

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042922\  
 Data File : VN072279.D  
 Acq On : 29 Apr 2022 18:58  
 Operator : JC\MD  
 Sample : N2617-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-14DRE

Quant Time: Apr 30 03:16:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|-----------|------------|----------|
| -----                       |        |       |          |           |            |          |
| Internal Standards          |        |       |          |           |            |          |
| 1) Pentafluorobenzene       | 8.081  | 168   | 179489   | 50.000    | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.969  | 114   | 300274   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 264471   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152   | 88840    | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 176560   | 64.074    | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery  | = 128.140% |          |
| 35) Dibromofluoromethane    | 8.022  | 113   | 113266   | 58.934    | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery  | = 117.860% |          |
| 50) Toluene-d8              | 10.439 | 98    | 411095   | 54.435    | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery  | = 108.880% |          |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 134263   | 53.563    | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery  | = 107.120% |          |
| Target Compounds            |        |       |          |           |            |          |
|                             |        |       |          |           |            | Qvalue   |
| 2) Dichlorodifluoromethane  | 2.075  | 85    | 1535     | 0.596     | ug/l       | 100      |
| 3) Chloromethane            | 2.299  | 50    | 947      | Below Cal |            | 99       |
| 4) Vinyl Chloride           | 2.440  | 62    | 2586     | 1.280     | ug/l #     | 55       |
| 6) Chloroethane             | 2.904  | 64    | 1066     | Below Cal | #          | 74       |
| 7) Trichlorofluoromethane   | 3.381  | 101   | 3582     | 1.015     | ug/l       | 87       |
| 11) Tert butyl alcohol      | 5.357  | 59    | 147      | 0.325     | ug/l #     | 72       |
| 12) 1,1-Dichloroethene      | 4.193  | 96    | 4258     | 2.484     | ug/l       | 87       |
| 13) Acrolein                | 3.993  | 56    | 2377     | 5.216     | ug/l #     | 1        |
| 14) Allyl chloride          | 4.957  | 41    | 2371     | 0.666     | ug/l #     | 1        |
| 16) Acetone                 | 4.287  | 43    | 5014     | 4.220     | ug/l       | 89       |
| 17) Carbon Disulfide        | 4.534  | 76    | 1142     | 0.644     | ug/l #     | 75       |
| 19) Methyl tert-butyl Ether | 5.616  | 73    | 3868     | 0.576     | ug/l #     | 1        |
| 20) Methylene Chloride      | 5.092  | 84    | 1525     | 0.670     | ug/l #     | 61       |
| 24) 1,1-Dichloroethane      | 6.386  | 63    | 4552     | 1.110     | ug/l #     | 86       |
| 25) 2-Butanone              | 7.339  | 43    | 1227     | 0.649     | ug/l       | 97       |
| 27) cis-1,2-Dichloroethene  | 7.322  | 96    | 18145    | 7.874     | ug/l       | 96       |
| 30) Chloroform              | 7.816  | 83    | 4926     | 1.196     | ug/l       | 96       |
| 31) Cyclohexane             | 8.092  | 56    | 11406    | 3.098     | ug/l #     | 68       |
| 36) 1,1-Dichloropropene     | 8.081  | 75    | 15386    | 5.500     | ug/l #     | 49       |
| 38) Carbon Tetrachloride    | 8.081  | 117   | 20414    | 6.813     | ug/l #     | 16       |
| 39) Methylcyclohexane       | 9.457  | 83    | 1332     | 0.426     | ug/l #     | 69       |
| 40) Benzene                 | 8.457  | 78    | 93153    | 10.735    | ug/l       | 100      |
| 41) Methacrylonitrile       | 7.833  | 41    | 543      | 0.289     | ug/l #     | 1        |
| 42) 1,2-Dichloroethane      | 8.528  | 62    | 963      | 0.290     | ug/l #     | 74       |
| 43) Isopropyl Acetate       | 8.528  | 43    | 1083     | 0.984     | ug/l #     | 53       |
| 44) Trichloroethene         | 9.210  | 130   | 30269    | 14.996    | ug/l       | 90       |
| 48) Methyl methacrylate     | 9.457  | 41    | 678      | 0.276     | ug/l #     | 41       |
| 52) Toluene                 | 10.504 | 92    | 59537    | 11.477    | ug/l       | 99       |
| 53) t-1,3-Dichloropropene   | 10.498 | 75    | 901      | 0.291     | ug/l #     | 32       |
| 60) Dibromochloromethane    | 10.974 | 129   | 3820     | 1.718     | ug/l #     | 11       |
| 64) Tetrachloroethene       | 10.974 | 164   | 4136     | 2.598     | ug/l #     | 87       |
| 67) Ethyl Benzene           | 11.839 | 91    | 157327   | 16.882    | ug/l       | 96       |
| 68) m/p-Xylenes             | 11.951 | 106   | 99618    | 28.787    | ug/l       | 85       |
| 69) o-Xylene                | 12.274 | 106   | 92092    | 27.451    | ug/l       | 90       |
| 70) Styrene                 | 12.274 | 104   | 4724     | 0.894     | ug/l #     | 1        |
| 71) Bromoform               | 12.716 | 173   | 474      | 0.317     | ug/l #     | 28       |

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 Sample : N2617-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

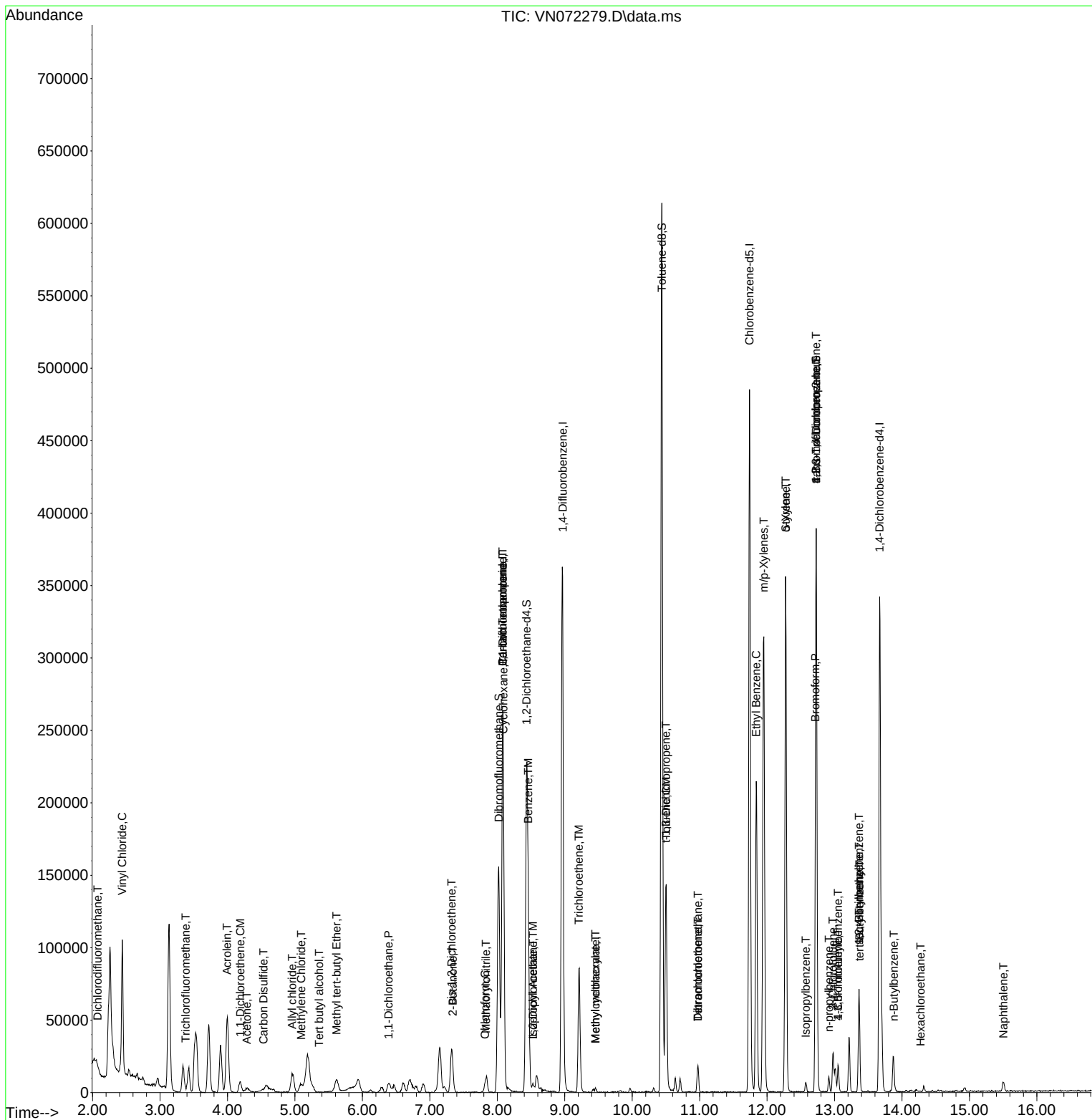
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-14DRE

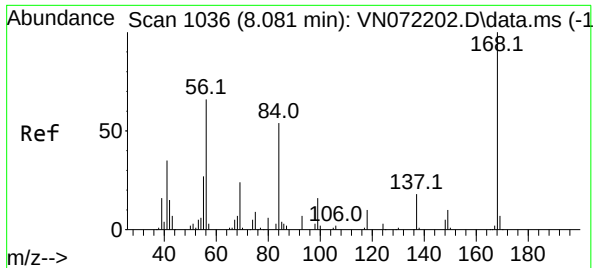
Quant Time: Apr 30 03:16:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 73) Isopropylbenzene          | 12.574 | 105  | 4995     | 0.637   | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane    | 12.727 | 75   | 78061    | 38.739  | ug/l # | 1        |
| 78) n-propylbenzene           | 12.916 | 91   | 8151     | 0.943   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.974 | 91   | 2008     | 0.354   | ug/l # | 40       |
| 80) 1,3,5-Trimethylbenzene    | 13.051 | 105  | 10025    | 1.534   | ug/l   | 92       |
| 81) trans-1,4-Dichloro-2-b... | 12.727 | 75   | 78061    | 101.597 | ug/l # | 10       |
| 82) 4-Chlorotoluene           | 13.051 | 91   | 1174     | 0.222   | ug/l # | 40       |
| 83) tert-Butylbenzene         | 13.368 | 119  | 4788     | 0.835   | ug/l # | 44       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 39385    | 6.229   | ug/l   | 93       |
| 85) sec-Butylbenzene          | 13.363 | 105  | 39385    | 5.265   | ug/l # | 56       |
| 89) n-Butylbenzene            | 13.880 | 91   | 2182     | 0.489   | ug/l # | 42       |
| 90) Hexachloroethane          | 14.274 | 117  | 281      | 0.222   | ug/l # | 9        |
| 95) Naphthalene               | 15.504 | 128  | 7863     | 5.861   | ug/l   | 98       |
| -----                         |        |      |          |         |        |          |

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

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Quant Title : SW846 8260  
QLast Update : Tue Apr 26 18:50:11 2022  
Response via : Initial Calibration

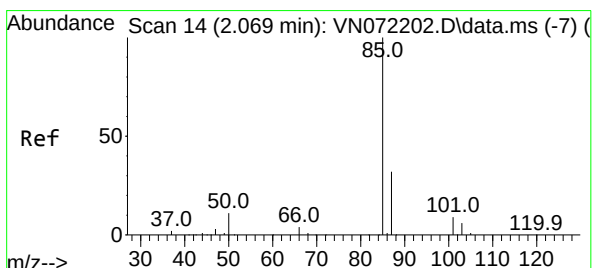
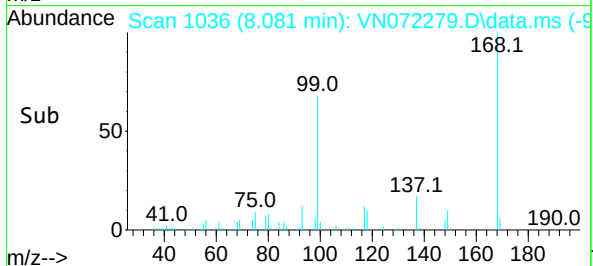
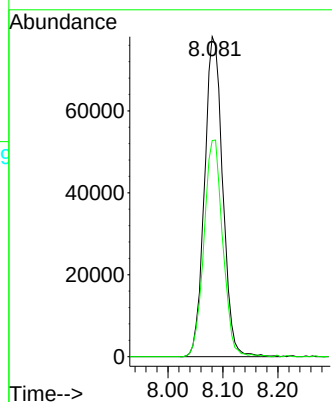
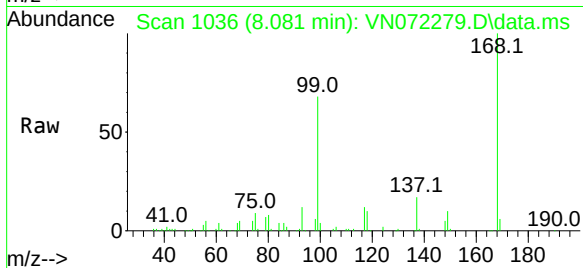




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

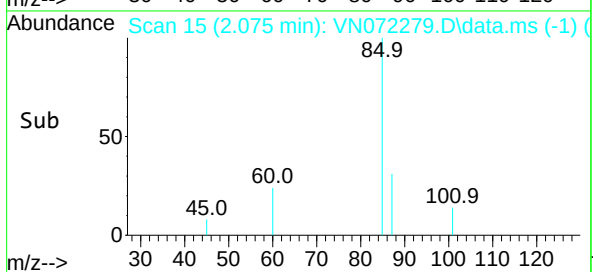
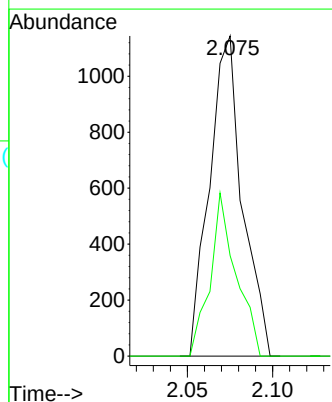
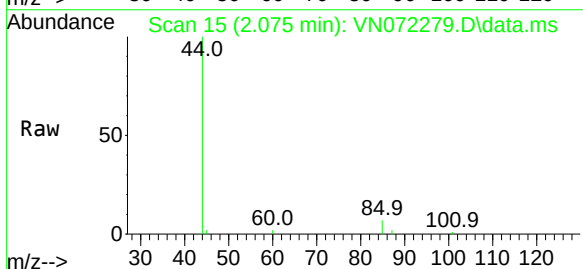
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

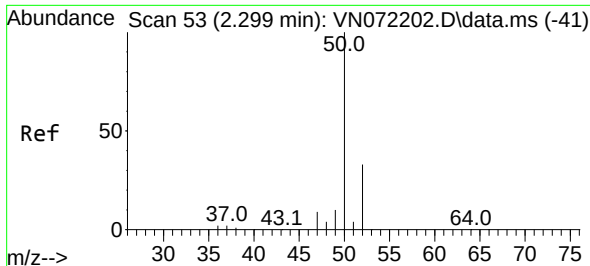
Tgt Ion:168 Resp: 179489  
Ion Ratio Lower Upper  
168 100  
99 67.6 42.3 63.5#



#2  
Dichlorodifluoromethane  
Concen: 0.596 ug/l  
RT: 2.075 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

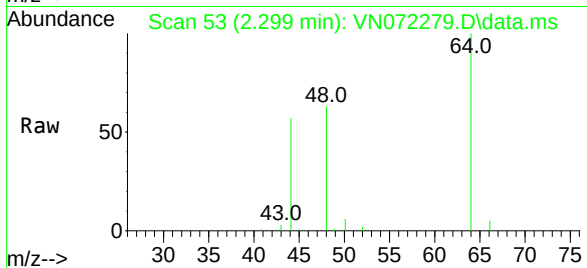
Tgt Ion: 85 Resp: 1535  
Ion Ratio Lower Upper  
85 100  
87 31.4 15.7 47.1



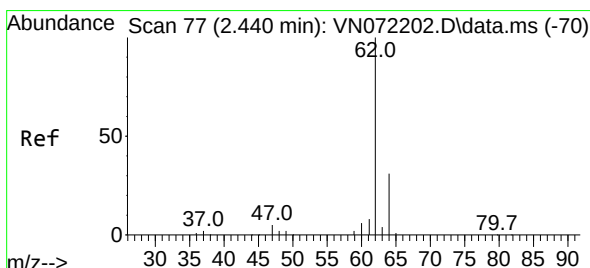
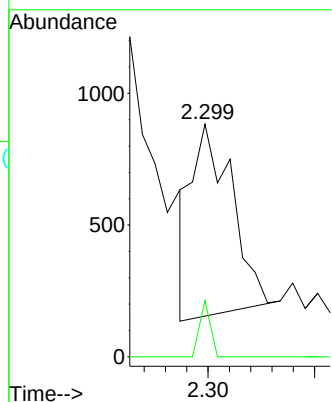
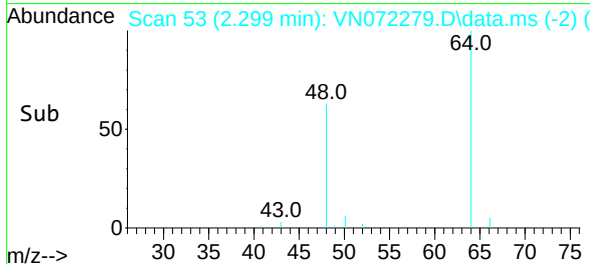


#3  
Chloromethane  
Concen: Below Cal  
RT: 2.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

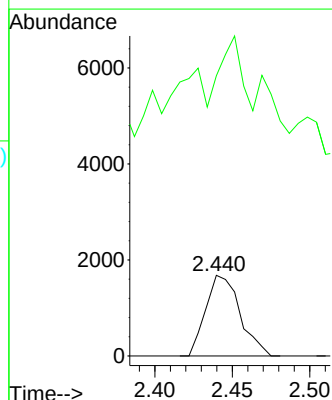
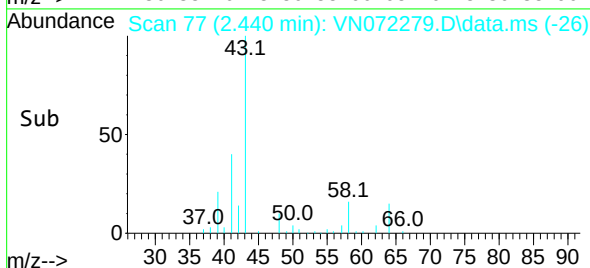
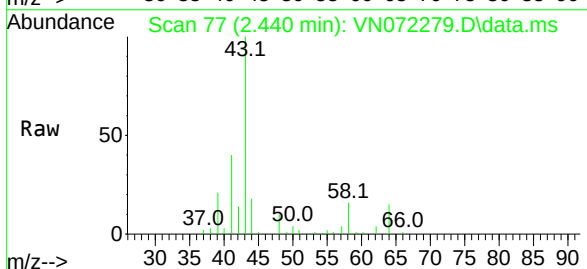


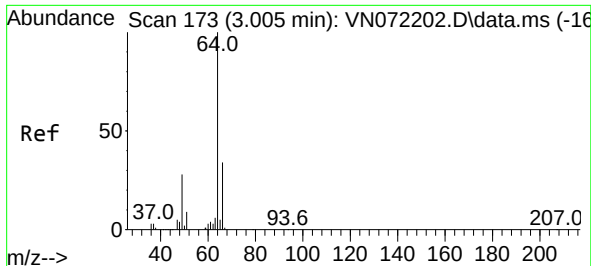
Tgt Ion: 50 Resp: 947  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.7 38.5



#4  
Vinyl Chloride  
Concen: 1.280 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. -0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion: 62 Resp: 2586  
Ion Ratio Lower Upper  
62 100  
64 56.0 25.0 37.4#

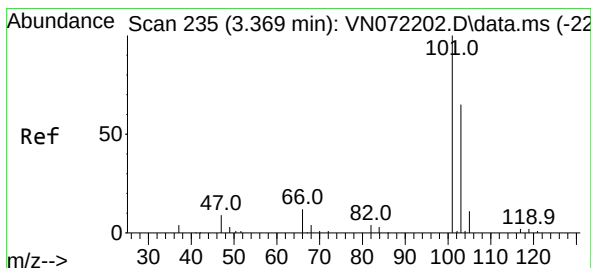
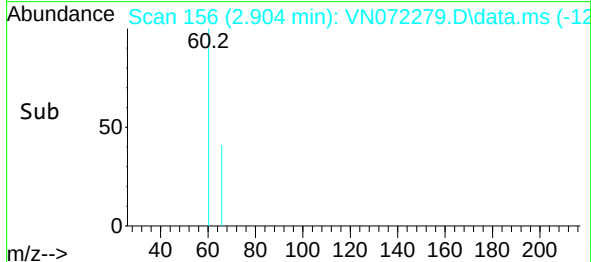
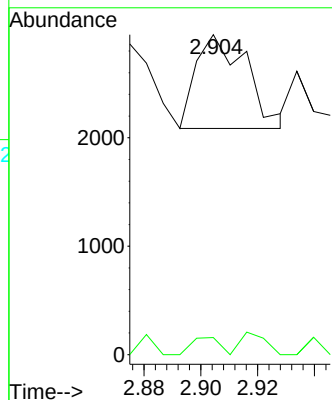
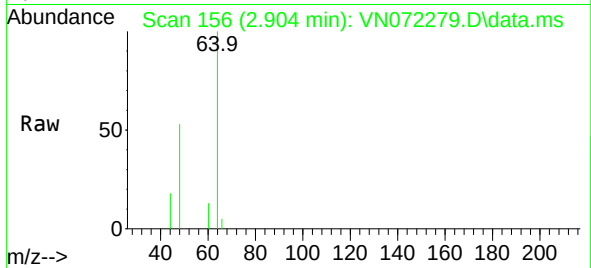




#6  
Chloroethane  
Concen: Below Cal  
RT: 2.904 min Scan# 11  
Delta R.T. -0.101 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

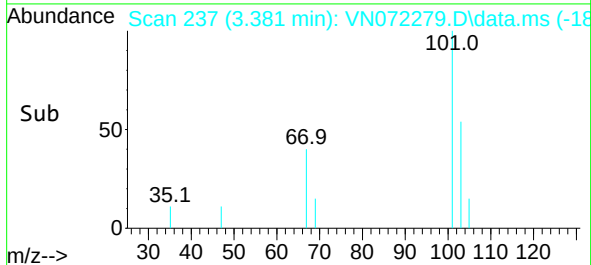
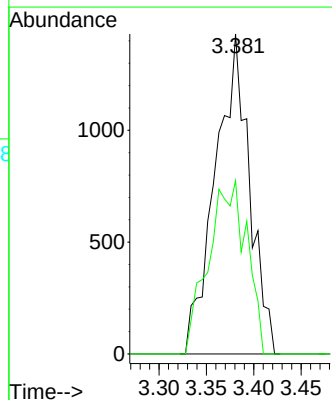
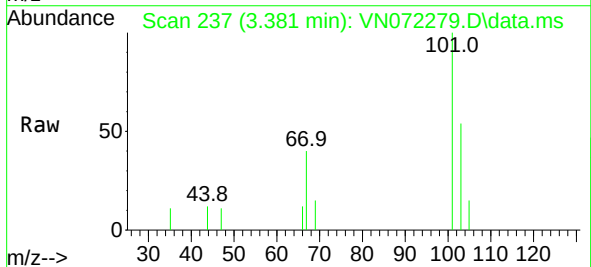
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

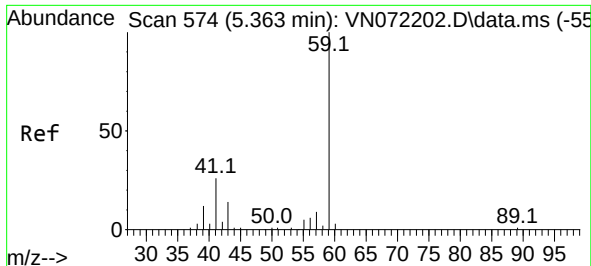
Tgt Ion: 64 Resp: 1066  
Ion Ratio Lower Upper  
64 100  
66 18.2 26.2 39.4#



#7  
Trichlorofluoromethane  
Concen: 1.015 ug/l  
RT: 3.381 min Scan# 237  
Delta R.T. 0.012 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion:101 Resp: 3582  
Ion Ratio Lower Upper  
101 100  
103 54.2 51.5 77.3

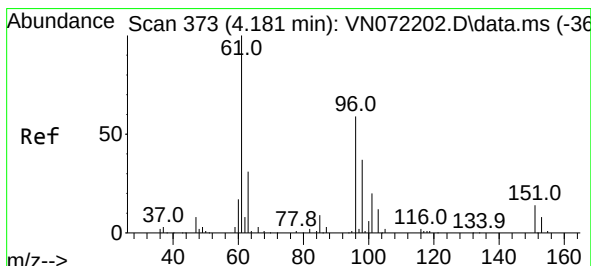
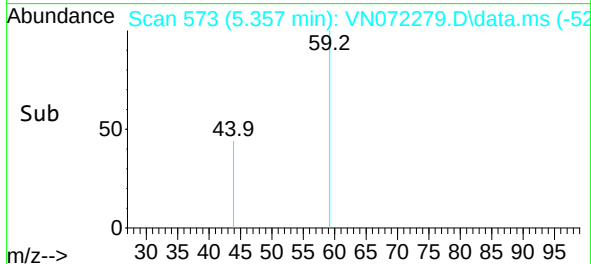
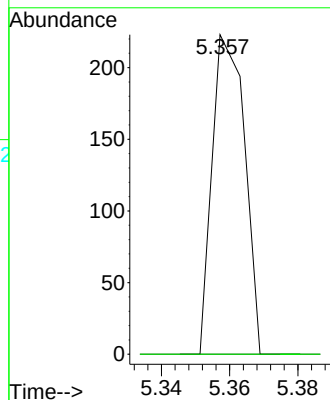
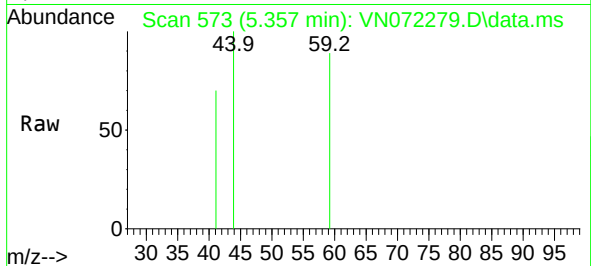




#11  
Tert butyl alcohol  
Concen: 0.325 ug/l  
RT: 5.357 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

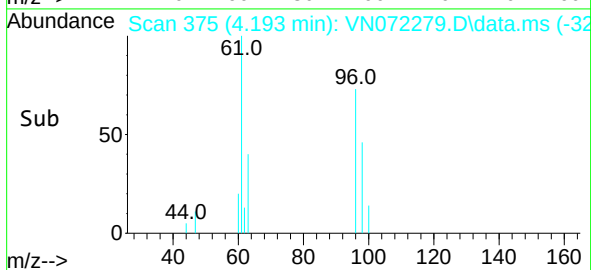
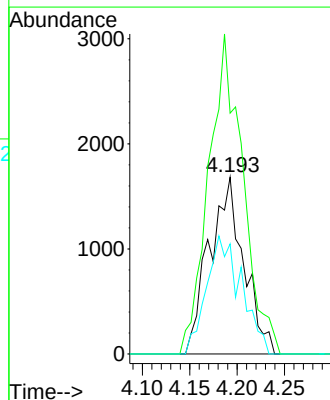
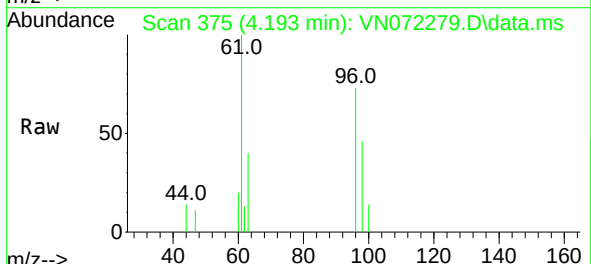
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

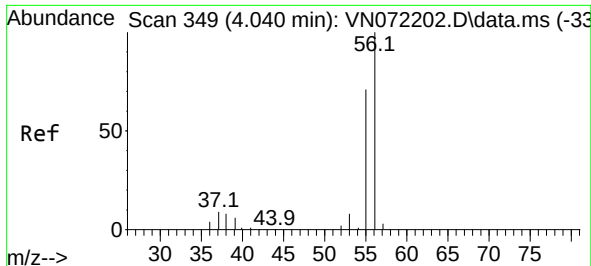
Tgt Ion: 59 Resp: 147  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 2.484 ug/l  
RT: 4.193 min Scan# 375  
Delta R.T. 0.012 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion: 96 Resp: 4258  
Ion Ratio Lower Upper  
96 100  
61 136.2 127.6 191.4  
98 62.3 51.2 76.8





#13

Acrolein

Concen: 5.216 ug/l

RT: 3.993 min Scan# 34

Delta R.T. -0.047 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

Instrument :

MSVOA\_N

ClientSampleId :

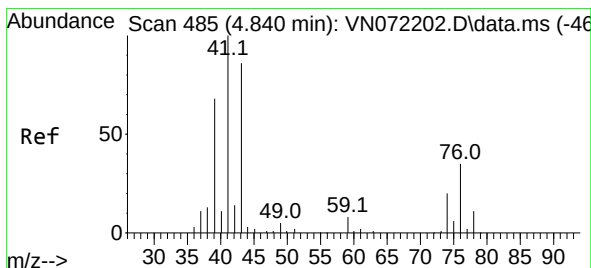
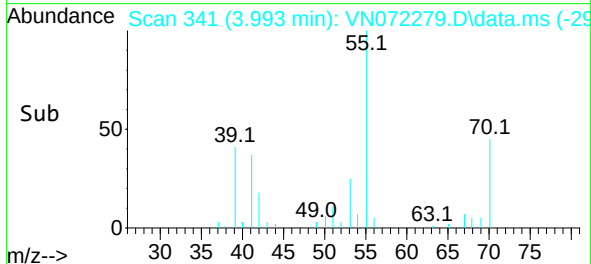
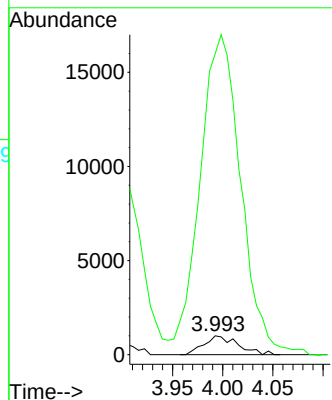
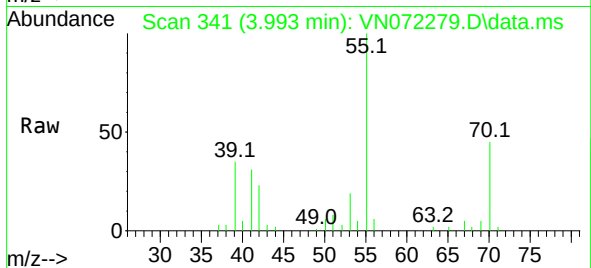
MW-14DRE

Tgt Ion: 56 Resp: 2377

Ion Ratio Lower Upper

56 100

55 2027.6 54.8 82.2#



#14

Allyl chloride

Concen: 0.666 ug/l

RT: 4.957 min Scan# 505

Delta R.T. 0.117 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

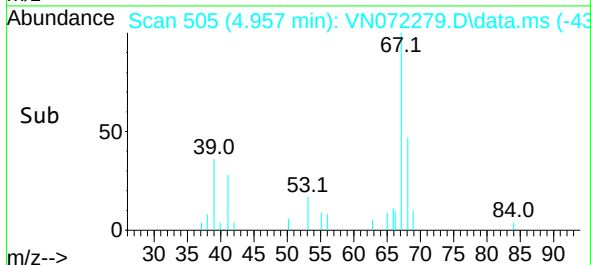
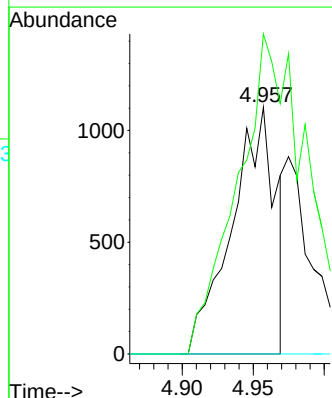
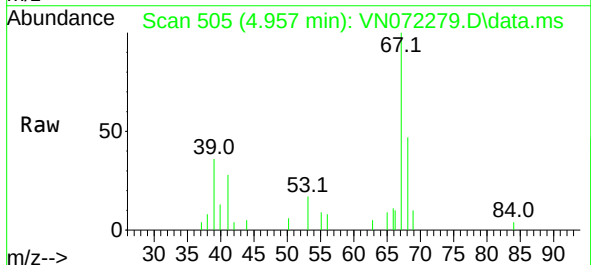
Tgt Ion: 41 Resp: 2371

Ion Ratio Lower Upper

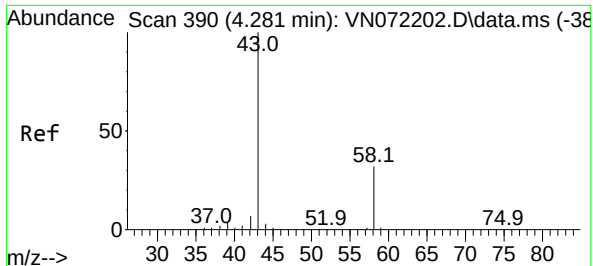
41 100

39 209.5 53.2 79.8#

76 0.0 29.9 44.9#







#16

Acetone

Concen: 4.220 ug/l

RT: 4.287 min Scan# 390

Delta R.T. 0.006 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

Instrument :

MSVOA\_N

ClientSampleId :

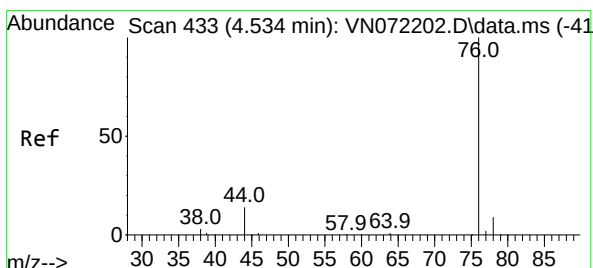
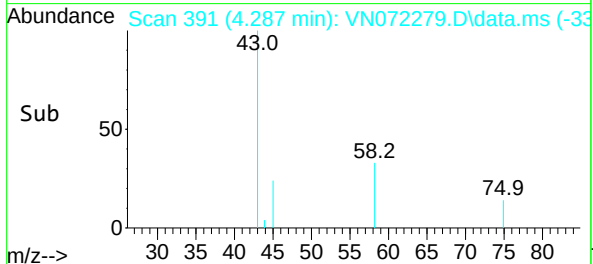
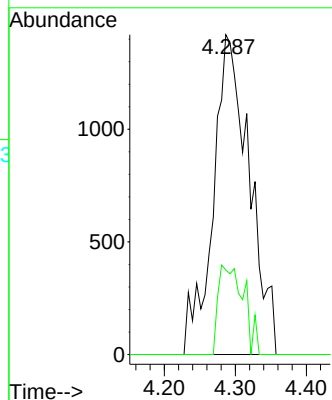
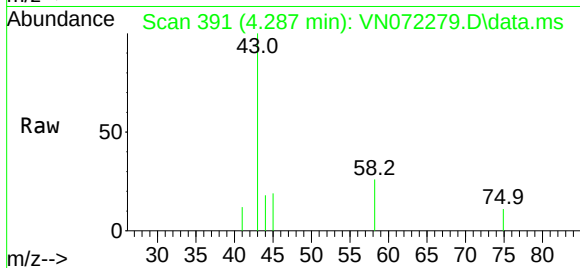
MW-14DRE

Tgt Ion: 43 Resp: 5014

Ion Ratio Lower Upper

43 100

58 26.4 26.0 39.0



#17

Carbon Disulfide

Concen: 0.644 ug/l

RT: 4.534 min Scan# 433

Delta R.T. -0.000 min

Lab File: VN072279.D

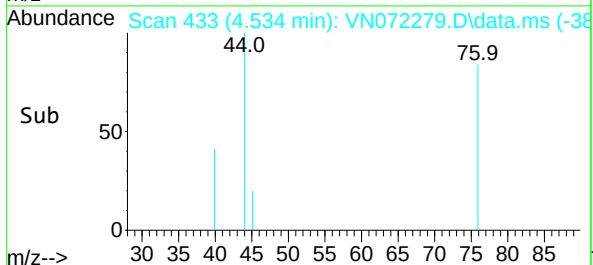
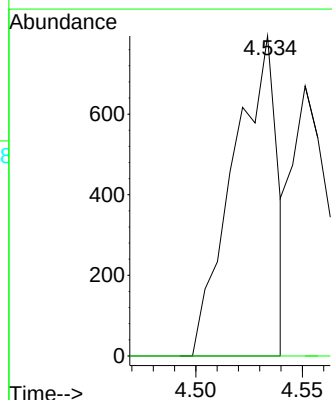
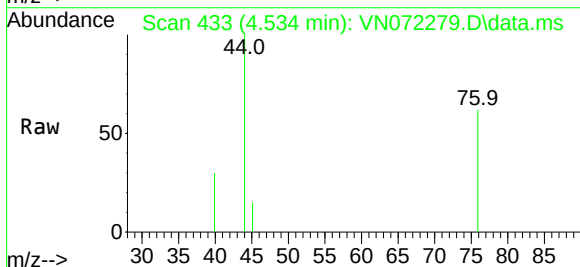
Acq: 29 Apr 2022 18:58

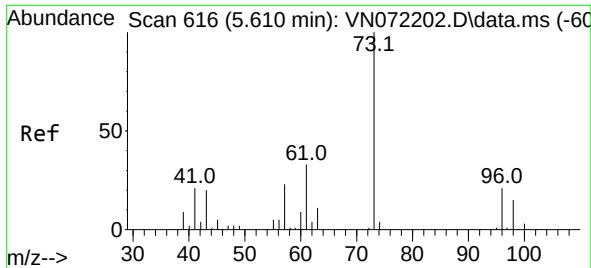
Tgt Ion: 76 Resp: 1142

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

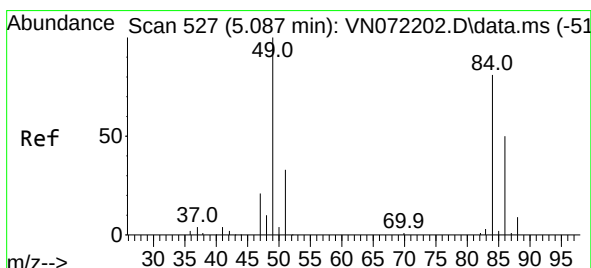
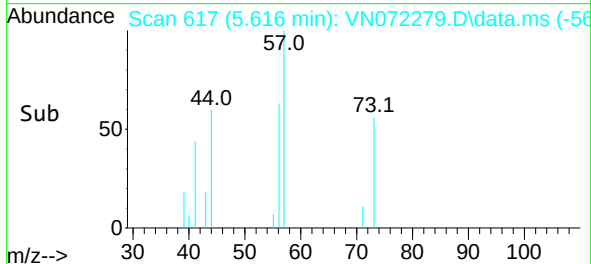
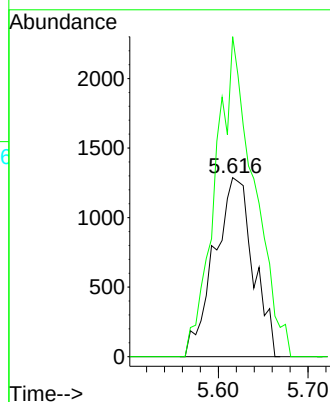
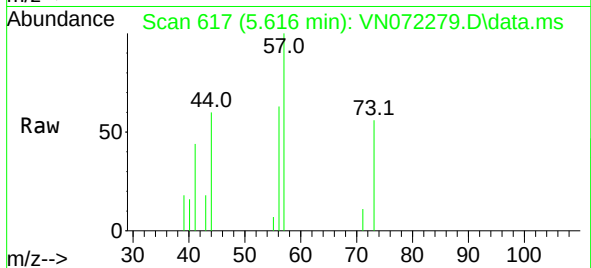




#19  
Methyl tert-butyl Ether  
Concen: 0.576 ug/l  
RT: 5.616 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

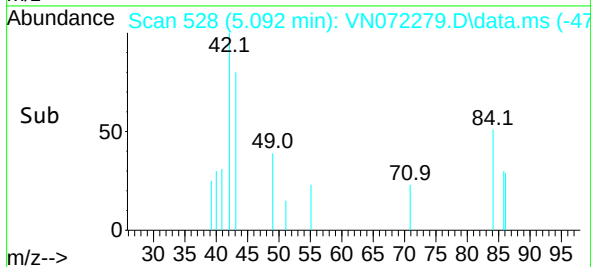
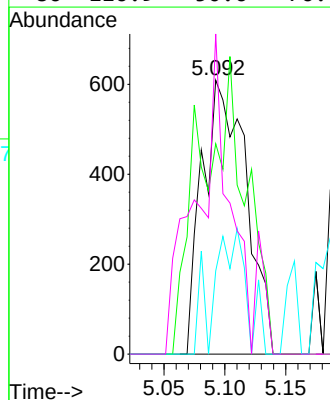
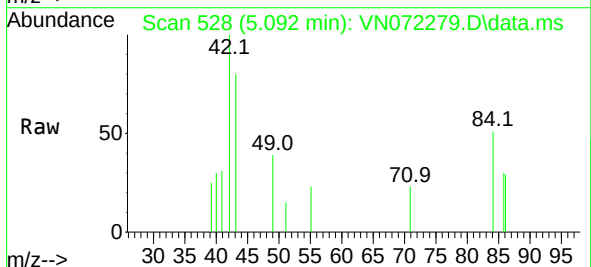
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

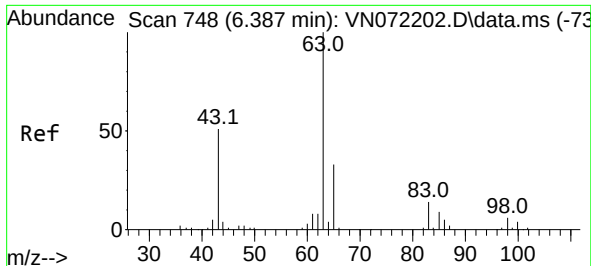
Tgt Ion: 73 Resp: 3868  
Ion Ratio Lower Upper  
73 100  
57 178.6 17.6 26.4#



#20  
Methylene Chloride  
Concen: 0.670 ug/l  
RT: 5.092 min Scan# 528  
Delta R.T. 0.005 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion: 84 Resp: 1525  
Ion Ratio Lower Upper  
84 100  
49 76.8 88.3 132.5#  
51 30.4 28.2 42.2  
86 116.9 50.6 76.0#

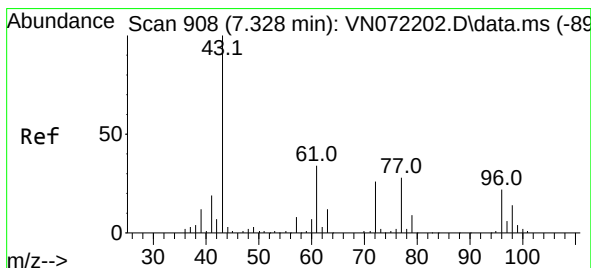
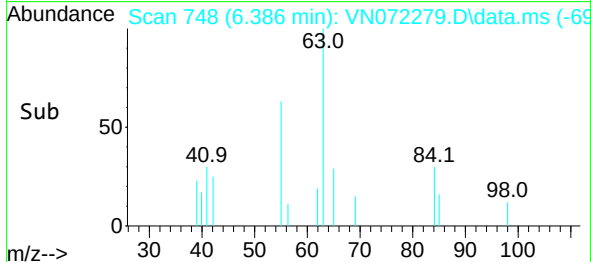
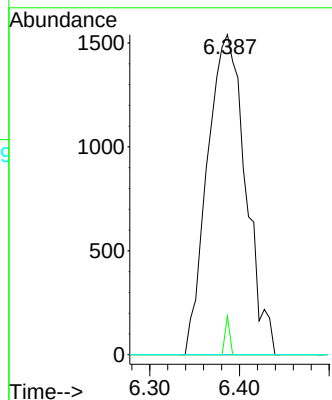
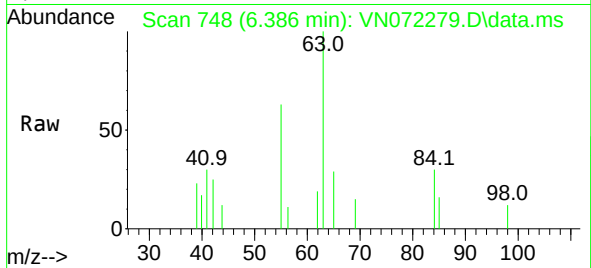




#24  
1,1-Dichloroethane  
Concen: 1.110 ug/l  
RT: 6.386 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

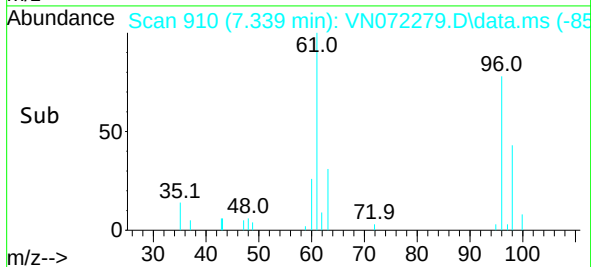
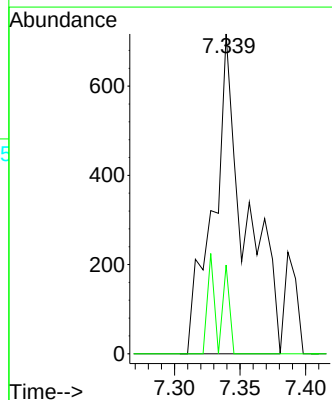
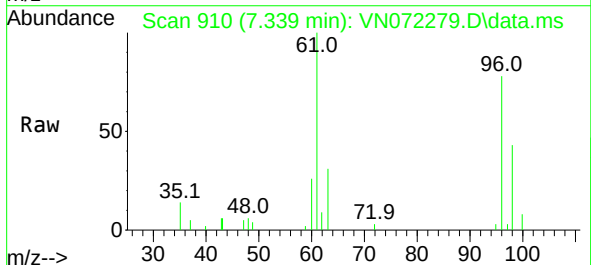
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

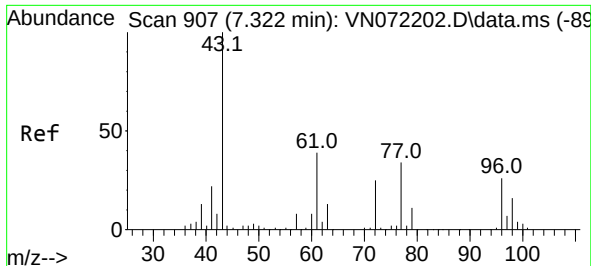
Tgt Ion: 63 Resp: 4552  
Ion Ratio Lower Upper  
63 100  
98 12.1 3.5 10.4#  
100 0.0 2.3 6.8#



#25  
2-Butanone  
Concen: 0.649 ug/l  
RT: 7.339 min Scan# 910  
Delta R.T. 0.011 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion: 43 Resp: 1227  
Ion Ratio Lower Upper  
43 100  
72 27.8 23.7 35.5





#27

cis-1,2-Dichloroethene

Concen: 7.874 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072279.D

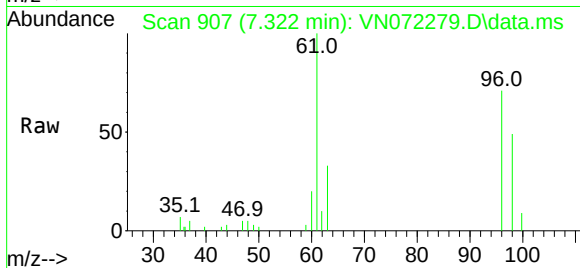
Acq: 29 Apr 2022 18:58

Instrument :

MSVOA\_N

ClientSampleId :

MW-14DRE



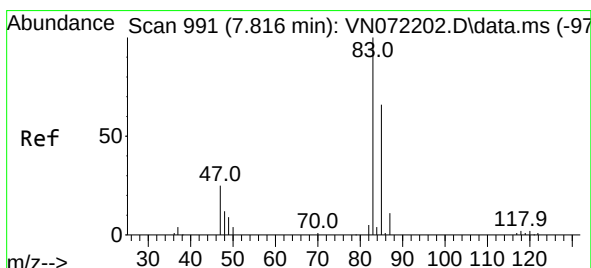
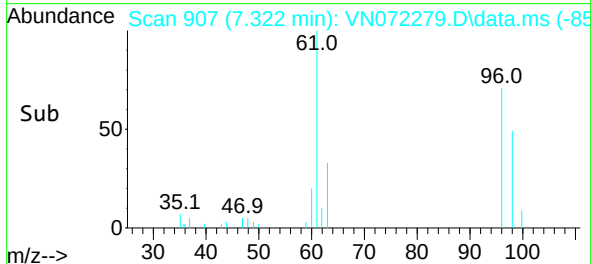
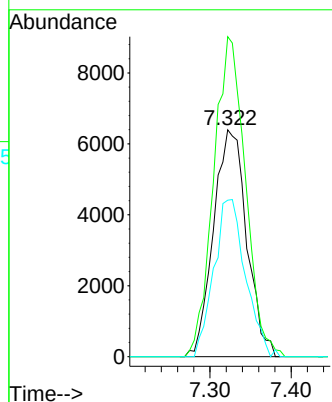
Tgt Ion: 96 Resp: 18145

Ion Ratio Lower Upper

96 100

61 135.3 0.0 280.6

98 66.1 0.0 128.4



#30

Chloroform

Concen: 1.196 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072279.D

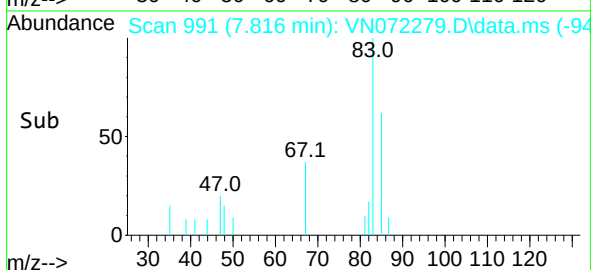
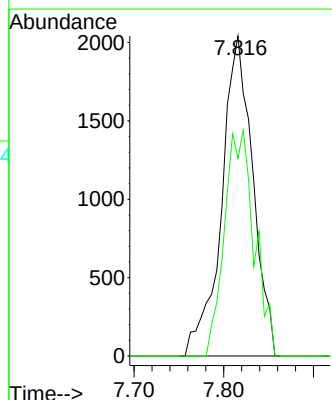
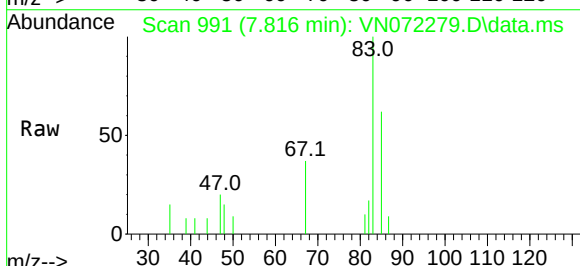
Acq: 29 Apr 2022 18:58

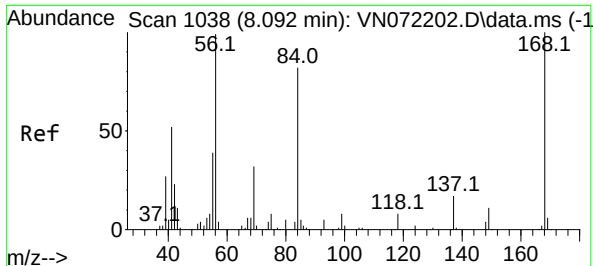
Tgt Ion: 83 Resp: 4926

Ion Ratio Lower Upper

83 100

85 61.7 51.8 77.8





#31

Cyclohexane

Concen: 3.098 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

Instrument :

MSVOA\_N

ClientSampleId :

MW-14DRE

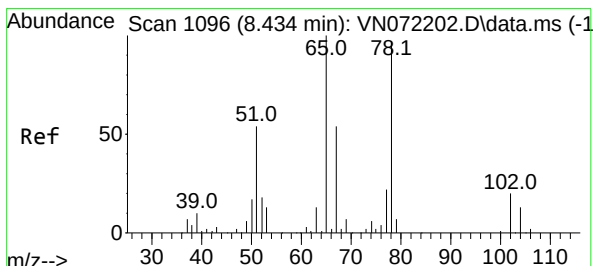
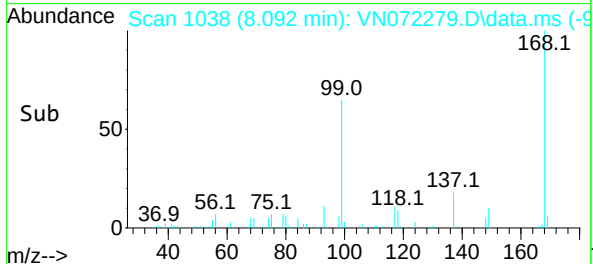
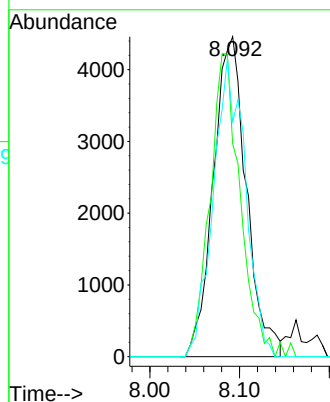
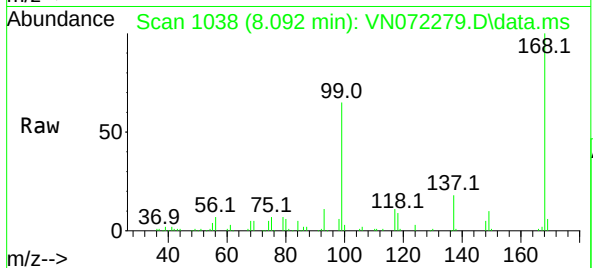
Tgt Ion: 56 Resp: 11406

Ion Ratio Lower Upper

56 100

69 66.5 27.8 41.8#

84 73.4 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 64.074 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072279.D

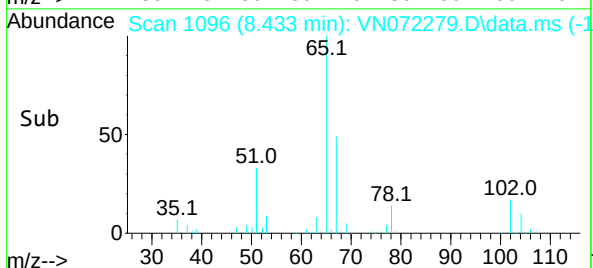
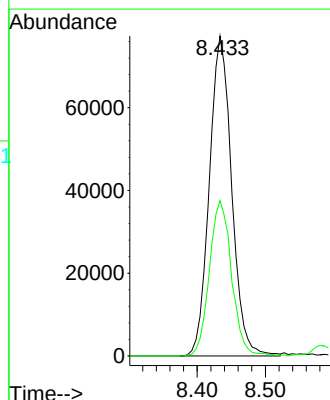
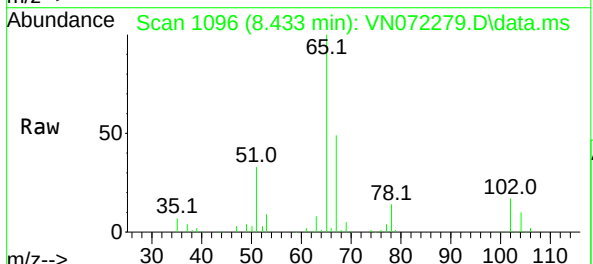
Acq: 29 Apr 2022 18:58

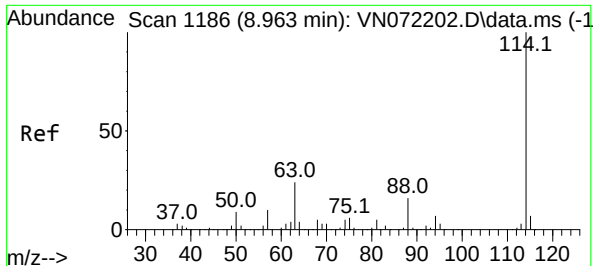
Tgt Ion: 65 Resp: 176560

Ion Ratio Lower Upper

65 100

67 48.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

Instrument :

MSVOA\_N

ClientSampleId :

MW-14DRE

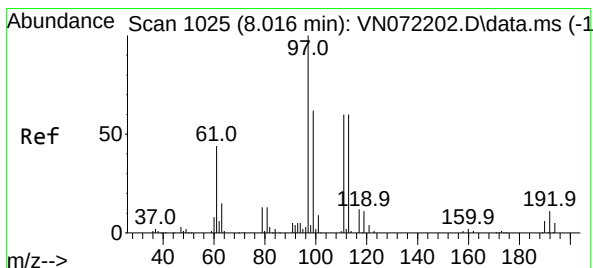
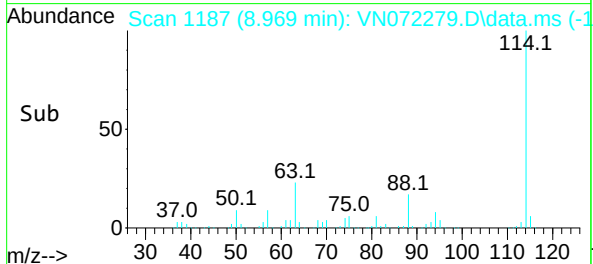
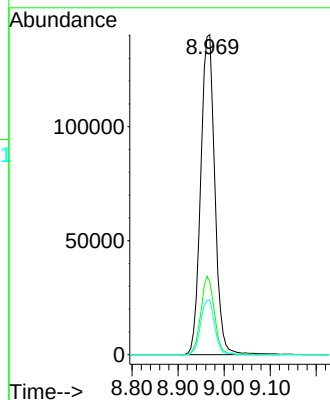
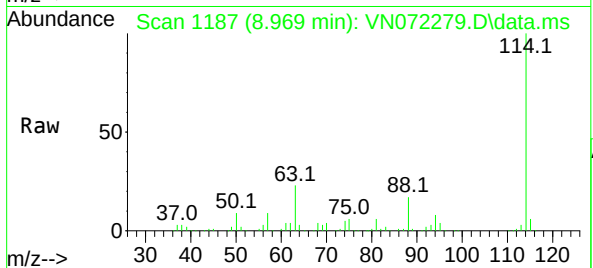
Tgt Ion:114 Resp: 300274

Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 58.934 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

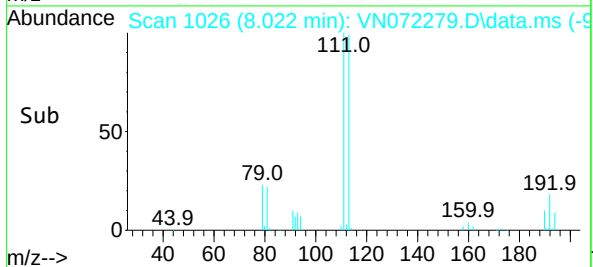
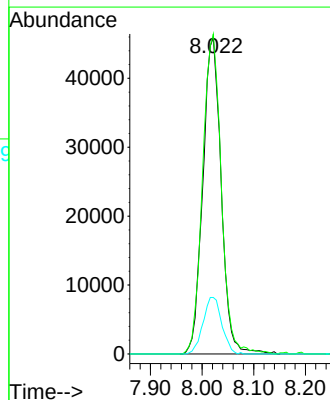
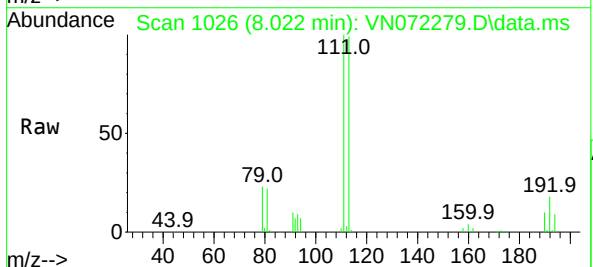
Tgt Ion:113 Resp: 113266

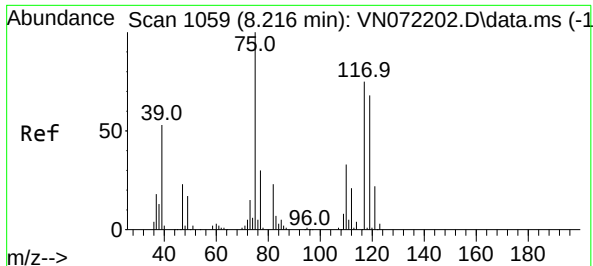
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 18.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.500 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

Instrument :

MSVOA\_N

ClientSampleId :

MW-14DRE

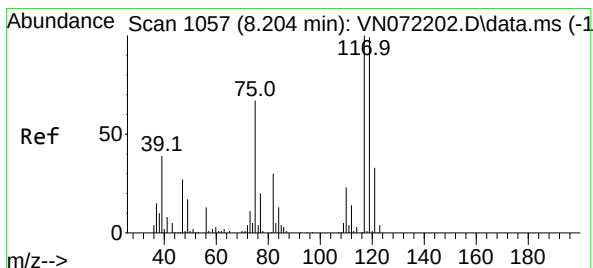
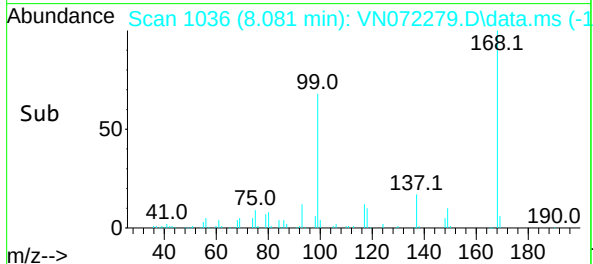
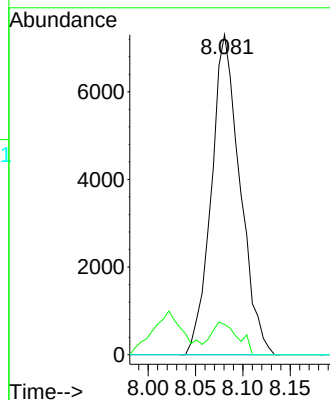
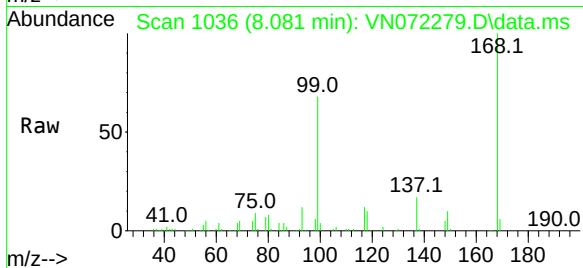
Tgt Ion: 75 Resp: 15386

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.813 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

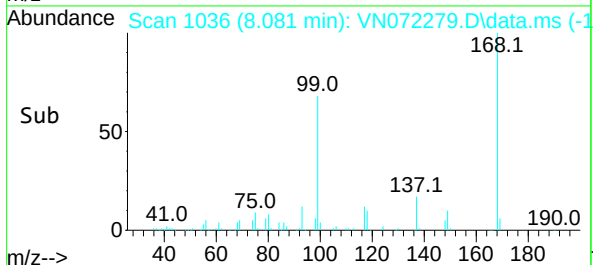
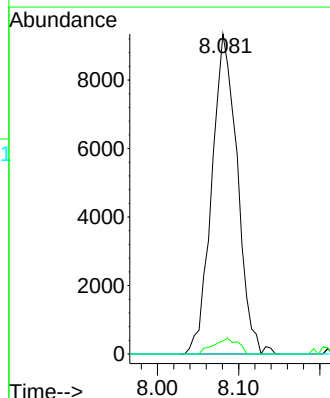
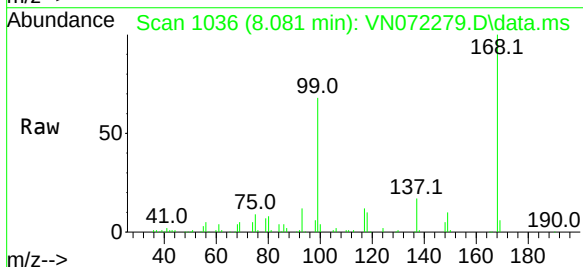
Tgt Ion: 117 Resp: 20414

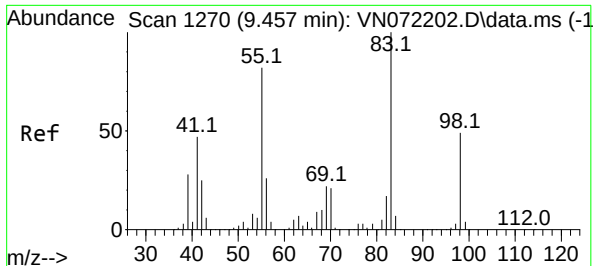
Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.8#

121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.426 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

Instrument :

MSVOA\_N

ClientSampleId :

MW-14DRE

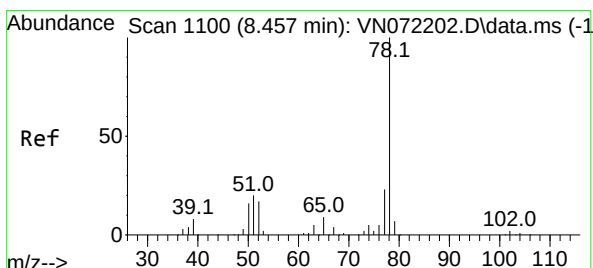
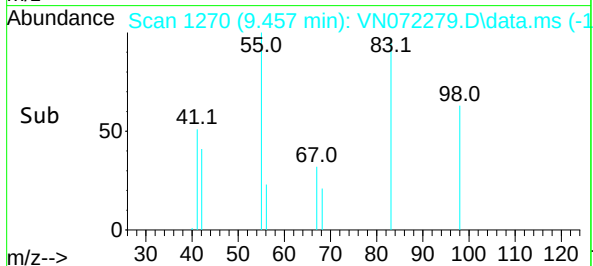
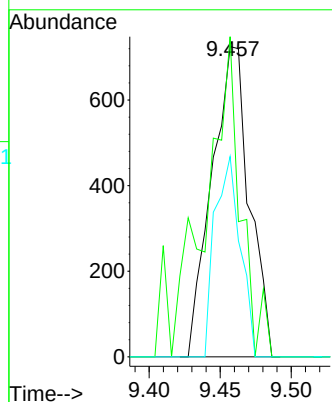
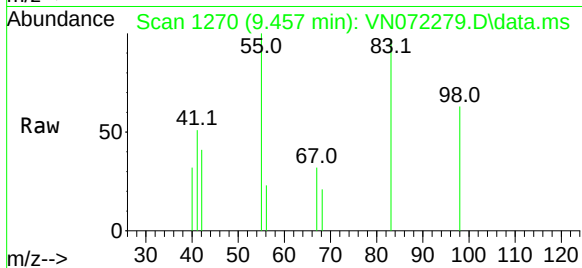
Tgt Ion: 83 Resp: 1332

Ion Ratio Lower Upper

83 100

55 103.2 57.8 86.8#

98 64.6 39.4 59.2#



#40

Benzene

Concen: 10.735 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072279.D

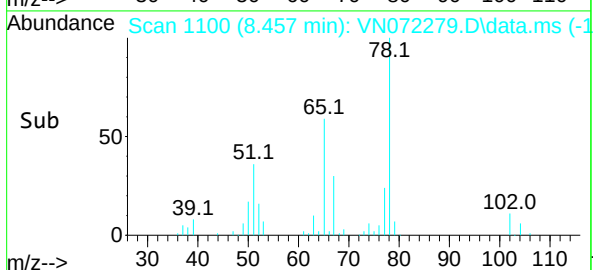
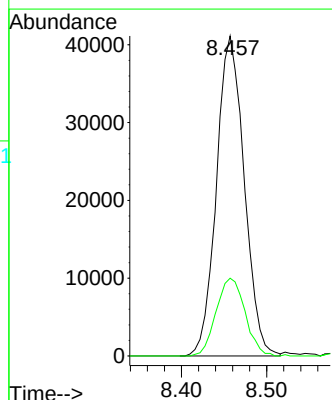
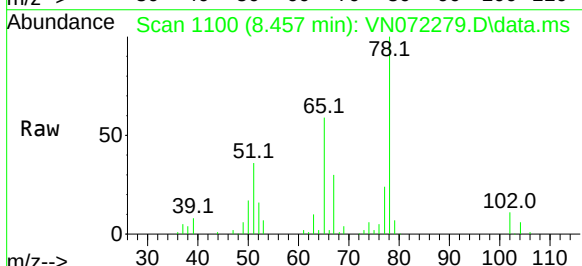
Acq: 29 Apr 2022 18:58

Tgt Ion: 78 Resp: 93153

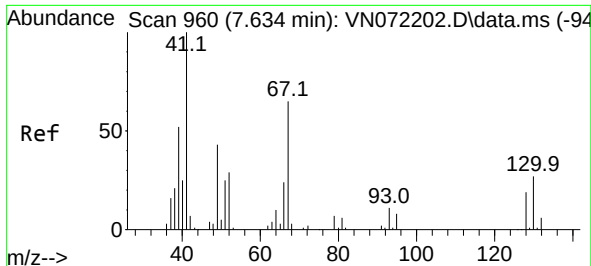
Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0



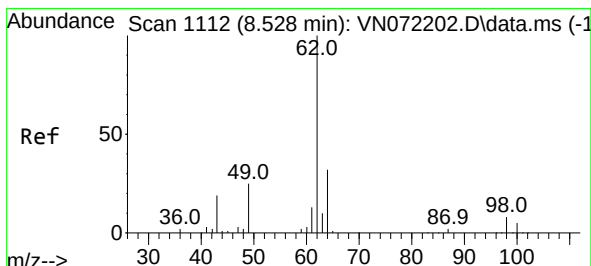
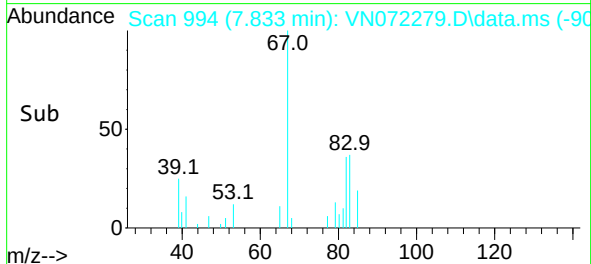
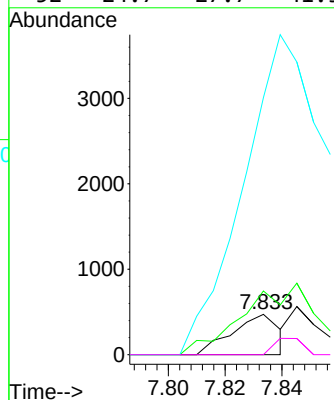
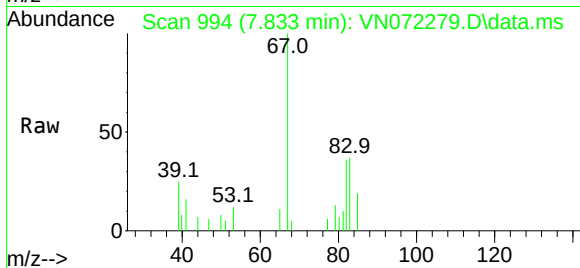




#41  
Methacrylonitrile  
Concen: 0.289 ug/l  
RT: 7.833 min Scan# 994  
Delta R.T. 0.199 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

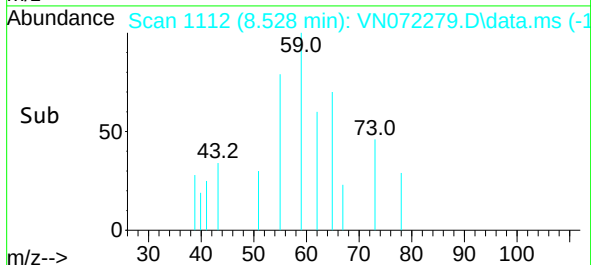
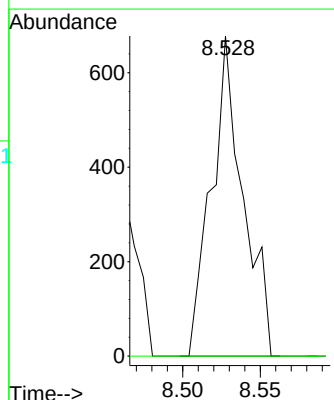
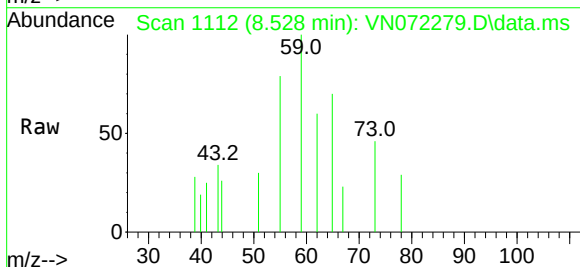
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

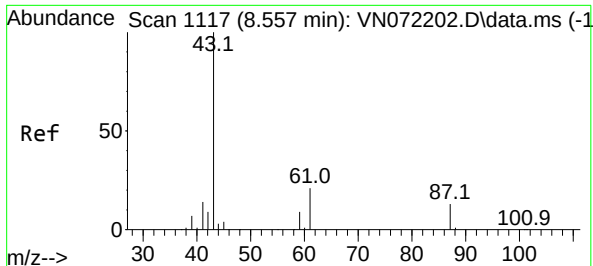
Tgt Ion: 41 Resp: 543  
Ion Ratio Lower Upper  
41 100  
39 283.6 48.6 73.0#  
67 1504.2 73.4 110.2#  
52 24.7 27.7 41.5#



#42  
1,2-Dichloroethane  
Concen: 0.290 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion: 62 Resp: 963  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 19.4

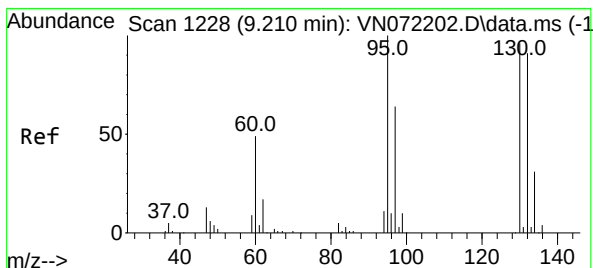
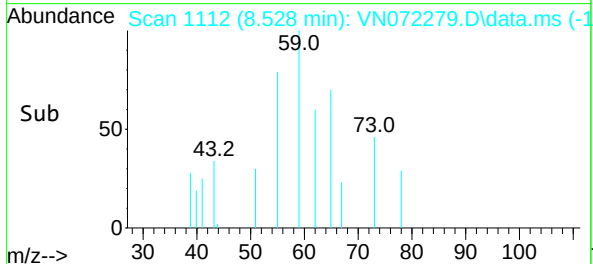
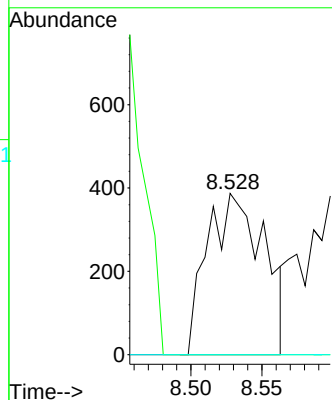
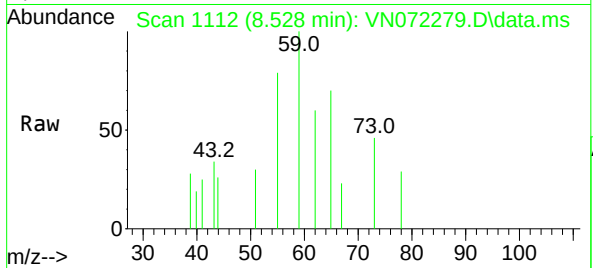




#43  
Isopropyl Acetate  
Concen: 0.984 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.029 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

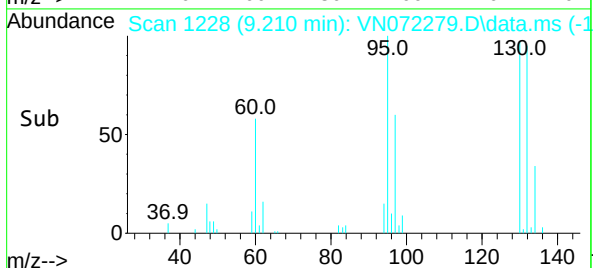
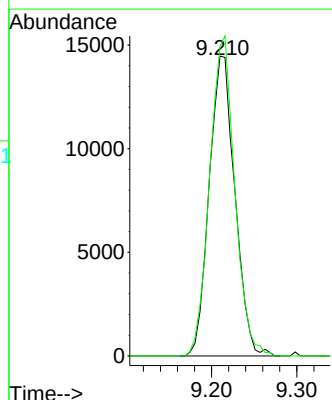
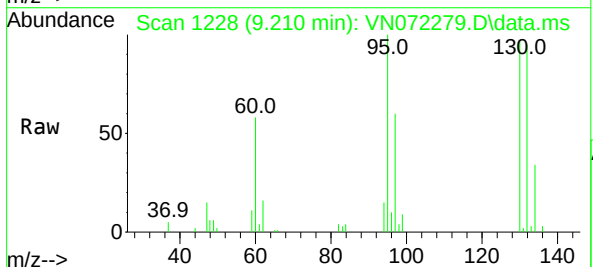
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

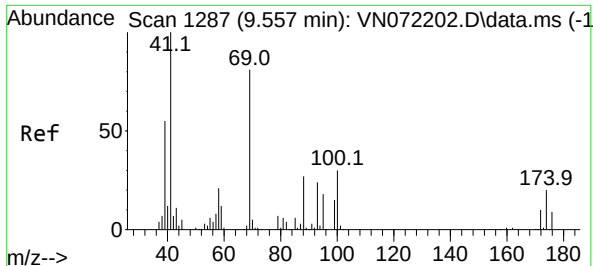
Tgt Ion: 43 Resp: 1083  
Ion Ratio Lower Upper  
43 100  
61 0.0 21.9 32.9#  
87 0.0 12.0 18.0#



#44  
Trichloroethene  
Concen: 14.996 ug/l  
RT: 9.210 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion:130 Resp: 30269  
Ion Ratio Lower Upper  
130 100  
95 103.3 0.0 186.8





#48

Methyl methacrylate

Concen: 0.276 ug/l

RT: 9.457 min Scan# 11

Delta R.T. -0.100 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

Instrument :

MSVOA\_N

ClientSampleId :

MW-14DRE

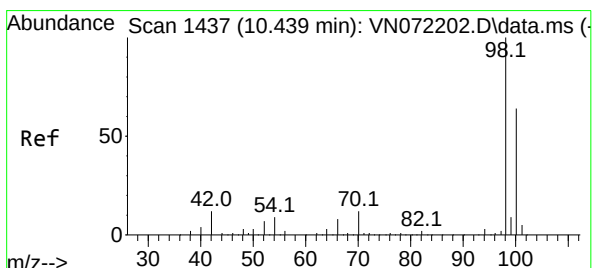
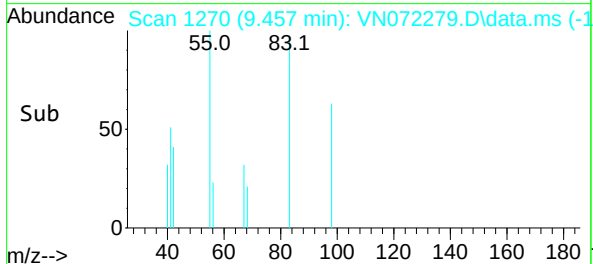
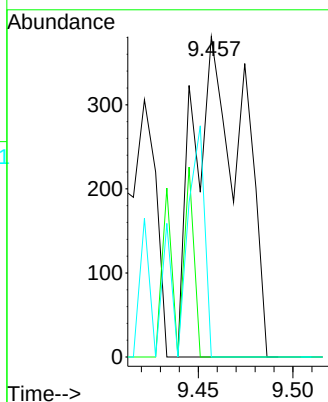
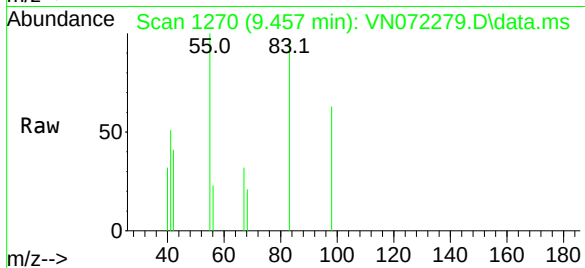
Tgt Ion: 41 Resp: 678

Ion Ratio Lower Upper

41 100

69 22.3 74.7 112.1#

39 32.2 45.6 68.4#



#50

Toluene-d8

Concen: 54.435 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072279.D

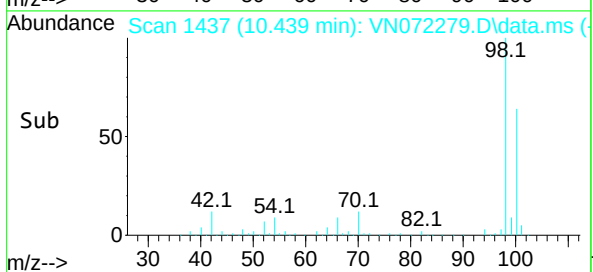
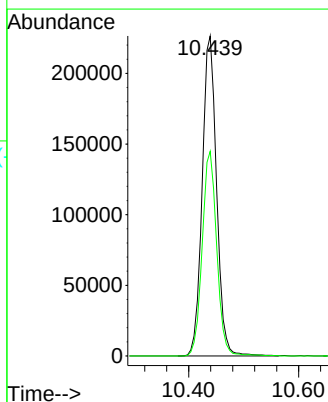
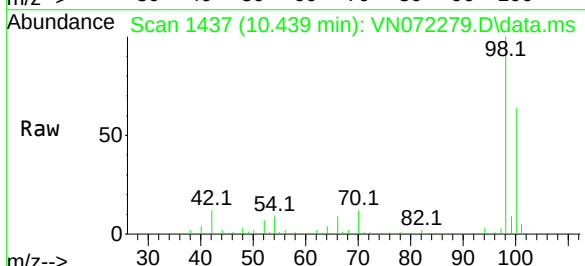
Acq: 29 Apr 2022 18:58

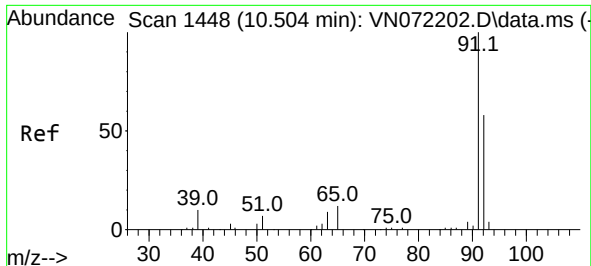
Tgt Ion: 98 Resp: 411095

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8

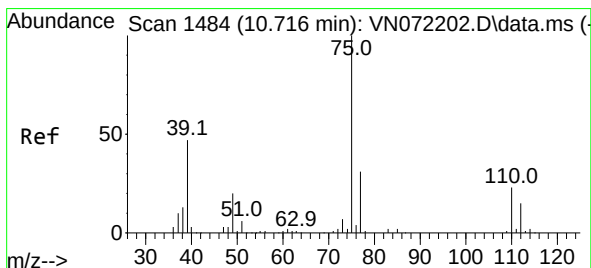
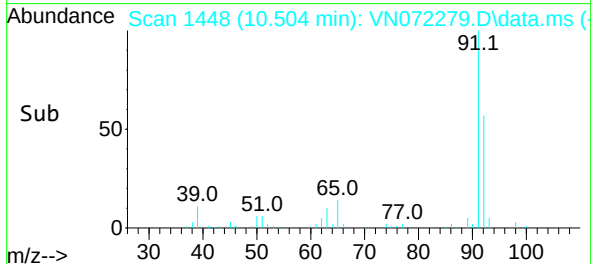
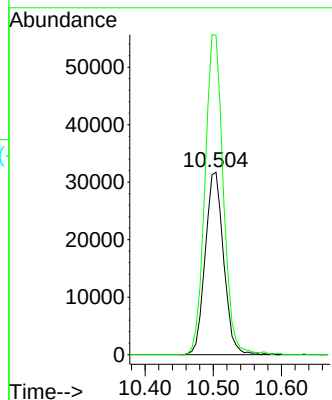
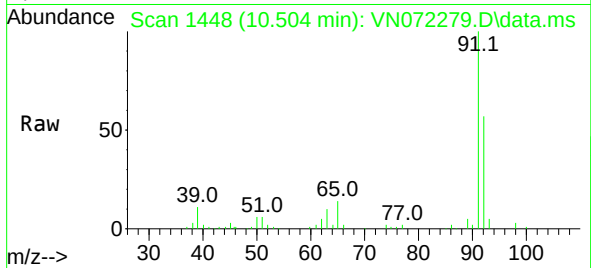




#52  
Toluene  
Concen: 11.477 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

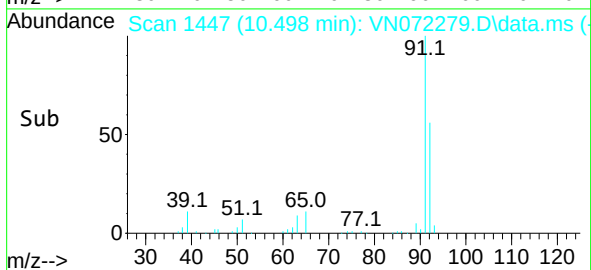
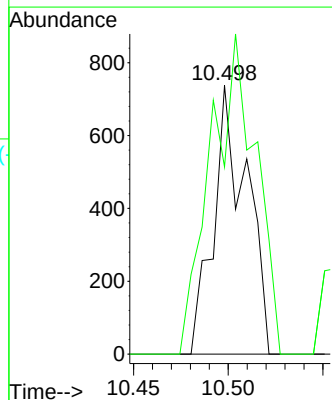
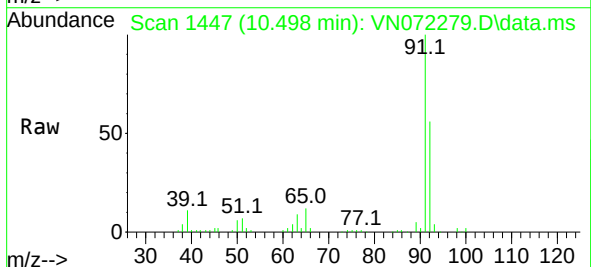
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

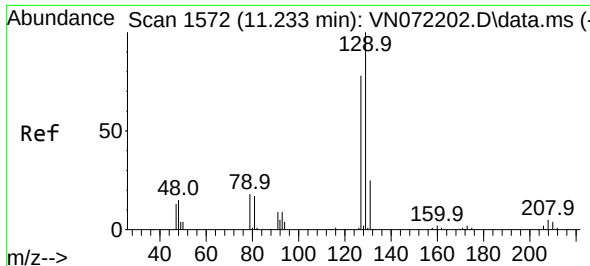
Tgt Ion: 92 Resp: 59537  
Ion Ratio Lower Upper  
92 100  
91 174.9 138.6 207.8



#53  
t-1,3-Dichloropropene  
Concen: 0.291 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. -0.218 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion: 75 Resp: 901  
Ion Ratio Lower Upper  
75 100  
77 69.6 25.6 38.4#

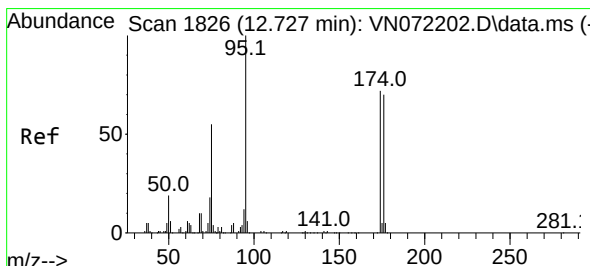
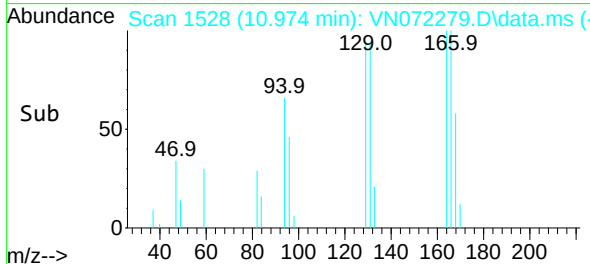
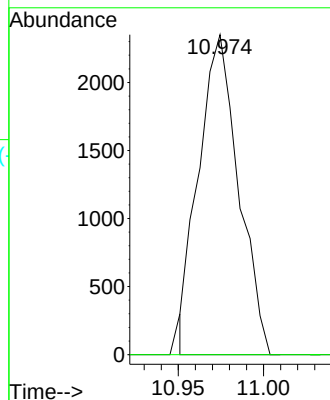
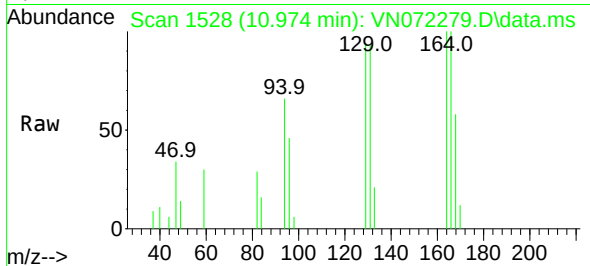




#60  
Dibromochloromethane  
Concen: 1.718 ug/l  
RT: 10.974 min Scan# 11  
Delta R.T. -0.259 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

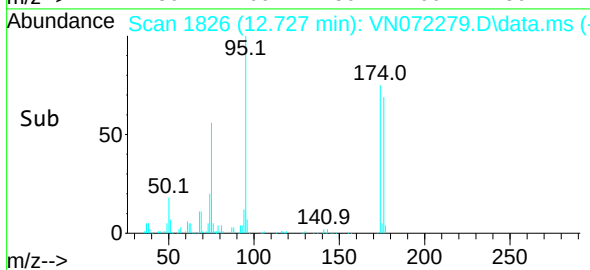
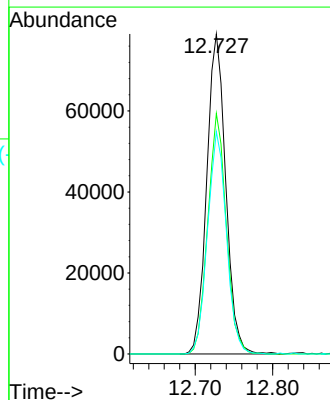
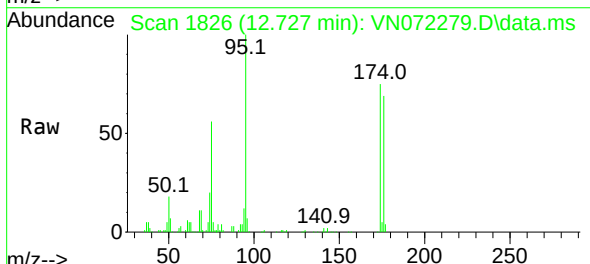
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

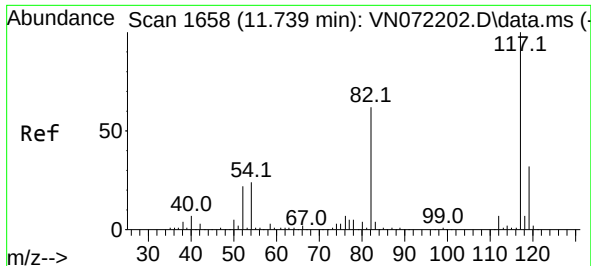
Tgt Ion:129 Resp: 3820  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.8 116.4#



#62  
4-Bromofluorobenzene  
Concen: 53.563 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion: 95 Resp: 134263  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 167.6  
176 69.1 0.0 163.4

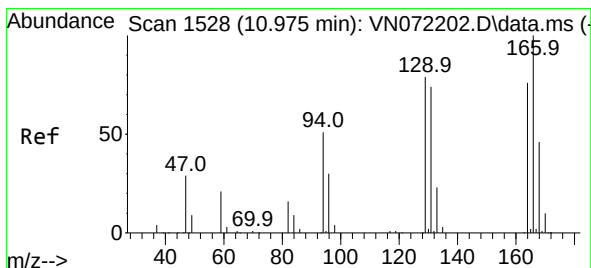
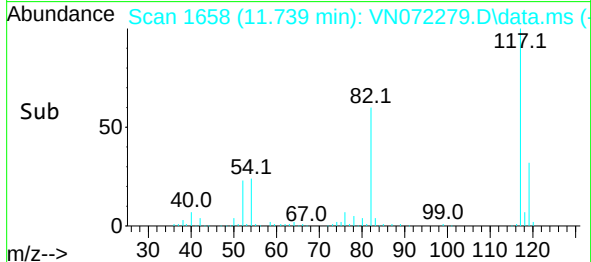
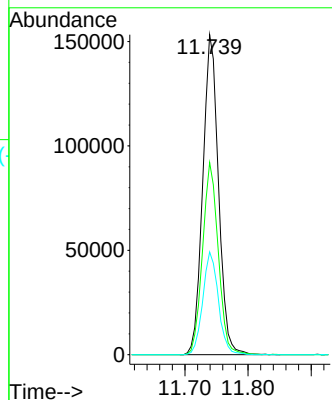
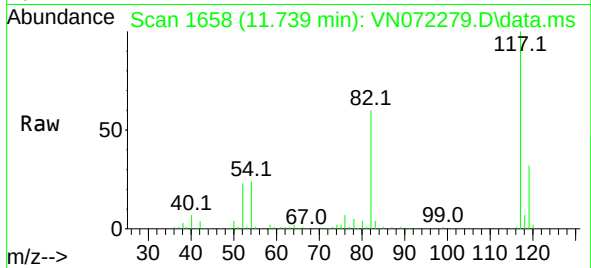




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

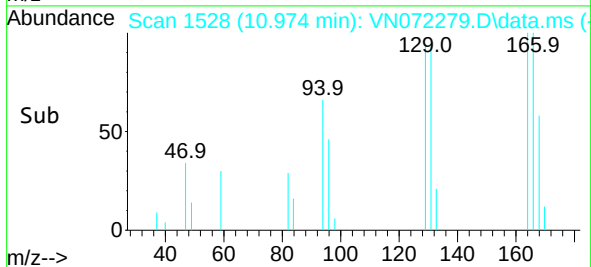
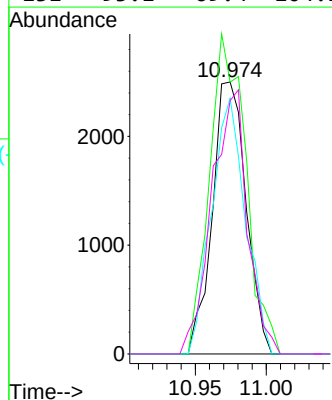
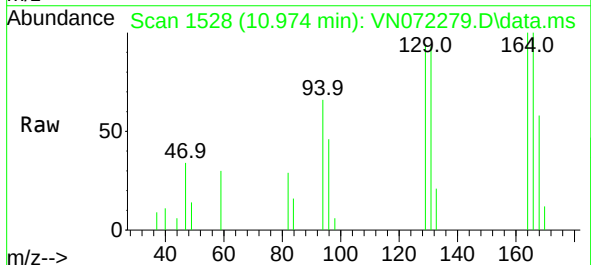
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

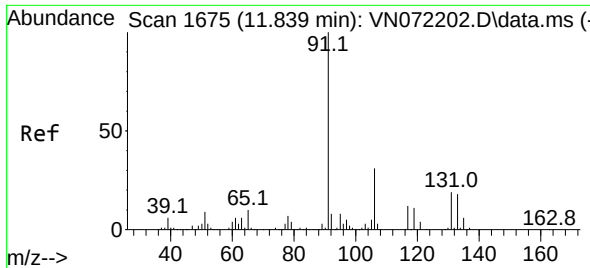
Tgt Ion:117 Resp: 264471  
Ion Ratio Lower Upper  
117 100  
82 60.0 44.2 66.2  
119 32.1 25.4 38.0



#64  
Tetrachloroethene  
Concen: 2.598 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. -0.001 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion:164 Resp: 4136  
Ion Ratio Lower Upper  
164 100  
166 99.9 104.2 156.2#  
129 94.0 73.9 110.9  
131 93.1 69.4 104.2

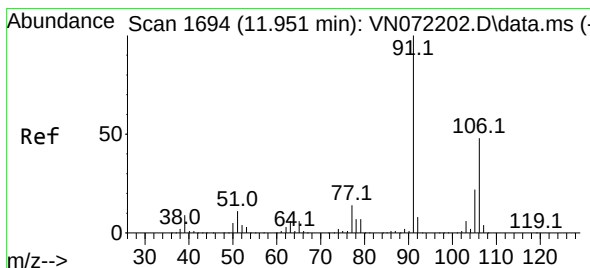
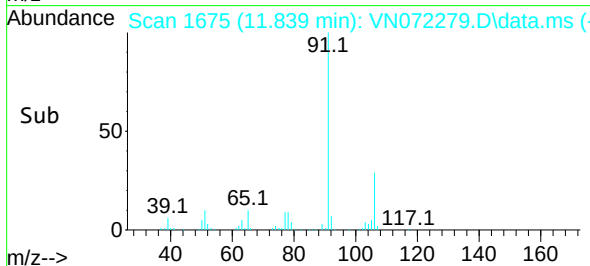
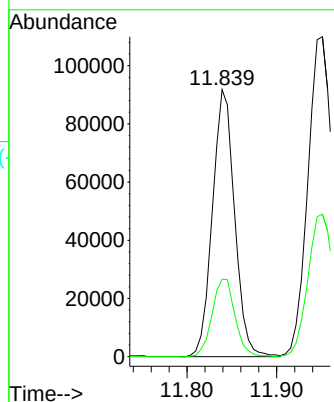
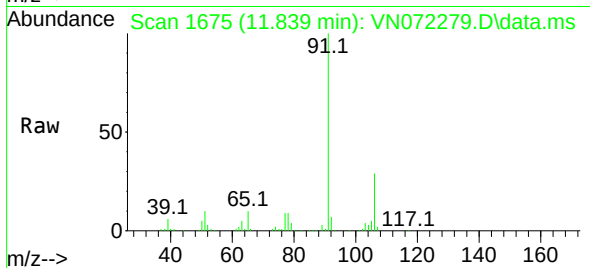




#67  
Ethyl Benzene  
Concen: 16.882 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

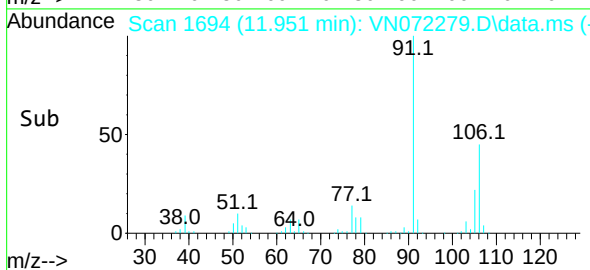
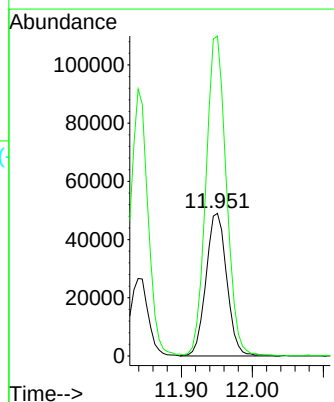
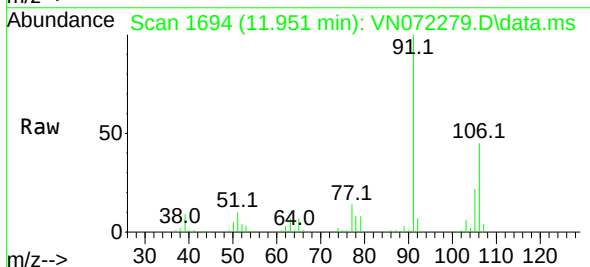
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

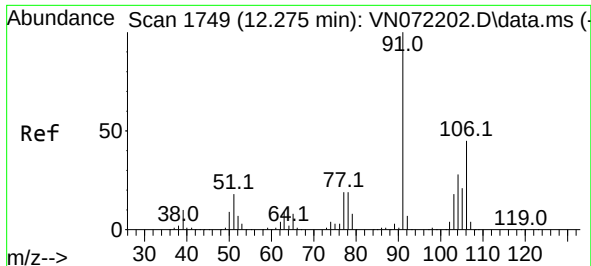
Tgt Ion: 91 Resp: 157327  
Ion Ratio Lower Upper  
91 100  
106 29.0 24.9 37.3



#68  
m/p-Xylenes  
Concen: 28.787 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion: 106 Resp: 99618  
Ion Ratio Lower Upper  
106 100  
91 220.8 158.9 238.3

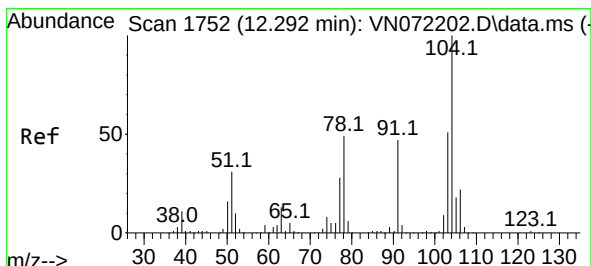
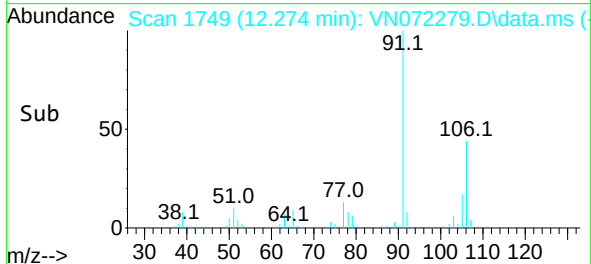
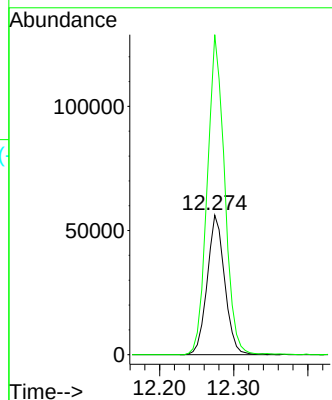
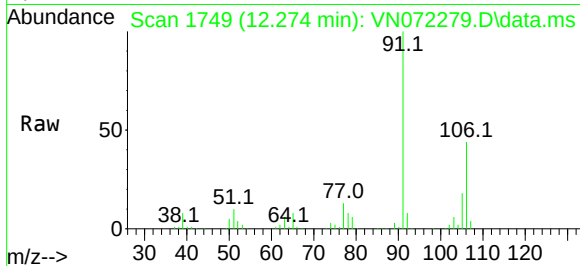




#69  
o-Xylene  
Concen: 27.451 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.001 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

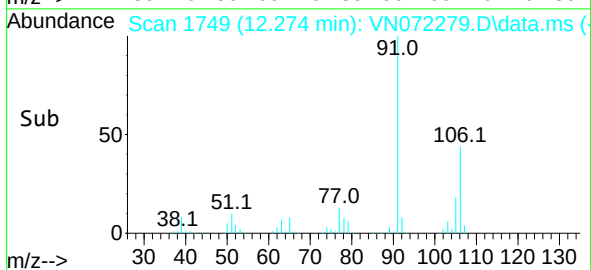
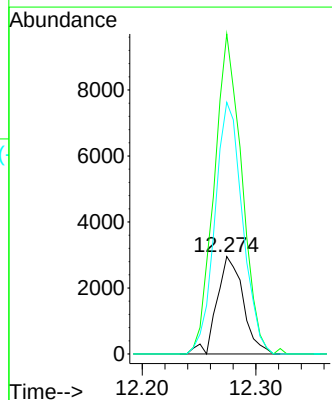
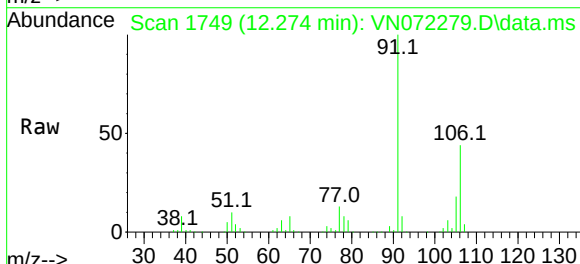
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

Tgt Ion:106 Resp: 92092  
Ion Ratio Lower Upper  
106 100  
91 227.5 106.0 318.0

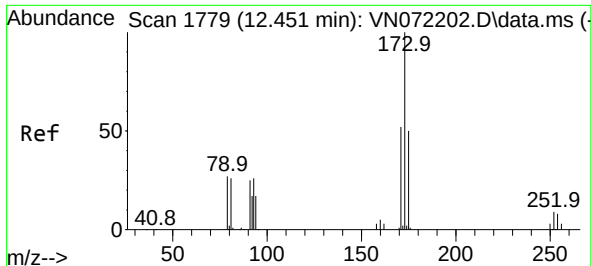


#70  
Styrene  
Concen: 0.894 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.018 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion:104 Resp: 4724  
Ion Ratio Lower Upper  
104 100  
78 346.4 39.5 59.3#  
103 274.1 44.0 66.0#



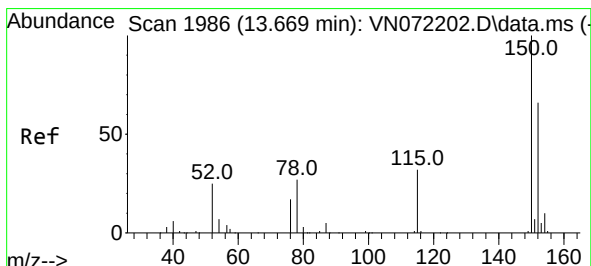
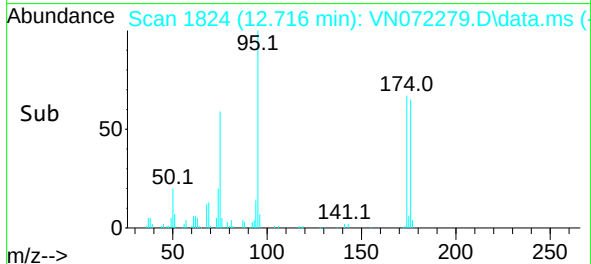
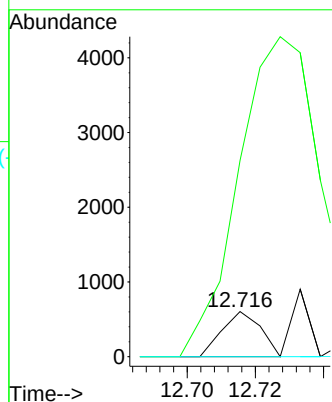
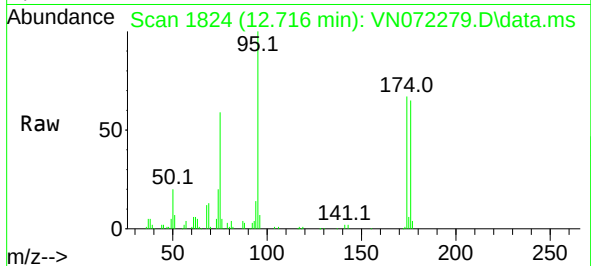




#71  
Bromoform  
Concen: 0.317 ug/l  
RT: 12.716 min Scan# 1824  
Delta R.T. 0.264 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

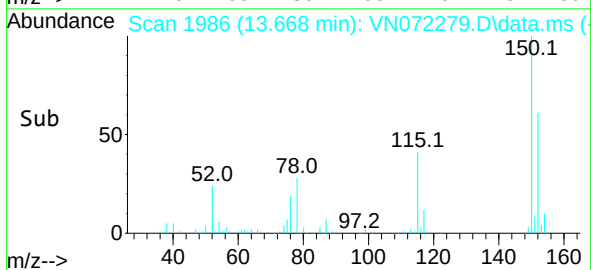
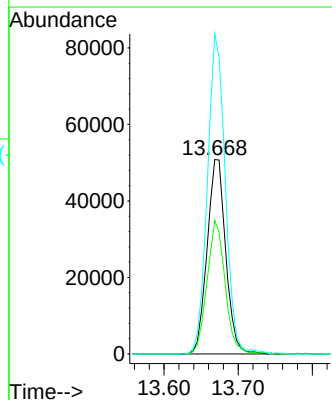
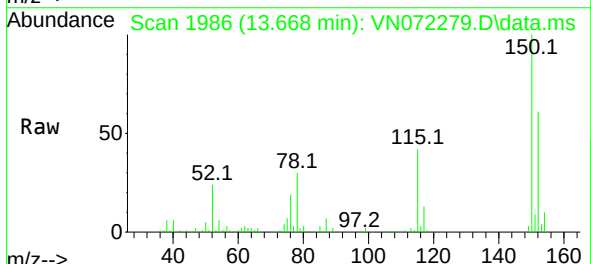
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

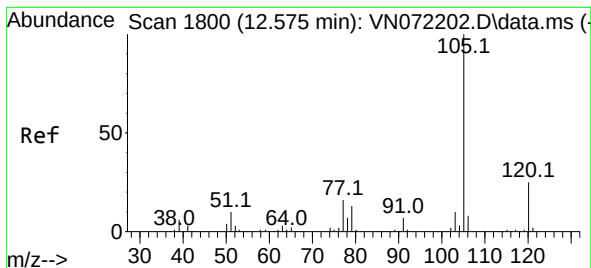
Tgt Ion:173 Resp: 474  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.6 73.6#  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion:152 Resp: 88840  
Ion Ratio Lower Upper  
152 100  
115 66.5 28.9 86.7  
150 157.6 0.0 356.2





#73

Isopropylbenzene

Concen: 0.637 ug/l

RT: 12.574 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

Instrument :

MSVOA\_N

ClientSampleId :

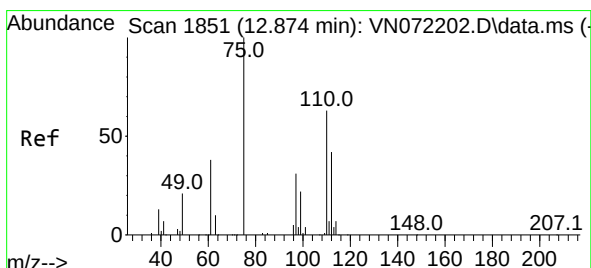
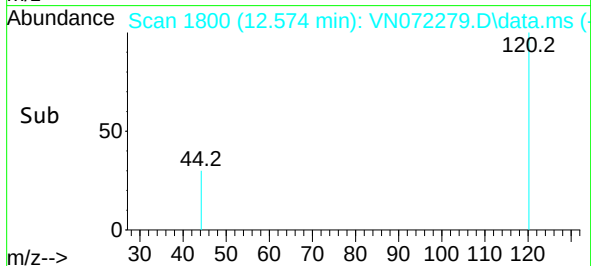
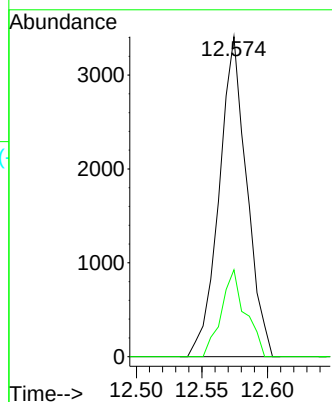
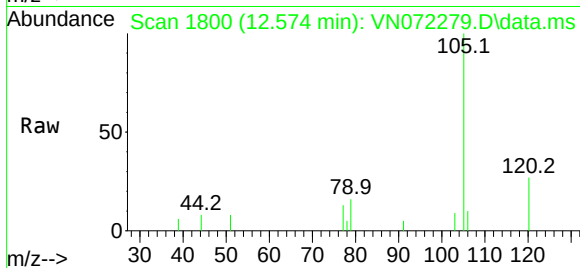
MW-14DRE

Tgt Ion:105 Resp: 4995

Ion Ratio Lower Upper

105 100

120 23.6 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 38.739 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN072279.D

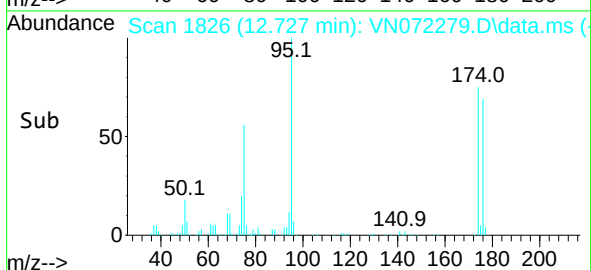
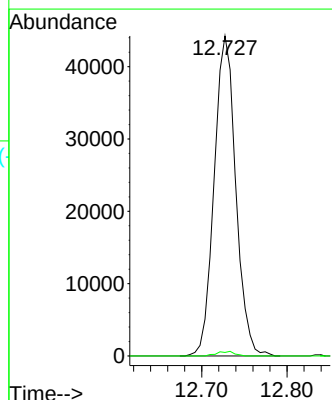
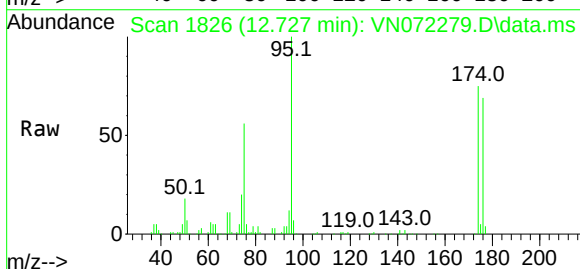
Acq: 29 Apr 2022 18:58

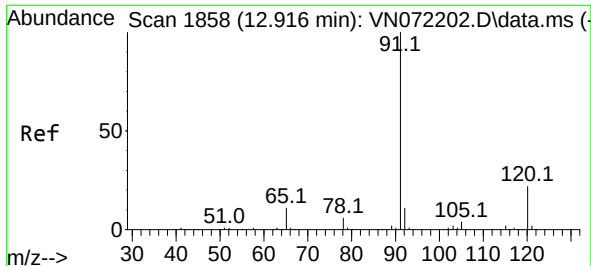
Tgt Ion: 75 Resp: 78061

Ion Ratio Lower Upper

75 100

77 1.2 98.5 295.5#





#78

n-propylbenzene

Concen: 0.943 ug/l

RT: 12.916 min Scan# 1858

Delta R.T. -0.001 min

Lab File: VN072279.D

Acq: 29 Apr 2022 18:58

Instrument :

MSVOA\_N

ClientSampleId :

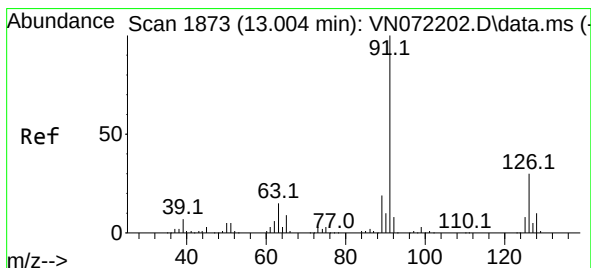
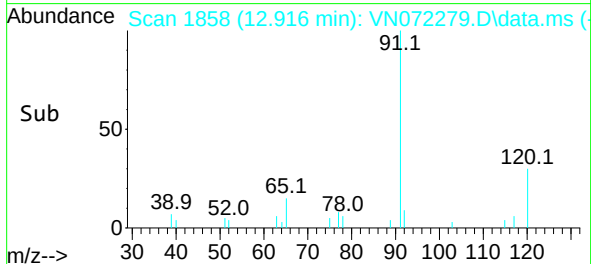
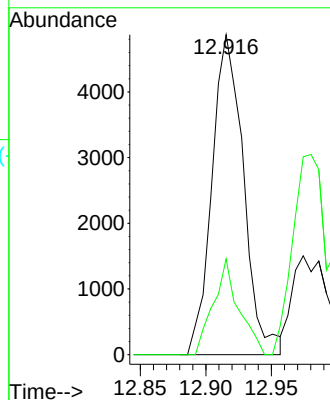
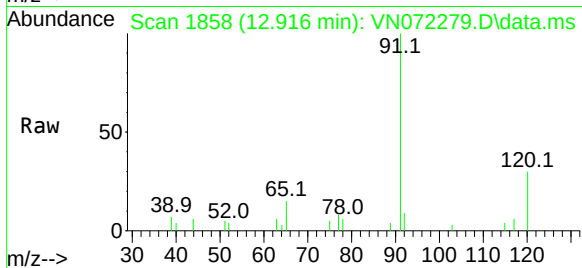
MW-14DRE

Tgt Ion: 91 Resp: 8151

Ion Ratio Lower Upper

91 100

120 24.2 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.354 ug/l

RT: 12.974 min Scan# 1868

Delta R.T. -0.030 min

Lab File: VN072279.D

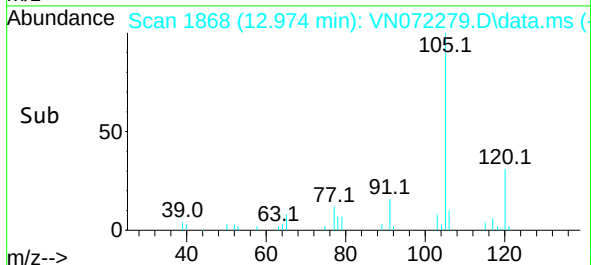
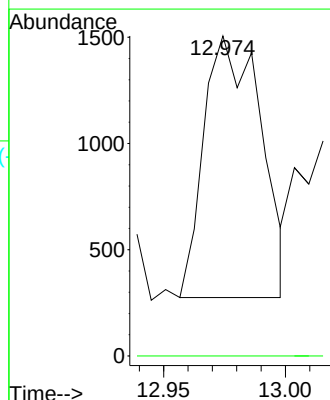
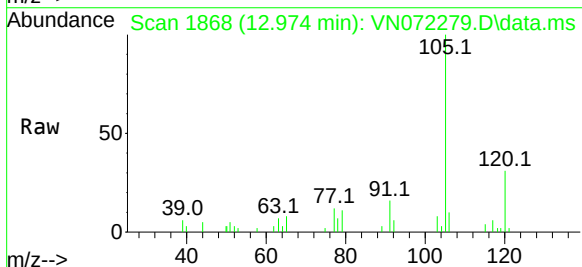
Acq: 29 Apr 2022 18:58

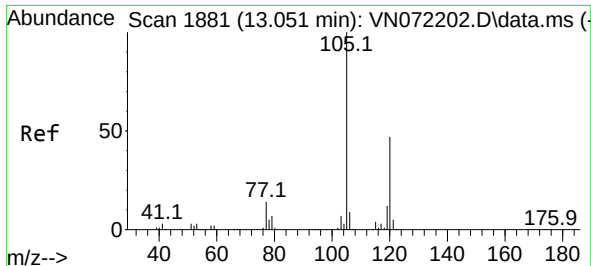
Tgt Ion: 91 Resp: 2008

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#

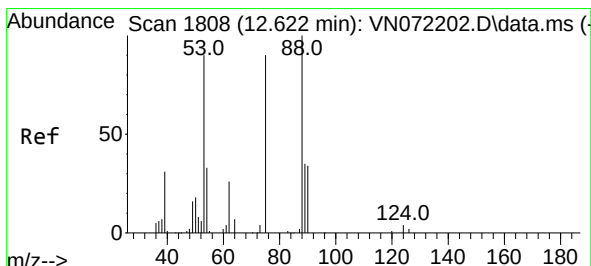
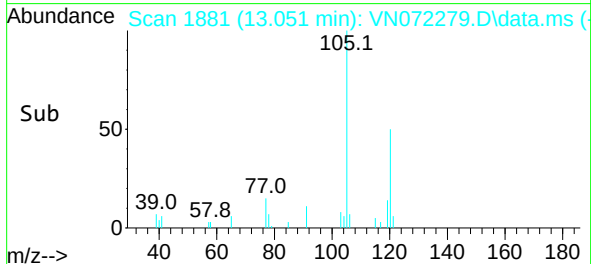
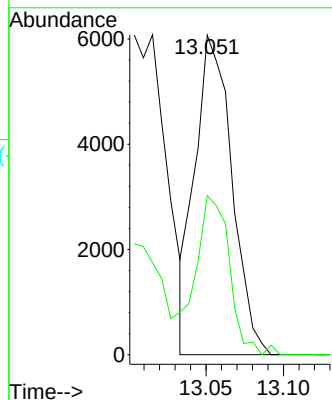
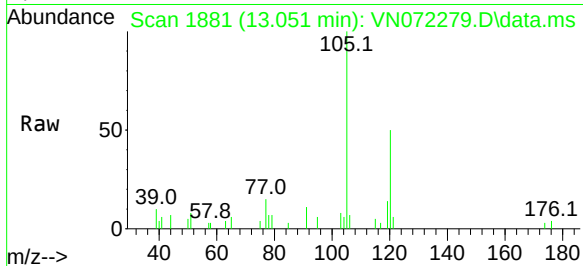




#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.534 ug/l  
 RT: 13.051 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VN072279.D  
 Acq: 29 Apr 2022 18:58

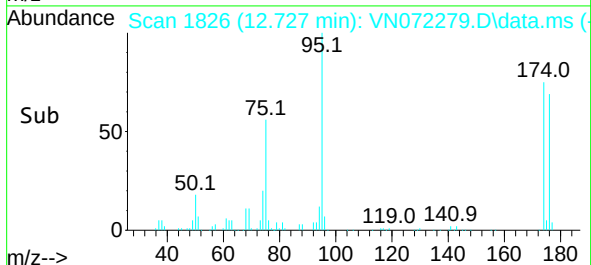
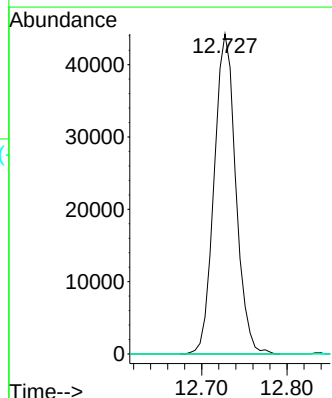
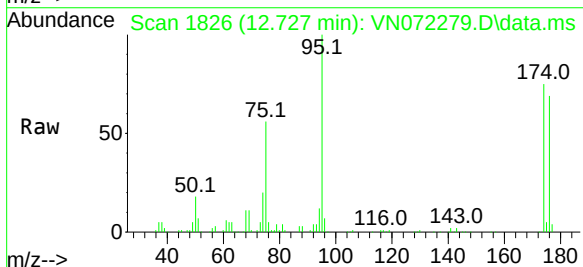
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-14DRE

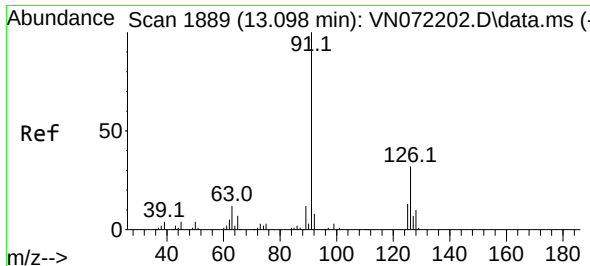
Tgt Ion:105 Resp: 10025  
 Ion Ratio Lower Upper  
 105 100  
 120 44.4 24.9 74.7



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 101.597 ug/l  
 RT: 12.727 min Scan# 1826  
 Delta R.T. 0.105 min  
 Lab File: VN072279.D  
 Acq: 29 Apr 2022 18:58

Tgt Ion: 75 Resp: 78061  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 78.0 117.0#  
 89 0.0 37.2 55.8#

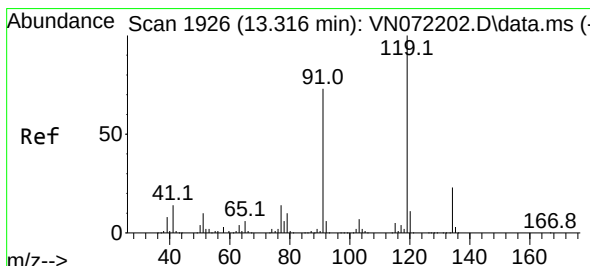
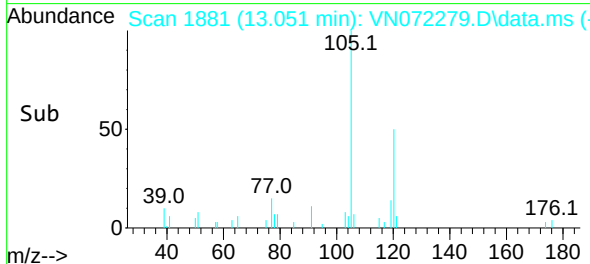
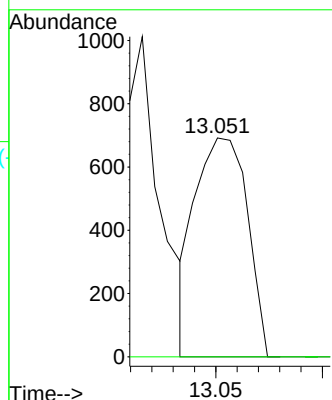
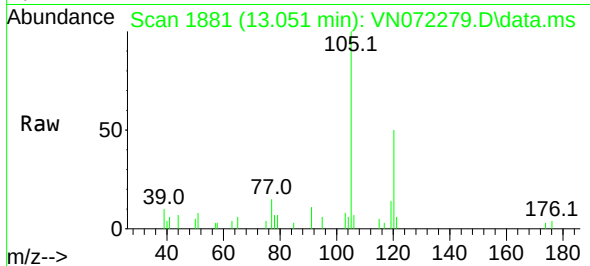




#82  
4-Chlorotoluene  
Concen: 0.222 ug/l  
RT: 13.051 min Scan# 11  
Delta R.T. -0.047 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

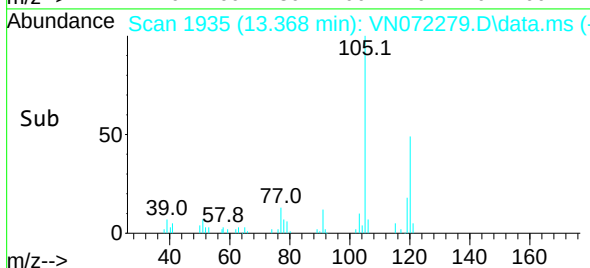
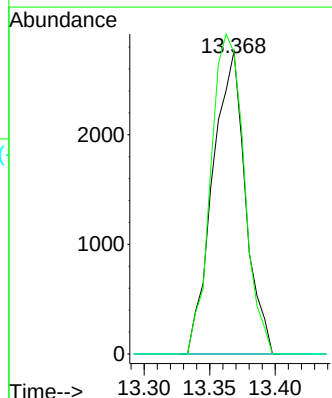
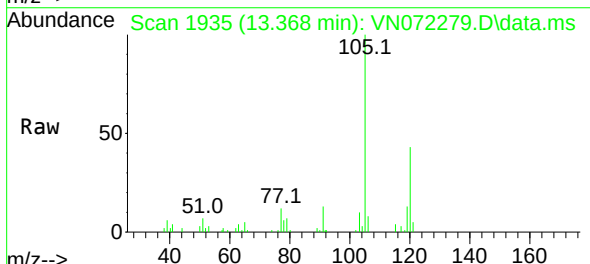
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

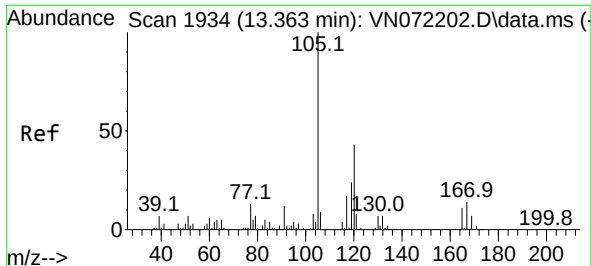
Tgt Ion: 91 Resp: 1174  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.2 51.6#



#83  
tert-Butylbenzene  
Concen: 0.835 ug/l  
RT: 13.368 min Scan# 1935  
Delta R.T. 0.052 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Tgt Ion: 119 Resp: 4788  
Ion Ratio Lower Upper  
119 100  
91 107.8 31.6 94.8#  
134 0.0 13.7 41.1#

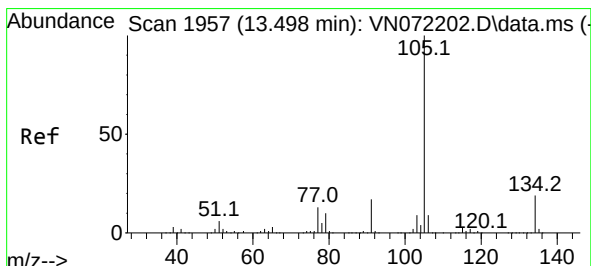
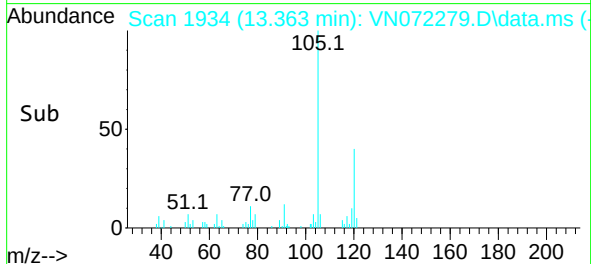
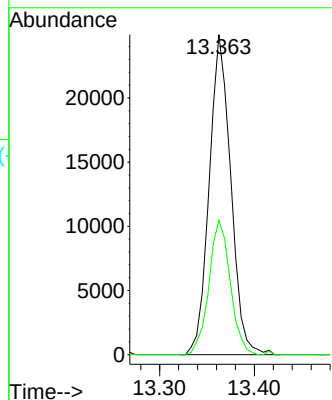
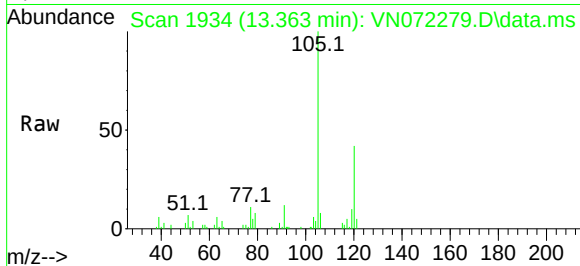




#84  
1,2,4-Trimethylbenzene  
Concen: 6.229 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

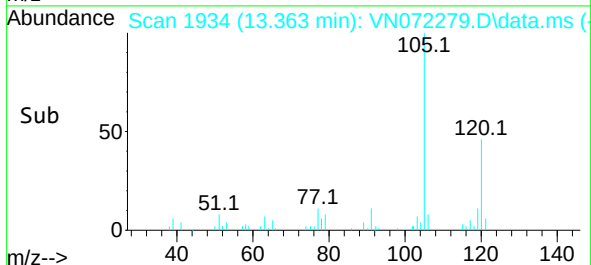
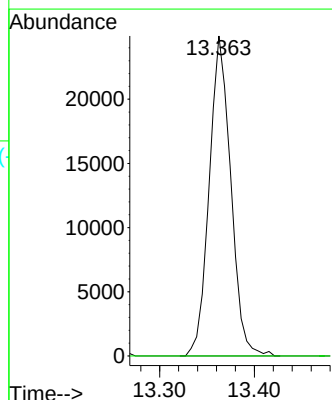
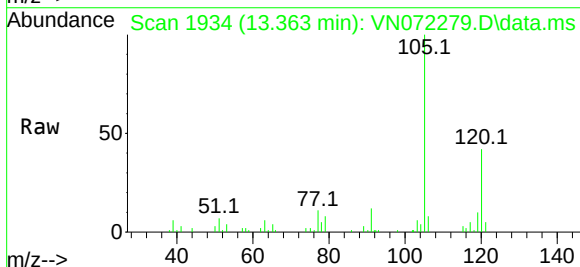
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

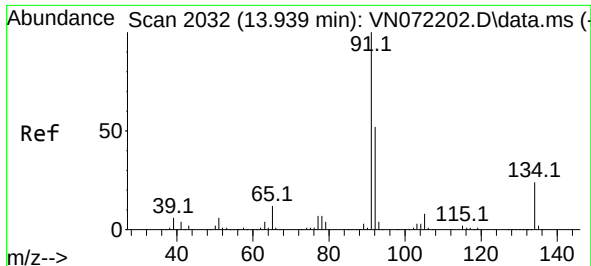
Tgt Ion:105 Resp: 39385  
Ion Ratio Lower Upper  
105 100  
120 41.6 23.3 69.8



#85  
sec-Butylbenzene  
Concen: 5.265 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.135 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

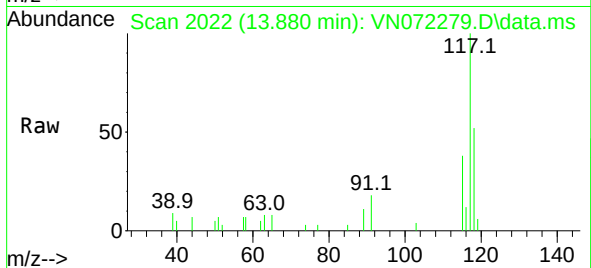
Tgt Ion:105 Resp: 39385  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.4 31.1#



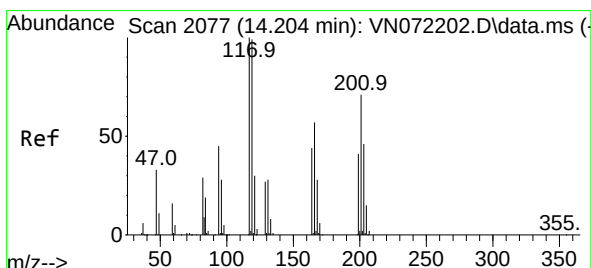
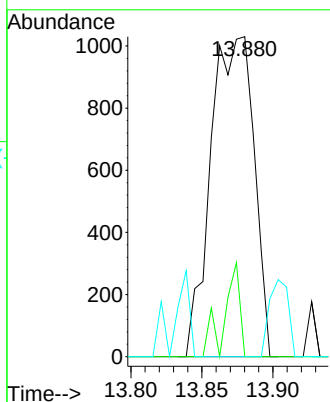
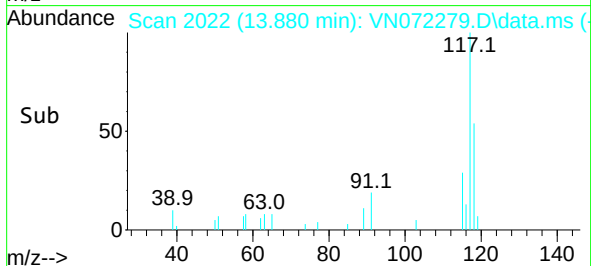


#89  
n-Butylbenzene  
Concen: 0.489 ug/l  
RT: 13.880 min Scan# 2088  
Delta R.T. -0.059 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE

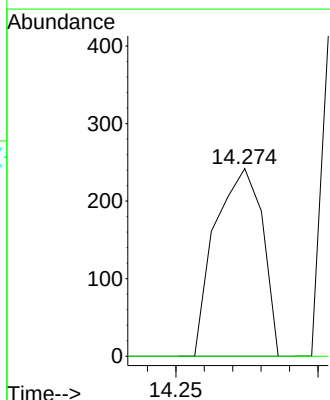
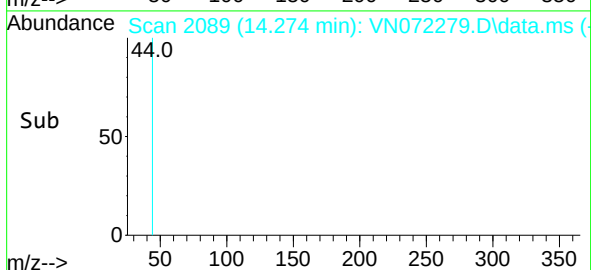
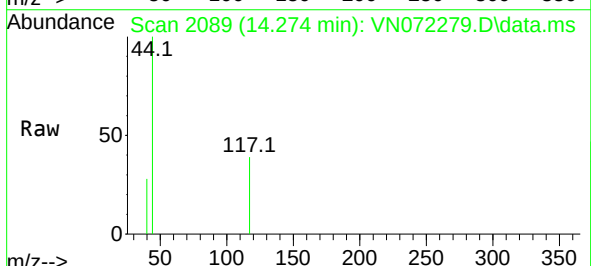


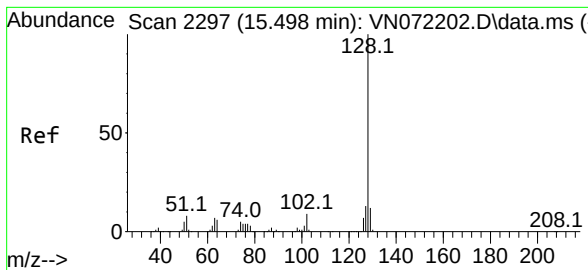
Tgt Ion: 91 Resp: 2182  
Ion Ratio Lower Upper  
91 100  
92 10.5 26.9 80.7#  
134 0.0 13.6 40.8#



#90  
Hexachloroethane  
Concen: 0.222 ug/l  
RT: 14.274 min Scan# 2089  
Delta R.T. 0.070 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

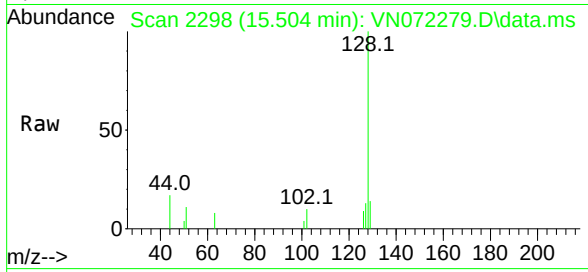
Tgt Ion: 117 Resp: 281  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#





#95  
Naphthalene  
Concen: 5.861 ug/l  
RT: 15.504 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN072279.D  
Acq: 29 Apr 2022 18:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-14DRE



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 7863  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 11.9  | 10.3  | 15.5  |
| 129      | 10.7  | 8.6   | 13.0  |

