

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081621\  
 Data File : VN068111.D  
 Acq On : 16 Aug 2021 13:20  
 Operator : JC/MD  
 Sample : PB138399TB  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB138399TB

Quant Time: Aug 17 07:10:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 29 15:02:35 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Pentafluorobenzene         | 8.086  | 168   | 241316   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.968  | 114   | 470362   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.747 | 117   | 506388   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.678 | 152   | 170550   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.440  | 65    | 198968   | 58.242   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 61 - 141 | Recovery | = 116.480% |          |
| 35) Dibromofluoromethane      | 8.024  | 113   | 149101   | 54.393   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 69 - 133 | Recovery | = 108.780% |          |
| 50) Toluene-d8                | 10.443 | 98    | 640186   | 50.557   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 65 - 126 | Recovery | = 101.120% |          |
| 62) 4-Bromofluorobenzene      | 12.734 | 95    | 211443   | 46.094   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 135 | Recovery | = 92.180%  |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 10) Methyl Iodide             | 4.409  | 142   | 138      | 3.161    | ug/l #     | 82       |
| 11) Tert butyl alcohol        | 5.380  | 59    | 632      | 1.381    | ug/l #     | 71       |
| 13) Acrolein                  | 4.052  | 56    | 346      | 1.114    | ug/l       | 91       |
| 16) Acetone                   | 4.296  | 43    | 42666    | 34.229   | ug/l       | 96       |
| 18) Methyl Acetate            | 4.857  | 43    | 1444     | 0.380    | ug/l #     | 54       |
| 20) Methylene Chloride        | 5.098  | 84    | 26009    | 8.802    | ug/l       | 85       |
| 23) Vinyl Acetate             | 6.431  | 43    | 293      | 8.835    | ug/l #     | 75       |
| 25) 2-Butanone                | 7.348  | 43    | 9211     | 5.093    | ug/l       | 95       |
| 29) Tetrahydrofuran           | 7.691  | 42    | 920      | 0.794    | ug/l #     | 81       |
| 31) Cyclohexane               | 8.086  | 56    | 6686     | 1.327    | ug/l #     | 16       |
| 36) 1,1-Dichloropropene       | 8.088  | 75    | 22681    | 5.213    | ug/l #     | 45       |
| 38) Carbon Tetrachloride      | 8.088  | 117   | 28012    | 6.547    | ug/l #     | 17       |
| 43) Isopropyl Acetate         | 8.563  | 43    | 33236    | 4.871    | ug/l #     | 92       |
| 45) 1,2-Dichloropropane       | 9.628  | 63    | 2292     | 0.714    | ug/l #     | 44       |
| 48) Methyl methacrylate       | 9.550  | 41    | 8693     | 4.742    | ug/l #     | 14       |
| 49) 1,4-Dioxane               | 9.571  | 88    | 126      | 2.322    | ug/l #     | 20       |
| 51) 4-Methyl-2-Pentanone      | 10.336 | 43    | 11168    | 14.700   | ug/l #     | 82       |
| 52) Toluene                   | 10.510 | 92    | 1704     | 0.204    | ug/l       | 82       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75    | 300      | 2.884    | ug/l #     | 43       |
| 54) cis-1,3-Dichloropropene   | 10.245 | 75    | 55390    | 11.422   | ug/l #     | 59       |
| 56) Ethyl methacrylate        | 10.770 | 69    | 290      | 3.145    | ug/l #     | 1        |
| 57) 1,3-Dichloropropane       | 11.095 | 76    | 33668    | 6.363    | ug/l #     | 43       |
| 59) 2-Hexanone                | 11.095 | 43    | 528148   | 154.397  | ug/l #     | 55       |
| 60) Dibromochloromethane      | 11.494 | 129   | 52       | 3.314    | ug/l #     | 11       |
| 66) 1,1,1,2-Tetrachloroethane | 11.846 | 131   | 24       | 1.855    | ug/l #     | 8        |
| 68) m/p-Xylenes               | 11.948 | 106   | 1050     | 4.188    | ug/l #     | 45       |
| 70) Styrene                   | 12.291 | 104   | 1721     | 2.754    | ug/l #     | 57       |
| 71) Bromoform                 | 12.712 | 173   | 123      | 4.066    | ug/l #     | 29       |
| 74) N-amyl acetate            | 12.396 | 43    | 5271     | 1.090    | ug/l #     | 78       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83    | 982      | 0.234    | ug/l #     | 70       |
| 76) 1,2,3-Trichloropropane    | 12.734 | 75    | 120808   | 35.271   | ug/l #     | 100      |
| 77) Bromobenzene              | 12.865 | 156   | 870      | 0.272    | ug/l       | 81       |
| 78) n-propylbenzene           | 12.927 | 91    | 4223     | 0.269    | ug/l       | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.063 | 105   | 8443     | 0.749    | ug/l       | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.734 | 75    | 120808   | 94.412   | ug/l #     | 6        |
| 82) 4-Chlorotoluene           | 13.106 | 91    | 3945     | 0.411    | ug/l       | 79       |

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 Sample : PB138399TB  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB138399TB

Quant Time: Aug 17 07:10:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 29 15:02:35 2021  
 Response via : Initial Calibration

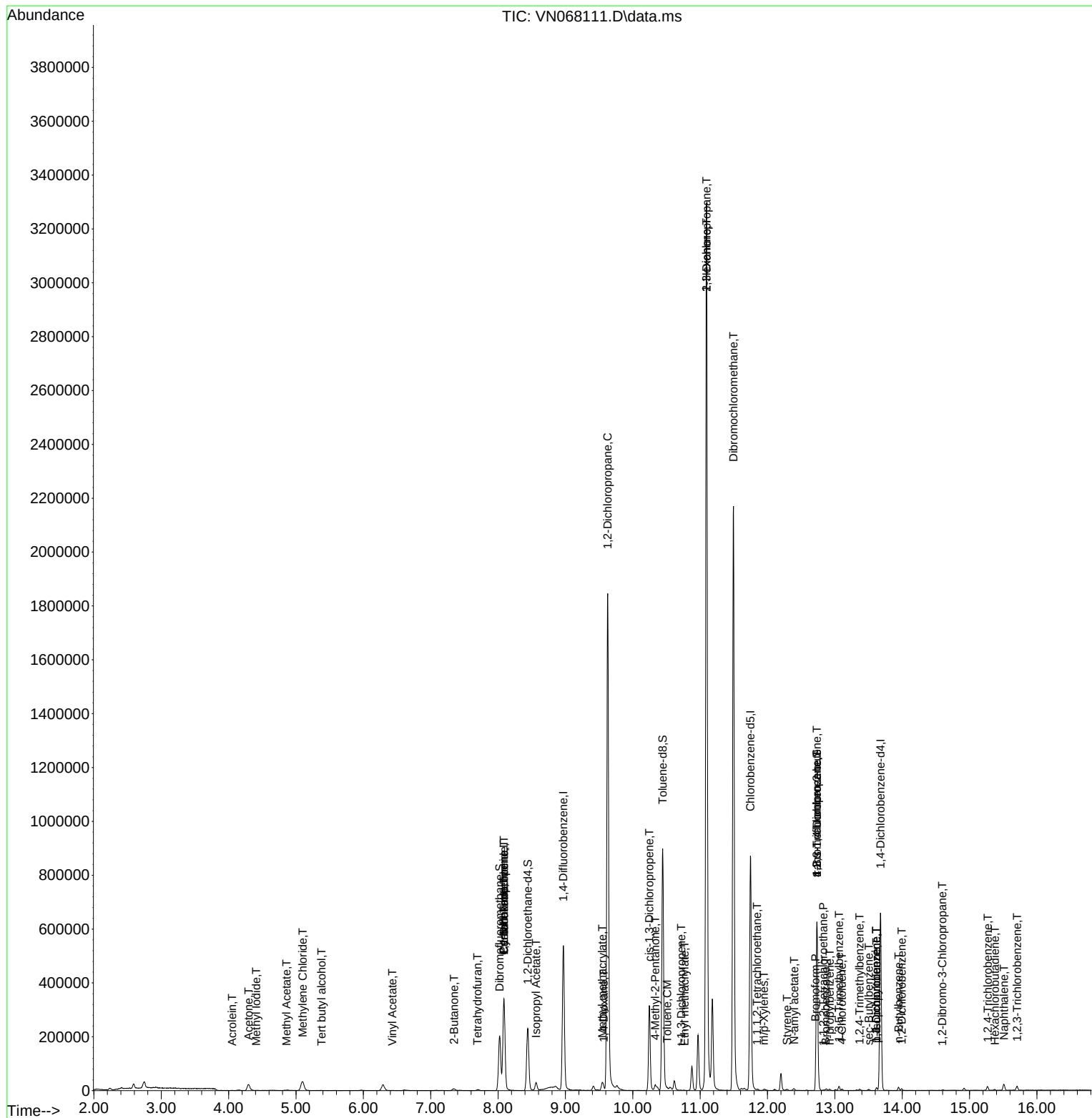
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 84) 1,2,4-Trimethylbenzene    | 13.366 | 105  | 3319     | 0.304 | ug/l   | 93       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 3097     | 0.236 | ug/l   | 81       |
| 86) p-Isopropyltoluene        | 13.619 | 119  | 3258     | 0.312 | ug/l   | 85       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 2453     | 0.418 | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.616 | 146  | 2453     | 0.423 | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.946 | 91   | 7294     | 0.815 | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.994 | 146  | 2938     | 0.532 | ug/l   | 89       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.595 | 75   | 604      | 0.900 | ug/l # | 38       |
| 93) 1,2,4-Trichlorobenzene    | 15.271 | 180  | 4837     | 4.323 | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.375 | 225  | 753      | 0.656 | ug/l # | 74       |
| 95) Naphthalene               | 15.509 | 128  | 20793    | 5.862 | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.705 | 180  | 5220     | 4.489 | ug/l   | 90       |
| -----                         |        |      |          |       |        |          |

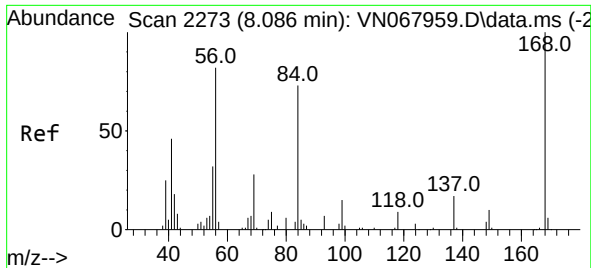
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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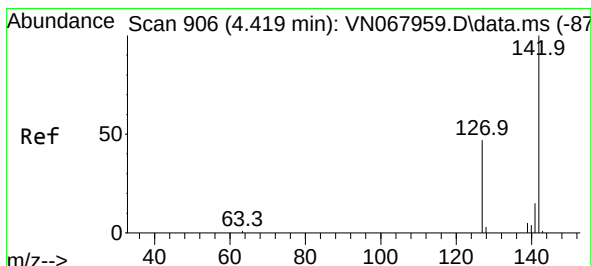
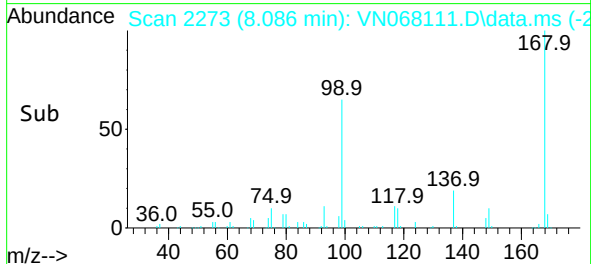
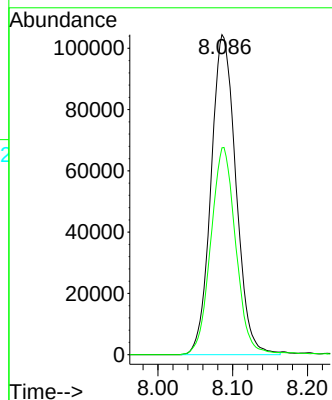
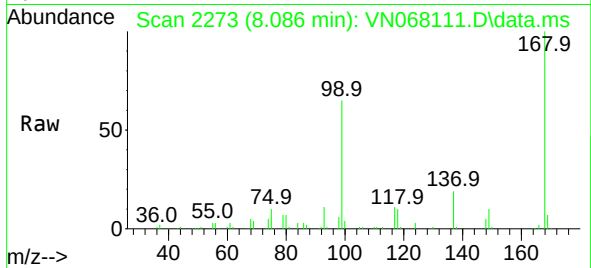




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

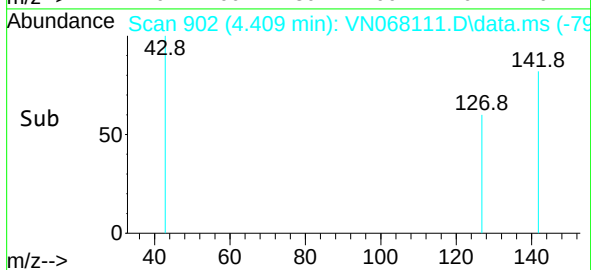
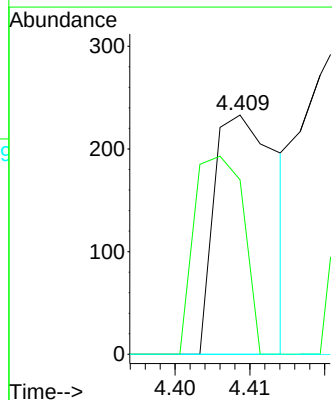
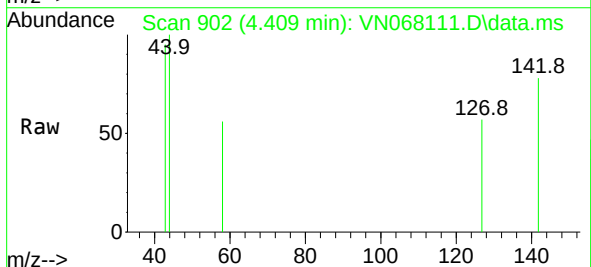
Instrument :  
MSVOA\_N  
ClientSampled :  
PB138399TB

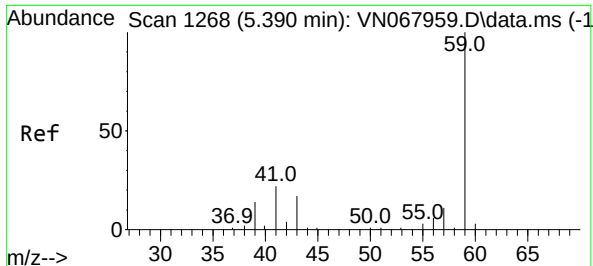
Tgt Ion:168 Resp: 241316  
Ion Ratio Lower Upper  
168 100  
99 64.7 62.9 94.3



#10  
Methyl Iodide  
Concen: 3.161 ug/l  
RT: 4.409 min Scan# 902  
Delta R.T. -0.010 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion:142 Resp: 138  
Ion Ratio Lower Upper  
142 100  
127 63.8 43.1 64.7  
141 0.0 11.4 17.0#



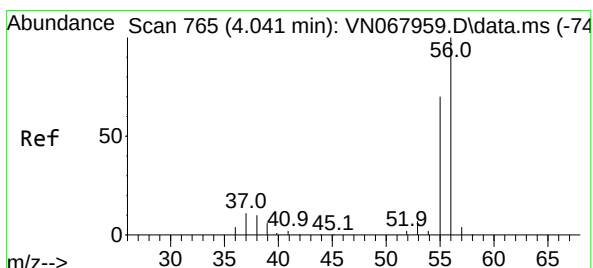
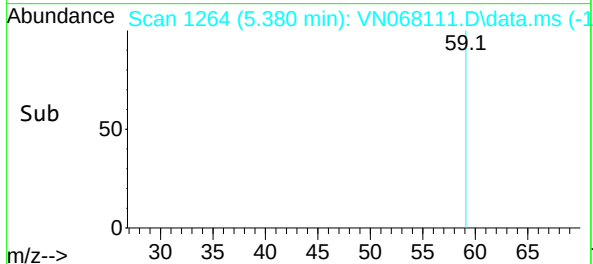
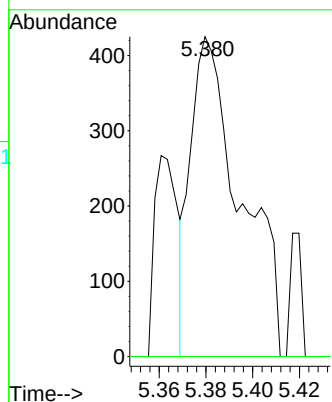
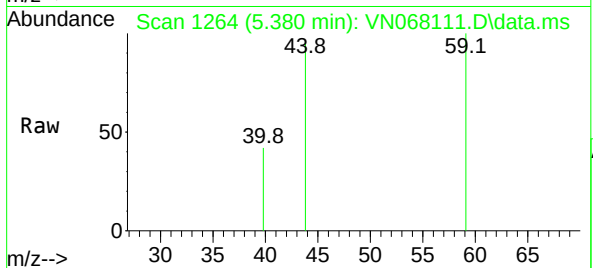


#11

Tert butyl alcohol  
Concen: 1.381 ug/l  
RT: 5.380 min Scan# 1264  
Delta R.T. -0.010 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

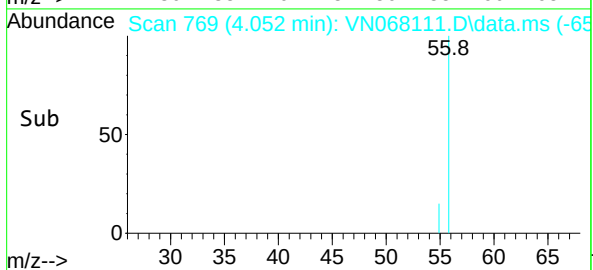
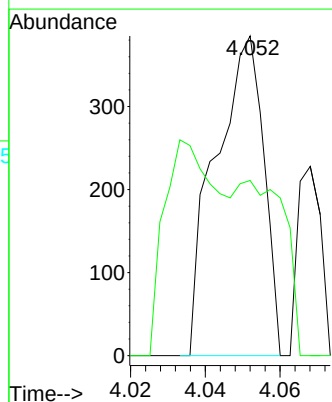
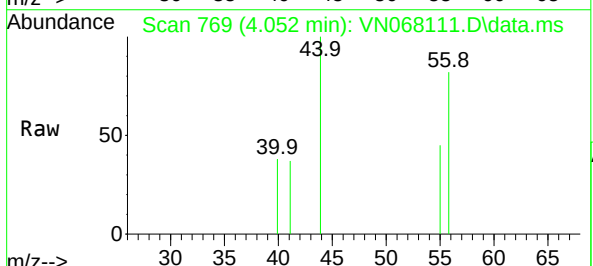
Tgt Ion: 59 Resp: 632  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#

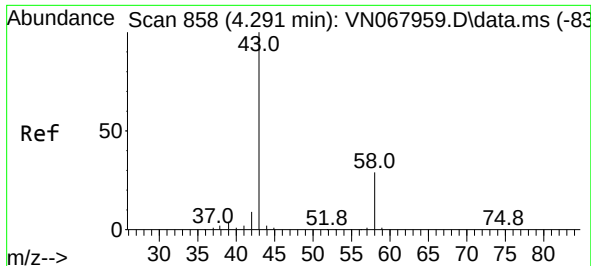


#13

Acrolein  
Concen: 1.114 ug/l  
RT: 4.052 min Scan# 769  
Delta R.T. 0.011 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 56 Resp: 346  
Ion Ratio Lower Upper  
56 100  
55 78.9 57.4 86.0

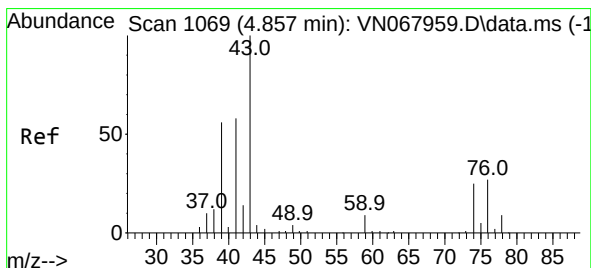
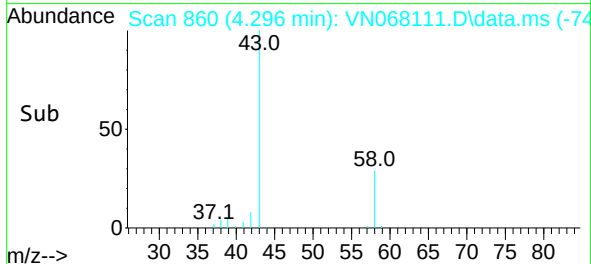
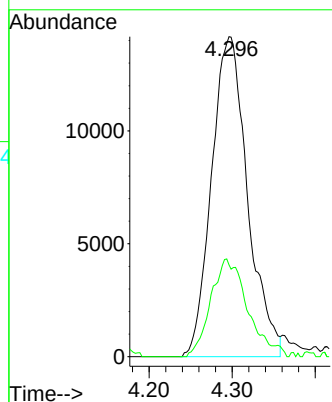
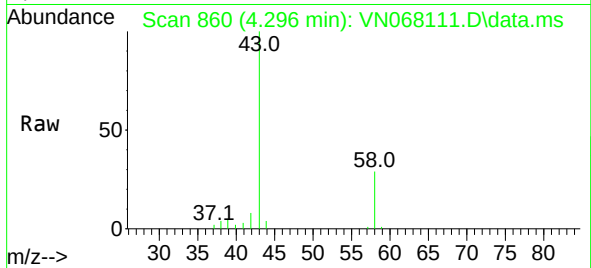




#16  
Acetone  
Concen: 34.229 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.005 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

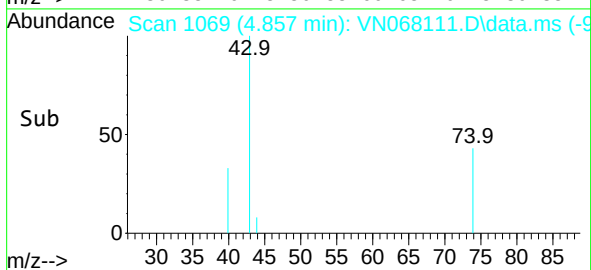
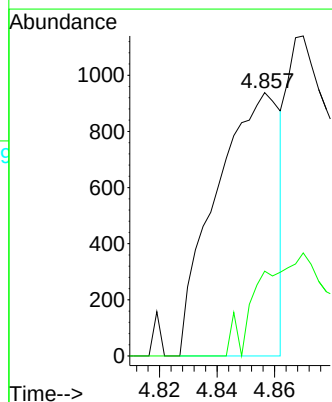
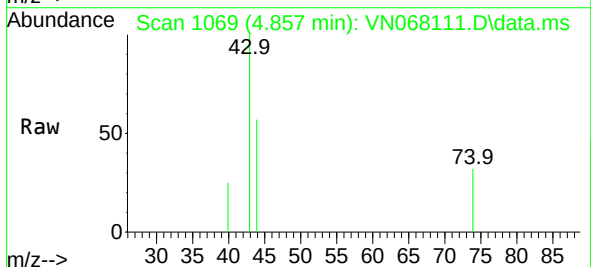
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

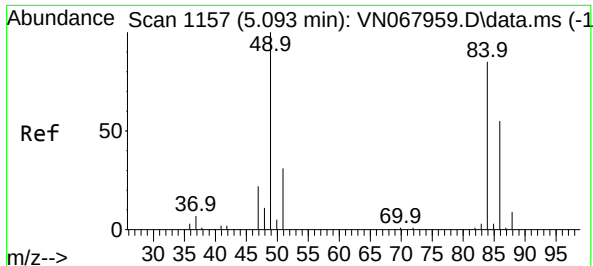
Tgt Ion: 43 Resp: 42666  
Ion Ratio Lower Upper  
43 100  
58 28.7 21.2 31.8



#18  
Methyl Acetate  
Concen: 0.380 ug/l  
RT: 4.857 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

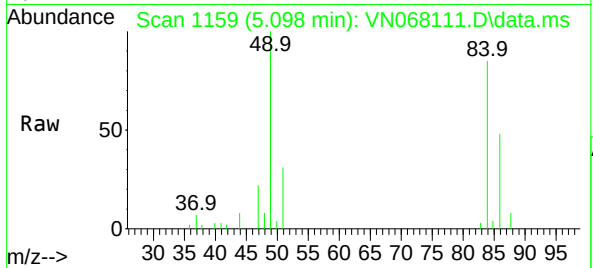
Tgt Ion: 43 Resp: 1444  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.4 26.0#



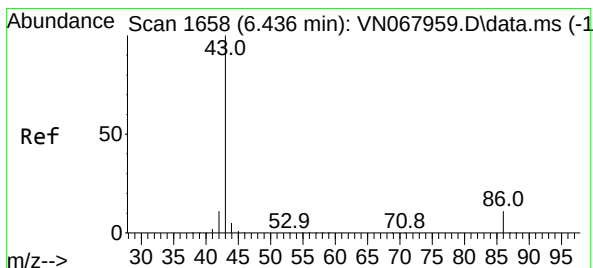
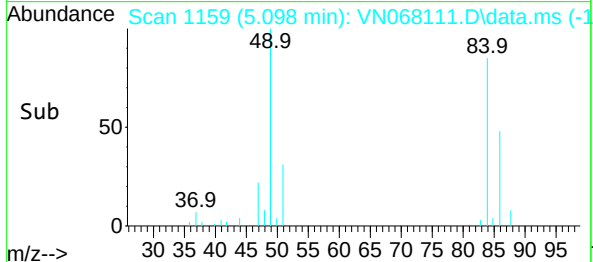
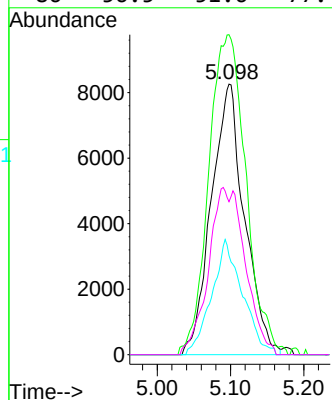


#20  
Methylene Chloride  
Concen: 8.802 ug/l  
RT: 5.098 min Scan# 1159  
Delta R.T. 0.005 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

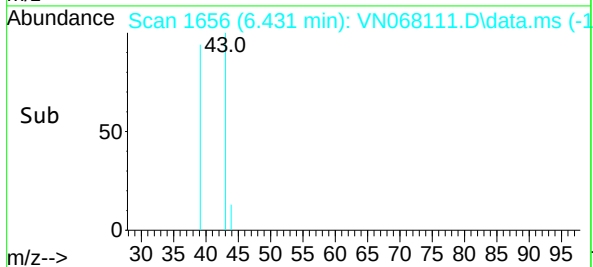
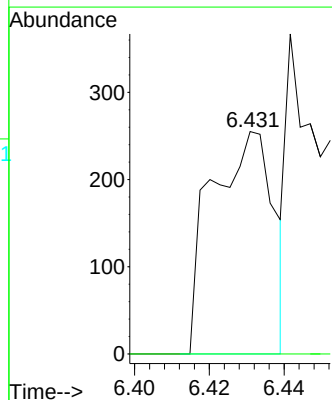
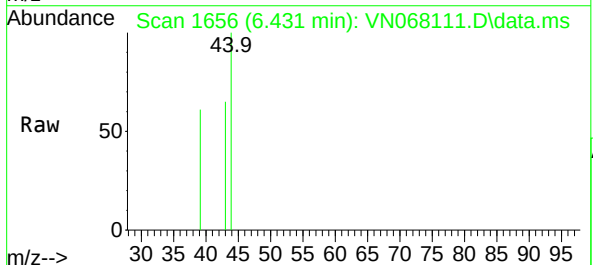


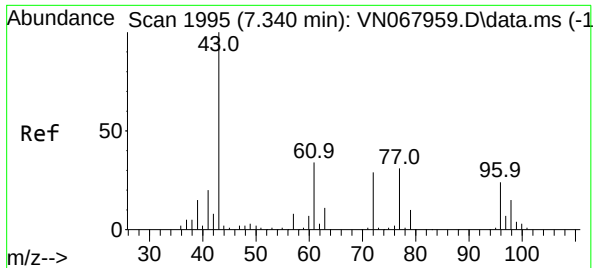
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 26009 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 115.5 | 110.9 | 166.3 |
| 51       | 36.6  | 32.6  | 49.0  |
| 86       | 56.5  | 51.6  | 77.4  |



#23  
Vinyl Acetate  
Concen: 8.835 ug/l  
RT: 6.431 min Scan# 1656  
Delta R.T. -0.005 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 293   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 0.0   | 7.3   | 10.9# |

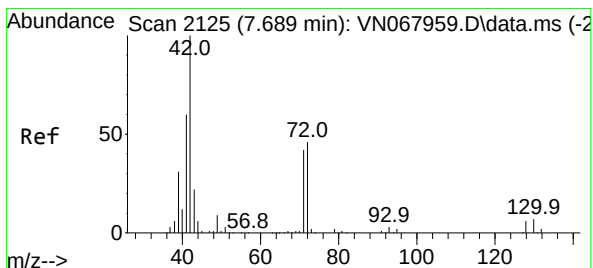
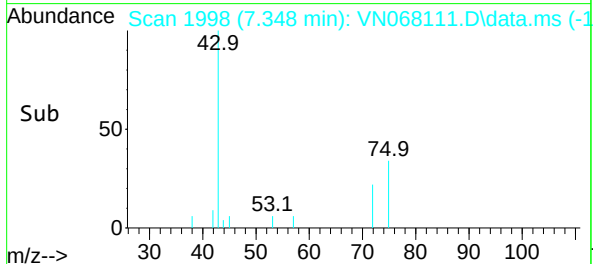
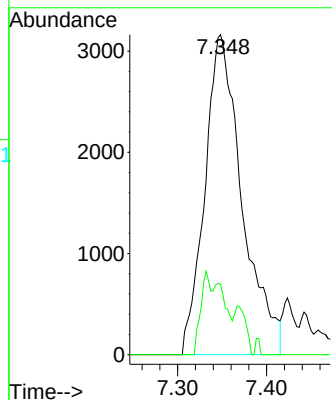
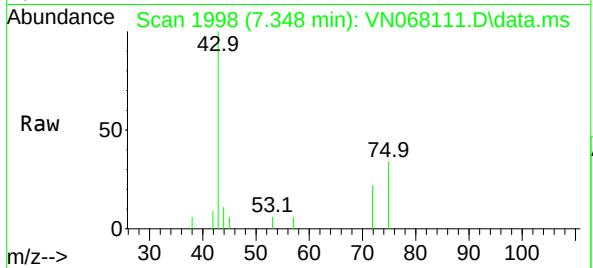




#25  
2-Butanone  
Concen: 5.093 ug/l  
RT: 7.348 min Scan# 1998  
Delta R.T. 0.008 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

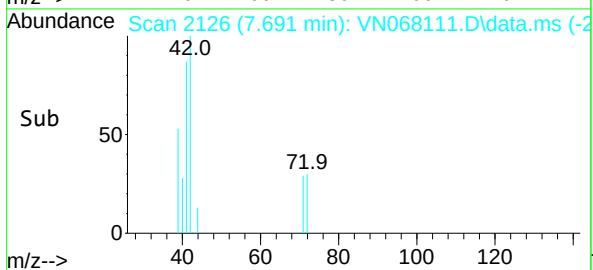
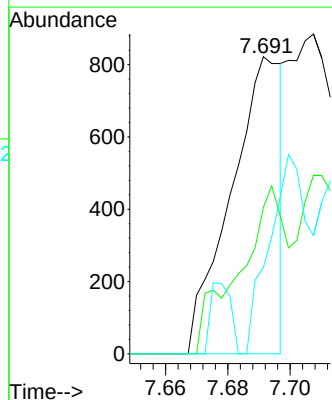
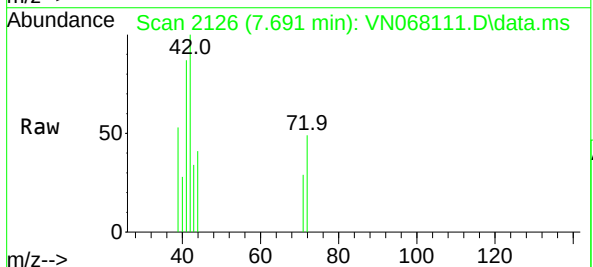
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ClientSampleId :  
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Tgt Ion: 43 Resp: 9211  
Ion Ratio Lower Upper  
43 100  
72 21.9 19.7 29.5

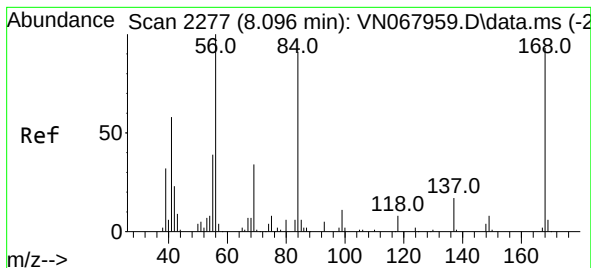


#29  
Tetrahydrofuran  
Concen: 0.794 ug/l  
RT: 7.691 min Scan# 2126  
Delta R.T. 0.002 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 42 Resp: 920  
Ion Ratio Lower Upper  
42 100  
72 52.3 32.8 49.2#  
71 51.6 31.2 46.8#

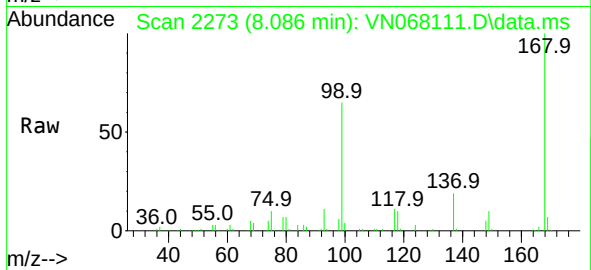




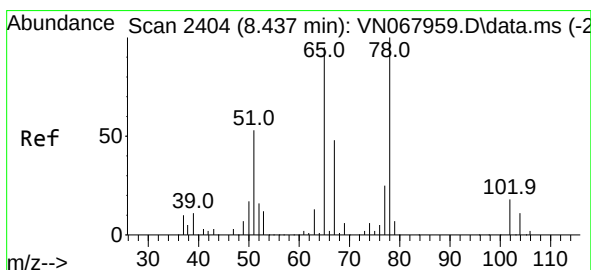
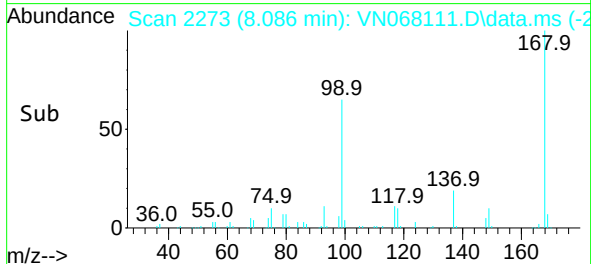
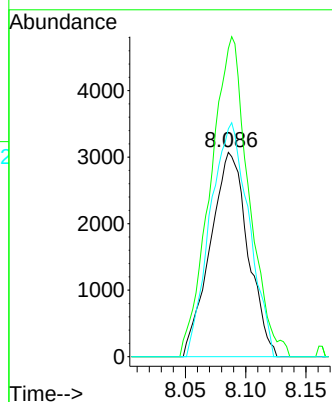


#31  
Cyclohexane  
Concen: 1.327 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.010 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

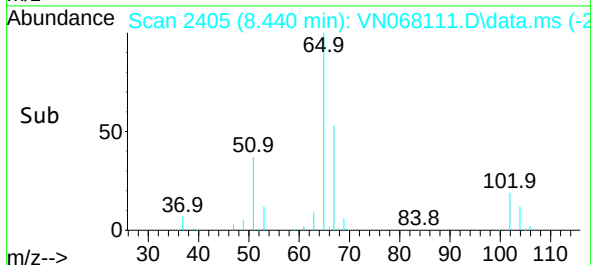
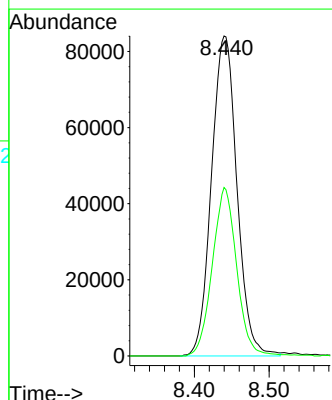
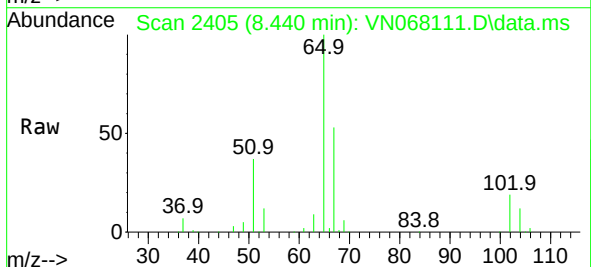


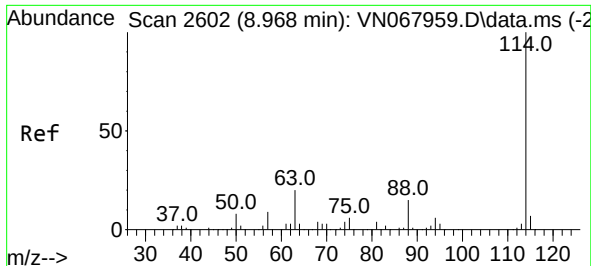
Tgt Ion: 56 Resp: 6686  
Ion Ratio Lower Upper  
56 100  
69 150.8 27.3 40.9#  
84 111.5 64.9 97.3#



#33  
1,2-Dichloroethane-d4  
Concen: 58.242 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.003 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 65 Resp: 198968  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 98.6

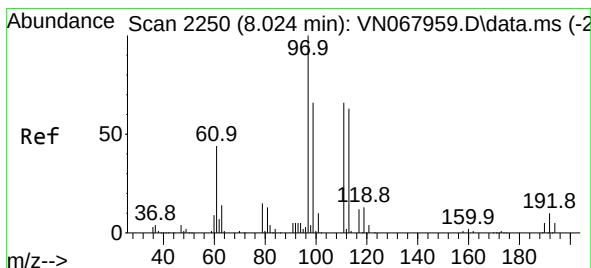
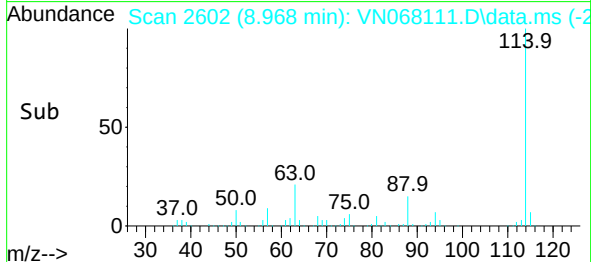
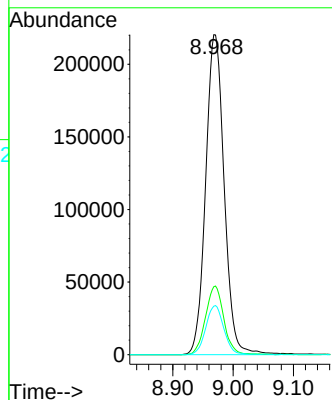
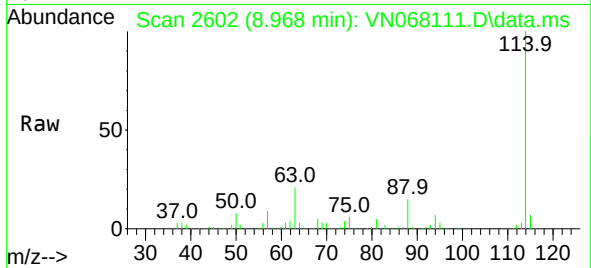




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.968 min Scan# 2602  
 Delta R.T. 0.000 min  
 Lab File: VN068111.D  
 Acq: 16 Aug 2021 13:20

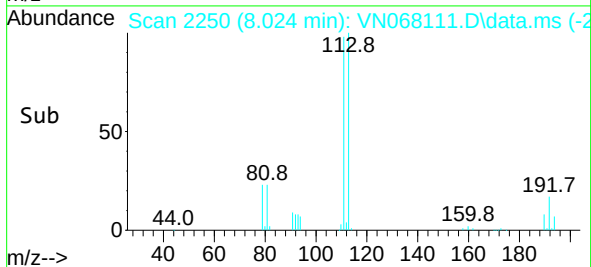
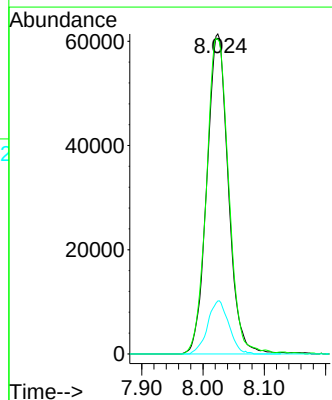
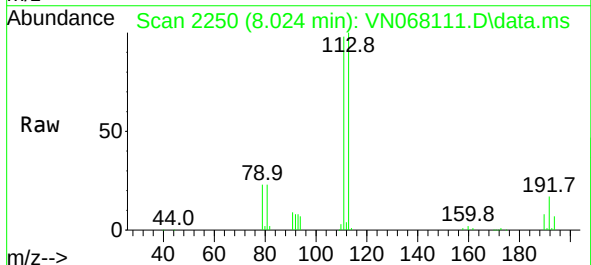
Instrument :  
 MSVOA\_N  
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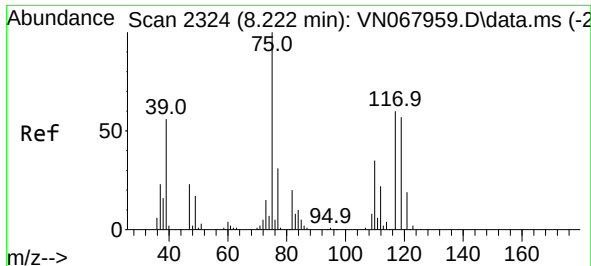
Tgt Ion:114 Resp: 470362  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 49.0  
 88 15.1 0.0 36.6



#35  
 Dibromofluoromethane  
 Concen: 54.393 ug/l  
 RT: 8.024 min Scan# 2250  
 Delta R.T. -0.000 min  
 Lab File: VN068111.D  
 Acq: 16 Aug 2021 13:20

Tgt Ion:113 Resp: 149101  
 Ion Ratio Lower Upper  
 113 100  
 111 102.0 83.8 125.8  
 192 16.4 13.4 20.0

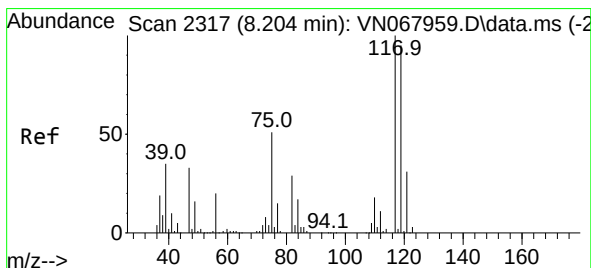
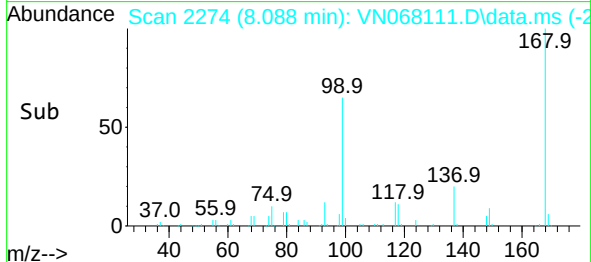
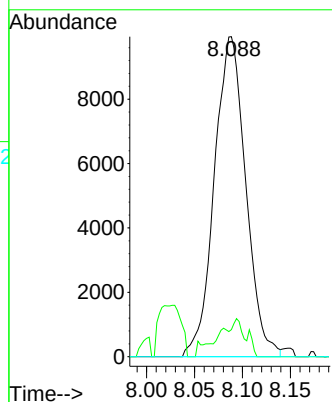
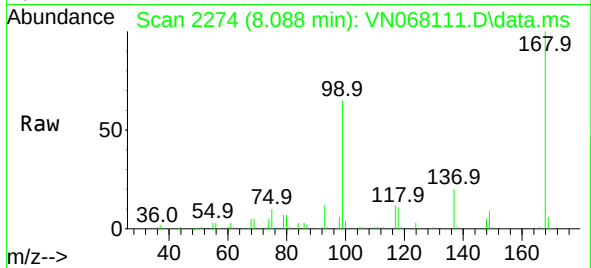




#36  
 1,1-Dichloropropene  
 Concen: 5.213 ug/l  
 RT: 8.088 min Scan# 2274  
 Delta R.T. -0.134 min  
 Lab File: VN068111.D  
 Acq: 16 Aug 2021 13:20

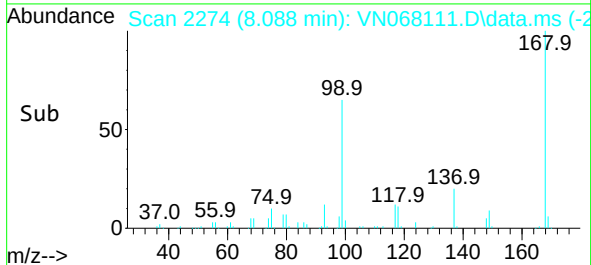
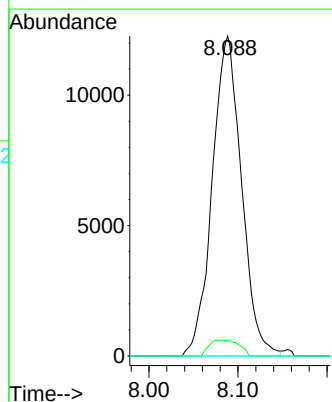
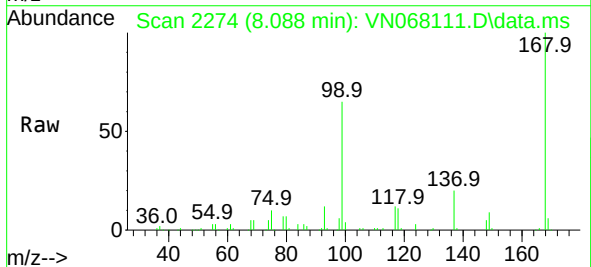
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 PB138399TB

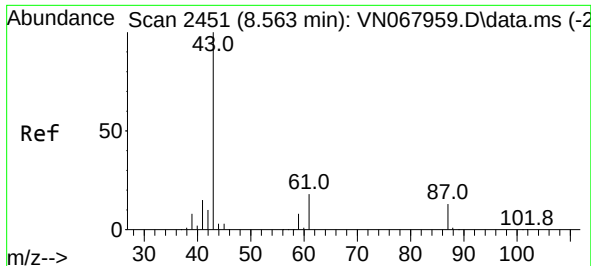
Tgt Ion: 75 Resp: 22681  
 Ion Ratio Lower Upper  
 75 100  
 110 2.0 15.7 47.0#  
 77 0.0 24.6 37.0#



#38  
 Carbon Tetrachloride  
 Concen: 6.547 ug/l  
 RT: 8.088 min Scan# 2274  
 Delta R.T. -0.116 min  
 Lab File: VN068111.D  
 Acq: 16 Aug 2021 13:20

Tgt Ion: 117 Resp: 28012  
 Ion Ratio Lower Upper  
 117 100  
 119 4.9 75.4 113.2#  
 121 0.0 23.5 35.3#

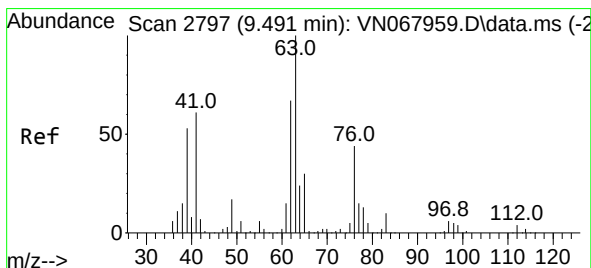
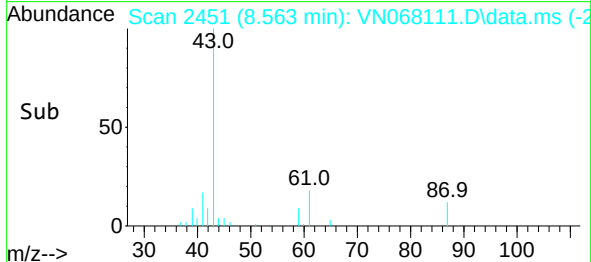
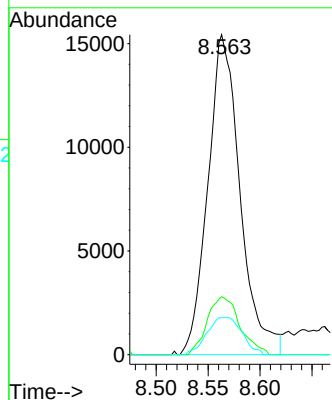
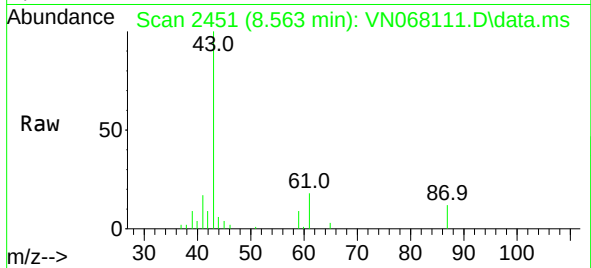




#43  
Isopropyl Acetate  
Concen: 4.871 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

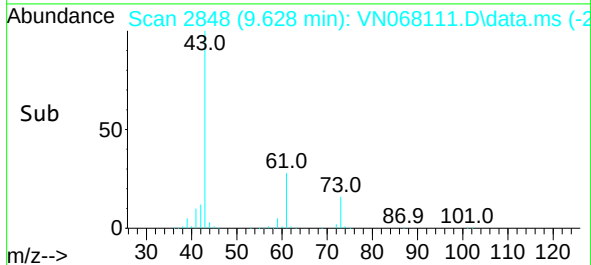
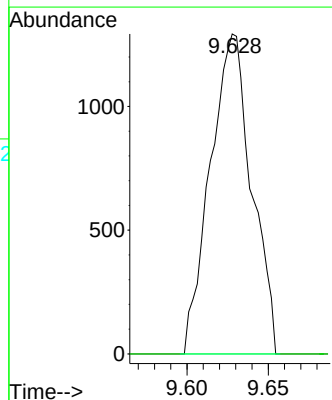
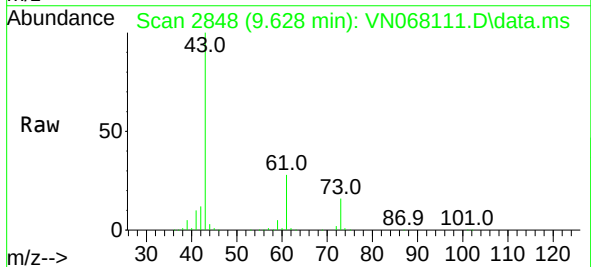
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

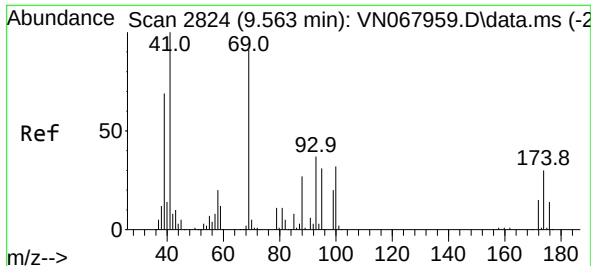
Tgt Ion: 43 Resp: 33236  
Ion Ratio Lower Upper  
43 100  
61 18.4 19.0 28.4#  
87 12.7 9.5 14.3



#45  
1,2-Dichloropropane  
Concen: 0.714 ug/l  
RT: 9.628 min Scan# 2848  
Delta R.T. 0.137 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 63 Resp: 2292  
Ion Ratio Lower Upper  
63 100  
65 0.0 24.3 36.5#

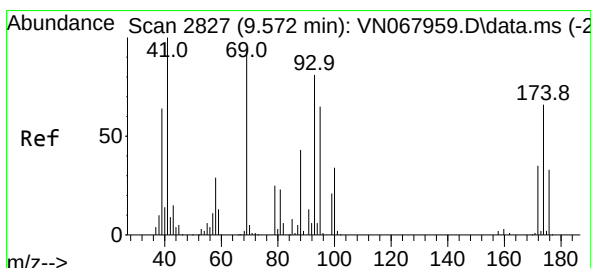
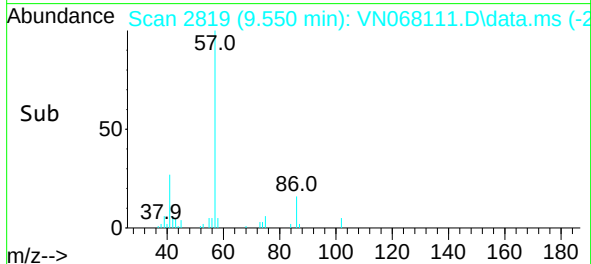
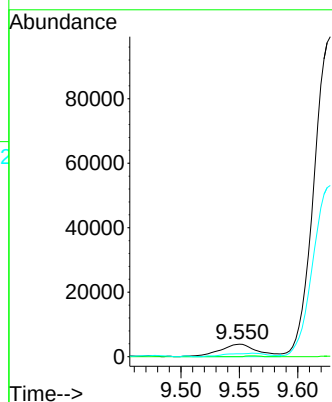
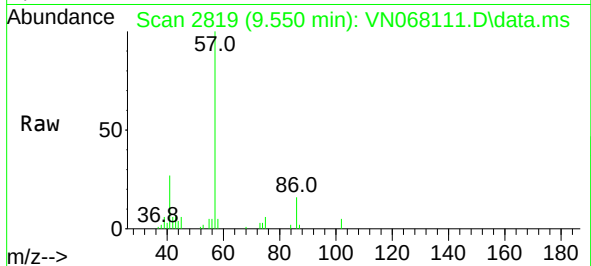




#48  
Methyl methacrylate  
Concen: 4.742 ug/l  
RT: 9.550 min Scan# 2819  
Delta R.T. -0.013 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

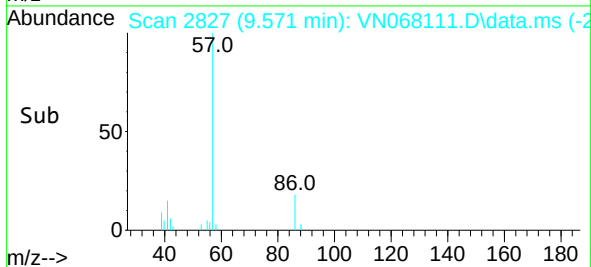
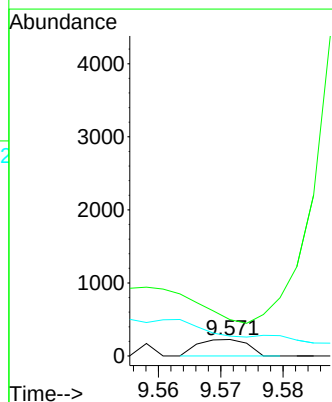
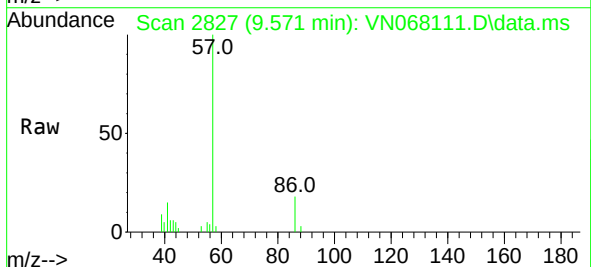
Instrument :  
MSVOA\_N  
ClientSampled :  
PB138399TB

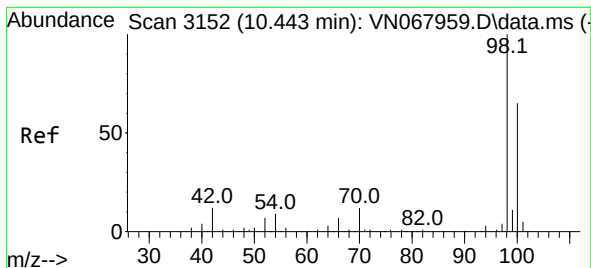
Tgt Ion: 41 Resp: 8693  
Ion Ratio Lower Upper  
41 100  
69 2.4 64.6 96.8#  
39 0.0 53.3 79.9#



#49  
1,4-Dioxane  
Concen: 2.322 ug/l  
RT: 9.571 min Scan# 2827  
Delta R.T. -0.001 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 88 Resp: 126  
Ion Ratio Lower Upper  
88 100  
43 0.0 28.8 43.2#  
58 0.0 60.4 90.6#

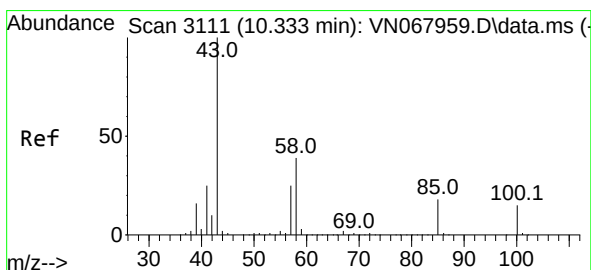
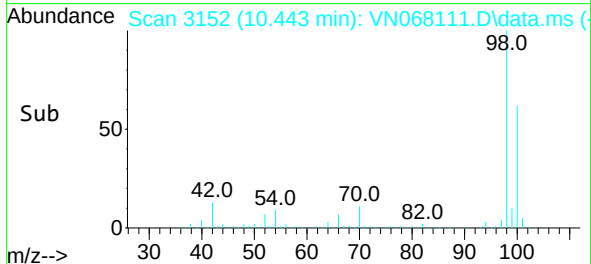
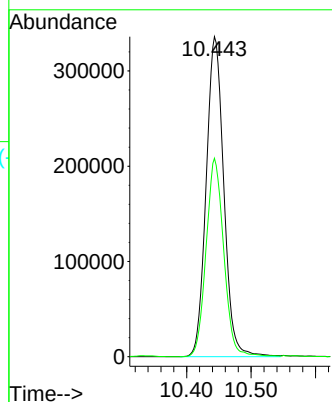
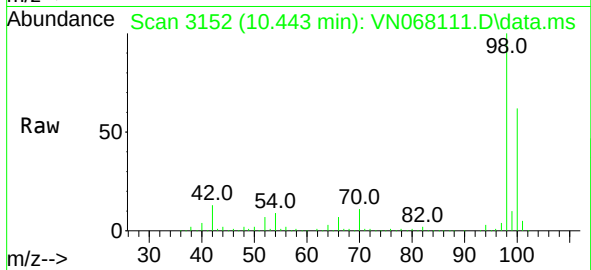




#50  
Toluene-d8  
Concen: 50.557 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

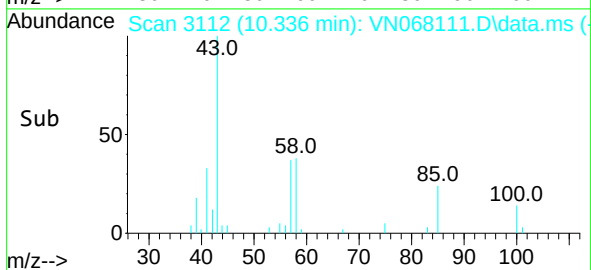
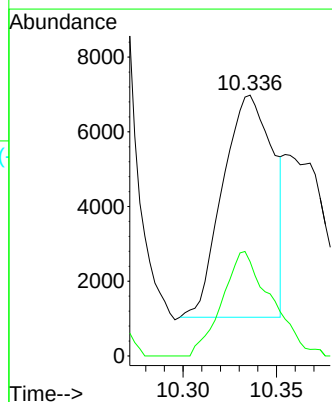
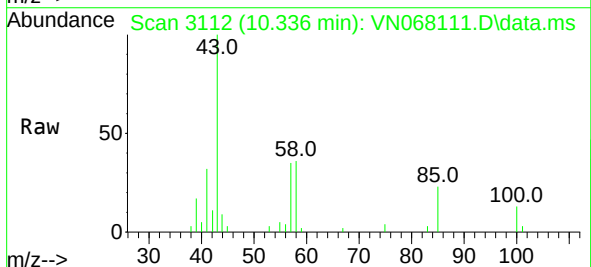
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

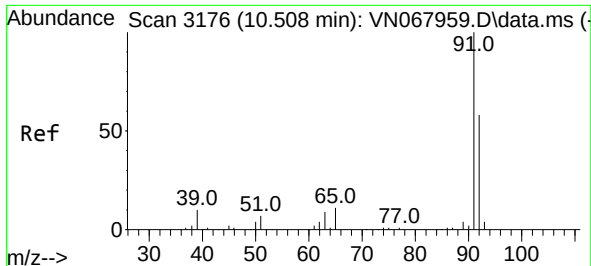
Tgt Ion: 98 Resp: 640186  
Ion Ratio Lower Upper  
98 100  
100 62.2 51.7 77.5



#51  
4-Methyl-2-Pentanone  
Concen: 14.700 ug/l  
RT: 10.336 min Scan# 3112  
Delta R.T. 0.003 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 43 Resp: 11168  
Ion Ratio Lower Upper  
43 100  
58 46.2 28.6 43.0#

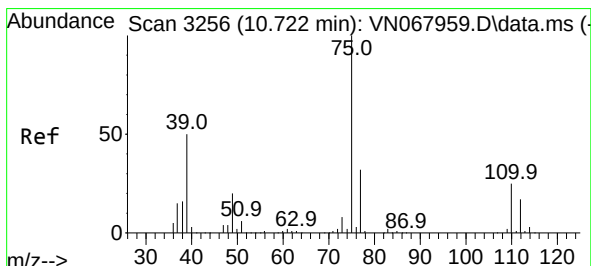
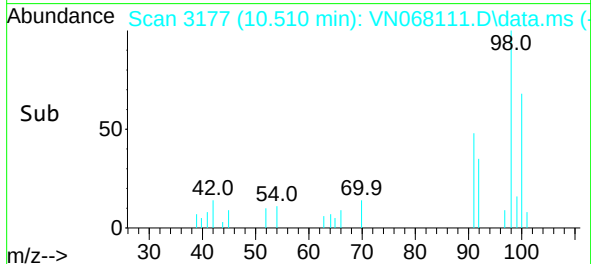
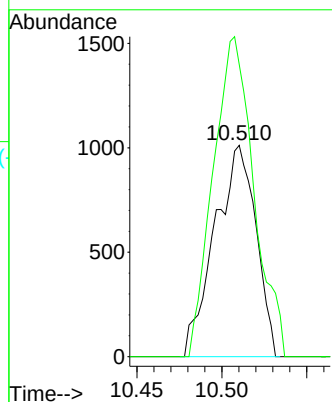
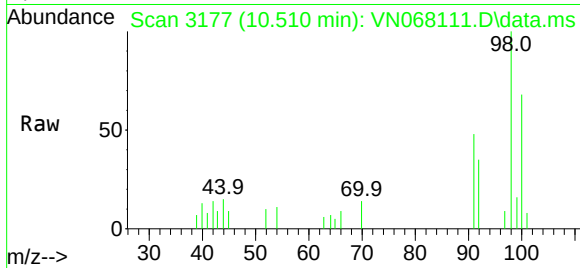




#52  
Toluene  
Concen: 0.204 ug/l  
RT: 10.510 min Scan# 3177  
Delta R.T. 0.002 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

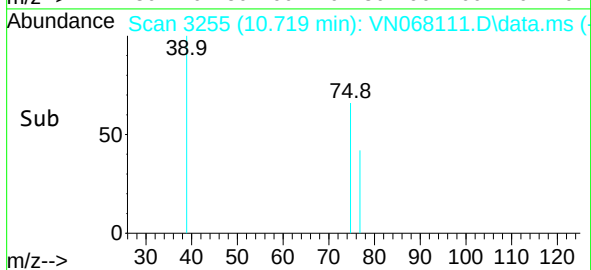
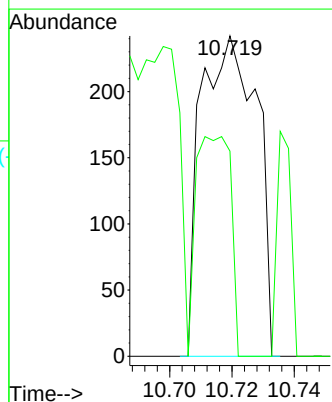
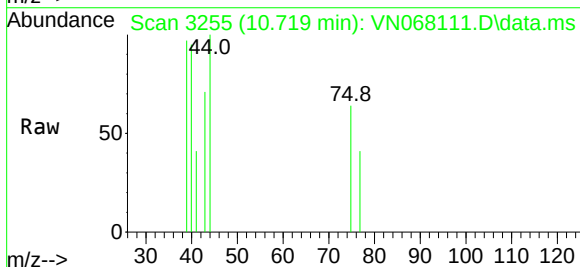
Instrument :  
MSVOA\_N  
ClientSampleId :  
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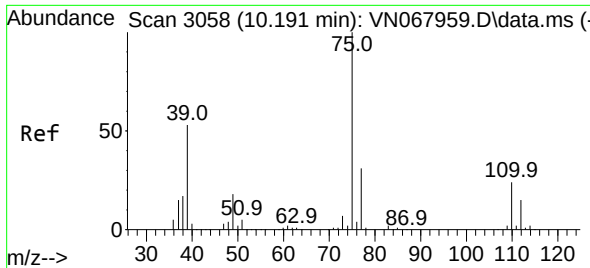
Tgt Ion: 92 Resp: 1704  
Ion Ratio Lower Upper  
92 100  
91 149.4 139.6 209.4



#53  
t-1,3-Dichloropropene  
Concen: 2.884 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. -0.003 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 75 Resp: 300  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.1 37.7#

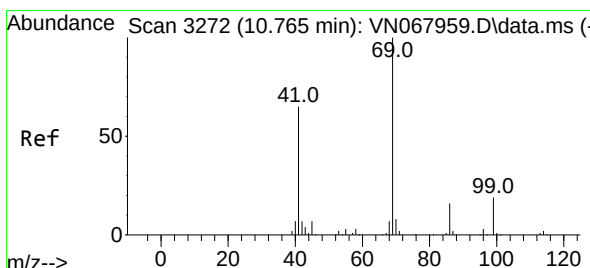
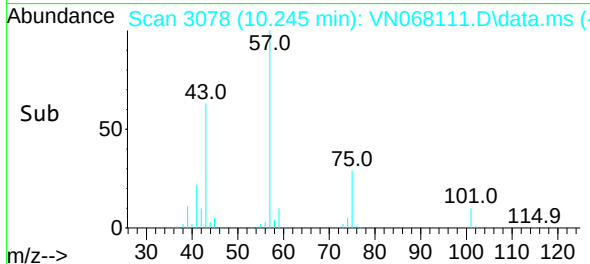
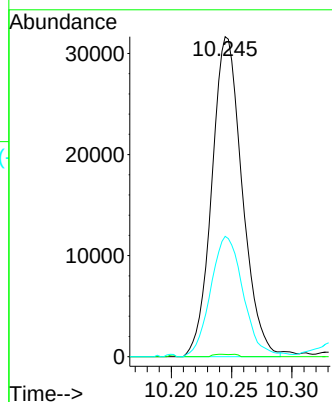
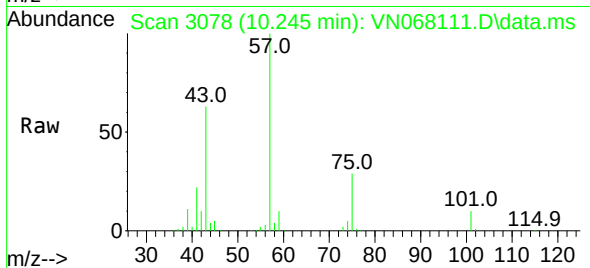




#54  
 cis-1,3-Dichloropropene  
 Concen: 11.422 ug/l  
 RT: 10.245 min Scan# 3078  
 Delta R.T. 0.054 min  
 Lab File: VN068111.D  
 Acq: 16 Aug 2021 13:20

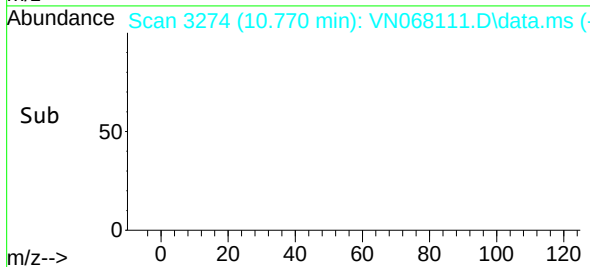
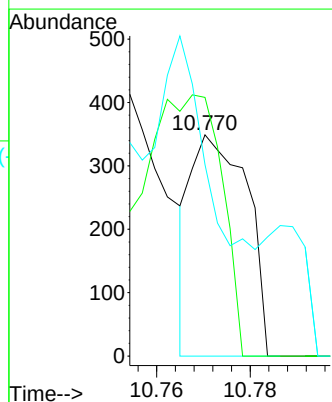
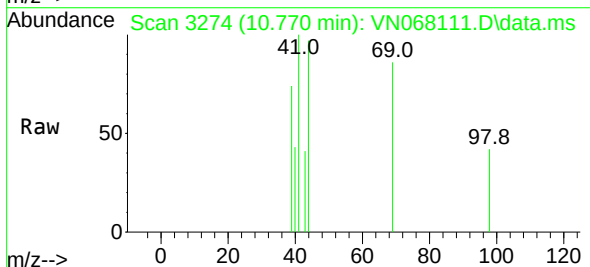
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Tgt Ion: 75 Resp: 55390  
 Ion Ratio Lower Upper  
 75 100  
 77 0.7 24.6 37.0#  
 39 36.9 50.7 76.1#

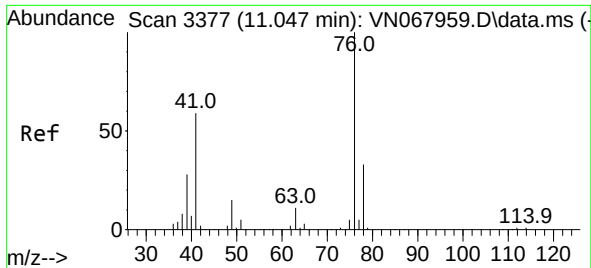


#56  
 Ethyl methacrylate  
 Concen: 3.145 ug/l  
 RT: 10.770 min Scan# 3274  
 Delta R.T. 0.005 min  
 Lab File: VN068111.D  
 Acq: 16 Aug 2021 13:20

Tgt Ion: 69 Resp: 290  
 Ion Ratio Lower Upper  
 69 100  
 41 0.0 58.6 88.0#  
 39 217.2 38.3 57.5#



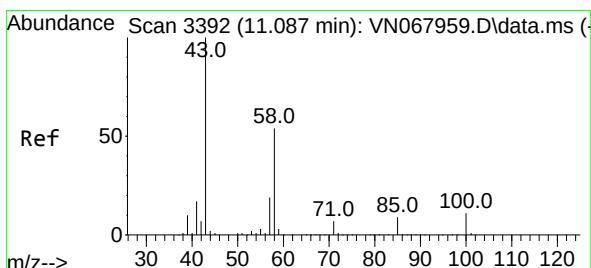
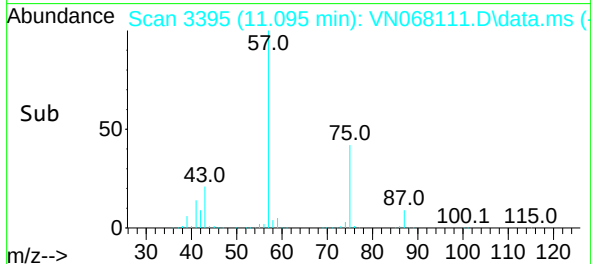
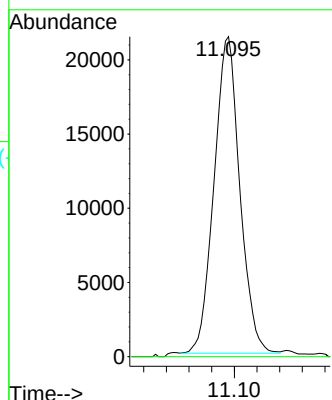
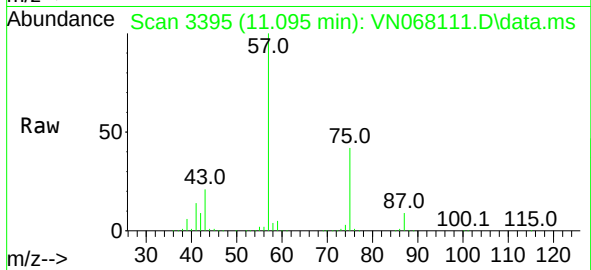




#57  
1,3-Dichloropropane  
Concen: 6.363 ug/l  
RT: 11.095 min Scan# 3395  
Delta R.T. 0.048 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

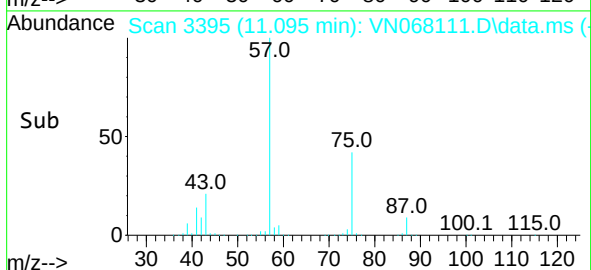
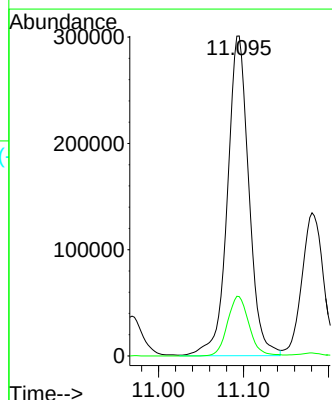
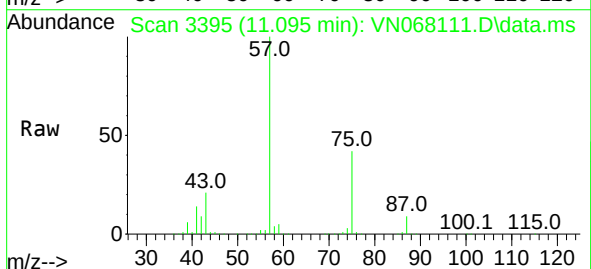
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

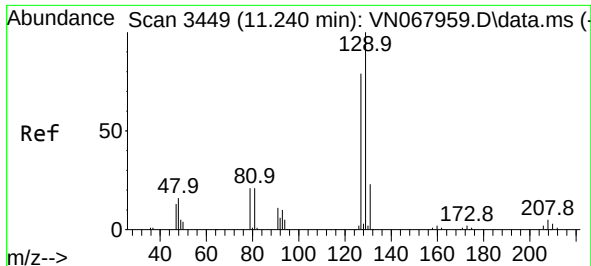
Tgt Ion: 76 Resp: 33668  
Ion Ratio Lower Upper  
76 100  
78 0.0 25.7 38.5#



#59  
2-Hexanone  
Concen: 154.397 ug/l  
RT: 11.095 min Scan# 3395  
Delta R.T. 0.008 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 43 Resp: 528148  
Ion Ratio Lower Upper  
43 100  
58 18.8 24.7 74.1#

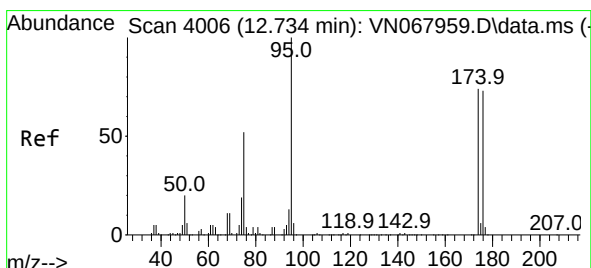
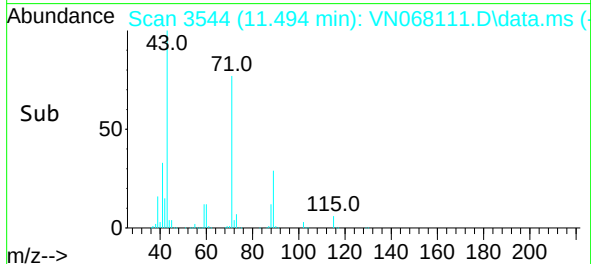
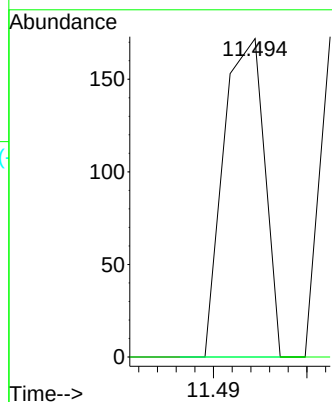
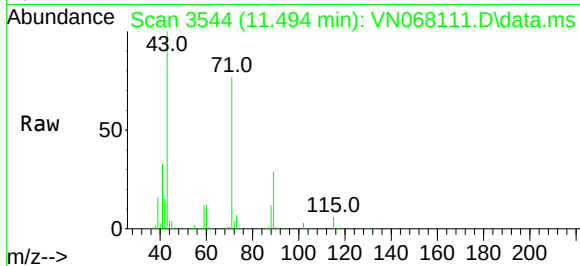




#60  
Dibromochloromethane  
Concen: 3.314 ug/l  
RT: 11.494 min Scan# 3544  
Delta R.T. 0.254 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

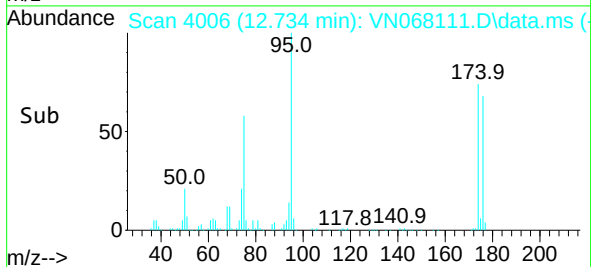
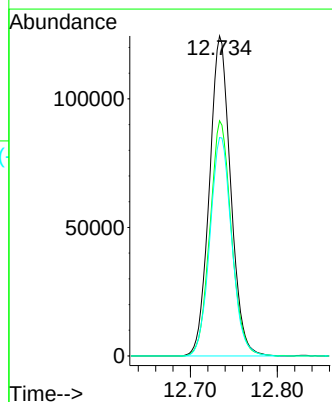
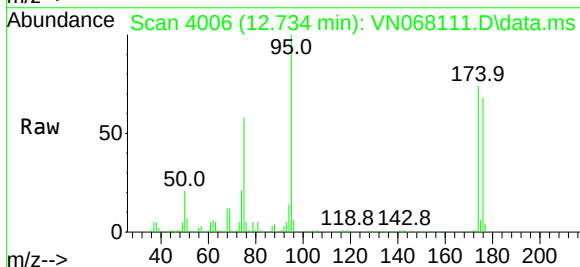
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

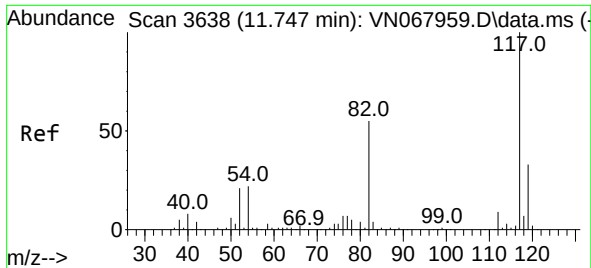
Tgt Ion:129 Resp: 52  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.6 115.8#



#62  
4-Bromofluorobenzene  
Concen: 46.094 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 95 Resp: 211443  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 122.0  
176 69.9 0.0 117.6

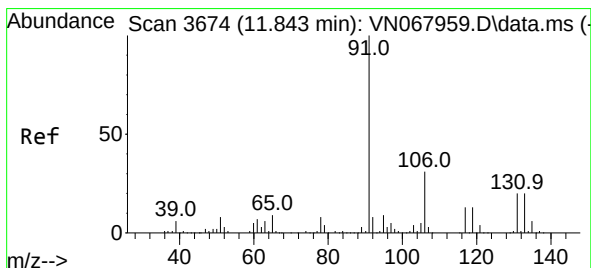
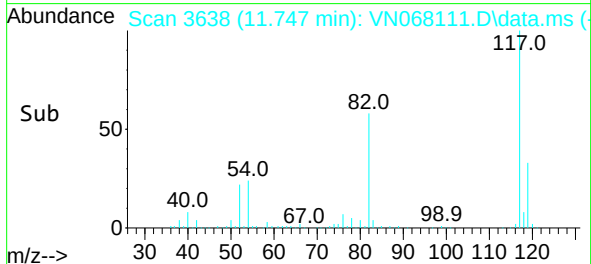
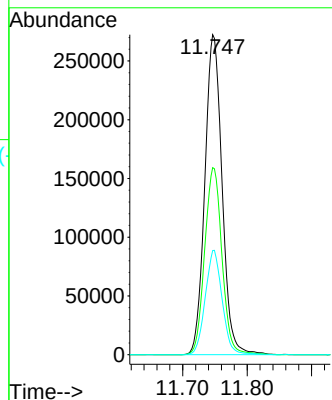
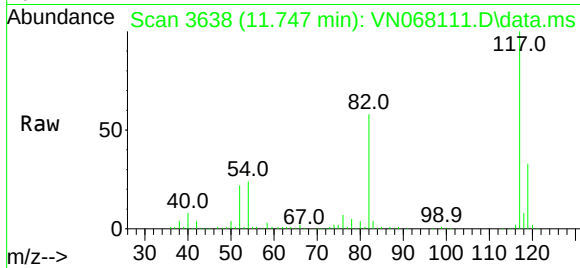




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

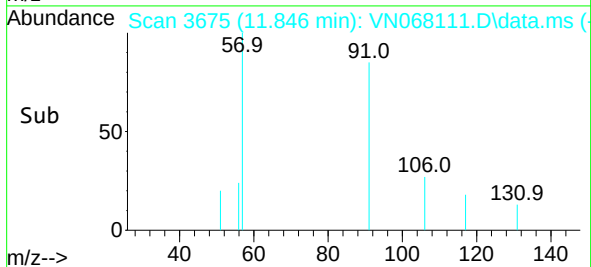
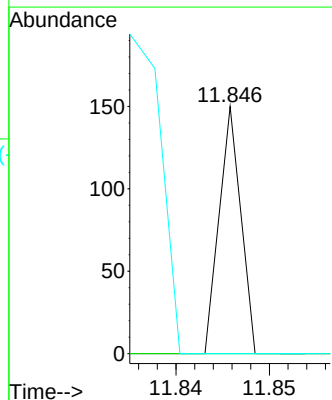
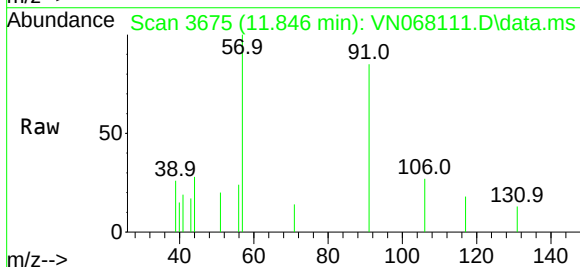
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

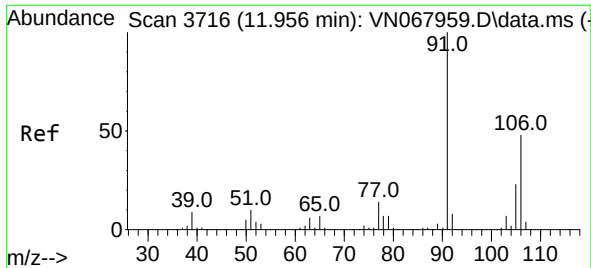
Tgt Ion:117 Resp: 506388  
Ion Ratio Lower Upper  
117 100  
82 58.5 53.1 79.7  
119 32.6 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.855 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.003 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion:131 Resp: 24  
Ion Ratio Lower Upper  
131 100  
133 0.0 47.5 142.5#  
119 0.0 33.1 99.3#

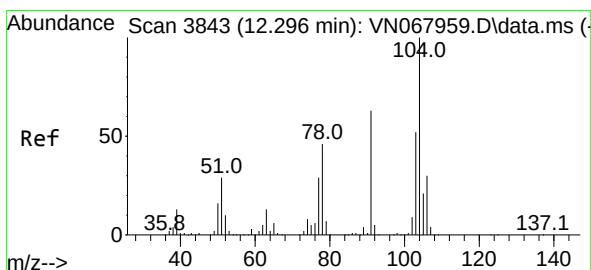
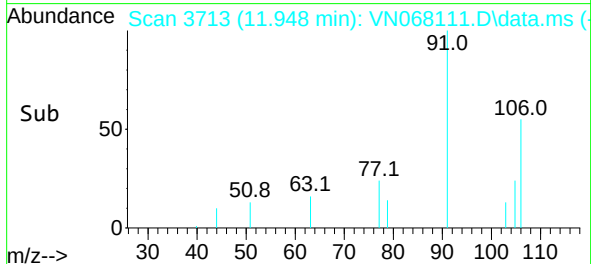
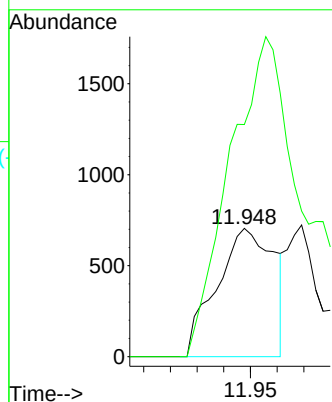
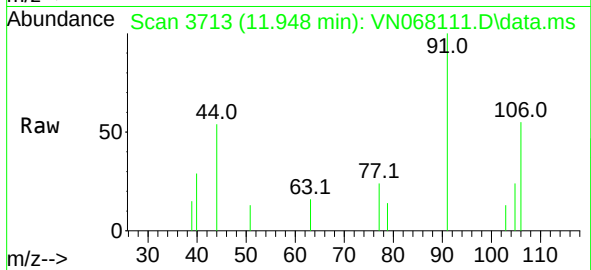




#68  
m/p-Xylenes  
Concen: 4.188 ug/l  
RT: 11.948 min Scan# 3713  
Delta R.T. -0.008 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

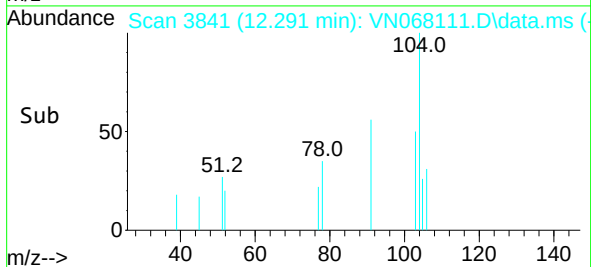
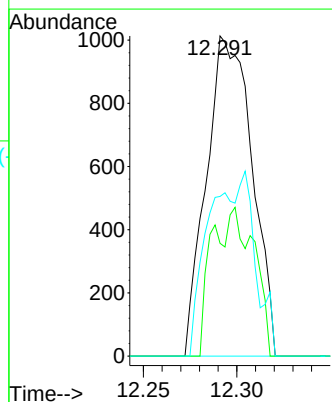
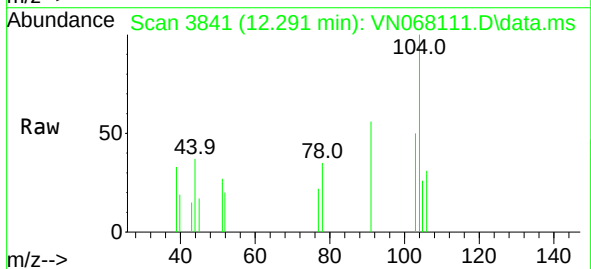
Instrument :  
MSVOA\_N  
ClientSampled :  
PB138399TB

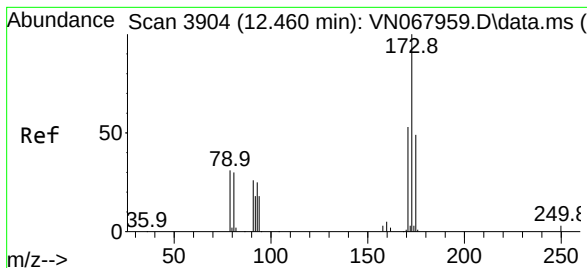
Tgt Ion:106 Resp: 1050  
Ion Ratio Lower Upper  
106 100  
91 315.8 180.6 270.8#



#70  
Styrene  
Concen: 2.754 ug/l  
RT: 12.291 min Scan# 3841  
Delta R.T. -0.005 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion:104 Resp: 1721  
Ion Ratio Lower Upper  
104 100  
78 16.5 48.2 72.2#  
103 35.7 44.5 66.7#





#71

Bromoform

Concen: 4.066 ug/l

RT: 12.712 min Scan# 3998

Delta R.T. 0.252 min

Lab File: VN068111.D

Acq: 16 Aug 2021 13:20

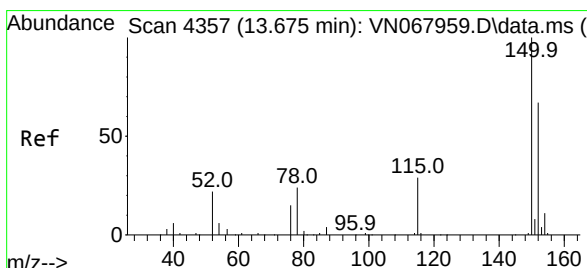
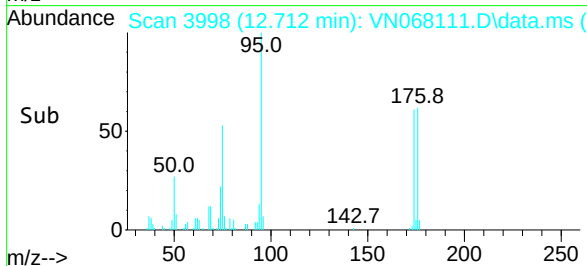
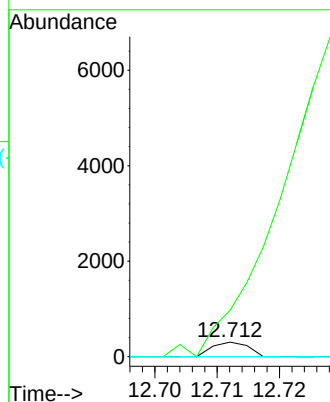
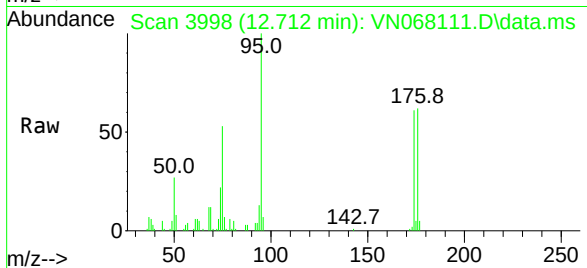
Tgt Ion:173 Resp: 123

Ion Ratio Lower Upper

173 100

175 0.0 23.9 71.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 4358

Delta R.T. 0.003 min

Lab File: VN068111.D

Acq: 16 Aug 2021 13:20

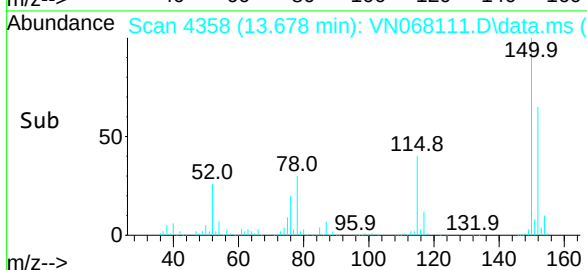
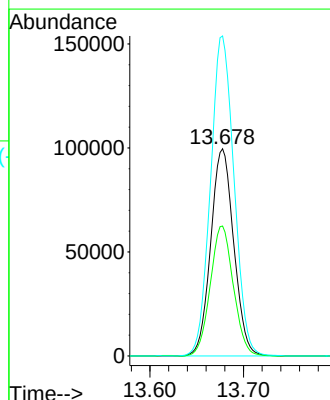
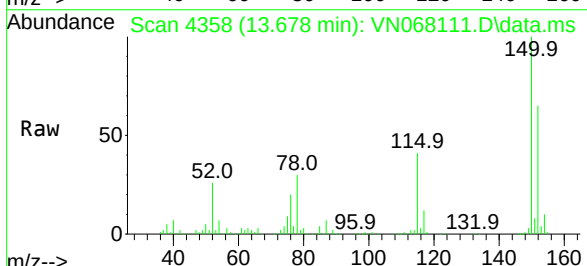
Tgt Ion:152 Resp: 170550

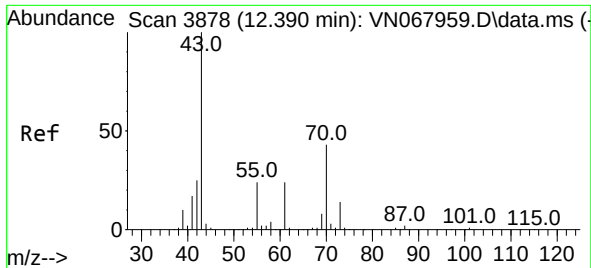
Ion Ratio Lower Upper

152 100

115 62.8 36.1 108.5

150 157.8 0.0 351.8

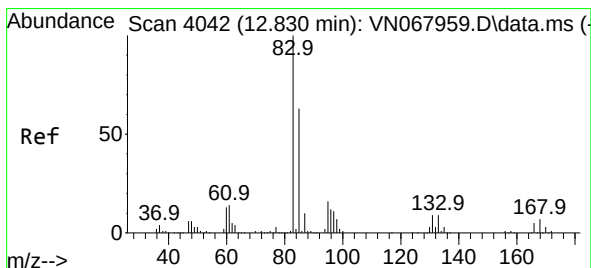
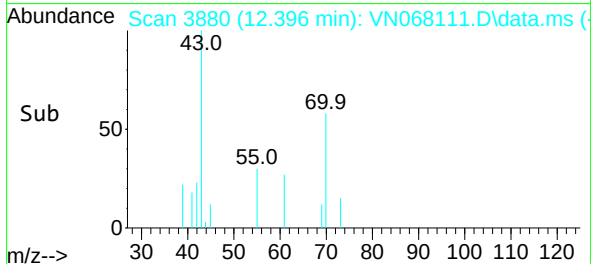
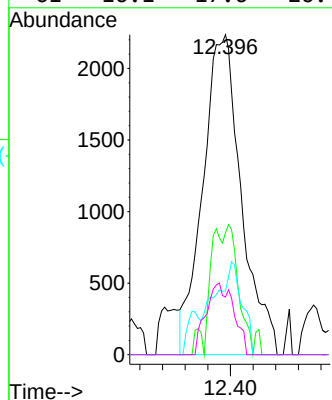
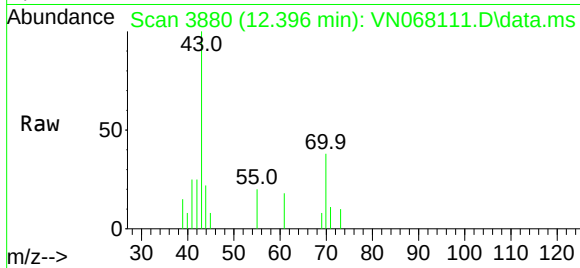




#74  
N-amy1 acetate  
Concen: 1.090 ug/l  
RT: 12.396 min Scan# 3880  
Delta R.T. 0.006 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

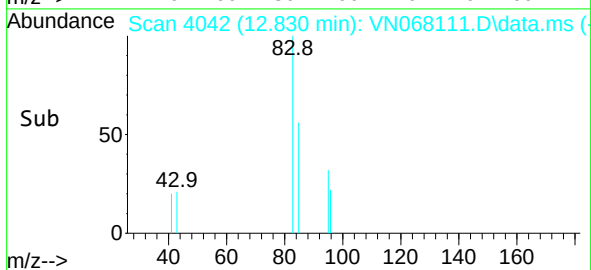
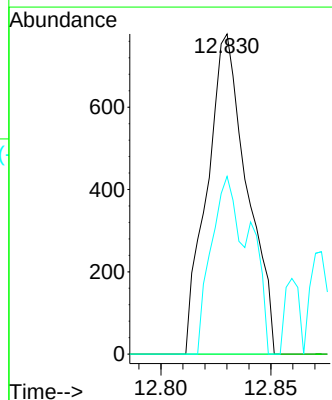
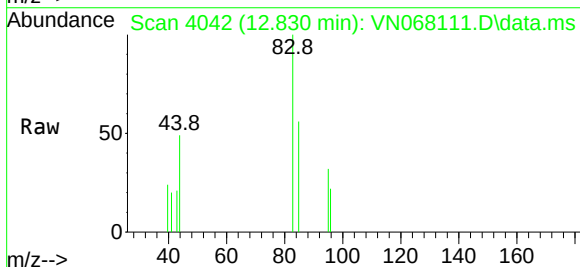
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

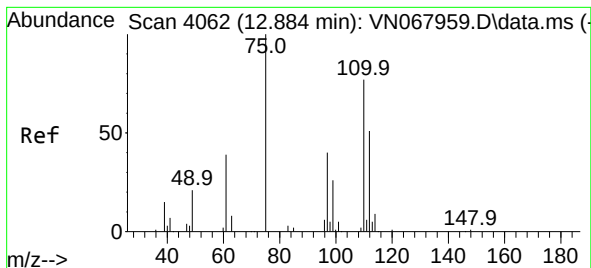
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 5271  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 12.9  | 29.4  | 44.2# |
| 55       | 20.6  | 17.0  | 25.4  |
| 61       | 16.1  | 17.6  | 26.4# |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.234 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 982   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 0.0   | 4.8   | 14.4# |
| 85       | 40.1  | 32.2  | 96.6  |





#76

1,2,3-Trichloropropane

Concen: 35.271 ug/l

RT: 12.734 min Scan# 4006

Delta R.T. -0.150 min

Lab File: VN068111.D

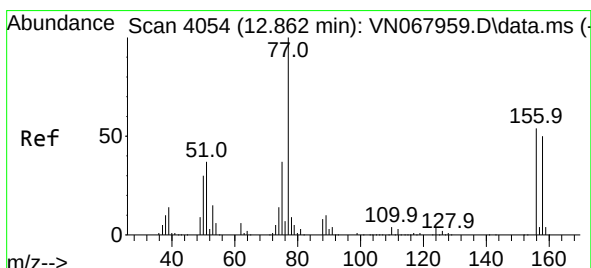
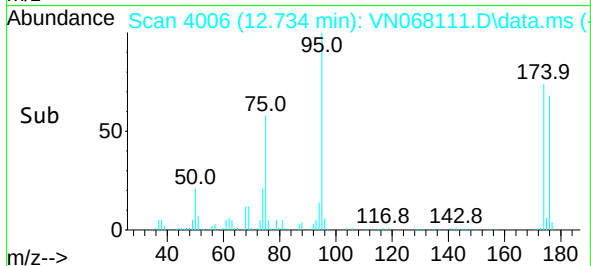
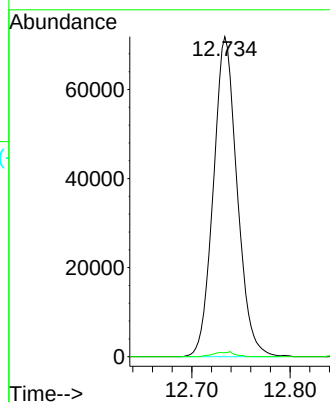
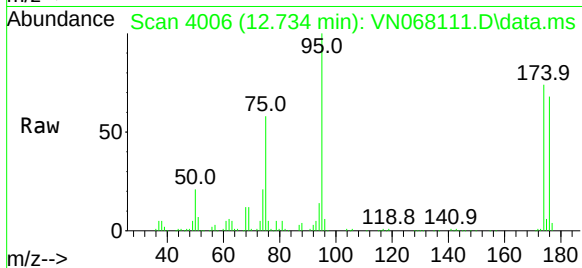
Acq: 16 Aug 2021 13:20

Tgt Ion: 75 Resp: 120808

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#77

Bromobenzene

Concen: 0.272 ug/l

RT: 12.865 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VN068111.D

Acq: 16 Aug 2021 13:20

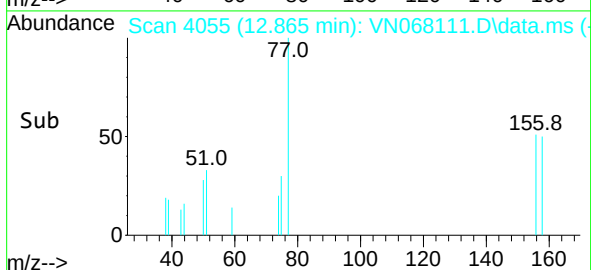
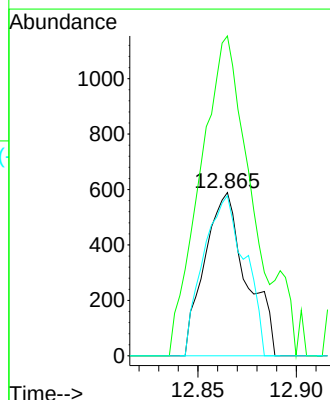
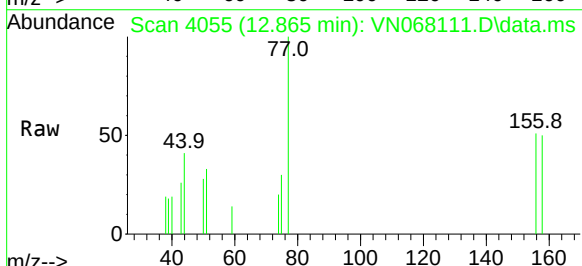
Tgt Ion: 156 Resp: 870

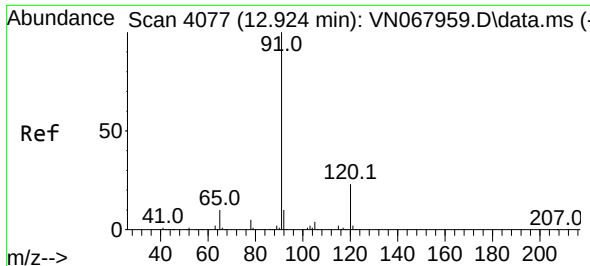
Ion Ratio Lower Upper

156 100

77 225.9 136.2 408.6

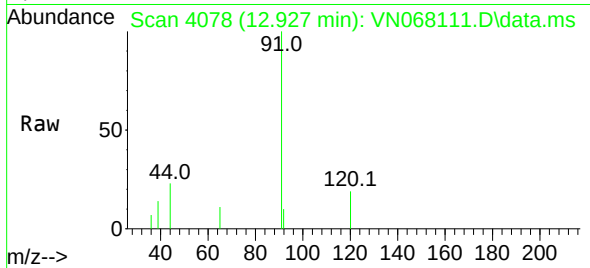
158 97.1 48.4 145.3



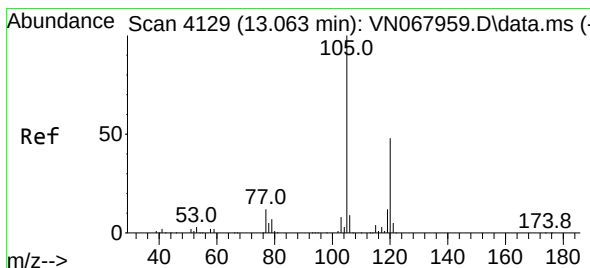
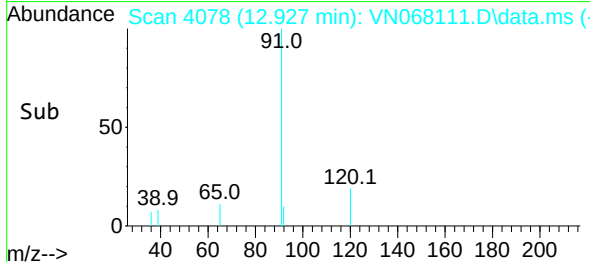
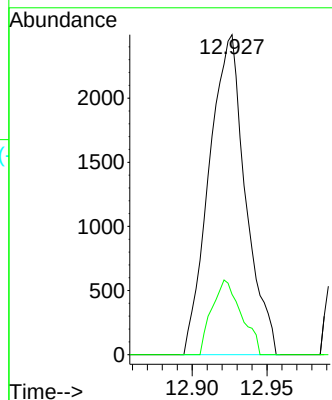


#78  
n-propylbenzene  
Concen: 0.269 ug/l  
RT: 12.927 min Scan# 4078  
Delta R.T. 0.003 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

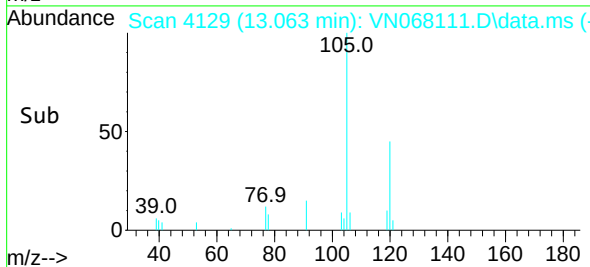
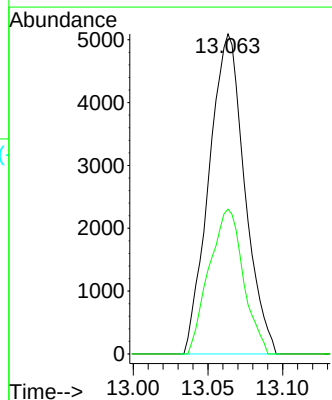
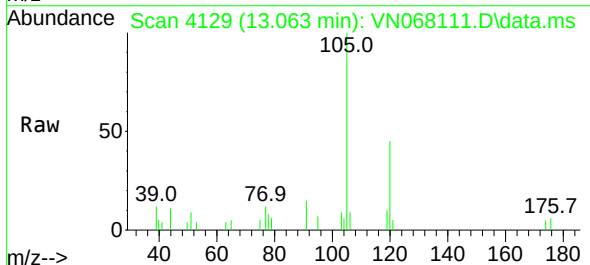


Tgt Ion: 91 Resp: 4223  
Ion Ratio Lower Upper  
91 100  
120 18.9 10.4 31.4

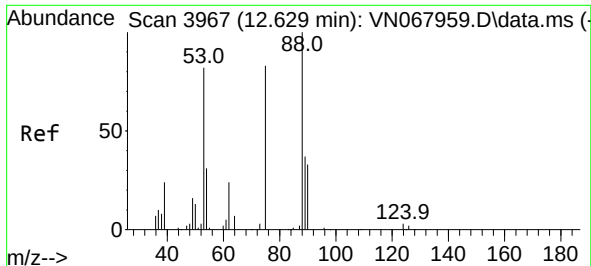


#80  
1,3,5-Trimethylbenzene  
Concen: 0.749 ug/l  
RT: 13.063 min Scan# 4129  
Delta R.T. 0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 105 Resp: 8443  
Ion Ratio Lower Upper  
105 100  
120 43.3 22.2 66.6



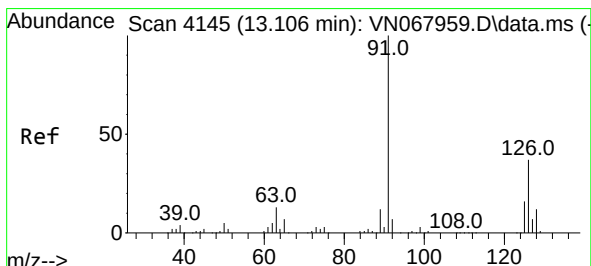
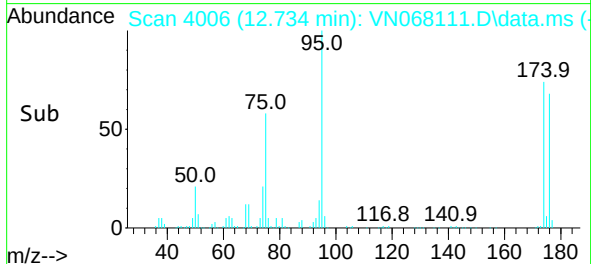
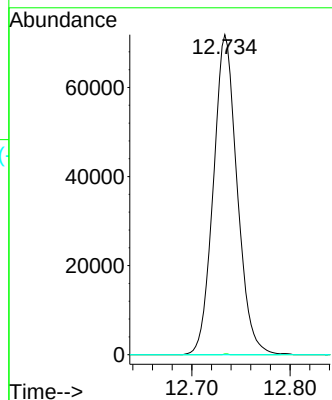
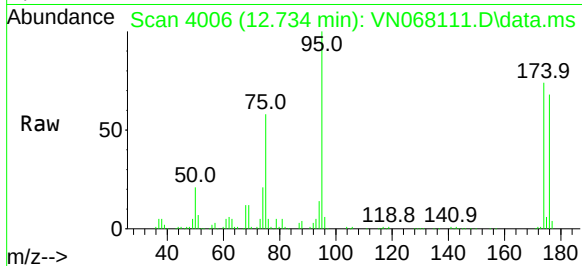




#81  
trans-1,4-Dichloro-2-butene  
Concen: 94.412 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.105 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

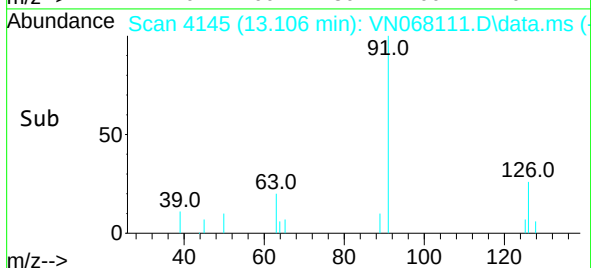
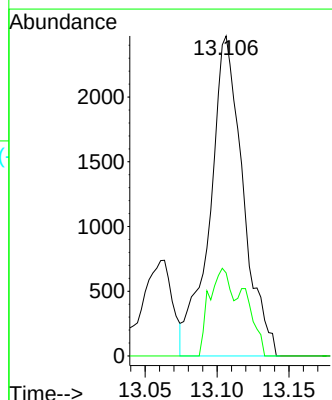
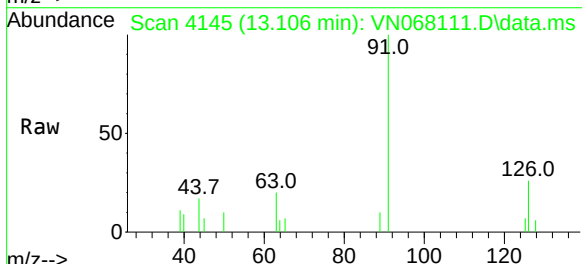
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

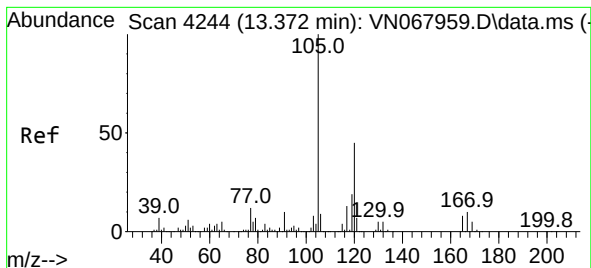
Tgt Ion: 75 Resp: 120808  
Ion Ratio Lower Upper  
75 100  
53 0.1 87.6 131.4#  
89 0.0 37.8 56.8#



#82  
4-Chlorotoluene  
Concen: 0.411 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 91 Resp: 3945  
Ion Ratio Lower Upper  
91 100  
126 18.5 14.8 44.4





#84

1,2,4-Trimethylbenzene

Concen: 0.304 ug/l

RT: 13.366 min Scan# 4242

Delta R.T. -0.006 min

Lab File: VN068111.D

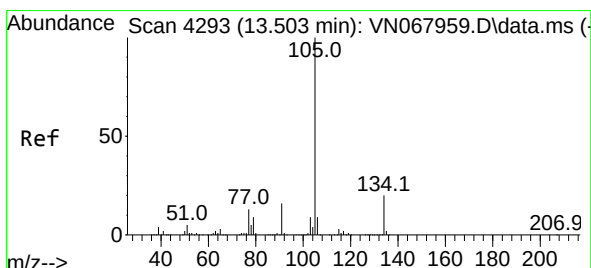
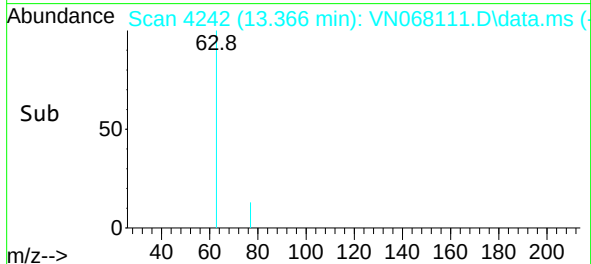
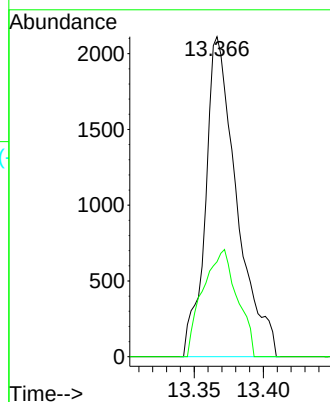
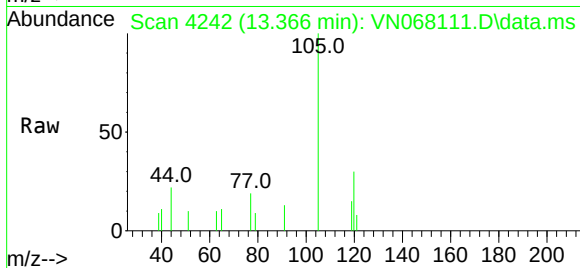
Acq: 16 Aug 2021 13:20

Tgt Ion:105 Resp: 3319

Ion Ratio Lower Upper

105 100

120 36.7 20.6 61.8



#85

sec-Butylbenzene

Concen: 0.236 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. 0.000 min

Lab File: VN068111.D

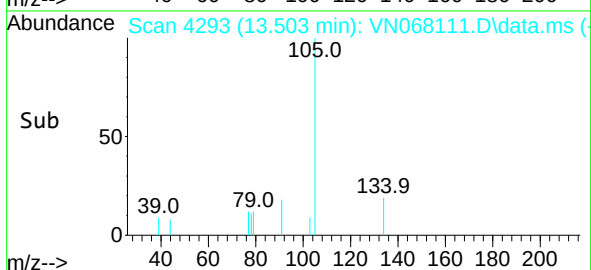
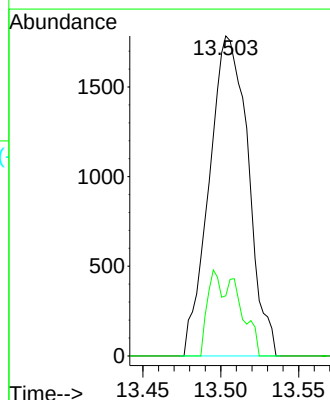
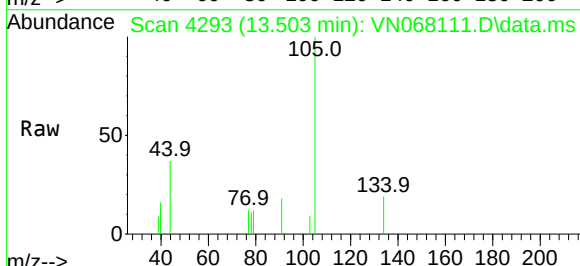
Acq: 16 Aug 2021 13:20

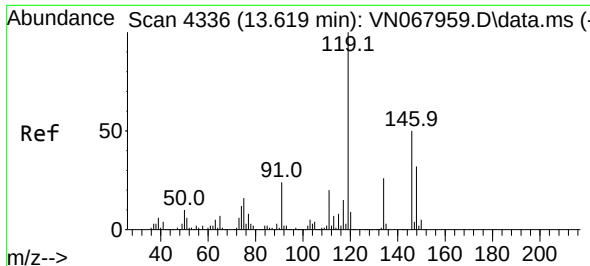
Tgt Ion:105 Resp: 3097

Ion Ratio Lower Upper

105 100

134 9.6 9.0 27.1

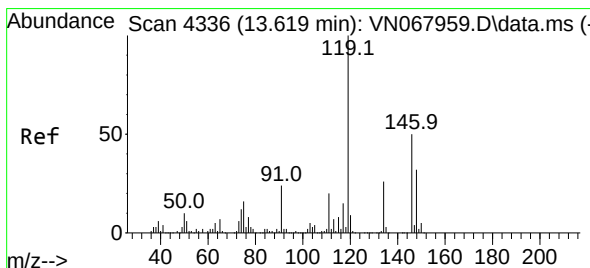
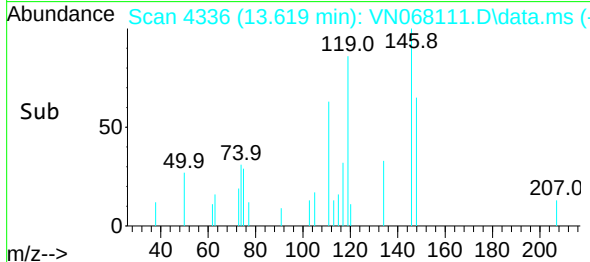
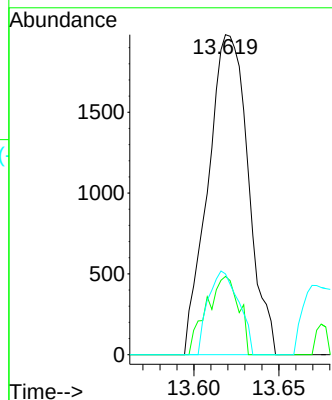
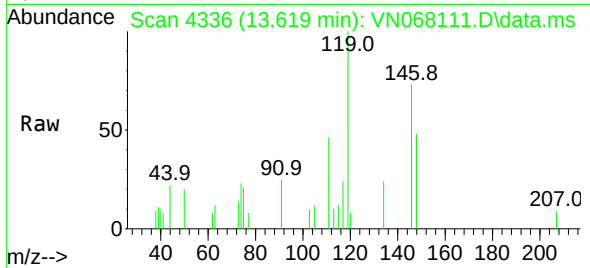




#86  
p-Isopropyltoluene  
Concen: 0.312 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. -0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

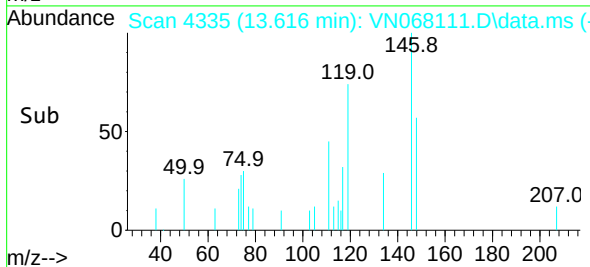
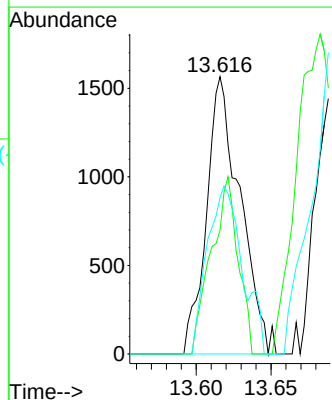
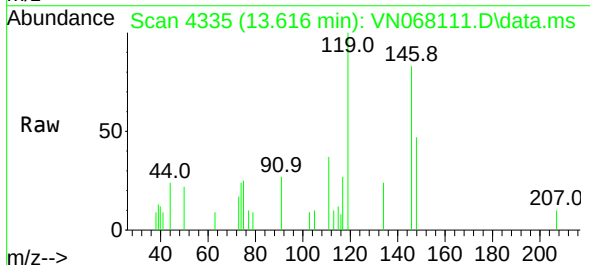
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

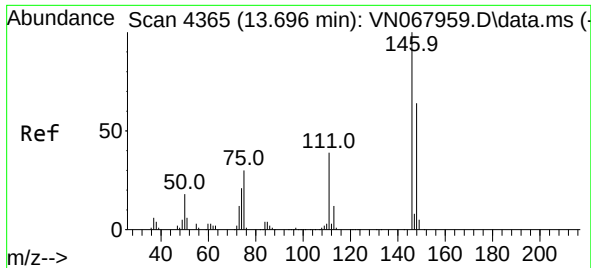
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 3258  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 19.5  | 12.4  | 37.4  |
| 91       | 19.8  | 14.8  | 44.3  |



#87  
1,3-Dichlorobenzene  
Concen: 0.418 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.003 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 2453  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 50.8  | 24.3  | 72.8  |
| 148      | 63.1  | 32.0  | 96.0  |

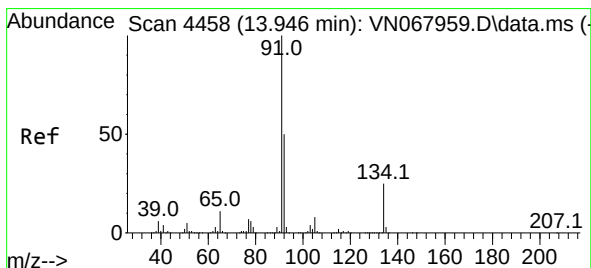
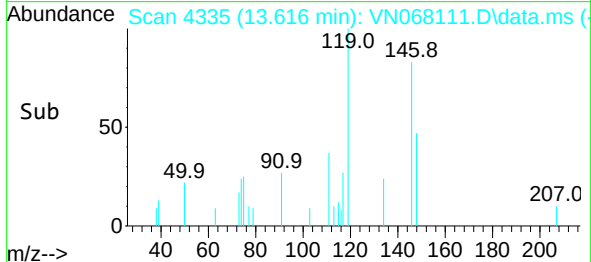
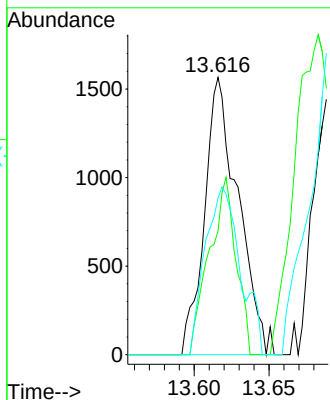
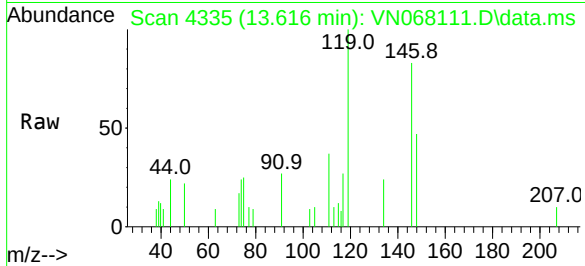




#88  
1,4-Dichlorobenzene  
Concen: 0.423 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.080 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

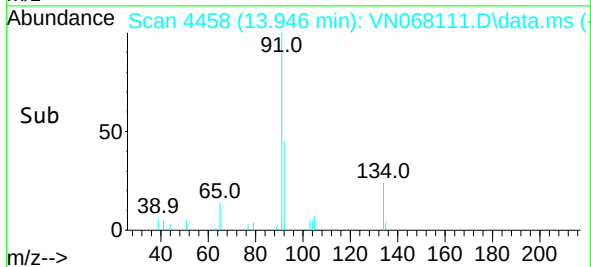
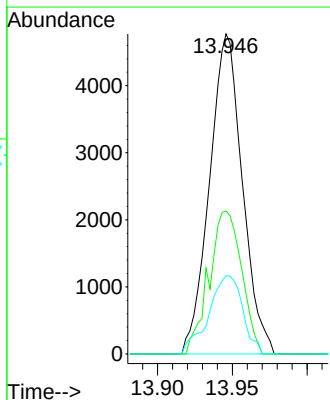
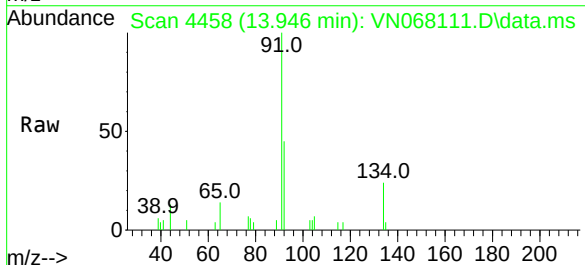
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ClientSampled :  
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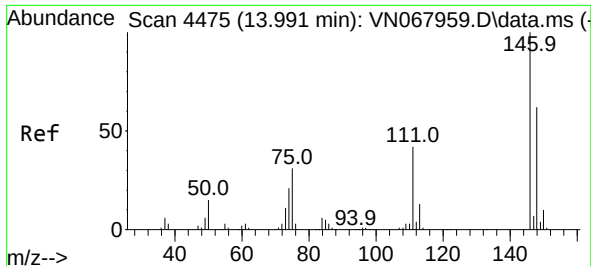
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 2453  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 50.8  | 23.4  | 70.2  |
| 148      | 63.1  | 31.8  | 95.3  |



#89  
n-Butylbenzene  
Concen: 0.815 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 7294  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 44.3  | 25.7  | 77.1  |
| 134      | 25.3  | 11.2  | 33.6  |

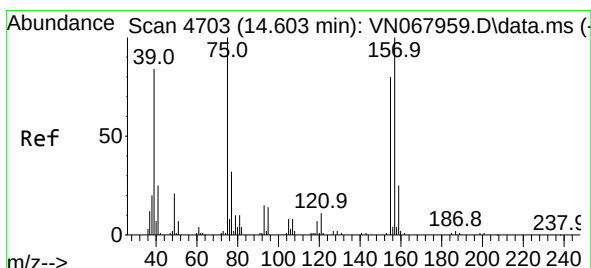
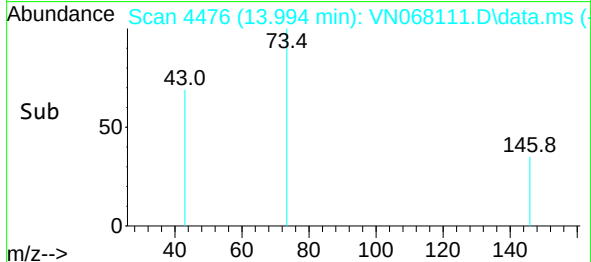
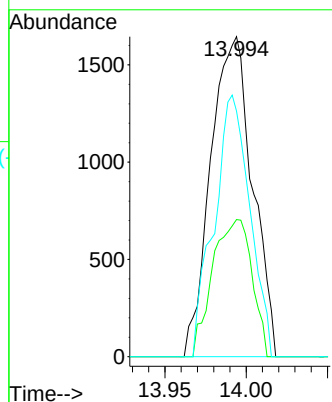
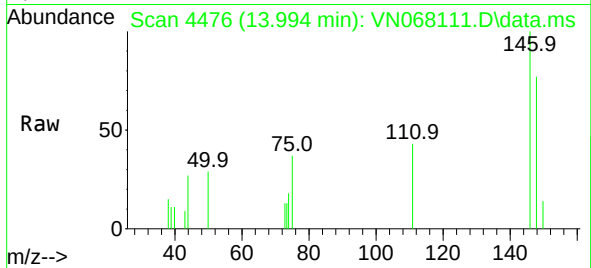




#91  
1,2-Dichlorobenzene  
Concen: 0.532 ug/l  
RT: 13.994 min Scan# 4476  
Delta R.T. 0.003 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

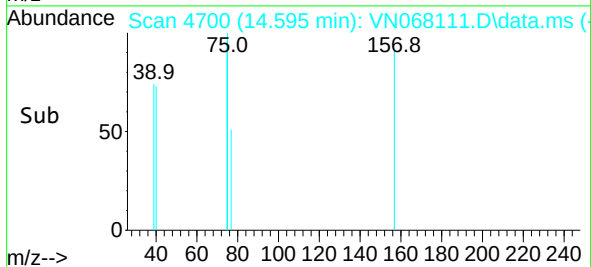
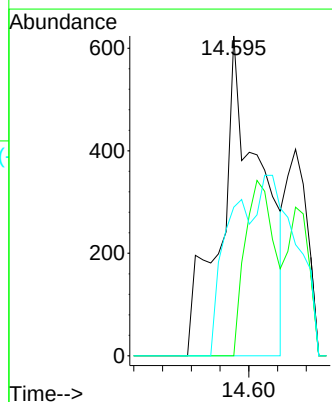
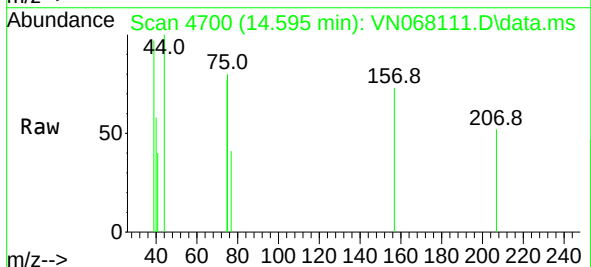
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ClientSampled :  
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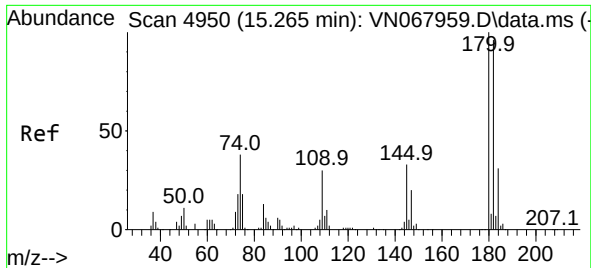
Tgt Ion:146 Resp: 2938  
Ion Ratio Lower Upper  
146 100  
111 40.4 24.9 74.6  
148 70.2 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.900 ug/l  
RT: 14.595 min Scan# 4700  
Delta R.T. -0.008 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion: 75 Resp: 604  
Ion Ratio Lower Upper  
75 100  
155 0.0 29.8 89.5#  
157 34.1 37.6 112.8#

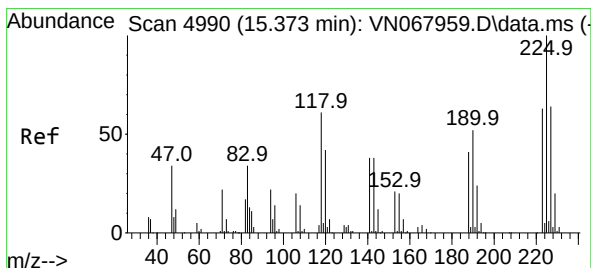
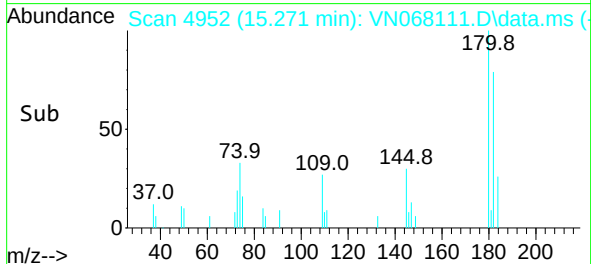
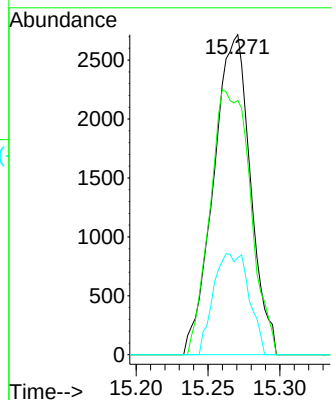
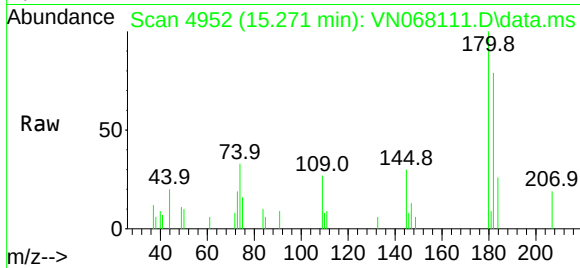




#93  
1,2,4-Trichlorobenzene  
Concen: 4.323 ug/l  
RT: 15.271 min Scan# 4952  
Delta R.T. 0.006 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

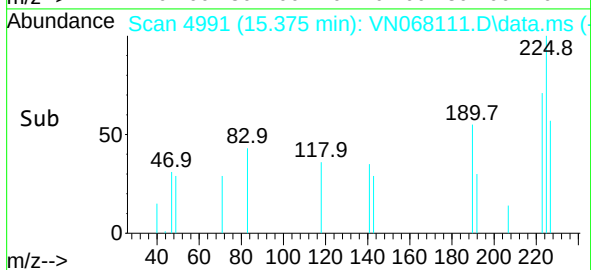
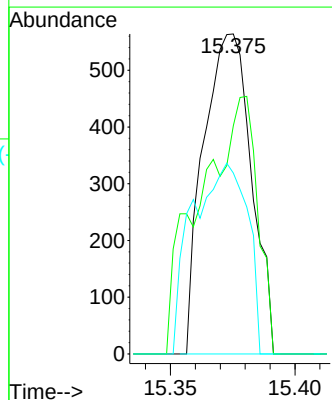
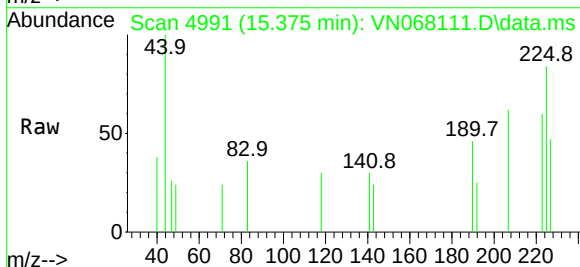
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MSVOA\_N  
ClientSampled :  
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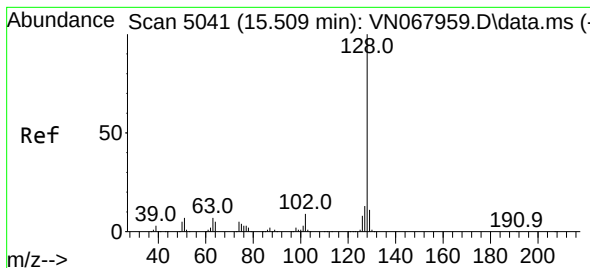
Tgt Ion:180 Resp: 4837  
Ion Ratio Lower Upper  
180 100  
182 90.6 47.5 142.5  
145 30.4 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 0.656 ug/l  
RT: 15.375 min Scan# 4991  
Delta R.T. 0.002 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Tgt Ion:225 Resp: 753  
Ion Ratio Lower Upper  
225 100  
223 96.3 31.4 94.0#  
227 68.8 31.2 93.6

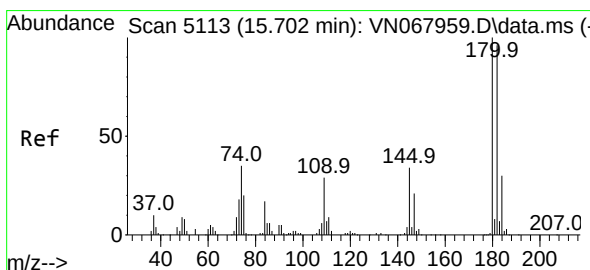
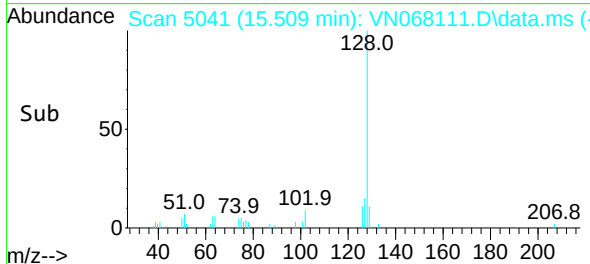
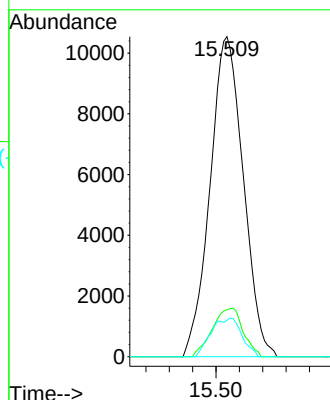
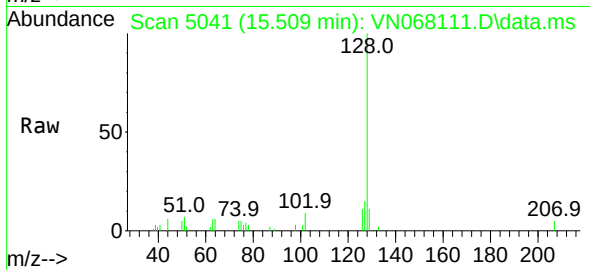




#95  
Naphthalene  
Concen: 5.862 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.000 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138399TB

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 20793 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.0  | 10.6  | 15.8  |
| 129      | 11.2  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 4.489 ug/l  
RT: 15.705 min Scan# 5114  
Delta R.T. 0.003 min  
Lab File: VN068111.D  
Acq: 16 Aug 2021 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 5220  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 92.8  | 47.8  | 143.3 |
| 145      | 19.3  | 18.2  | 54.6  |

