

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040222\  
 Data File : VN071803.D  
 Acq On : 02 Apr 2022 17:21  
 Operator : JC\MD  
 Sample : N2061-02  
 Misc : 5.30g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW-1-20220321-19.0-20.0ME

Quant Time: Apr 04 01:08:08 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      | 8.075  | 168  | 550716   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 946126   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 957102   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.669 | 152  | 418925   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.428  | 65    | 317233   | 50.458   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 100.920% |      |
| 35) Dibromofluoromethane    | 8.016  | 113   | 257677   | 46.283   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 92.560%  |      |
| 50) Toluene-d8              | 10.439 | 98    | 1205560  | 52.934   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 105.860% |      |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 438835   | 59.578   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 119.160% |      |

|                               |        |     |        |           |        |     |
|-------------------------------|--------|-----|--------|-----------|--------|-----|
| Target Compounds              |        |     |        | Qvalue    |        |     |
| 3) Chloromethane              | 2.299  | 50  | 3163   | 0.570     | ug/l # | 77  |
| 6) Chloroethane               | 2.975  | 64  | 915    | 0.209     | ug/l # | 78  |
| 10) Methyl Iodide             | 4.393  | 142 | 2389   | 0.358     | ug/l # | 81  |
| 13) Acrolein                  | 4.040  | 56  | 980    | 0.788     | ug/l   | 91  |
| 15) Acrylonitrile             | 5.557  | 53  | 1202   | 0.405     | ug/l # | 57  |
| 16) Acetone                   | 4.304  | 43  | 5431   | 2.021     | ug/l   | 94  |
| 17) Carbon Disulfide          | 4.487  | 76  | 4823   | 0.462     | ug/l # | 92  |
| 18) Methyl Acetate            | 4.851  | 43  | 22277  | 1.892     | ug/l   | 98  |
| 20) Methylene Chloride        | 5.081  | 84  | 2386   | 0.421     | ug/l # | 73  |
| 25) 2-Butanone                | 7.345  | 43  | 5892   | 1.521     | ug/l # | 86  |
| 29) Tetrahydrofuran           | 7.692  | 42  | 1048   | 0.418     | ug/l # | 35  |
| 31) Cyclohexane               | 8.075  | 56  | 10106  | 1.182     | ug/l # | 1   |
| 36) 1,1-Dichloropropene       | 8.075  | 75  | 36877  | 4.743     | ug/l # | 49  |
| 37) Ethyl Acetate             | 7.345  | 43  | 5892   | 0.692     | ug/l # | 74  |
| 38) Carbon Tetrachloride      | 8.075  | 117 | 49700  | 6.523     | ug/l # | 17  |
| 40) Benzene                   | 8.451  | 78  | 477582 | 19.446    | ug/l   | 100 |
| 49) 1,4-Dioxane               | 9.575  | 88  | 279    | Below Cal | #      | 43  |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43  | 3657   | 0.449     | ug/l   | 93  |
| 52) Toluene                   | 10.498 | 92  | 14595  | 0.940     | ug/l   | 95  |
| 59) 2-Hexanone                | 11.086 | 43  | 8232   | 1.437     | ug/l   | 91  |
| 65) Chlorobenzene             | 11.769 | 112 | 8787   | 0.458     | ug/l # | 78  |
| 67) Ethyl Benzene             | 11.839 | 91  | 296268 | 9.132     | ug/l   | 99  |
| 68) m/p-Xylenes               | 11.945 | 106 | 35088  | 2.815     | ug/l   | 99  |
| 69) o-Xylene                  | 12.275 | 106 | 45795  | 3.701     | ug/l   | 99  |
| 70) Styrene                   | 12.286 | 104 | 4856   | 0.259     | ug/l # | 1   |
| 73) Isopropylbenzene          | 12.575 | 105 | 23056  | 0.653     | ug/l   | 100 |
| 74) N-amyl acetate            | 12.380 | 43  | 5864   | 0.580     | ug/l   | 94  |
| 76) 1,2,3-Trichloropropane    | 12.727 | 75  | 211208 | 21.763    | ug/l # | 1   |
| 78) n-propylbenzene           | 12.916 | 91  | 19033  | 0.513     | ug/l   | 96  |
| 79) 2-Chlorotoluene           | 13.104 | 91  | 4973   | 0.209     | ug/l   | 95  |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105 | 30896  | 1.105     | ug/l   | 96  |
| 81) trans-1,4-Dichloro-2-b... | 12.727 | 75  | 211208 | 67.444    | ug/l # | 10  |
| 82) 4-Chlorotoluene           | 13.104 | 91  | 4973   | 0.225     | ug/l   | 95  |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105 | 95677  | 3.506     | ug/l   | 100 |
| 86) p-Isopropyltoluene        | 13.610 | 119 | 15038  | 0.569     | ug/l   | 98  |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146 | 7808   | 0.554     | ug/l   | 89  |

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Quant Time: Apr 04 01:08:08 2022  
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 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

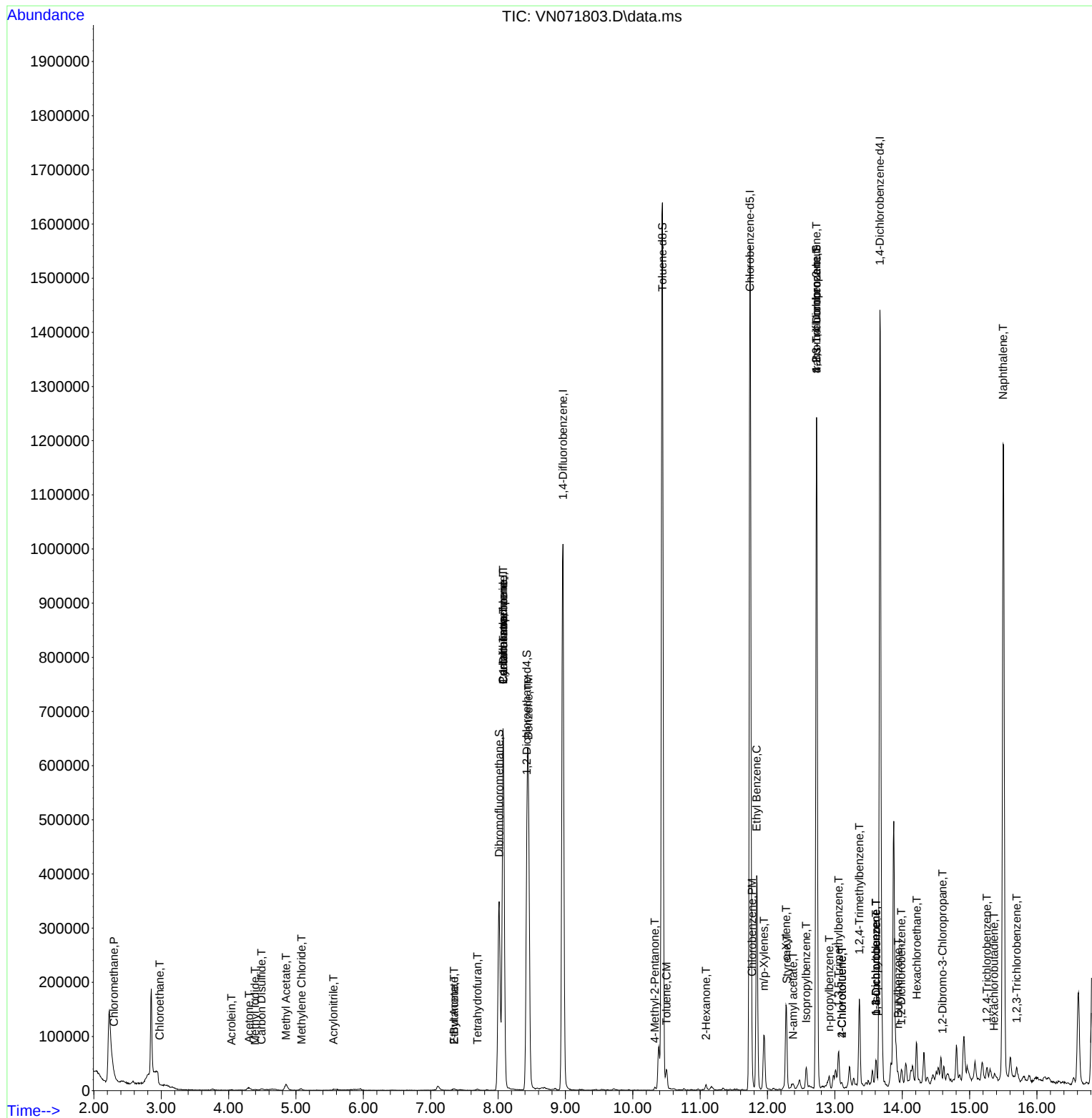
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 88) 1,4-Dichlorobenzene       | 13.610 | 146  | 7808     | 0.568  | ug/l   | 88       |
| 89) n-Butylbenzene            | 13.939 | 91   | 11621    | 0.593  | ug/l # | 76       |
| 90) Hexachloroethane          | 14.216 | 117  | 5428     | 1.122  | ug/l # | 9        |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 4126     | 0.298  | ug/l # | 60       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 899      | 0.492  | ug/l   | 64       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 7498     | 3.163  | ug/l # | 83       |
| 94) Hexachlorobutadiene       | 15.363 | 225  | 947      | 0.232  | ug/l   | 98       |
| 95) Naphthalene               | 15.498 | 128  | 1144698  | 59.244 | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 9525     | 3.818  | ug/l # | 91       |
| -----                         |        |      |          |        |        |          |

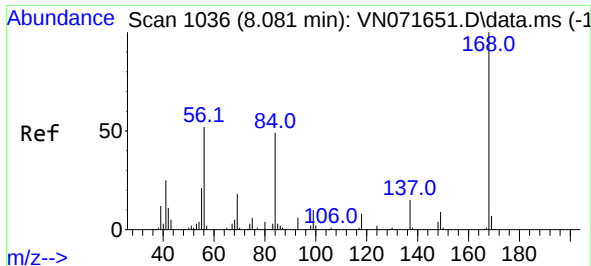
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Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
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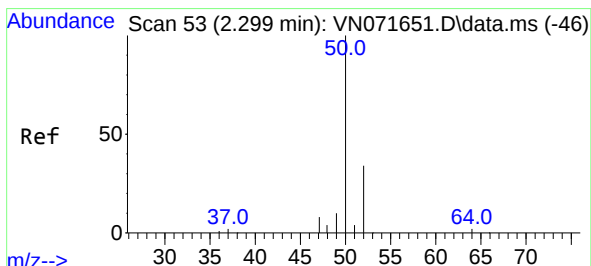
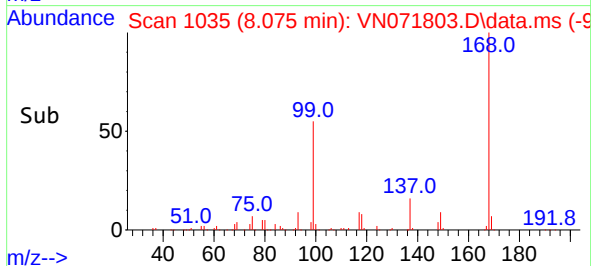
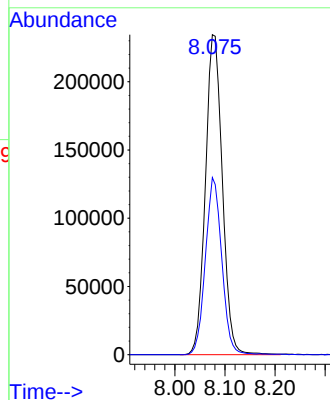
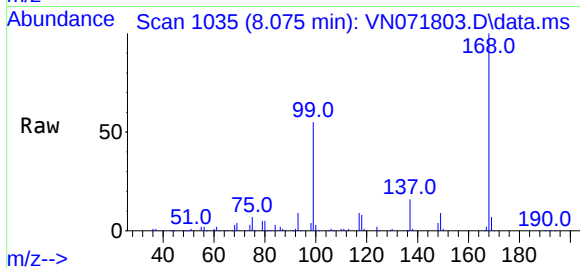




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.075 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

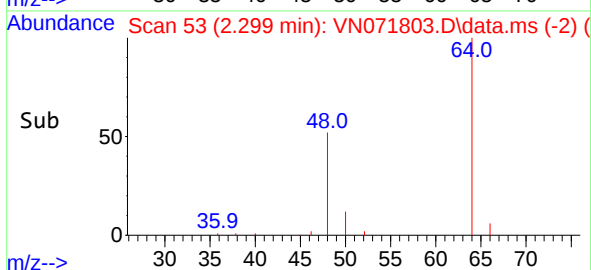
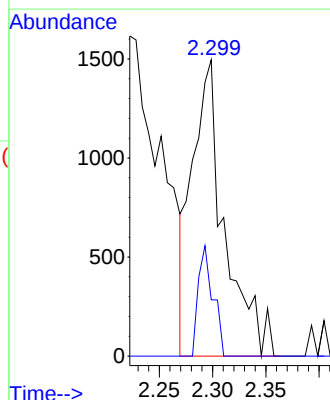
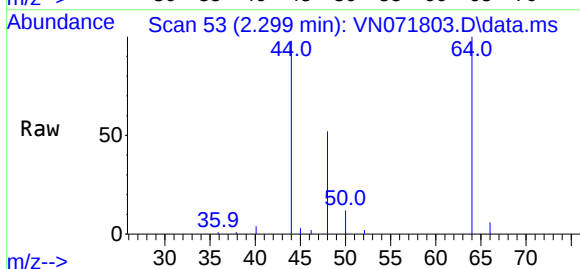
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

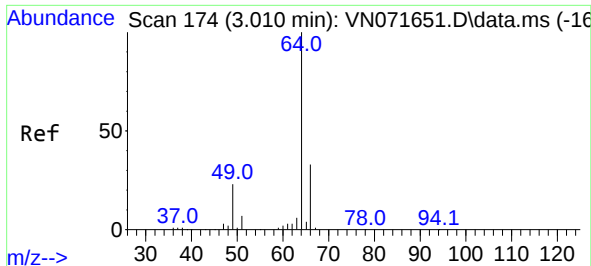
Tgt Ion:168 Resp: 550716  
Ion Ratio Lower Upper  
168 100  
99 55.3 42.3 63.5



#3  
Chloromethane  
Concen: 0.570 ug/l  
RT: 2.299 min Scan# 53  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 50 Resp: 3163  
Ion Ratio Lower Upper  
50 100  
52 19.0 25.7 38.5#

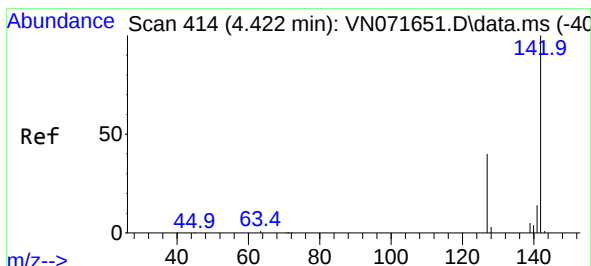
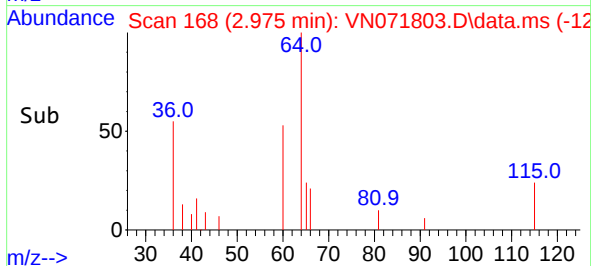
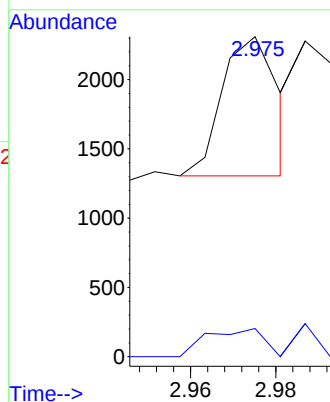
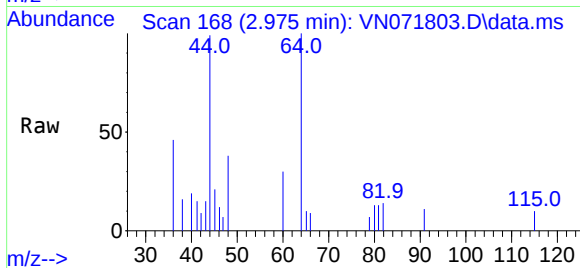




#6  
Chloroethane  
Concen: 0.209 ug/l  
RT: 2.975 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

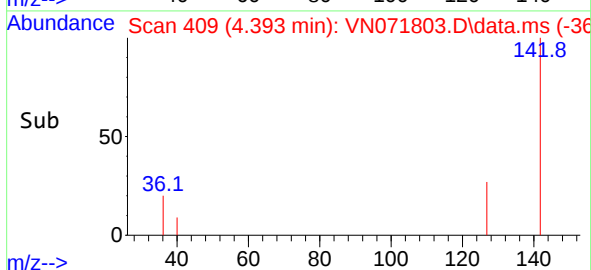
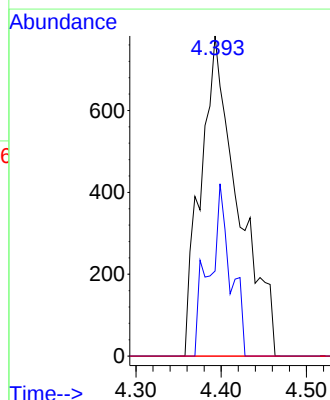
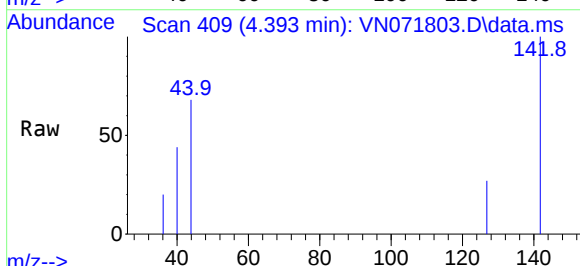
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

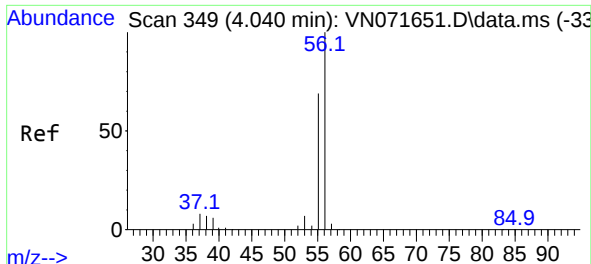
Tgt Ion: 64 Resp: 915  
Ion Ratio Lower Upper  
64 100  
66 20.3 26.2 39.4#



#10  
Methyl Iodide  
Concen: 0.358 ug/l  
RT: 4.393 min Scan# 409  
Delta R.T. -0.029 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 142 Resp: 2389  
Ion Ratio Lower Upper  
142 100  
127 30.9 31.3 46.9#  
141 0.0 11.2 16.8#

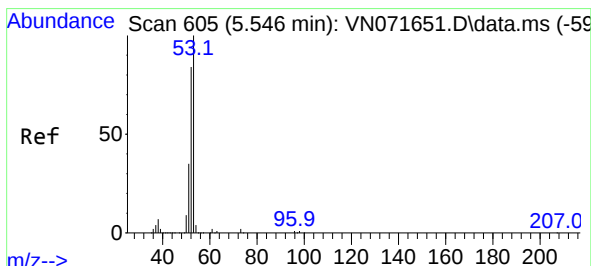
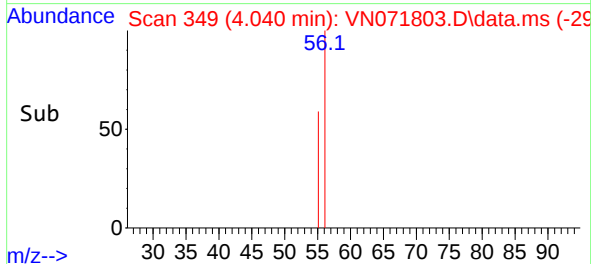
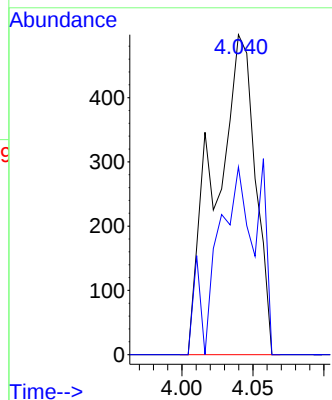
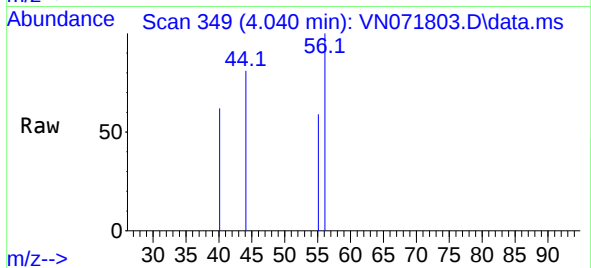




#13  
Acrolein  
Concen: 0.788 ug/l  
RT: 4.040 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

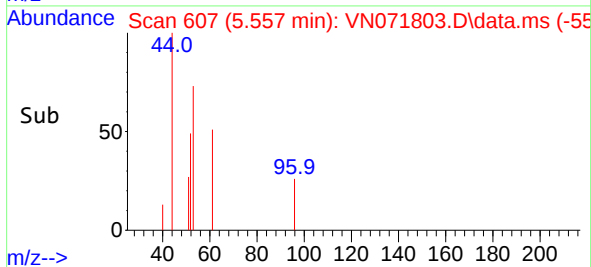
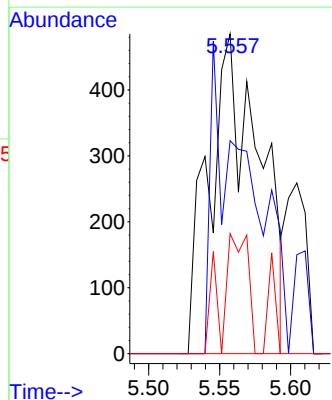
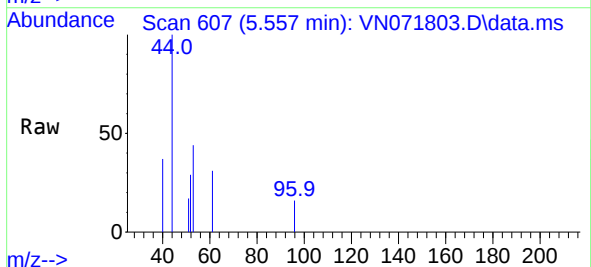
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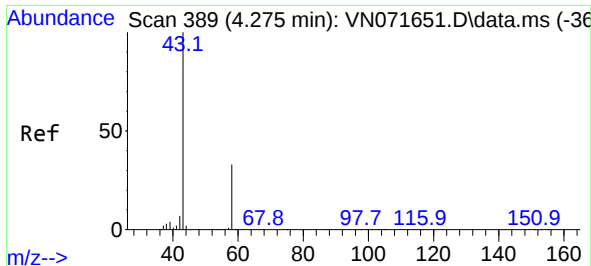
Tgt Ion: 56 Resp: 980  
Ion Ratio Lower Upper  
56 100  
55 60.8 54.8 82.2



#15  
Acrylonitrile  
Concen: 0.405 ug/l  
RT: 5.557 min Scan# 607  
Delta R.T. 0.011 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 53 Resp: 1202  
Ion Ratio Lower Upper  
53 100  
52 38.3 66.4 99.6#  
51 19.7 28.5 42.7#

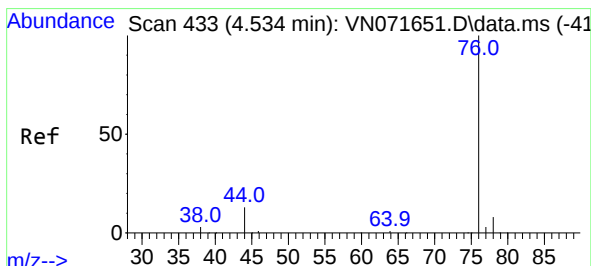
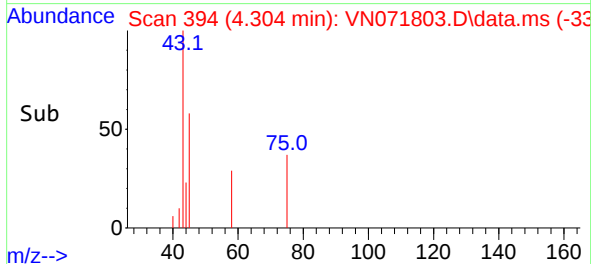
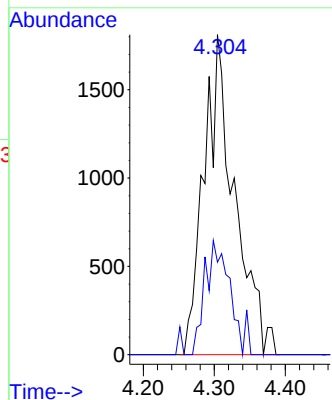
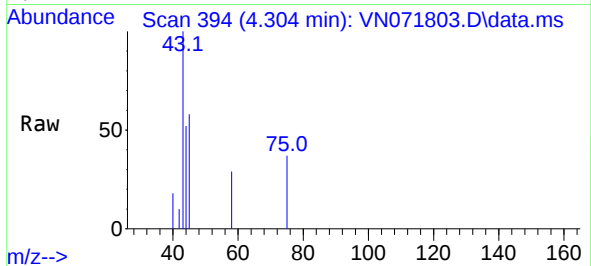




#16  
Acetone  
Concen: 2.021 ug/l  
RT: 4.304 min Scan# 394  
Delta R.T. 0.029 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

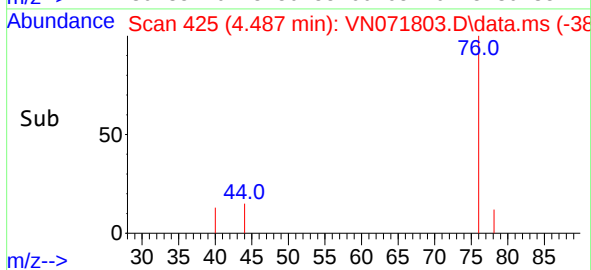
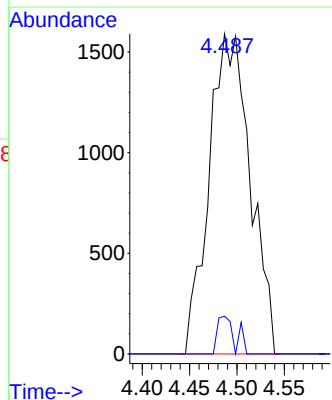
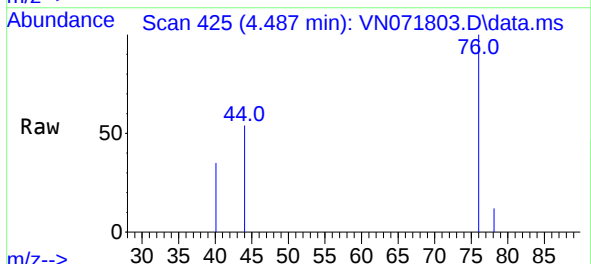
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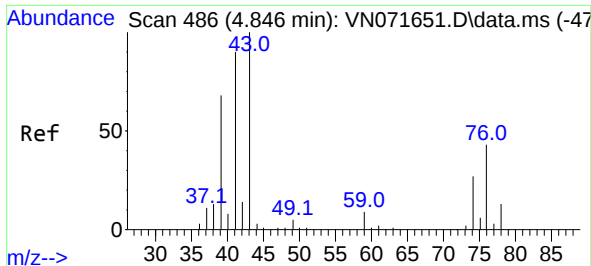
Tgt Ion: 43 Resp: 5431  
Ion Ratio Lower Upper  
43 100  
58 28.9 26.0 39.0



#17  
Carbon Disulfide  
Concen: 0.462 ug/l  
RT: 4.487 min Scan# 425  
Delta R.T. -0.047 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 76 Resp: 4823  
Ion Ratio Lower Upper  
76 100  
78 11.8 7.2 10.8#

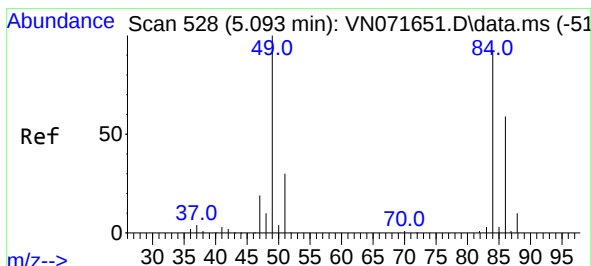
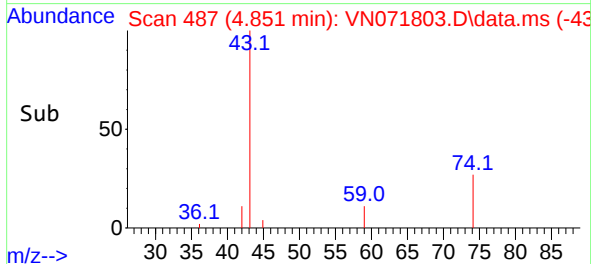
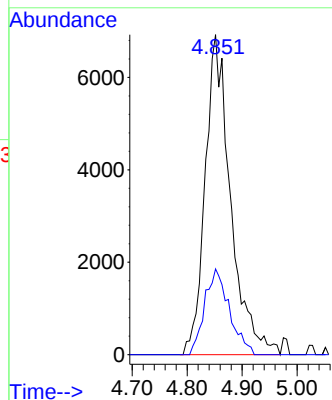
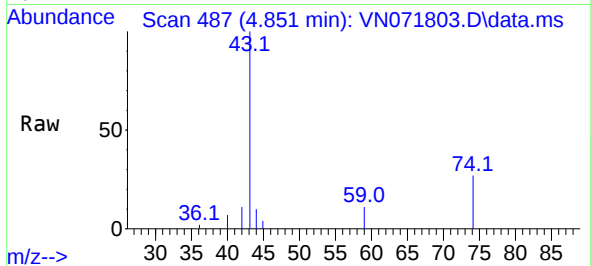




#18  
Methyl Acetate  
Concen: 1.892 ug/l  
RT: 4.851 min Scan# 41  
Delta R.T. 0.005 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

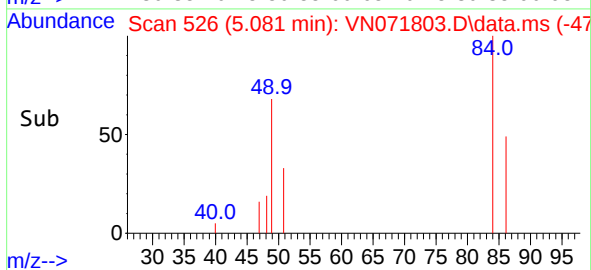
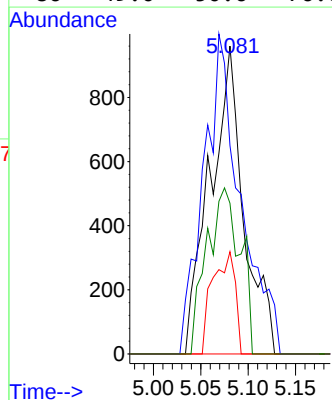
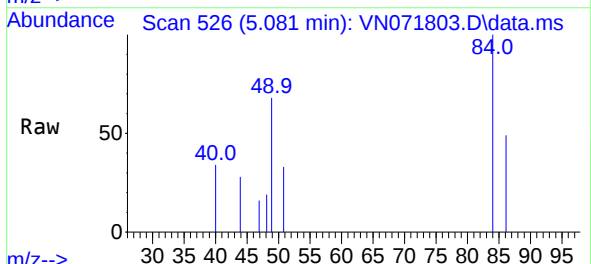
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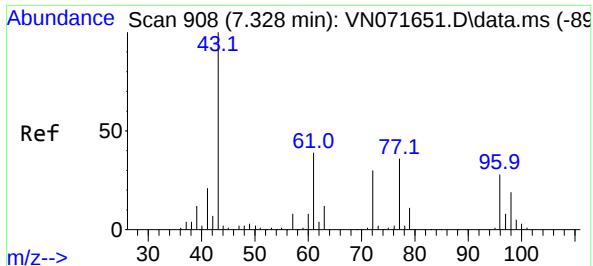
Tgt Ion: 43 Resp: 22277  
Ion Ratio Lower Upper  
43 100  
74 26.0 21.6 32.4



#20  
Methylene Chloride  
Concen: 0.421 ug/l  
RT: 5.081 min Scan# 526  
Delta R.T. -0.012 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 84 Resp: 2386  
Ion Ratio Lower Upper  
84 100  
49 67.7 88.3 132.5#  
51 33.2 28.2 42.2  
86 49.0 50.6 76.0#





#25

2-Butanone

Concen: 1.521 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN071803.D

Acq: 02 Apr 2022 17:21

Instrument :

MSVOA\_N

ClientSampleId :

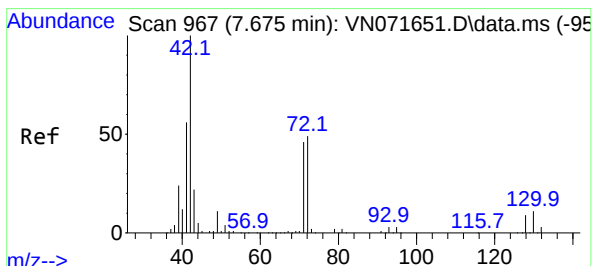
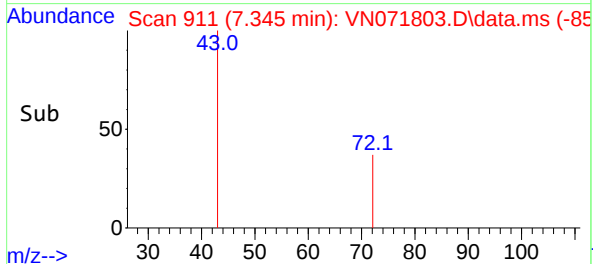
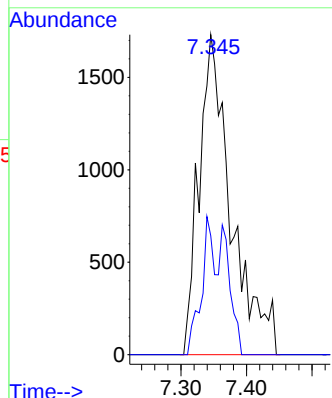
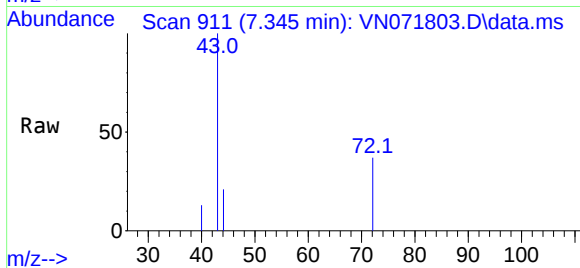
RW-1-20220321-19.0-20.0ME

Tgt Ion: 43 Resp: 5892

Ion Ratio Lower Upper

43 100

72 37.1 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.418 ug/l

RT: 7.692 min Scan# 970

Delta R.T. 0.017 min

Lab File: VN071803.D

Acq: 02 Apr 2022 17:21

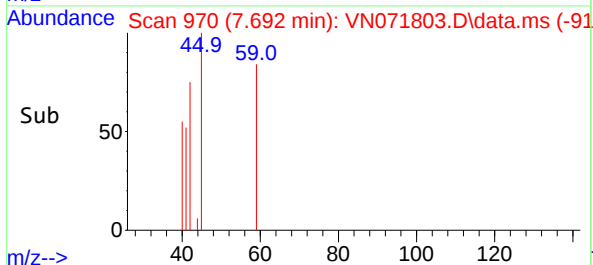
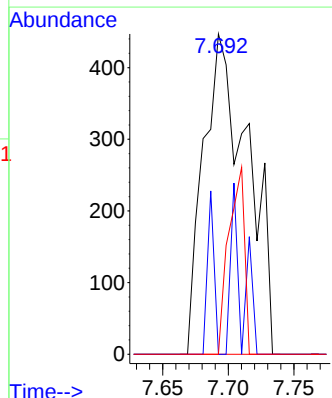
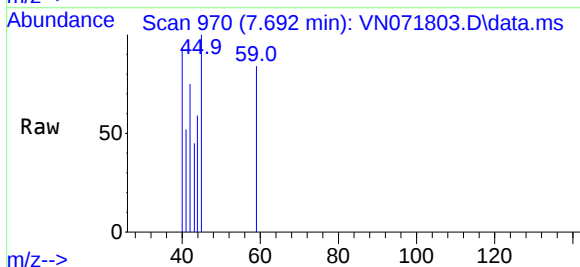
Tgt Ion: 42 Resp: 1048

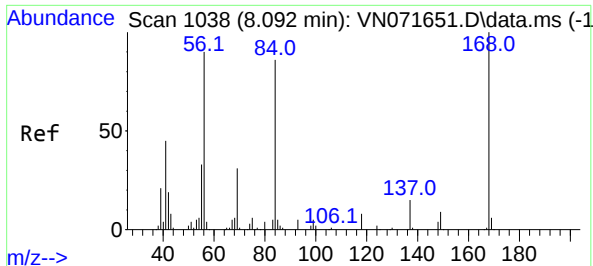
Ion Ratio Lower Upper

42 100

72 7.6 39.7 59.5#

71 0.0 36.6 55.0#





#31

Cyclohexane

Concen: 1.182 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.017 min

Lab File: VN071803.D

Acq: 02 Apr 2022 17:21

Instrument :

MSVOA\_N

ClientSampleId :

RW-1-20220321-19.0-20.0ME

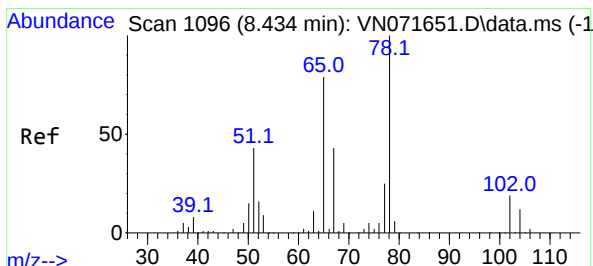
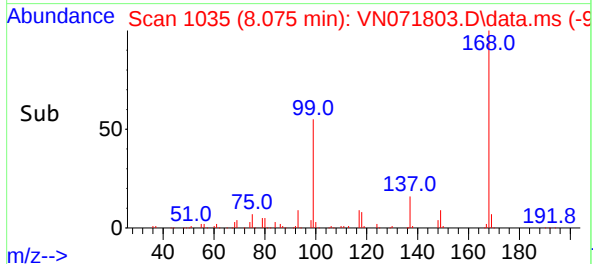
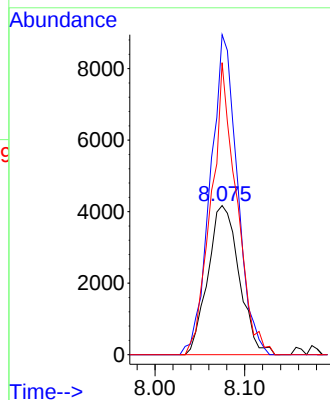
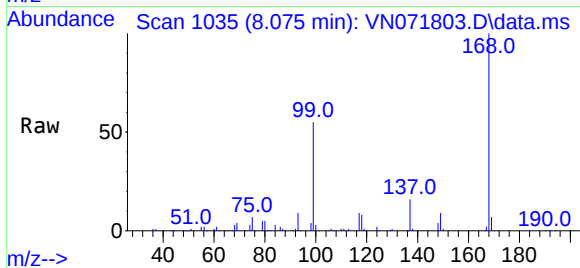
Tgt Ion: 56 Resp: 10106

Ion Ratio Lower Upper

56 100

69 214.7 27.8 41.8#

84 195.9 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.458 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN071803.D

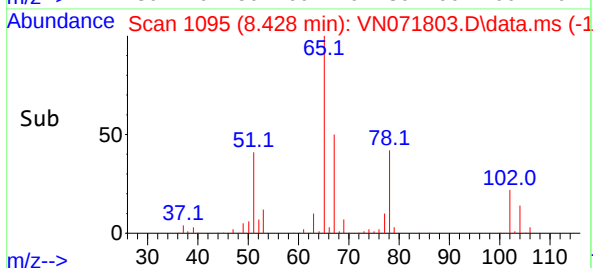
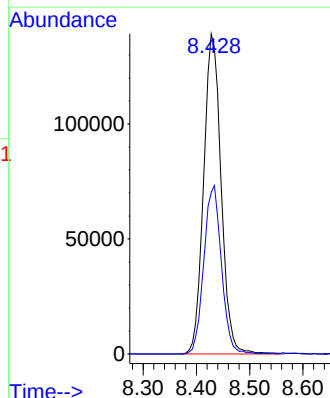
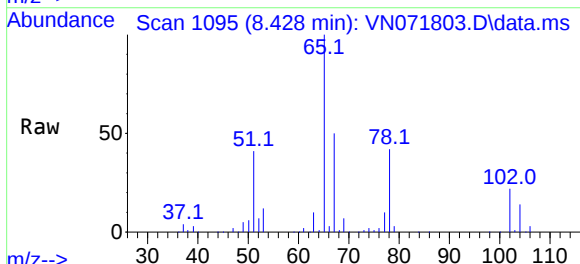
Acq: 02 Apr 2022 17:21

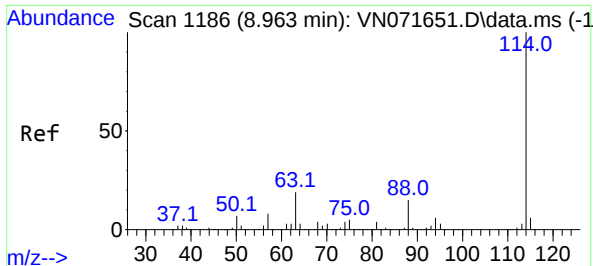
Tgt Ion: 65 Resp: 317233

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8

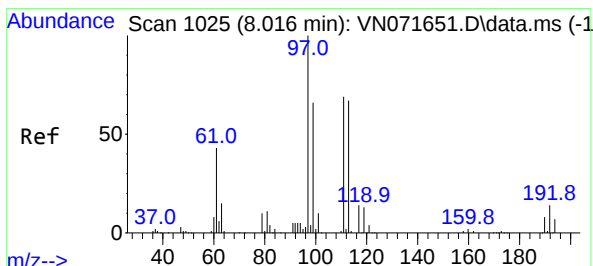
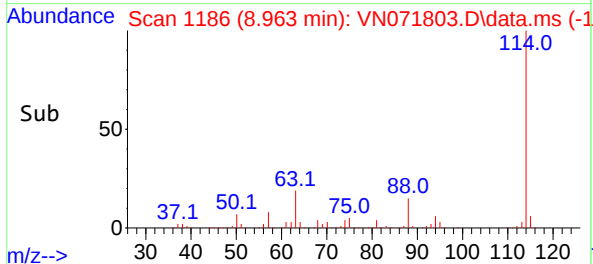
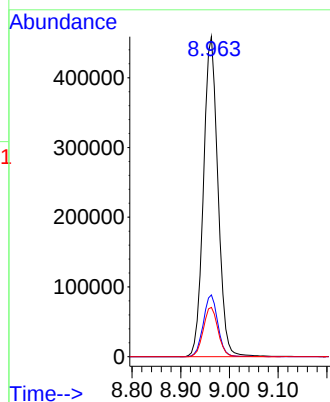
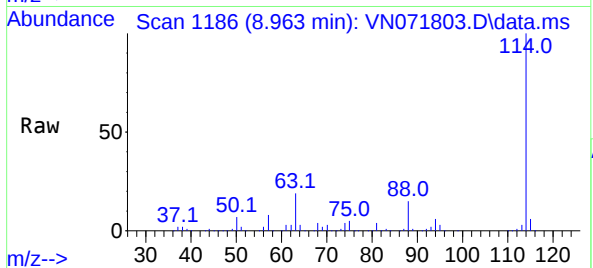




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

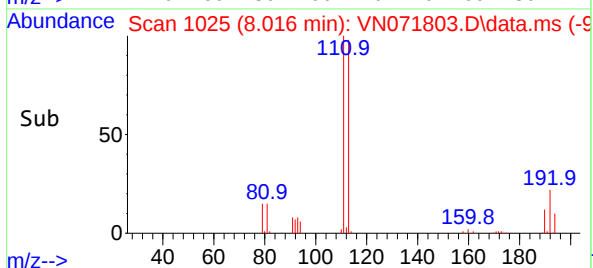
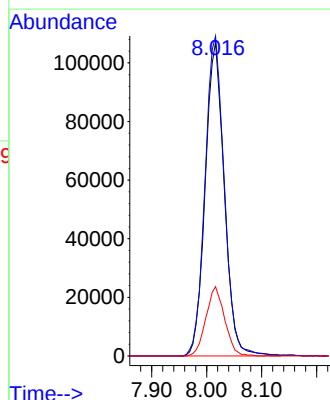
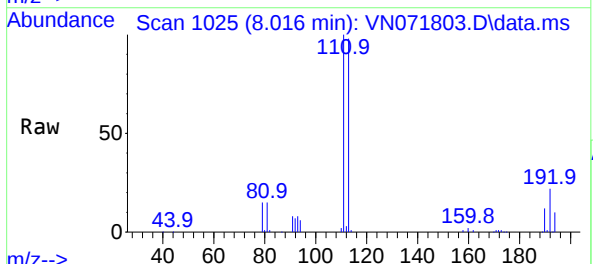
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

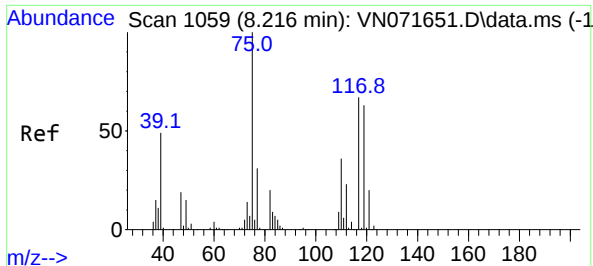
Tgt Ion:114 Resp: 946126  
Ion Ratio Lower Upper  
114 100  
63 19.3 0.0 40.0  
88 15.4 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 46.283 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion:113 Resp: 257677  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.4 122.0  
192 21.6 17.0 25.6

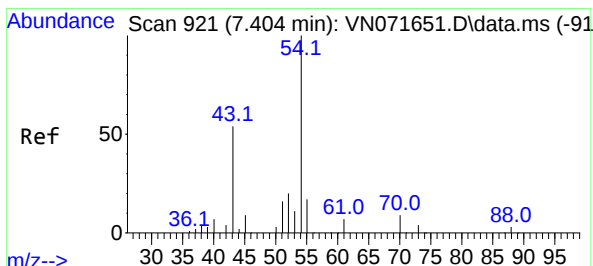
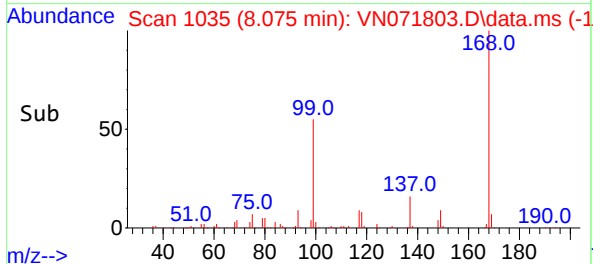
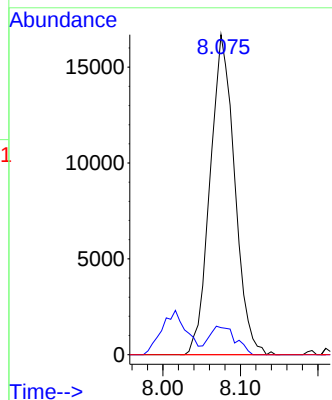
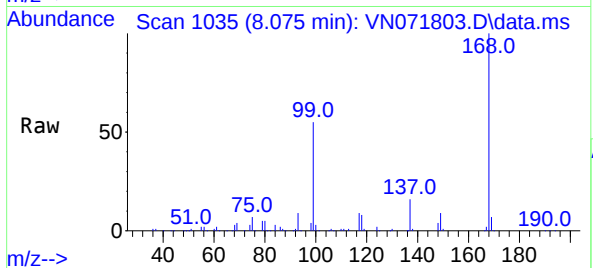




#36  
1,1-Dichloropropene  
Concen: 4.743 ug/l  
RT: 8.075 min Scan# 1059  
Delta R.T. -0.141 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

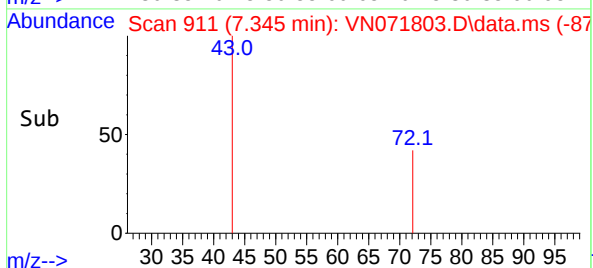
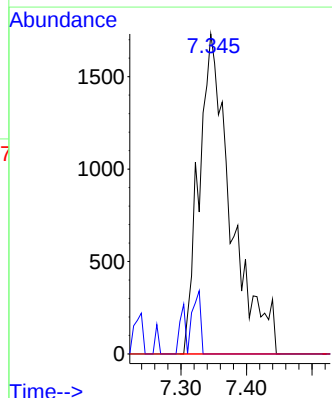
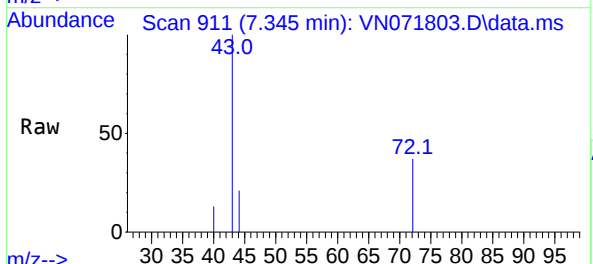
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

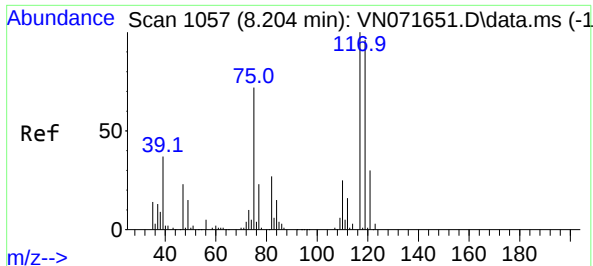
Tgt Ion: 75 Resp: 36877  
Ion Ratio Lower Upper  
75 100  
110 9.7 18.3 54.8#  
77 0.0 25.1 37.7#



#37  
Ethyl Acetate  
Concen: 0.692 ug/l  
RT: 7.345 min Scan# 911  
Delta R.T. -0.059 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 43 Resp: 5892  
Ion Ratio Lower Upper  
43 100  
61 5.0 11.8 17.6#  
70 0.0 9.3 13.9#

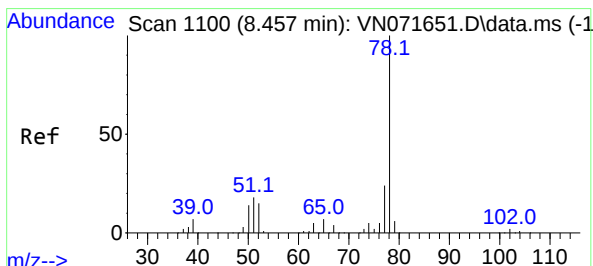
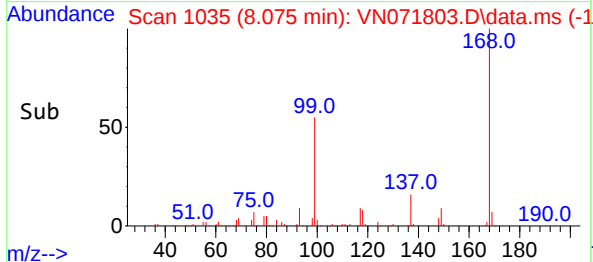
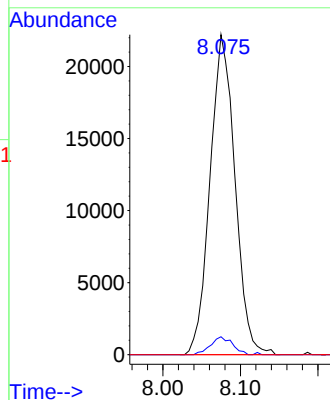
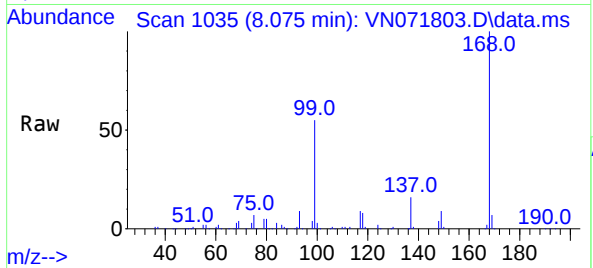




#38  
Carbon Tetrachloride  
Concen: 6.523 ug/l  
RT: 8.075 min Scan# 1099  
Delta R.T. -0.129 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

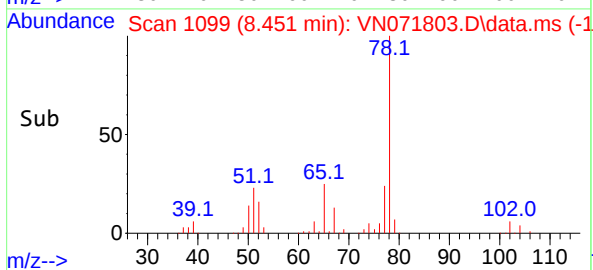
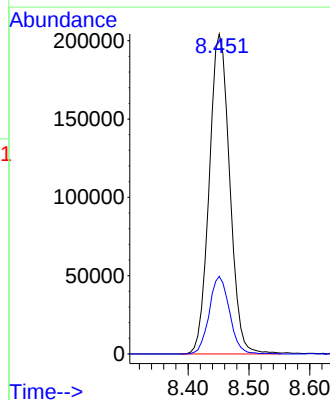
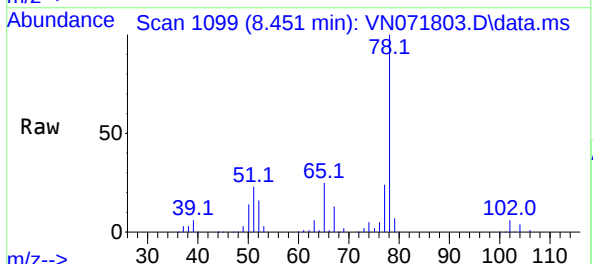
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

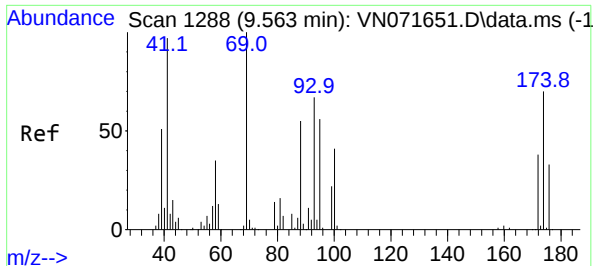
Tgt Ion:117 Resp: 49700  
Ion Ratio Lower Upper  
117 100  
119 5.6 75.8 113.8#  
121 0.0 24.6 37.0#



#40  
Benzene  
Concen: 19.446 ug/l  
RT: 8.451 min Scan# 1099  
Delta R.T. -0.006 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 78 Resp: 477582  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.4 29.0

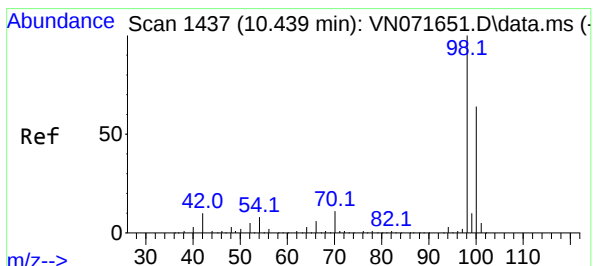
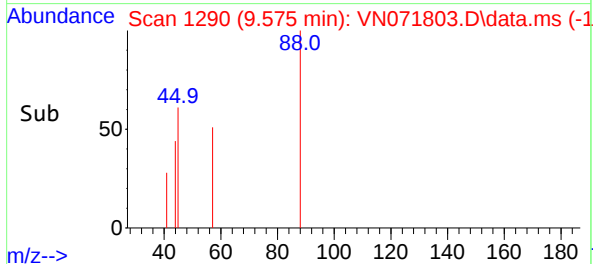
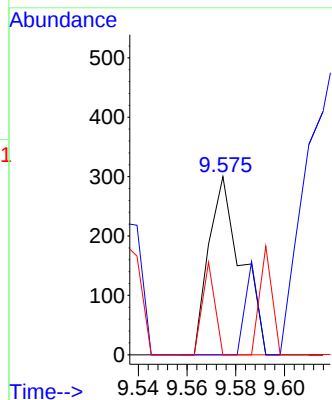
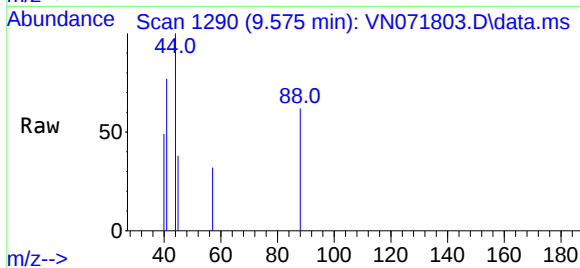




#49  
1,4-Dioxane  
Concen: Below Cal  
RT: 9.575 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

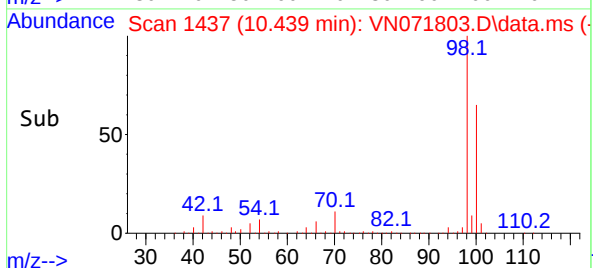
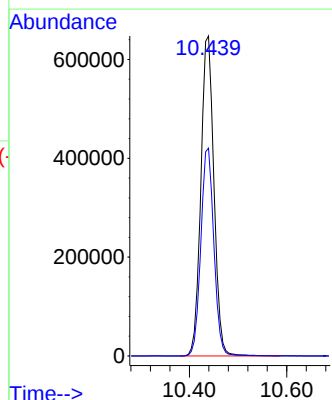
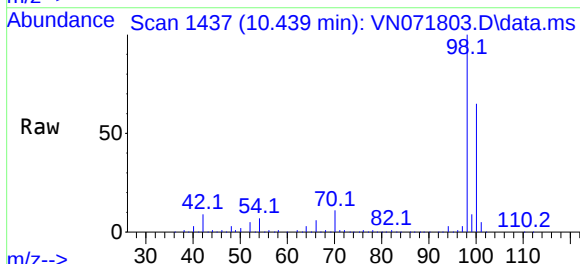
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

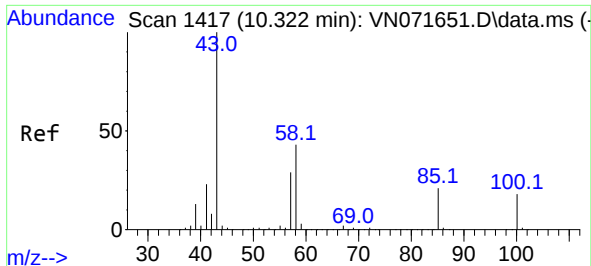
Tgt Ion: 88 Resp: 279  
Ion Ratio Lower Upper  
88 100  
43 0.0 20.2 30.4#  
58 19.7 54.2 81.4#



#50  
Toluene-d8  
Concen: 52.934 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 98 Resp: 1205560  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.449 ug/l

RT: 10.328 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VN071803.D

Acq: 02 Apr 2022 17:21

Instrument :

MSVOA\_N

ClientSampleId :

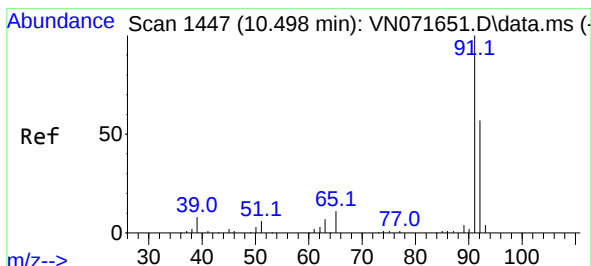
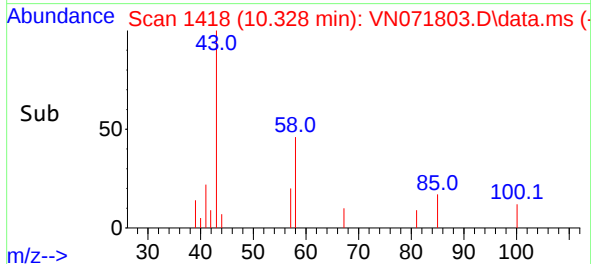
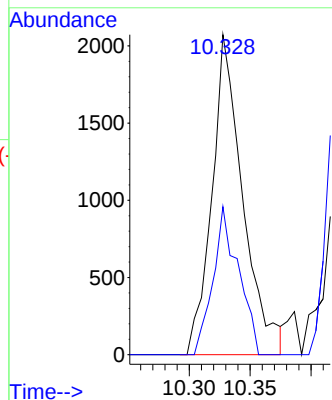
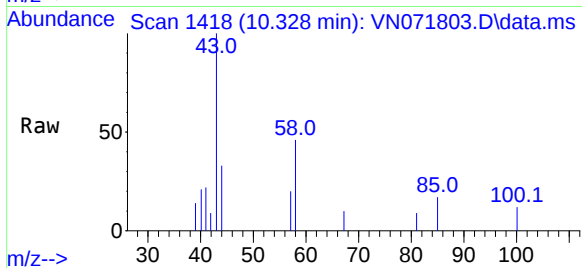
RW-1-20220321-19.0-20.0ME

Tgt Ion: 43 Resp: 3657

Ion Ratio Lower Upper

43 100

58 38.2 34.1 51.1



#52

Toluene

Concen: 0.940 ug/l

RT: 10.498 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN071803.D

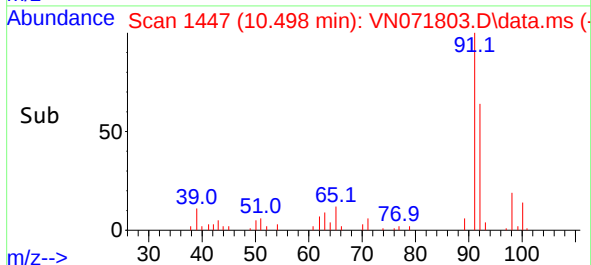
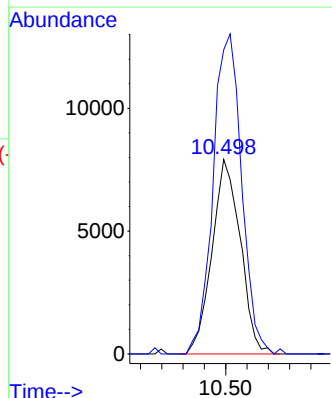
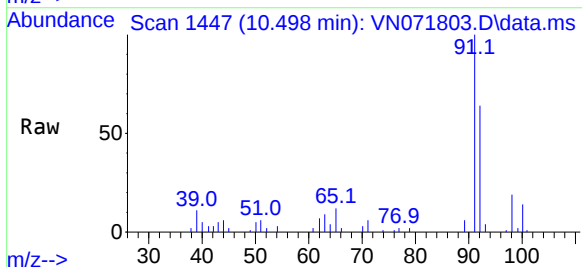
Acq: 02 Apr 2022 17:21

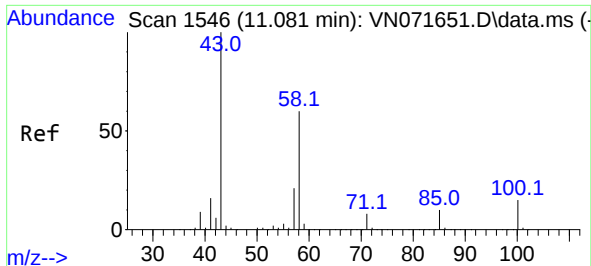
Tgt Ion: 92 Resp: 14595

Ion Ratio Lower Upper

92 100

91 166.4 138.6 207.8

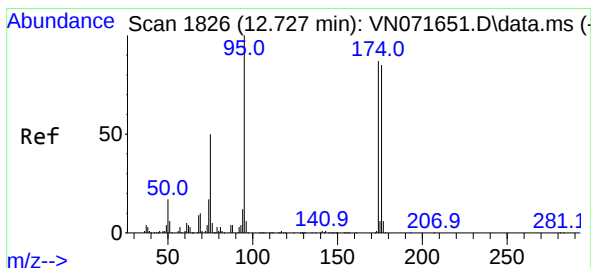
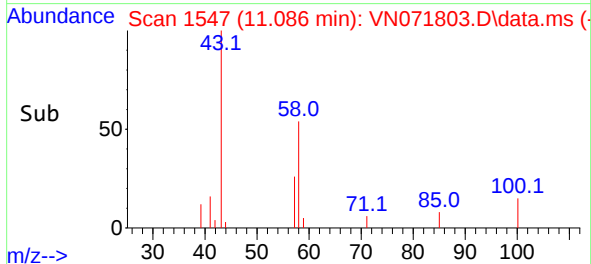
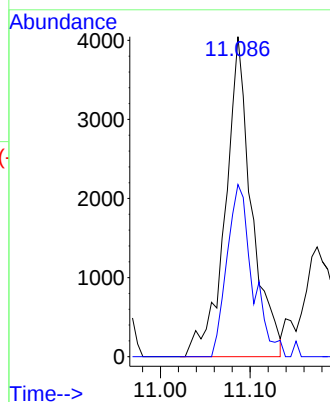
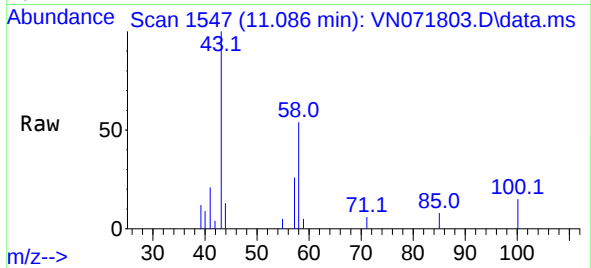




#59  
2-Hexanone  
Concen: 1.437 ug/l  
RT: 11.086 min Scan# 1100  
Delta R.T. 0.005 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

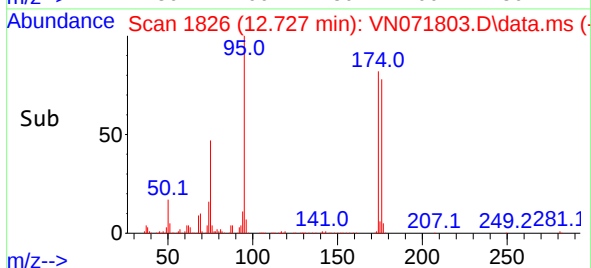
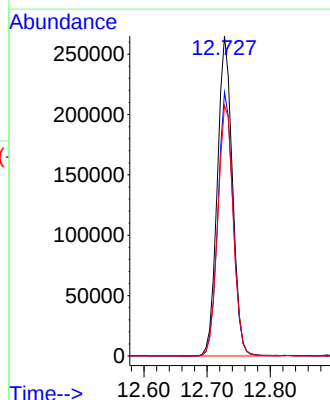
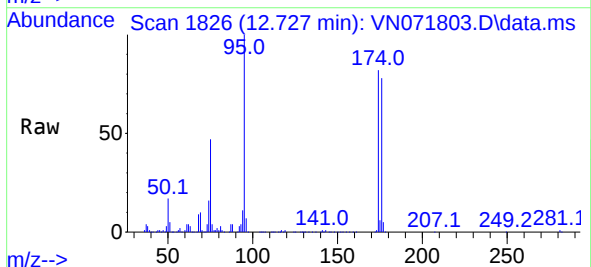
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

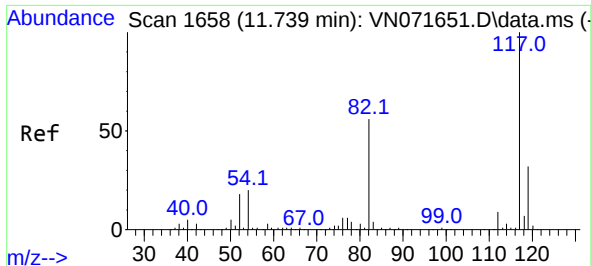
Tgt Ion: 43 Resp: 8232  
Ion Ratio Lower Upper  
43 100  
58 52.6 29.7 89.1



#62  
4-Bromofluorobenzene  
Concen: 59.578 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 95 Resp: 438835  
Ion Ratio Lower Upper  
95 100  
174 82.4 0.0 167.6  
176 80.3 0.0 163.4

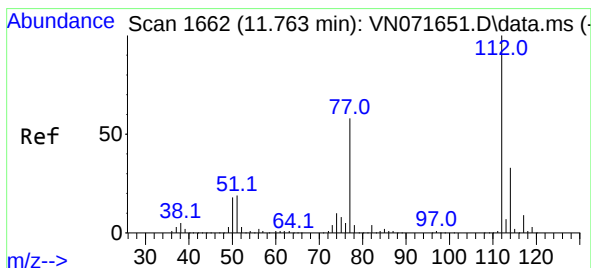
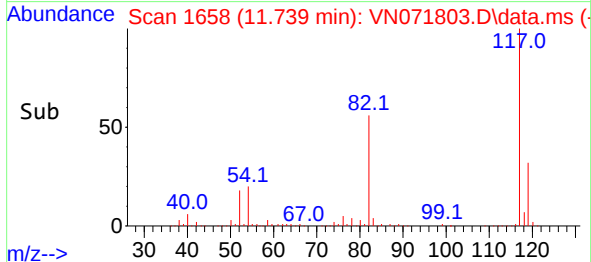
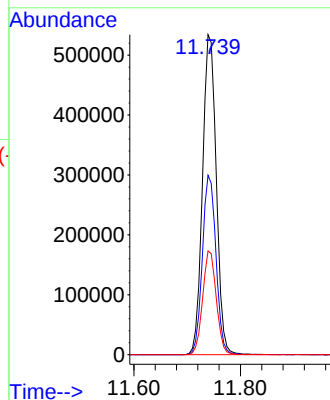
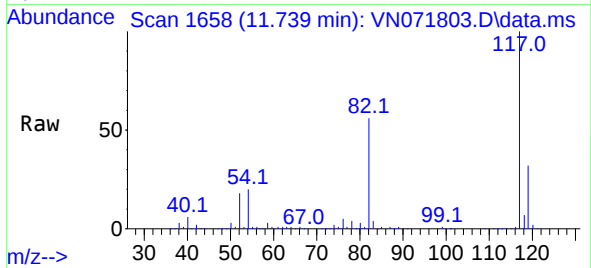




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

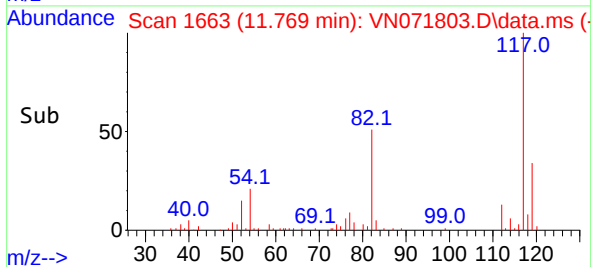
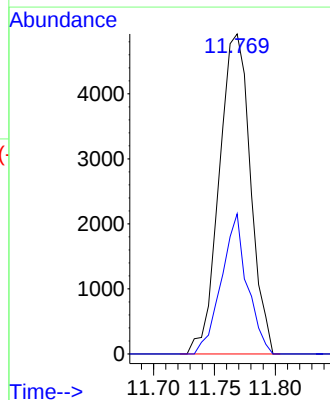
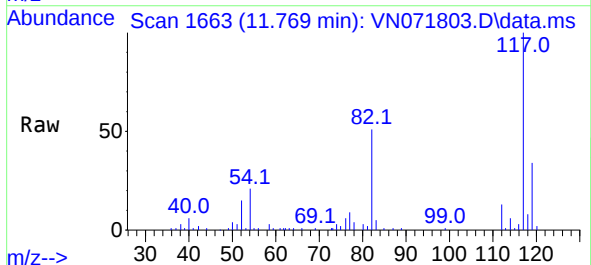
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

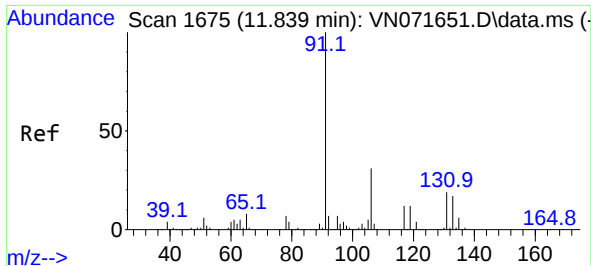
Tgt Ion:117 Resp: 957102  
Ion Ratio Lower Upper  
117 100  
82 56.1 44.2 66.2  
119 32.5 25.4 38.0



#65  
Chlorobenzene  
Concen: 0.458 ug/l  
RT: 11.769 min Scan# 1663  
Delta R.T. 0.006 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion:112 Resp: 8787  
Ion Ratio Lower Upper  
112 100  
114 43.8 25.4 38.2#

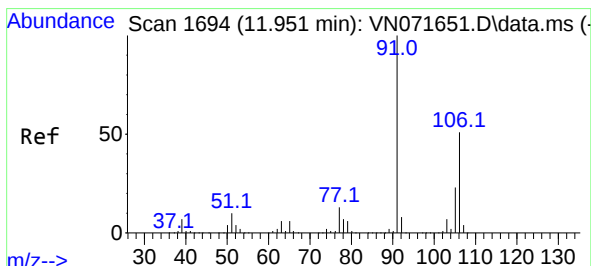
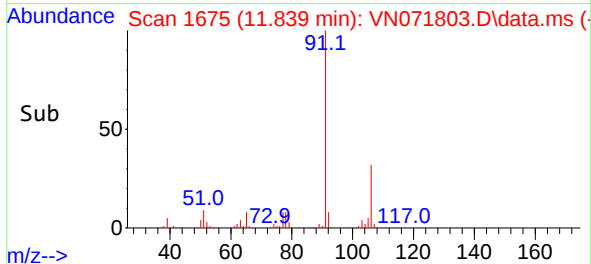
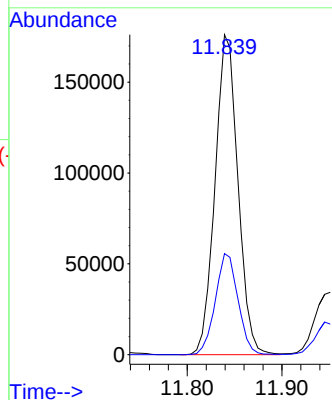
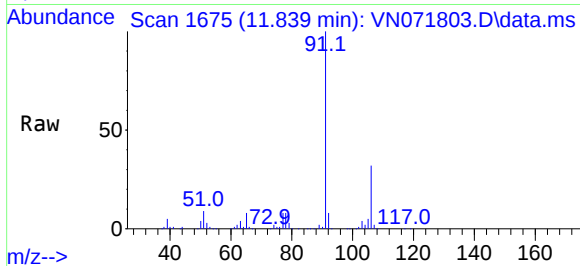




#67  
Ethyl Benzene  
Concen: 9.132 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

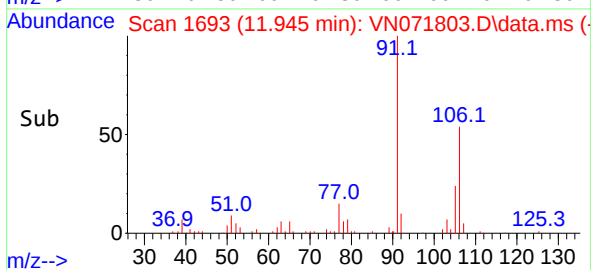
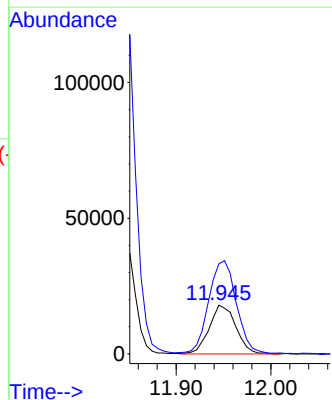
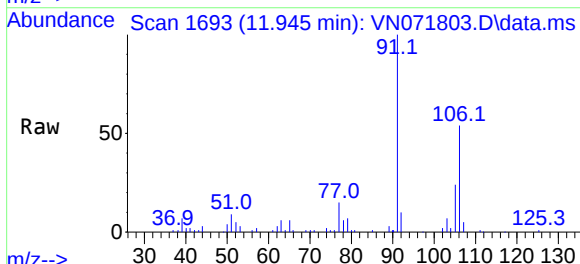
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

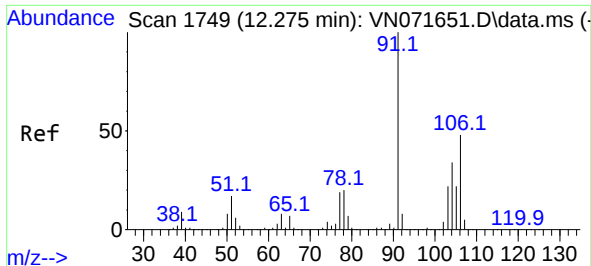
Tgt Ion: 91 Resp: 296268  
Ion Ratio Lower Upper  
91 100  
106 31.6 24.9 37.3



#68  
m/p-Xylenes  
Concen: 2.815 ug/l  
RT: 11.945 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 106 Resp: 35088  
Ion Ratio Lower Upper  
106 100  
91 200.5 158.9 238.3

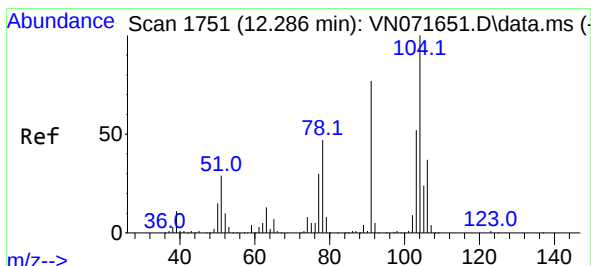
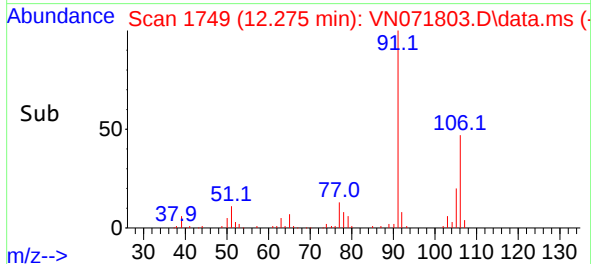
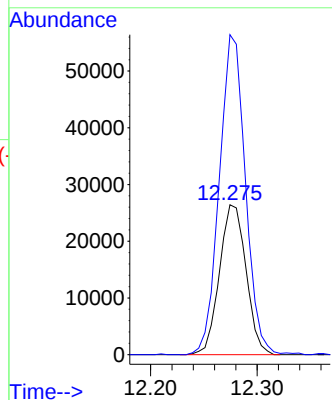
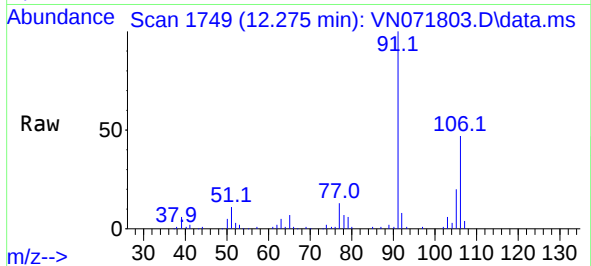




#69  
o-Xylene  
Concen: 3.701 ug/l  
RT: 12.275 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

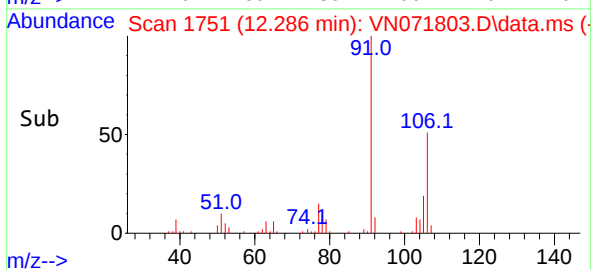
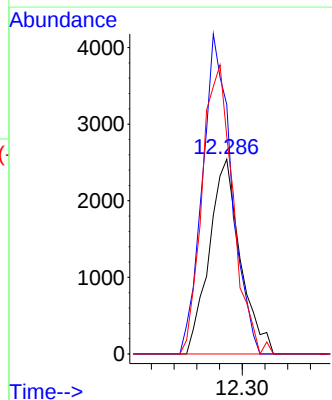
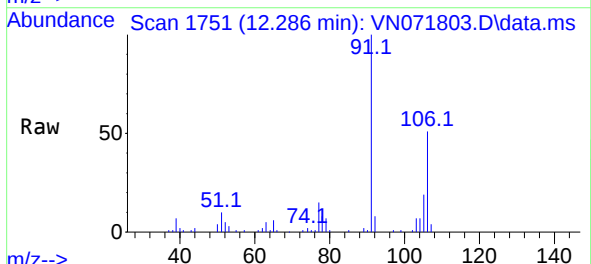
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

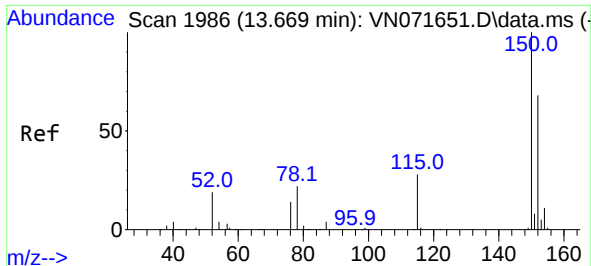
Tgt Ion:106 Resp: 45795  
Ion Ratio Lower Upper  
106 100  
91 209.7 106.0 318.0



#70  
Styrene  
Concen: 0.259 ug/l  
RT: 12.286 min Scan# 1751  
Delta R.T. 0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion:104 Resp: 4856  
Ion Ratio Lower Upper  
104 100  
78 153.0 39.5 59.3#  
103 146.2 44.0 66.0#

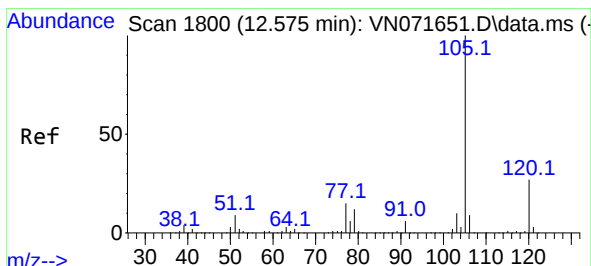
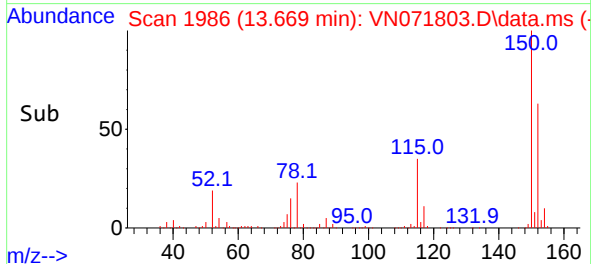
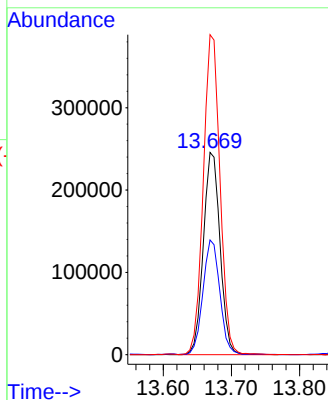
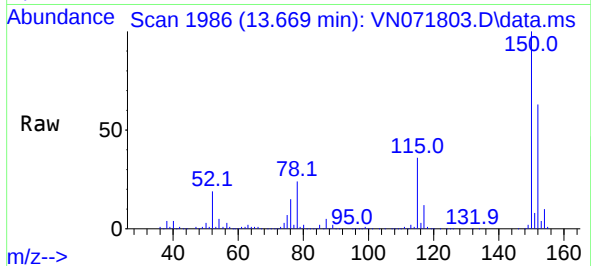




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

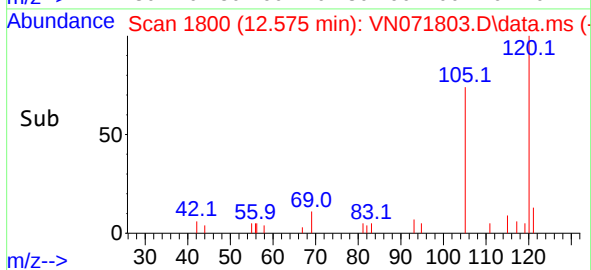
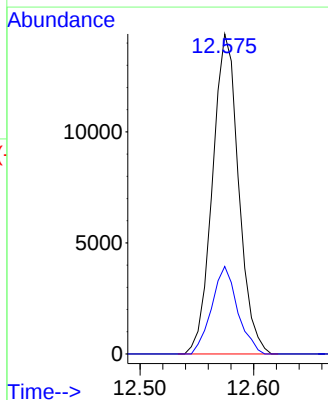
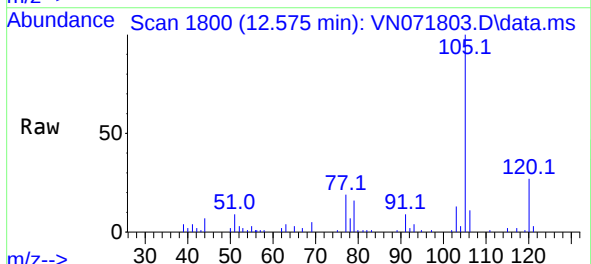
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

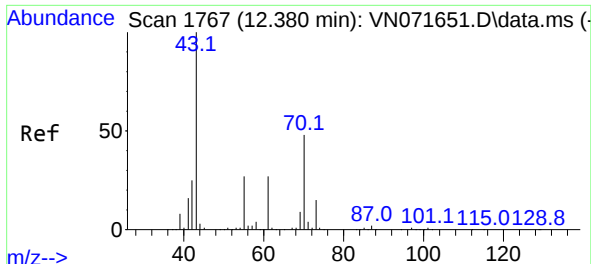
Tgt Ion:152 Resp: 418925  
Ion Ratio Lower Upper  
152 100  
115 56.9 28.9 86.7  
150 158.4 0.0 356.2



#73  
Isopropylbenzene  
Concen: 0.653 ug/l  
RT: 12.575 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion:105 Resp: 23056  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.5 40.4

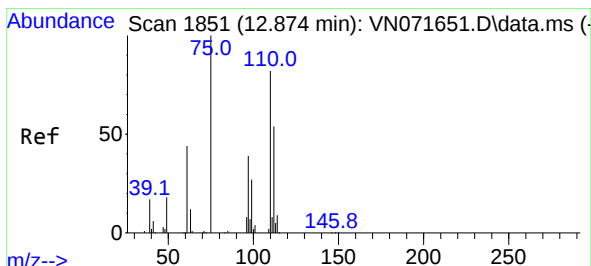
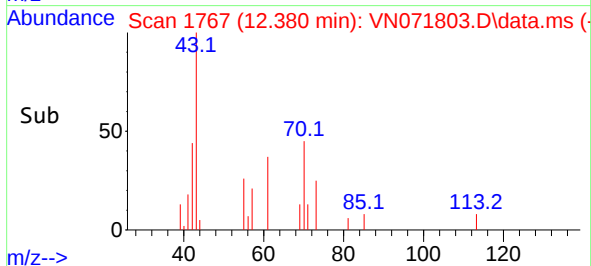
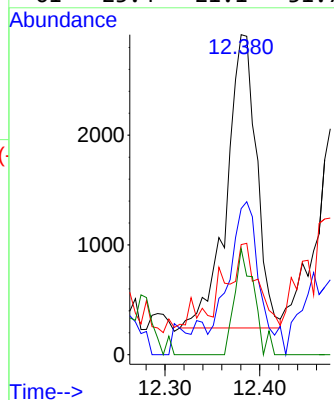
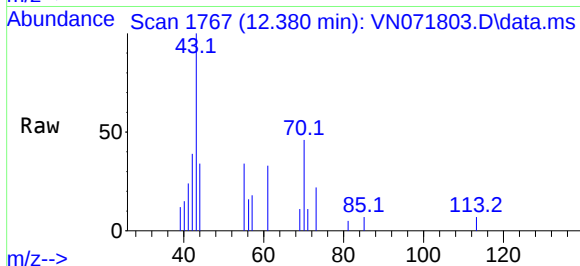




#74  
N-amy1 acetate  
Concen: 0.580 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

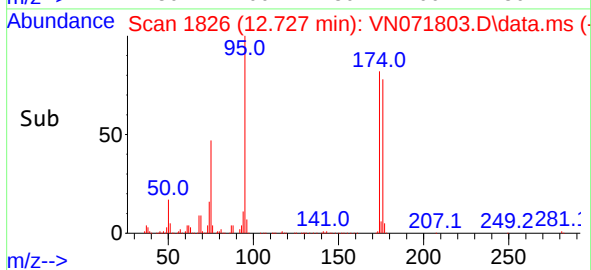
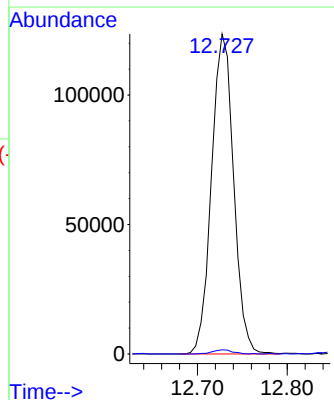
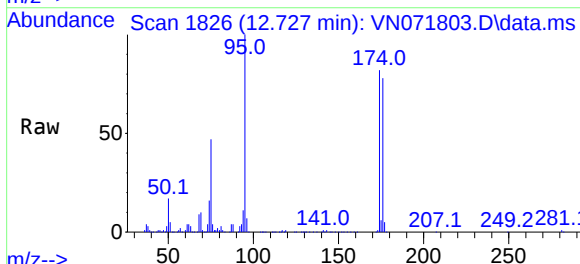
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

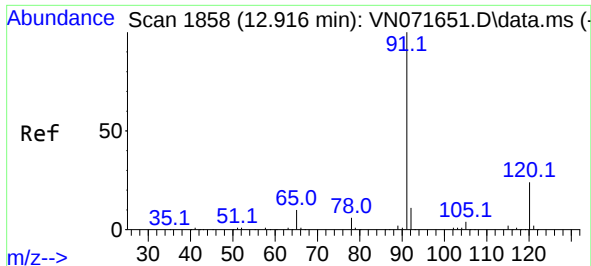
| Tgt Ion: | 43    | Resp: | 5864  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 53.7  | 39.0  | 58.4  |
| 55       | 28.6  | 21.1  | 31.7  |
| 61       | 23.4  | 21.1  | 31.7  |



#76  
1,2,3-Trichloropropane  
Concen: 21.763 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.147 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

| Tgt Ion: | 75    | Resp: | 211208 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 1.2   | 98.5  | 295.5# |

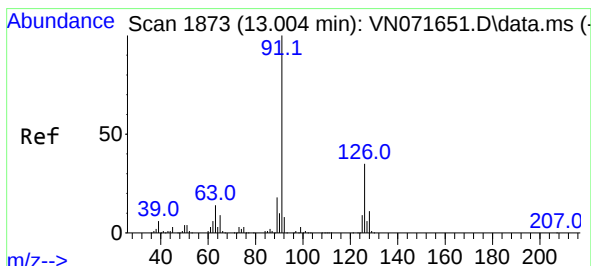
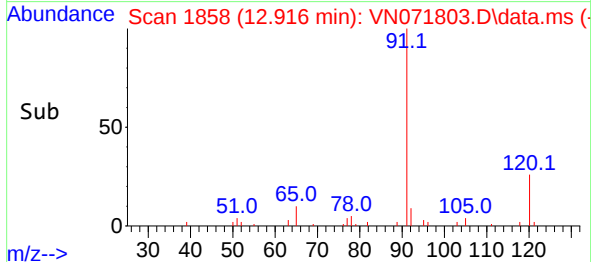
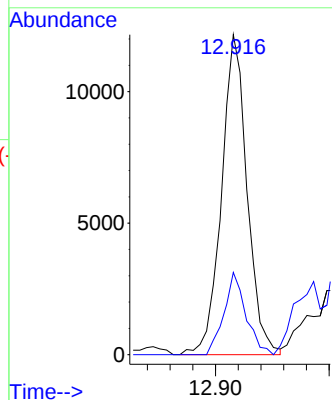
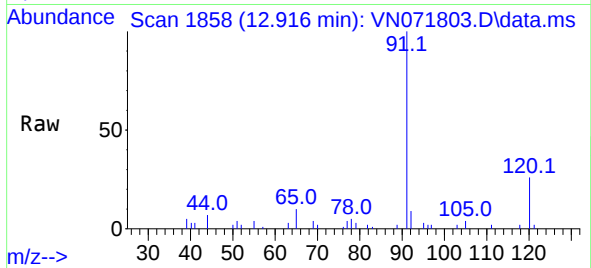




#78  
n-propylbenzene  
Concen: 0.513 ug/l  
RT: 12.916 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

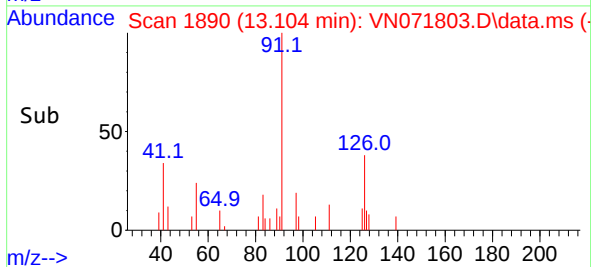
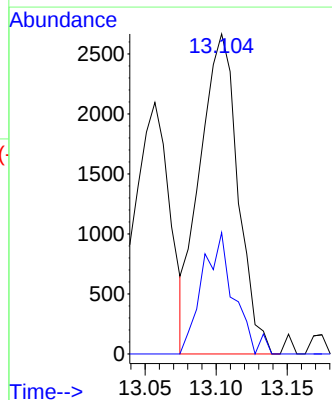
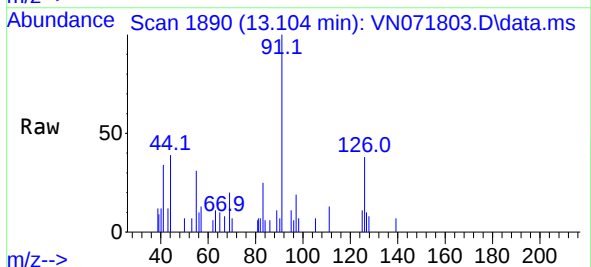
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

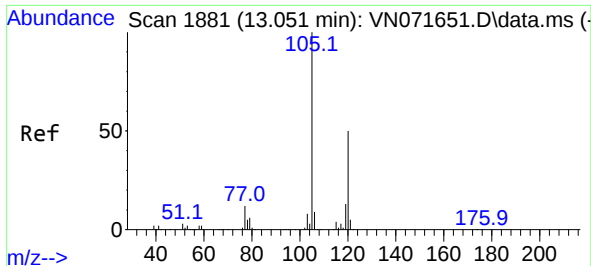
Tgt Ion: 91 Resp: 19033  
Ion Ratio Lower Upper  
91 100  
120 22.0 11.9 35.5



#79  
2-Chlorotoluene  
Concen: 0.209 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. 0.100 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 91 Resp: 4973  
Ion Ratio Lower Upper  
91 100  
126 31.6 17.3 51.9

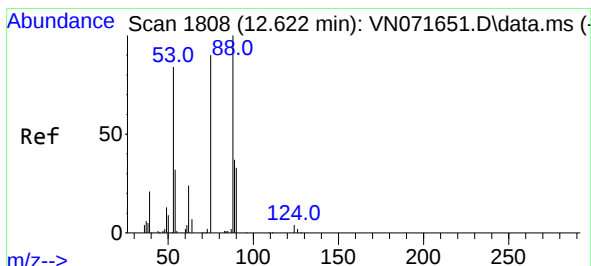
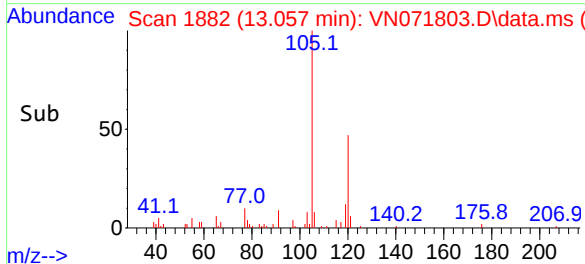
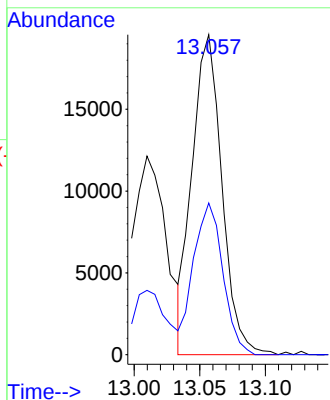
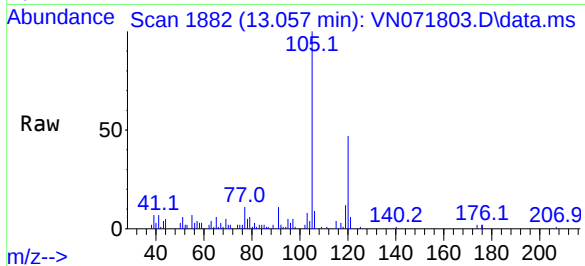




#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.105 ug/l  
 RT: 13.057 min Scan# 1881  
 Delta R.T. 0.006 min  
 Lab File: VN071803.D  
 Acq: 02 Apr 2022 17:21

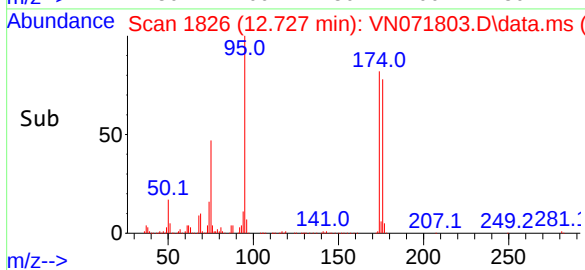
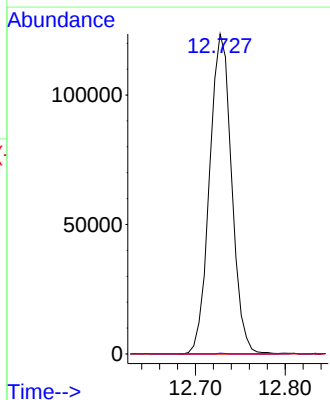
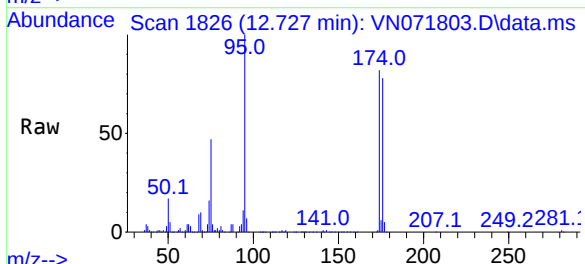
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW-1-20220321-19.0-20.0ME

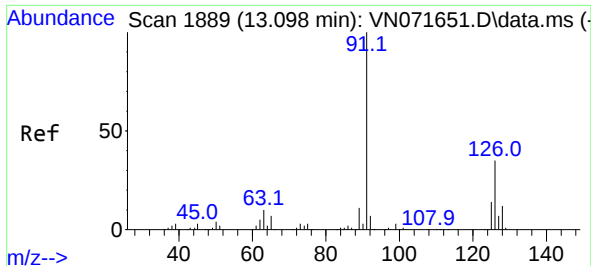
Tgt Ion:105 Resp: 30896  
 Ion Ratio Lower Upper  
 105 100  
 120 46.9 24.9 74.7



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 67.444 ug/l  
 RT: 12.727 min Scan# 1826  
 Delta R.T. 0.105 min  
 Lab File: VN071803.D  
 Acq: 02 Apr 2022 17:21

Tgt Ion: 75 Resp: 211208  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 78.0 117.0#  
 89 0.0 37.2 55.8#

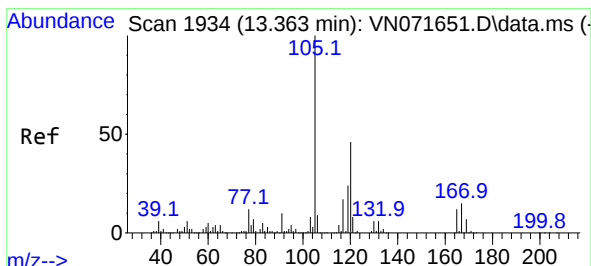
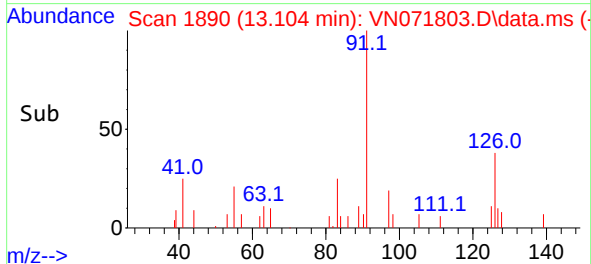
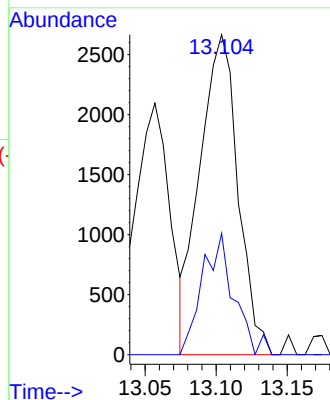
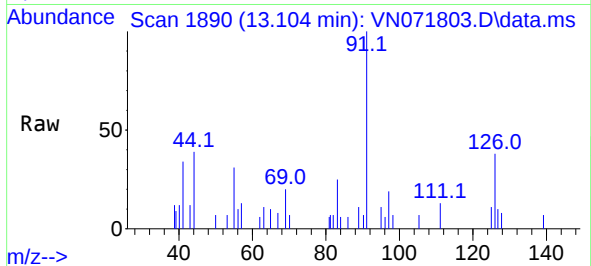




#82  
4-Chlorotoluene  
Concen: 0.225 ug/l  
RT: 13.104 min Scan# 1889  
Delta R.T. 0.006 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

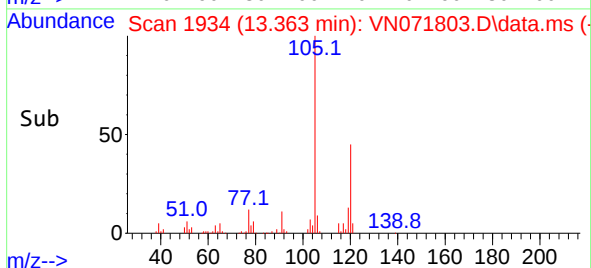
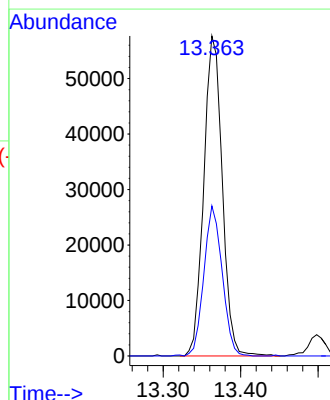
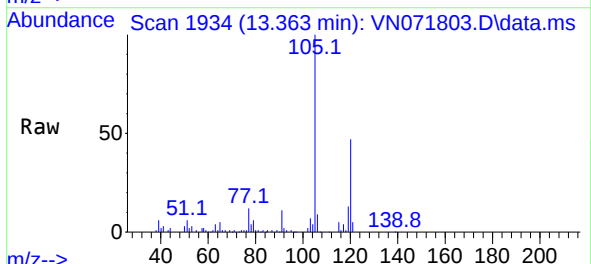
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

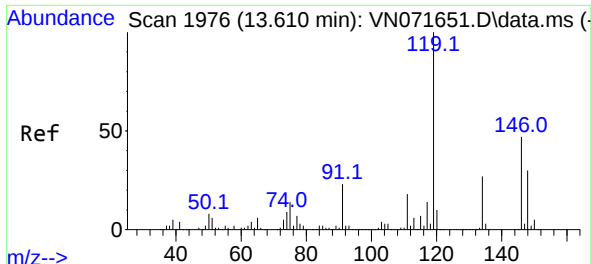
Tgt Ion: 91 Resp: 4973  
Ion Ratio Lower Upper  
91 100  
126 31.6 17.2 51.6



#84  
1,2,4-Trimethylbenzene  
Concen: 3.506 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 105 Resp: 95677  
Ion Ratio Lower Upper  
105 100  
120 46.4 23.3 69.8

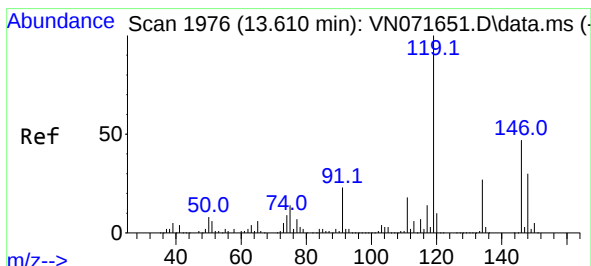
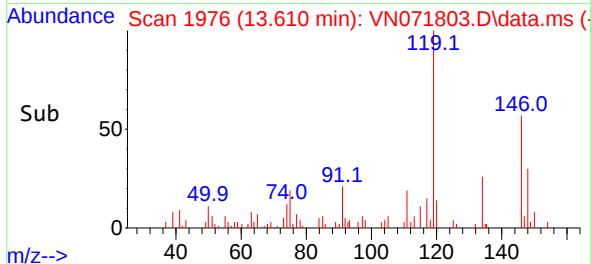
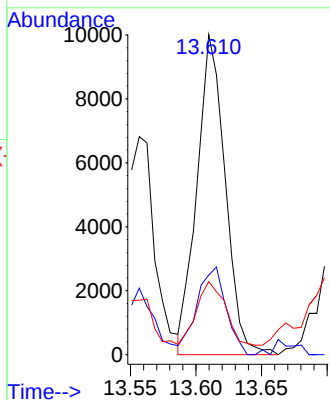
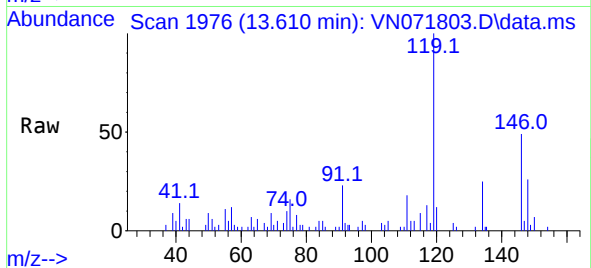




#86  
p-Isopropyltoluene  
Concen: 0.569 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

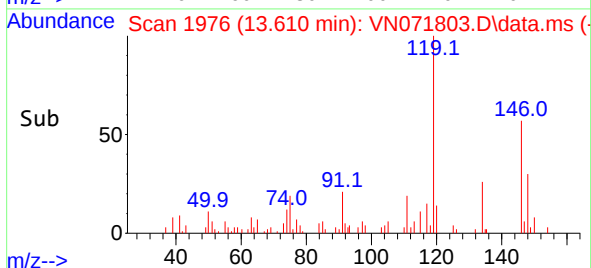
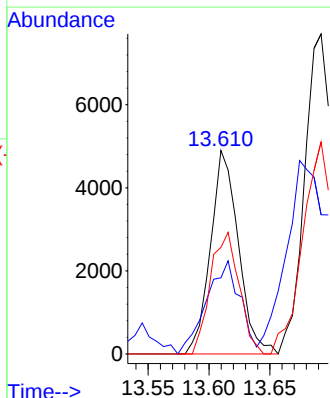
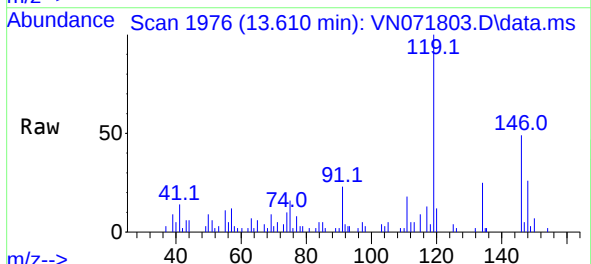
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

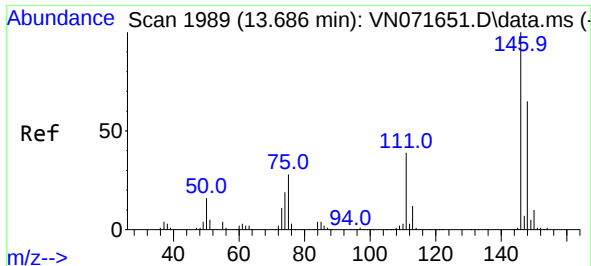
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 15038 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 28.2  | 13.3  | 39.8  |
| 91       | 22.7  | 11.3  | 33.9  |



#87  
1,3-Dichlorobenzene  
Concen: 0.554 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 7808  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 55.2  | 20.0  | 60.0  |
| 148      | 61.4  | 32.0  | 96.0  |

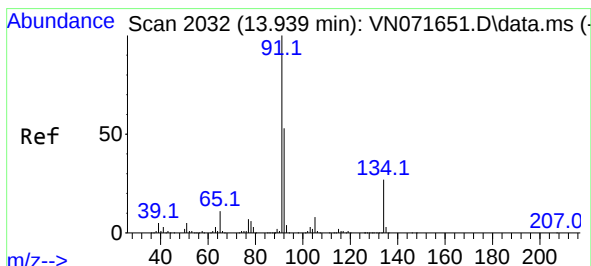
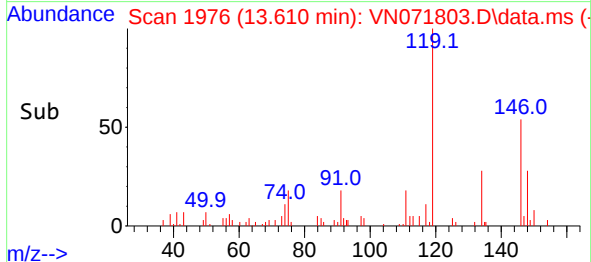
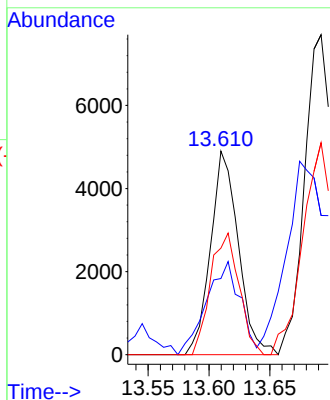
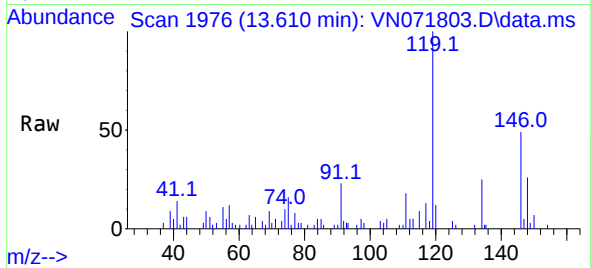




#88  
1,4-Dichlorobenzene  
Concen: 0.568 ug/l  
RT: 13.610 min Scan# 1989  
Delta R.T. -0.076 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

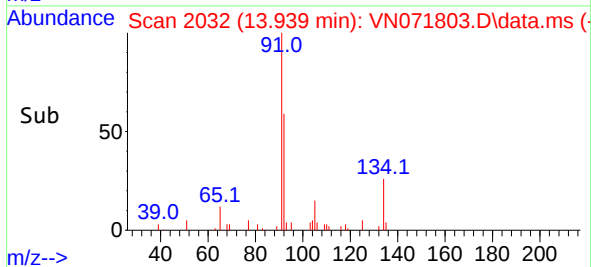
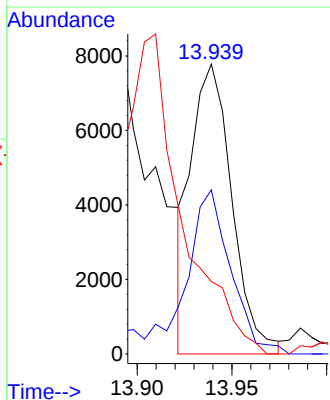
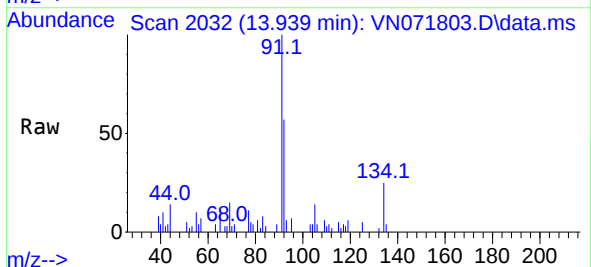
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

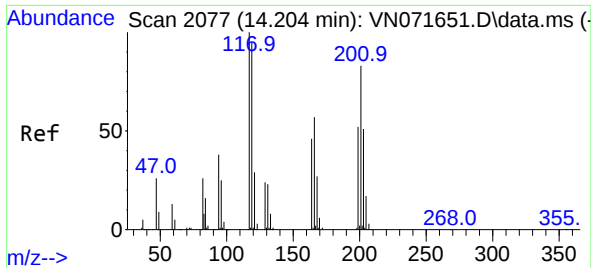
Tgt Ion:146 Resp: 7808  
Ion Ratio Lower Upper  
146 100  
111 55.2 19.1 57.1  
148 61.4 31.4 94.3



#89  
n-Butylbenzene  
Concen: 0.593 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 91 Resp: 11621  
Ion Ratio Lower Upper  
91 100  
92 61.0 26.9 80.7  
134 0.0 13.6 40.8#

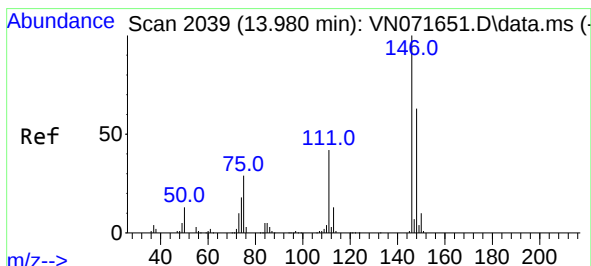
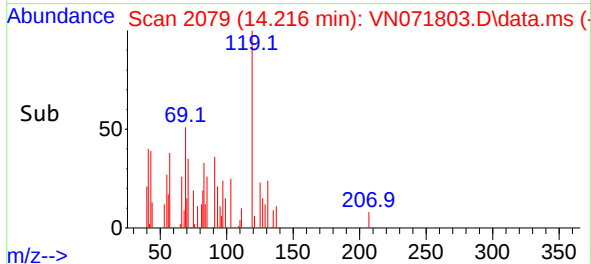
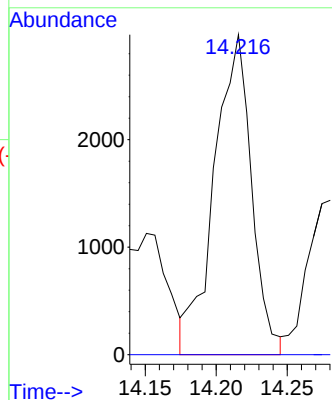
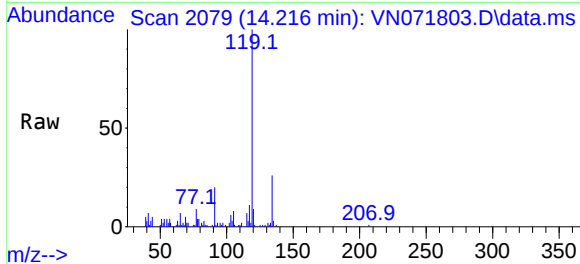




#90  
Hexachloroethane  
Concen: 1.122 ug/l  
RT: 14.216 min Scan# 2079  
Delta R.T. 0.012 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

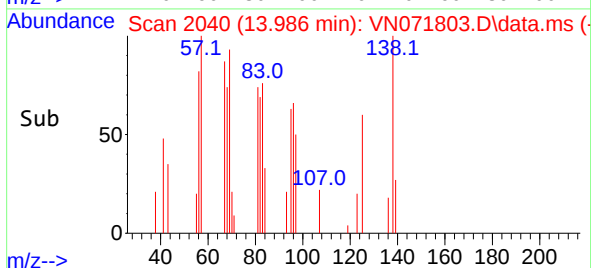
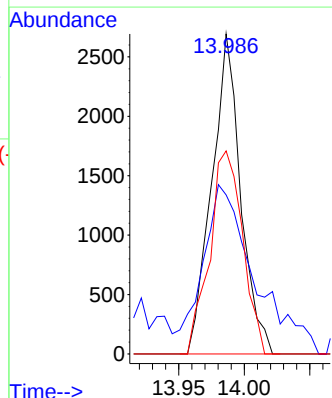
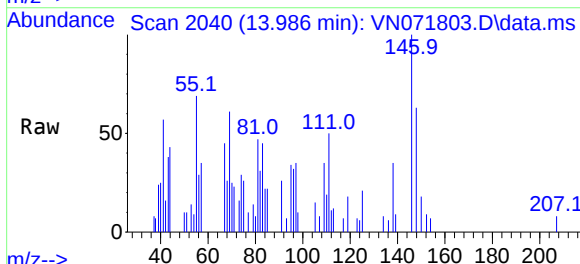
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

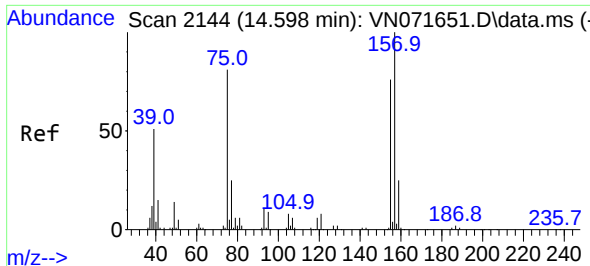
Tgt Ion:117 Resp: 5428  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#91  
1,2-Dichlorobenzene  
Concen: 0.298 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. 0.006 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion:146 Resp: 4126  
Ion Ratio Lower Upper  
146 100  
111 95.3 20.9 62.8#  
148 72.2 32.1 96.3

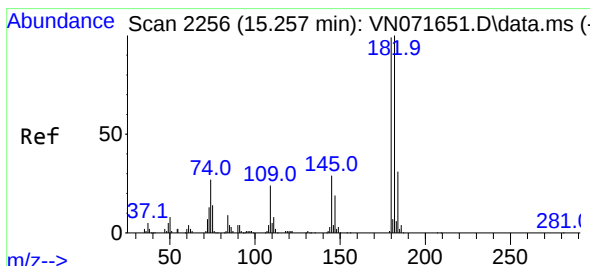
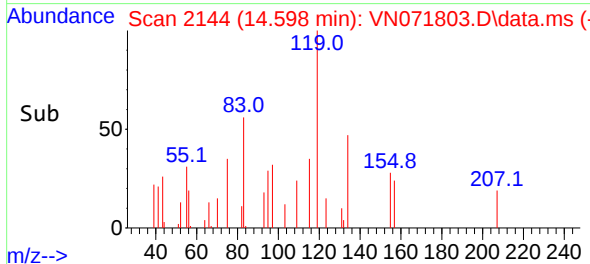
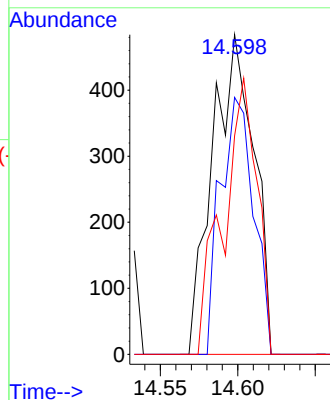
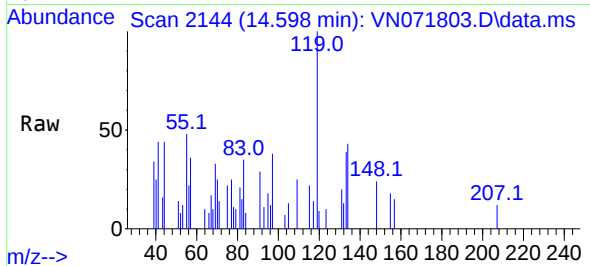




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.492 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

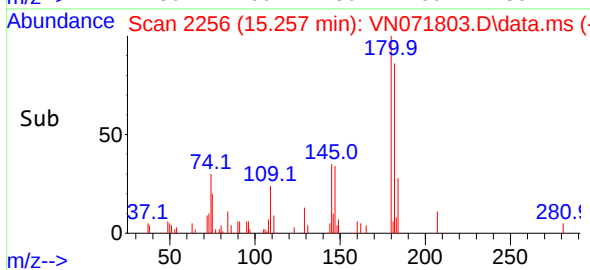
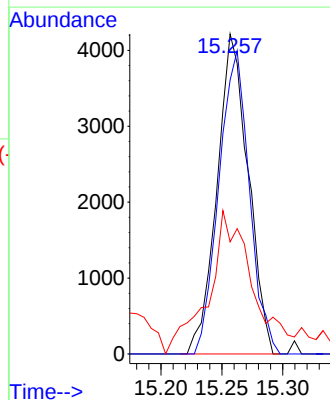
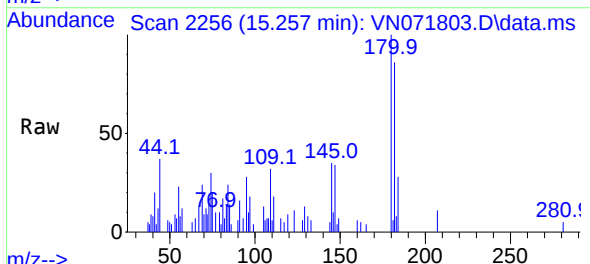
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW-1-20220321-19.0-20.0ME

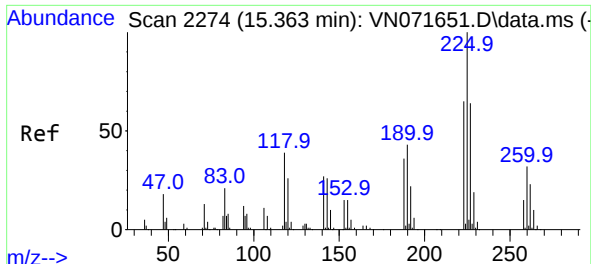
Tgt Ion: 75 Resp: 899  
Ion Ratio Lower Upper  
75 100  
155 64.6 44.9 134.5  
157 70.7 59.0 176.8



#93  
1,2,4-Trichlorobenzene  
Concen: 3.163 ug/l  
RT: 15.257 min Scan# 2256  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

Tgt Ion: 180 Resp: 7498  
Ion Ratio Lower Upper  
180 100  
182 92.7 47.5 142.5  
145 63.4 14.5 43.5#

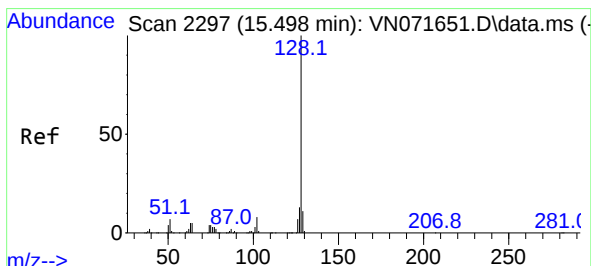
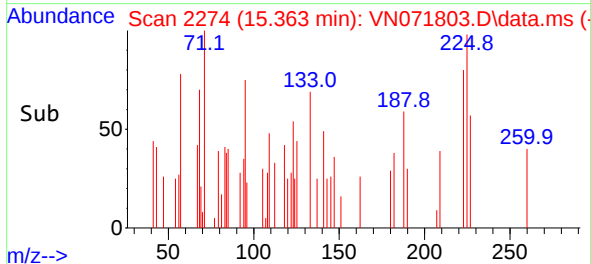
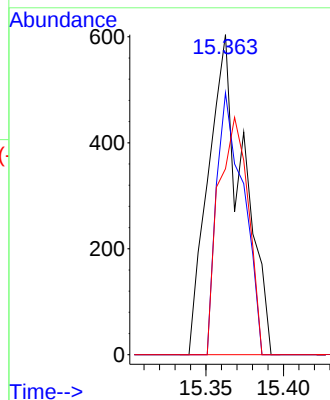
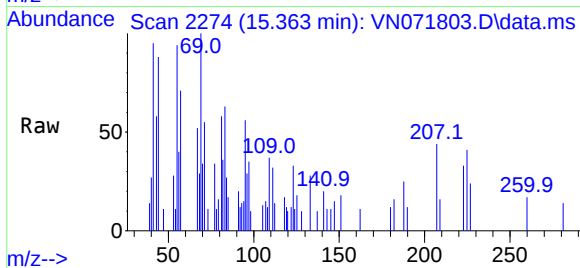




#94  
Hexachlorobutadiene  
Concen: 0.232 ug/l  
RT: 15.363 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

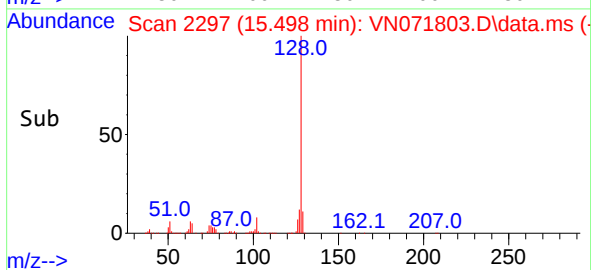
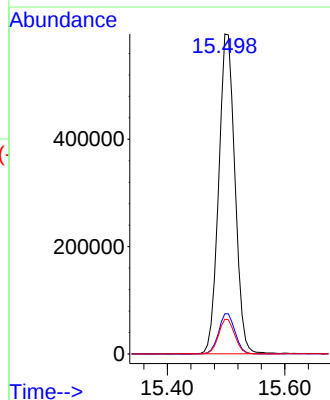
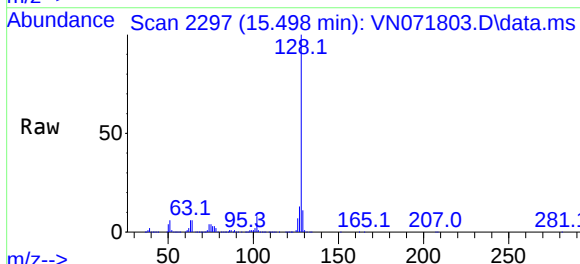
Instrument : MSVOA\_N  
ClientSampleId : RW-1-20220321-19.0-20.0ME

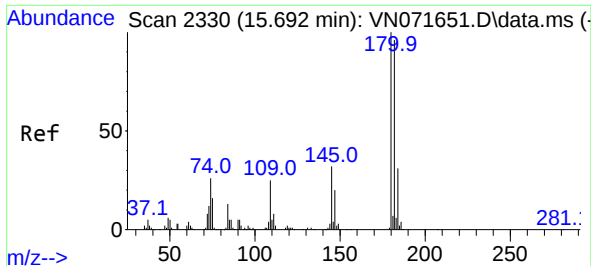
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 947   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.8  | 32.4  | 97.2  |
| 227      | 62.8  | 31.8  | 95.4  |



#95  
Naphthalene  
Concen: 59.244 ug/l  
RT: 15.498 min Scan# 2297  
Delta R.T. -0.000 min  
Lab File: VN071803.D  
Acq: 02 Apr 2022 17:21

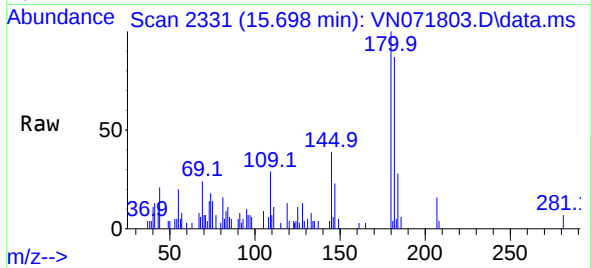
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 128   | Resp: | 1144698 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 127      | 12.8  | 10.3  | 15.5    |
| 129      | 10.8  | 8.6   | 13.0    |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 3.818 ug/l  
 RT: 15.698 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN071803.D  
 Acq: 02 Apr 2022 17:21

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW-1-20220321-19.0-20.0ME



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 9525  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.0  | 47.8  | 143.3 |
| 145      | 51.2  | 15.5  | 46.5# |

