

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032622\  
 Data File : VN071578.D  
 Acq On : 26 Mar 2022 17:26  
 Operator : JC\MD  
 Sample : N2131-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-2

Quant Time: Mar 28 02:19:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 25 09:52:40 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.081  | 168  | 791592   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 1301172  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 1302445  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.669 | 152  | 597778   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 444320   | 45.179   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 90.360%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 367568   | 44.949   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 89.900%  |
| 50) Toluene-d8              | 10.439 | 98    | 1642216  | 49.788   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 99.580%  |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 603919   | 55.879   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 111.760% |

|                               |        |     |          |           |        |     |
|-------------------------------|--------|-----|----------|-----------|--------|-----|
| Target Compounds              |        |     |          | Qvalue    |        |     |
| 3) Chloromethane              | 2.299  | 50  | 2756     | Below Cal | #      | 75  |
| 5) Bromomethane               | 2.869  | 94  | 1639     | 0.279     | ug/l # | 45  |
| 13) Acrolein                  | 4.046  | 56  | 398      | 0.284     | ug/l # | 16  |
| 14) Allyl chloride            | 4.946  | 41  | 3889     | 0.318     | ug/l # | 1   |
| 15) Acrylonitrile             | 5.610  | 53  | 6910     | 1.387     | ug/l # | 35  |
| 16) Acetone                   | 4.293  | 43  | 18428    | 4.571     | ug/l   | 99  |
| 18) Methyl Acetate            | 4.857  | 43  | 6447     | Below Cal | #      | 84  |
| 20) Methylene Chloride        | 5.087  | 84  | 2120     | 0.226     | ug/l # | 32  |
| 25) 2-Butanone                | 7.322  | 43  | 2601     | 0.402     | ug/l # | 45  |
| 26) 2,2-Dichloropropane       | 7.145  | 77  | 3610     | 0.281     | ug/l # | 53  |
| 31) Cyclohexane               | 8.092  | 56  | 159060   | 11.303    | ug/l # | 89  |
| 32) 1,1,1-Trichloroethane     | 8.016  | 97  | 4446     | 0.331     | ug/l # | 49  |
| 36) 1,1-Dichloropropene       | 8.081  | 75  | 55713    | 4.725     | ug/l # | 48  |
| 37) Ethyl Acetate             | 7.322  | 43  | 2601     | 0.202     | ug/l # | 67  |
| 38) Carbon Tetrachloride      | 8.081  | 117 | 72557    | 6.313     | ug/l # | 17  |
| 39) Methylcyclohexane         | 9.457  | 83  | 148723   | 10.282    | ug/l   | 99  |
| 40) Benzene                   | 8.457  | 78  | 196571   | 5.356     | ug/l   | 99  |
| 43) Isopropyl Acetate         | 8.551  | 43  | 37933    | 1.451     | ug/l # | 53  |
| 47) Bromodichloromethane      | 9.739  | 83  | 5059     | 0.417     | ug/l # | 26  |
| 48) Methyl methacrylate       | 9.586  | 41  | 7970     | 0.859     | ug/l # | 24  |
| 52) Toluene                   | 10.504 | 92  | 4907086  | 213.622   | ug/l   | 98  |
| 53) t-1,3-Dichloropropene     | 10.498 | 75  | 56400    | 4.325     | ug/l # | 1   |
| 55) 1,1,2-Trichloroethane     | 10.875 | 97  | 38515    | 4.136     | ug/l # | 19  |
| 56) Ethyl methacrylate        | 10.775 | 69  | 4414     | 0.314     | ug/l # | 12  |
| 58) 2-Chloroethyl Vinyl ether | 9.963  | 63  | 2506     | 19.207    | ug/l # | 44  |
| 59) 2-Hexanone                | 11.086 | 43  | 5343     | 0.576     | ug/l   | 65  |
| 67) Ethyl Benzene             | 11.839 | 91  | 12122983 | 255.545   | ug/l   | 97  |
| 68) m/p-Xylenes               | 11.951 | 106 | 13573287 | 747.750   | ug/l # | 71  |
| 69) o-Xylene                  | 12.275 | 106 | 4335826  | 240.436   | ug/l   | 97  |
| 70) Styrene                   | 12.275 | 104 | 208351   | 7.410     | ug/l # | 1   |
| 71) Bromoform                 | 12.727 | 173 | 3641     | 0.474     | ug/l # | 1   |
| 73) Isopropylbenzene          | 12.575 | 105 | 1188342  | 22.548    | ug/l   | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 12.845 | 83  | 1762     | Below Cal | #      | 25  |
| 76) 1,2,3-Trichloropropane    | 12.916 | 75  | 23324    | 1.750     | ug/l # | 1   |
| 78) n-propylbenzene           | 12.916 | 91  | 3858477  | 68.814    | ug/l   | 100 |
| 79) 2-Chlorotoluene           | 12.980 | 91  | 1004745  | 27.769    | ug/l # | 40  |

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 Operator : JC\MD  
 Sample : N2131-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-2

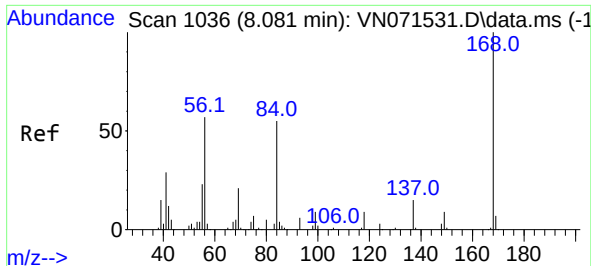
Quant Time: Mar 28 02:19:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 25 09:52:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 4690508  | 112.748 | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.575 | 75   | 13807    | 2.773   | ug/l # | 65       |
| 82) 4-Chlorotoluene           | 13.057 | 91   | 483318   | 14.509  | ug/l # | 40       |
| 83) tert-Butylbenzene         | 13.363 | 119  | 3162155  | 84.202  | ug/l # | 65       |
| 84) 1,2,4-Trimethylbenzene    | 13.357 | 105  | 18013637 | 448.718 | ug/l   | 74       |
| 85) sec-Butylbenzene          | 13.357 | 105  | 18013637 | 361.883 | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 372497   | 9.387   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.869 | 91   | 481433   | 15.842  | ug/l   | 75       |
| 90) Hexachloroethane          | 14.210 | 117  | 278166   | 35.915  | ug/l # | 9        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.574 | 75   | 13964    | 4.481   | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene    | 15.263 | 180  | 2180     | 0.230   | ug/l # | 80       |
| 95) Naphthalene               | 15.498 | 128  | 3925715  | 123.951 | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 2286     | 0.243   | ug/l # | 82       |
| -----                         |        |      |          |         |        |          |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032522W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 25 09:52:40 2022  
Response via : Initial Calibration

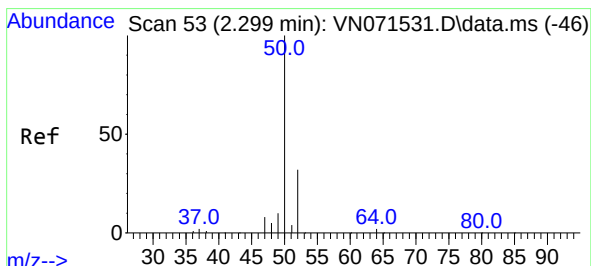
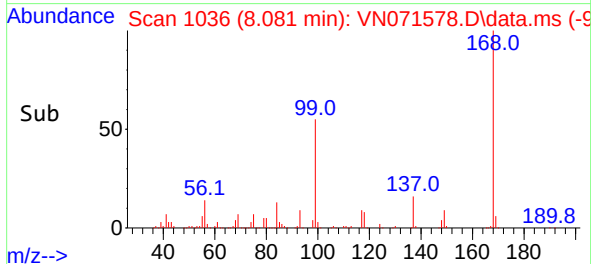
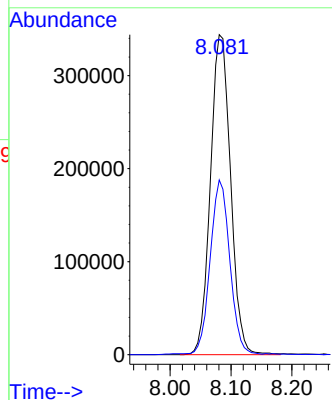
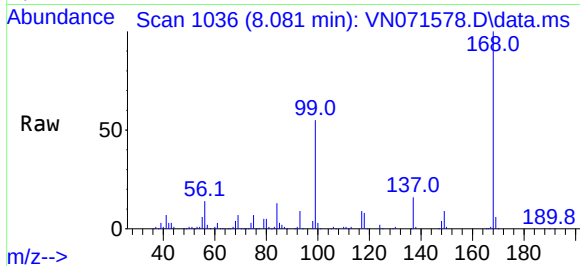




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

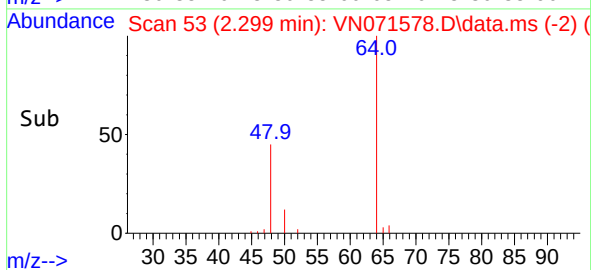
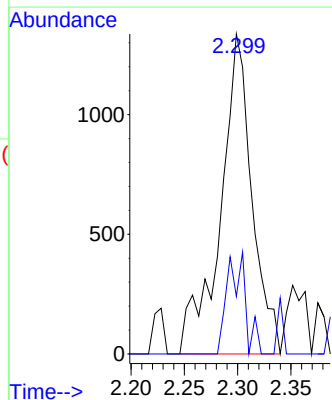
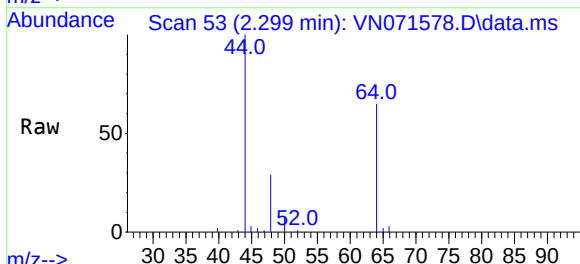
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

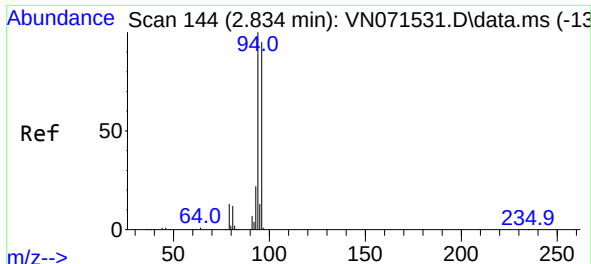
Tgt Ion:168 Resp: 791592  
Ion Ratio Lower Upper  
168 100  
99 54.4 42.3 63.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.299 min Scan# 53  
Delta R.T. -0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 50 Resp: 2756  
Ion Ratio Lower Upper  
50 100  
52 18.0 25.7 38.5#

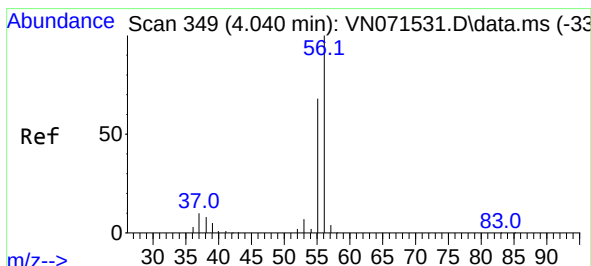
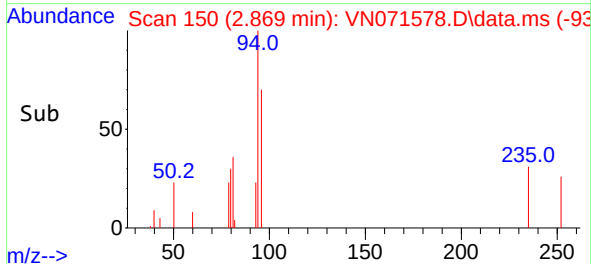
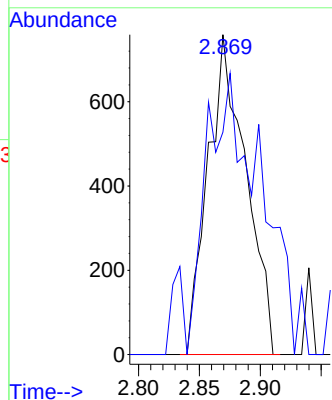
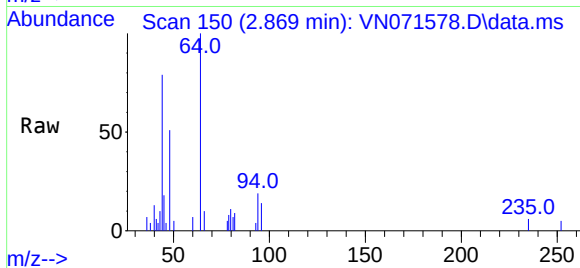




#5  
Bromomethane  
Concen: 0.279 ug/l  
RT: 2.869 min Scan# 11  
Delta R.T. 0.035 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

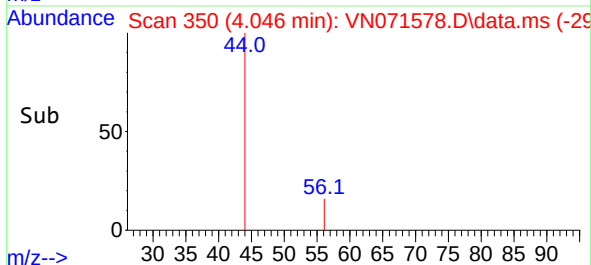
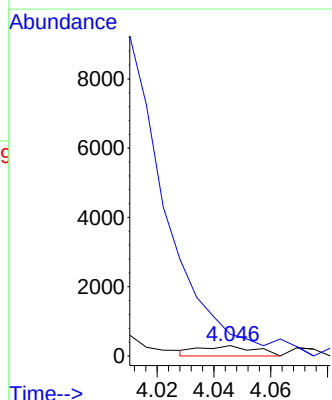
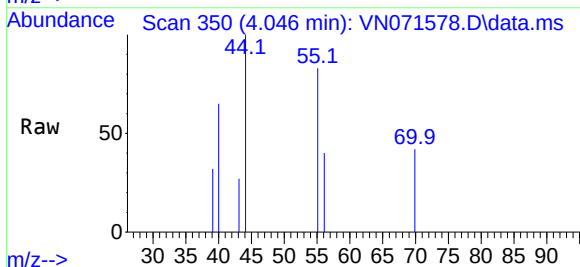
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

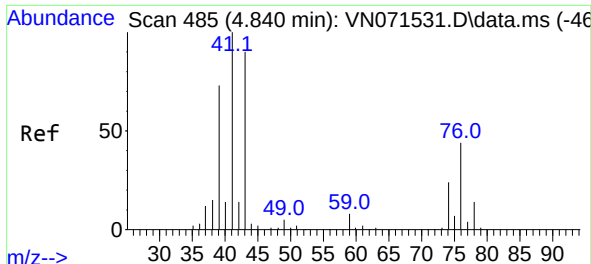
Tgt Ion: 94 Resp: 1639  
Ion Ratio Lower Upper  
94 100  
96 42.0 76.0 114.0#



#13  
Acrolein  
Concen: 0.284 ug/l  
RT: 4.046 min Scan# 350  
Delta R.T. 0.006 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 56 Resp: 398  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.8 82.2#

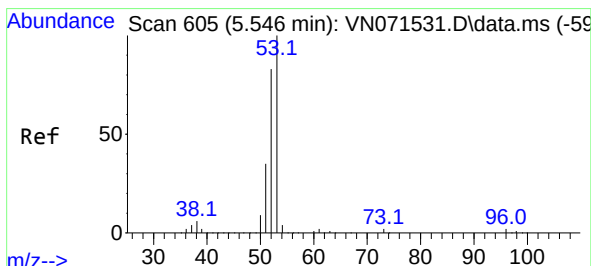
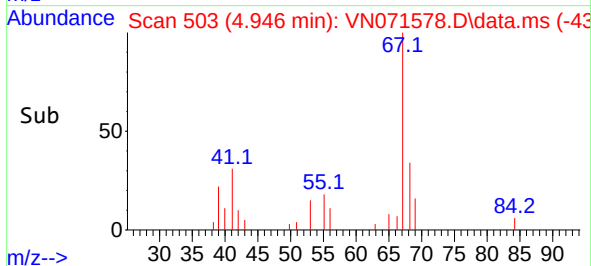
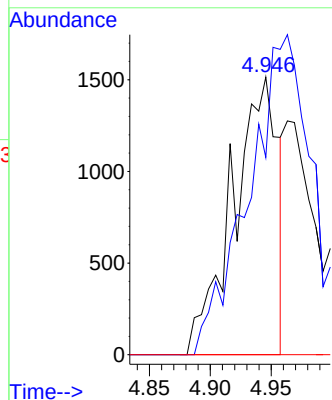
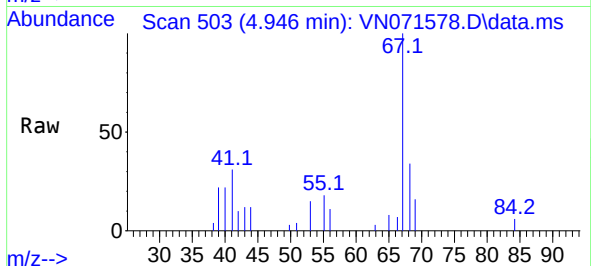




#14  
 Allyl chloride  
 Concen: 0.318 ug/l  
 RT: 4.946 min Scan# 503  
 Delta R.T. 0.106 min  
 Lab File: VN071578.D  
 Acq: 26 Mar 2022 17:26

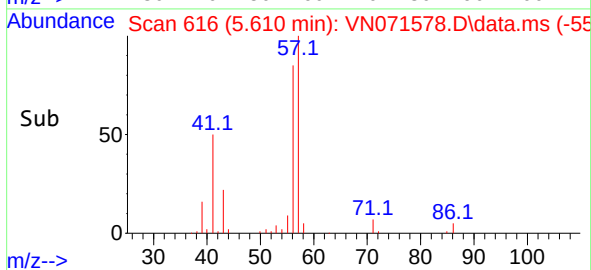
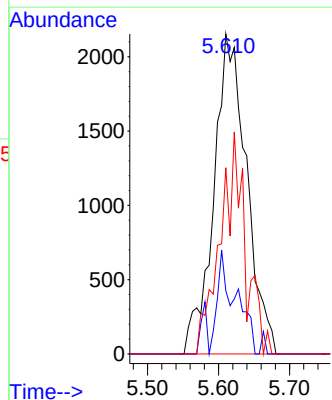
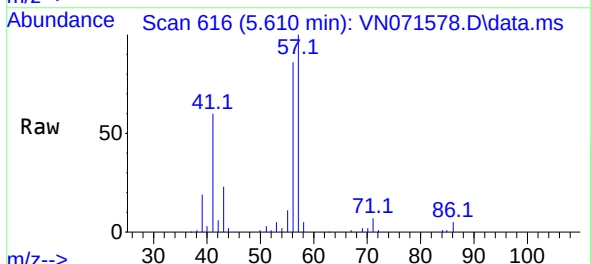
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-2

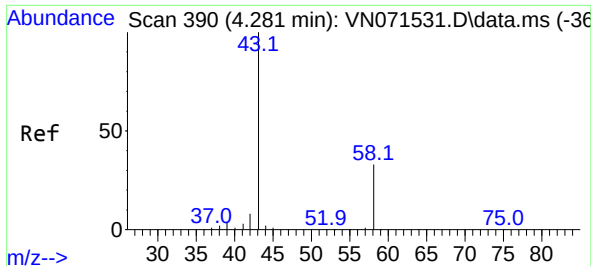
Tgt Ion: 41 Resp: 3889  
 Ion Ratio Lower Upper  
 41 100  
 39 162.0 53.2 79.8#  
 76 0.0 29.9 44.9#



#15  
 Acrylonitrile  
 Concen: 1.387 ug/l  
 RT: 5.610 min Scan# 616  
 Delta R.T. 0.064 min  
 Lab File: VN071578.D  
 Acq: 26 Mar 2022 17:26

Tgt Ion: 53 Resp: 6910  
 Ion Ratio Lower Upper  
 53 100  
 52 10.1 66.4 99.6#  
 51 52.9 28.5 42.7#

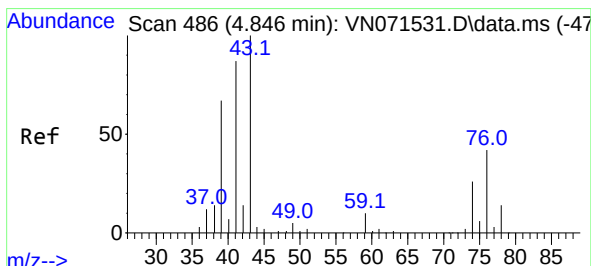
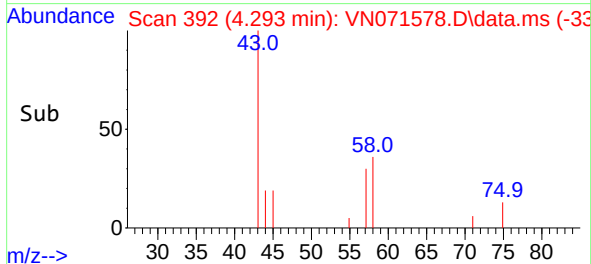
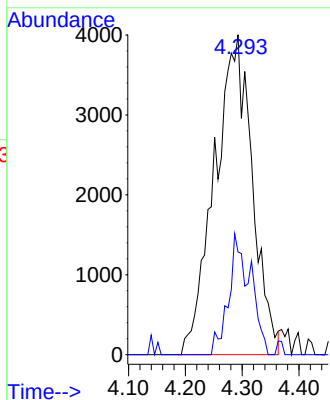
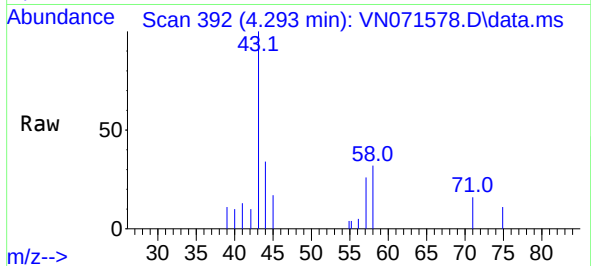




#16  
Acetone  
Concen: 4.571 ug/l  
RT: 4.293 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

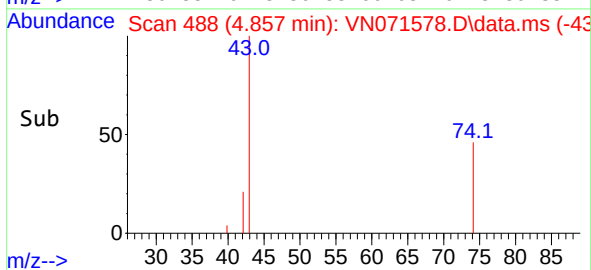
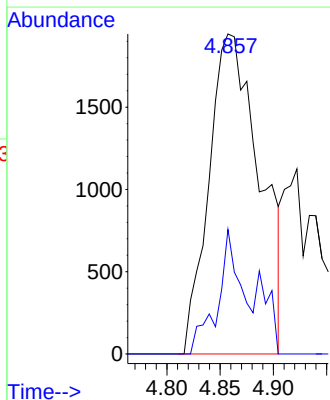
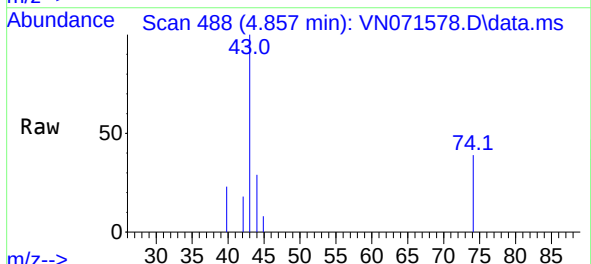
Instrument :  
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ClientSampleId :  
MW-2

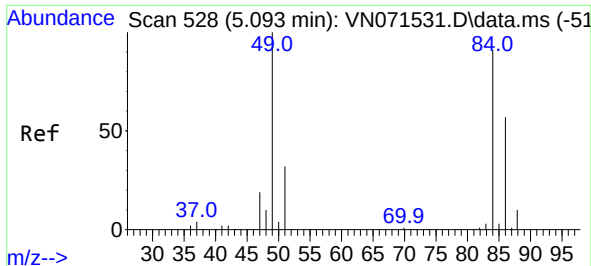
Tgt Ion: 43 Resp: 18428  
Ion Ratio Lower Upper  
43 100  
58 32.1 26.0 39.0



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.857 min Scan# 488  
Delta R.T. 0.011 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 43 Resp: 6447  
Ion Ratio Lower Upper  
43 100  
74 18.5 21.6 32.4#

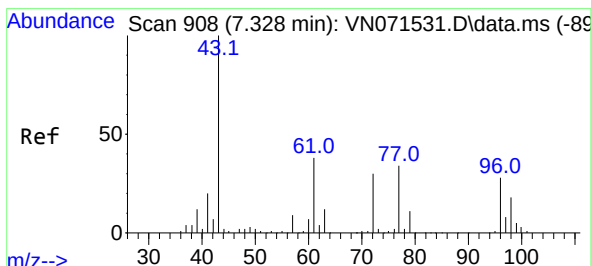
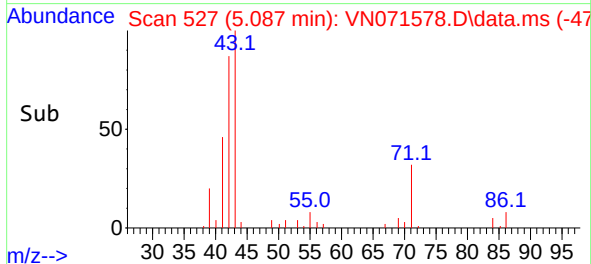
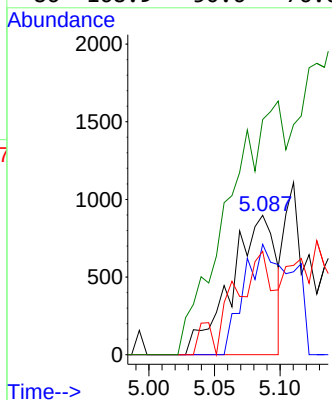
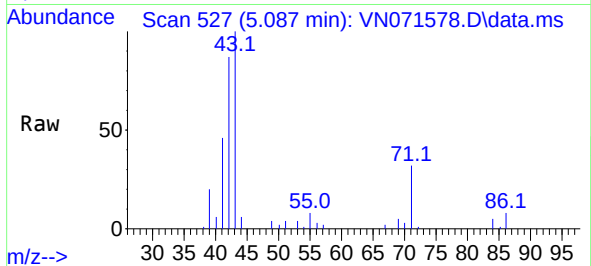




#20  
Methylene Chloride  
Concen: 0.226 ug/l  
RT: 5.087 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

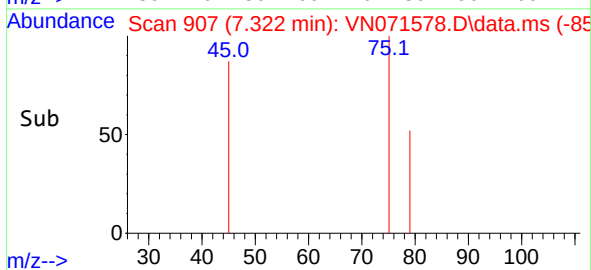
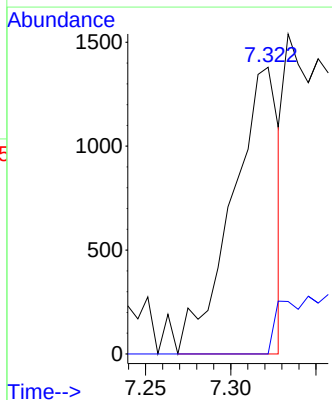
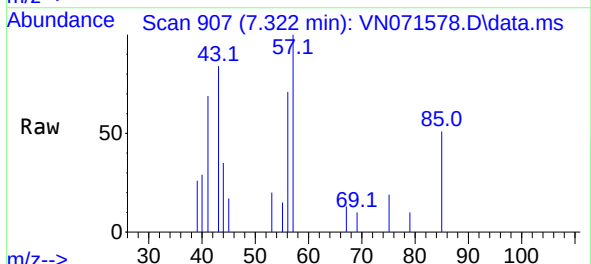
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 2120   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 79.3  | 88.3  | 132.5# |
| 51       | 74.2  | 28.2  | 42.2#  |
| 86       | 168.9 | 50.6  | 76.0#  |

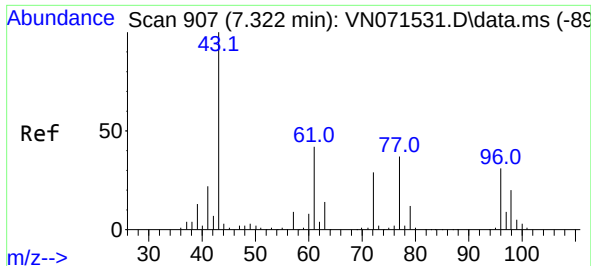


#25  
2-Butanone  
Concen: 0.402 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2601  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 0.0   | 23.7  | 35.5# |







#26

2,2-Dichloropropane

Concen: 0.281 ug/l

RT: 7.145 min Scan# 81

Delta R.T. -0.176 min

Lab File: VN071578.D

Acq: 26 Mar 2022 17:26

Instrument :

MSVOA\_N

ClientSampleId :

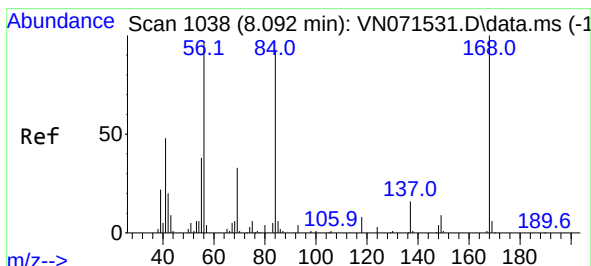
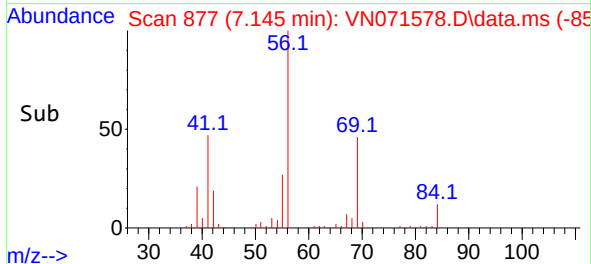
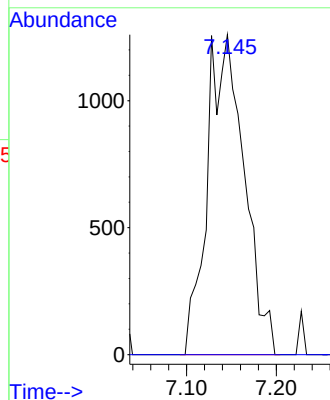
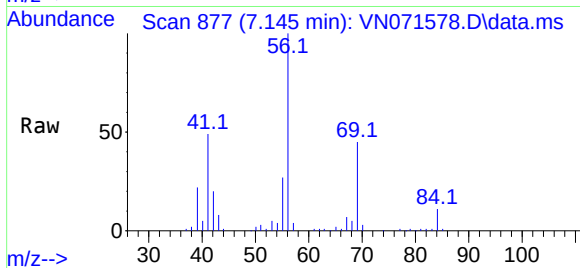
MW-2

Tgt Ion: 77 Resp: 3610

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 11.303 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071578.D

Acq: 26 Mar 2022 17:26

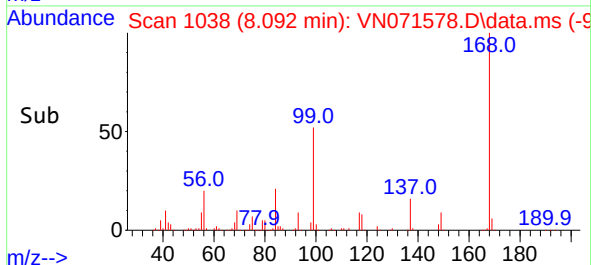
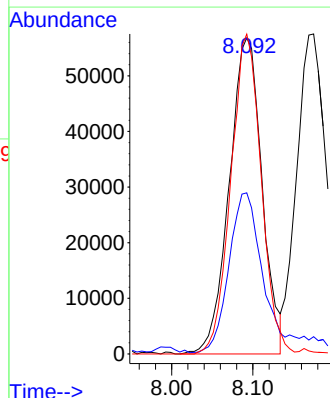
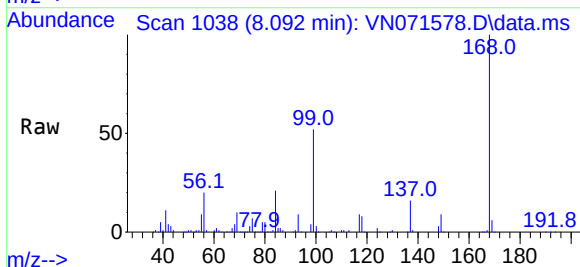
Tgt Ion: 56 Resp: 159060

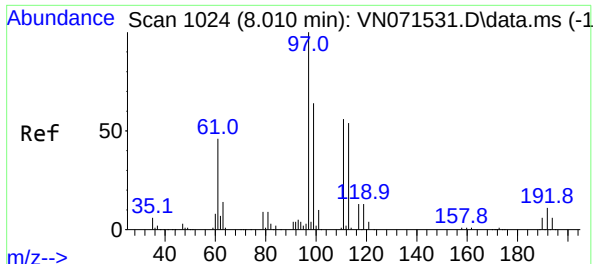
Ion Ratio Lower Upper

56 100

69 50.4 27.8 41.8#

84 101.3 76.9 115.3

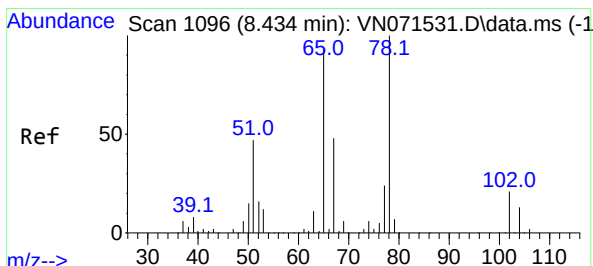
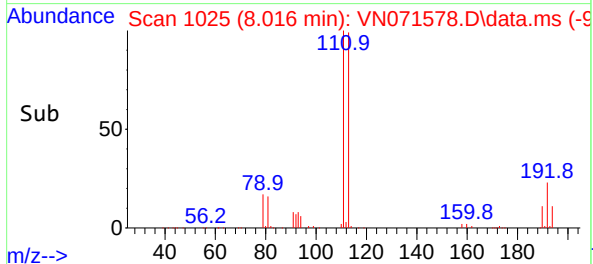
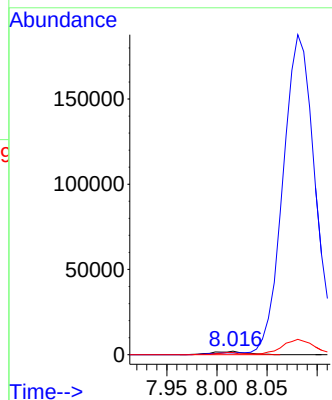
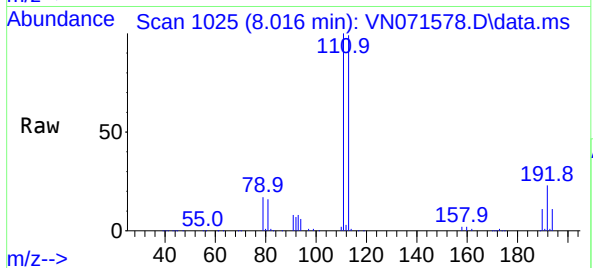




#32  
1,1,1-Trichloroethane  
Concen: 0.331 ug/l  
RT: 8.016 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

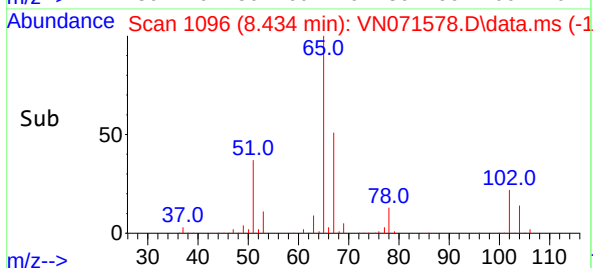
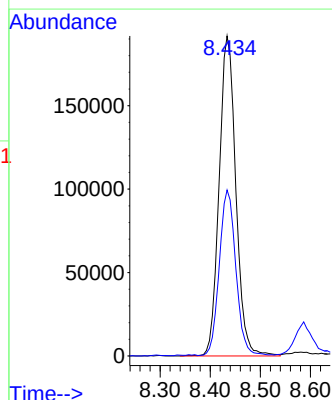
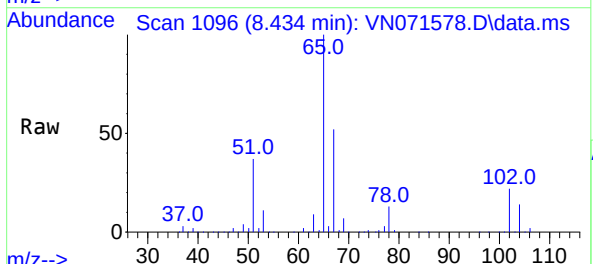
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

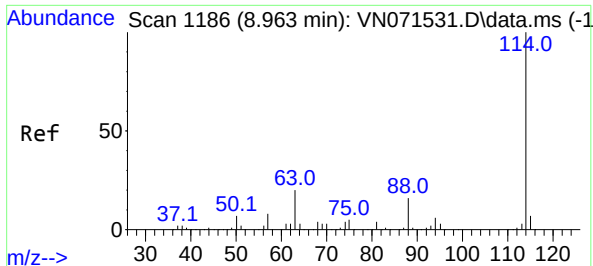
Tgt Ion: 97 Resp: 4446  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.6 76.0#  
61 50.6 36.0 54.0



#33  
1,2-Dichloroethane-d4  
Concen: 45.179 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 65 Resp: 444320  
Ion Ratio Lower Upper  
65 100  
67 50.9 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: VN071578.D

Acq: 26 Mar 2022 17:26

Instrument :

MSVOA\_N

ClientSampleId :

MW-2

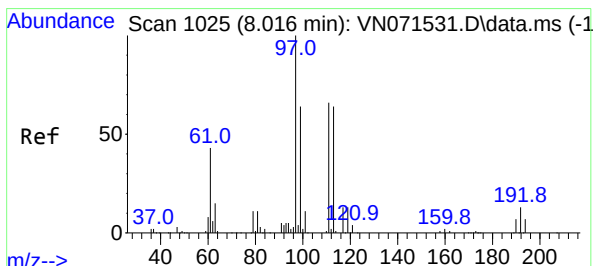
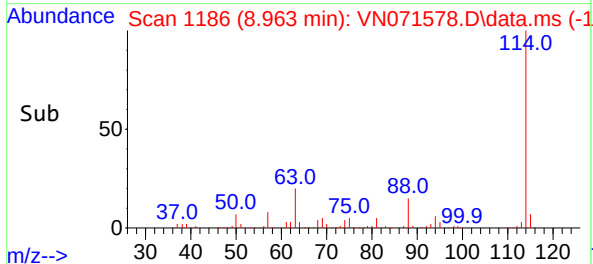
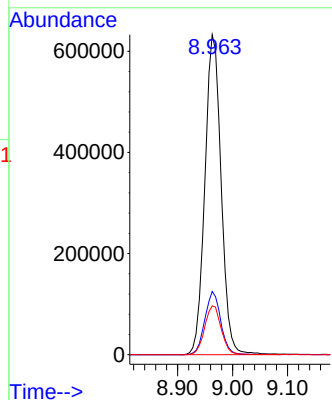
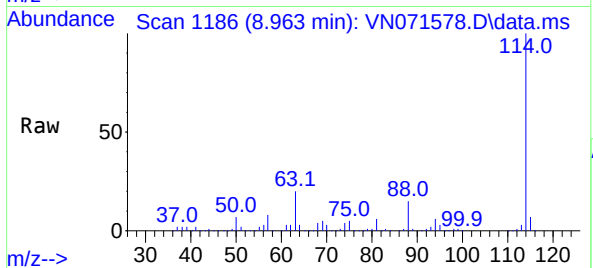
Tgt Ion:114 Resp: 1301172

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 44.949 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071578.D

Acq: 26 Mar 2022 17:26

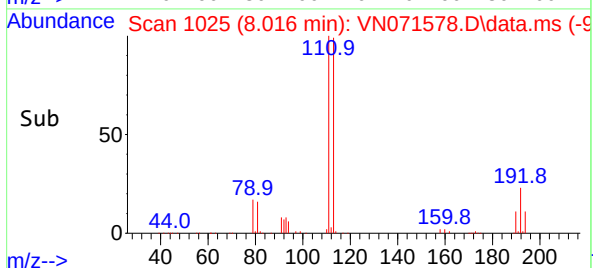
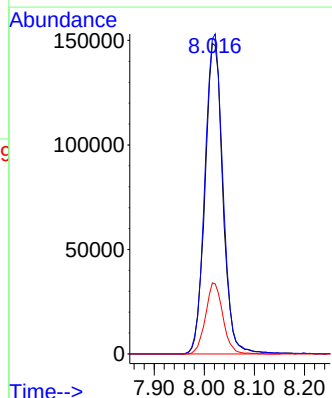
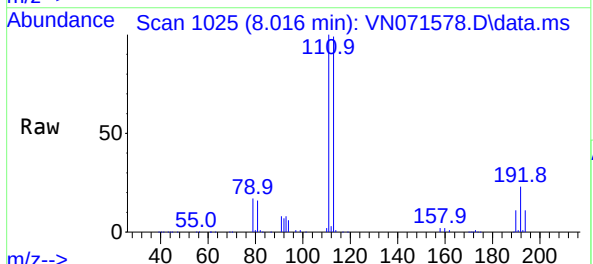
Tgt Ion:113 Resp: 367568

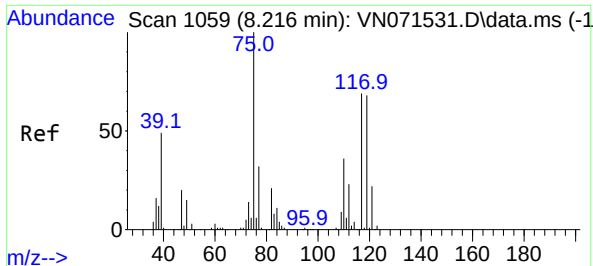
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 22.3 17.0 25.6

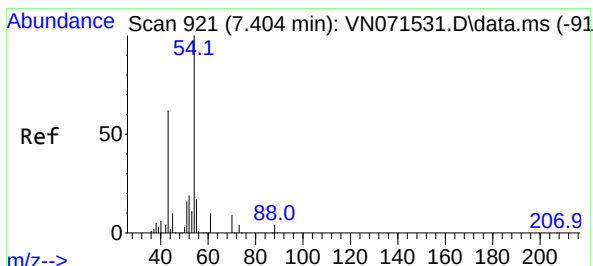
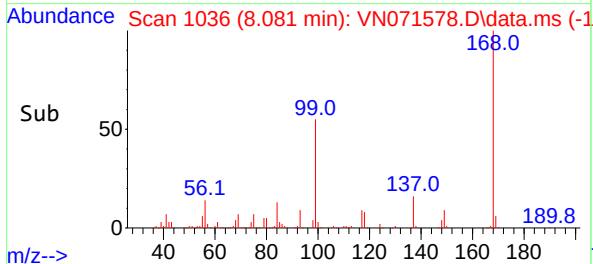
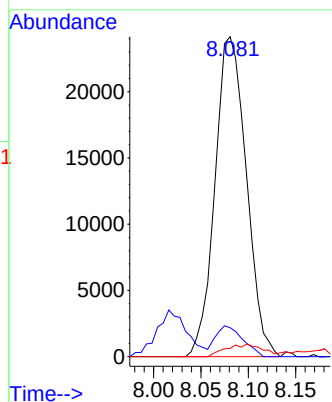
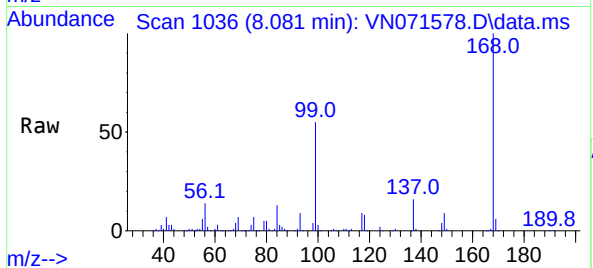




#36  
1,1-Dichloropropene  
Concen: 4.725 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.135 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

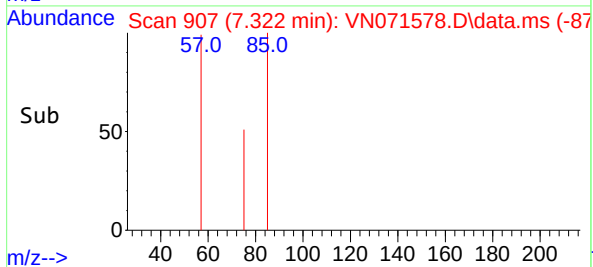
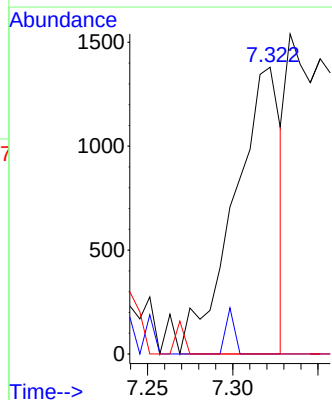
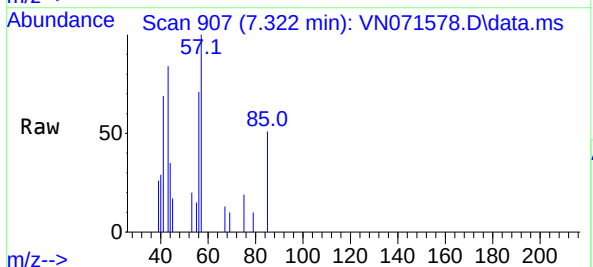
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

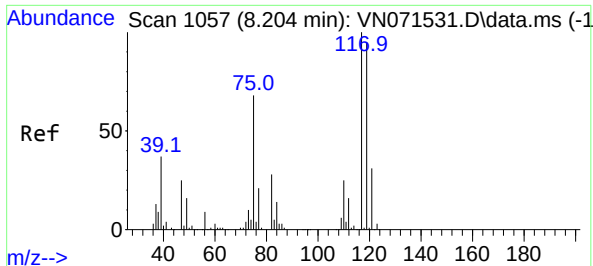
Tgt Ion: 75 Resp: 55713  
Ion Ratio Lower Upper  
75 100  
110 8.3 18.3 54.8#  
77 0.0 25.1 37.7#



#37  
Ethyl Acetate  
Concen: 0.202 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. -0.082 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 43 Resp: 2601  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.8 17.6#  
70 0.0 9.3 13.9#

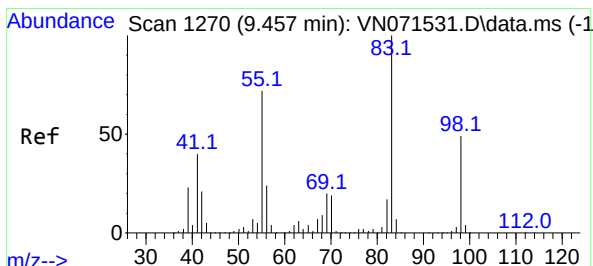
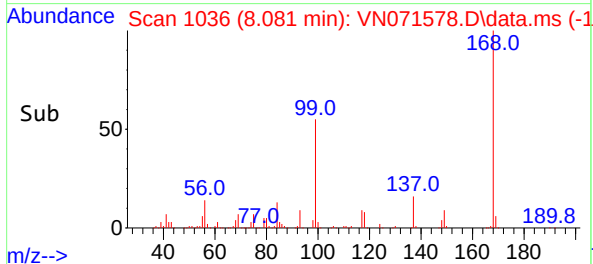
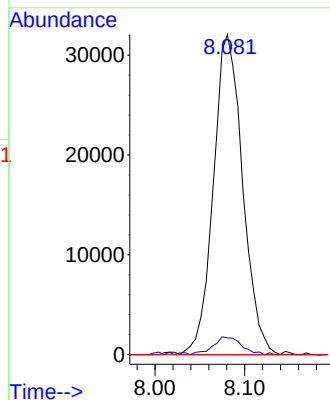
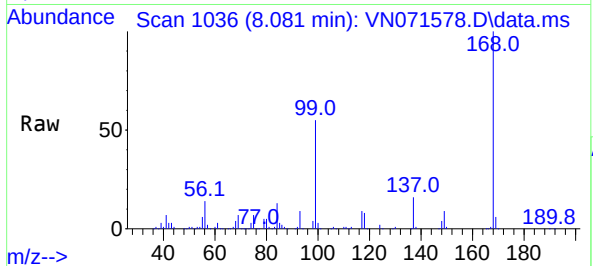




#38  
Carbon Tetrachloride  
Concen: 6.313 ug/l  
RT: 8.081 min Scan# 1057  
Delta R.T. -0.123 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

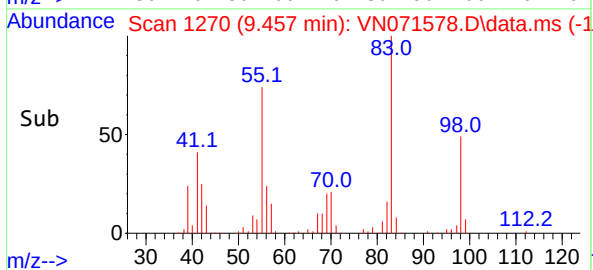
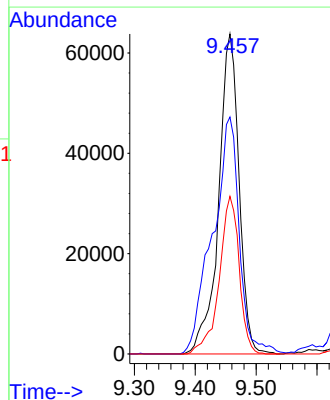
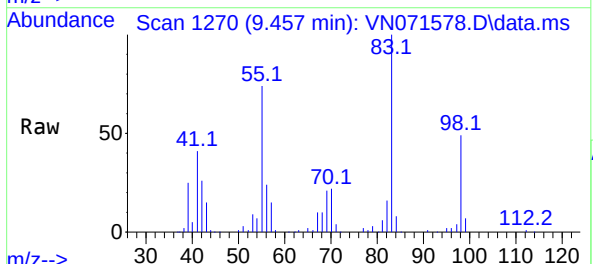
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

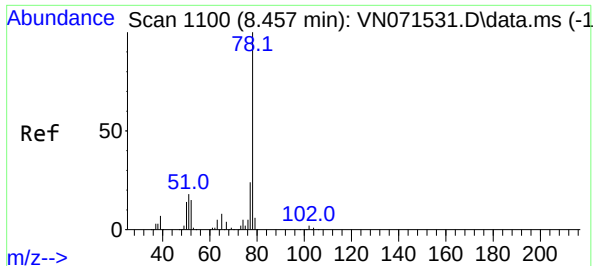
Tgt Ion:117 Resp: 72557  
Ion Ratio Lower Upper  
117 100  
119 5.2 75.8 113.8#  
121 0.0 24.6 37.0#



#39  
Methylcyclohexane  
Concen: 10.282 ug/l  
RT: 9.457 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 83 Resp: 148723  
Ion Ratio Lower Upper  
83 100  
55 74.0 57.8 86.8  
98 49.2 39.4 59.2

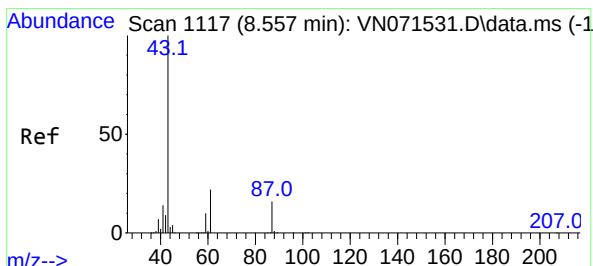
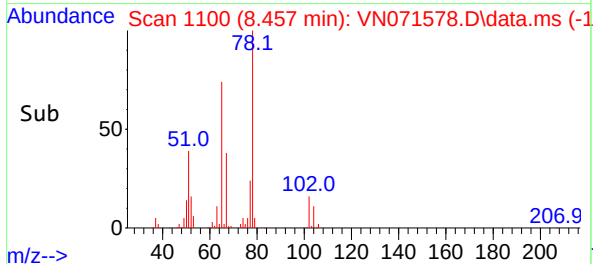
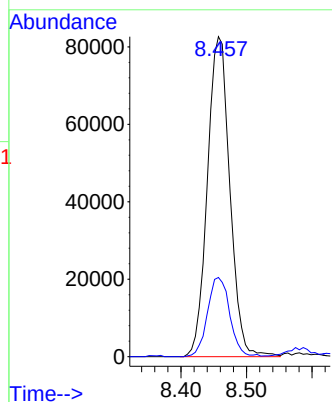
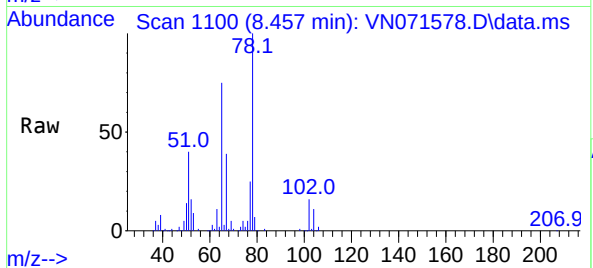




#40  
Benzene  
Concen: 5.356 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

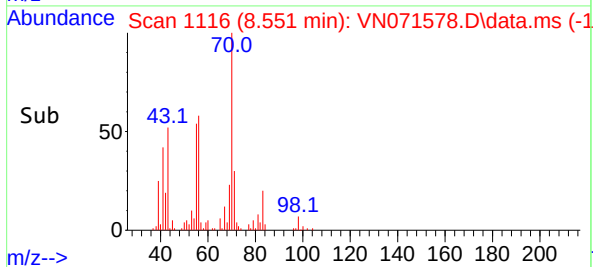
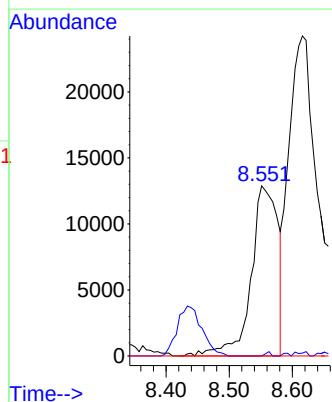
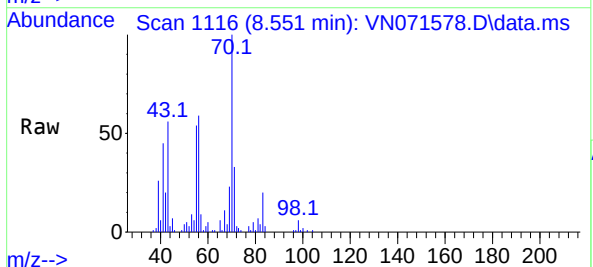
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

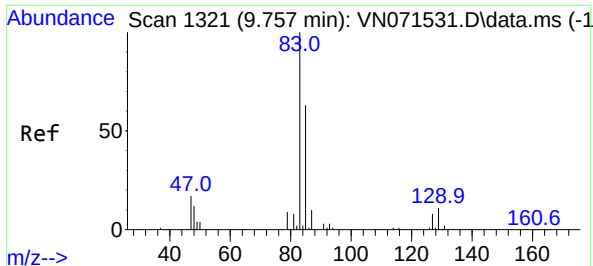
Tgt Ion: 78 Resp: 196571  
Ion Ratio Lower Upper  
78 100  
77 24.8 19.4 29.0



#43  
Isopropyl Acetate  
Concen: 1.451 ug/l  
RT: 8.551 min Scan# 1116  
Delta R.T. -0.006 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 43 Resp: 37933  
Ion Ratio Lower Upper  
43 100  
61 0.0 21.9 32.9#  
87 0.0 12.0 18.0#

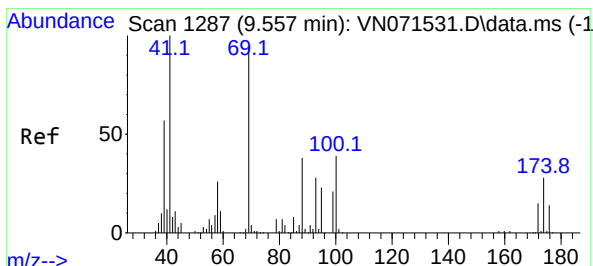
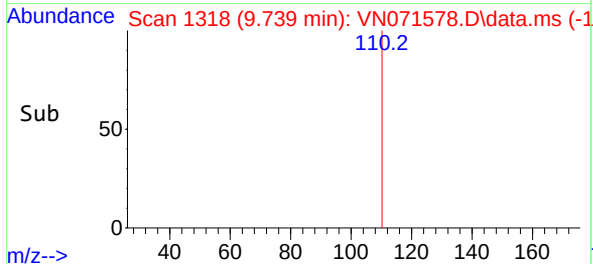
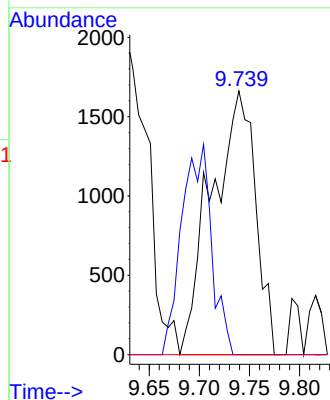
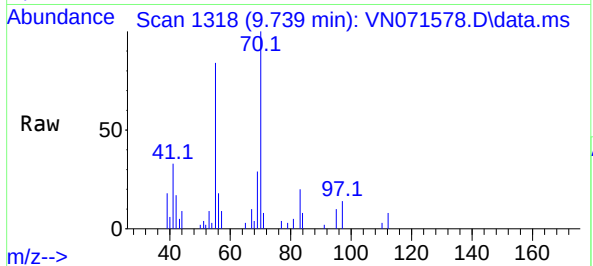




#47  
Bromodichloromethane  
Concen: 0.417 ug/l  
RT: 9.739 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

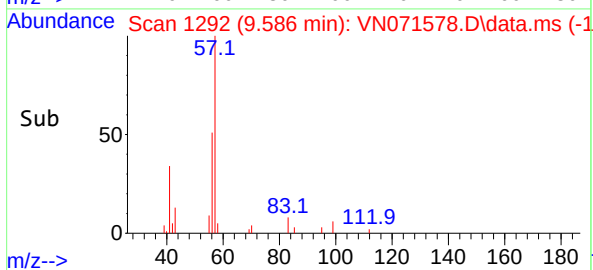
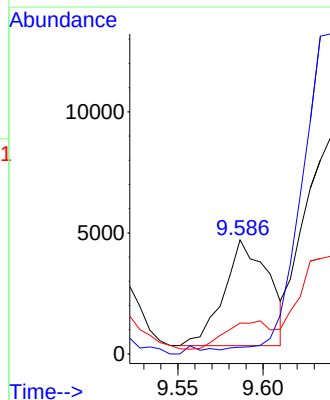
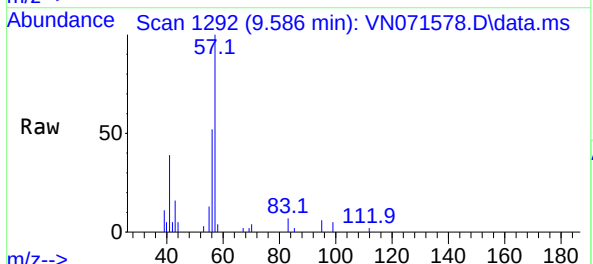
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

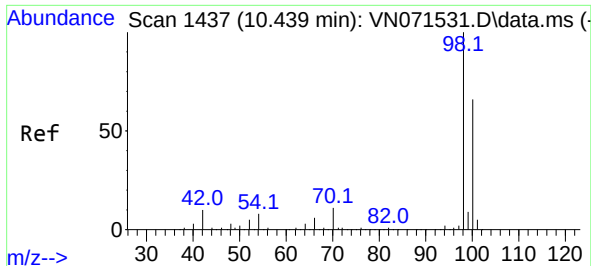
Tgt Ion: 83 Resp: 5059  
Ion Ratio Lower Upper  
83 100  
85 0.0 50.5 75.7#  
127 0.0 6.8 10.2#



#48  
Methyl methacrylate  
Concen: 0.859 ug/l  
RT: 9.586 min Scan# 1292  
Delta R.T. 0.029 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 41 Resp: 7970  
Ion Ratio Lower Upper  
41 100  
69 0.0 74.7 112.1#  
39 25.8 45.6 68.4#

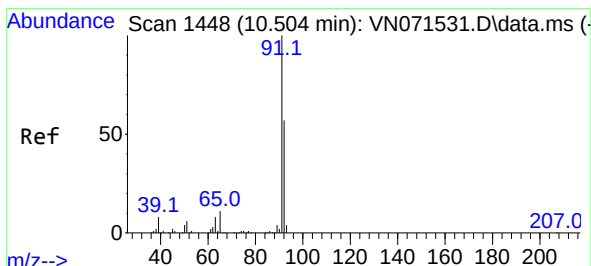
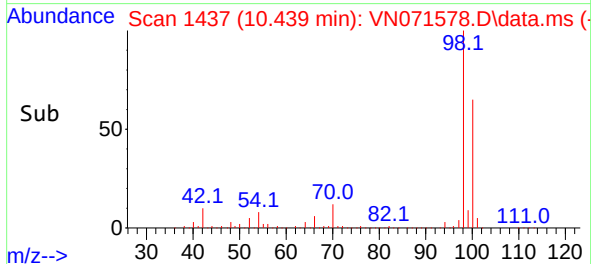
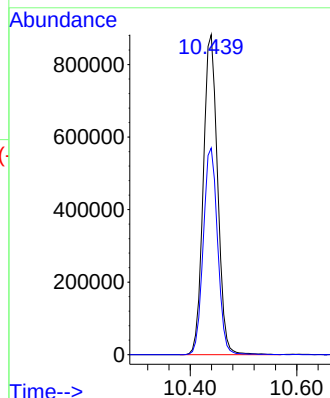
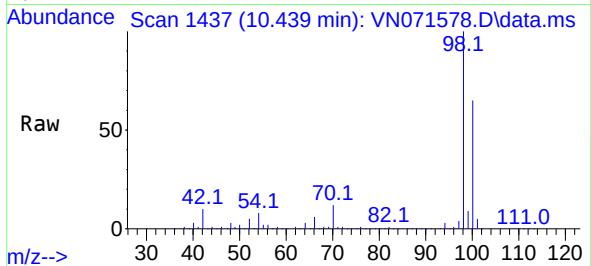




#50  
Toluene-d8  
Concen: 49.788 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

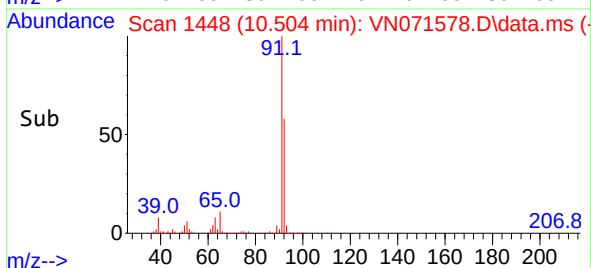
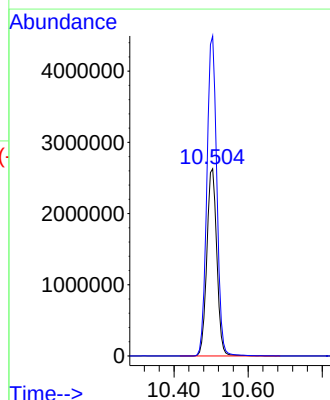
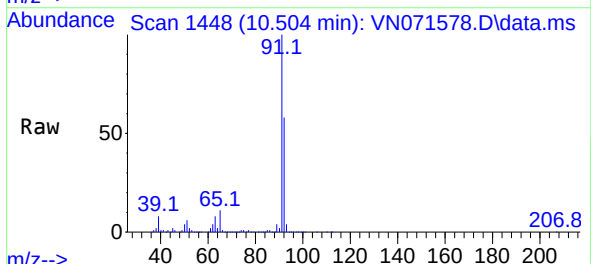
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

Tgt Ion: 98 Resp: 1642216  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.6 78.8

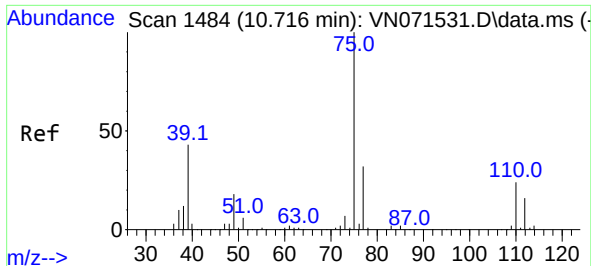


#52  
Toluene  
Concen: 213.622 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 92 Resp: 4907086  
Ion Ratio Lower Upper  
92 100  
91 170.7 138.6 207.8



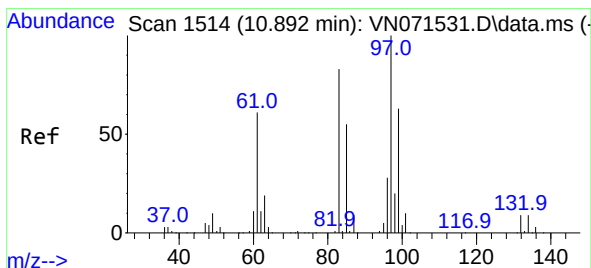
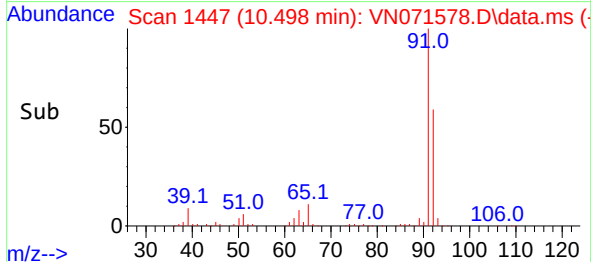
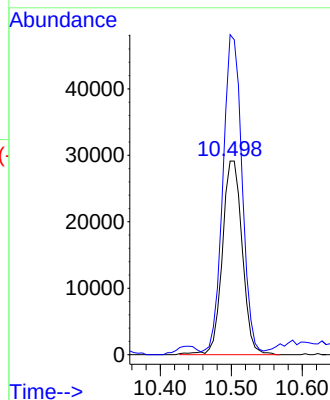
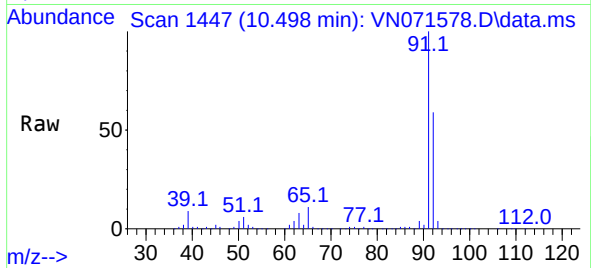




#53  
t-1,3-Dichloropropene  
Concen: 4.325 ug/l  
RT: 10.498 min Scan# 1484  
Delta R.T. -0.218 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

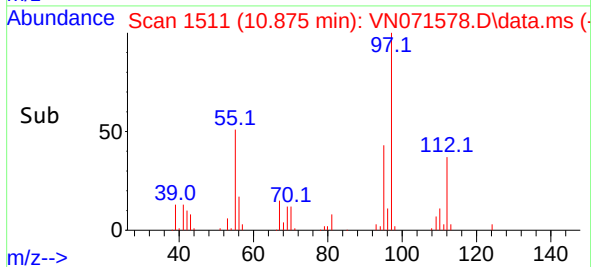
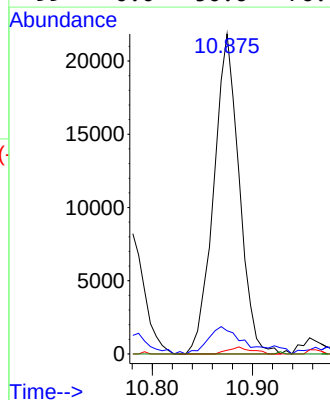
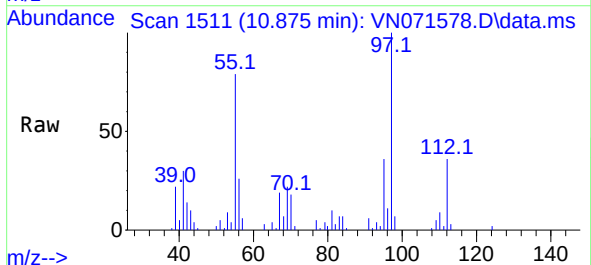
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

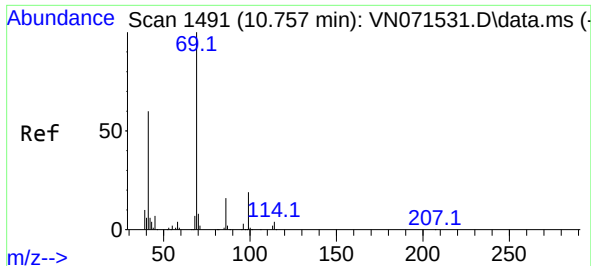
Tgt Ion: 75 Resp: 56400  
Ion Ratio Lower Upper  
75 100  
77 161.5 25.6 38.4#



#55  
1,1,2-Trichloroethane  
Concen: 4.136 ug/l  
RT: 10.875 min Scan# 1511  
Delta R.T. -0.018 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 97 Resp: 38515  
Ion Ratio Lower Upper  
97 100  
83 6.5 66.2 99.4#  
85 1.1 43.9 65.9#  
99 0.0 50.6 76.0#

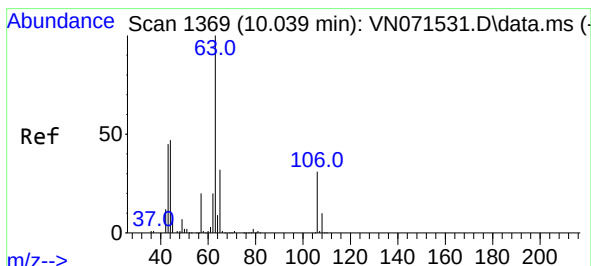
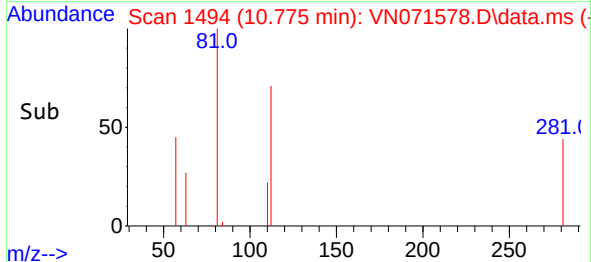
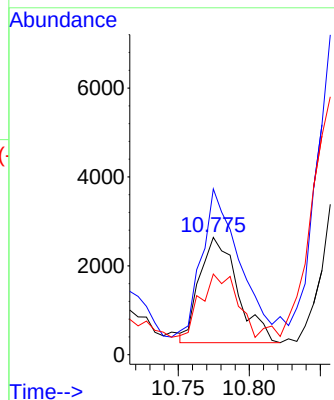
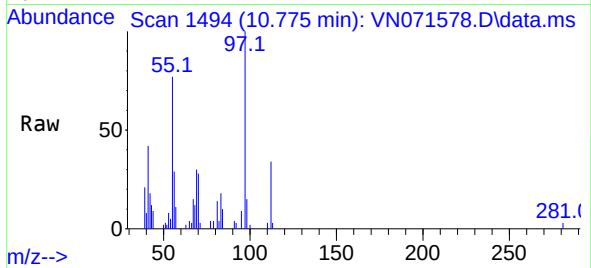




#56  
Ethyl methacrylate  
Concen: 0.314 ug/l  
RT: 10.775 min Scan# 1491  
Delta R.T. 0.018 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

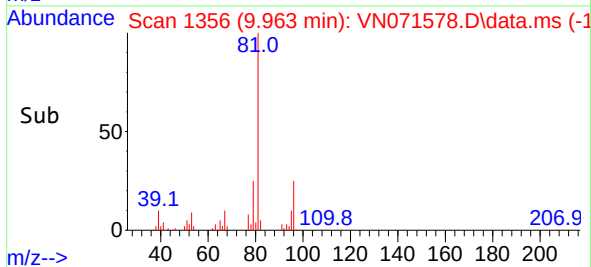
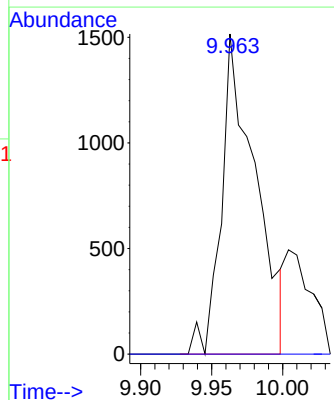
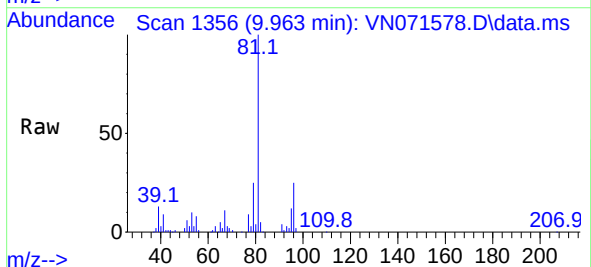
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MSVOA\_N  
ClientSampleId :  
MW-2

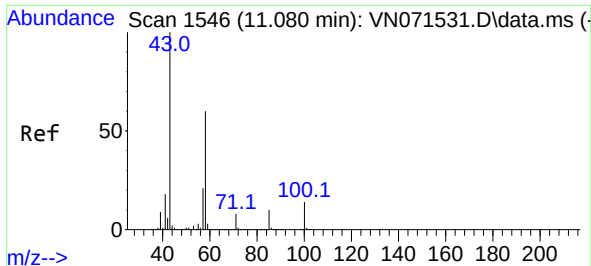
Tgt Ion: 69 Resp: 4414  
Ion Ratio Lower Upper  
69 100  
41 137.8 47.8 71.6#  
39 0.0 27.3 40.9#



#58  
2-Chloroethyl Vinyl ether  
Concen: 19.207 ug/l  
RT: 9.963 min Scan# 1356  
Delta R.T. -0.076 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 63 Resp: 2506  
Ion Ratio Lower Upper  
63 100  
106 0.0 24.6 36.8#

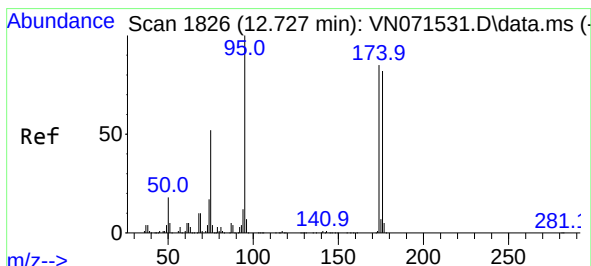
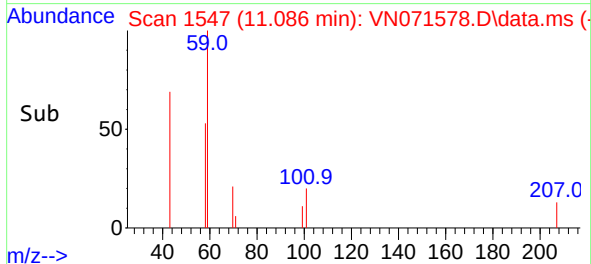
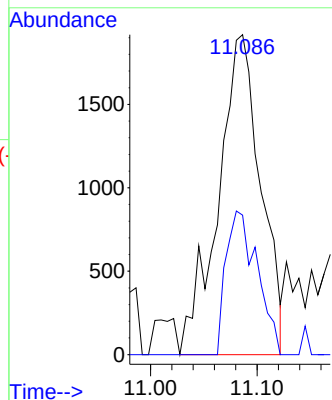
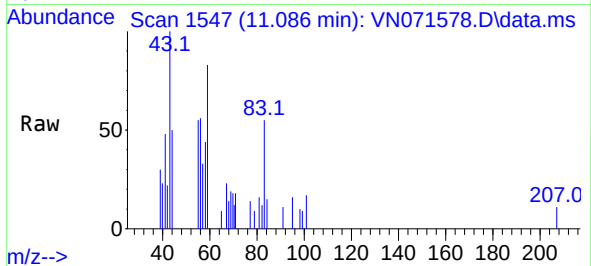




#59  
2-Hexanone  
Concen: 0.576 ug/l  
RT: 11.086 min Scan# 11086  
Delta R.T. 0.006 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

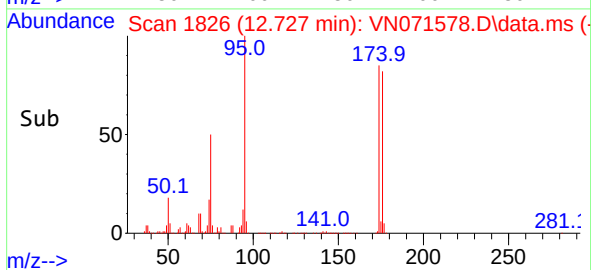
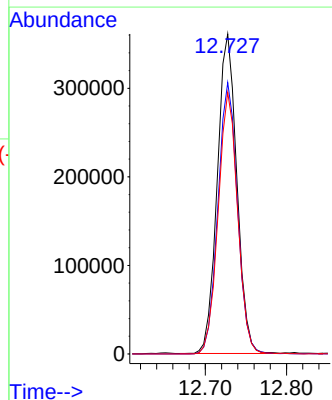
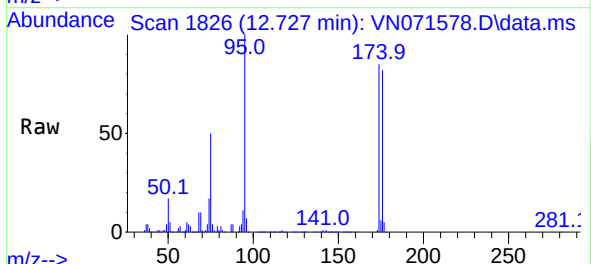
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

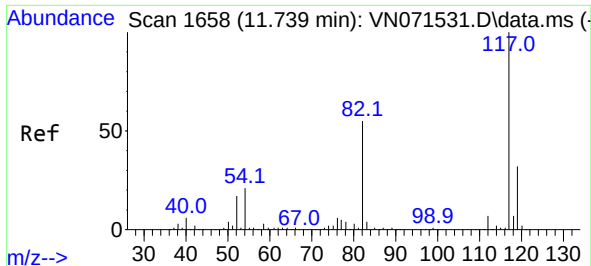
Tgt Ion: 43 Resp: 5343  
Ion Ratio Lower Upper  
43 100  
58 32.7 29.7 89.1



#62  
4-Bromofluorobenzene  
Concen: 55.879 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 95 Resp: 603919  
Ion Ratio Lower Upper  
95 100  
174 84.9 0.0 167.6  
176 81.5 0.0 163.4

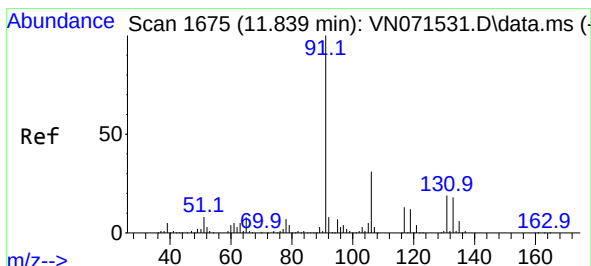
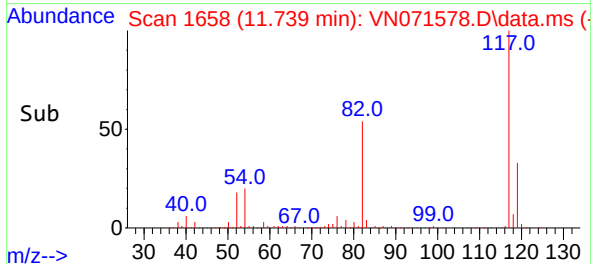
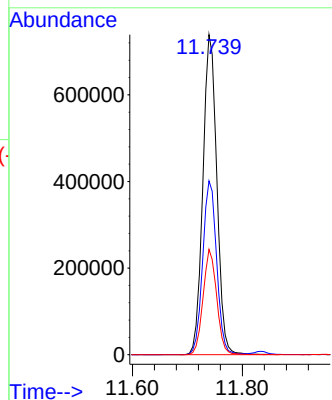
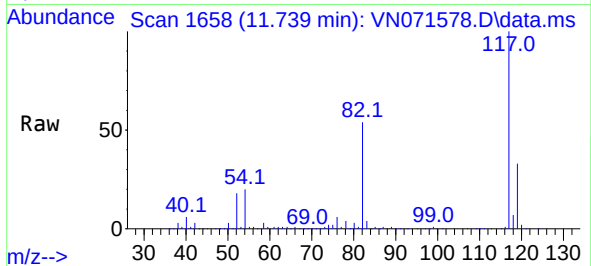




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

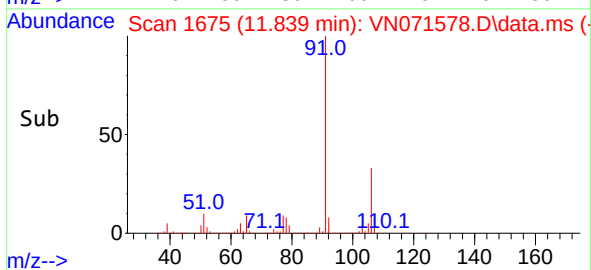
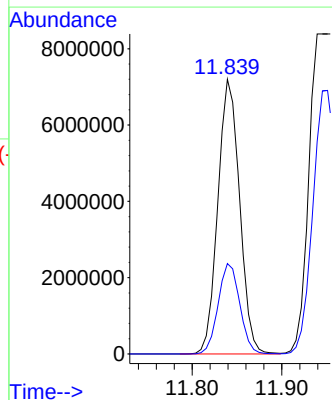
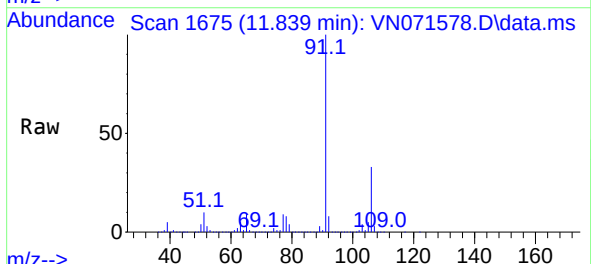
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MSVOA\_N  
ClientSampleId :  
MW-2

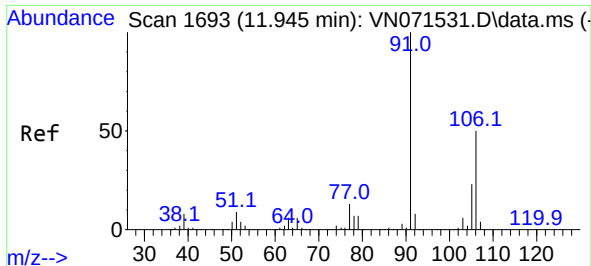
Tgt Ion:117 Resp: 1302445  
Ion Ratio Lower Upper  
117 100  
82 54.3 44.2 66.2  
119 32.9 25.4 38.0



#67  
Ethyl Benzene  
Concen: 255.545 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 91 Resp:12122983  
Ion Ratio Lower Upper  
91 100  
106 32.9 24.9 37.3

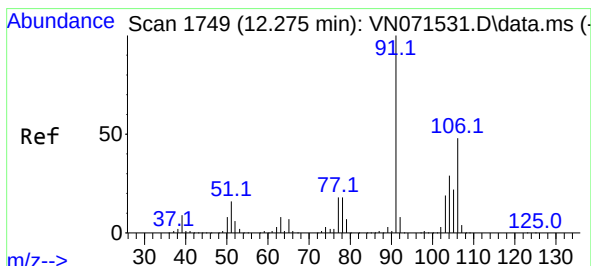
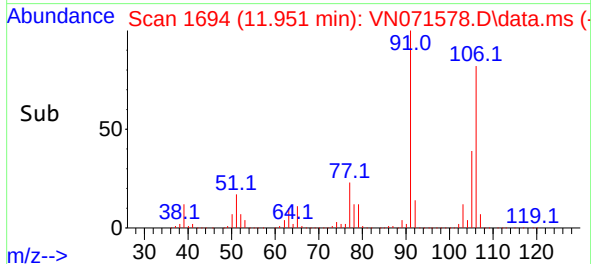
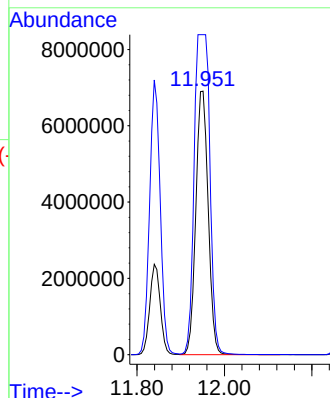
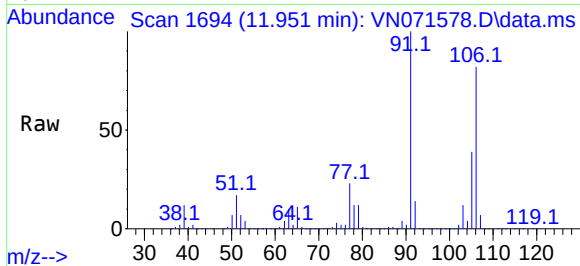




#68  
m/p-Xylenes  
Concen: 747.750 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. 0.006 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

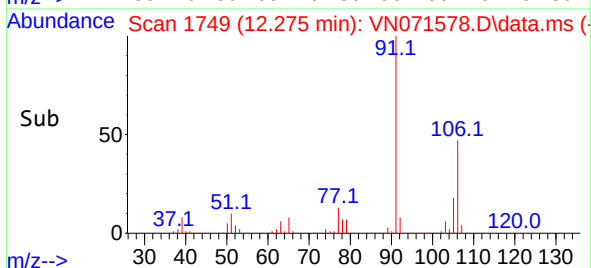
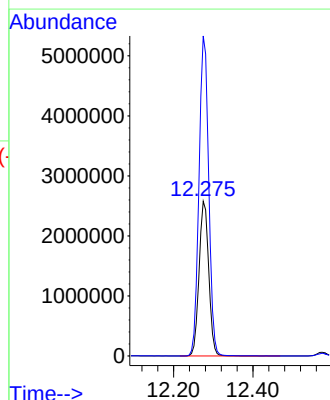
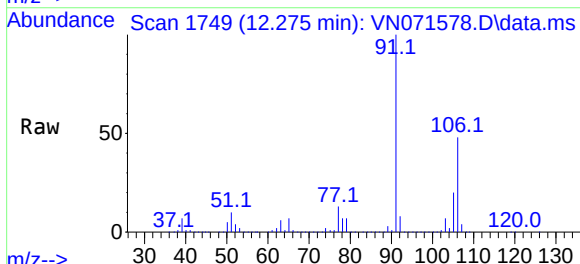
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

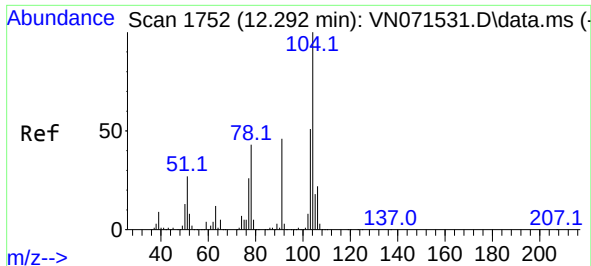
Tgt Ion:106 Resp:13573287  
Ion Ratio Lower Upper  
106 100  
91 154.6 158.9 238.3#



#69  
o-Xylene  
Concen: 240.436 ug/l  
RT: 12.275 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion:106 Resp: 4335826  
Ion Ratio Lower Upper  
106 100  
91 207.9 106.0 318.0

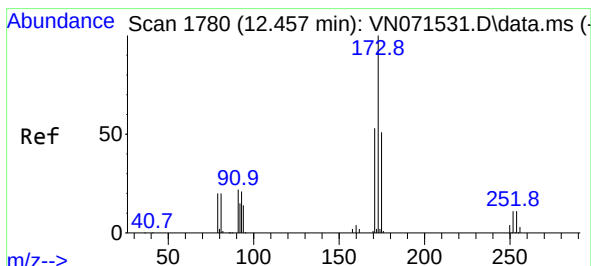
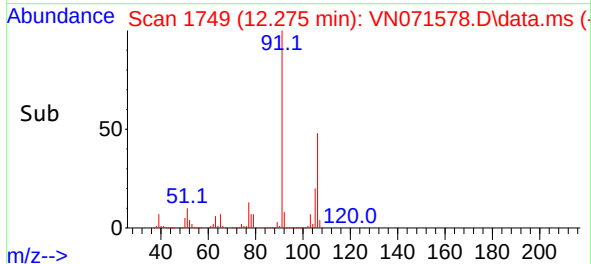
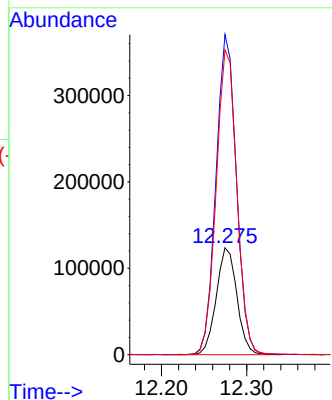
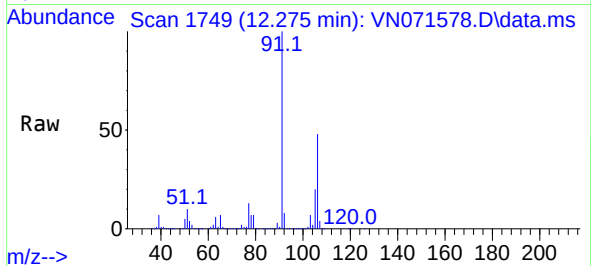




#70  
Styrene  
Concen: 7.410 ug/l  
RT: 12.275 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

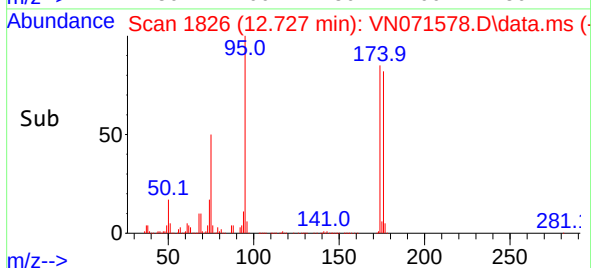
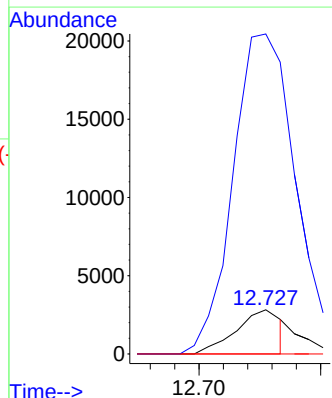
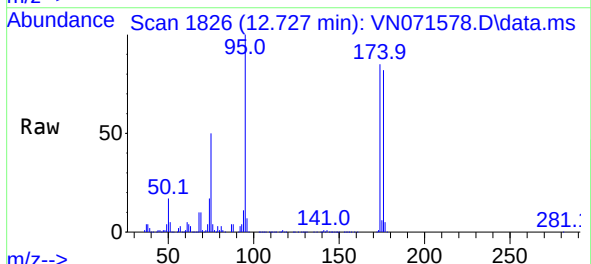
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

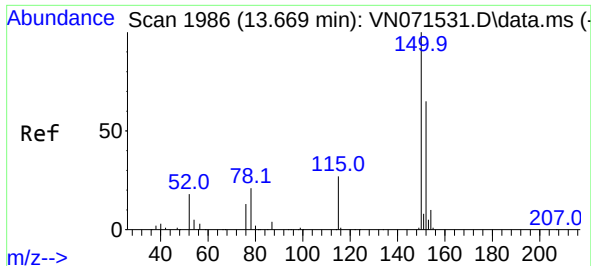
Tgt Ion:104 Resp: 208351  
Ion Ratio Lower Upper  
104 100  
78 296.1 39.5 59.3#  
103 285.7 44.0 66.0#



#71  
Bromoform  
Concen: 0.474 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.271 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion:173 Resp: 3641  
Ion Ratio Lower Upper  
173 100  
175 793.8 24.6 73.6#  
254 0.0 0.1 0.1#

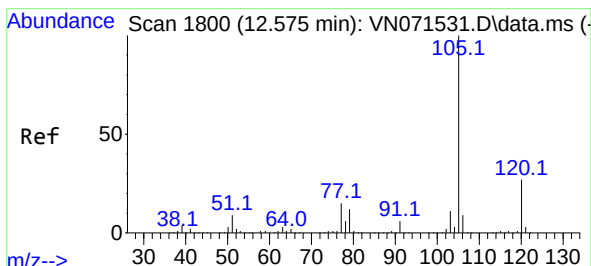
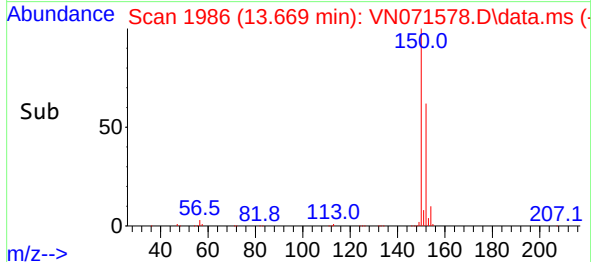
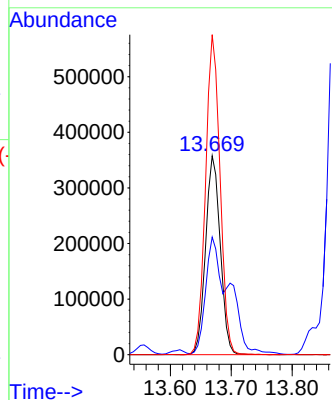
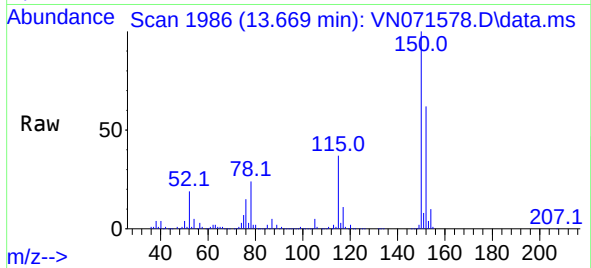




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

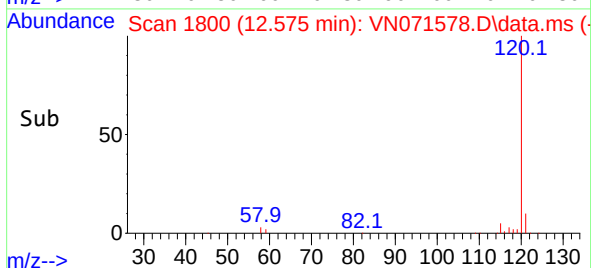
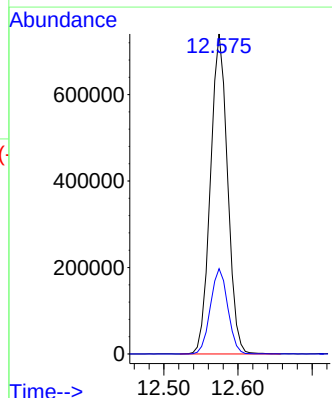
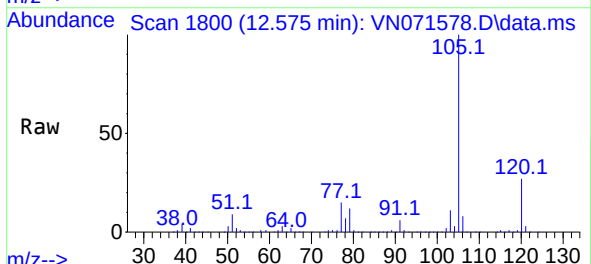
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

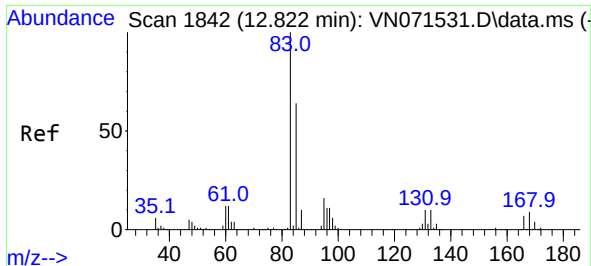
Tgt Ion:152 Resp: 597778  
Ion Ratio Lower Upper  
152 100  
115 58.0 28.9 86.7  
150 158.6 0.0 356.2



#73  
Isopropylbenzene  
Concen: 22.548 ug/l  
RT: 12.575 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion:105 Resp: 1188342  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.5 40.4

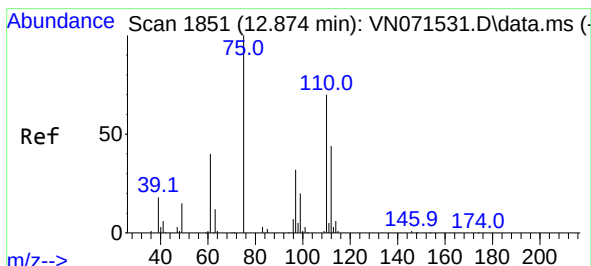
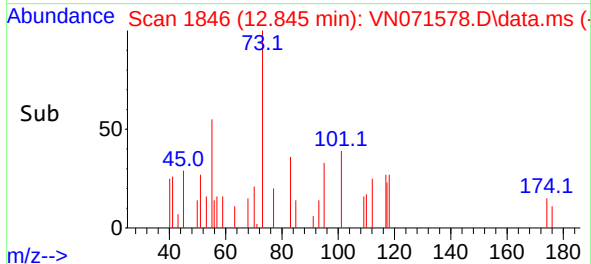
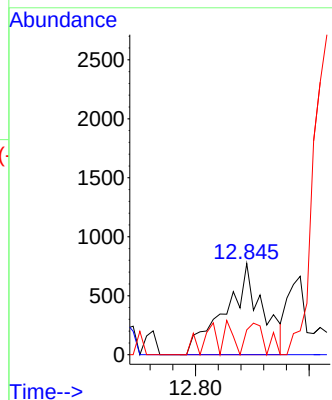
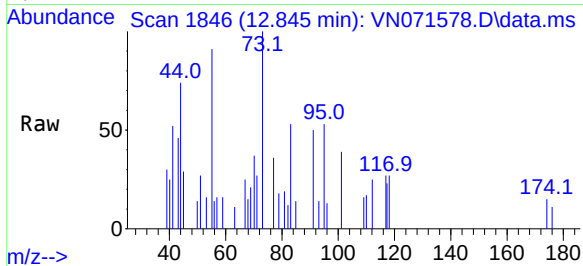




#75  
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 12.845 min Scan# 1846  
Delta R.T. 0.023 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

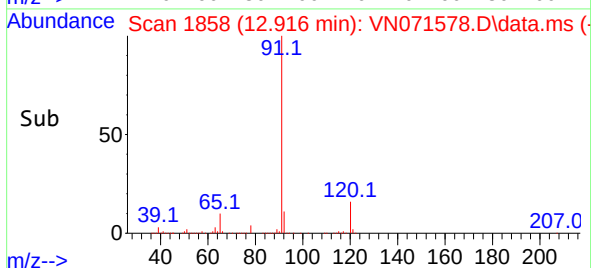
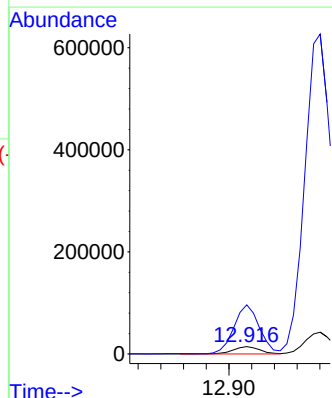
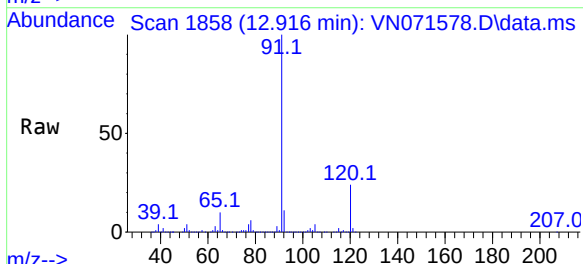
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

Tgt Ion: 83 Resp: 1762  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.3 15.9#  
85 0.0 32.3 96.9#

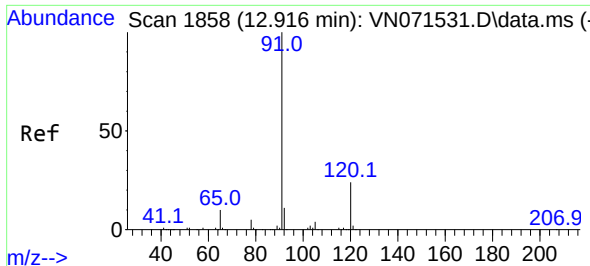


#76  
1,2,3-Trichloropropane  
Concen: 1.750 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.041 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 75 Resp: 23324  
Ion Ratio Lower Upper  
75 100  
77 638.4 98.5 295.5#



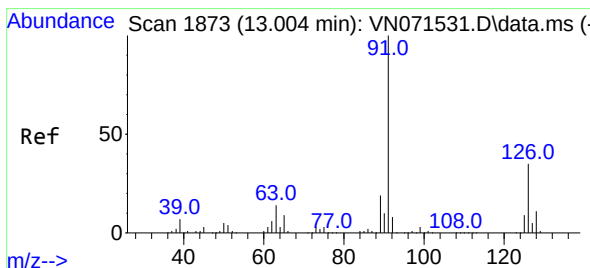
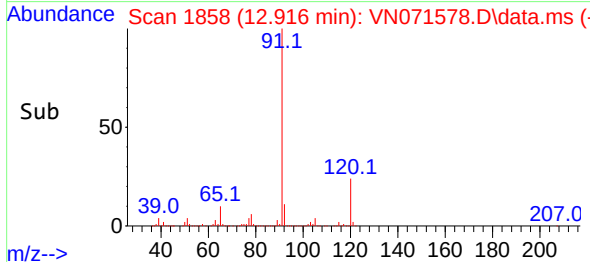
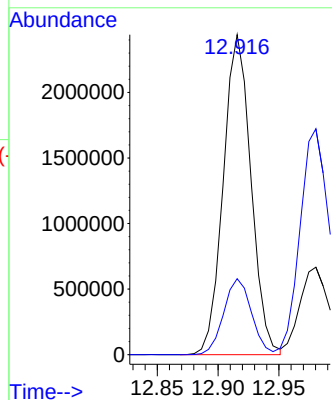
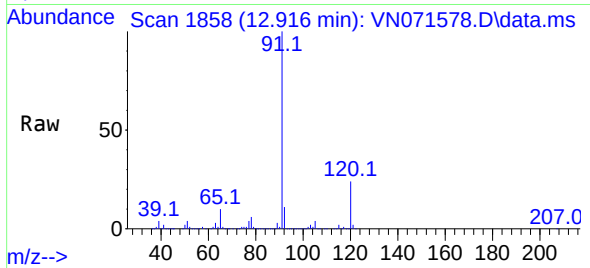




#78  
n-propylbenzene  
Concen: 68.814 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

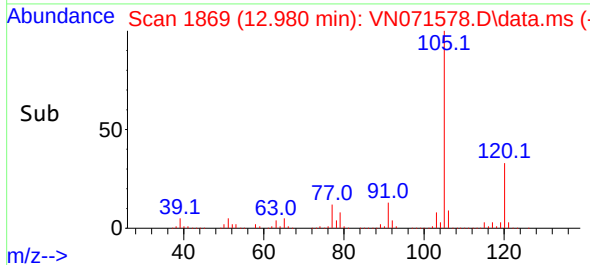
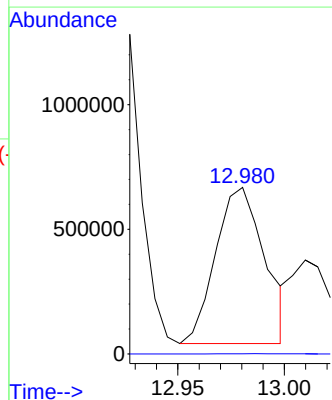
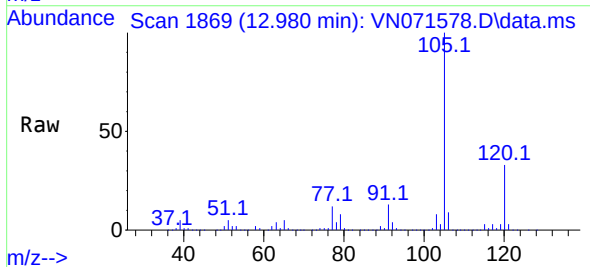
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

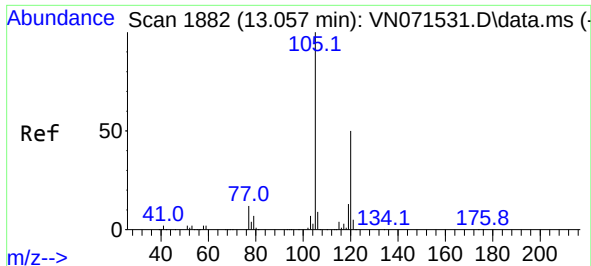
Tgt Ion: 91 Resp: 3858477  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.9 35.5



#79  
2-Chlorotoluene  
Concen: 27.769 ug/l  
RT: 12.980 min Scan# 1869  
Delta R.T. -0.024 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 91 Resp: 1004745  
Ion Ratio Lower Upper  
91 100  
126 0.2 17.3 51.9#

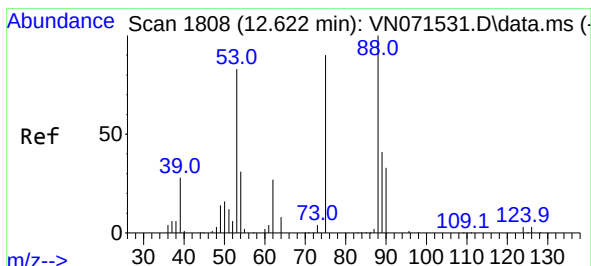
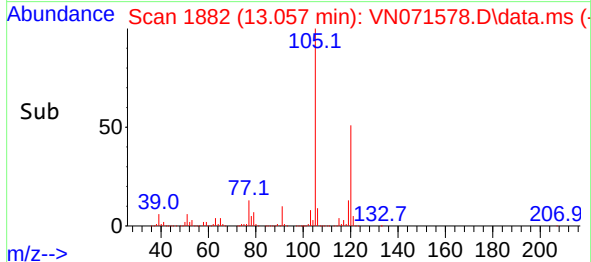
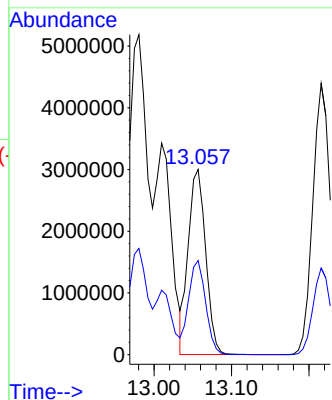
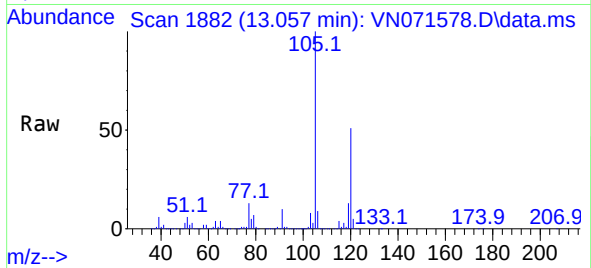




#80  
1,3,5-Trimethylbenzene  
Concen: 112.748 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

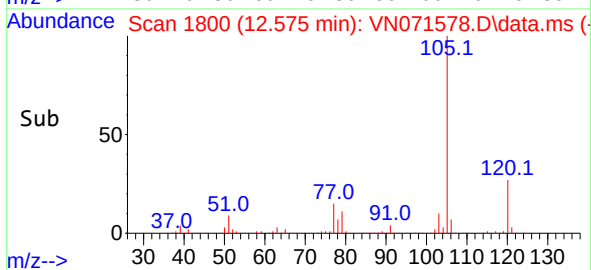
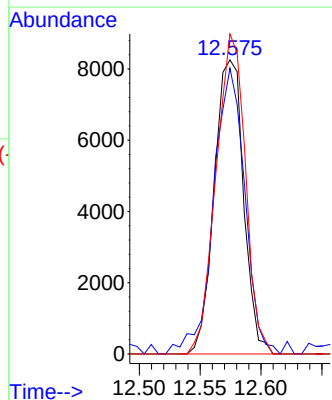
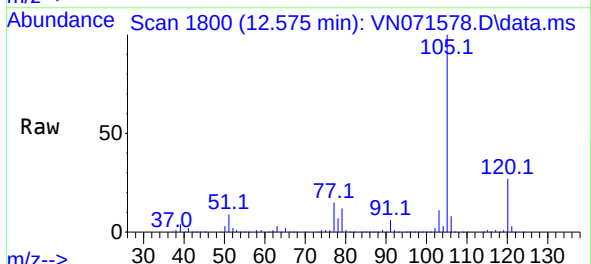
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

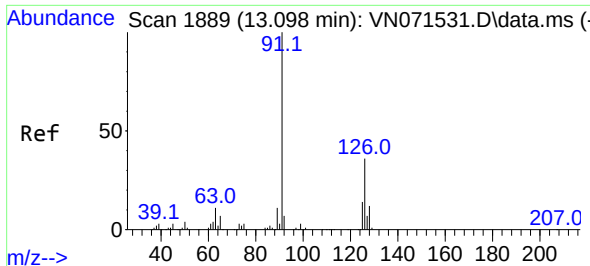
Tgt Ion:105 Resp: 4690508  
Ion Ratio Lower Upper  
105 100  
120 49.9 24.9 74.7



#81  
trans-1,4-Dichloro-2-butene  
Concen: 2.773 ug/l  
RT: 12.575 min Scan# 1800  
Delta R.T. -0.047 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 75 Resp: 13807  
Ion Ratio Lower Upper  
75 100  
53 103.7 78.0 117.0  
89 109.1 37.2 55.8#

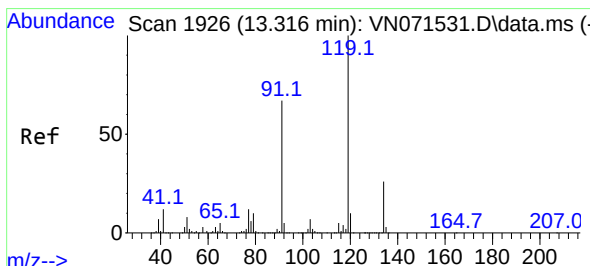
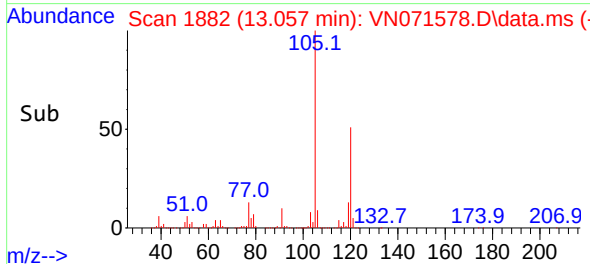
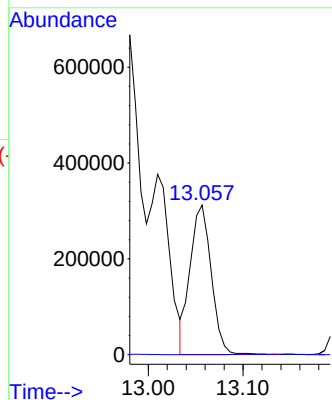
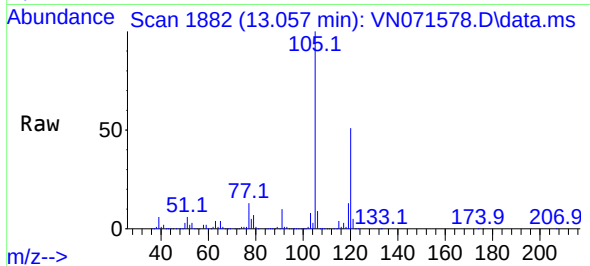




#82  
4-Chlorotoluene  
Concen: 14.509 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.041 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

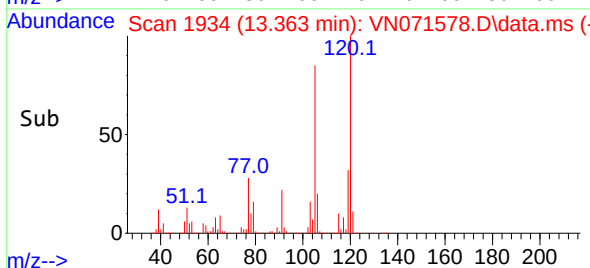
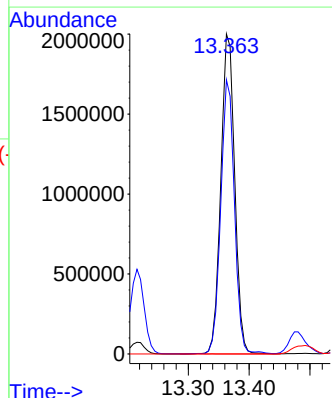
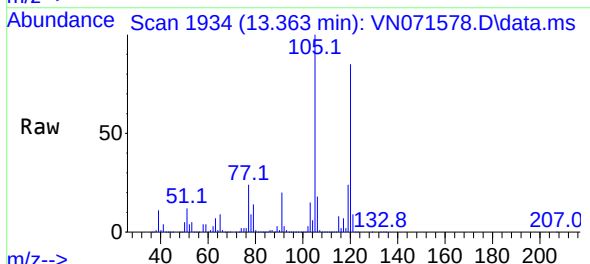
Instrument :  
MSVOA\_N  
ClientSampleId :  
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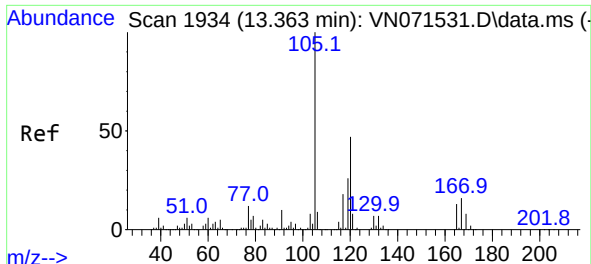
Tgt Ion: 91 Resp: 483318  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.2 51.6#



#83  
tert-Butylbenzene  
Concen: 84.202 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. 0.047 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 119 Resp: 3162155  
Ion Ratio Lower Upper  
119 100  
91 84.5 31.6 94.8  
134 0.0 13.7 41.1#

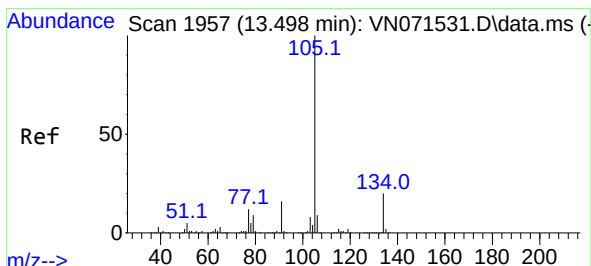
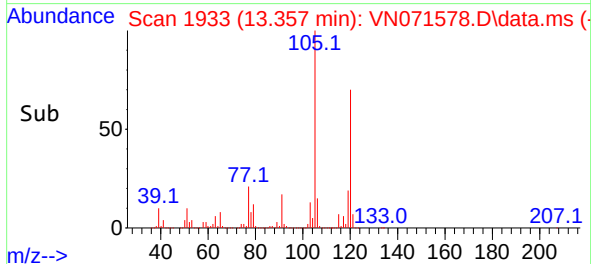
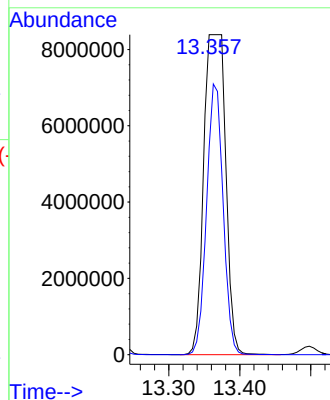
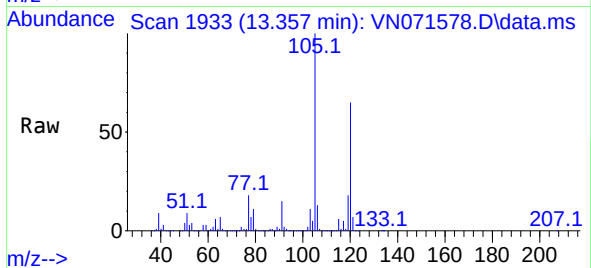




#84  
1,2,4-Trimethylbenzene  
Concen: 448.718 ug/l  
RT: 13.357 min Scan# 1933  
Delta R.T. -0.006 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

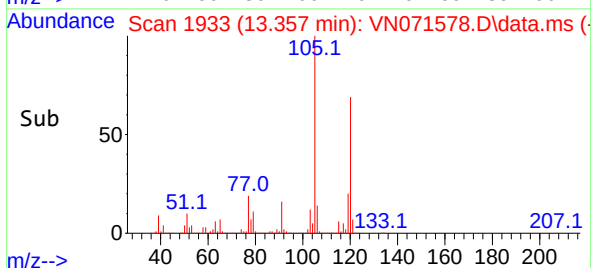
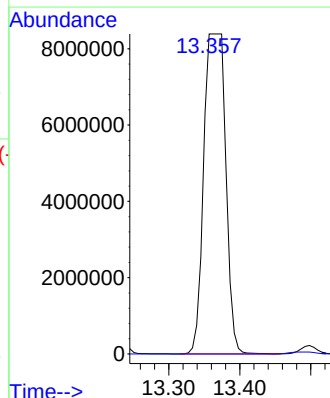
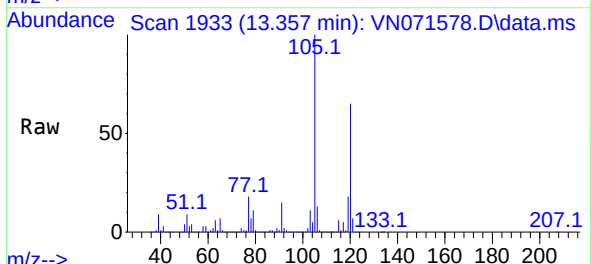
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

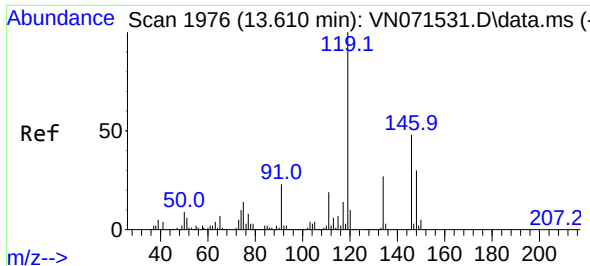
Tgt Ion:105 Resp:18013637  
Ion Ratio Lower Upper  
105 100  
120 63.8 23.3 69.8



#85  
sec-Butylbenzene  
Concen: 361.883 ug/l  
RT: 13.357 min Scan# 1933  
Delta R.T. -0.141 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion:105 Resp:18013637  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.4 31.1#

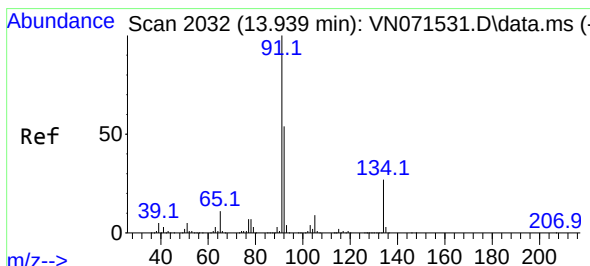
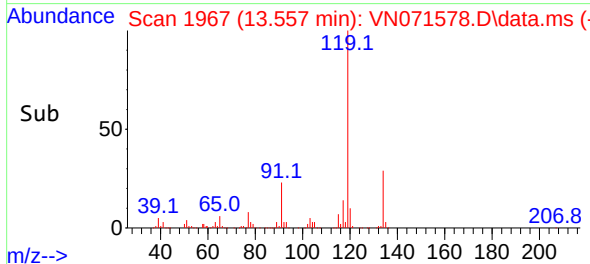
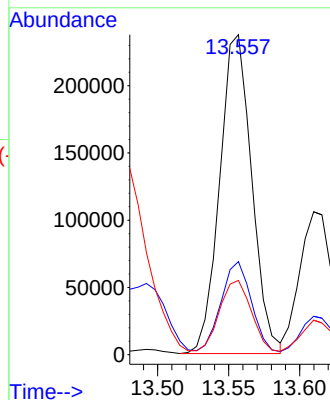
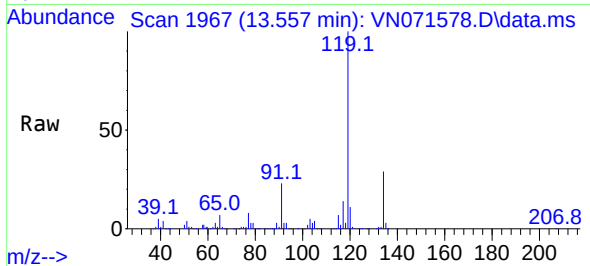




#86  
p-Isopropyltoluene  
Concen: 9.387 ug/l  
RT: 13.557 min Scan# 1976  
Delta R.T. -0.053 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

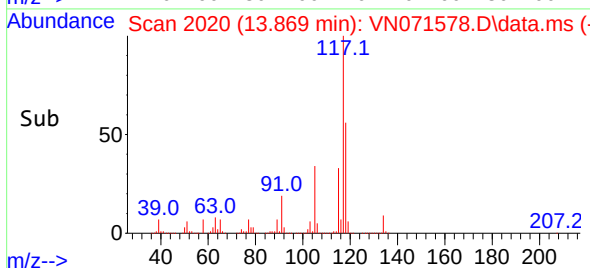
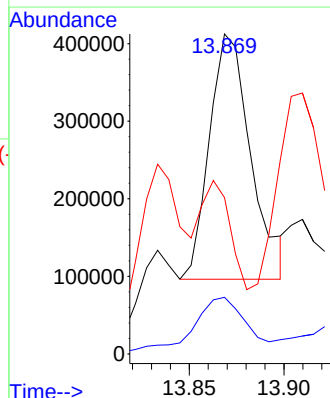
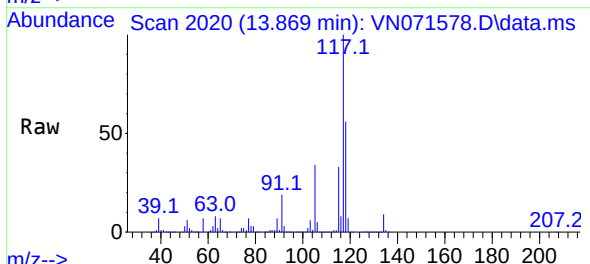
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

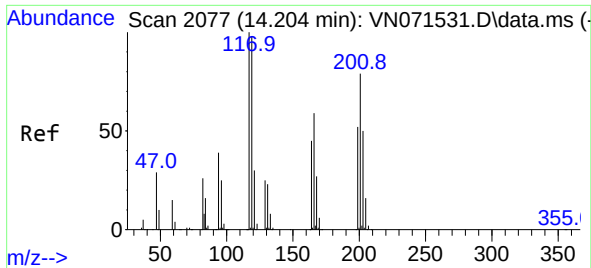
Tgt Ion:119 Resp: 372497  
Ion Ratio Lower Upper  
119 100  
134 28.3 13.3 39.8  
91 21.7 11.3 33.9



#89  
n-Butylbenzene  
Concen: 15.842 ug/l  
RT: 13.869 min Scan# 2020  
Delta R.T. -0.071 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 91 Resp: 481433  
Ion Ratio Lower Upper  
91 100  
92 30.6 26.9 80.7  
134 32.9 13.6 40.8

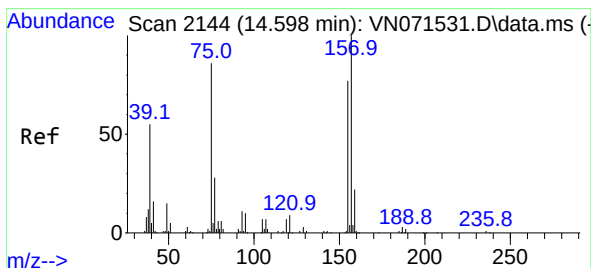
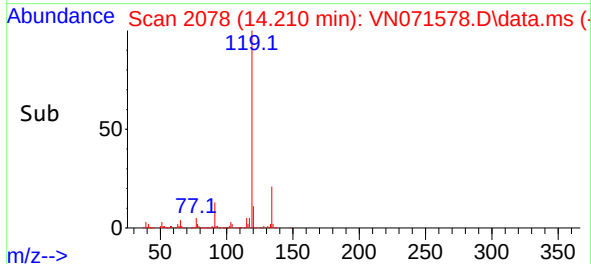
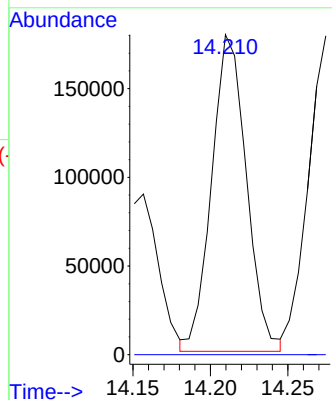
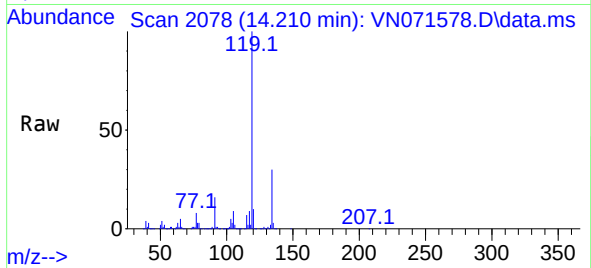




#90  
Hexachloroethane  
Concen: 35.915 ug/l  
RT: 14.210 min Scan# 2077  
Delta R.T. 0.006 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

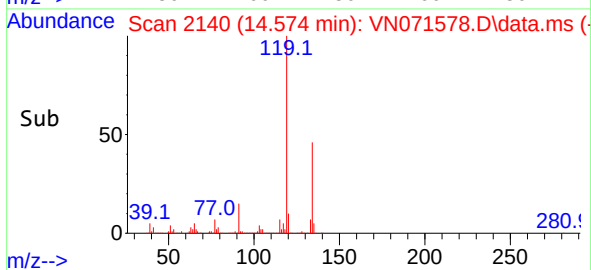
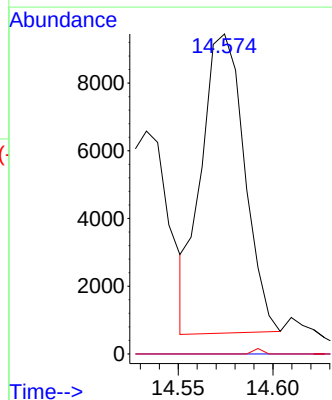
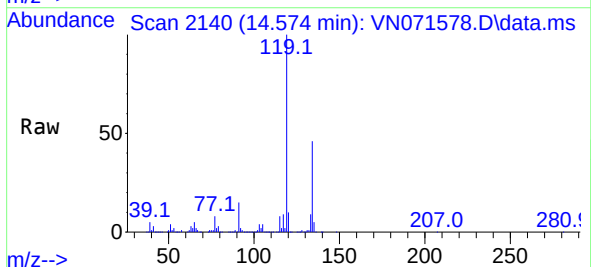
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-2

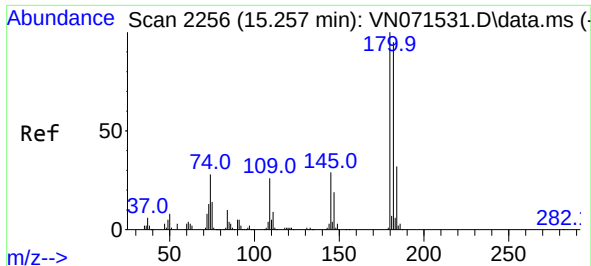
Tgt Ion:117 Resp: 278166  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.481 ug/l  
RT: 14.574 min Scan# 2140  
Delta R.T. -0.024 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion: 75 Resp: 13964  
Ion Ratio Lower Upper  
75 100  
155 0.0 44.9 134.5#  
157 0.4 59.0 176.8#

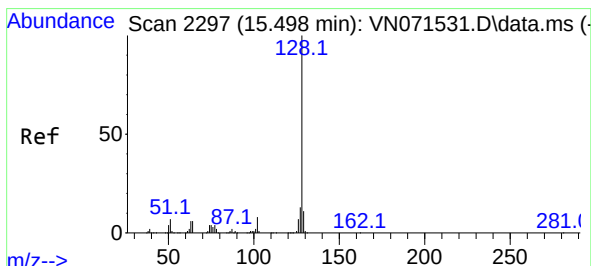
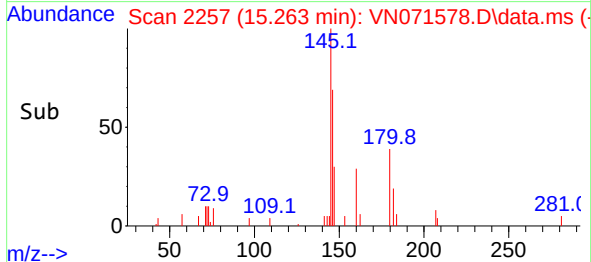
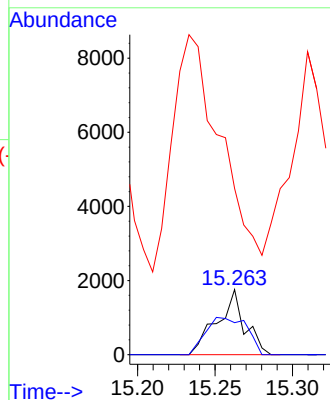
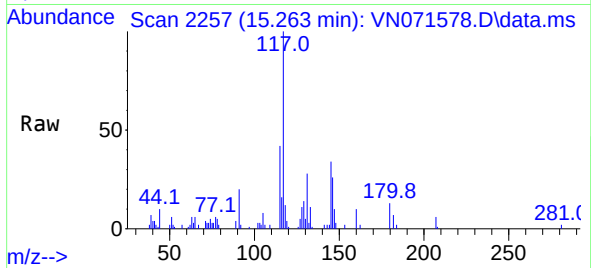




#93  
1,2,4-Trichlorobenzene  
Concen: 0.230 ug/l  
RT: 15.263 min Scan# 2180  
Delta R.T. 0.006 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

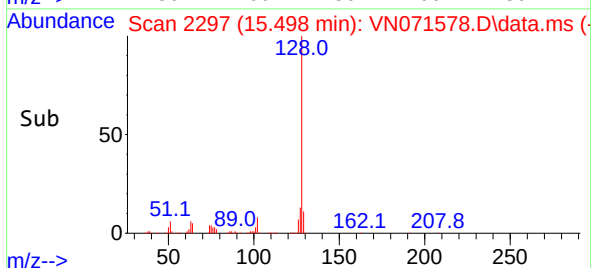
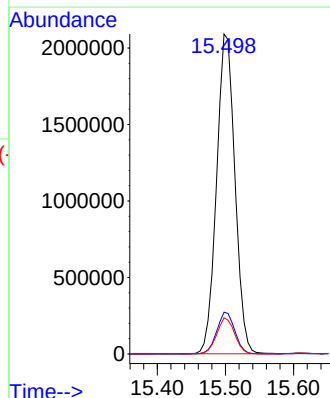
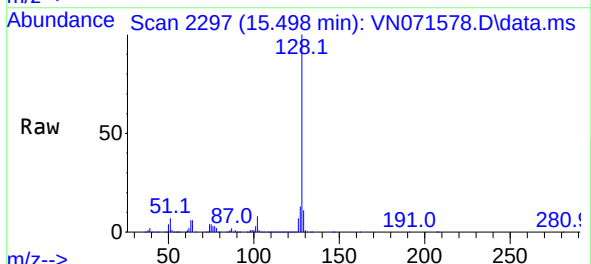
Instrument :  
MSVOA\_N  
ClientSampleId :  
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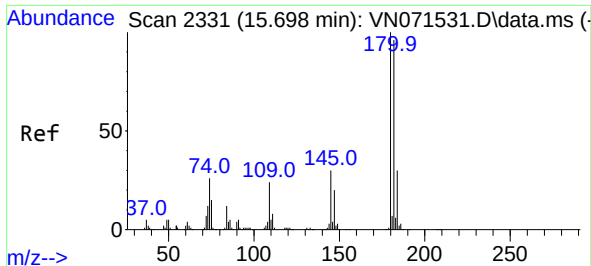
Tgt Ion:180 Resp: 2180  
Ion Ratio Lower Upper  
180 100  
182 85.1 47.5 142.5  
145 0.0 14.5 43.5#



#95  
Naphthalene  
Concen: 123.951 ug/l  
RT: 15.498 min Scan# 2297  
Delta R.T. -0.000 min  
Lab File: VN071578.D  
Acq: 26 Mar 2022 17:26

Tgt Ion:128 Resp: 3925715  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 11.0 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.243 ug/l  
 RT: 15.698 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN071578.D  
 Acq: 26 Mar 2022 17:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-2

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2286  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 89.9  | 47.8  | 143.3 |
| 145      | 0.0   | 15.5  | 46.5# |

