

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040722\  
 Data File : VN071900.D  
 Acq On : 07 Apr 2022 13:26  
 Operator : JC\MD  
 Sample : N2321-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW7A-GW-20220406

Quant Time: Apr 08 01:13:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 8.080  | 168   | 555799   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.963  | 114   | 940266   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.739 | 117   | 948950   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.674 | 152   | 302277   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.433  | 65    | 299870   | 47.260    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 61 - 141 | Recovery  | =      | 94.520%  |
| 35) Dibromofluoromethane      | 8.022  | 113   | 267686   | 48.381    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 69 - 133 | Recovery  | =      | 96.760%  |
| 50) Toluene-d8                | 10.439 | 98    | 1186557  | 52.424    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 65 - 126 | Recovery  | =      | 104.840% |
| 62) 4-Bromofluorobenzene      | 12.727 | 95    | 366594   | 50.080    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 135 | Recovery  | =      | 100.160% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.075  | 85    | 3124     | 0.707     | ug/l   | 82       |
| 3) Chloromethane              | 2.304  | 50    | 2798     | 0.500     | ug/l   | 96       |
| 5) Bromomethane               | 2.881  | 94    | 1951     | 0.488     | ug/l # | 61       |
| 9) 1,1,2-Trichlorotrifluo...  | 4.222  | 101   | 27041    | 5.609     | ug/l   | 95       |
| 10) Methyl Iodide             | 4.445  | 142   | 2292     | 0.340     | ug/l # | 76       |
| 12) 1,1-Dichloroethene        | 4.187  | 96    | 23942    | 5.219     | ug/l   | 92       |
| 14) Allyl chloride            | 4.569  | 41    | 2124     | 0.285     | ug/l # | 31       |
| 15) Acrylonitrile             | 5.563  | 53    | 876      | 0.293     | ug/l # | 71       |
| 16) Acetone                   | 4.293  | 43    | 5216     | 1.924     | ug/l   | 91       |
| 18) Methyl Acetate            | 4.863  | 43    | 5183     | Below Cal | #      | 89       |
| 24) 1,1-Dichloroethane        | 6.386  | 63    | 5232     | 0.550     | ug/l # | 86       |
| 25) 2-Butanone                | 7.339  | 43    | 1415     | 0.362     | ug/l # | 45       |
| 27) cis-1,2-Dichloroethene    | 7.328  | 96    | 5729     | 0.928     | ug/l   | 86       |
| 29) Tetrahydrofuran           | 7.686  | 42    | 697      | 0.275     | ug/l # | 29       |
| 30) Chloroform                | 7.822  | 83    | 6322     | 0.629     | ug/l   | 93       |
| 31) Cyclohexane               | 8.086  | 56    | 8977     | 1.040     | ug/l # | 5        |
| 32) 1,1,1-Trichloroethane     | 8.010  | 97    | 3353     | 0.390     | ug/l # | 49       |
| 36) 1,1-Dichloropropene       | 8.086  | 75    | 37717    | 4.881     | ug/l # | 48       |
| 38) Carbon Tetrachloride      | 8.204  | 117   | 7820     | 1.033     | ug/l   | 90       |
| 39) Methylcyclohexane         | 9.210  | 83    | 6980     | 0.759     | ug/l # | 1        |
| 43) Isopropyl Acetate         | 8.592  | 43    | 8811     | 0.626     | ug/l # | 53       |
| 44) Trichloroethene           | 9.216  | 130   | 606449   | 96.443    | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.569  | 88    | 1730     | Below Cal | #      | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43    | 2486     | 0.307     | ug/l   | 89       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97    | 3800     | 0.598     | ug/l # | 80       |
| 59) 2-Hexanone                | 11.092 | 43    | 4937     | 0.867     | ug/l   | 89       |
| 74) N-amyl acetate            | 12.386 | 43    | 2935     | 0.402     | ug/l # | 92       |
| 76) 1,2,3-Trichloropropane    | 12.727 | 75    | 174091   | 24.861    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.727 | 75    | 174091   | 77.044    | ug/l # | 10       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146   | 2517     | 0.247     | ug/l   | 82       |
| 88) 1,4-Dichlorobenzene       | 13.610 | 146   | 2517     | 0.254     | ug/l   | 84       |
| 89) n-Butylbenzene            | 13.945 | 91    | 4325     | 0.306     | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146   | 2341     | 0.234     | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75    | 379      | 0.287     | ug/l   | 78       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180   | 3326     | 2.748     | ug/l   | 90       |
| 95) Naphthalene               | 15.504 | 128   | 11422    | 4.570     | ug/l   | 97       |

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Sample : N2321-02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

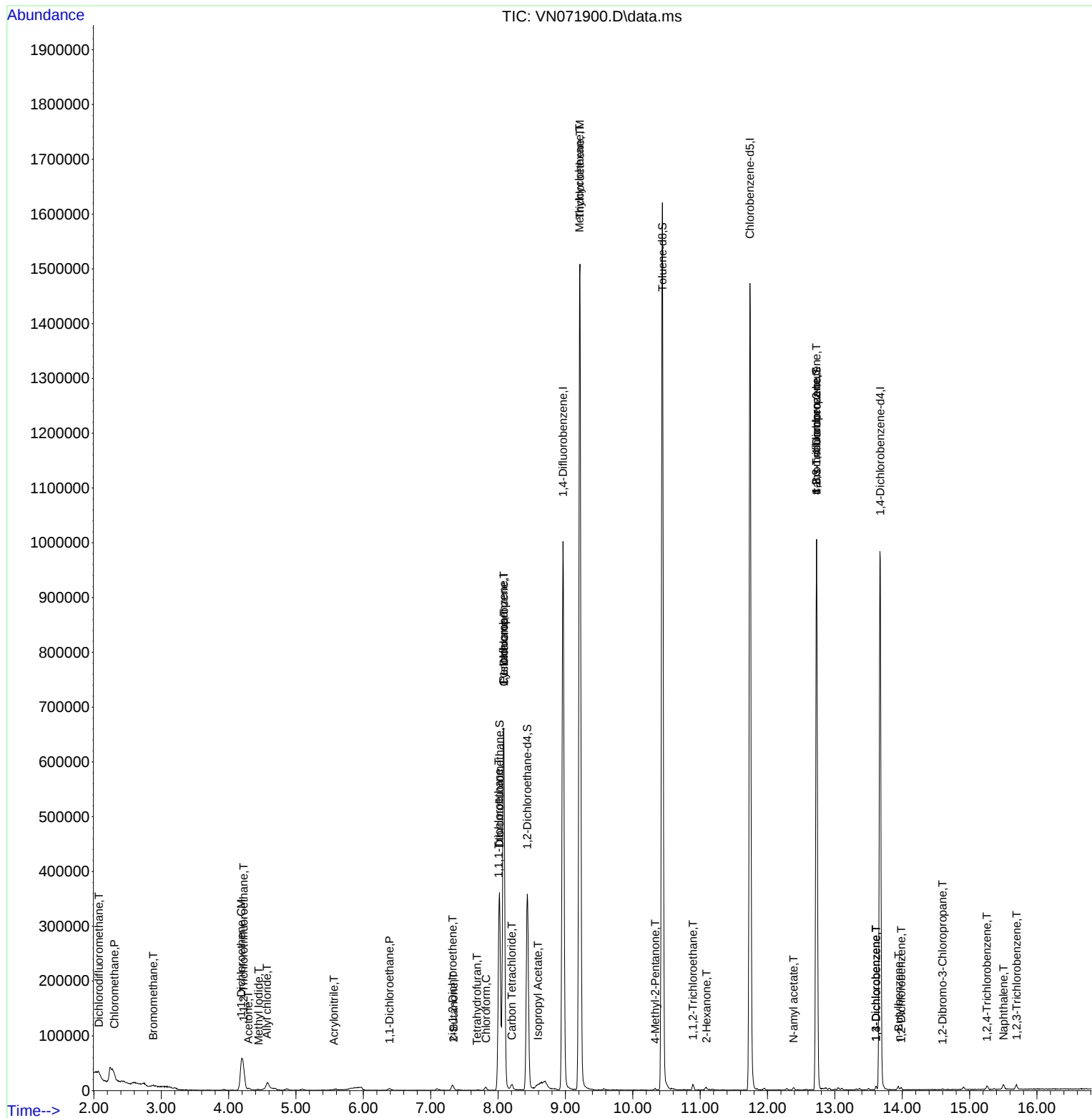
Quant Time: Apr 08 01:13:33 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
Response via : Initial Calibration

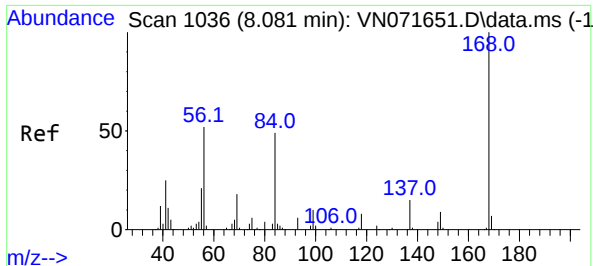
| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 96) 1,2,3-Trichlorobenzene | 15.698 | 180  | 4274     | 3.287 | ug/l  | 98       |

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

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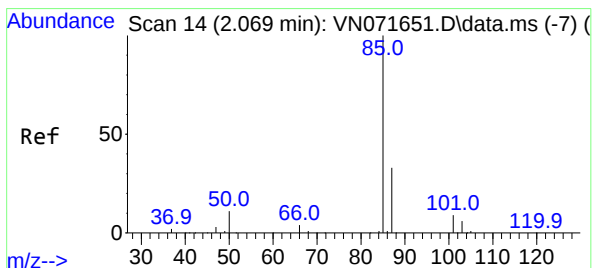
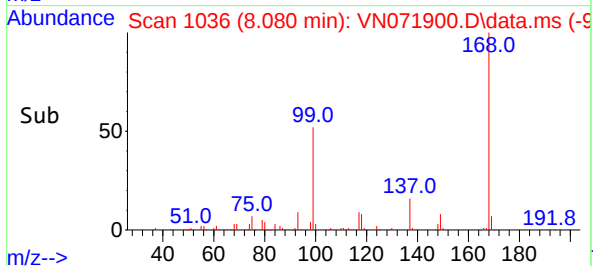
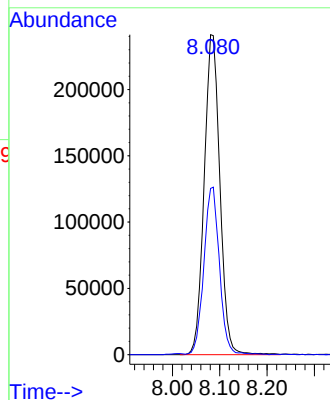
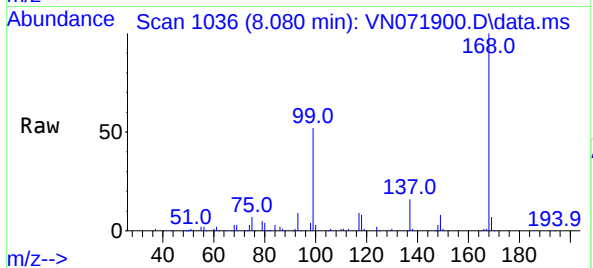




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

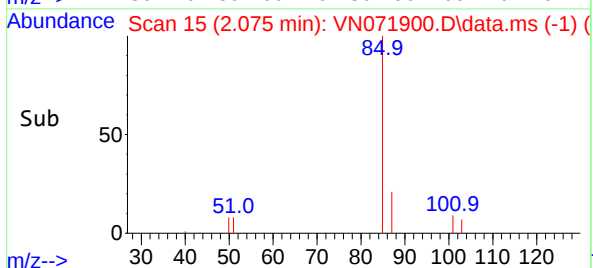
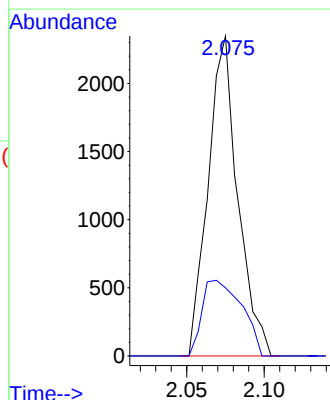
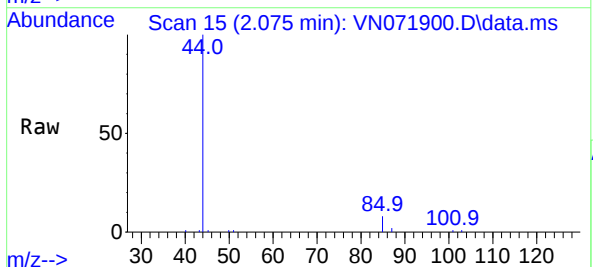
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

Tgt Ion:168 Resp: 555799  
Ion Ratio Lower Upper  
168 100  
99 51.9 42.3 63.5

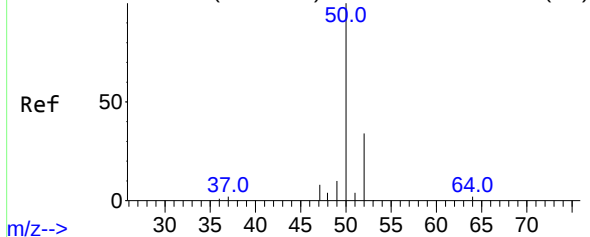


#2  
Dichlorodifluoromethane  
Concen: 0.707 ug/l  
RT: 2.075 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion: 85 Resp: 3124  
Ion Ratio Lower Upper  
85 100  
87 21.3 15.7 47.1



Abundance Scan 53 (2.299 min): VN071651.D\data.ms (-46)



#3

Chloromethane

Concen: 0.500 ug/l

RT: 2.304 min Scan# 54

Delta R.T. 0.005 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

Instrument :

MSVOA\_N

ClientSampleId :

RW7A-GW-20220406

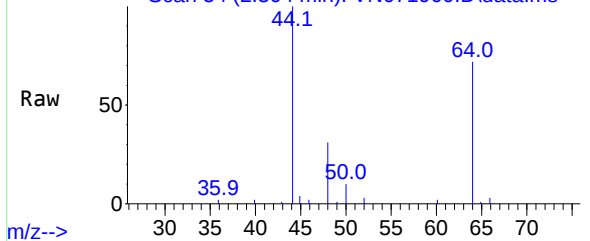
Tgt Ion: 50 Resp: 2798

Ion Ratio Lower Upper

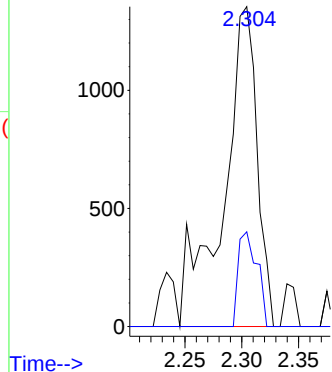
50 100

52 29.6 25.7 38.5

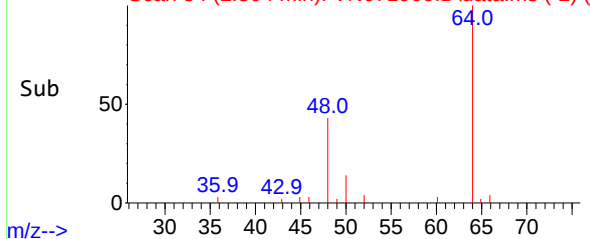
Abundance Scan 54 (2.304 min): VN071900.D\data.ms



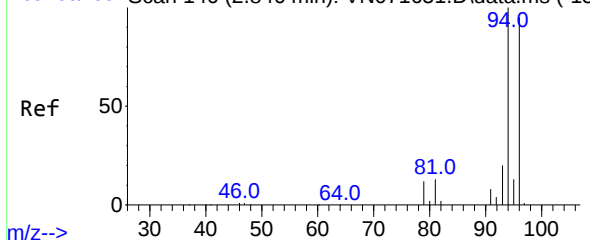
Abundance



Abundance Scan 54 (2.304 min): VN071900.D\data.ms (-2)



Abundance Scan 146 (2.846 min): VN071651.D\data.ms (-13)



#5

Bromomethane

Concen: 0.488 ug/l

RT: 2.881 min Scan# 152

Delta R.T. 0.035 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

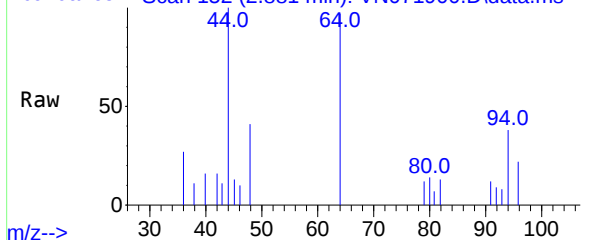
Tgt Ion: 94 Resp: 1951

Ion Ratio Lower Upper

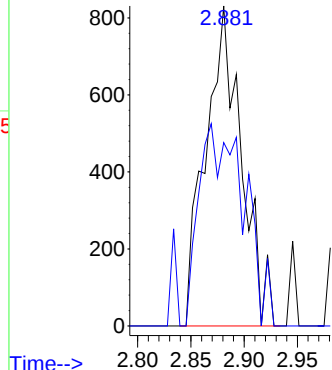
94 100

96 57.3 76.0 114.0#

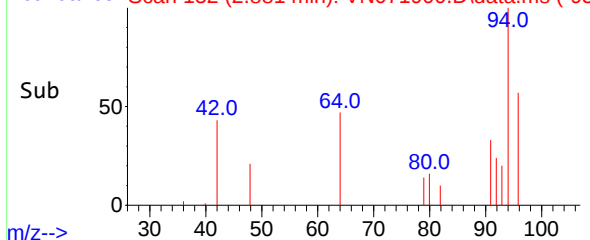
Abundance Scan 152 (2.881 min): VN071900.D\data.ms

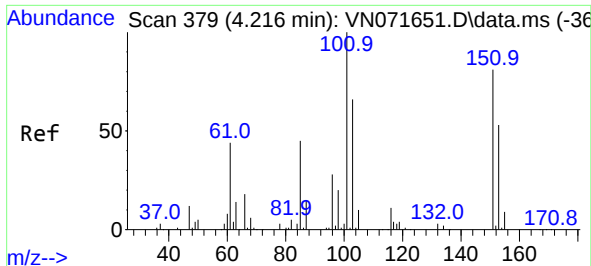


Abundance



Abundance Scan 152 (2.881 min): VN071900.D\data.ms (-95)

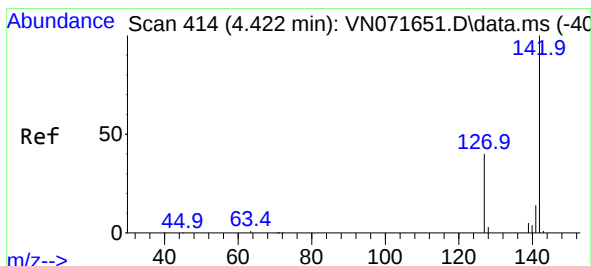
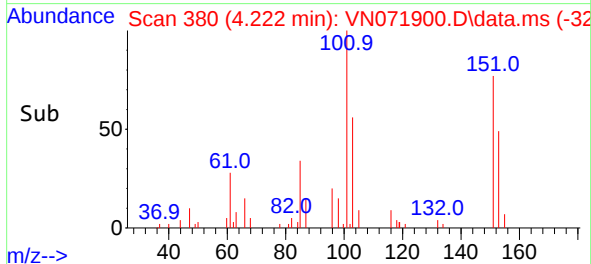
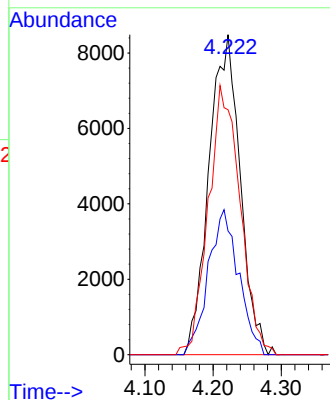
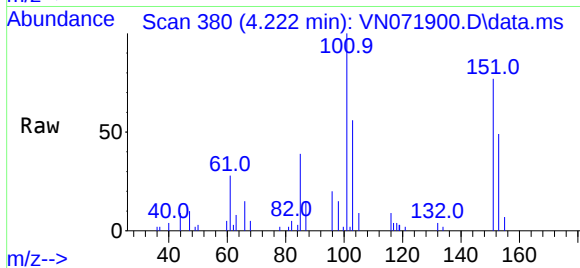




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.609 ug/l  
RT: 4.222 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

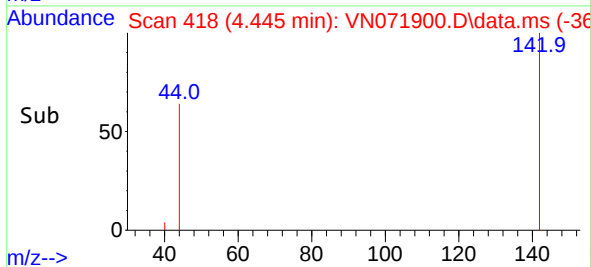
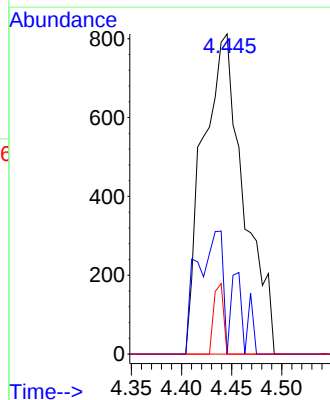
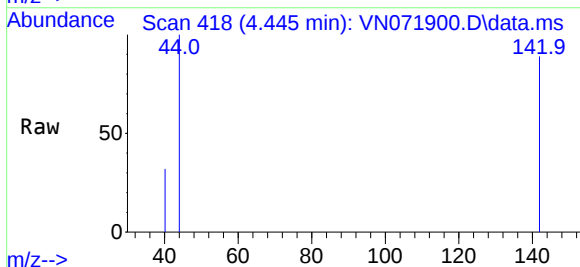
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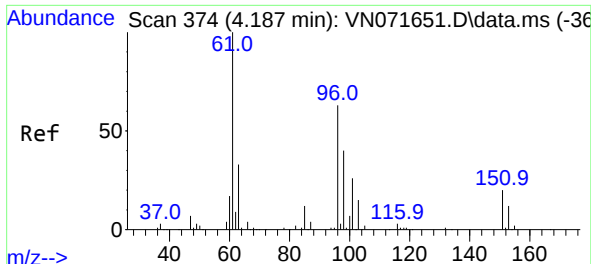
Tgt Ion:101 Resp: 27041  
Ion Ratio Lower Upper  
101 100  
85 44.1 34.7 52.1  
151 85.5 63.0 94.4



#10  
Methyl Iodide  
Concen: 0.340 ug/l  
RT: 4.445 min Scan# 418  
Delta R.T. 0.023 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion:142 Resp: 2292  
Ion Ratio Lower Upper  
142 100  
127 23.9 31.3 46.9#  
141 5.2 11.2 16.8#

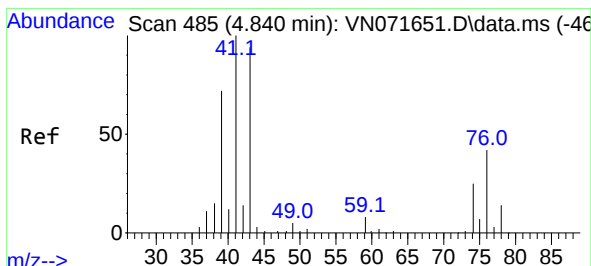
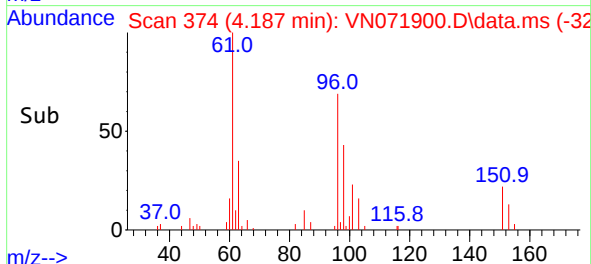
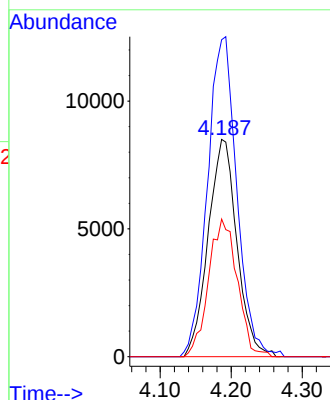
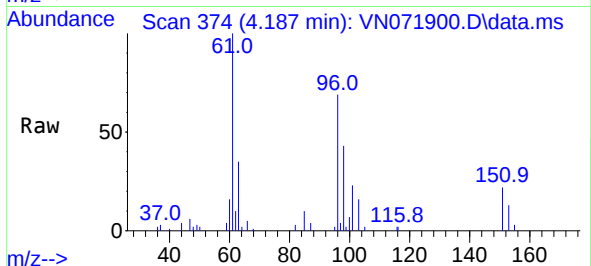




#12  
1,1-Dichloroethene  
Concen: 5.219 ug/l  
RT: 4.187 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

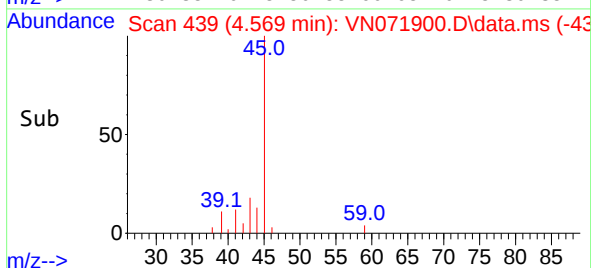
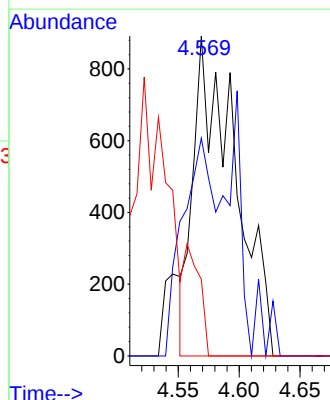
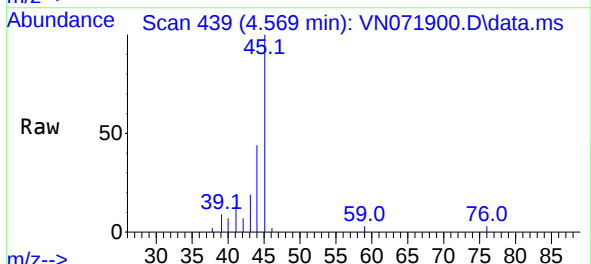
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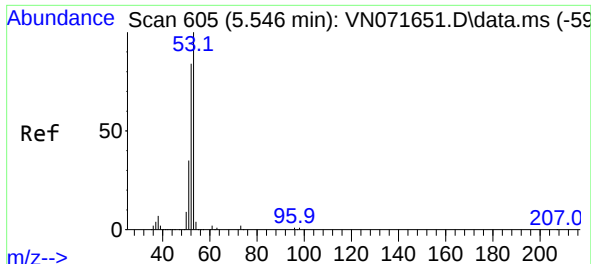
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|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 23942 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.9 | 127.6 | 191.4 |
| 98       | 63.3  | 51.2  | 76.8  |



#14  
Allyl chloride  
Concen: 0.285 ug/l  
RT: 4.569 min Scan# 439  
Delta R.T. -0.271 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 2124  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 9.0   | 53.2  | 79.8# |
| 76       | 0.0   | 29.9  | 44.9# |

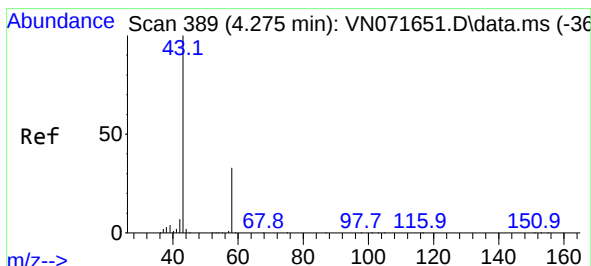
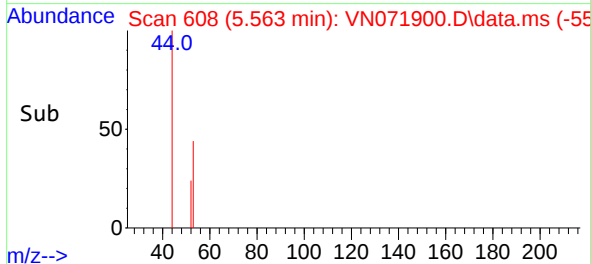
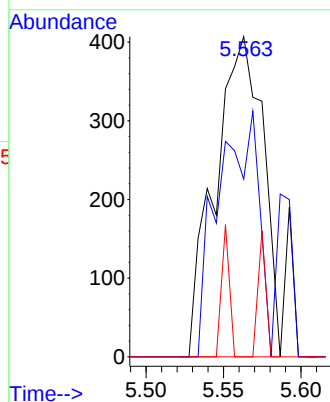
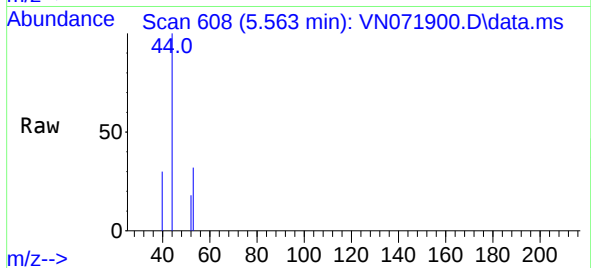




#15  
Acrylonitrile  
Concen: 0.293 ug/l  
RT: 5.563 min Scan# 605  
Delta R.T. 0.017 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

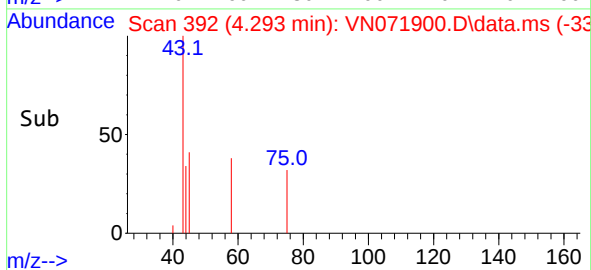
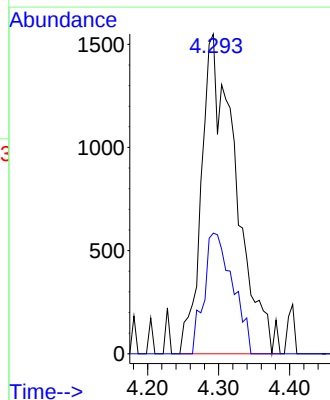
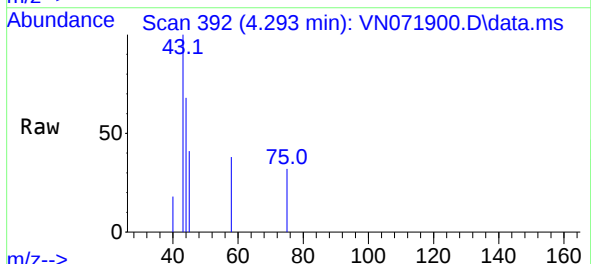
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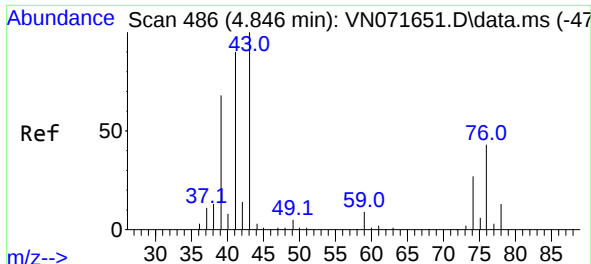
Tgt Ion: 53 Resp: 876  
Ion Ratio Lower Upper  
53 100  
52 64.6 66.4 99.6#  
51 6.4 28.5 42.7#



#16  
Acetone  
Concen: 1.924 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.018 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion: 43 Resp: 5216  
Ion Ratio Lower Upper  
43 100  
58 37.7 26.0 39.0

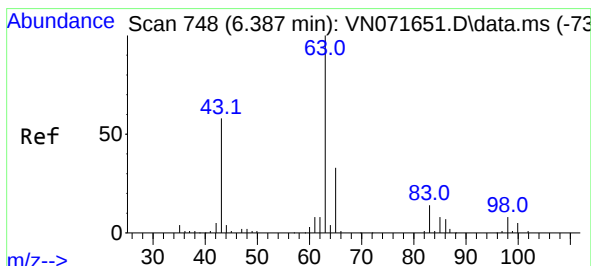
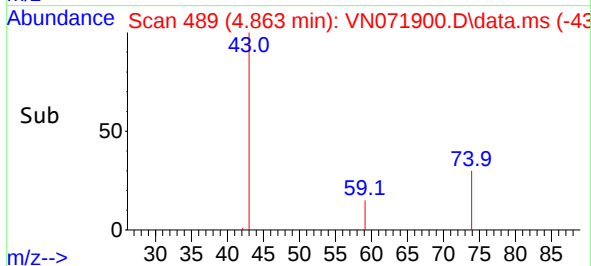
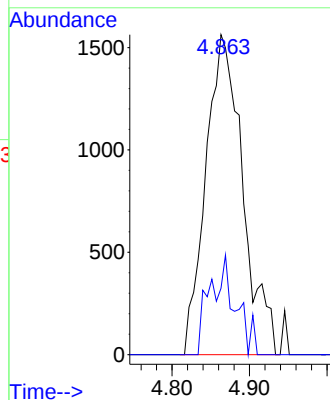
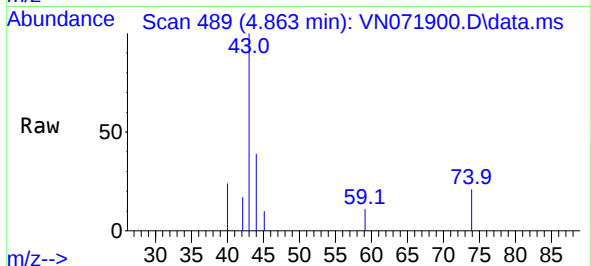




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.863 min Scan# 41  
Delta R.T. 0.017 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

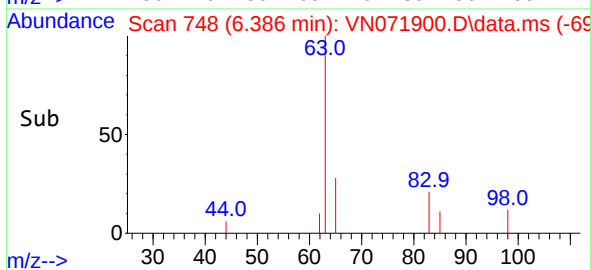
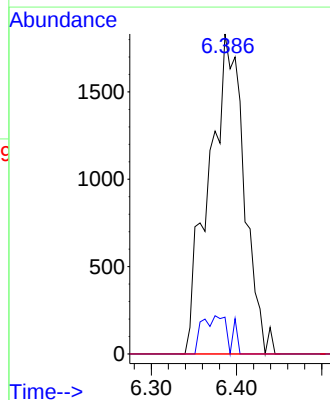
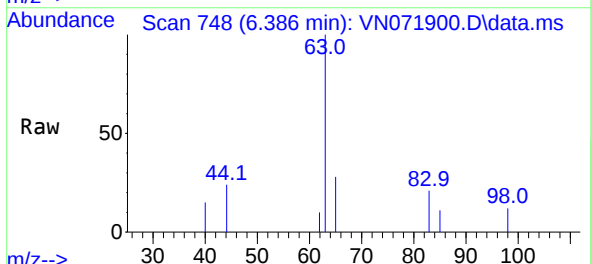
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

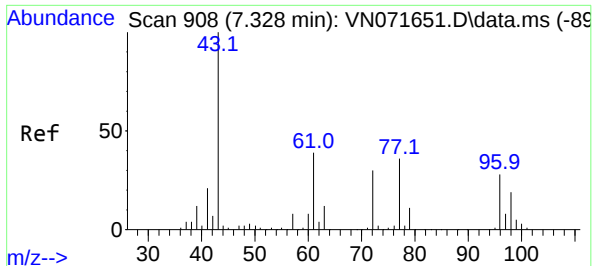
Tgt Ion: 43 Resp: 5183  
Ion Ratio Lower Upper  
43 100  
74 21.4 21.6 32.4#



#24  
1,1-Dichloroethane  
Concen: 0.550 ug/l  
RT: 6.386 min Scan# 748  
Delta R.T. -0.001 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion: 63 Resp: 5232  
Ion Ratio Lower Upper  
63 100  
98 11.5 3.5 10.4#  
100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 0.362 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

Instrument :

MSVOA\_N

ClientSampleId :

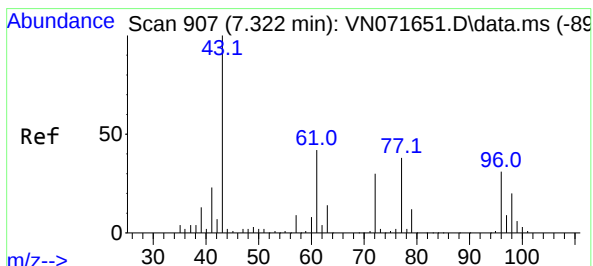
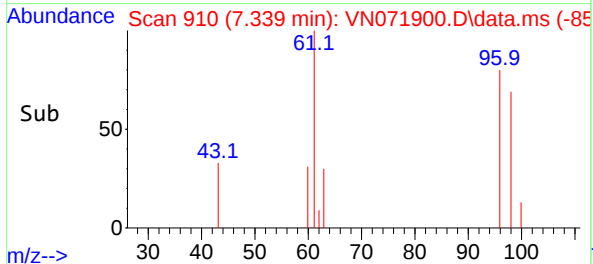
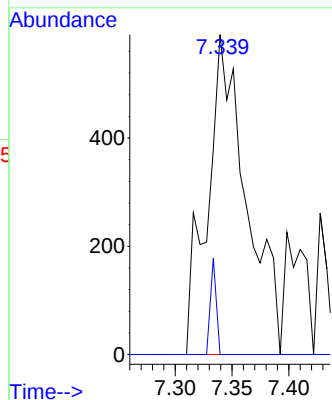
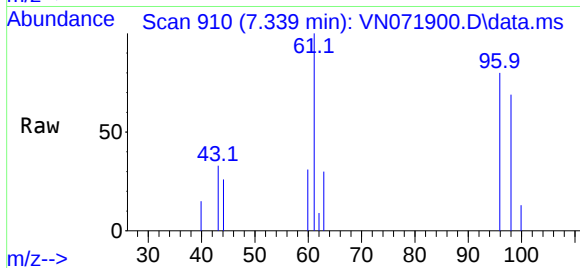
RW7A-GW-20220406

Tgt Ion: 43 Resp: 1415

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#27

cis-1,2-Dichloroethene

Concen: 0.928 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

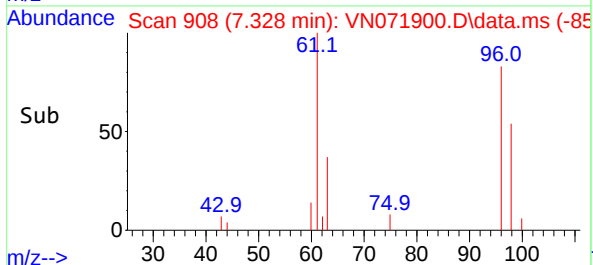
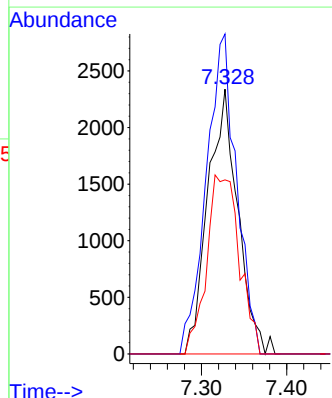
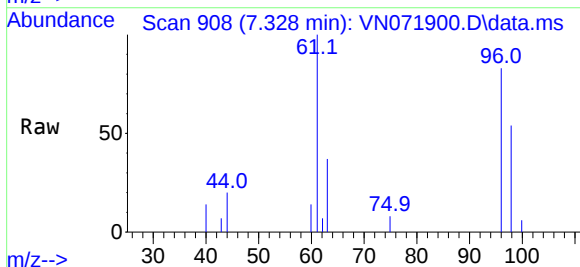
Tgt Ion: 96 Resp: 5729

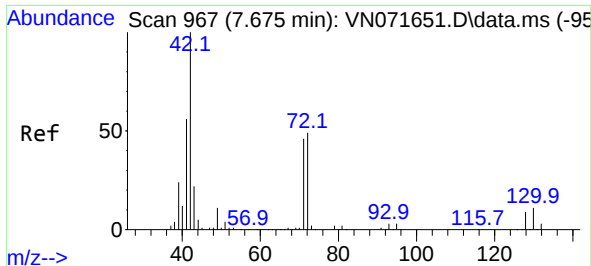
Ion Ratio Lower Upper

96 100

61 121.6 0.0 280.6

98 73.4 0.0 128.4





#29

Tetrahydrofuran

Concen: 0.275 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.011 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

Instrument :

MSVOA\_N

ClientSampleId :

RW7A-GW-20220406

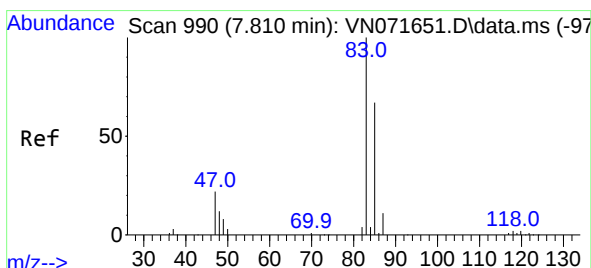
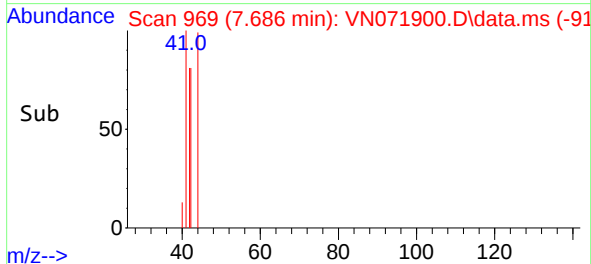
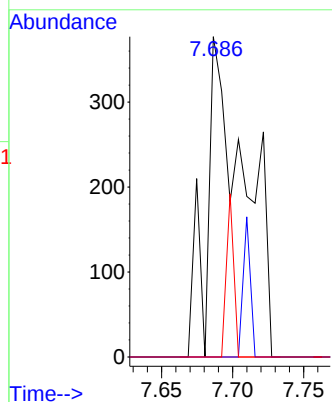
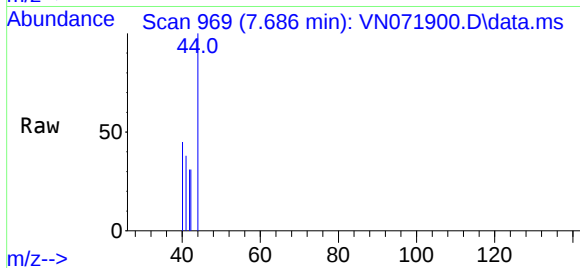
Tgt Ion: 42 Resp: 697

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 0.0 36.6 55.0#



#30

Chloroform

Concen: 0.629 ug/l

RT: 7.822 min Scan# 992

Delta R.T. 0.012 min

Lab File: VN071900.D

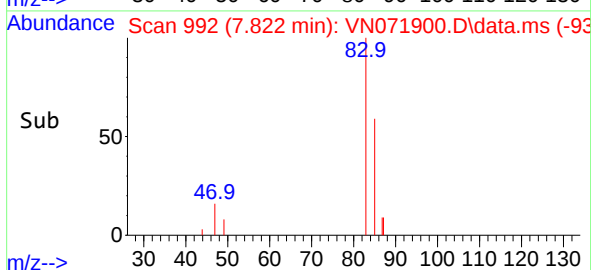
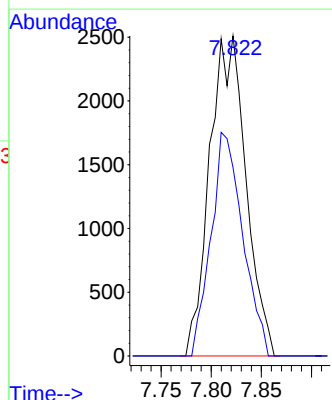
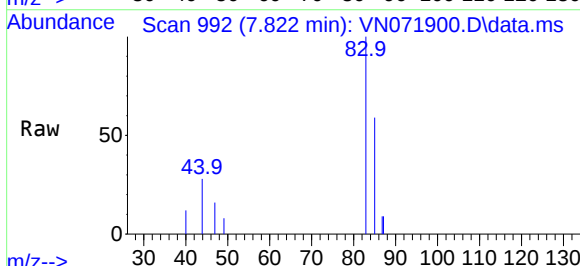
Acq: 07 Apr 2022 13:26

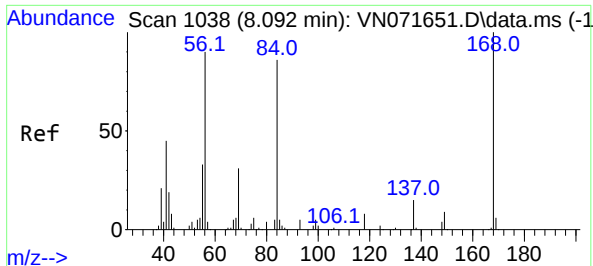
Tgt Ion: 83 Resp: 6322

Ion Ratio Lower Upper

83 100

85 58.9 51.8 77.8





#31

Cyclohexane

Concen: 1.040 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

Instrument :

MSVOA\_N

ClientSampleId :

RW7A-GW-20220406

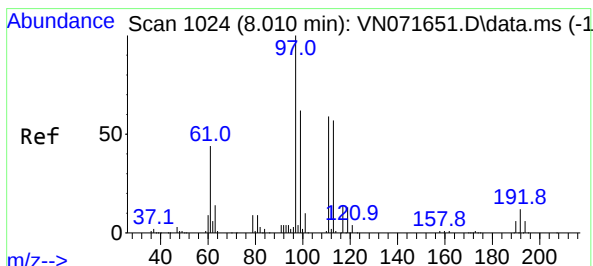
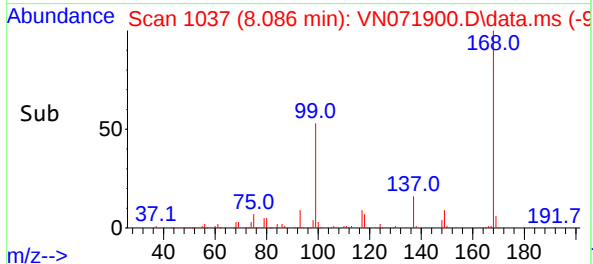
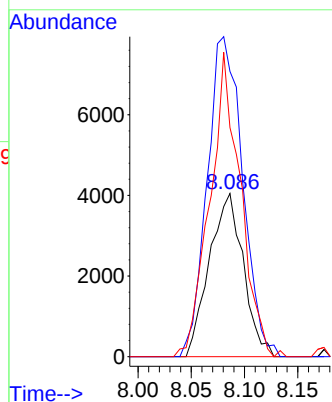
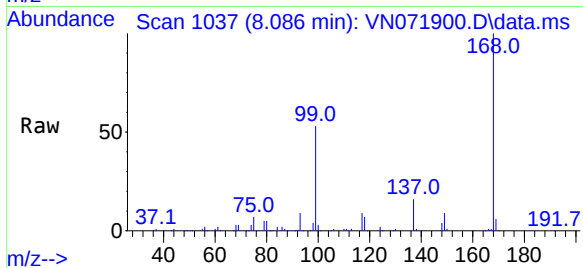
Tgt Ion: 56 Resp: 8977

Ion Ratio Lower Upper

56 100

69 174.8 27.8 41.8#

84 136.7 76.9 115.3#



#32

1,1,1-Trichloroethane

Concen: 0.390 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

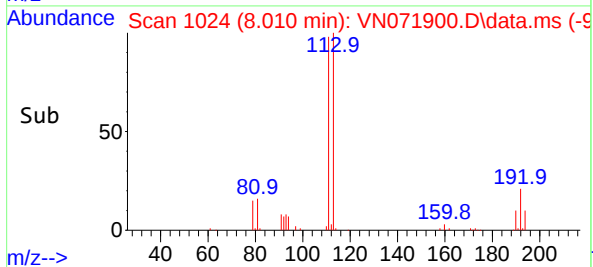
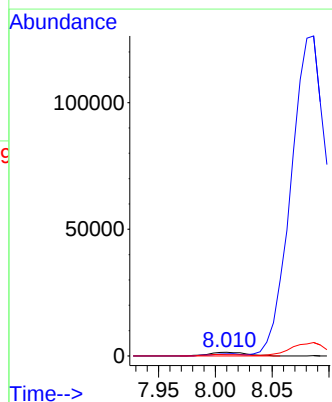
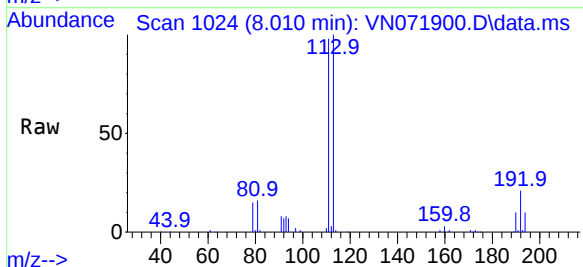
Tgt Ion: 97 Resp: 3353

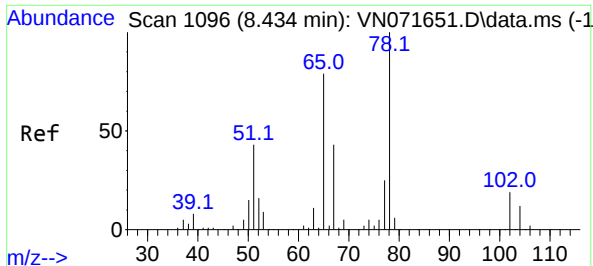
Ion Ratio Lower Upper

97 100

99 0.0 50.6 76.0#

61 38.8 36.0 54.0

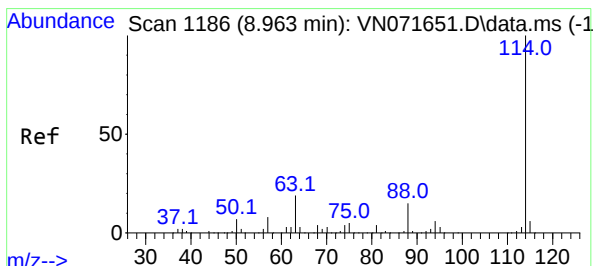
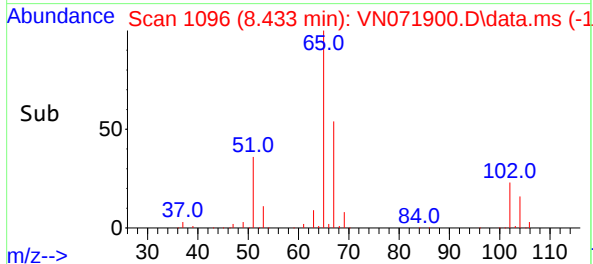
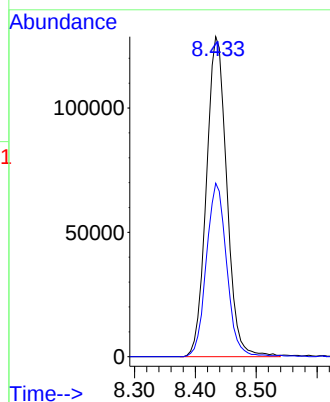
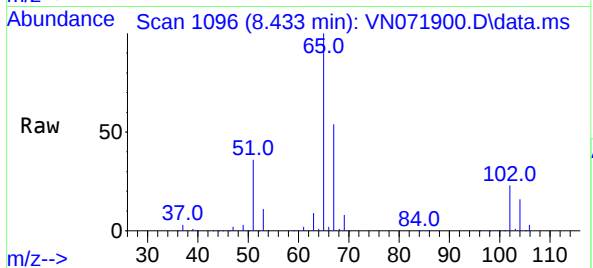




#33  
1,2-Dichloroethane-d4  
Concen: 47.260 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

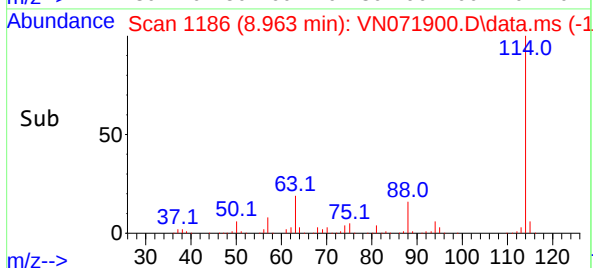
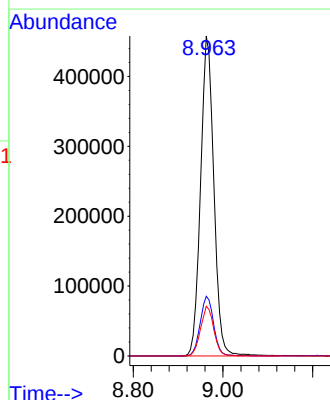
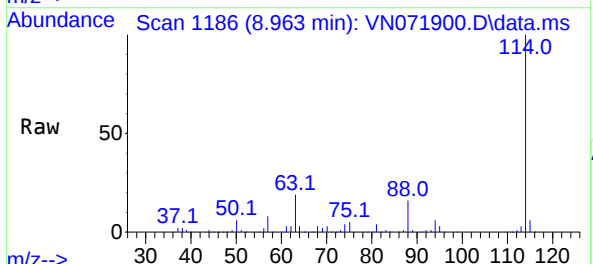
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

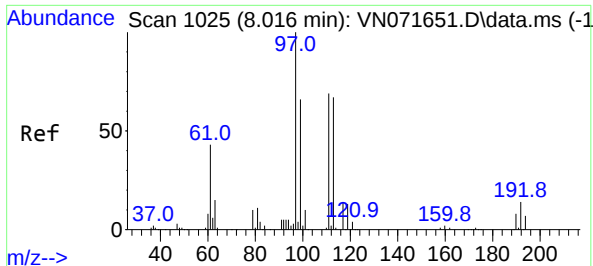
Tgt Ion: 65 Resp: 299870  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion:114 Resp: 940266  
Ion Ratio Lower Upper  
114 100  
63 18.6 0.0 40.0  
88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.381 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

Instrument :

MSVOA\_N

ClientSampleId :

RW7A-GW-20220406

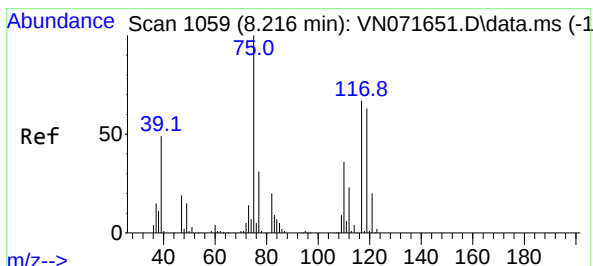
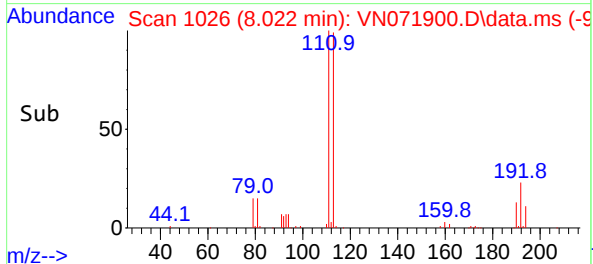
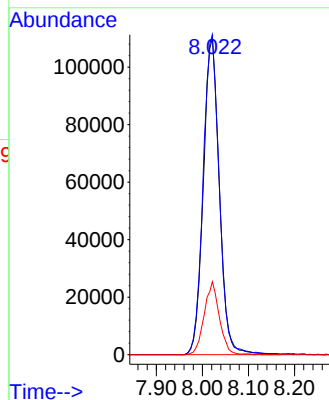
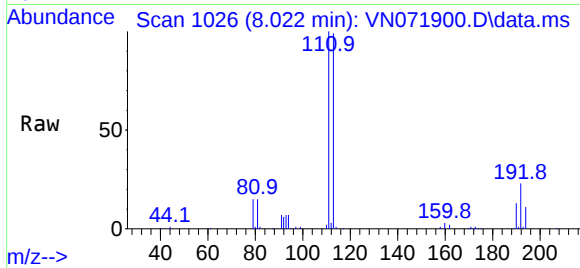
Tgt Ion:113 Resp: 267686

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 21.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.881 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

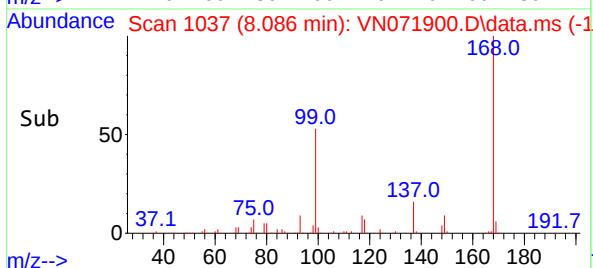
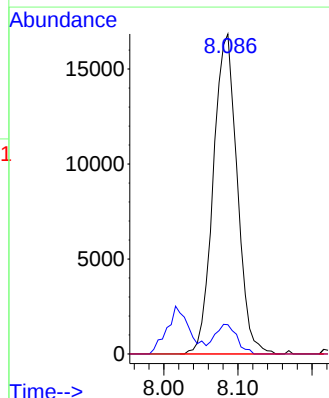
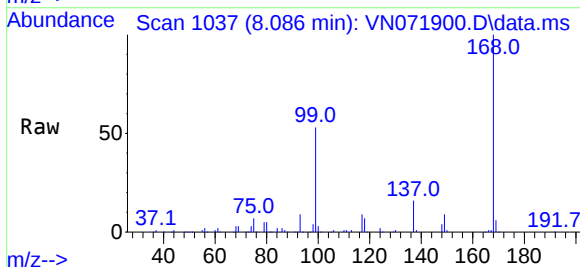
Tgt Ion: 75 Resp: 37717

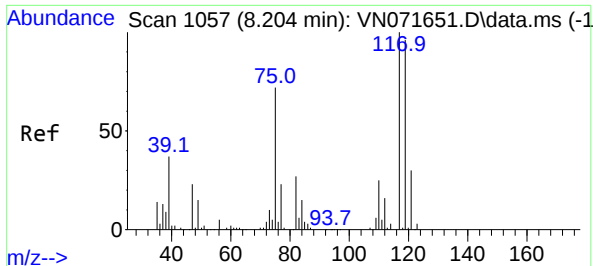
Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.8#

77 0.0 25.1 37.7#

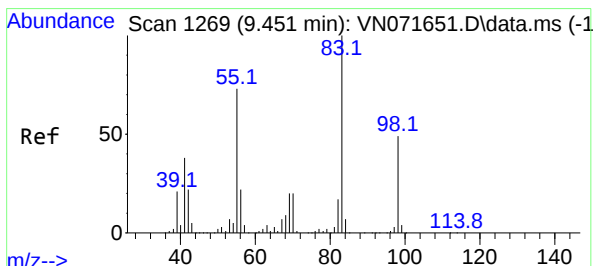
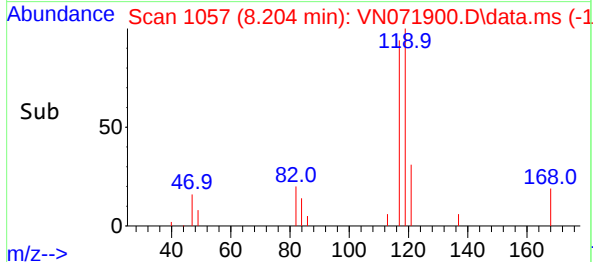
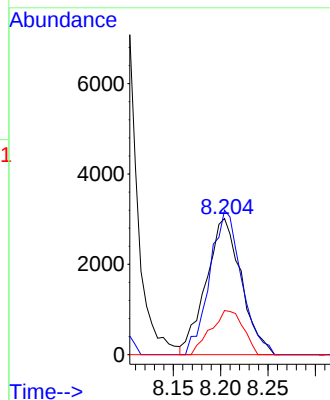
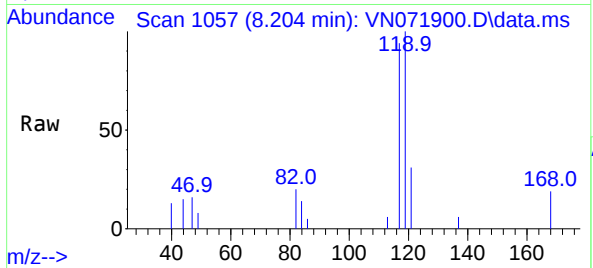




#38  
Carbon Tetrachloride  
Concen: 1.033 ug/l  
RT: 8.204 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

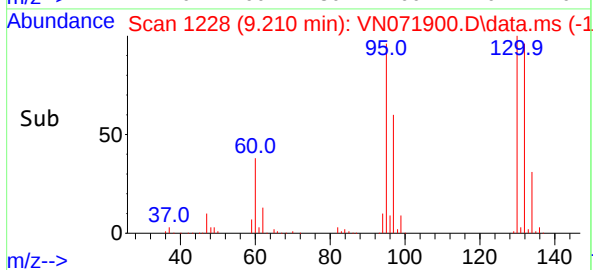
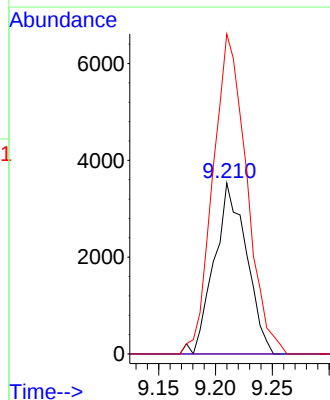
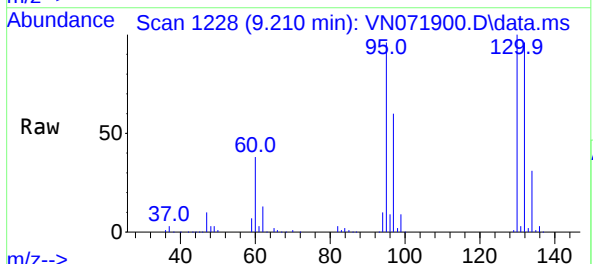
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

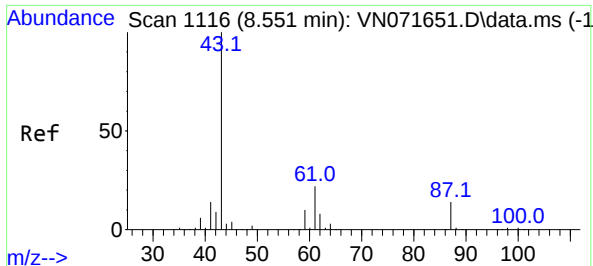
Tgt Ion:117 Resp: 7820  
Ion Ratio Lower Upper  
117 100  
119 106.1 75.8 113.8  
121 32.5 24.6 37.0



#39  
Methylcyclohexane  
Concen: 0.759 ug/l  
RT: 9.210 min Scan# 1228  
Delta R.T. -0.241 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion: 83 Resp: 6980  
Ion Ratio Lower Upper  
83 100  
55 0.0 57.8 86.8#  
98 187.3 39.4 59.2#

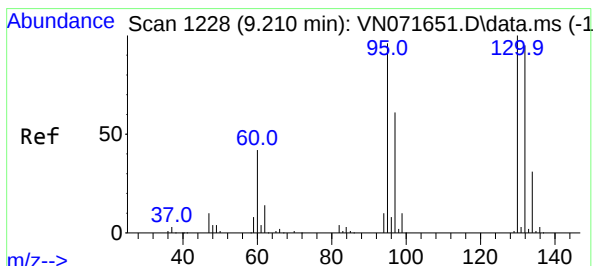
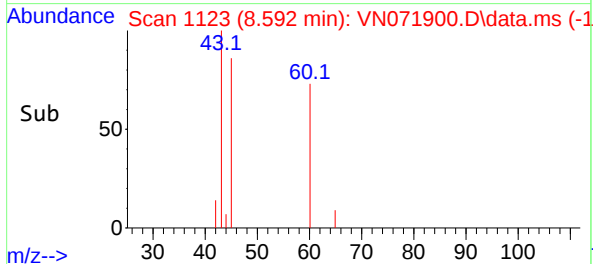
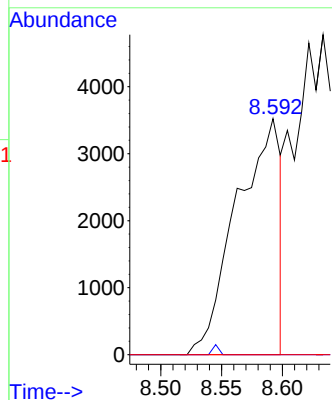
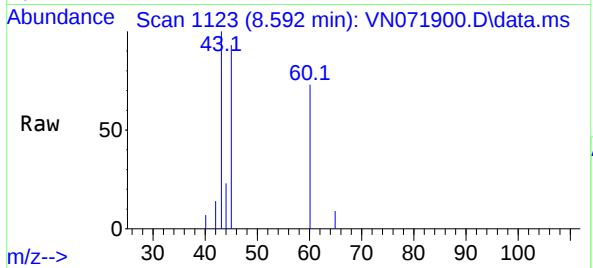




#43  
Isopropyl Acetate  
Concen: 0.626 ug/l  
RT: 8.592 min Scan# 1116  
Delta R.T. 0.041 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

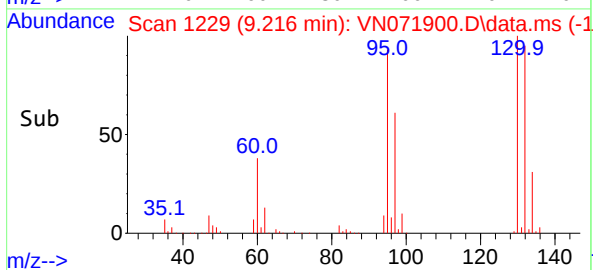
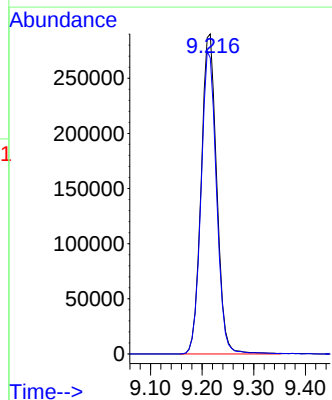
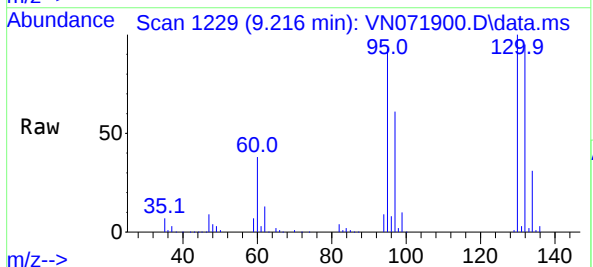
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

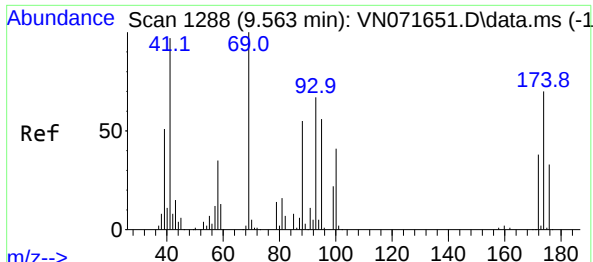
Tgt Ion: 43 Resp: 8811  
Ion Ratio Lower Upper  
43 100  
61 0.0 21.9 32.9#  
87 0.0 12.0 18.0#



#44  
Trichloroethene  
Concen: 96.443 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion: 130 Resp: 606449  
Ion Ratio Lower Upper  
130 100  
95 92.5 0.0 186.8

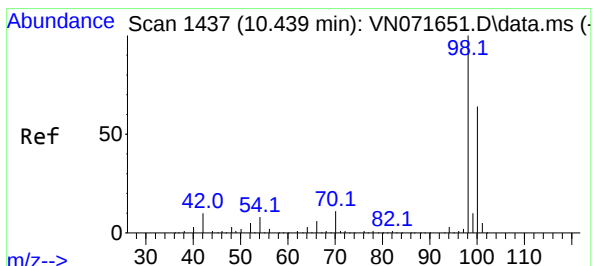
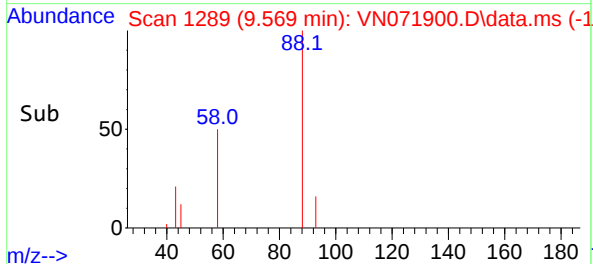
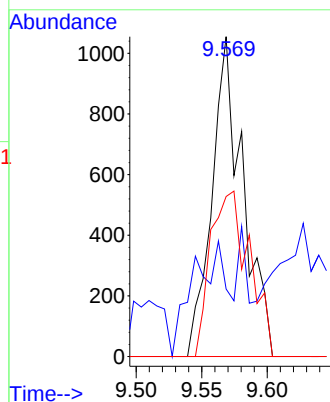
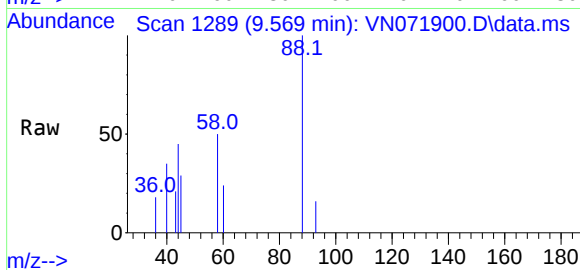




#49  
1,4-Dioxane  
Concen: Below Cal  
RT: 9.569 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

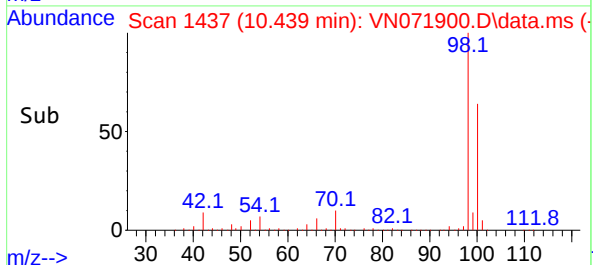
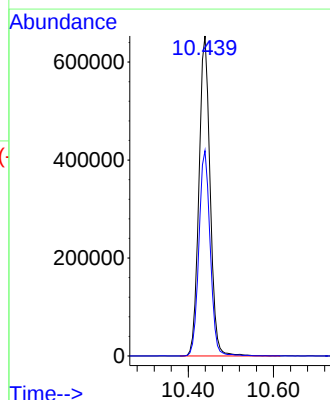
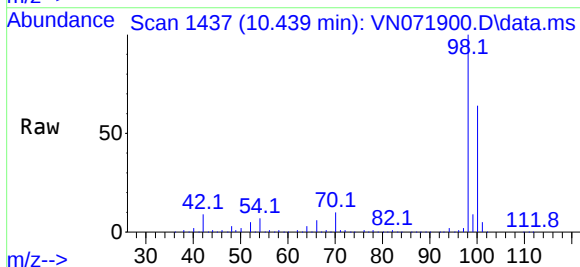
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

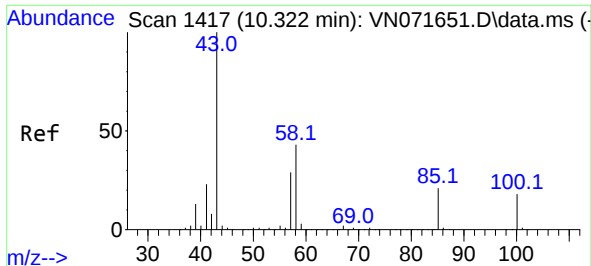
Tgt Ion: 88 Resp: 1730  
Ion Ratio Lower Upper  
88 100  
43 0.0 20.2 30.4#  
58 64.9 54.2 81.4



#50  
Toluene-d8  
Concen: 52.424 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion: 98 Resp: 1186557  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8

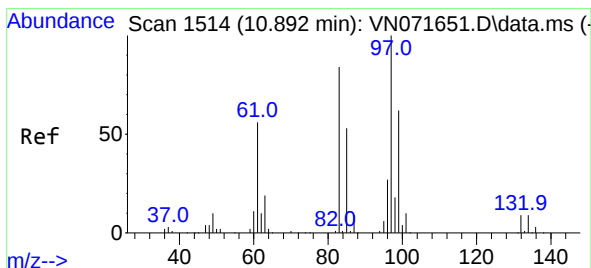
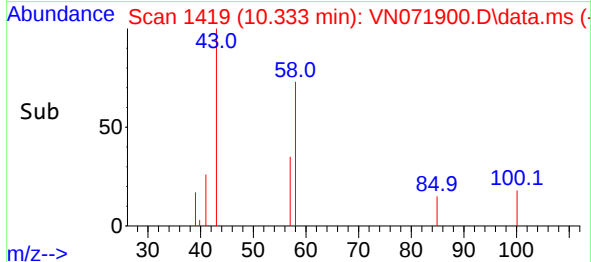
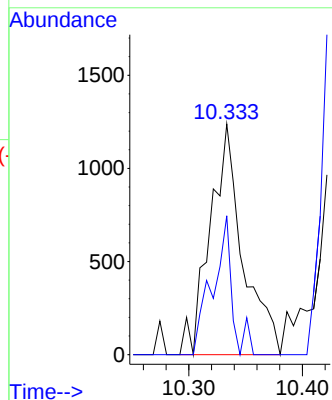
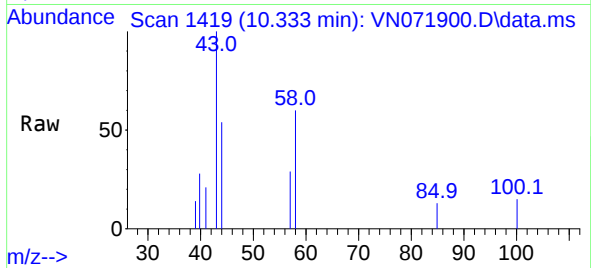




#51  
4-Methyl-2-Pentanone  
Concen: 0.307 ug/l  
RT: 10.333 min Scan# 1419  
Delta R.T. 0.011 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

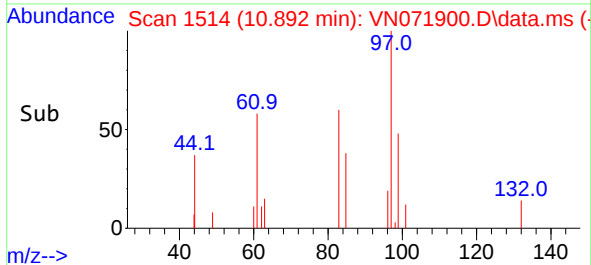
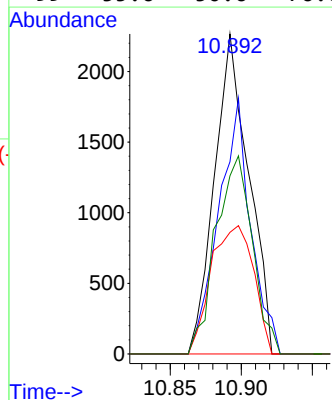
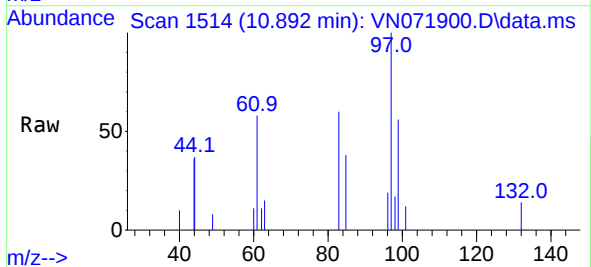
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ClientSampleId :  
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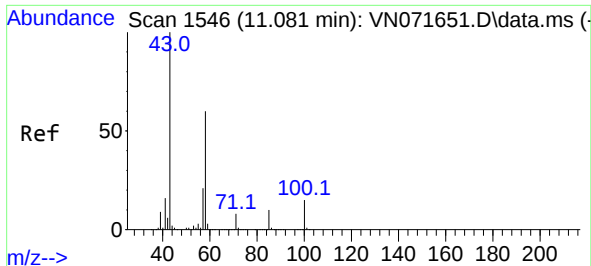
Tgt Ion: 43 Resp: 2486  
Ion Ratio Lower Upper  
43 100  
58 35.8 34.1 51.1



#55  
1,1,2-Trichloroethane  
Concen: 0.598 ug/l  
RT: 10.892 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion: 97 Resp: 3800  
Ion Ratio Lower Upper  
97 100  
83 60.1 66.2 99.4#  
85 38.0 43.9 65.9#  
99 55.6 50.6 76.0

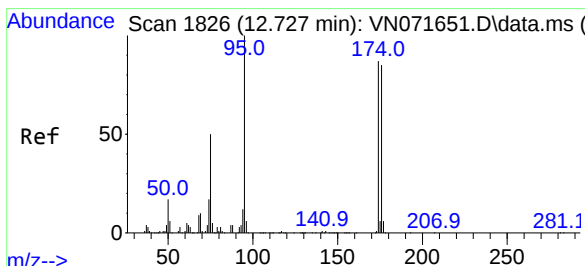
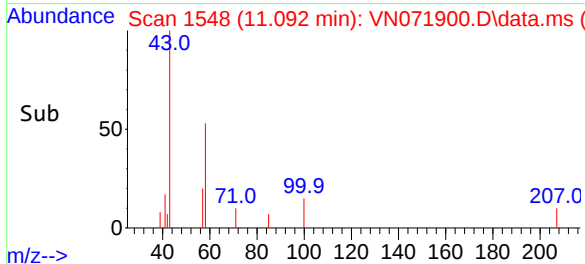
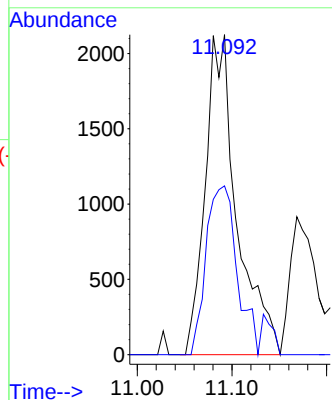
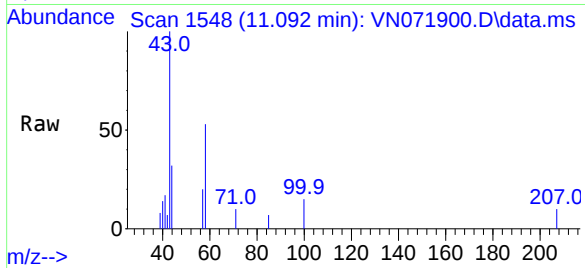




#59  
2-Hexanone  
Concen: 0.867 ug/l  
RT: 11.092 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

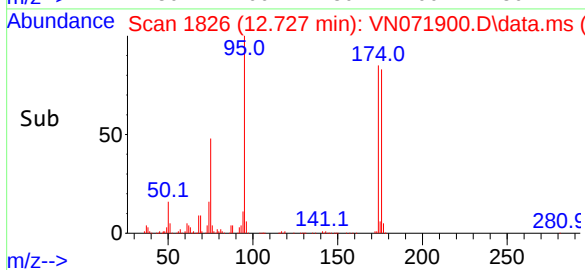
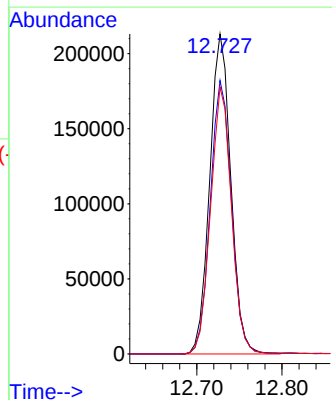
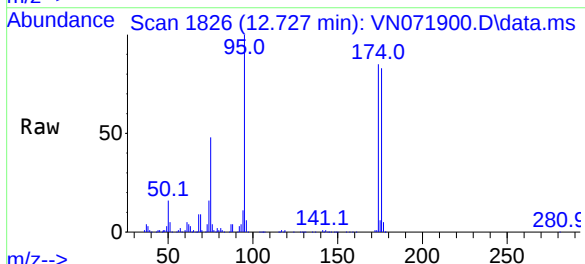
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

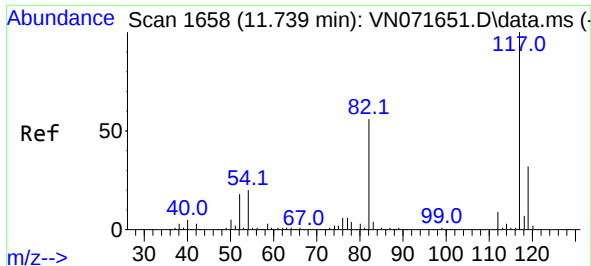
Tgt Ion: 43 Resp: 4937  
Ion Ratio Lower Upper  
43 100  
58 51.4 29.7 89.1



#62  
4-Bromofluorobenzene  
Concen: 50.080 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion: 95 Resp: 366594  
Ion Ratio Lower Upper  
95 100  
174 85.9 0.0 167.6  
176 82.4 0.0 163.4

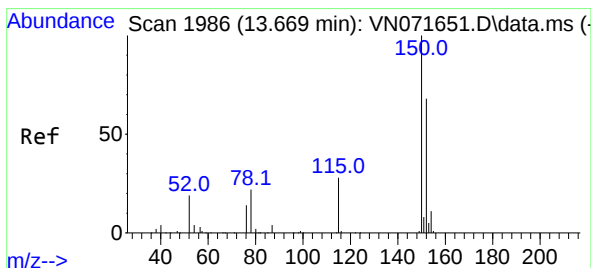
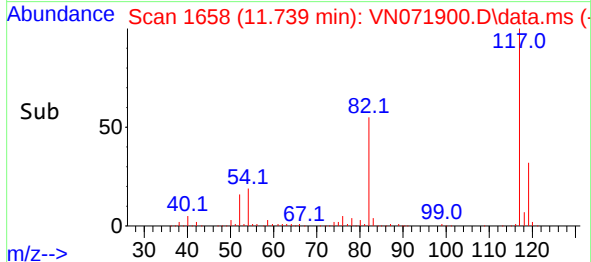
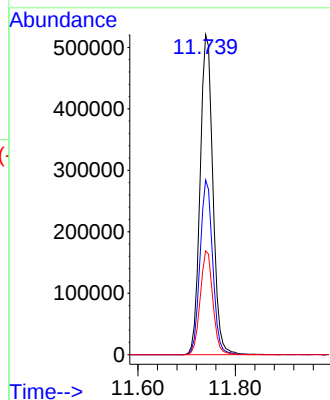
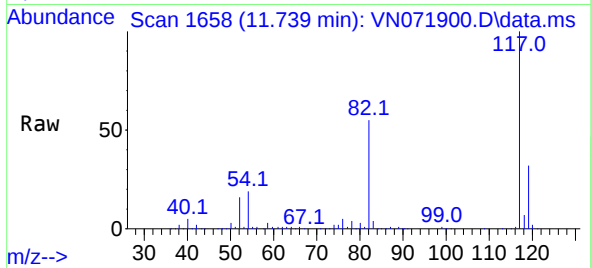




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

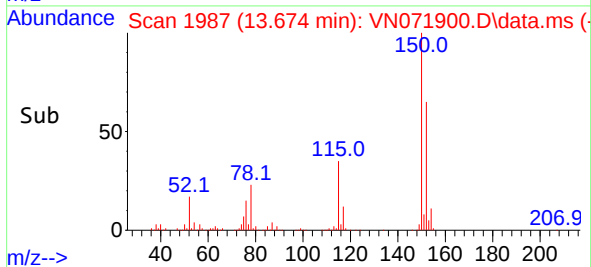
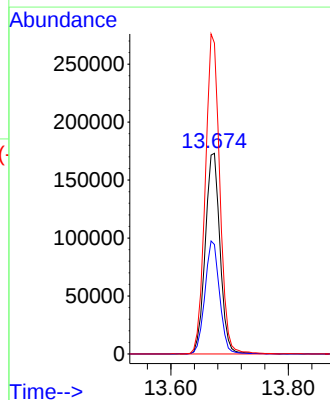
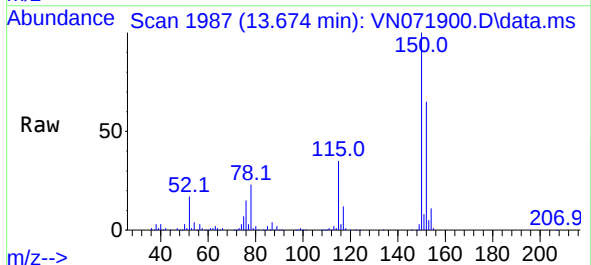
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MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

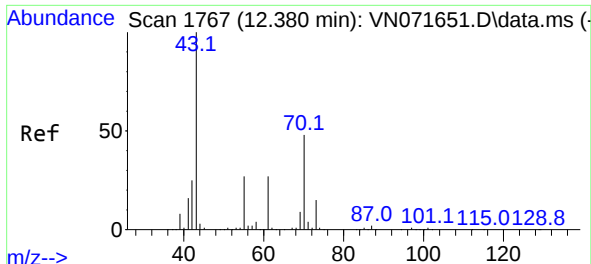
Tgt Ion:117 Resp: 948950  
Ion Ratio Lower Upper  
117 100  
82 54.6 44.2 66.2  
119 32.4 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.674 min Scan# 1987  
Delta R.T. 0.005 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion:152 Resp: 302277  
Ion Ratio Lower Upper  
152 100  
115 55.9 28.9 86.7  
150 156.4 0.0 356.2

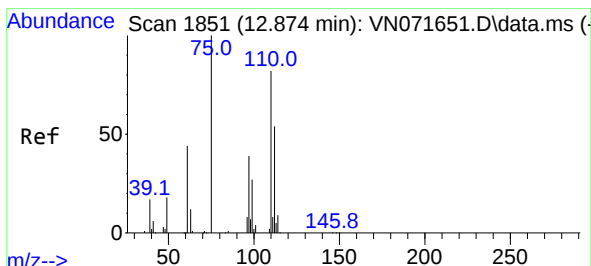
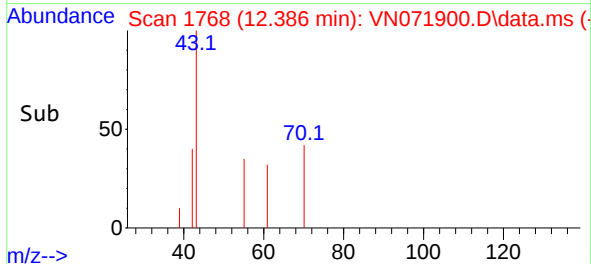
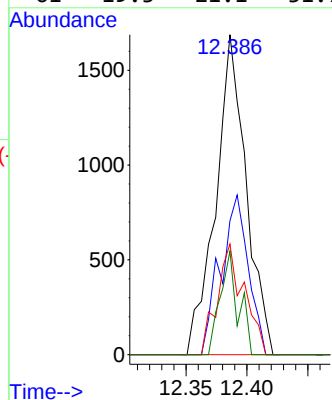
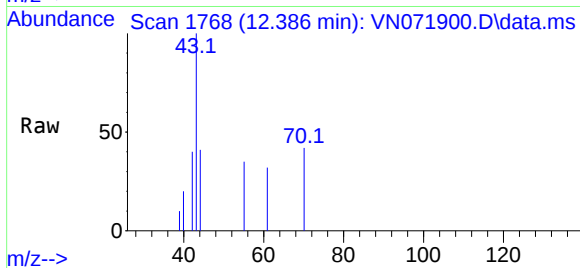




#74  
N-amy1 acetate  
Concen: 0.402 ug/l  
RT: 12.386 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

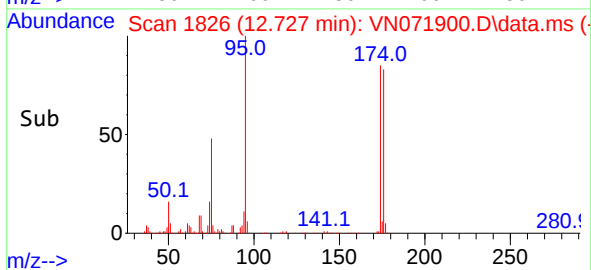
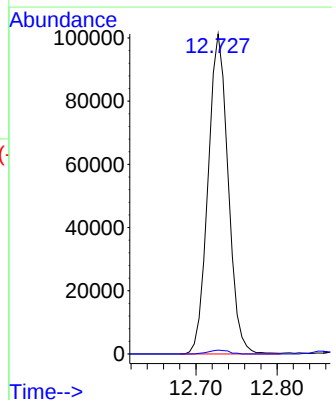
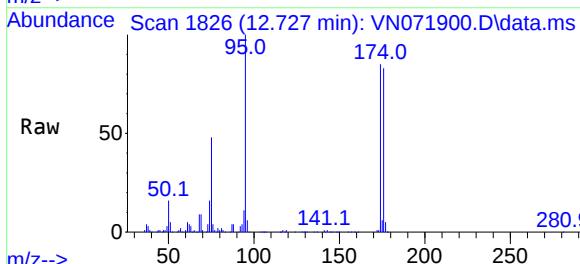
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

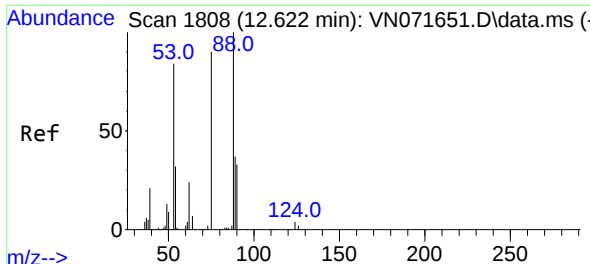
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 2935  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 45.2     | 39.0 58.4   |
| 55 30.4     | 21.1 31.7   |
| 61 19.3     | 21.1 31.7#  |



#76  
1,2,3-Trichloropropane  
Concen: 24.861 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.147 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

|             |              |
|-------------|--------------|
| Tgt Ion: 75 | Resp: 174091 |
| Ion Ratio   | Lower Upper  |
| 75 100      |              |
| 77 1.2      | 98.5 295.5#  |

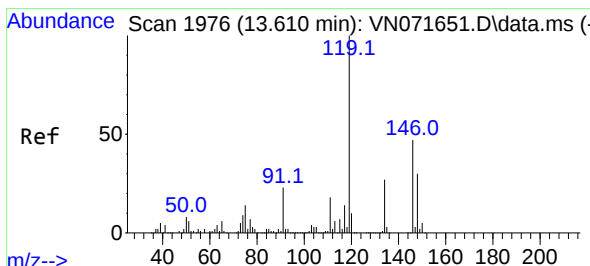
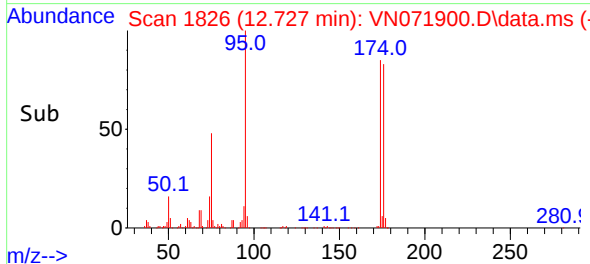
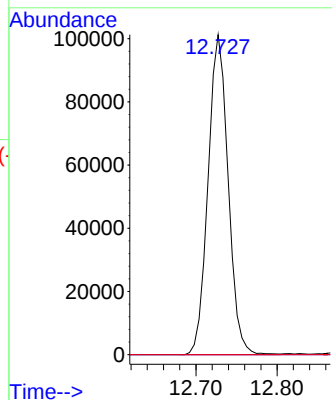
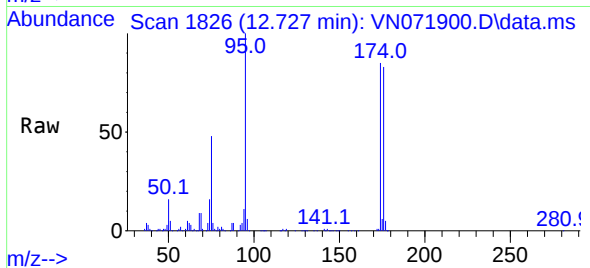




#81  
trans-1,4-Dichloro-2-butene  
Concen: 77.044 ug/l  
RT: 12.727 min Scan# 1808  
Delta R.T. 0.105 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

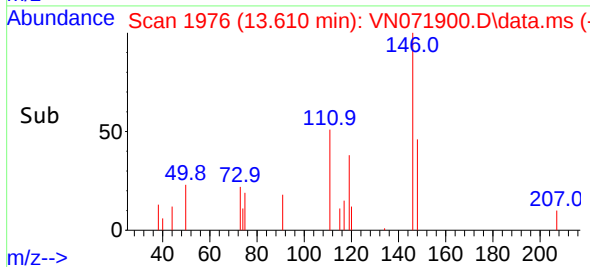
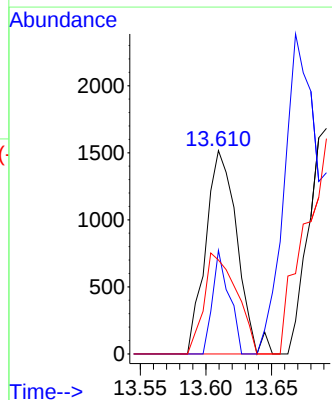
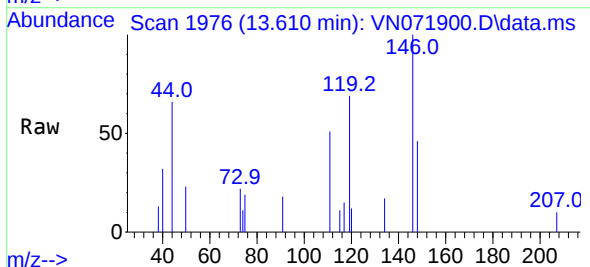
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

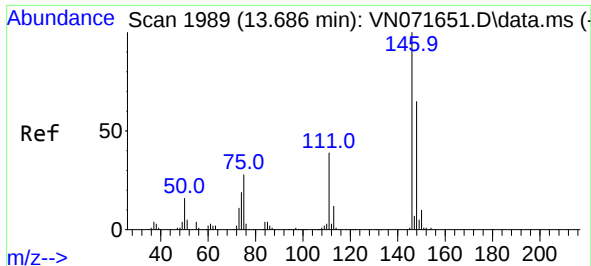
Tgt Ion: 75 Resp: 174091  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 37.2 55.8#



#87  
1,3-Dichlorobenzene  
Concen: 0.247 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

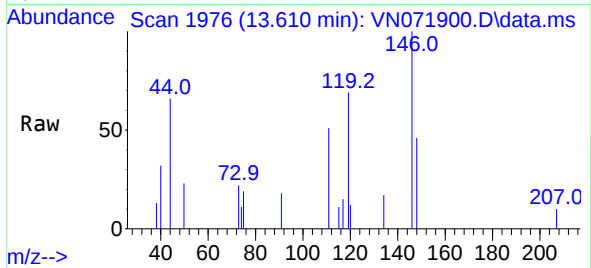
Tgt Ion:146 Resp: 2517  
Ion Ratio Lower Upper  
146 100  
111 27.1 20.0 60.0  
148 51.5 32.0 96.0



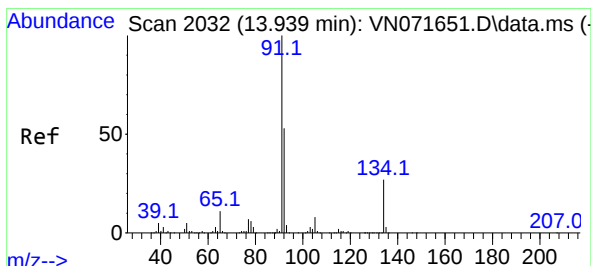
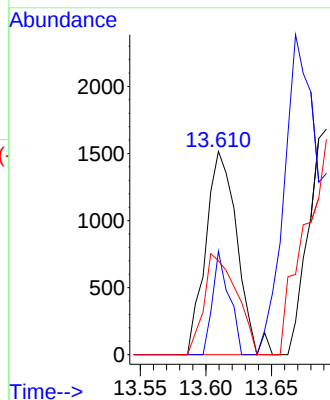
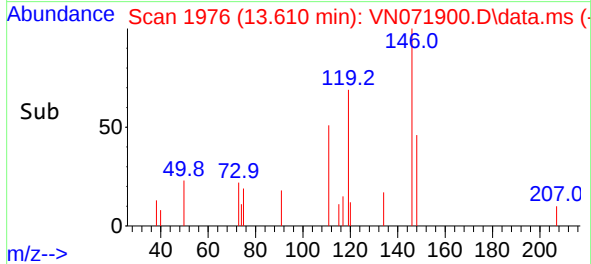


#88  
1,4-Dichlorobenzene  
Concen: 0.254 ug/l  
RT: 13.610 min Scan# 1989  
Delta R.T. -0.076 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

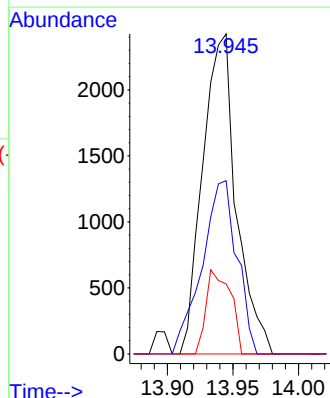
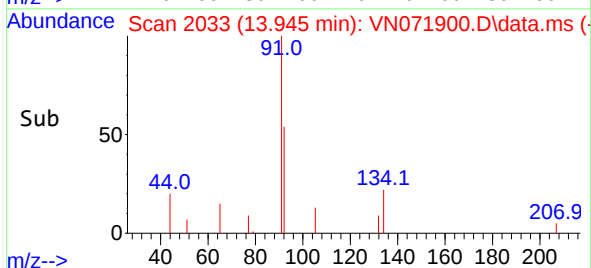
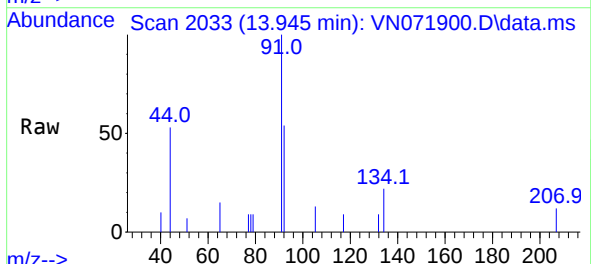


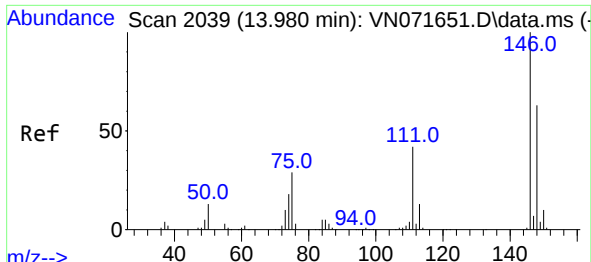
Tgt Ion:146 Resp: 2517  
Ion Ratio Lower Upper  
146 100  
111 27.1 19.1 57.1  
148 51.5 31.4 94.3



#89  
n-Butylbenzene  
Concen: 0.306 ug/l  
RT: 13.945 min Scan# 2033  
Delta R.T. 0.006 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

Tgt Ion: 91 Resp: 4325  
Ion Ratio Lower Upper  
91 100  
92 56.3 26.9 80.7  
134 19.1 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.234 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

Instrument :

MSVOA\_N

ClientSampleId :

RW7A-GW-20220406

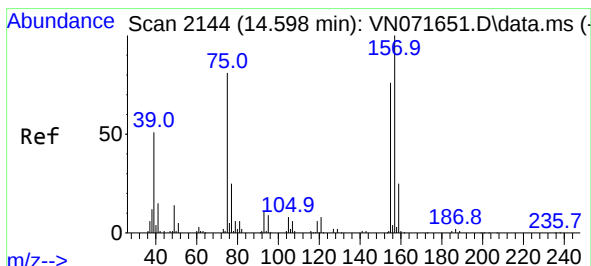
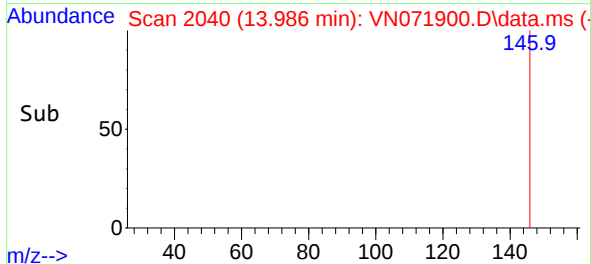
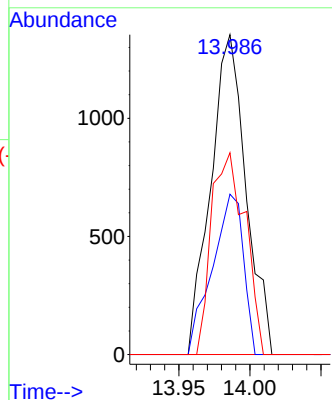
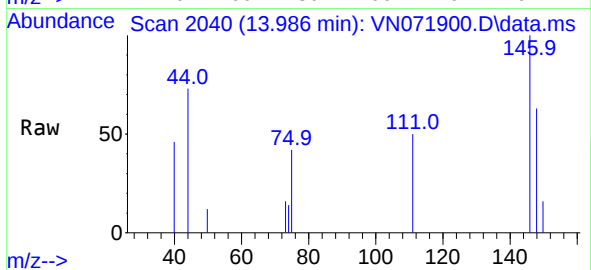
Tgt Ion:146 Resp: 2341

Ion Ratio Lower Upper

146 100

111 44.3 20.9 62.8

148 60.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.287 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071900.D

Acq: 07 Apr 2022 13:26

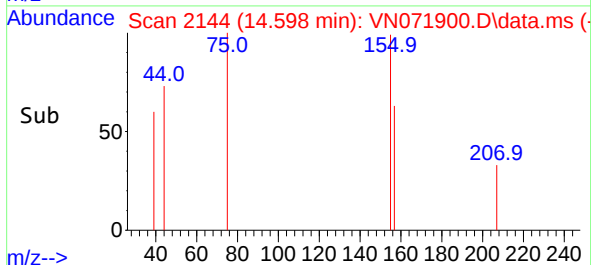
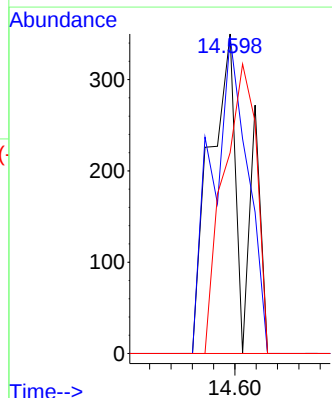
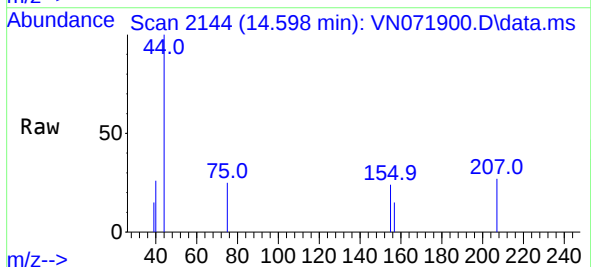
Tgt Ion: 75 Resp: 379

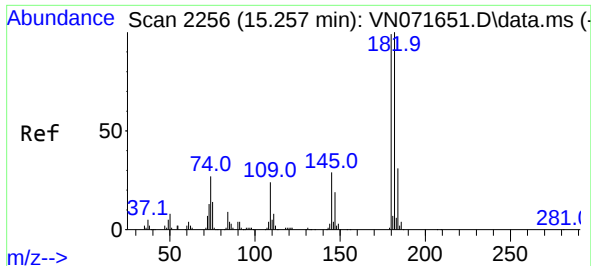
Ion Ratio Lower Upper

75 100

155 106.1 44.9 134.5

157 90.0 59.0 176.8

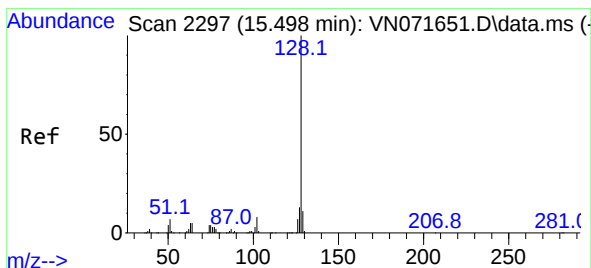
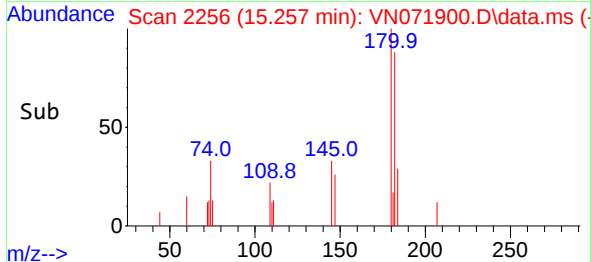
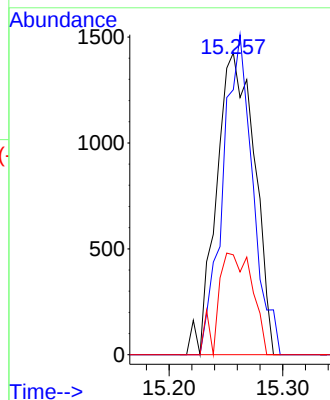
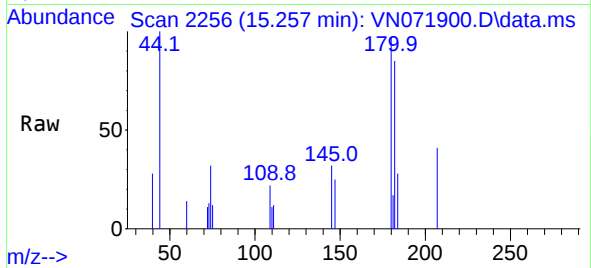




#93  
1,2,4-Trichlorobenzene  
Concen: 2.748 ug/l  
RT: 15.257 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

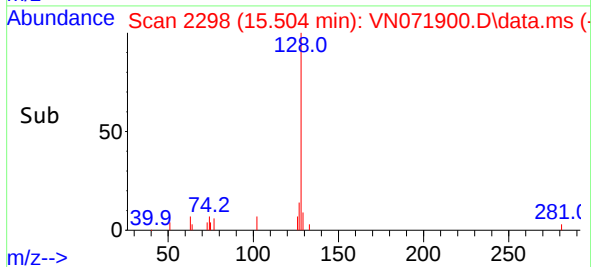
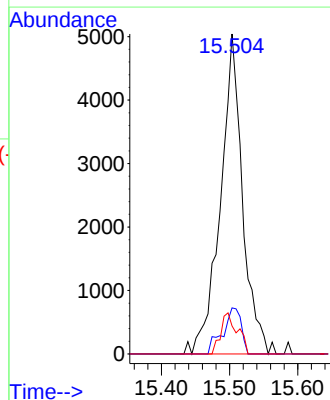
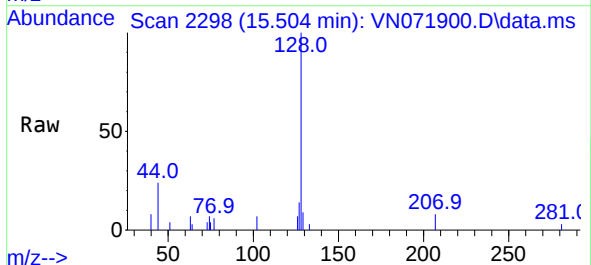
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW7A-GW-20220406

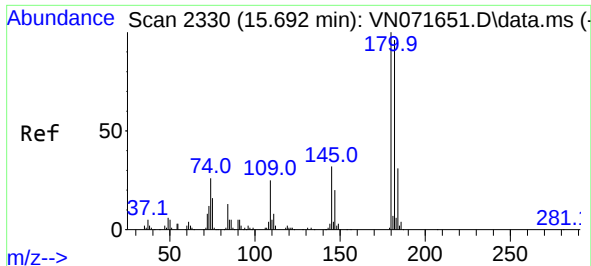
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 3326  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 83.2  | 47.5  | 142.5 |
| 145      | 30.4  | 14.5  | 43.5  |



#95  
Naphthalene  
Concen: 4.570 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. 0.006 min  
Lab File: VN071900.D  
Acq: 07 Apr 2022 13:26

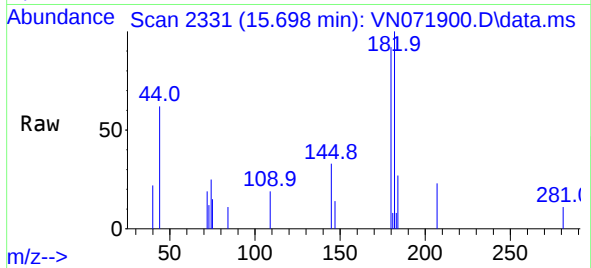
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 11422 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.0  | 10.3  | 15.5  |
| 129      | 9.7   | 8.6   | 13.0  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 3.287 ug/l  
 RT: 15.698 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN071900.D  
 Acq: 07 Apr 2022 13:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW7A-GW-20220406



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 4274  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.2  | 47.8  | 143.3 |
| 145      | 27.9  | 15.5  | 46.5  |

