 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.141 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 75 Resp: 445606  
Ion Ratio Lower Upper  
75 100  
77 0.6 81.0 243.0#

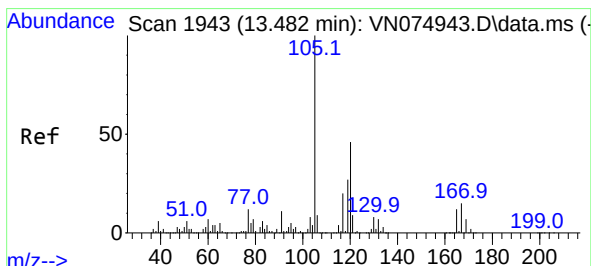
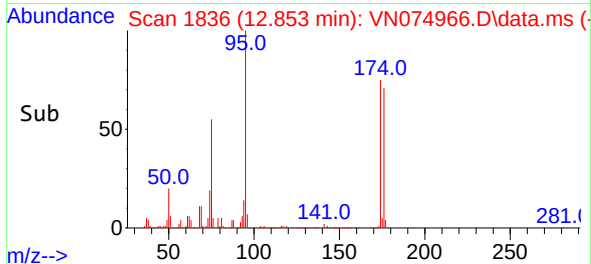
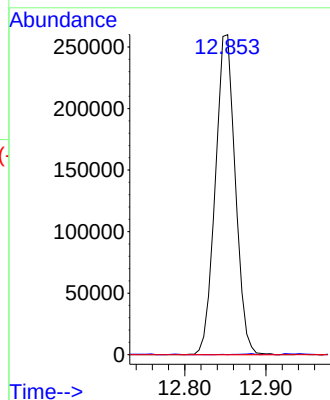
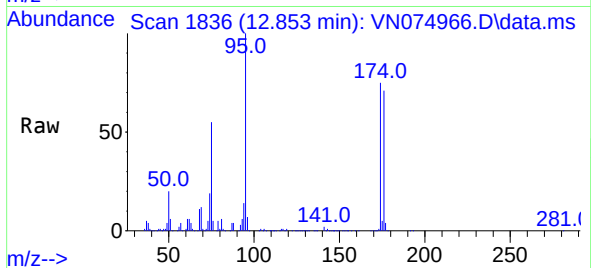




#81  
trans-1,4-Dichloro-2-butene  
Concen: 85.433 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.118 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

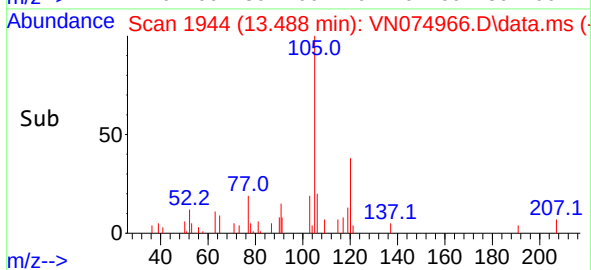
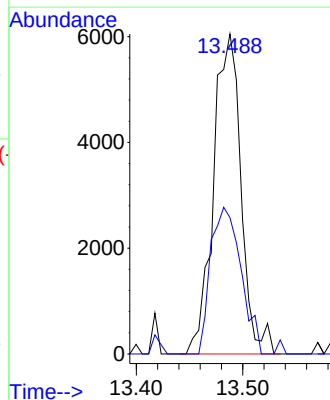
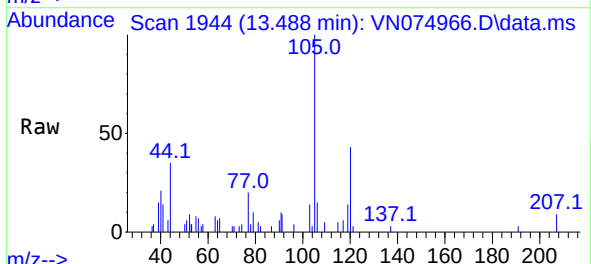
Instrument :  
MSVOA\_N  
ClientSampleId :  
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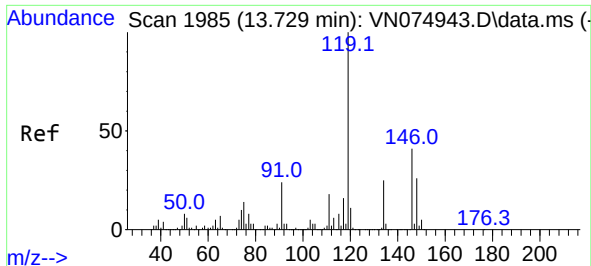
Tgt Ion: 75 Resp: 445606  
Ion Ratio Lower Upper  
75 100  
53 0.0 79.2 118.8#  
89 0.0 37.9 56.9#



#84  
1,2,4-Trimethylbenzene  
Concen: 0.247 ug/l  
RT: 13.488 min Scan# 1944  
Delta R.T. 0.006 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 105 Resp: 10864  
Ion Ratio Lower Upper  
105 100  
120 50.6 22.9 68.5

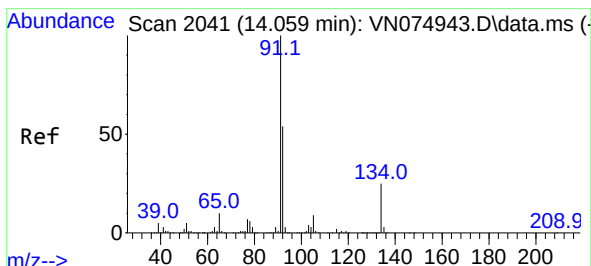
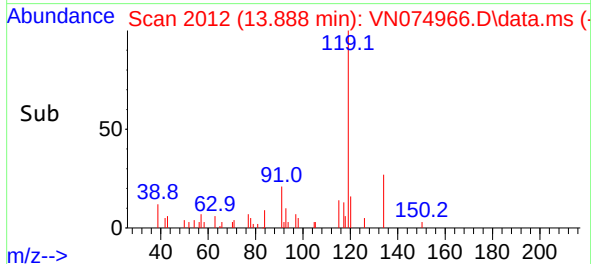
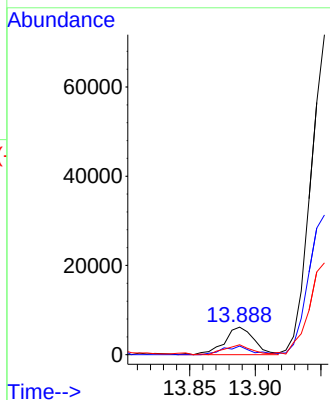
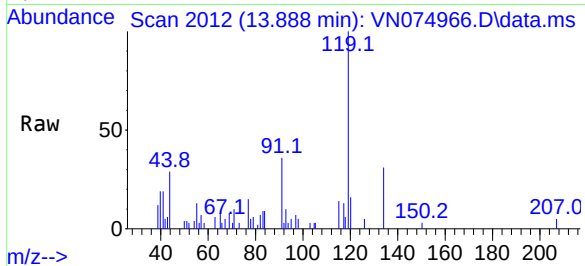




#86  
p-Isopropyltoluene  
Concen: 0.219 ug/l  
RT: 13.888 min Scan# 2012  
Delta R.T. 0.159 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

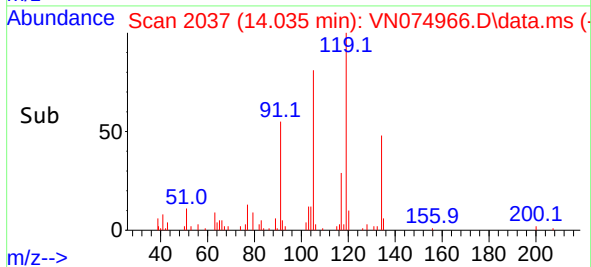
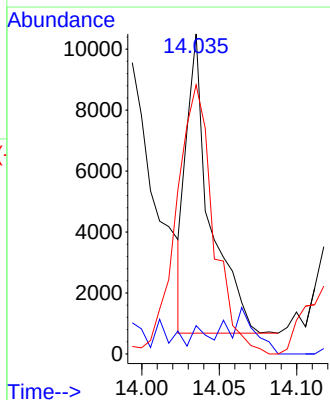
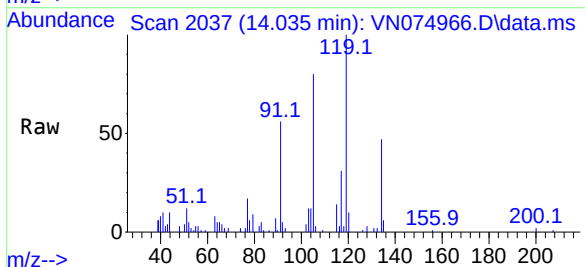
Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:119 Resp: 9732  
Ion Ratio Lower Upper  
119 100  
134 29.4 12.9 38.7  
91 32.6 11.9 35.5

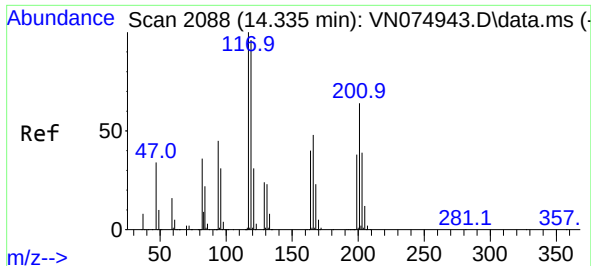


#89  
n-Butylbenzene  
Concen: 0.272 ug/l  
RT: 14.035 min Scan# 2037  
Delta R.T. -0.024 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion: 91 Resp: 10360  
Ion Ratio Lower Upper  
91 100  
92 6.8 26.3 78.9#  
134 141.8 12.6 37.6#



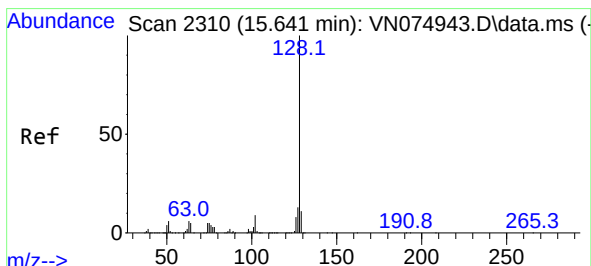
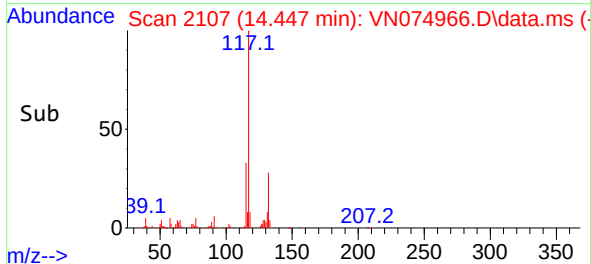
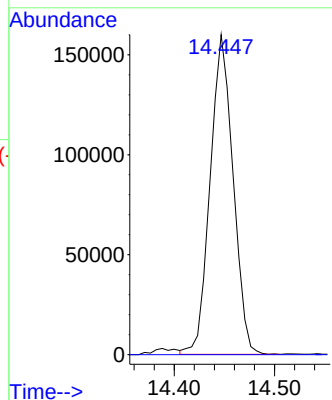
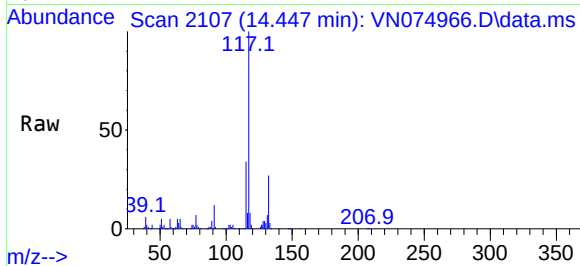




#90  
Hexachloroethane  
Concen: 29.418 ug/l  
RT: 14.447 min Scan# 2107  
Delta R.T. 0.112 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 253762  
Ion Ratio Lower Upper  
117 100  
201 0.0 30.6 91.6#



#95  
Naphthalene  
Concen: 0.994 ug/l  
RT: 15.647 min Scan# 2311  
Delta R.T. 0.006 min  
Lab File: VN074966.D  
Acq: 21 Oct 2022 17:00

Tgt Ion:128 Resp: 37248  
Ion Ratio Lower Upper  
128 100  
127 17.1 10.4 15.6#  
129 11.1 8.6 12.8

