

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070821\  
 Data File : VN067657.D  
 Acq On : 8 Jul 2021 12:28  
 Operator : JC/MD  
 Sample : M2940-07 .5PPB LOD  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 09 04:51:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 09 04:50:26 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 322530   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 611986   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.749 | 117  | 569441   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.677 | 152  | 207046   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 270369   | 55.467   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 110.940% |      |
| 35) Dibromofluoromethane    | 8.024  | 113   | 186404   | 50.414   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 100.820% |      |
| 50) Toluene-d8              | 10.443 | 98    | 761680   | 49.215   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 98.420%  |      |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 244199   | 44.666   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 89.340%  |      |

|                              |       |     |        |       |        |    |
|------------------------------|-------|-----|--------|-------|--------|----|
| Target Compounds             |       |     | Qvalue |       |        |    |
| 2) Dichlorodifluoromethane   | 2.070 | 85  | 1391   | 0.507 | ug/l   | 97 |
| 3) Chloromethane             | 2.303 | 50  | 2654   | 0.611 | ug/l   | 91 |
| 4) Vinyl Chloride            | 2.443 | 62  | 3437   | 0.524 | ug/l   | 90 |
| 5) Bromomethane              | 2.866 | 94  | 4861   | 0.899 | ug/l   | 91 |
| 6) Chloroethane              | 3.022 | 64  | 2774   | 0.571 | ug/l # | 81 |
| 7) Trichlorofluoromethane    | 3.379 | 101 | 6140   | 0.505 | ug/l   | 99 |
| 8) Diethyl Ether             | 3.824 | 74  | 746    | 0.286 | ug/l # | 14 |
| 9) 1,1,2-Trichlorotrifluo... | 4.191 | 101 | 694    | 0.232 | ug/l # | 51 |
| 10) Methyl Iodide            | 4.417 | 142 | 1393   | 0.391 | ug/l # | 67 |
| 12) 1,1-Dichloroethene       | 4.167 | 96  | 618    | 0.215 | ug/l # | 75 |
| 13) Acrolein                 | 4.028 | 56  | 538    | 1.430 | ug/l # | 1  |
| 15) Acrylonitrile            | 5.567 | 53  | 4065   | 2.340 | ug/l # | 85 |
| 16) Acetone                  | 4.293 | 43  | 5778   | 3.767 | ug/l # | 83 |
| 17) Carbon Disulfide         | 4.519 | 76  | 2527   | 0.318 | ug/l # | 92 |
| 18) Methyl Acetate           | 4.859 | 43  | 1958   | 0.454 | ug/l # | 79 |
| 19) Methyl tert-butyl Ether  | 5.623 | 73  | 5061   | 0.426 | ug/l # | 87 |
| 20) Methylene Chloride       | 5.087 | 84  | 2497   | 0.616 | ug/l   | 96 |
| 21) trans-1,2-Dichloroethene | 5.602 | 96  | 864    | 0.255 | ug/l # | 65 |
| 22) Diisopropyl ether        | 6.492 | 45  | 3615   | 0.302 | ug/l # | 62 |
| 23) Vinyl Acetate            | 6.436 | 43  | 19202  | 1.878 | ug/l   | 97 |
| 24) 1,1-Dichloroethane       | 6.382 | 63  | 1941   | 0.291 | ug/l # | 85 |
| 25) 2-Butanone               | 7.356 | 43  | 6696   | 2.629 | ug/l   | 92 |
| 26) 2,2-Dichloropropane      | 7.321 | 77  | 1785   | 0.306 | ug/l   | 98 |
| 27) cis-1,2-Dichloroethene   | 7.329 | 96  | 1756   | 0.414 | ug/l   | 79 |
| 28) Bromochloromethane       | 7.664 | 49  | 1617   | 0.497 | ug/l # | 76 |
| 29) Tetrahydrofuran          | 7.699 | 42  | 3884   | 2.319 | ug/l   | 92 |
| 30) Chloroform               | 7.817 | 83  | 2380   | 0.318 | ug/l   | 95 |
| 31) Cyclohexane              | 8.088 | 56  | 11482  | 1.680 | ug/l # | 29 |
| 32) 1,1,1-Trichloroethane    | 8.010 | 97  | 1314   | 0.202 | ug/l # | 23 |
| 36) 1,1-Dichloropropene      | 8.225 | 75  | 2620   | 0.461 | ug/l   | 97 |
| 37) Ethyl Acetate            | 7.356 | 43  | 6696   | 1.216 | ug/l # | 69 |
| 38) Carbon Tetrachloride     | 8.094 | 117 | 36565  | 6.521 | ug/l # | 17 |
| 39) Methylcyclohexane        | 9.456 | 83  | 3021   | 0.485 | ug/l # | 81 |
| 40) Benzene                  | 8.458 | 78  | 7614   | 0.447 | ug/l # | 89 |
| 42) 1,2-Dichloroethane       | 8.536 | 62  | 3413   | 0.540 | ug/l   | 84 |
| 43) Isopropyl Acetate        | 8.560 | 43  | 2421   | 0.250 | ug/l # | 92 |

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 Operator : JC/MD  
 Sample : M2940-07 .5PPB LOD  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

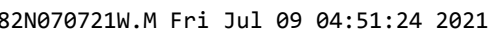
Instrument :  
 MSVOA\_N  
 ClientSampleId :

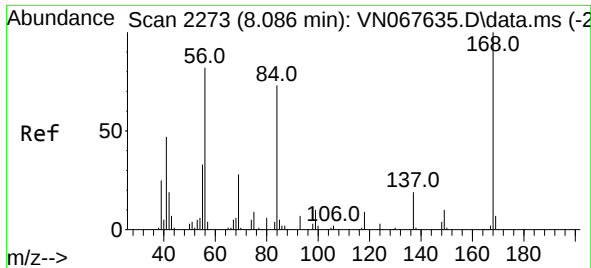
Quant Time: Jul 09 04:51:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 09 04:50:26 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 44) Trichloroethene           | 9.220  | 130  | 1729     | 0.400   | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 1876     | 0.435   | ug/l # | 80       |
| 46) Dibromomethane            | 9.585  | 93   | 1173     | 0.384   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.759  | 83   | 2638     | 0.441   | ug/l # | 88       |
| 48) Methyl methacrylate       | 9.563  | 41   | 2292     | 0.535   | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.577  | 88   | 438      | 5.897   | ug/l # | 56       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 12408    | 2.085   | ug/l   | 99       |
| 52) Toluene                   | 10.513 | 92   | 4817     | 0.432   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 2631     | 0.429   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 2607     | 0.392   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.896 | 97   | 1779     | 0.416   | ug/l # | 85       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 2767     | 0.420   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 3098     | 0.423   | ug/l   | 91       |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 2036     | 1.492   | ug/l # | 85       |
| 59) 2-Hexanone                | 11.092 | 43   | 9441     | 2.272   | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.242 | 129  | 1248     | 0.288   | ug/l   | 84       |
| 61) 1,2-Dibromoethane         | 11.350 | 107  | 1773     | 0.407   | ug/l   | 92       |
| 64) Tetrachloroethene         | 10.974 | 164  | 1875     | 0.466   | ug/l # | 81       |
| 65) Chlorobenzene             | 11.773 | 112  | 5097     | 0.436   | ug/l # | 87       |
| 66) 1,1,1,2-Tetrachloroethane | 11.848 | 131  | 1498     | 0.364   | ug/l # | 59       |
| 67) Ethyl Benzene             | 11.848 | 91   | 8703     | 0.409   | ug/l   | 93       |
| 68) m/p-Xylenes               | 11.958 | 106  | 6591     | 0.818   | ug/l   | 87       |
| 69) o-Xylene                  | 12.283 | 106  | 2935     | 0.371   | ug/l   | 99       |
| 70) Styrene                   | 12.299 | 104  | 4754     | 0.375   | ug/l   | 97       |
| 71) Bromoform                 | 12.465 | 173  | 798      | 0.287   | ug/l # | 29       |
| 73) Isopropylbenzene          | 12.586 | 105  | 8421     | 0.504   | ug/l   | 91       |
| 74) N-amyl acetate            | 12.390 | 43   | 3174     | 0.524   | ug/l # | 90       |
| 75) 1,1,1,2-Tetrachloroethane | 12.827 | 83   | 2531     | 0.522   | ug/l # | 96       |
| 76) 1,2,3-Trichloropropane    | 12.733 | 75   | 141182   | 33.390  | ug/l # | 100      |
| 77) Bromobenzene              | 12.868 | 156  | 1873     | 0.507   | ug/l   | 95       |
| 78) n-propylbenzene           | 12.924 | 91   | 9923     | 0.525   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 6190     | 0.542   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.066 | 105  | 6477     | 0.479   | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.733 | 75   | 141182   | 107.653 | ug/l # | 6        |
| 82) 4-Chlorotoluene           | 13.109 | 91   | 5974     | 0.529   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 5959     | 0.516   | ug/l   | 87       |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105  | 6907     | 0.521   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.506 | 105  | 7595     | 0.475   | ug/l   | 93       |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 5840     | 0.453   | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 3166     | 0.462   | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene       | 13.616 | 146  | 3166     | 0.451   | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.946 | 91   | 5522     | 0.499   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.217 | 117  | 762      | 0.356   | ug/l   | 63       |
| 91) 1,2-Dichlorobenzene       | 13.994 | 146  | 3579     | 0.541   | ug/l   | 90       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.608 | 75   | 310      | 0.368   | ug/l # | 57       |
| 93) 1,2,4-Trichlorobenzene    | 15.271 | 180  | 1699     | 0.596   | ug/l # | 61       |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 542      | 0.390   | ug/l # | 42       |
| 95) Naphthalene               | 15.509 | 128  | 6390     | 0.795   | ug/l # | 93       |
| 96) 1,2,3-Trichlorobenzene    | 15.705 | 180  | 1775     | 0.645   | ug/l   | 62       |

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

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QLast Update : Fri Jul 09 04:50:26 2021  
Response via : Initial Calibration

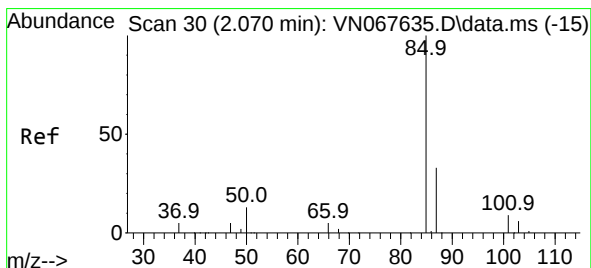
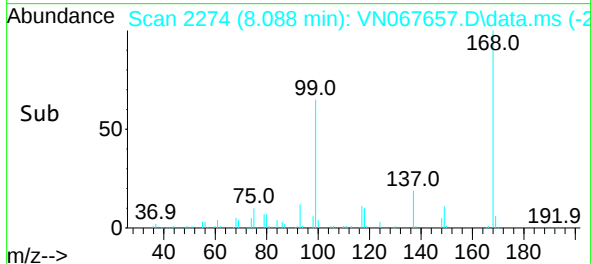
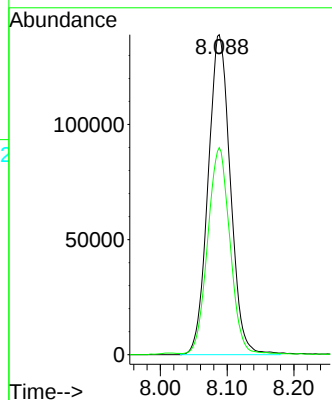
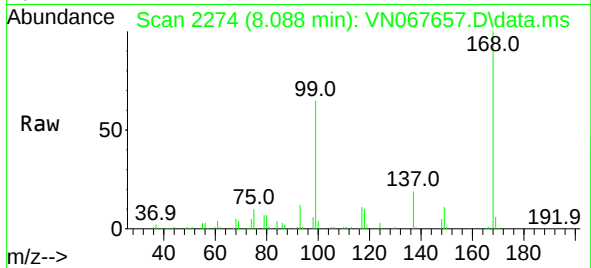




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

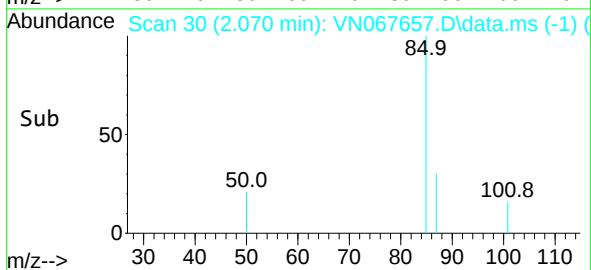
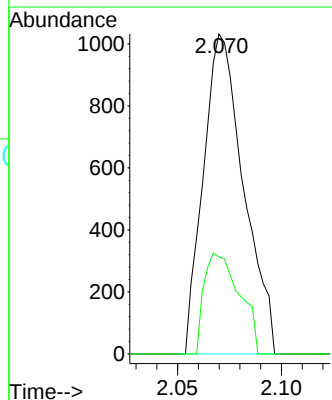
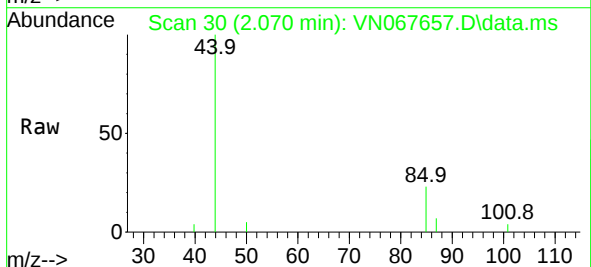
Instrument :  
MSVOA\_N  
ClientSampled :

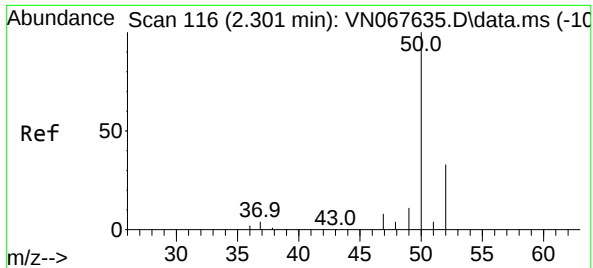
Tgt Ion:168 Resp: 322530  
Ion Ratio Lower Upper  
168 100  
99 64.3 62.9 94.3



#2  
Dichlorodifluoromethane  
Concen: 0.507 ug/l  
RT: 2.070 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 85 Resp: 1391  
Ion Ratio Lower Upper  
85 100  
87 30.3 16.1 48.2

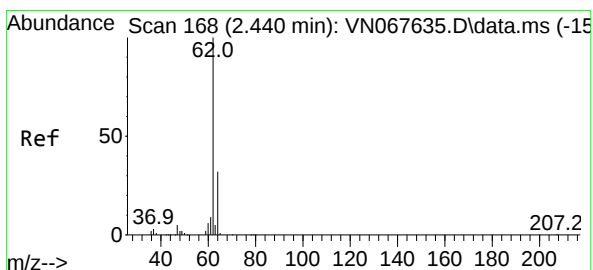
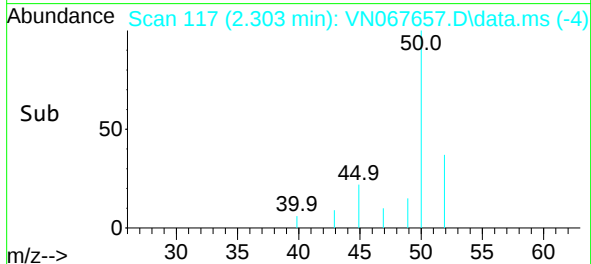
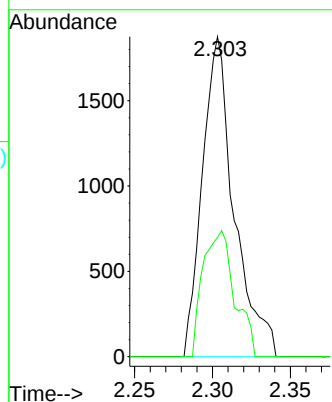
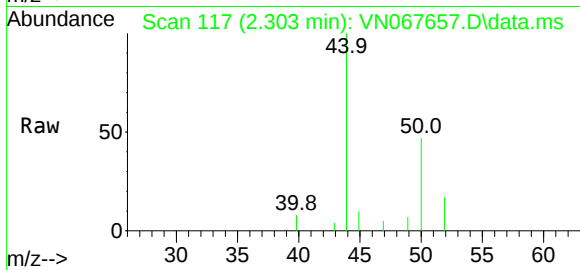




#3  
Chloromethane  
Concen: 0.611 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.002 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

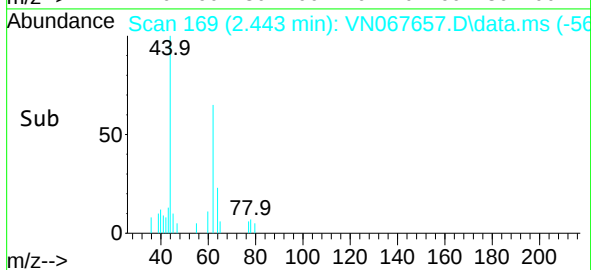
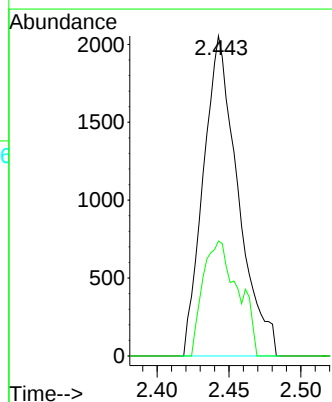
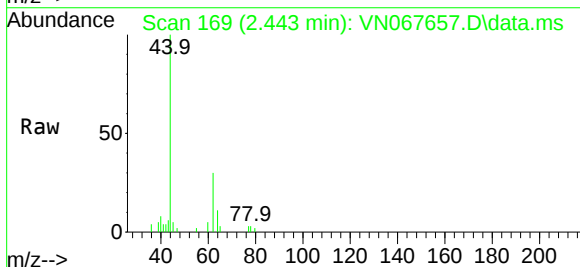
Instrument :  
MSVOA\_N  
ClientSampled :

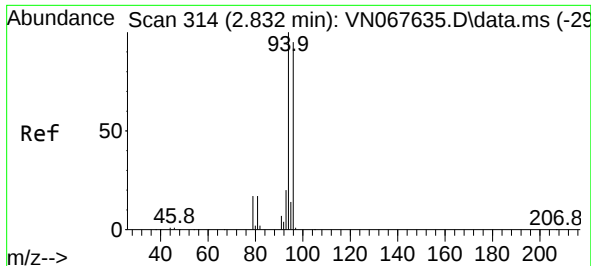
Tgt Ion: 50 Resp: 2654  
Ion Ratio Lower Upper  
50 100  
52 37.3 25.6 38.4



#4  
Vinyl Chloride  
Concen: 0.524 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 62 Resp: 3437  
Ion Ratio Lower Upper  
62 100  
64 35.9 24.4 36.6

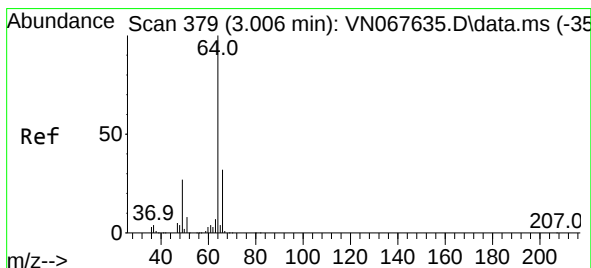
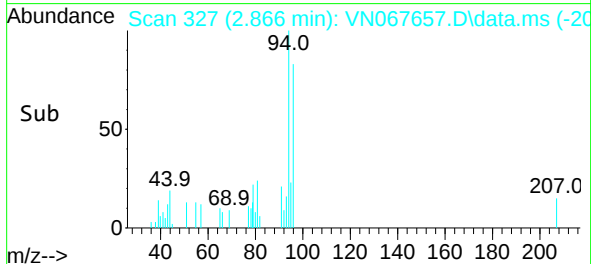
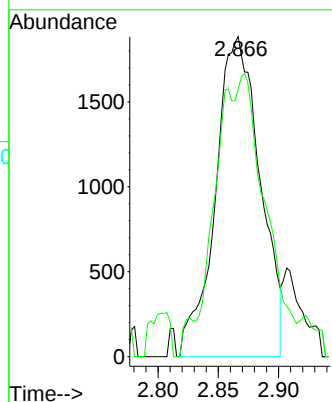
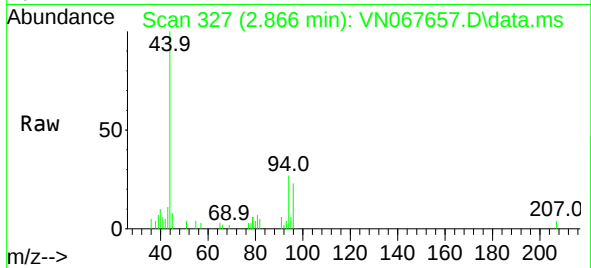




#5  
Bromomethane  
Concen: 0.899 ug/l  
RT: 2.866 min Scan# 327  
Delta R.T. 0.034 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

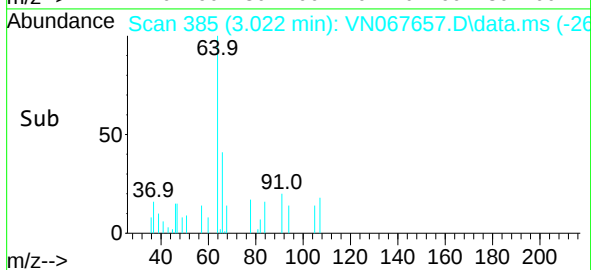
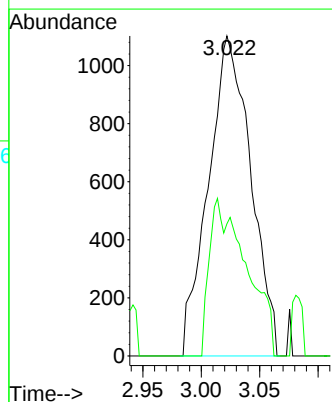
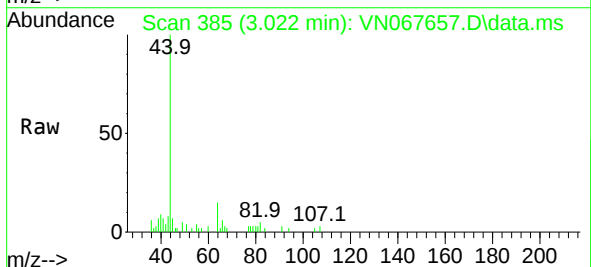
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MSVOA\_N  
ClientSampled :

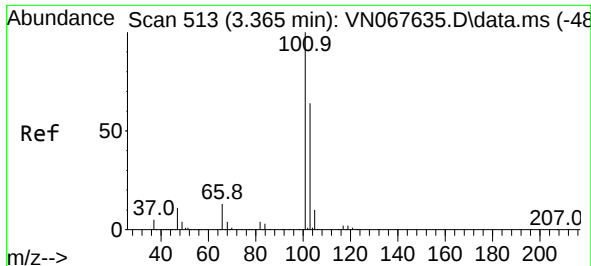
Tgt Ion: 94 Resp: 4861  
Ion Ratio Lower Upper  
94 100  
96 83.4 73.7 110.5



#6  
Chloroethane  
Concen: 0.571 ug/l  
RT: 3.022 min Scan# 385  
Delta R.T. 0.016 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 64 Resp: 2774  
Ion Ratio Lower Upper  
64 100  
66 41.3 24.7 37.1#

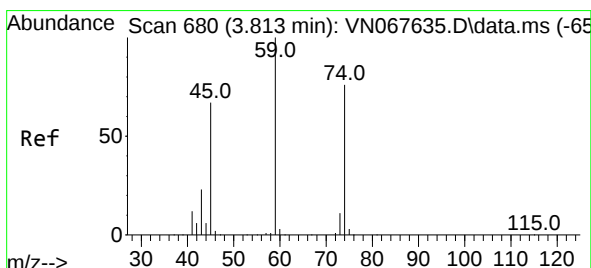
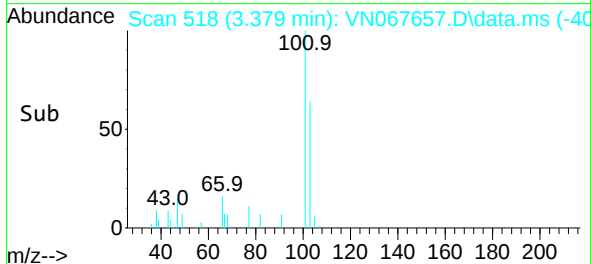
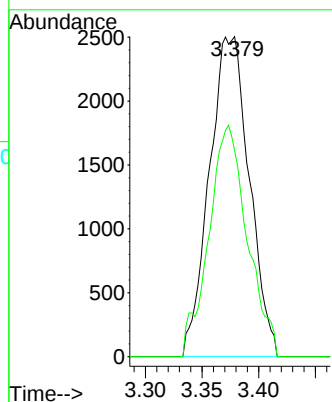
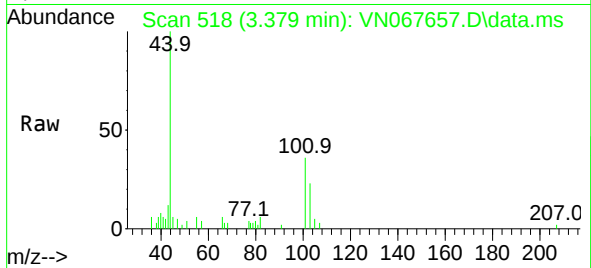




#7  
Trichlorofluoromethane  
Concen: 0.505 ug/l  
RT: 3.379 min Scan# 518  
Delta R.T. 0.014 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

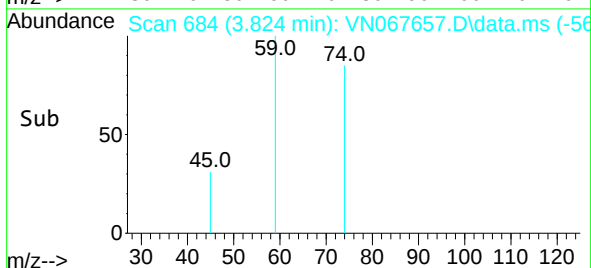
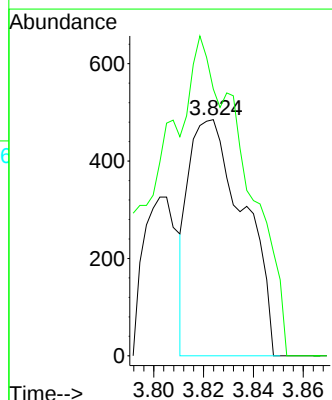
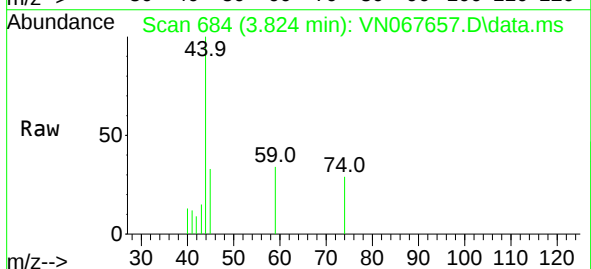
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MSVOA\_N  
ClientSampled :

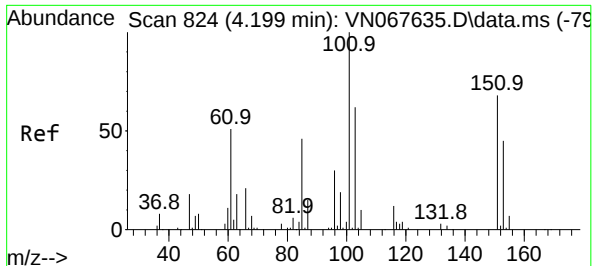
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Ion Ratio Lower Upper  
101 100  
103 64.5 51.2 76.8



#8  
Diethyl Ether  
Concen: 0.286 ug/l  
RT: 3.824 min Scan# 684  
Delta R.T. 0.011 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 74 Resp: 746  
Ion Ratio Lower Upper  
74 100  
45 187.1 50.2 150.7#

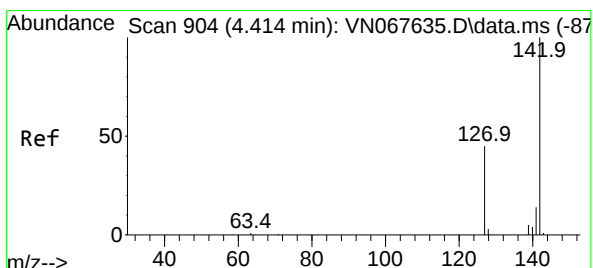
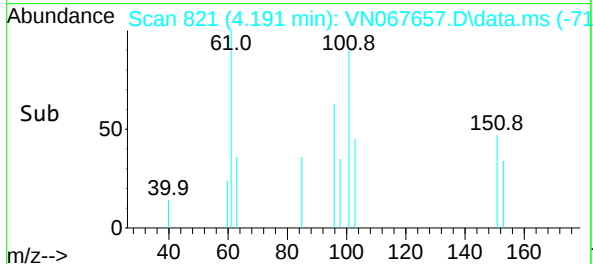
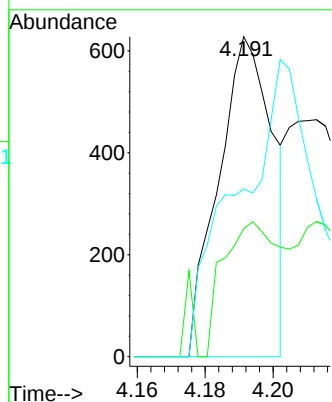
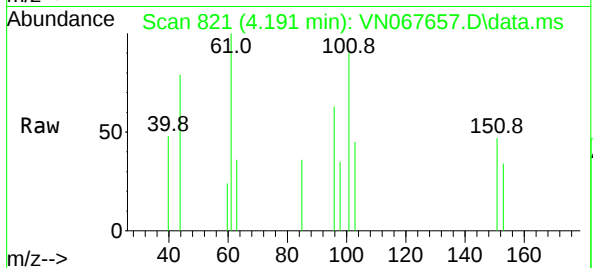




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.232 ug/l  
RT: 4.191 min Scan# 821  
Delta R.T. -0.008 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

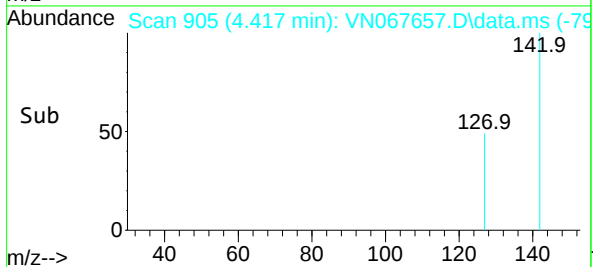
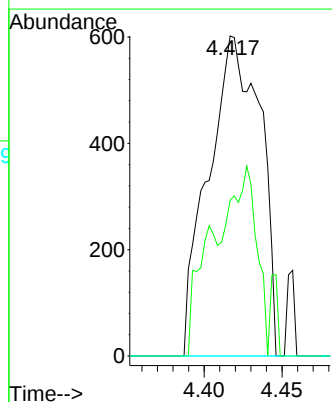
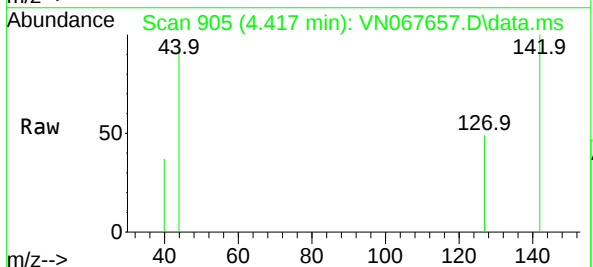
Instrument :  
MSVOA\_N  
ClientSampleId :

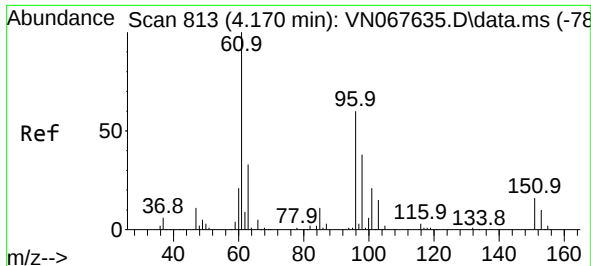
Tgt Ion:101 Resp: 694  
Ion Ratio Lower Upper  
101 100  
85 46.5 39.6 59.4  
151 133.4 54.1 81.1#



#10  
Methyl Iodide  
Concen: 0.391 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion:142 Resp: 1393  
Ion Ratio Lower Upper  
142 100  
127 30.9 43.1 64.7#  
141 0.0 11.4 17.0#





#12

1,1-Dichloroethene

Concen: 0.215 ug/l

RT: 4.167 min Scan# 812

Delta R.T. -0.003 min

Lab File: VN067657.D

Acq: 8 Jul 2021 12:28

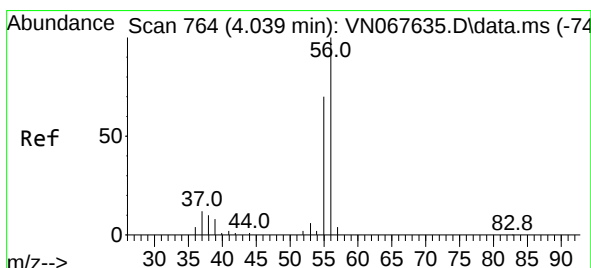
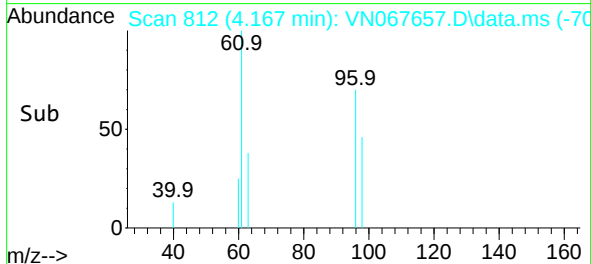
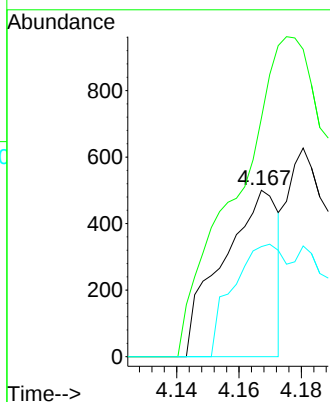
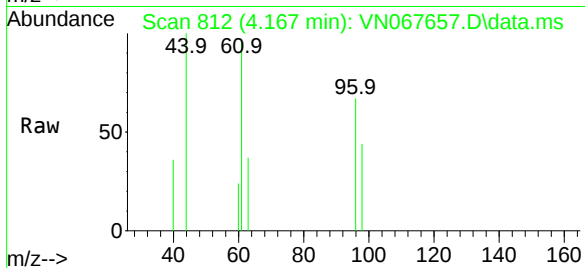
Tgt Ion: 96 Resp: 618

Ion Ratio Lower Upper

96 100

61 143.4 152.6 229.0#

98 66.2 50.9 76.3



#13

Acrolein

Concen: 1.430 ug/l

RT: 4.028 min Scan# 760

Delta R.T. -0.011 min

Lab File: VN067657.D

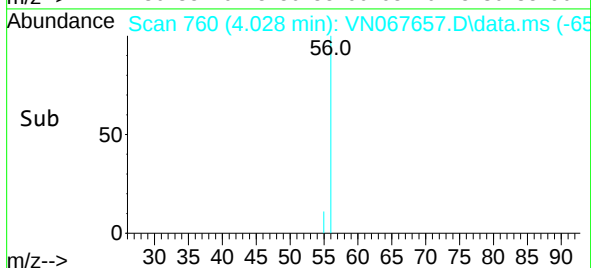
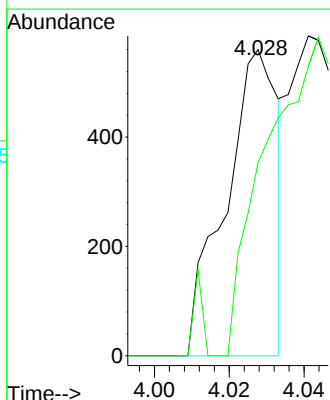
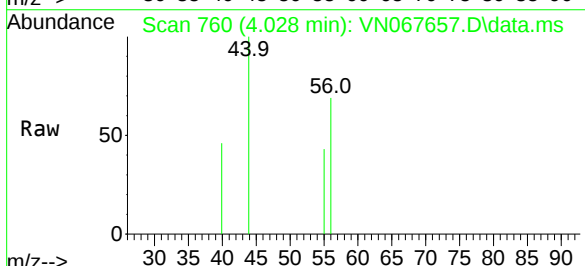
Acq: 8 Jul 2021 12:28

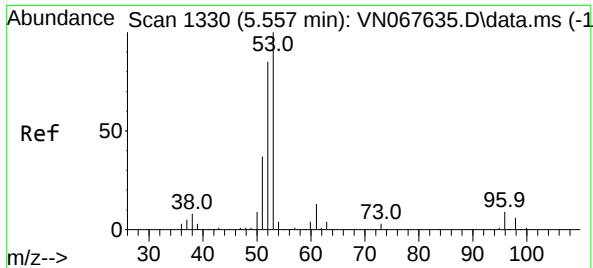
Tgt Ion: 56 Resp: 538

Ion Ratio Lower Upper

56 100

55 210.0 57.4 86.0#

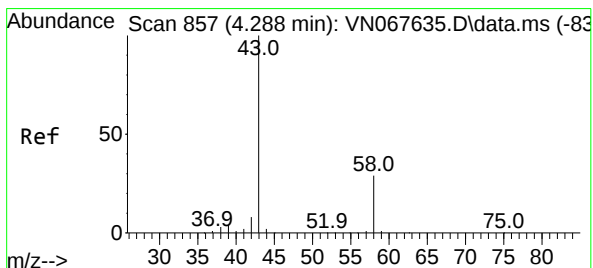
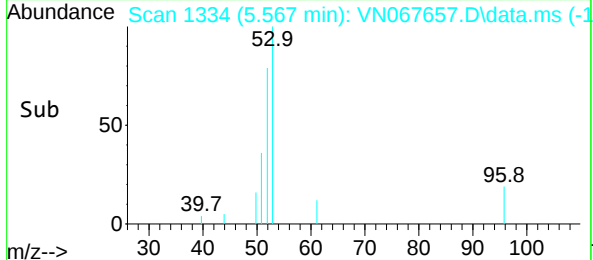
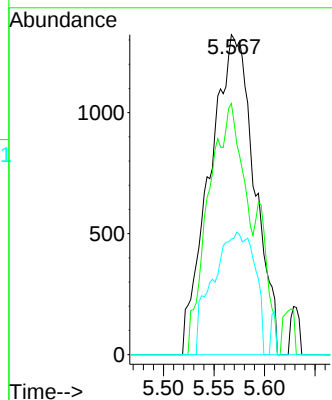
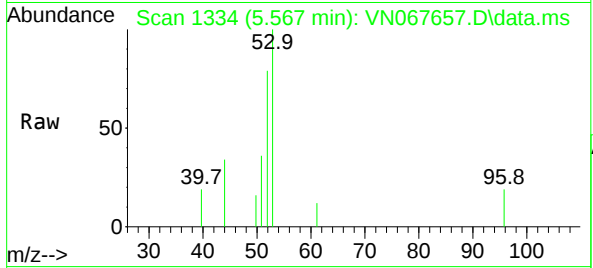




#15  
Acrylonitrile  
Concen: 2.340 ug/l  
RT: 5.567 min Scan# 1334  
Delta R.T. 0.010 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

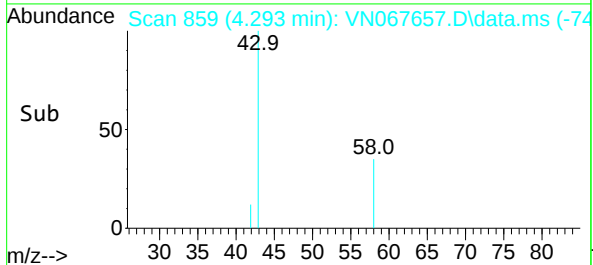
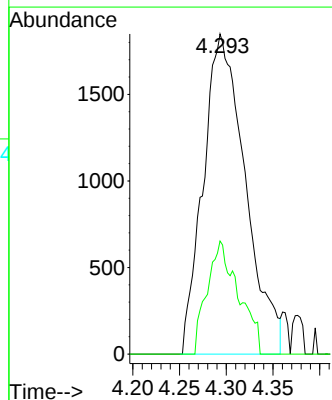
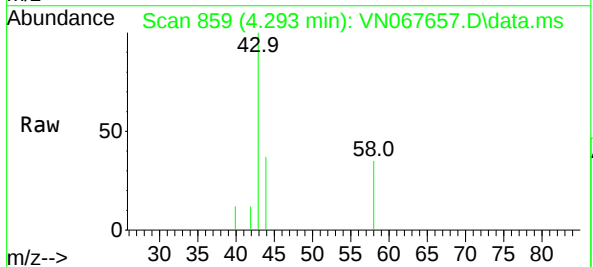
Instrument :  
MSVOA\_N  
ClientSampleId :

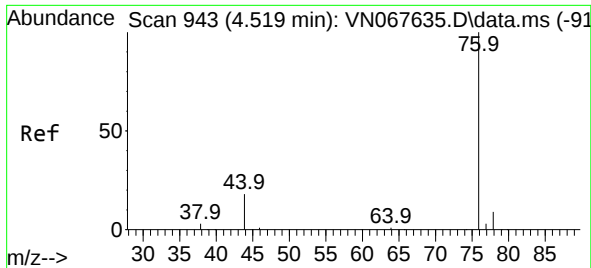
Tgt Ion: 53 Resp: 4065  
Ion Ratio Lower Upper  
53 100  
52 64.0 66.2 99.2#  
51 36.0 30.2 45.4



#16  
Acetone  
Concen: 3.767 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.005 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 43 Resp: 5778  
Ion Ratio Lower Upper  
43 100  
58 35.3 21.2 31.8#

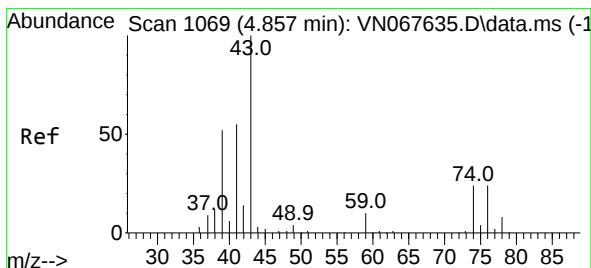
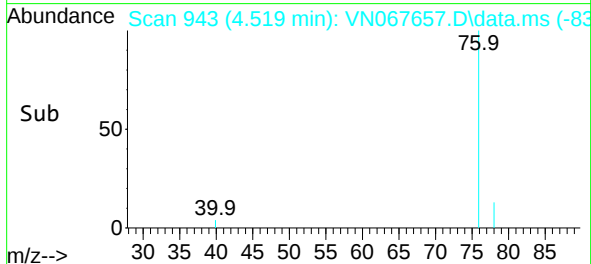
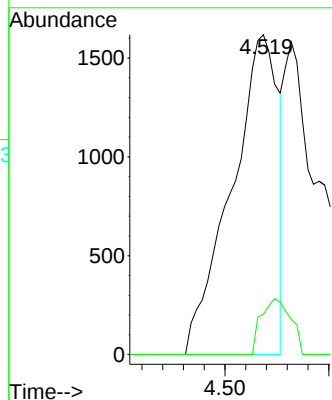
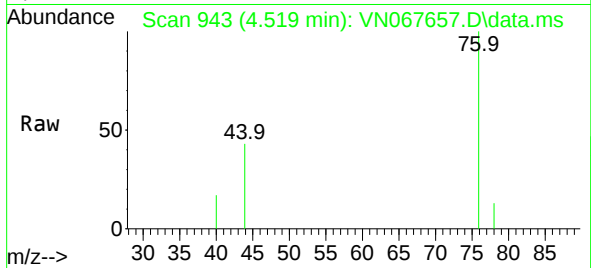




#17  
Carbon Disulfide  
Concen: 0.318 ug/l  
RT: 4.519 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

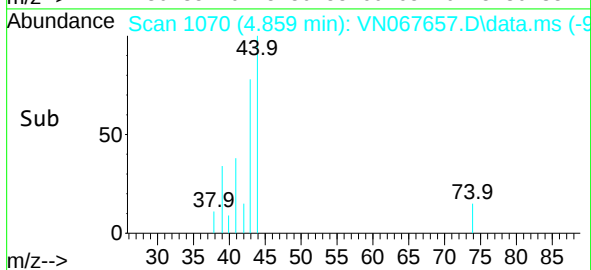
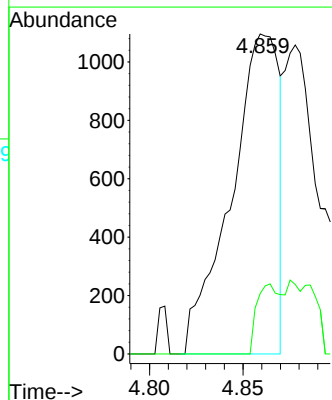
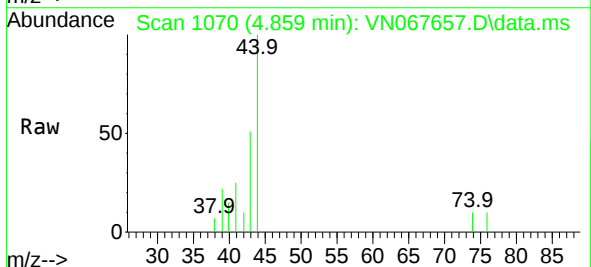
Instrument :  
MSVOA\_N  
ClientSampled :

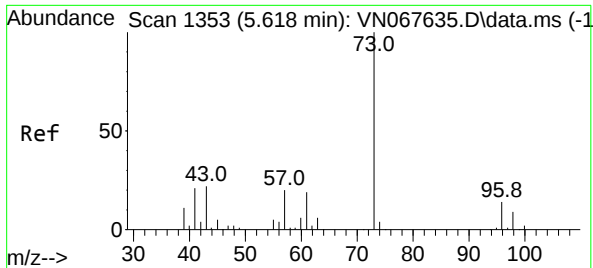
Tgt Ion: 76 Resp: 2527  
Ion Ratio Lower Upper  
76 100  
78 12.6 7.7 11.5#



#18  
Methyl Acetate  
Concen: 0.454 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.002 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 43 Resp: 1958  
Ion Ratio Lower Upper  
43 100  
74 11.9 17.4 26.0#



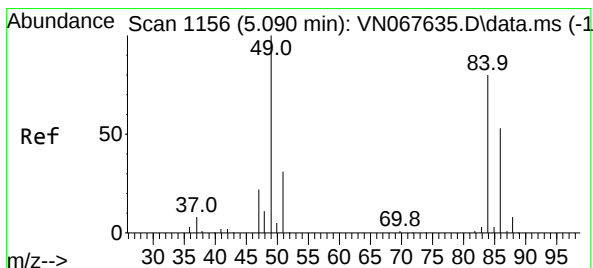
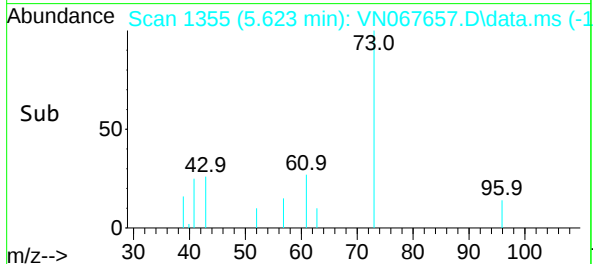
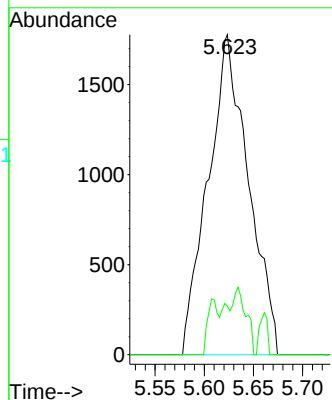
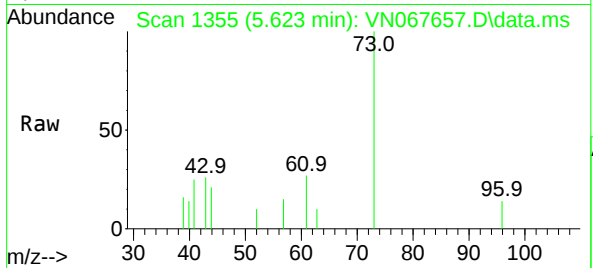


#19

Methyl tert-butyl Ether  
Concen: 0.426 ug/l  
RT: 5.623 min Scan# 1355  
Delta R.T. 0.005 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Instrument :  
MSVOA\_N  
ClientSampled :

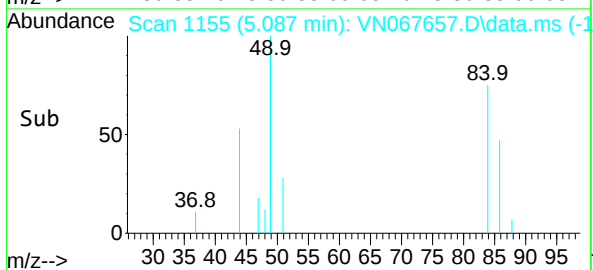
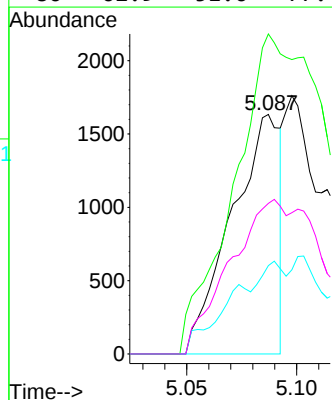
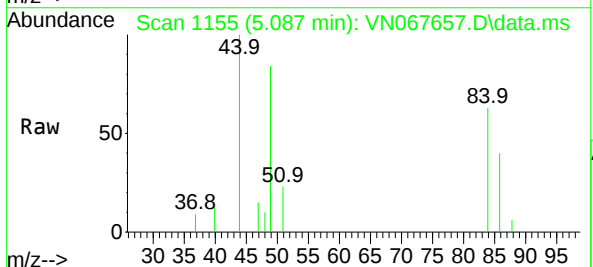
Tgt Ion: 73 Resp: 5061  
Ion Ratio Lower Upper  
73 100  
57 15.1 17.0 25.6#

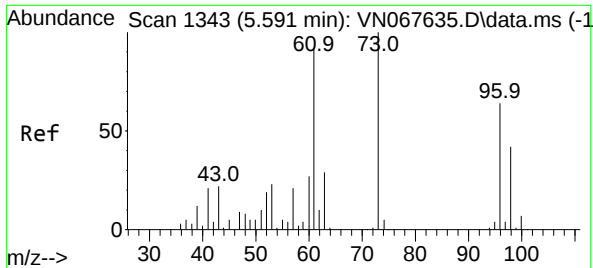


#20

Methylene Chloride  
Concen: 0.616 ug/l  
RT: 5.087 min Scan# 1155  
Delta R.T. -0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 84 Resp: 2497  
Ion Ratio Lower Upper  
84 100  
49 133.6 110.9 166.3  
51 36.9 32.6 49.0  
86 62.9 51.6 77.4

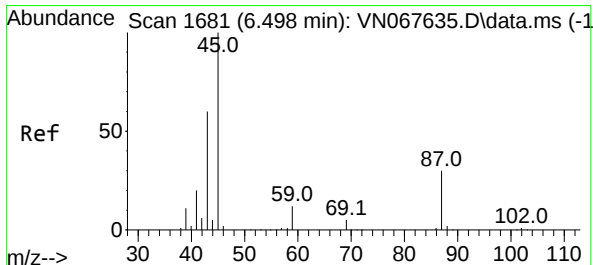
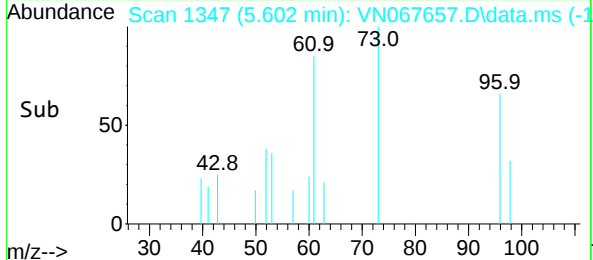
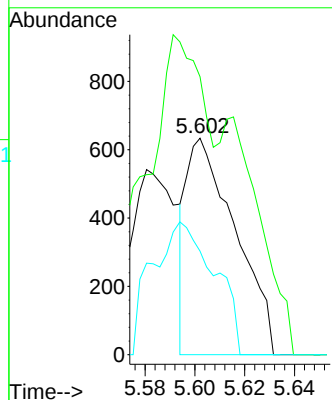
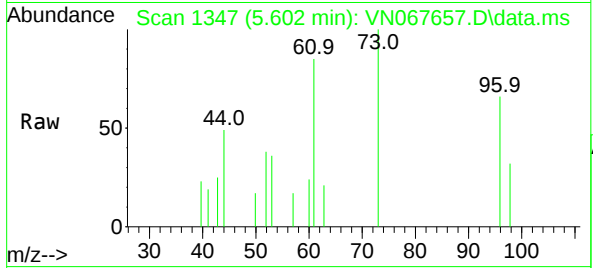




#21  
trans-1,2-Dichloroethene  
Concen: 0.255 ug/l  
RT: 5.602 min Scan# 1347  
Delta R.T. 0.011 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

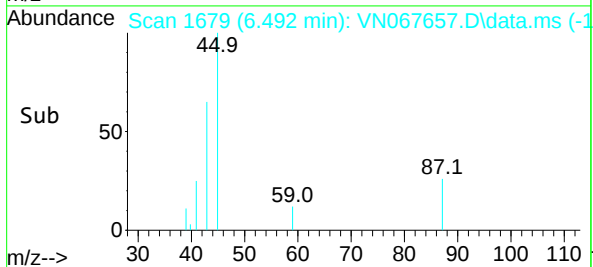
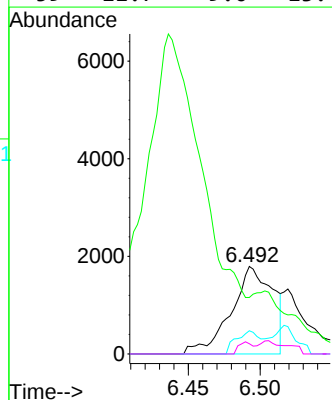
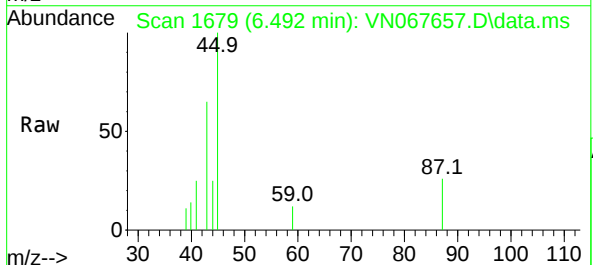
Instrument :  
MSVOA\_N  
ClientSampleId :

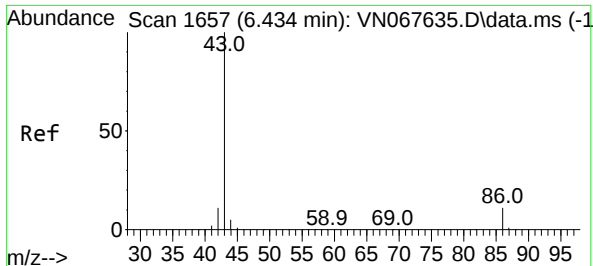
Tgt Ion: 96 Resp: 864  
Ion Ratio Lower Upper  
96 100  
61 100.2 123.5 185.3#  
98 47.8 48.6 72.8#



#22  
Diisopropyl ether  
Concen: 0.302 ug/l  
RT: 6.492 min Scan# 1679  
Delta R.T. -0.006 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 45 Resp: 3615  
Ion Ratio Lower Upper  
45 100  
43 14.9 49.4 74.2#  
87 26.5 20.9 31.3  
59 11.7 9.0 13.4

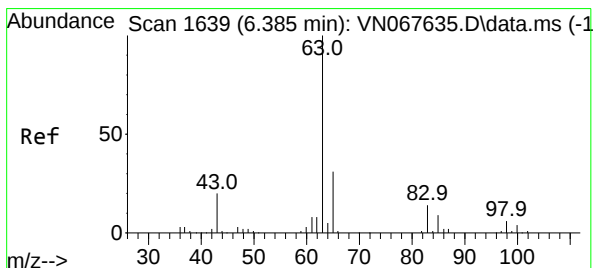
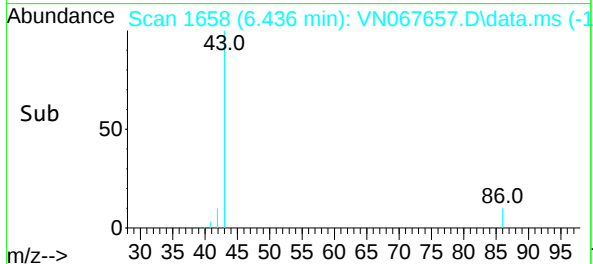
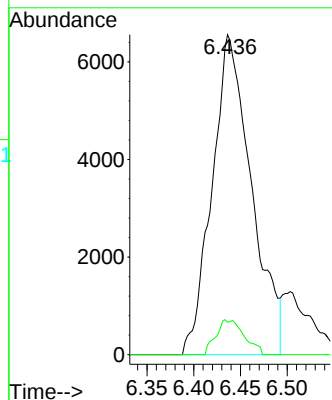
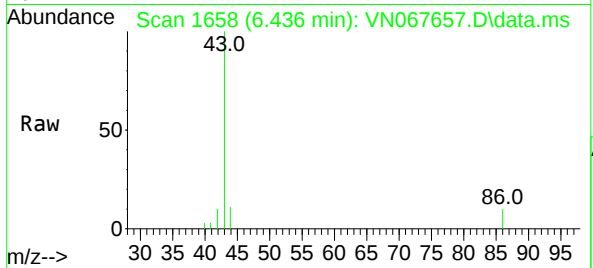




#23  
 Vinyl Acetate  
 Concen: 1.878 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.002 min  
 Lab File: VN067657.D  
 Acq: 8 Jul 2021 12:28

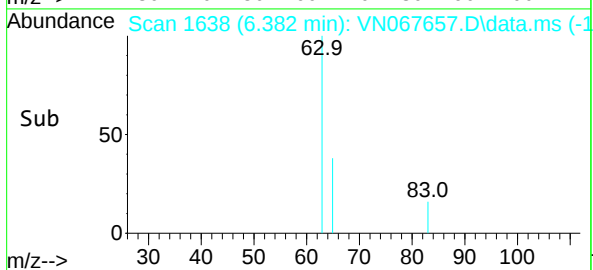
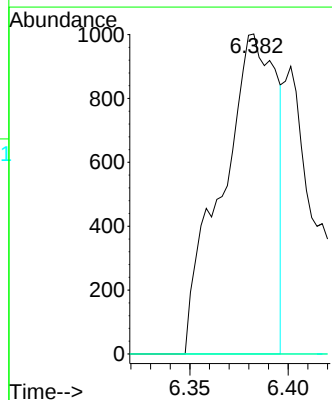
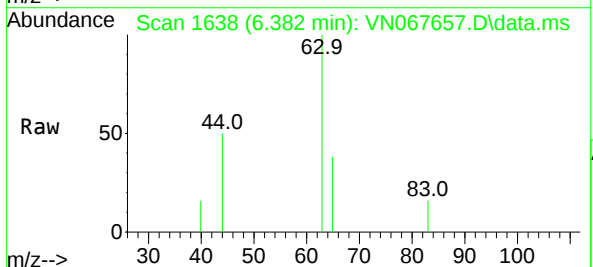
Instrument :  
 MSVOA\_N  
 ClientSampled :

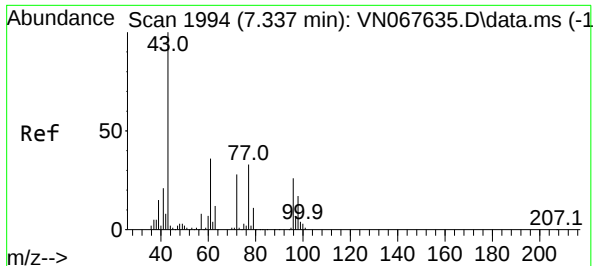
Tgt Ion: 43 Resp: 19202  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 0.291 ug/l  
 RT: 6.382 min Scan# 1638  
 Delta R.T. -0.003 min  
 Lab File: VN067657.D  
 Acq: 8 Jul 2021 12:28

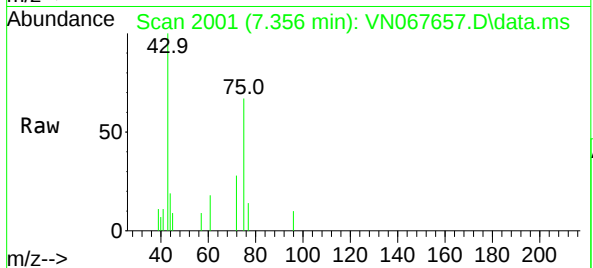
Tgt Ion: 63 Resp: 1941  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.0 9.0#  
 100 0.0 1.9 5.7#



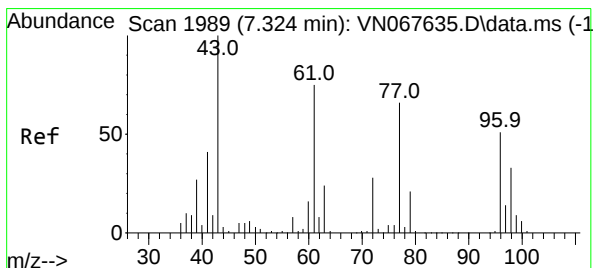
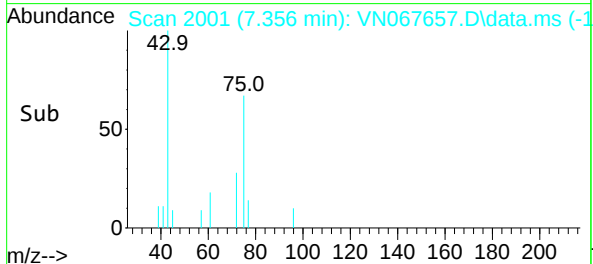
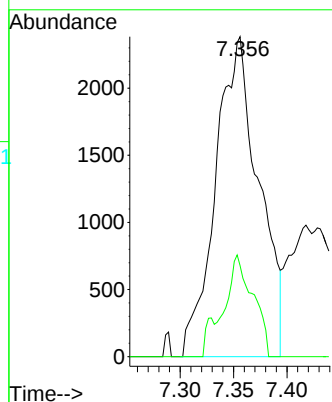


#25  
2-Butanone  
Concen: 2.629 ug/l  
RT: 7.356 min Scan# 2001  
Delta R.T. 0.019 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Instrument :  
MSVOA\_N  
ClientSampled :

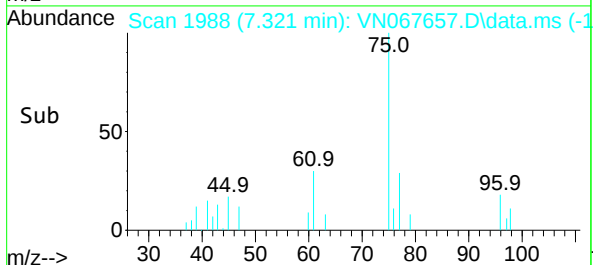
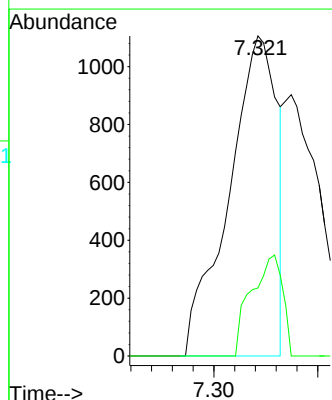
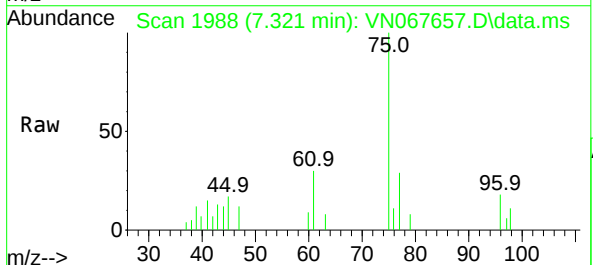


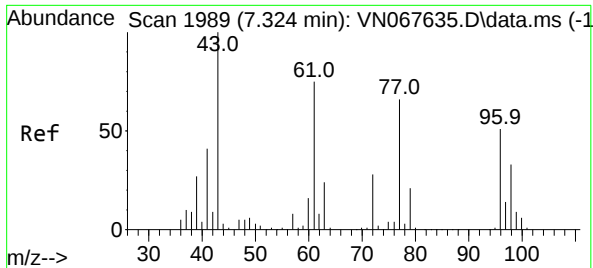
Tgt Ion: 43 Resp: 6696  
Ion Ratio Lower Upper  
43 100  
72 28.5 19.7 29.5



#26  
2,2-Dichloropropane  
Concen: 0.306 ug/l  
RT: 7.321 min Scan# 1988  
Delta R.T. -0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 77 Resp: 1785  
Ion Ratio Lower Upper  
77 100  
97 20.4 9.8 29.3

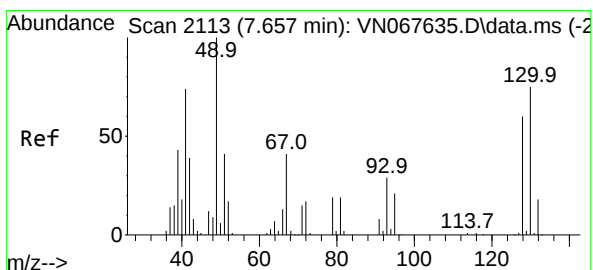
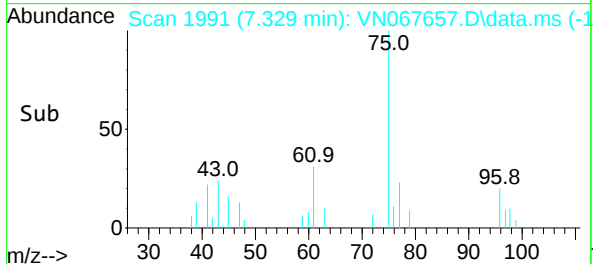
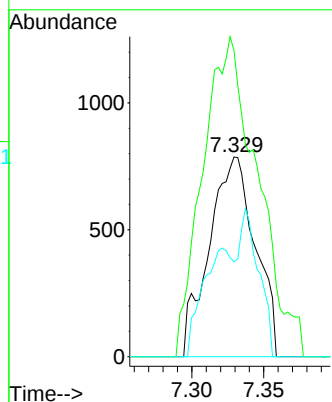
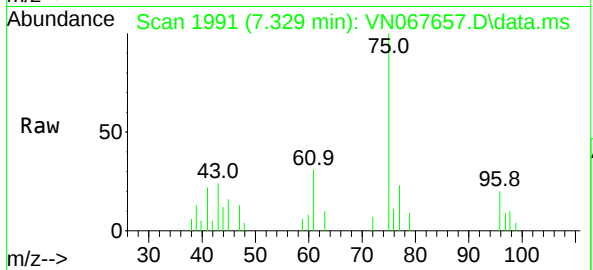




#27  
 cis-1,2-Dichloroethene  
 Concen: 0.414 ug/l  
 RT: 7.329 min Scan# 1991  
 Delta R.T. 0.005 min  
 Lab File: VN067657.D  
 Acq: 8 Jul 2021 12:28

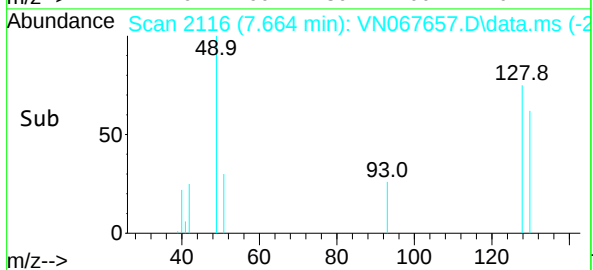
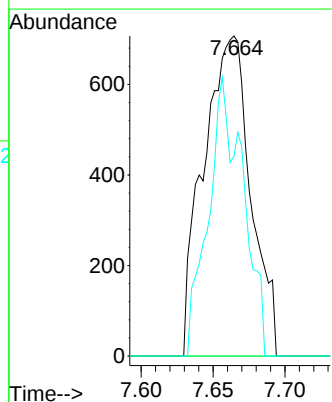
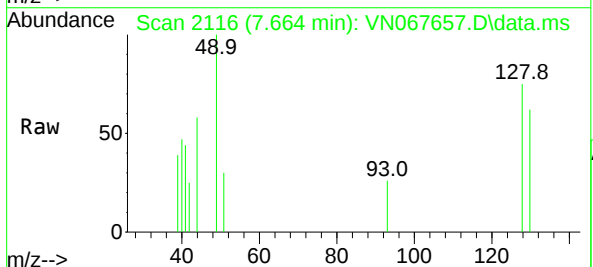
Instrument :  
 MSVOA\_N  
 ClientSampled :

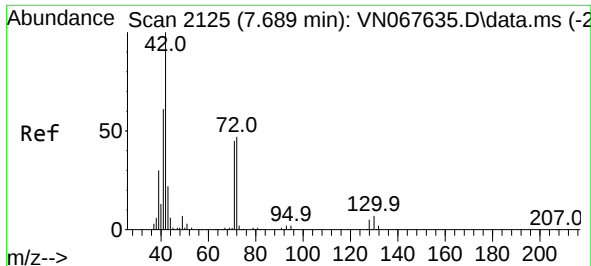
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 1756  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 190.4 | 0.0   | 338.8 |
| 98       | 35.8  | 0.0   | 129.8 |



#28  
 Bromochloromethane  
 Concen: 0.497 ug/l  
 RT: 7.664 min Scan# 2116  
 Delta R.T. 0.007 min  
 Lab File: VN067657.D  
 Acq: 8 Jul 2021 12:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 1617  |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 3.8   |
| 130      | 43.5  | 49.7  | 74.5# |





#29

Tetrahydrofuran

Concen: 2.319 ug/l

RT: 7.699 min Scan# 2129

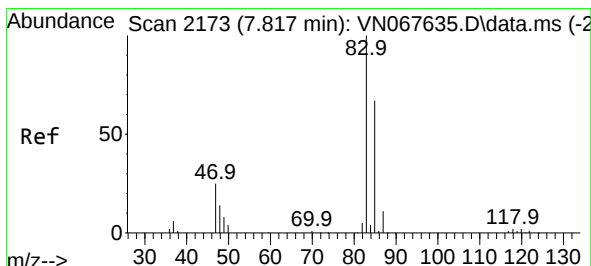
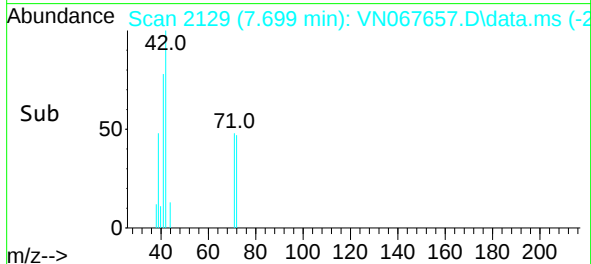
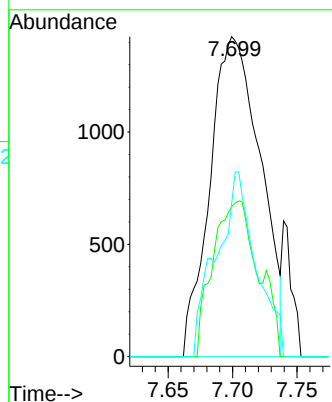
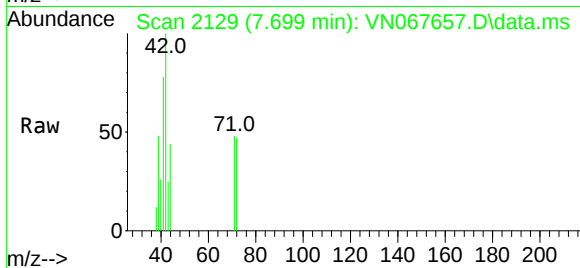
Delta R.T. 0.010 min

Lab File: VN067657.D

Acq: 8 Jul 2021 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 3884  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 37.8  | 32.8  | 49.2  |
| 71       | 45.4  | 31.2  | 46.8  |



#30

Chloroform

Concen: 0.318 ug/l

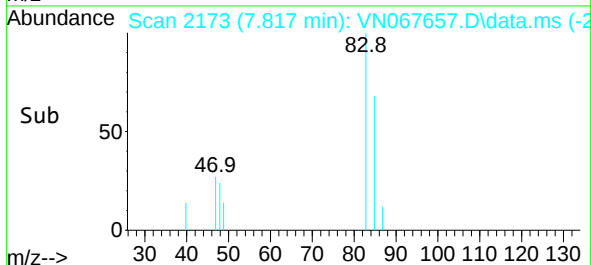
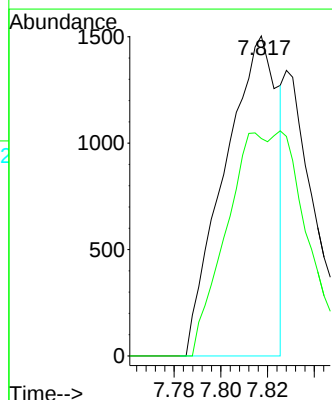
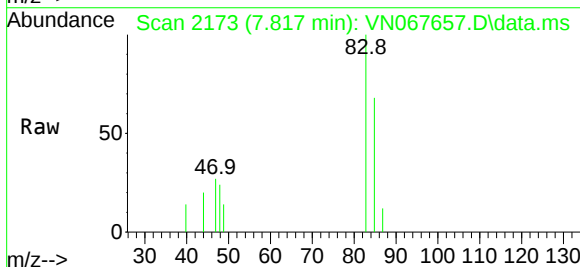
RT: 7.817 min Scan# 2173

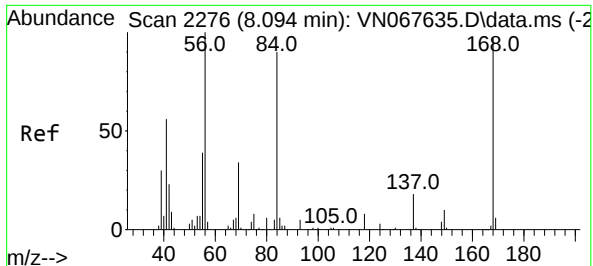
Delta R.T. 0.000 min

Lab File: VN067657.D

Acq: 8 Jul 2021 12:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 2380  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 68.0  | 51.5  | 77.3  |

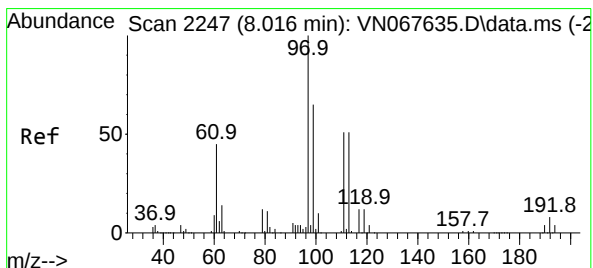
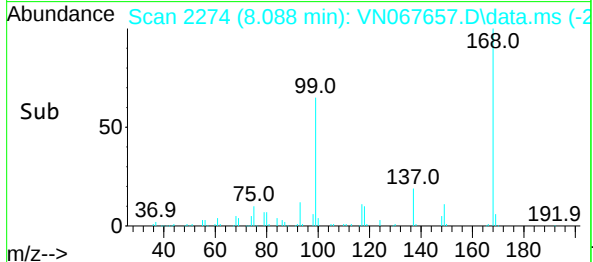
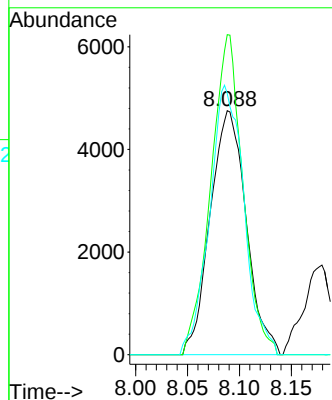
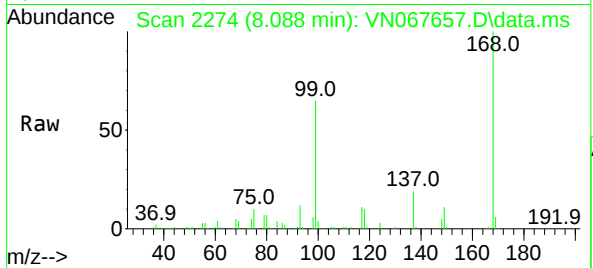




#31  
Cyclohexane  
Concen: 1.680 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. -0.006 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

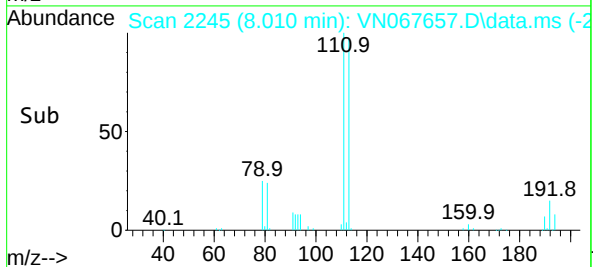
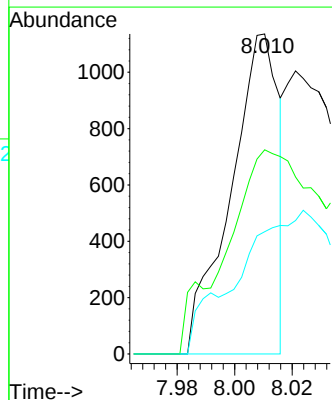
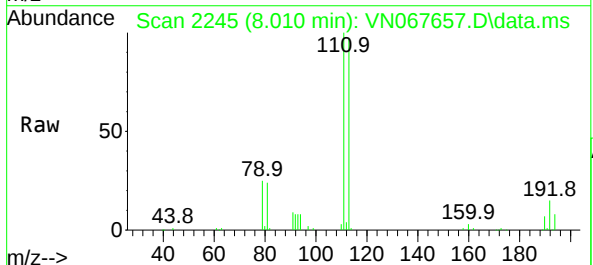
Instrument :  
MSVOA\_N  
ClientSampleId :

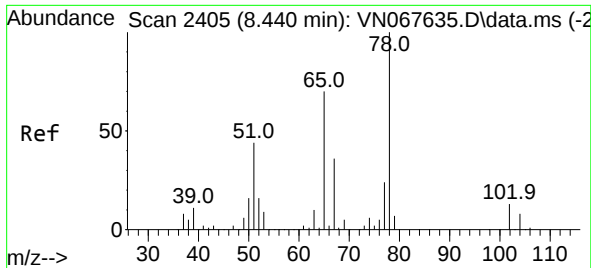
Tgt Ion: 56 Resp: 11482  
Ion Ratio Lower Upper  
56 100  
69 131.1 27.3 40.9#  
84 107.0 64.9 97.3#



#32  
1,1,1-Trichloroethane  
Concen: 0.202 ug/l  
RT: 8.010 min Scan# 2245  
Delta R.T. -0.006 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 97 Resp: 1314  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.2 75.2#  
61 96.6 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 55.467 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN067657.D

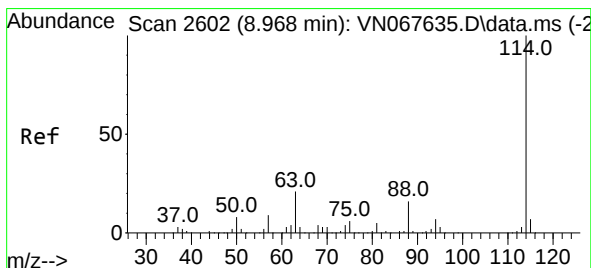
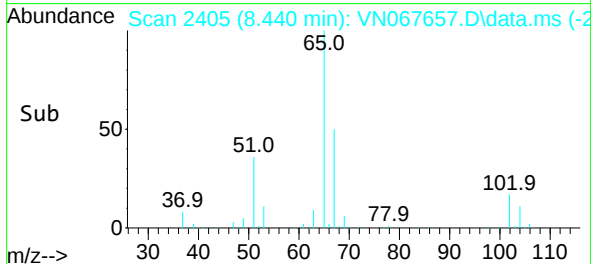
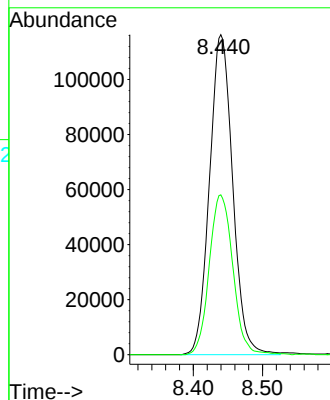
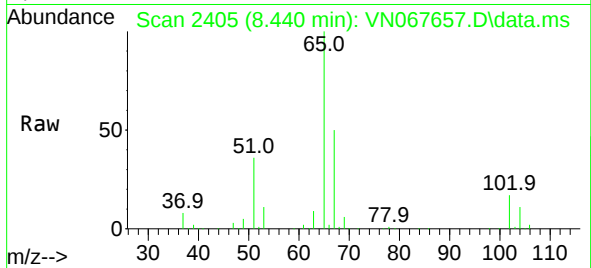
Acq: 8 Jul 2021 12:28

Tgt Ion: 65 Resp: 270369

Ion Ratio Lower Upper

65 100

67 50.9 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN067657.D

Acq: 8 Jul 2021 12:28

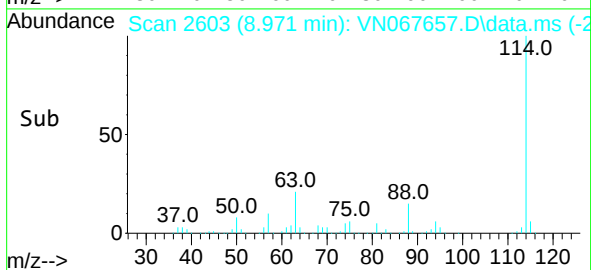
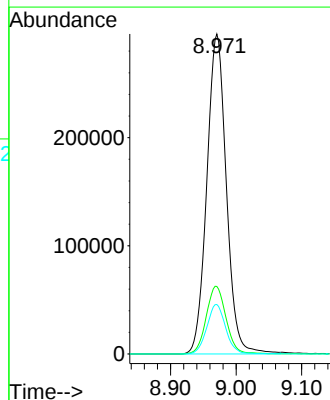
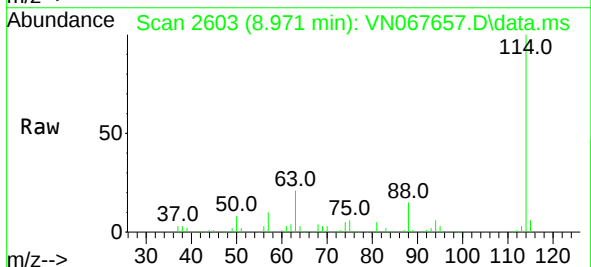
Tgt Ion: 114 Resp: 611986

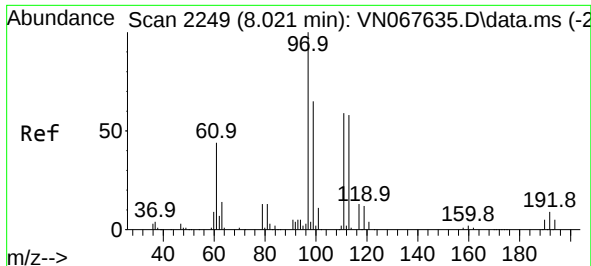
Ion Ratio Lower Upper

114 100

63 21.1 0.0 49.0

88 15.5 0.0 36.6

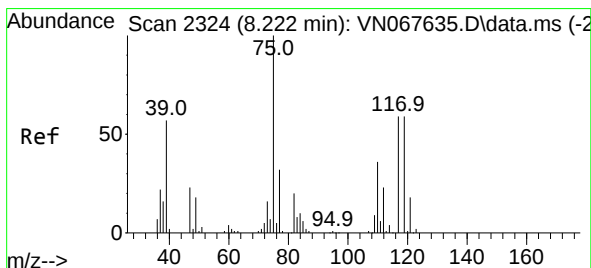
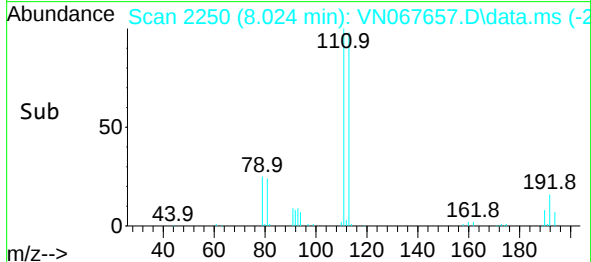
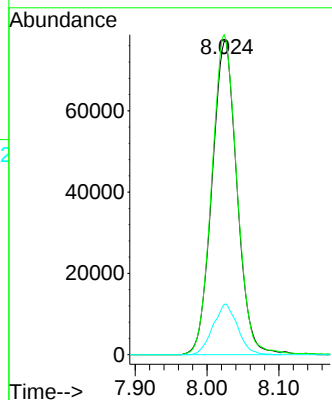
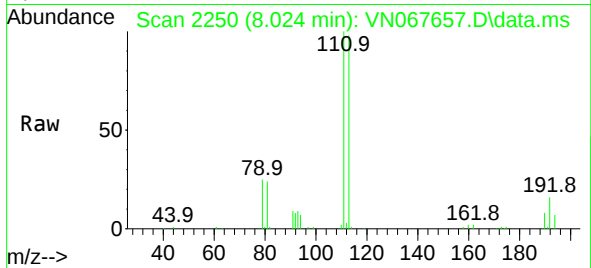




#35  
Dibromofluoromethane  
Concen: 50.414 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

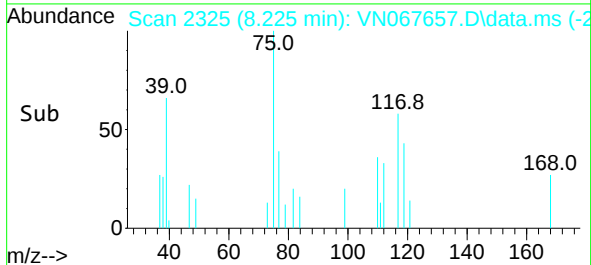
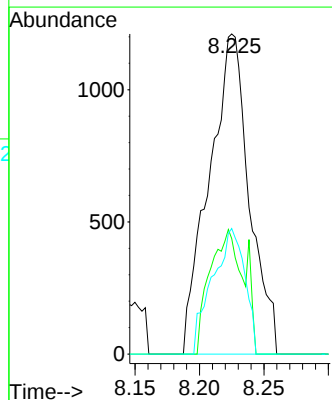
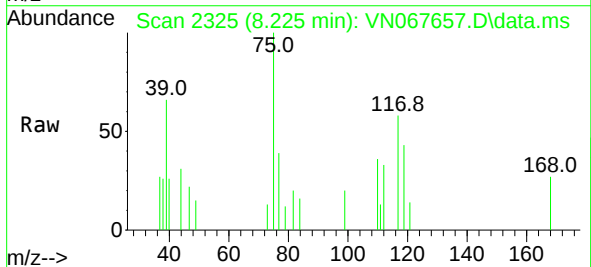
Instrument :  
MSVOA\_N  
ClientSampled :

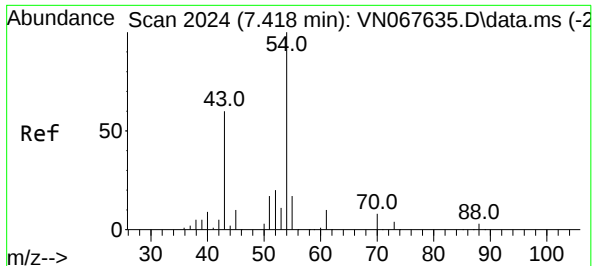
Tgt Ion:113 Resp: 186404  
Ion Ratio Lower Upper  
113 100  
111 102.4 83.8 125.8  
192 15.8 13.4 20.0



#36  
1,1-Dichloropropene  
Concen: 0.461 ug/l  
RT: 8.225 min Scan# 2325  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 75 Resp: 2620  
Ion Ratio Lower Upper  
75 100  
110 29.2 15.7 47.0  
77 31.6 24.6 37.0

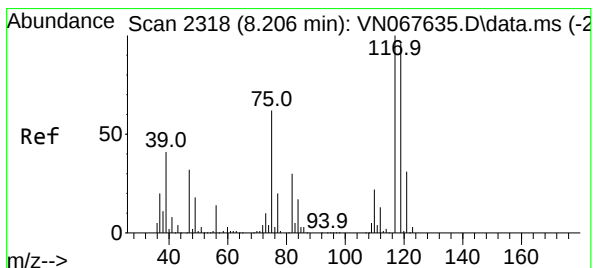
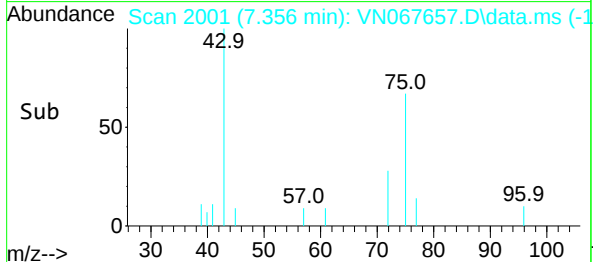
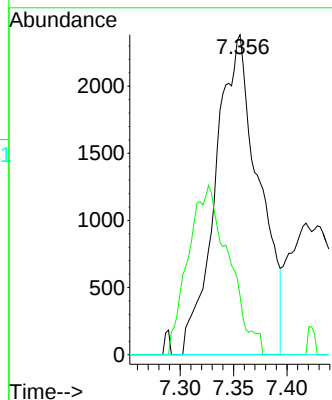
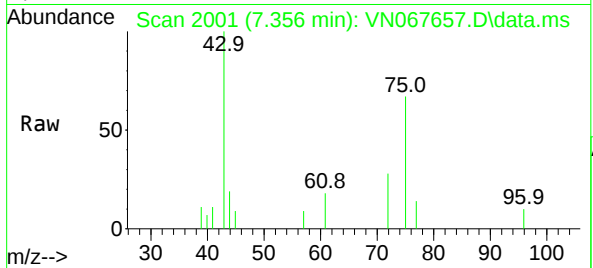




#37  
Ethyl Acetate  
Concen: 1.216 ug/l  
RT: 7.356 min Scan# 2001  
Delta R.T. -0.062 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

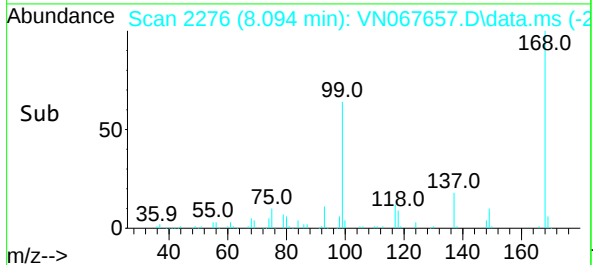
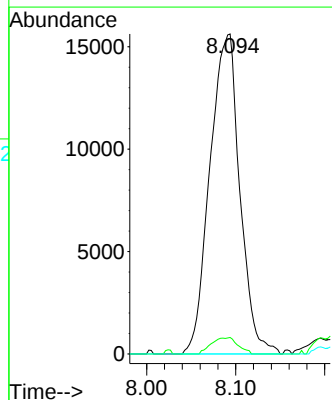
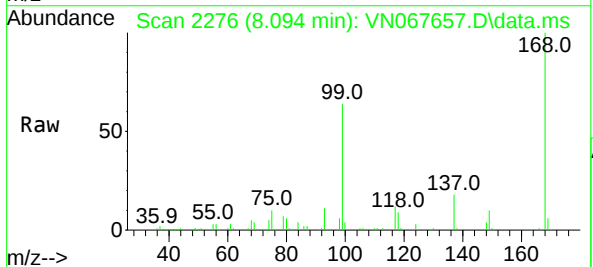
Instrument :  
MSVOA\_N  
ClientSampled :

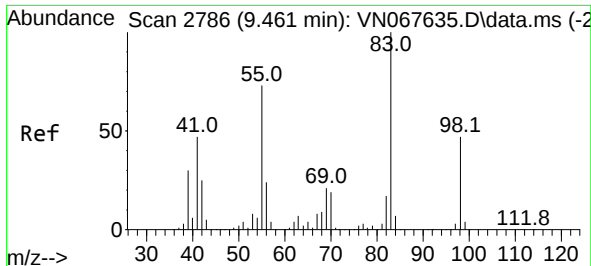
Tgt Ion: 43 Resp: 6696  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.6 16.0#  
70 0.0 8.1 12.1#



#38  
Carbon Tetrachloride  
Concen: 6.521 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.112 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 117 Resp: 36565  
Ion Ratio Lower Upper  
117 100  
119 5.1 75.4 113.2#  
121 0.0 23.5 35.3#





#39

Methylcyclohexane

Concen: 0.485 ug/l

RT: 9.456 min Scan# 2784

Delta R.T. -0.005 min

Lab File: VN067657.D

Acq: 8 Jul 2021 12:28

Tgt Ion: 83 Resp: 3021

Ion Ratio Lower Upper

83 100

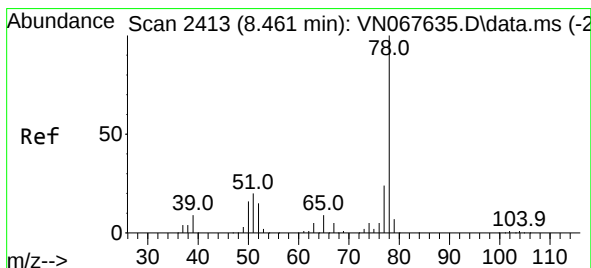
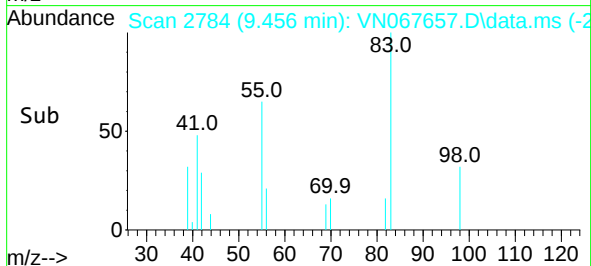
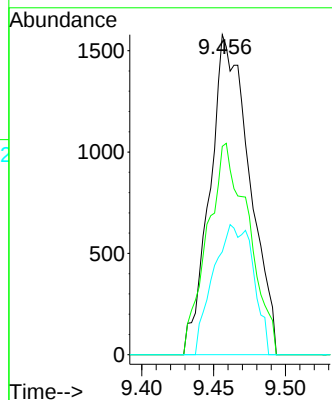
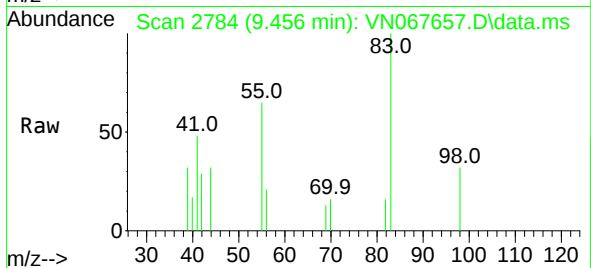
55 65.1 66.6 99.8#

98 32.2 35.3 52.9#

Instrument :

MSVOA\_N

ClientSampleId :



#40

Benzene

Concen: 0.447 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN067657.D

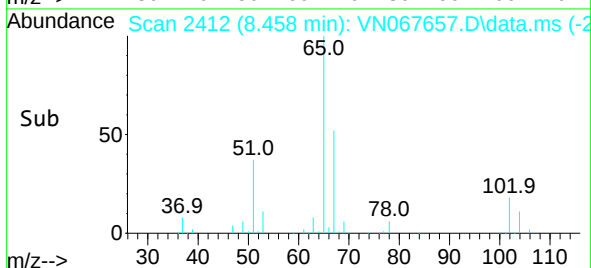
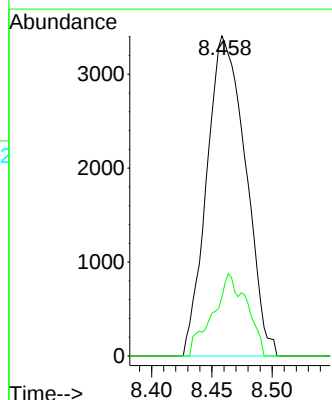
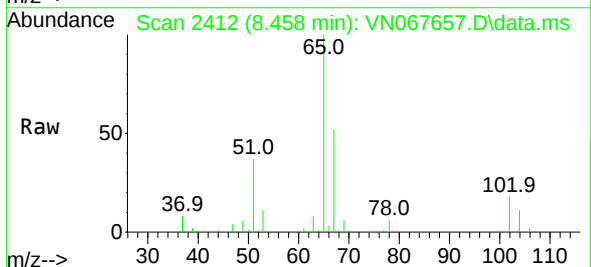
Acq: 8 Jul 2021 12:28

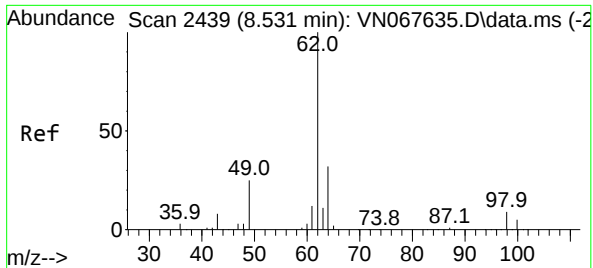
Tgt Ion: 78 Resp: 7614

Ion Ratio Lower Upper

78 100

77 18.4 18.9 28.3#





#42

1,2-Dichloroethane

Concen: 0.540 ug/l

RT: 8.536 min Scan# 2441

Delta R.T. 0.005 min

Lab File: VN067657.D

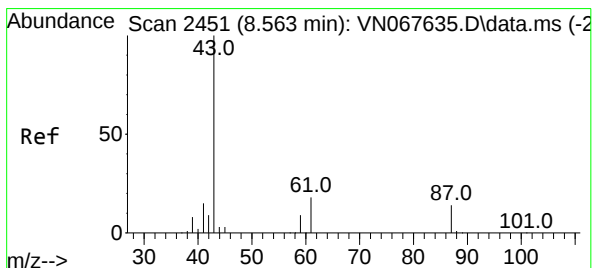
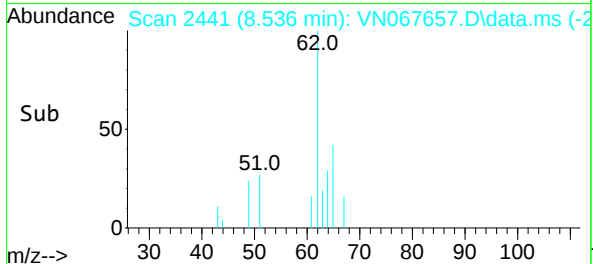
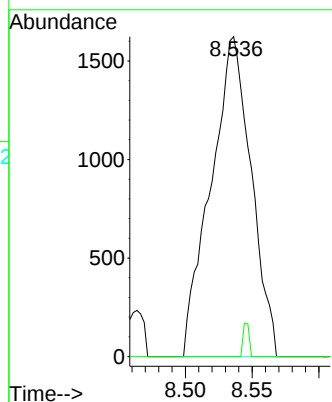
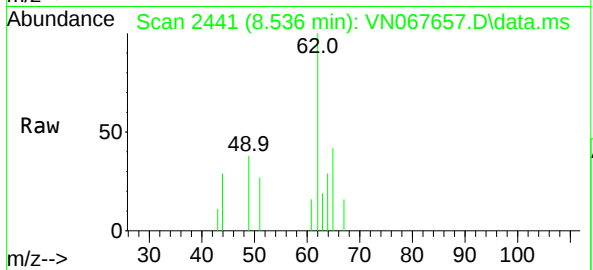
Acq: 8 Jul 2021 12:28

Tgt Ion: 62 Resp: 3413

Ion Ratio Lower Upper

62 100

98 1.6 0.0 14.2



#43

Isopropyl Acetate

Concen: 0.250 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. -0.003 min

Lab File: VN067657.D

Acq: 8 Jul 2021 12:28

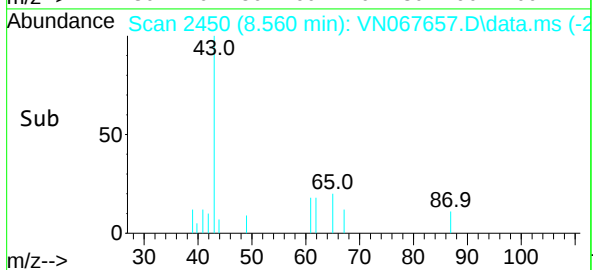
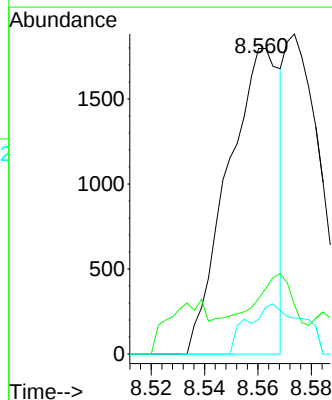
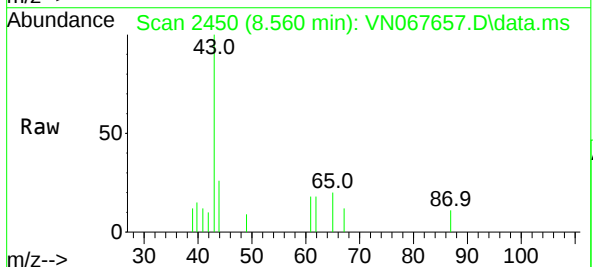
Tgt Ion: 43 Resp: 2421

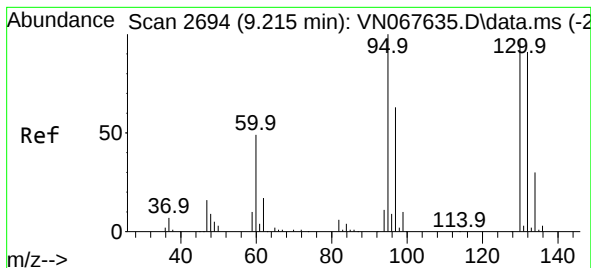
Ion Ratio Lower Upper

43 100

61 21.4 19.0 28.4

87 17.2 9.5 14.3#





#44

Trichloroethene

Concen: 0.400 ug/l

RT: 9.220 min Scan# 2696

Delta R.T. 0.005 min

Lab File: VN067657.D

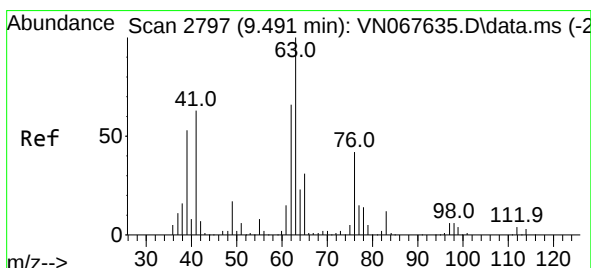
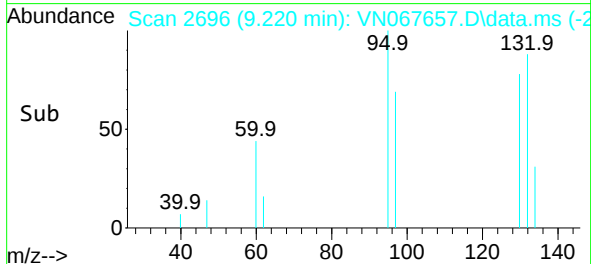
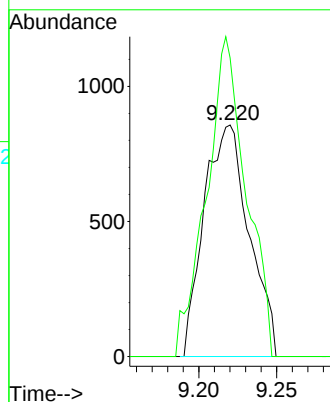
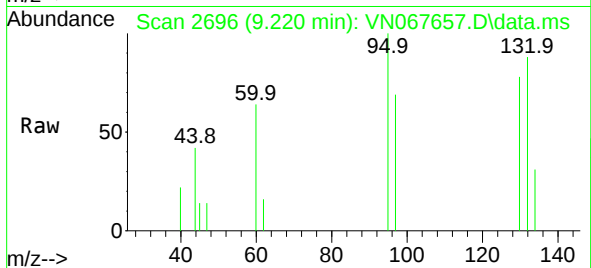
Acq: 8 Jul 2021 12:28

Tgt Ion:130 Resp: 1729

Ion Ratio Lower Upper

130 100

95 128.9 0.0 234.4



#45

1,2-Dichloropropane

Concen: 0.435 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VN067657.D

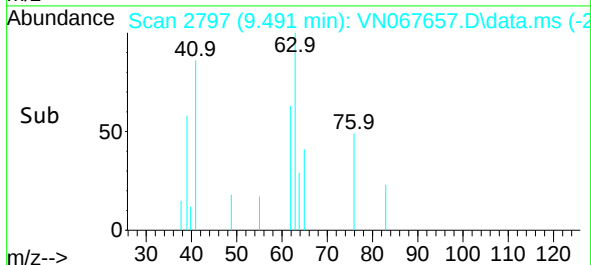
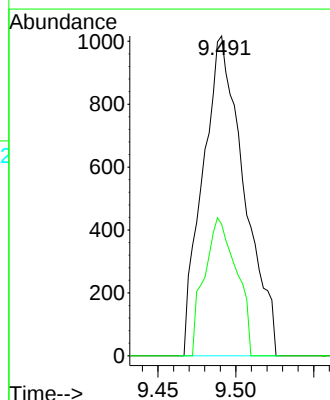
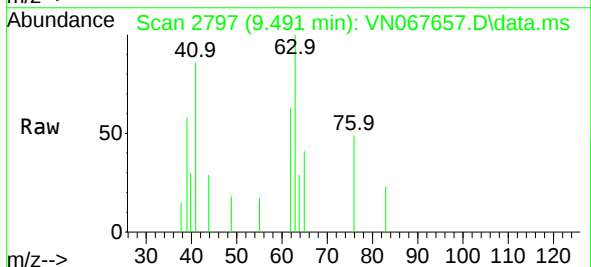
Acq: 8 Jul 2021 12:28

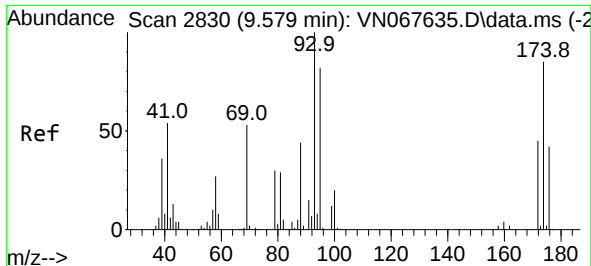
Tgt Ion: 63 Resp: 1876

Ion Ratio Lower Upper

63 100

65 41.1 24.3 36.5#

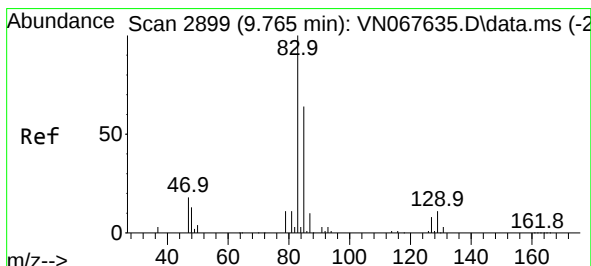
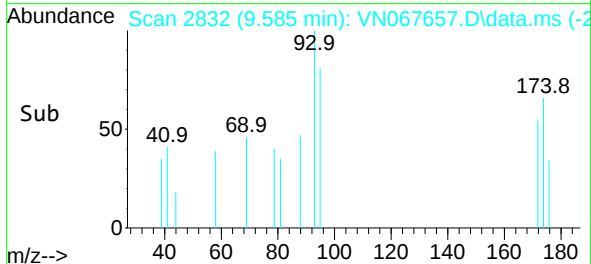
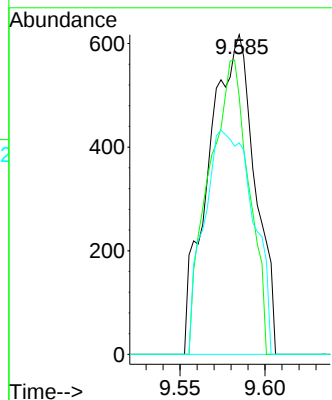
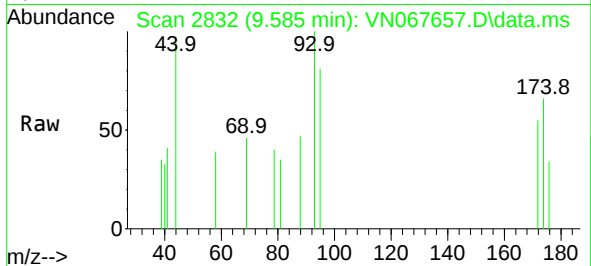




#46  
Dibromomethane  
Concen: 0.384 ug/l  
RT: 9.585 min Scan# 2832  
Delta R.T. 0.006 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

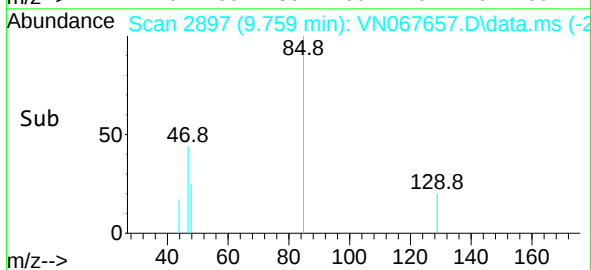
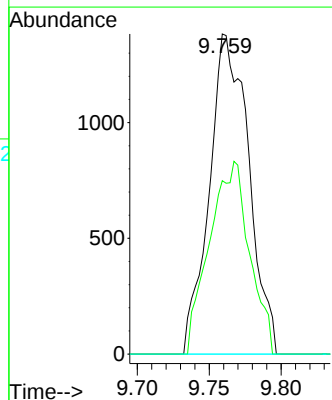
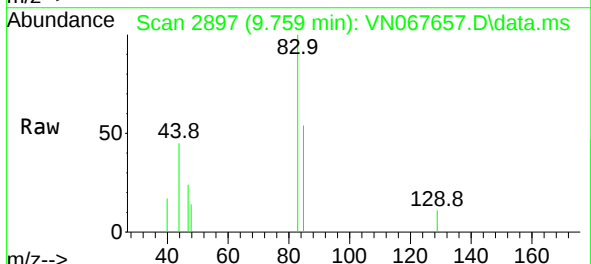
Instrument :  
MSVOA\_N  
ClientSampled :

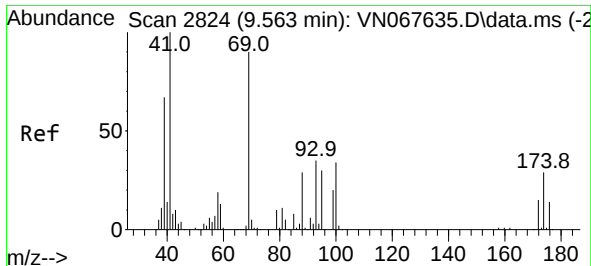
Tgt Ion: 93 Resp: 1173  
Ion Ratio Lower Upper  
93 100  
95 79.0 66.1 99.1  
174 73.8 61.0 91.4



#47  
Bromodichloromethane  
Concen: 0.441 ug/l  
RT: 9.759 min Scan# 2897  
Delta R.T. -0.006 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 83 Resp: 2638  
Ion Ratio Lower Upper  
83 100  
85 54.2 49.9 74.9  
127 0.0 6.1 9.1#

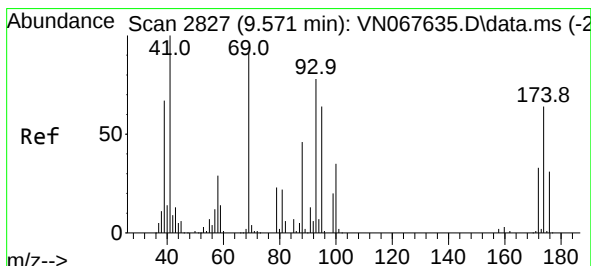
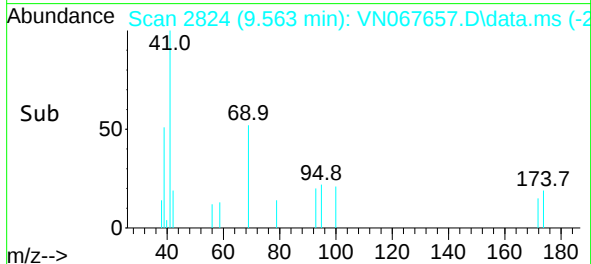
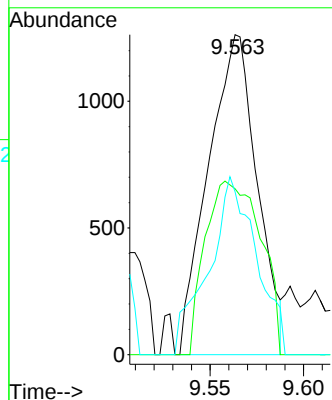
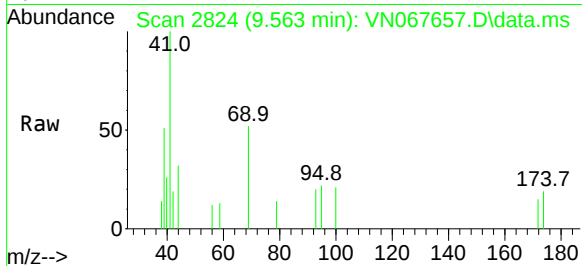




#48  
Methyl methacrylate  
Concen: 0.535 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. 0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

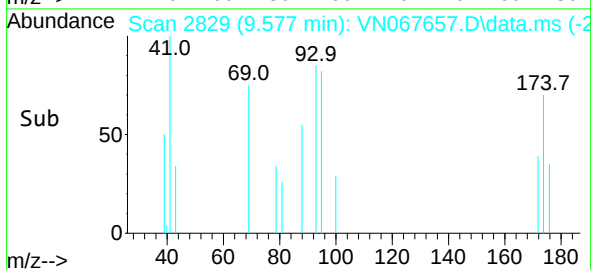
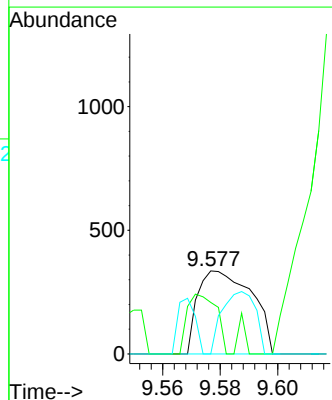
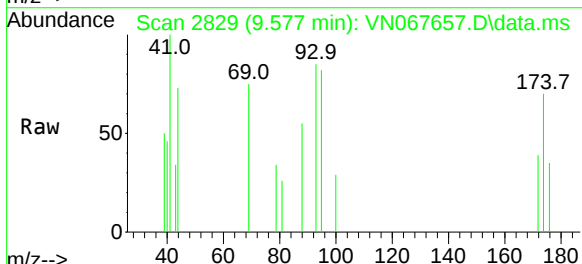
Instrument :  
MSVOA\_N  
ClientSampleId :

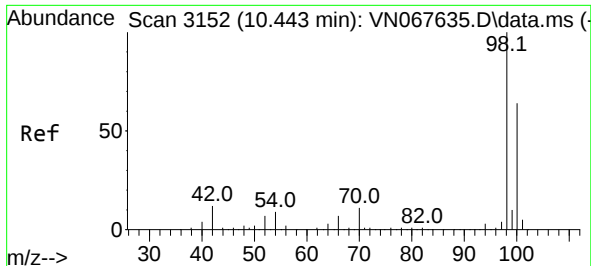
Tgt Ion: 41 Resp: 2292  
Ion Ratio Lower Upper  
41 100  
69 61.8 64.6 96.8#  
39 54.5 53.3 79.9



#49  
1,4-Dioxane  
Concen: 5.897 ug/l  
RT: 9.577 min Scan# 2829  
Delta R.T. 0.006 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 88 Resp: 438  
Ion Ratio Lower Upper  
88 100  
43 39.0 28.8 43.2  
58 21.5 60.4 90.6#

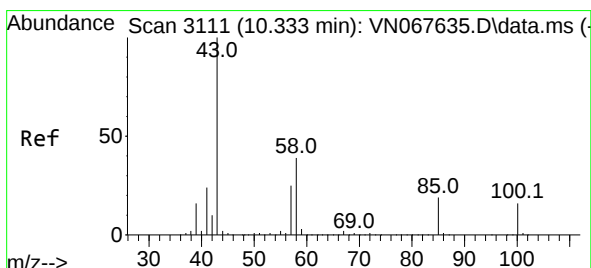
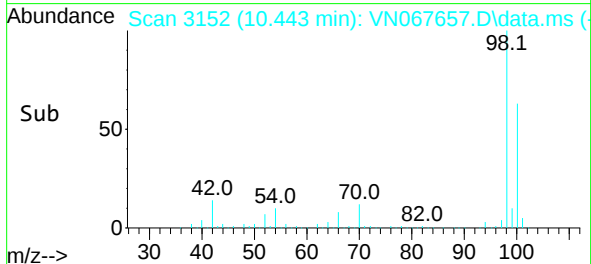
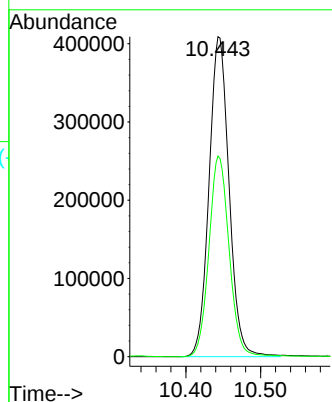
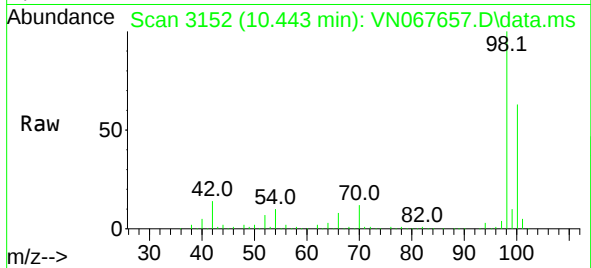




#50  
Toluene-d8  
Concen: 49.215 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

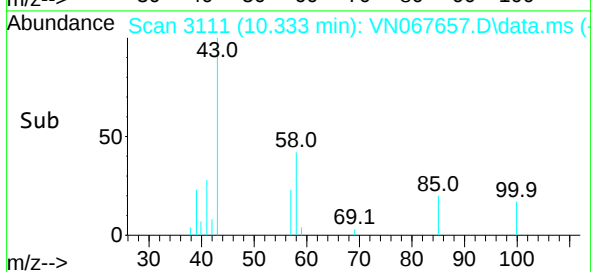
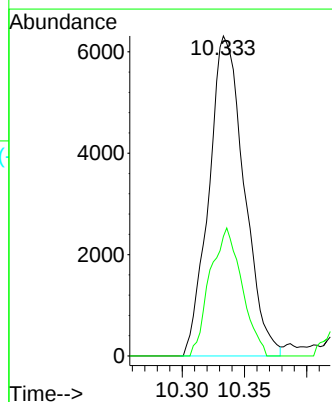
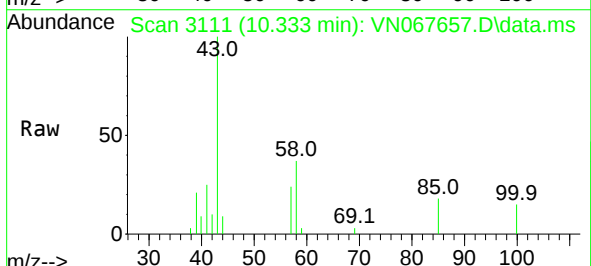
Instrument :  
MSVOA\_N  
ClientSampled :

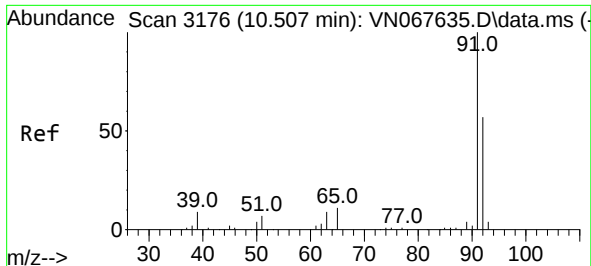
Tgt Ion: 98 Resp: 761680  
Ion Ratio Lower Upper  
98 100  
100 63.5 51.7 77.5



#51  
4-Methyl-2-Pentanone  
Concen: 2.085 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 43 Resp: 12408  
Ion Ratio Lower Upper  
43 100  
58 36.2 28.6 43.0

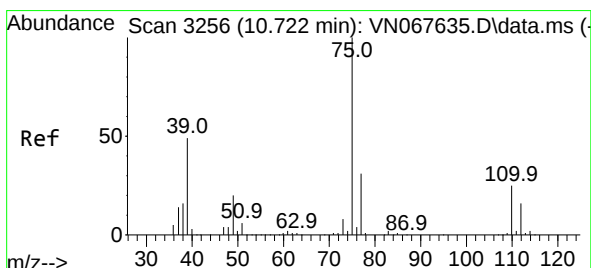
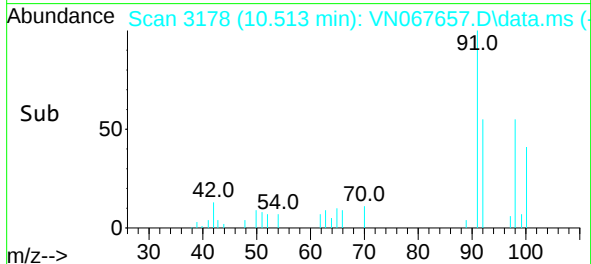
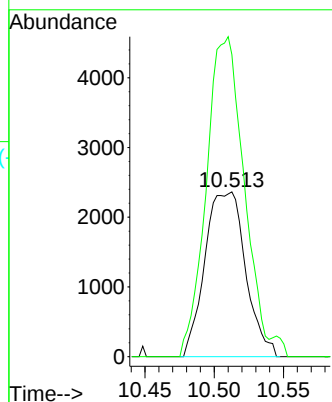
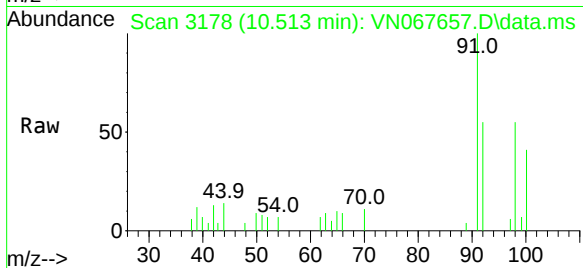




#52  
Toluene  
Concen: 0.432 ug/l  
RT: 10.513 min Scan# 3178  
Delta R.T. 0.006 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

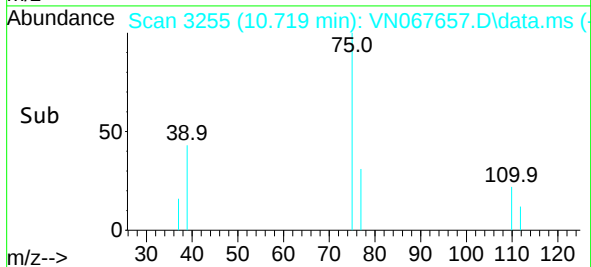
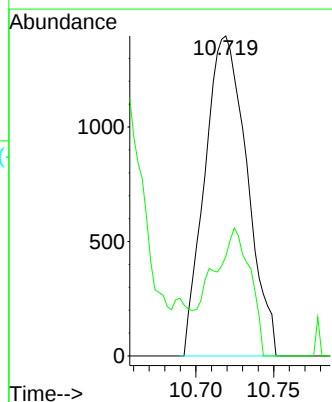
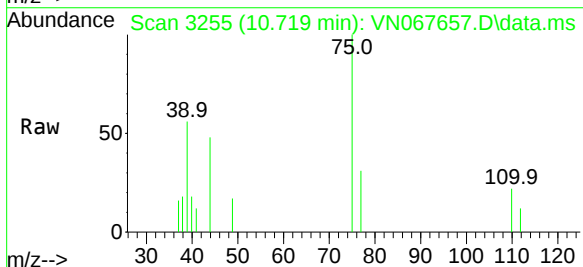
Instrument :  
MSVOA\_N  
ClientSampled :

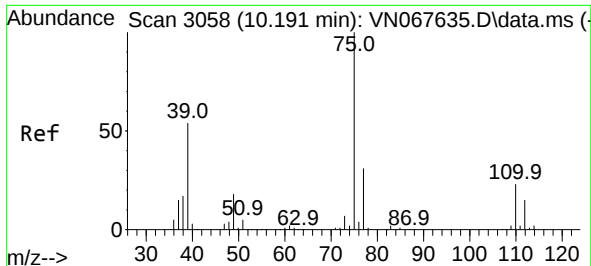
Tgt Ion: 92 Resp: 4817  
Ion Ratio Lower Upper  
92 100  
91 179.2 139.6 209.4



#53  
t-1,3-Dichloropropene  
Concen: 0.429 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. -0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 75 Resp: 2631  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.1 37.7



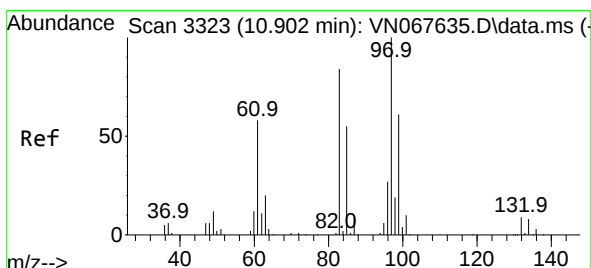
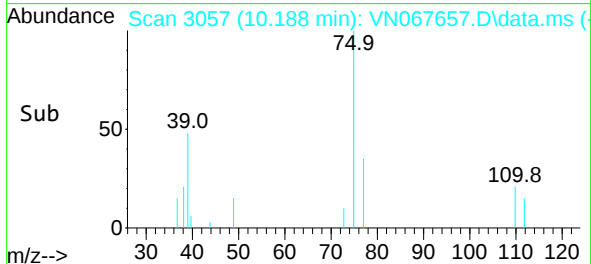
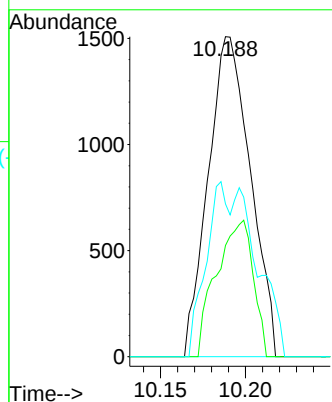
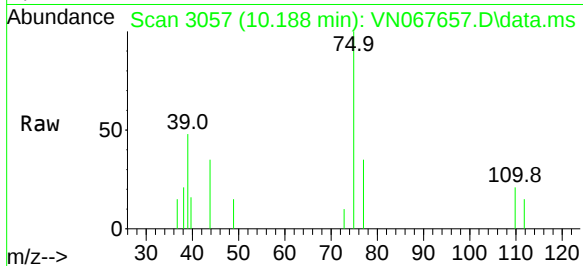


#54  
 cis-1,3-Dichloropropene  
 Concen: 0.392 ug/l  
 RT: 10.188 min Scan# 3057  
 Delta R.T. -0.003 min  
 Lab File: VN067657.D  
 Acq: 8 Jul 2021 12:28

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tgt Ion: 75 Resp: 2607  

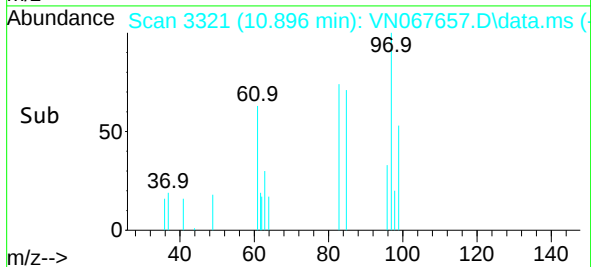
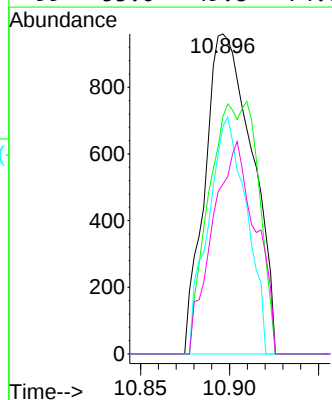
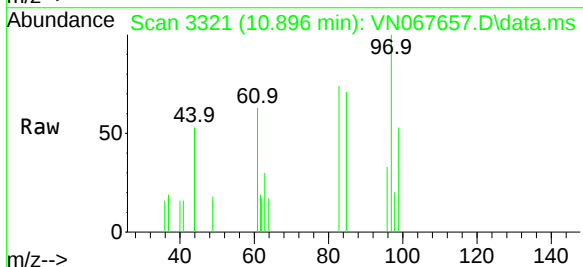
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 34.7  | 24.6  | 37.0  |
| 39  | 64.1  | 50.7  | 76.1  |

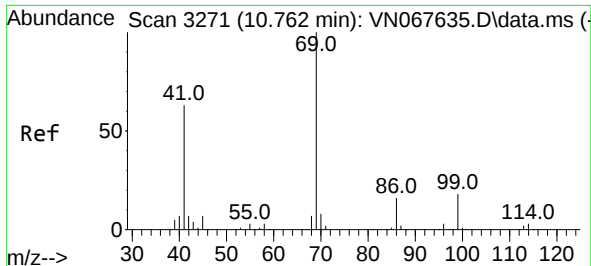


#55  
 1,1,2-Trichloroethane  
 Concen: 0.416 ug/l  
 RT: 10.896 min Scan# 3321  
 Delta R.T. -0.006 min  
 Lab File: VN067657.D  
 Acq: 8 Jul 2021 12:28

Tgt Ion: 97 Resp: 1779  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 74.2  | 72.0  | 108.0 |
| 85  | 71.0  | 46.8  | 70.2# |
| 99  | 53.0  | 49.8  | 74.6  |

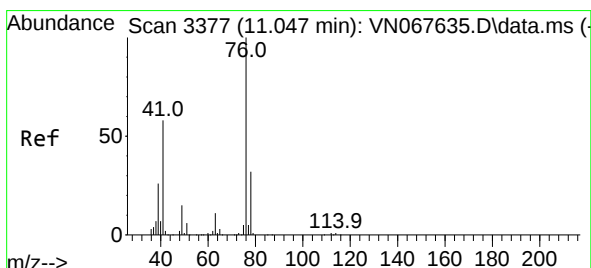
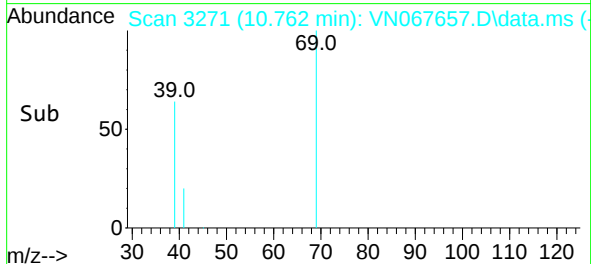
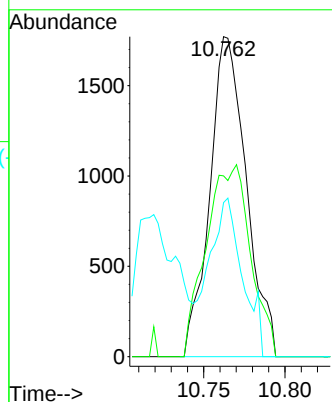
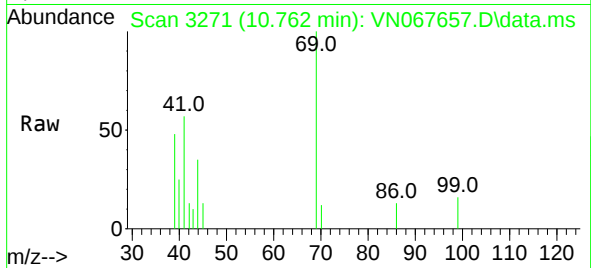




#56  
Ethyl methacrylate  
Concen: 0.420 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

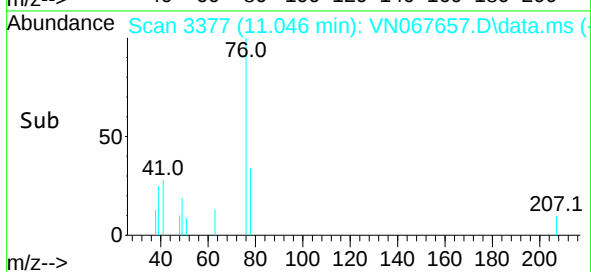
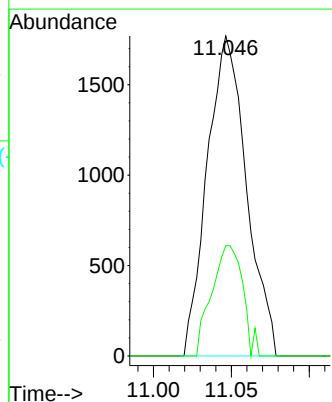
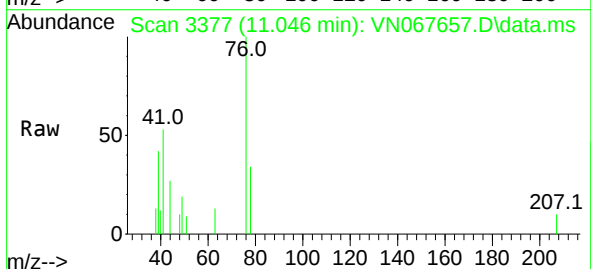
Instrument :  
MSVOA\_N  
ClientSampleId :

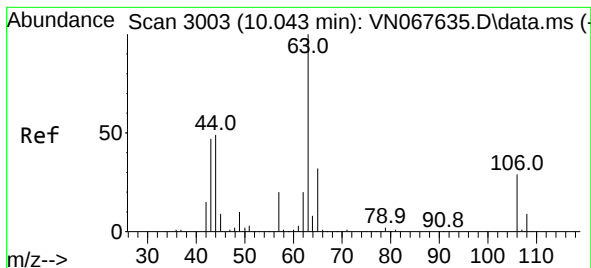
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 2767  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 73.2  | 58.6  | 88.0  |
| 39       | 45.8  | 38.3  | 57.5  |



#57  
1,3-Dichloropropane  
Concen: 0.423 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.001 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 3098  |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 27.3  | 25.7  | 38.5  |

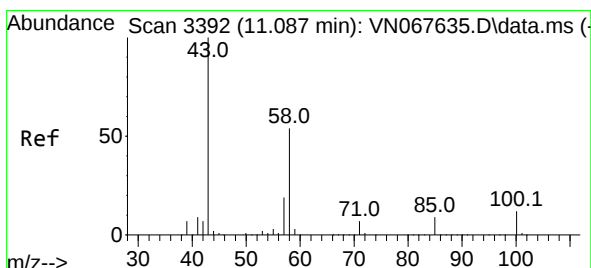
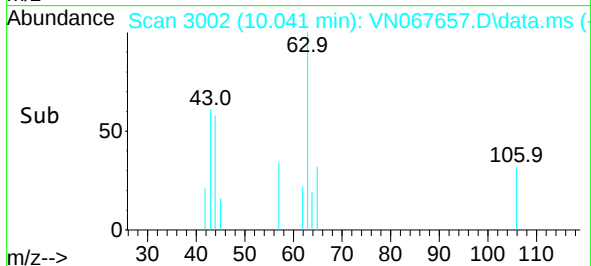
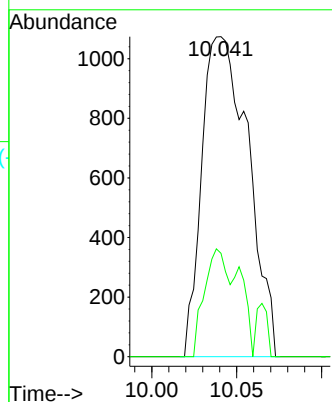
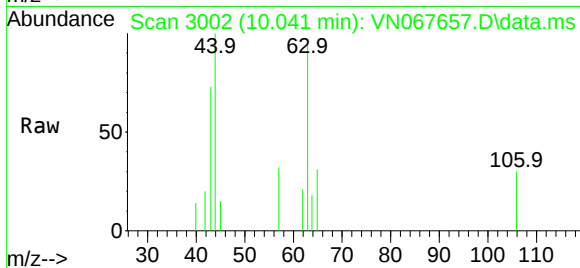




#58  
2-Chloroethyl Vinyl ether  
Concen: 1.492 ug/l  
RT: 10.041 min Scan# 3002  
Delta R.T. -0.002 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

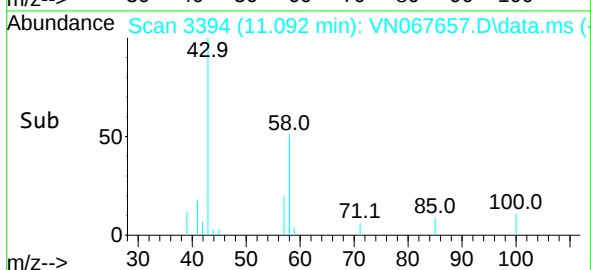
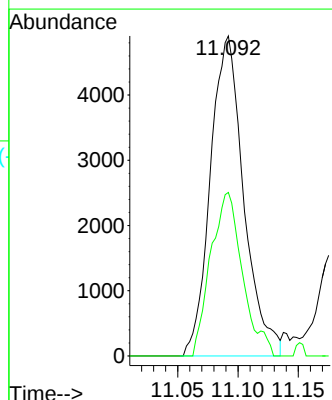
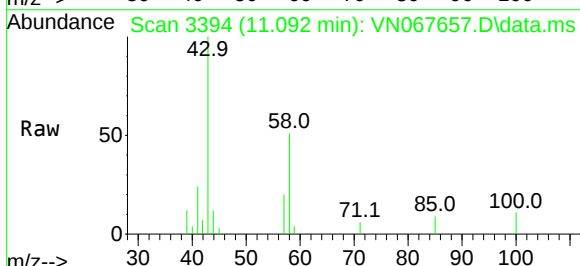
Instrument :  
MSVOA\_N  
ClientSampled :

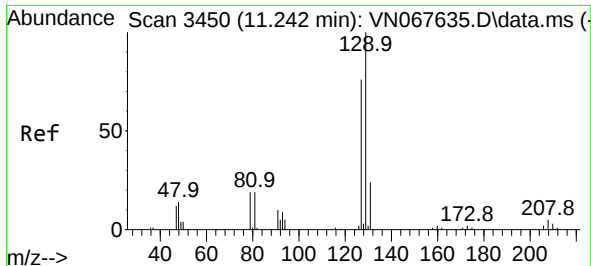
Tgt Ion: 63 Resp: 2036  
Ion Ratio Lower Upper  
63 100  
106 17.1 19.8 29.8#



#59  
2-Hexanone  
Concen: 2.272 ug/l  
RT: 11.092 min Scan# 3394  
Delta R.T. 0.005 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 43 Resp: 9441  
Ion Ratio Lower Upper  
43 100  
58 48.6 24.7 74.1

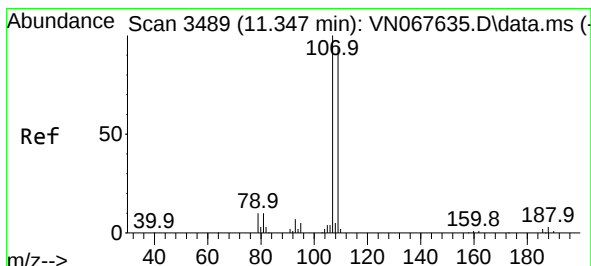
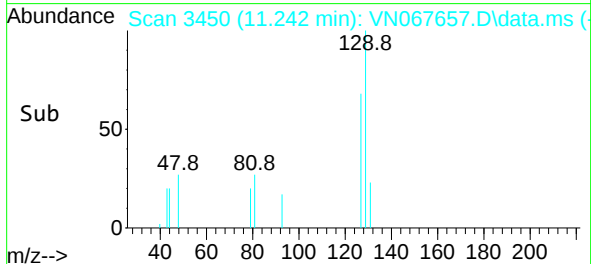
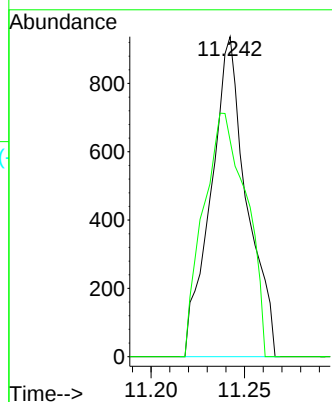
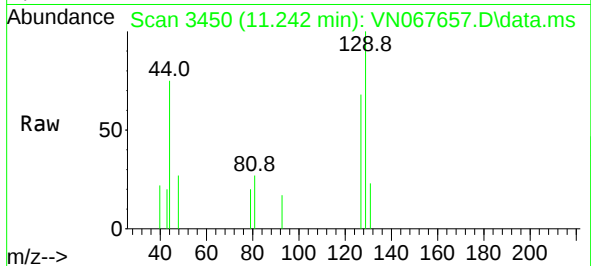




#60  
Dibromochloromethane  
Concen: 0.288 ug/l  
RT: 11.242 min Scan# 3450  
Delta R.T. 0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

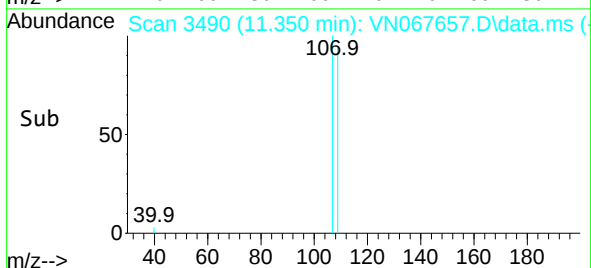
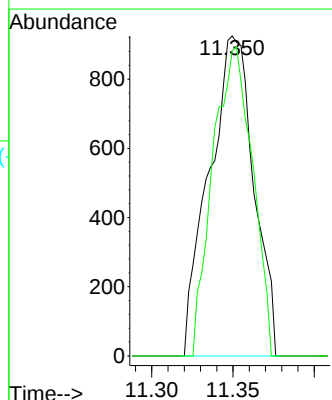
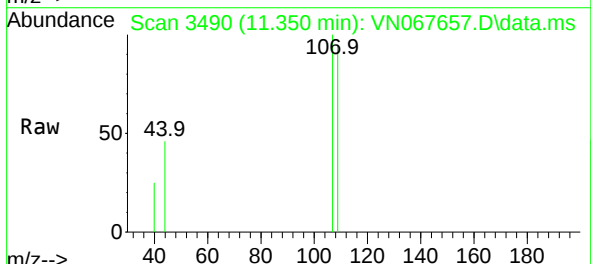
Instrument :  
MSVOA\_N  
ClientSampleId :

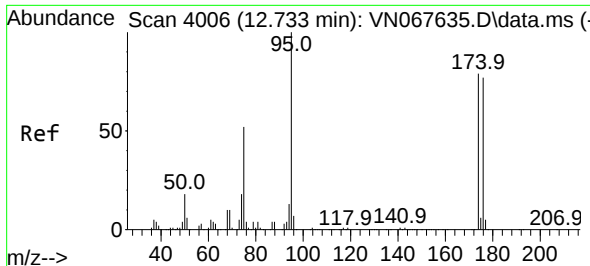
Tgt Ion:129 Resp: 1248  
Ion Ratio Lower Upper  
129 100  
127 91.2 38.6 115.8



#61  
1,2-Dibromoethane  
Concen: 0.407 ug/l  
RT: 11.350 min Scan# 3490  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion:107 Resp: 1773  
Ion Ratio Lower Upper  
107 100  
109 85.6 75.0 112.4

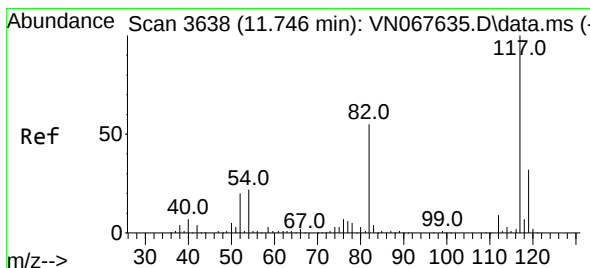
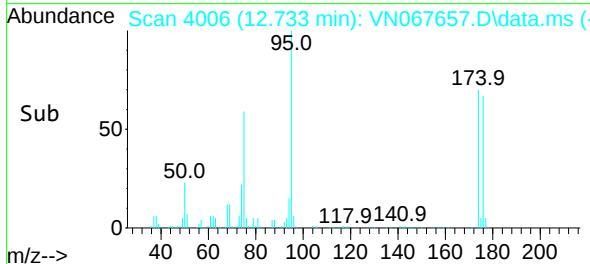
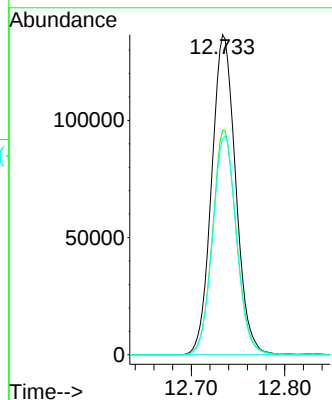
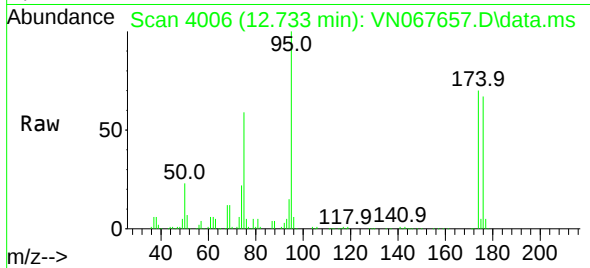




#62  
4-Bromofluorobenzene  
Concen: 44.666 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

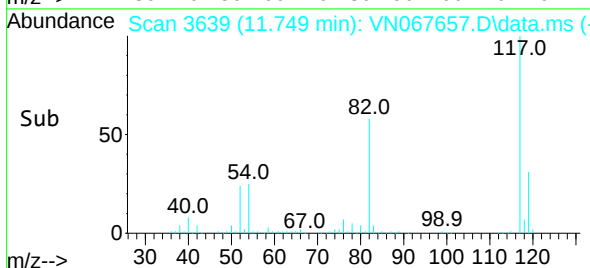
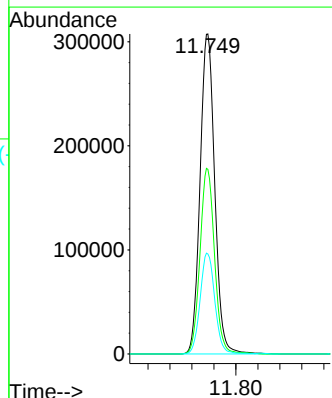
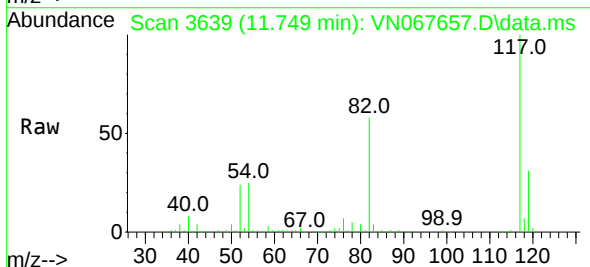
Instrument :  
MSVOA\_N  
ClientSampleId :

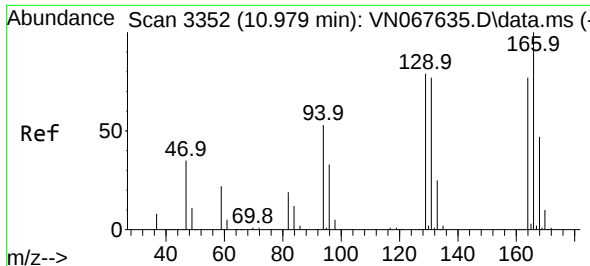
Tgt Ion: 95 Resp: 244199  
Ion Ratio Lower Upper  
95 100  
174 69.7 0.0 122.0  
176 68.1 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

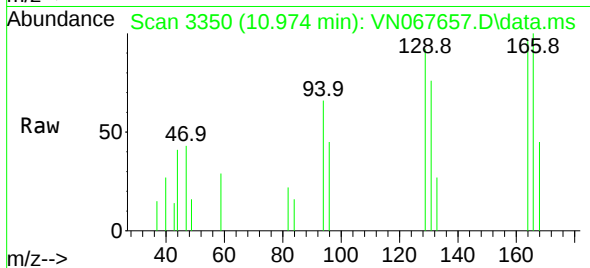
Tgt Ion: 117 Resp: 569441  
Ion Ratio Lower Upper  
117 100  
82 57.7 53.1 79.7  
119 31.3 25.5 38.3



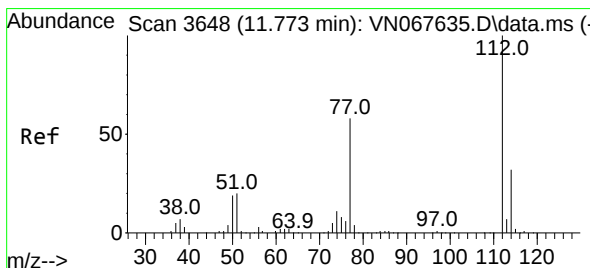
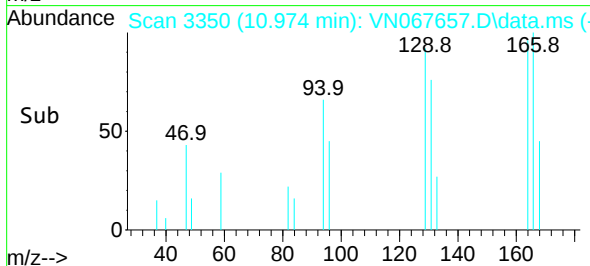
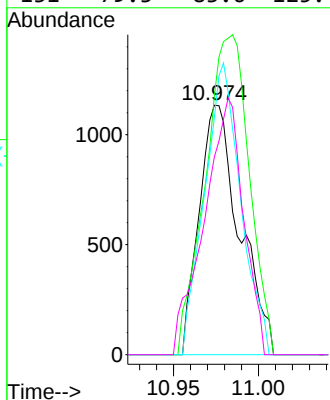


#64  
Tetrachloroethene  
Concen: 0.466 ug/l  
RT: 10.974 min Scan# 3350  
Delta R.T. -0.005 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :

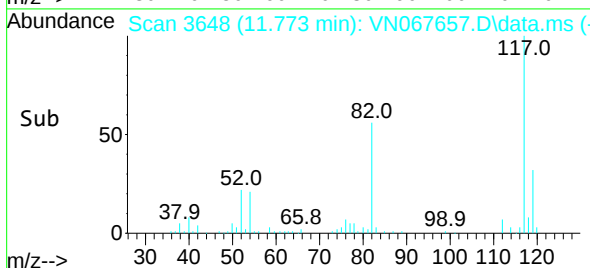
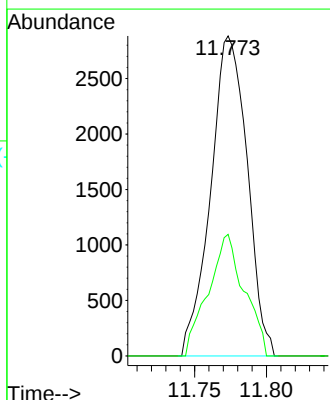
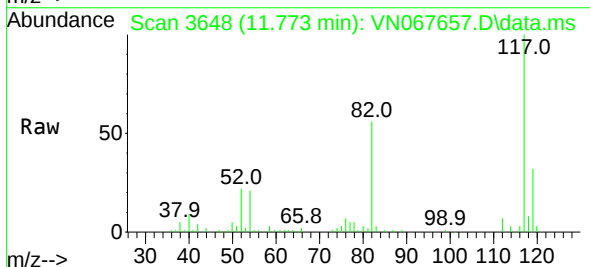


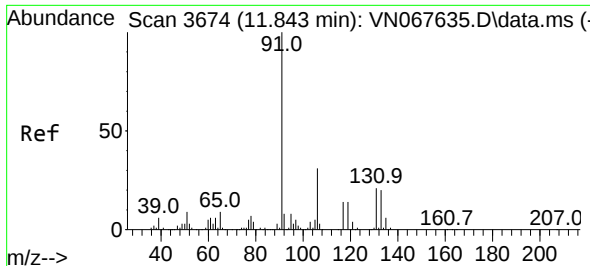
Tgt Ion:164 Resp: 1875  
Ion Ratio Lower Upper  
164 100  
166 103.8 102.1 153.1  
129 95.0 86.9 130.3  
131 79.3 83.6 125.4#



#65  
Chlorobenzene  
Concen: 0.436 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion:112 Resp: 5097  
Ion Ratio Lower Upper  
112 100  
114 38.0 24.6 37.0#

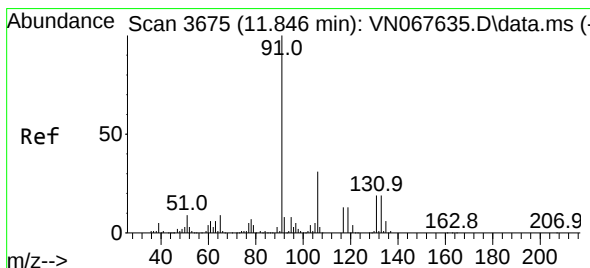
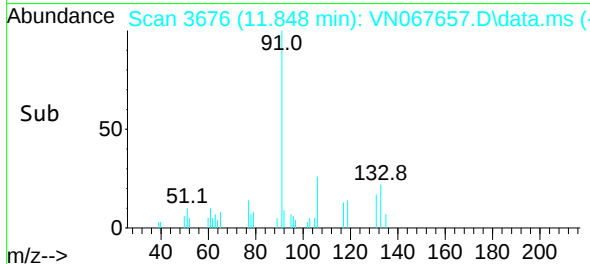
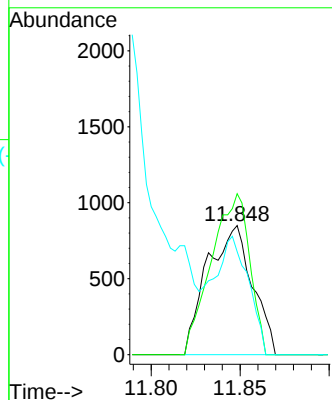
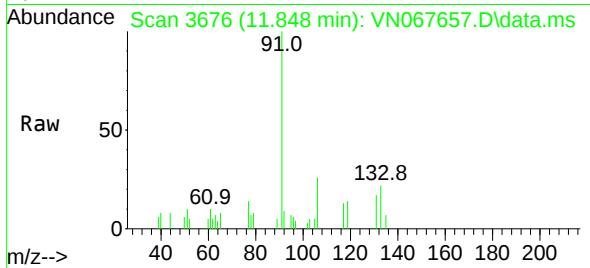




#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.364 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.005 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

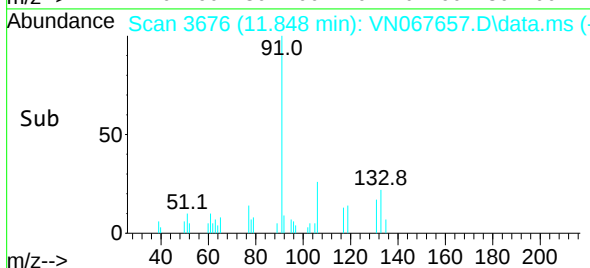
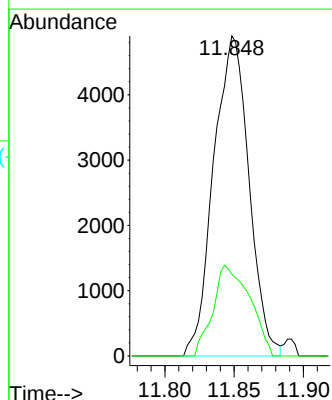
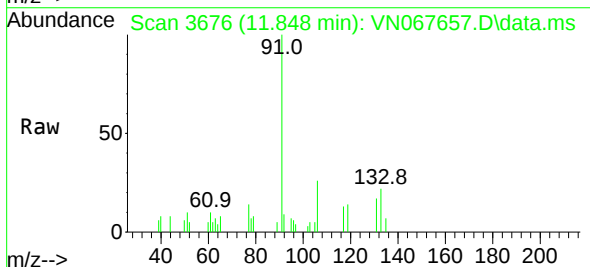
Instrument :  
MSVOA\_N  
ClientSampled :

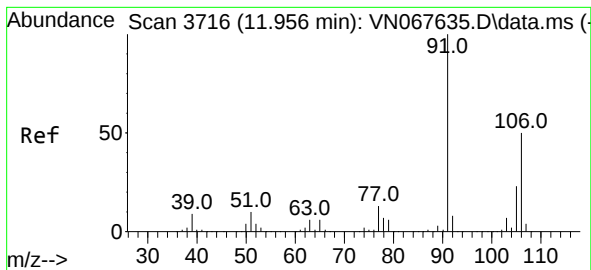
Tgt Ion:131 Resp: 1498  
Ion Ratio Lower Upper  
131 100  
133 106.0 47.5 142.5  
119 0.0 33.1 99.3#



#67  
Ethyl Benzene  
Concen: 0.409 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.002 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 91 Resp: 8703  
Ion Ratio Lower Upper  
91 100  
106 25.6 23.4 35.0

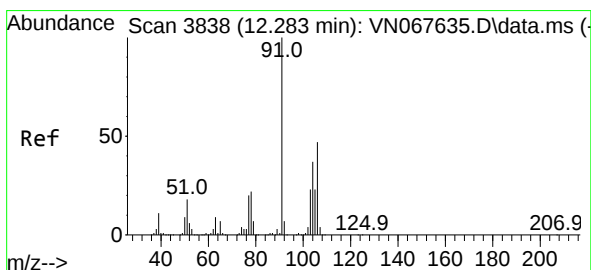
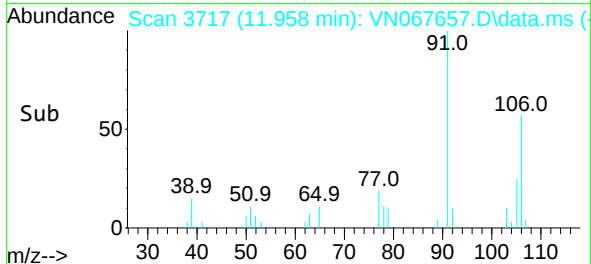
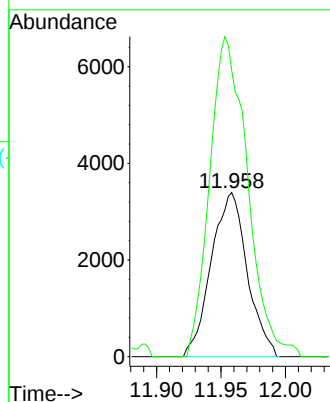
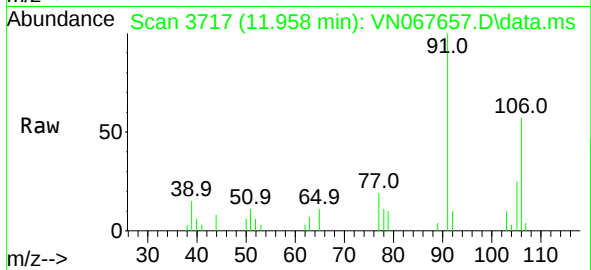




#68  
m/p-Xylenes  
Concen: 0.818 ug/l  
RT: 11.958 min Scan# 3717  
Delta R.T. 0.002 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

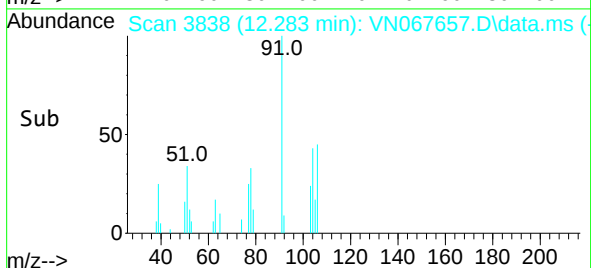
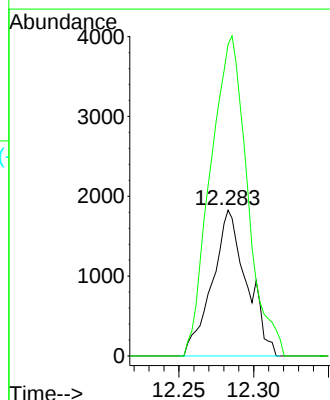
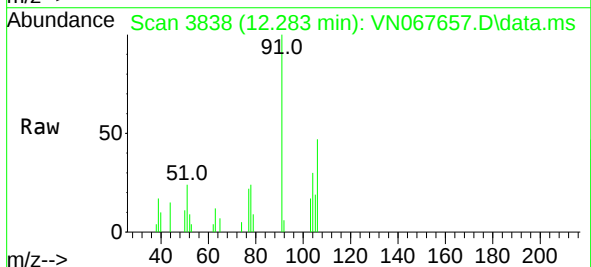
Instrument :  
MSVOA\_N  
ClientSampleId :

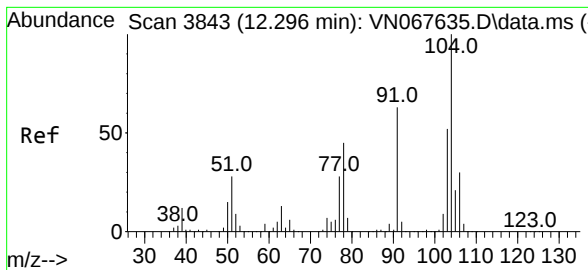
Tgt Ion:106 Resp: 6591  
Ion Ratio Lower Upper  
106 100  
91 204.9 180.6 270.8



#69  
o-Xylene  
Concen: 0.371 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion:106 Resp: 2935  
Ion Ratio Lower Upper  
106 100  
91 234.5 118.3 354.9

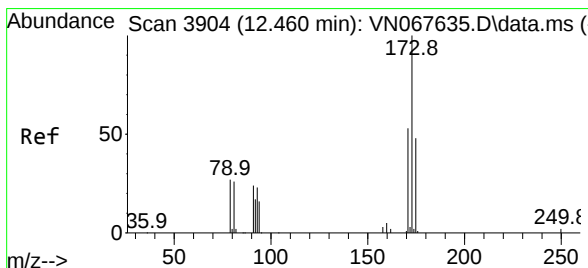
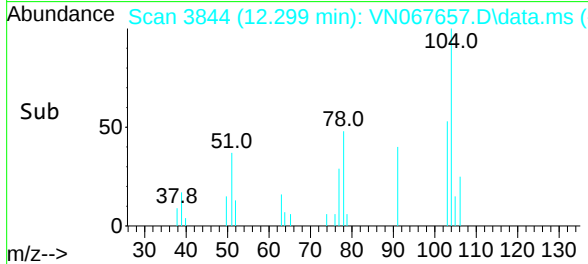
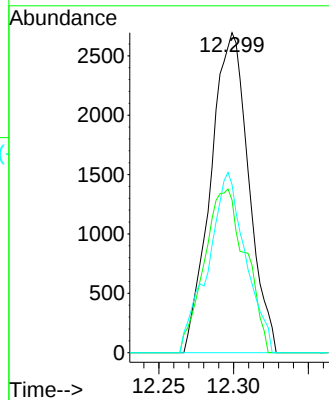
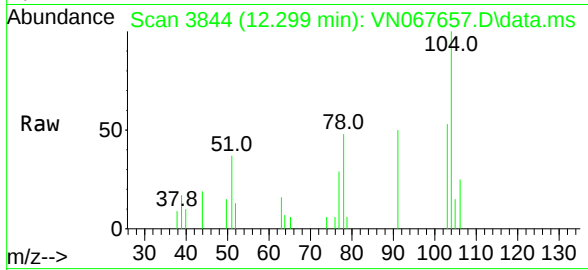




#70  
Styrene  
Concen: 0.375 ug/l  
RT: 12.299 min Scan# 3844  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

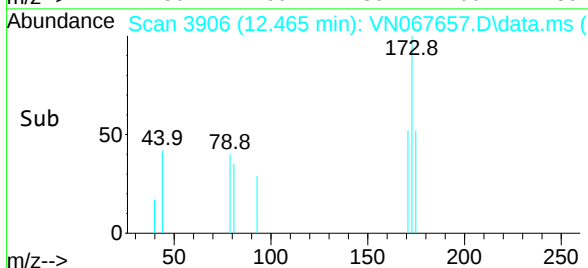
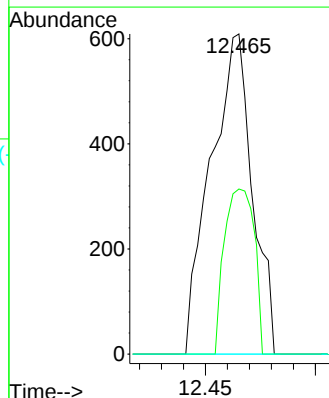
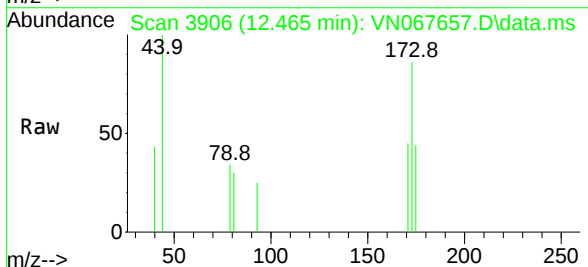
Instrument :  
MSVOA\_N  
ClientSampleId :

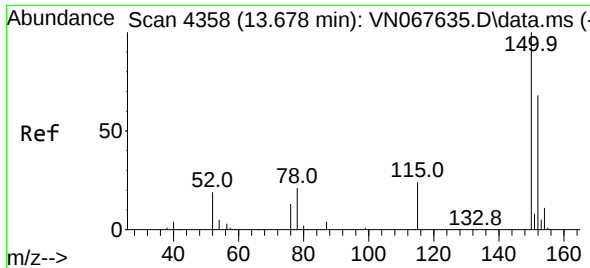
Tgt Ion:104 Resp: 4754  
Ion Ratio Lower Upper  
104 100  
78 55.7 48.2 72.2  
103 55.7 44.5 66.7



#71  
Bromoform  
Concen: 0.287 ug/l  
RT: 12.465 min Scan# 3906  
Delta R.T. 0.005 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion:173 Resp: 798  
Ion Ratio Lower Upper  
173 100  
175 0.0 23.9 71.8#  
254 0.0 0.0 0.0

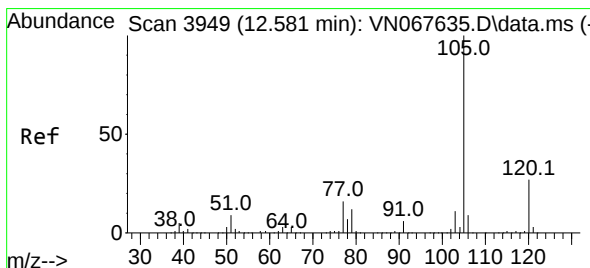
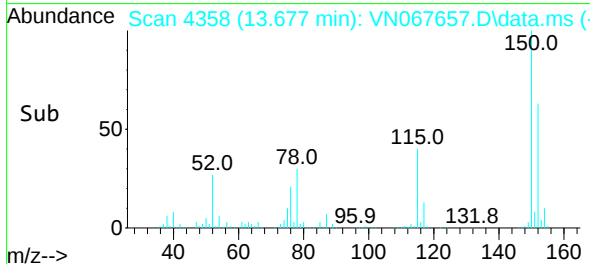
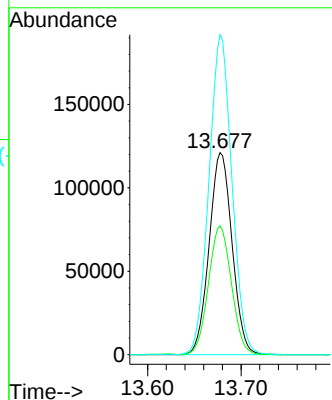
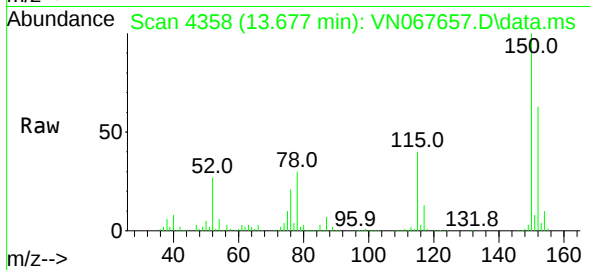




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. -0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

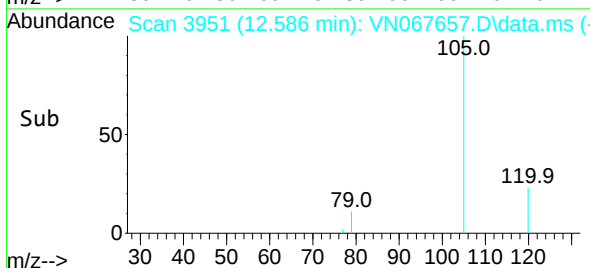
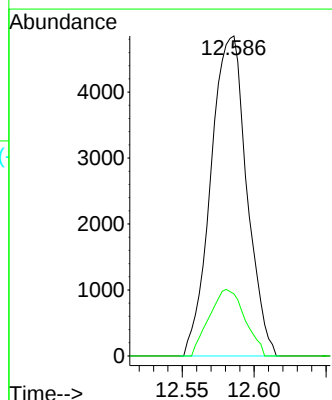
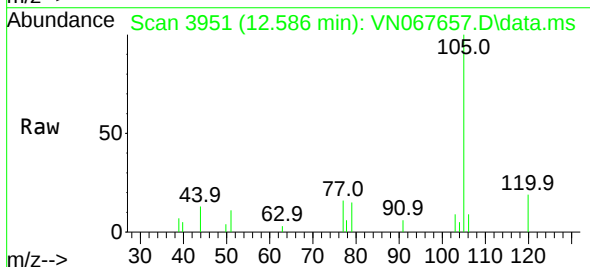
Instrument :  
MSVOA\_N  
ClientSampleId :

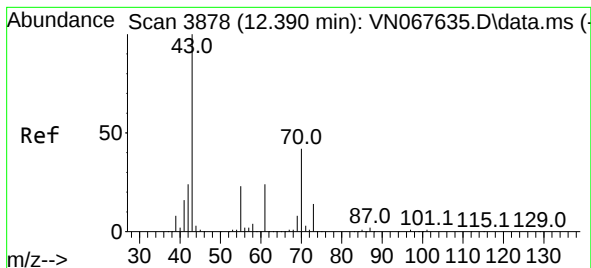
Tgt Ion:152 Resp: 207046  
Ion Ratio Lower Upper  
152 100  
115 63.7 36.1 108.5  
150 158.5 0.0 351.8



#73  
Isopropylbenzene  
Concen: 0.504 ug/l  
RT: 12.586 min Scan# 3951  
Delta R.T. 0.005 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

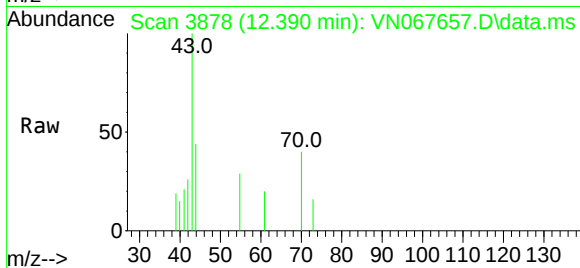
Tgt Ion:105 Resp: 8421  
Ion Ratio Lower Upper  
105 100  
120 20.6 12.5 37.5



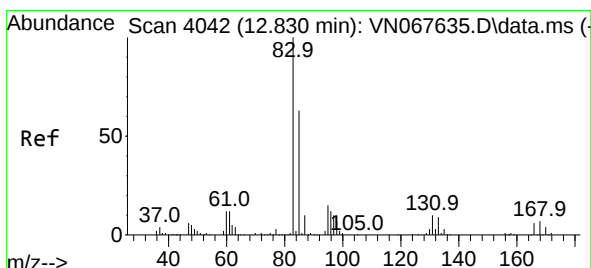
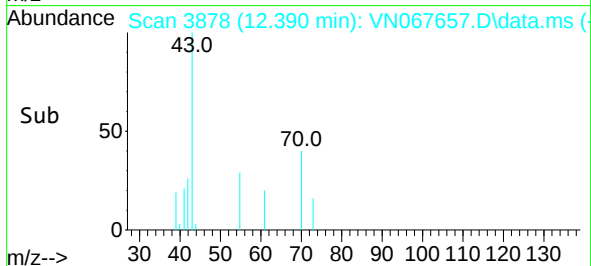
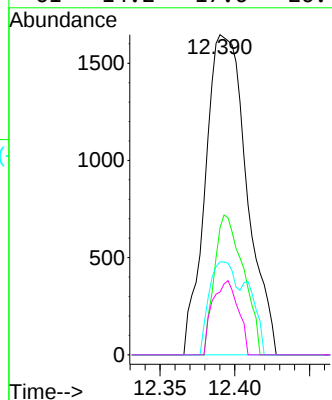


#74  
N-amy1 acetate  
Concen: 0.524 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

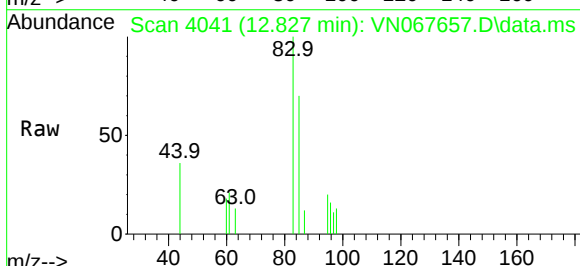
Instrument :  
MSVOA\_N  
ClientSampled :



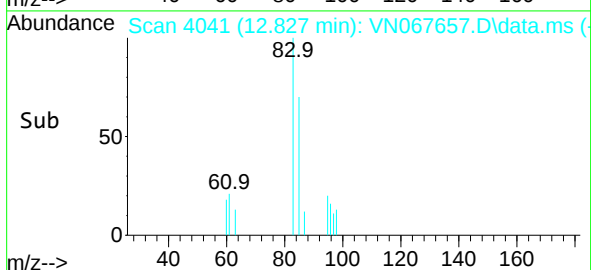
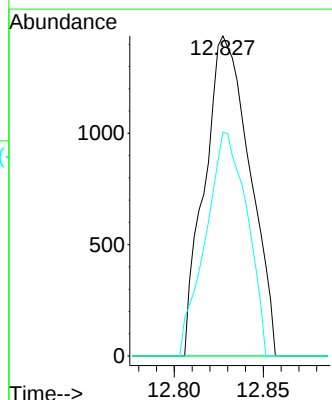
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3174  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 30.4  | 29.4  | 44.2  |
| 55       | 19.4  | 17.0  | 25.4  |
| 61       | 14.2  | 17.6  | 26.4  |

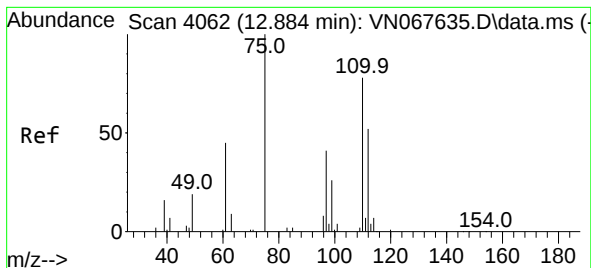


#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.522 ug/l  
RT: 12.827 min Scan# 4041  
Delta R.T. -0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 2531  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 0.0   | 4.8   | 14.4  |
| 85       | 64.1  | 32.2  | 96.6  |

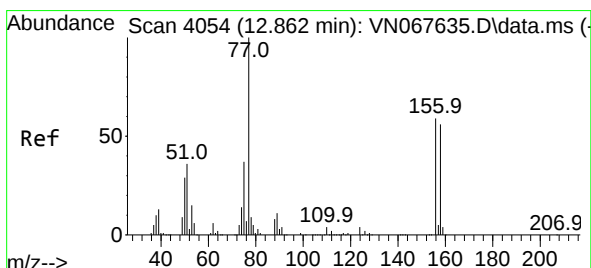
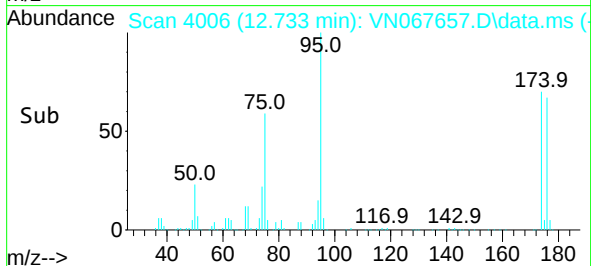
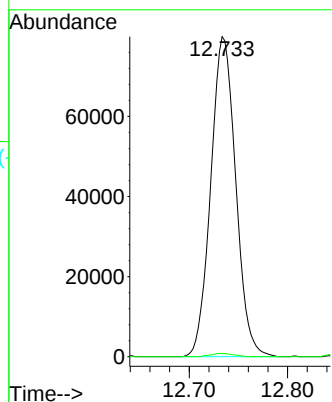
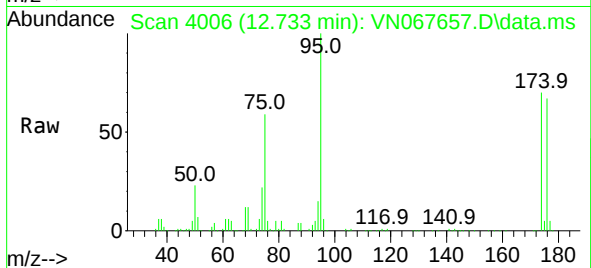




#76  
1,2,3-Trichloropropane  
Concen: 33.390 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.151 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

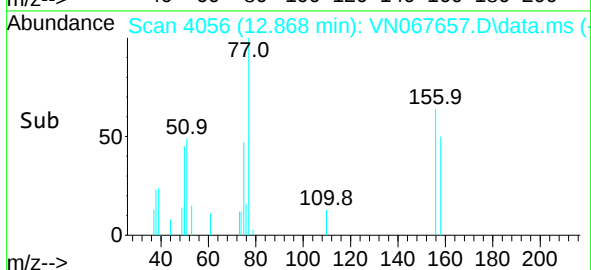
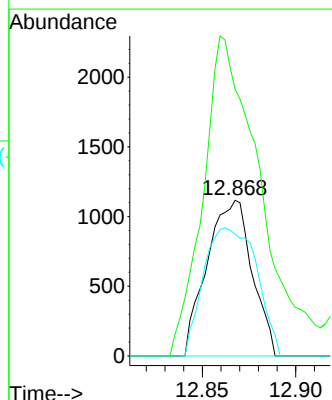
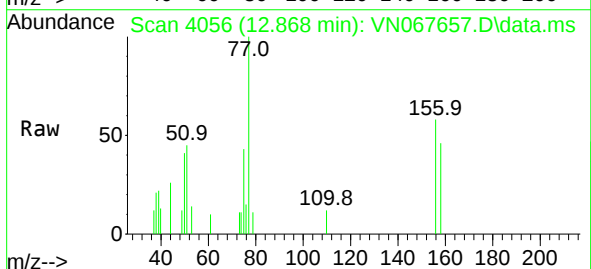
Instrument :  
MSVOA\_N  
ClientSampleId :

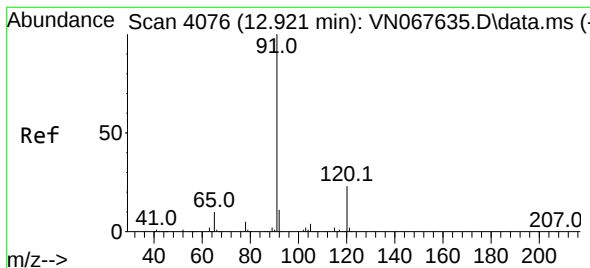
Tgt Ion: 75 Resp: 141182  
Ion Ratio Lower Upper  
75 100  
77 0.9 0.0 0.0#



#77  
Bromobenzene  
Concen: 0.507 ug/l  
RT: 12.868 min Scan# 4056  
Delta R.T. 0.005 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion:156 Resp: 1873  
Ion Ratio Lower Upper  
156 100  
77 259.6 136.2 408.6  
158 97.1 48.4 145.3

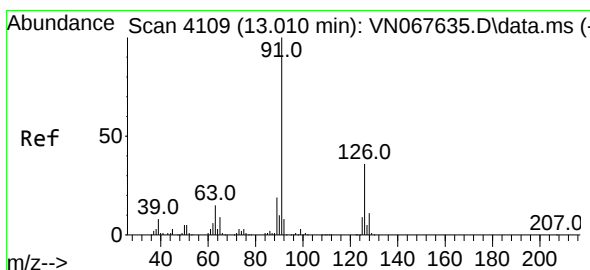
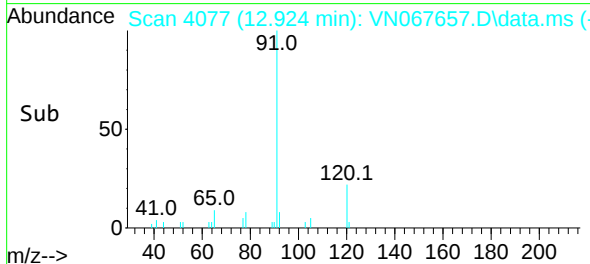
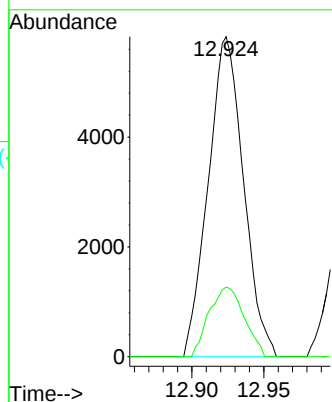
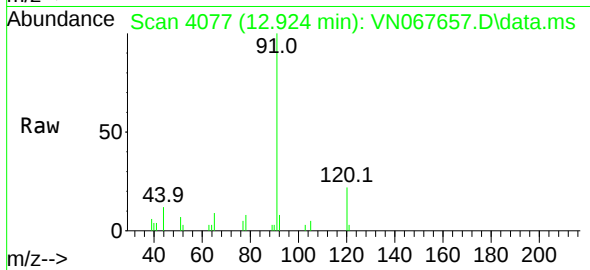




#78  
n-propylbenzene  
Concen: 0.525 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

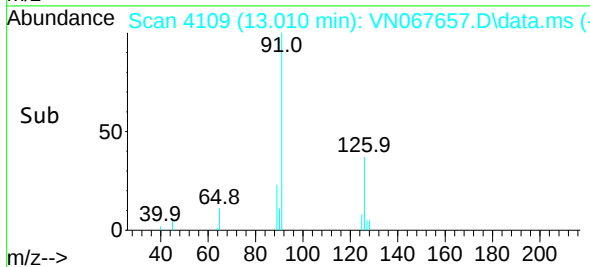
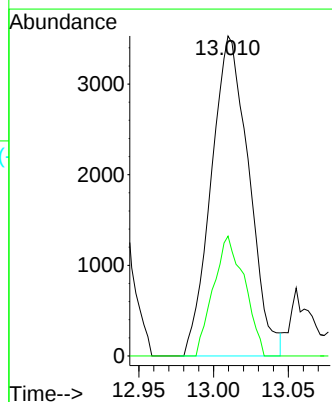
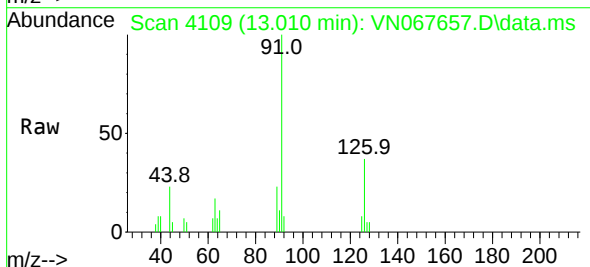
Instrument :  
MSVOA\_N  
ClientSampled :

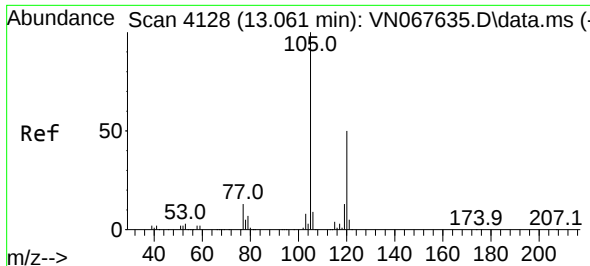
Tgt Ion: 91 Resp: 9923  
Ion Ratio Lower Upper  
91 100  
120 21.7 10.4 31.4



#79  
2-Chlorotoluene  
Concen: 0.542 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 91 Resp: 6190  
Ion Ratio Lower Upper  
91 100  
126 30.9 14.5 43.5

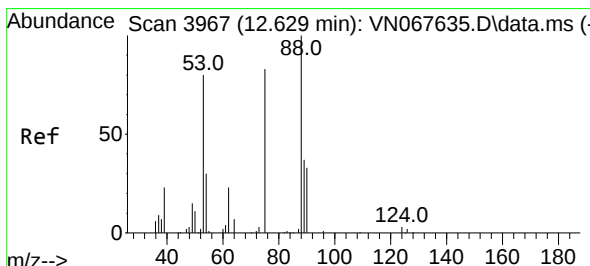
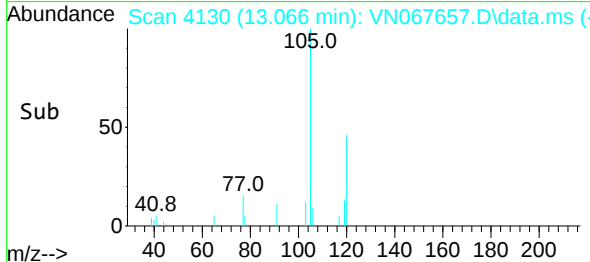
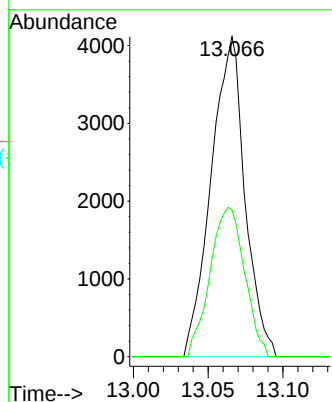
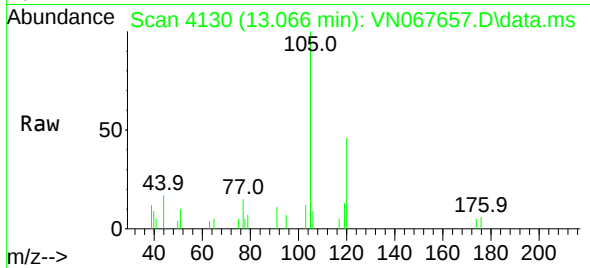




#80  
1,3,5-Trimethylbenzene  
Concen: 0.479 ug/l  
RT: 13.066 min Scan# 4130  
Delta R.T. 0.005 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

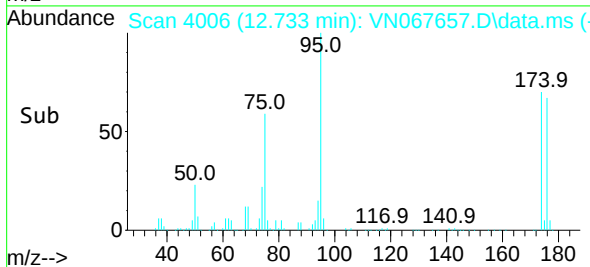
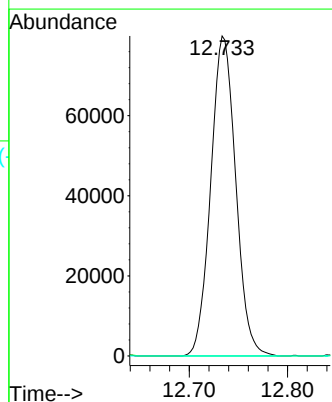
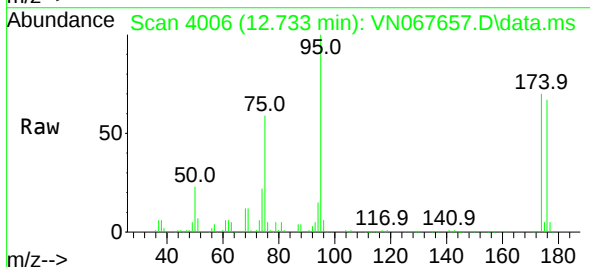
Instrument :  
MSVOA\_N  
ClientSampled :

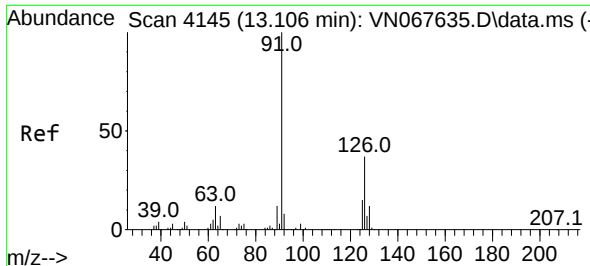
Tgt Ion:105 Resp: 6477  
Ion Ratio Lower Upper  
105 100  
120 47.7 22.2 66.6



#81  
trans-1,4-Dichloro-2-butene  
Concen: 107.653 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.104 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 75 Resp: 141182  
Ion Ratio Lower Upper  
75 100  
53 0.0 87.6 131.4#  
89 0.0 37.8 56.8#

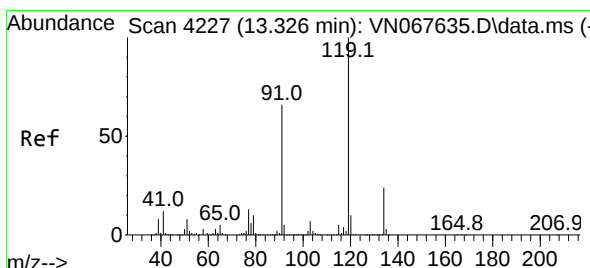
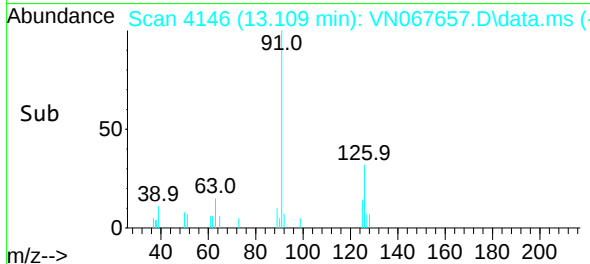
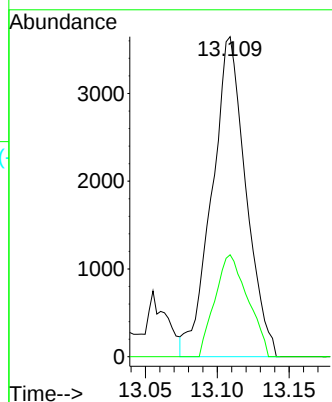
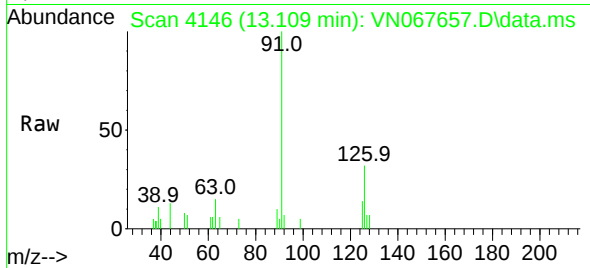




#82  
4-Chlorotoluene  
Concen: 0.529 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

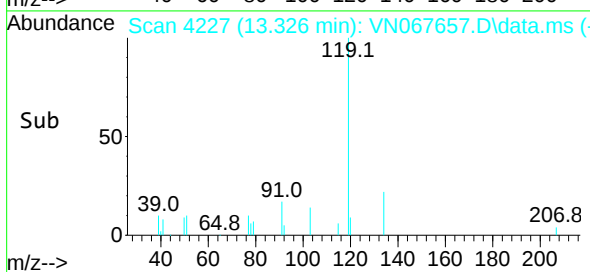
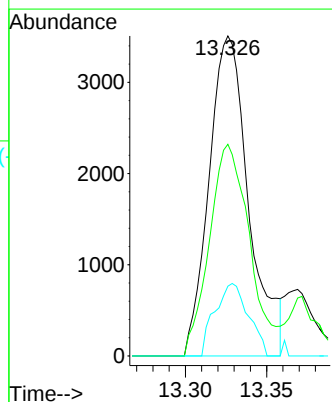
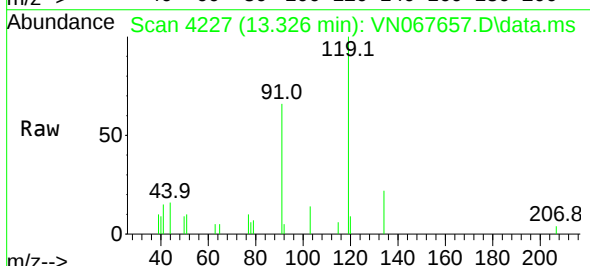
Instrument :  
MSVOA\_N  
ClientSampled :

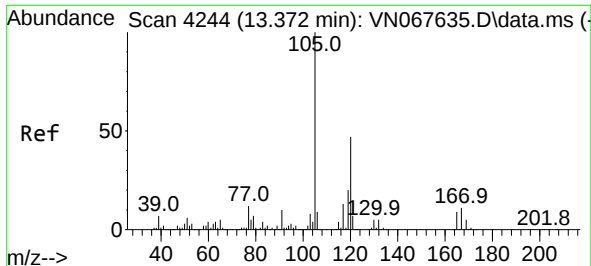
Tgt Ion: 91 Resp: 5974  
Ion Ratio Lower Upper  
91 100  
126 30.8 14.8 44.4



#83  
tert-Butylbenzene  
Concen: 0.516 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 119 Resp: 5959  
Ion Ratio Lower Upper  
119 100  
91 66.4 39.5 118.5  
134 19.2 12.0 36.0

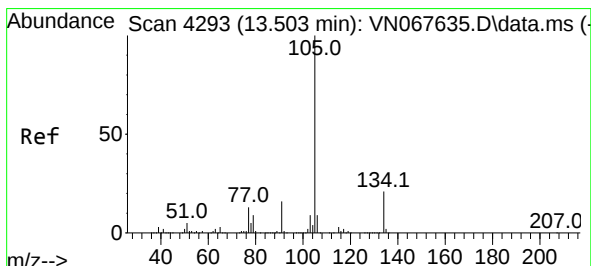
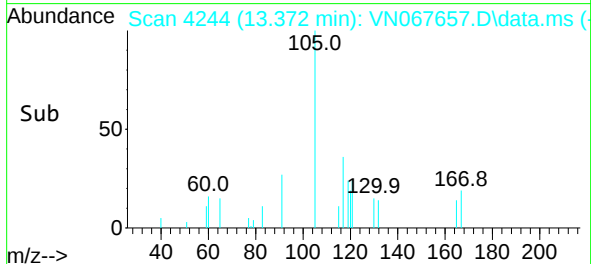
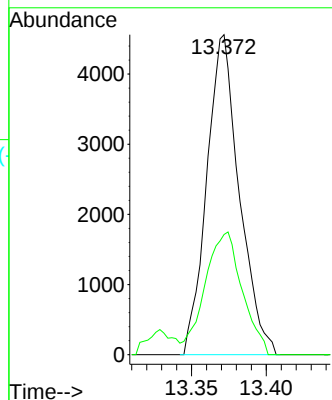
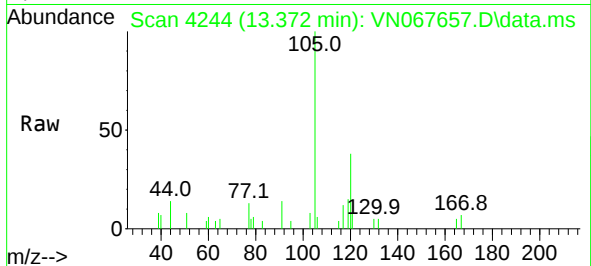




#84  
1,2,4-Trimethylbenzene  
Concen: 0.521 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. -0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

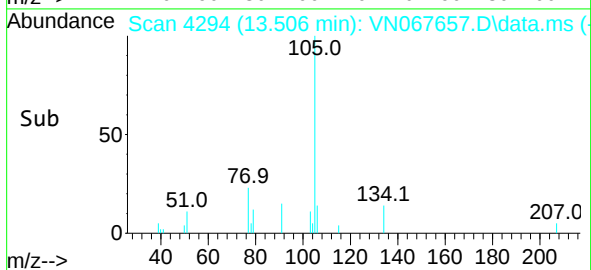
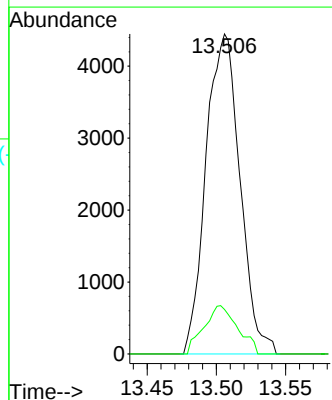
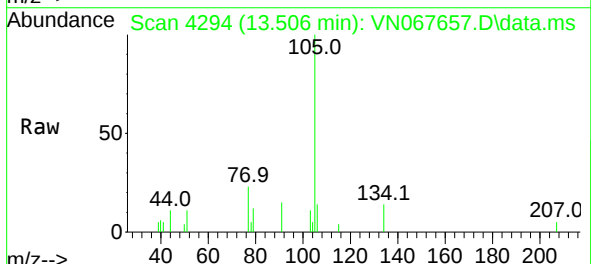
Instrument :  
MSVOA\_N  
ClientSampled :

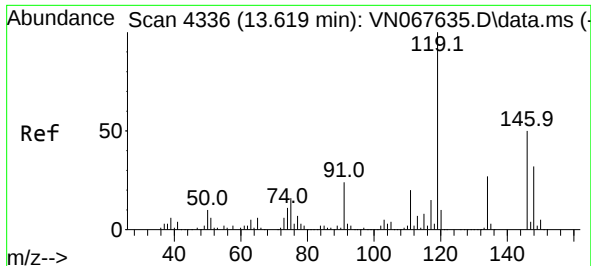
Tgt Ion:105 Resp: 6907  
Ion Ratio Lower Upper  
105 100  
120 43.9 20.6 61.8



#85  
sec-Butylbenzene  
Concen: 0.475 ug/l  
RT: 13.506 min Scan# 4294  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion:105 Resp: 7595  
Ion Ratio Lower Upper  
105 100  
134 15.0 9.0 27.1

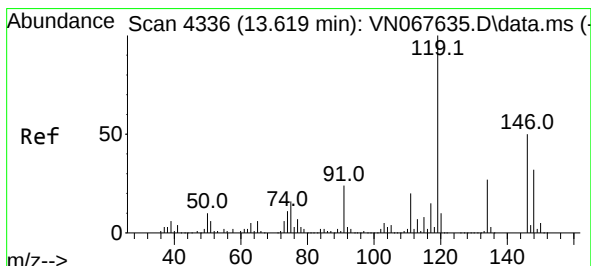
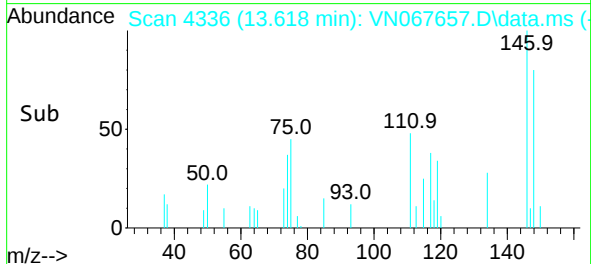
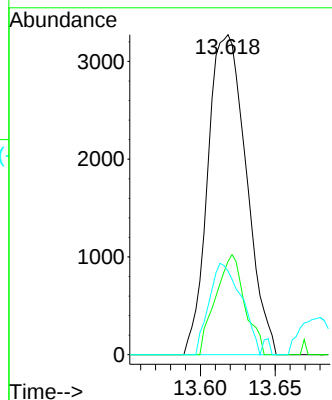
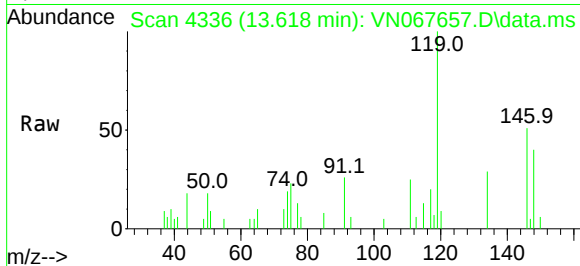




#86  
p-Isopropyltoluene  
Concen: 0.453 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.001 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

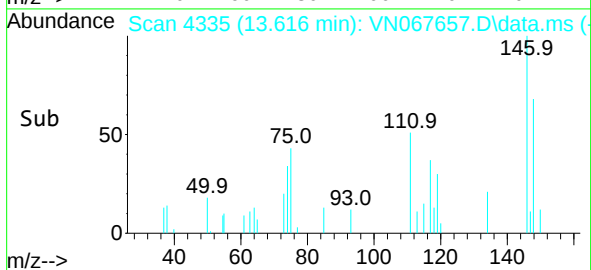
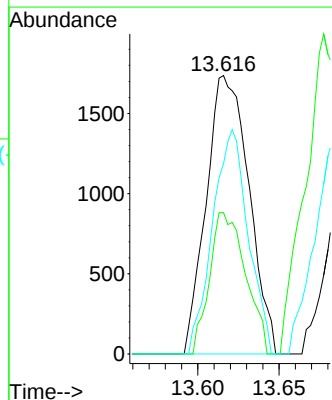
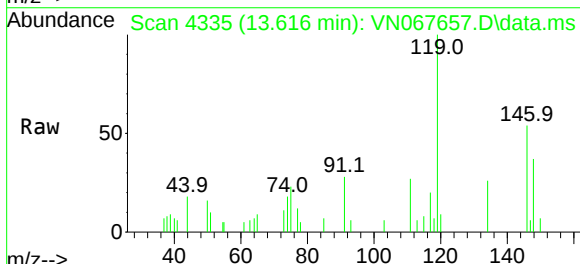
Instrument :  
MSVOA\_N  
ClientSampleId :

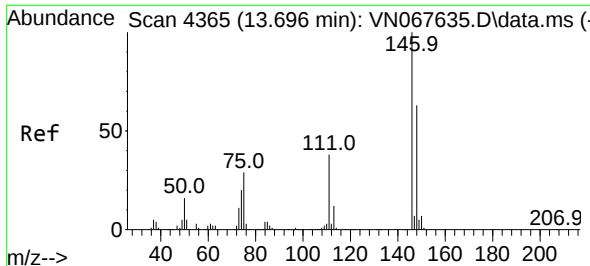
Tgt Ion:119 Resp: 5840  
Ion Ratio Lower Upper  
119 100  
134 23.8 12.4 37.4  
91 24.1 14.8 44.3



#87  
1,3-Dichlorobenzene  
Concen: 0.462 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion:146 Resp: 3166  
Ion Ratio Lower Upper  
146 100  
111 43.0 24.3 72.8  
148 67.4 32.0 96.0

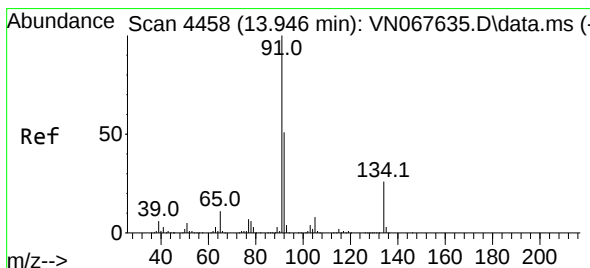
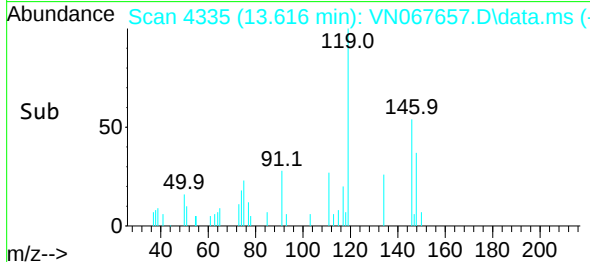
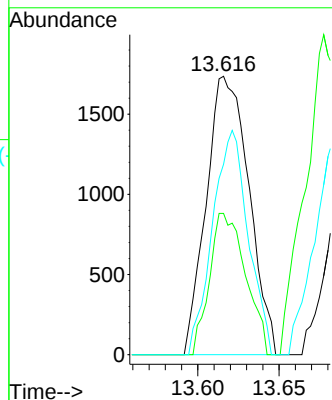
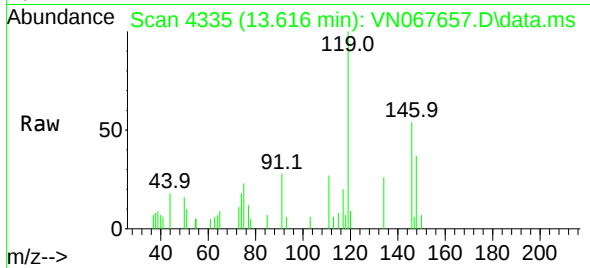




#88  
1,4-Dichlorobenzene  
Concen: 0.451 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.080 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

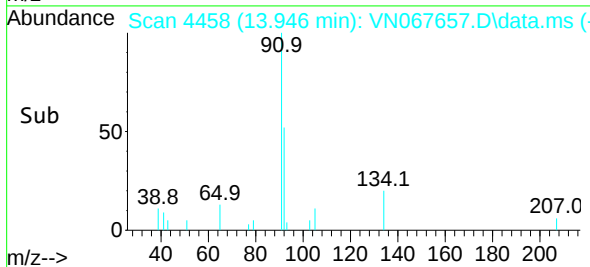
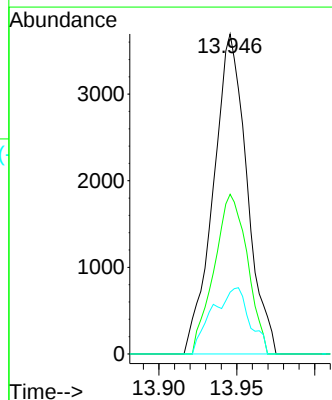
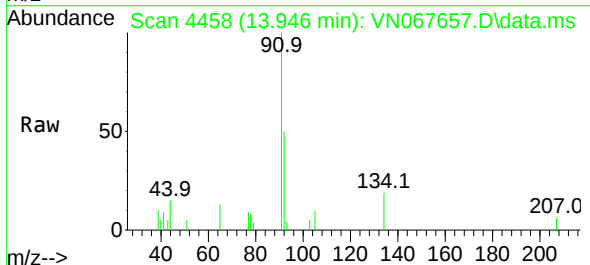
Instrument :  
MSVOA\_N  
ClientSampleId :

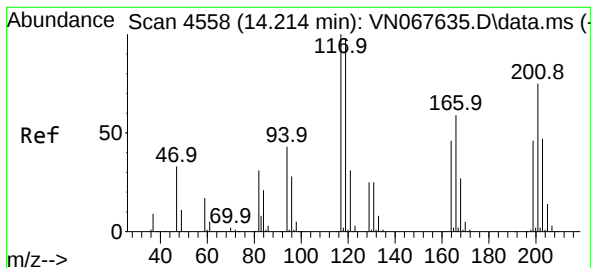
Tgt Ion:146 Resp: 3166  
Ion Ratio Lower Upper  
146 100  
111 43.0 23.4 70.2  
148 67.4 31.8 95.3



#89  
n-Butylbenzene  
Concen: 0.499 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion: 91 Resp: 5522  
Ion Ratio Lower Upper  
91 100  
92 49.6 25.7 77.1  
134 23.1 11.2 33.6

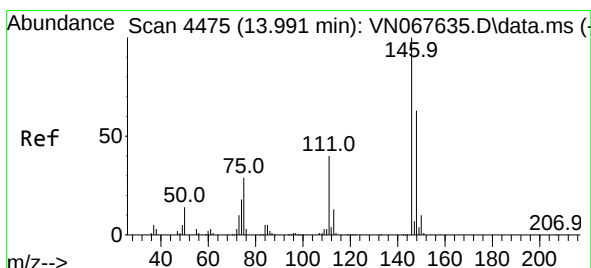
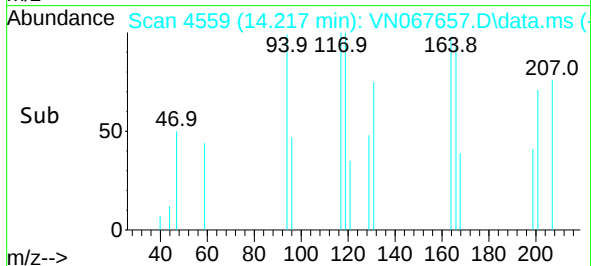
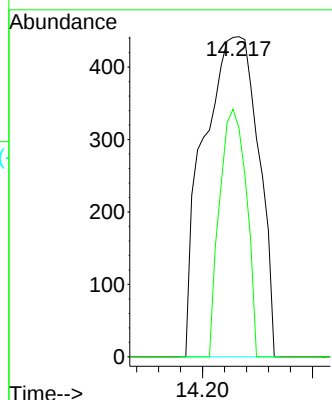
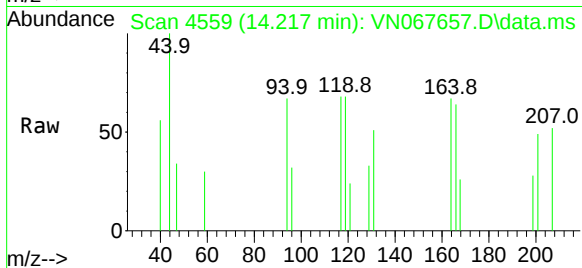




#90  
Hexachloroethane  
Concen: 0.356 ug/l  
RT: 14.217 min Scan# 4559  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

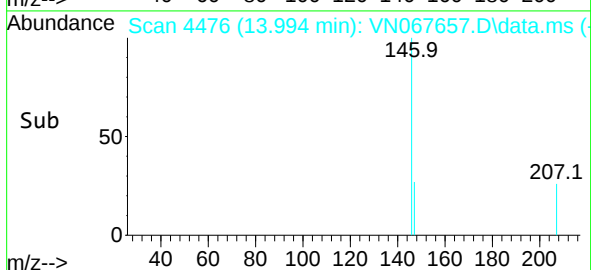
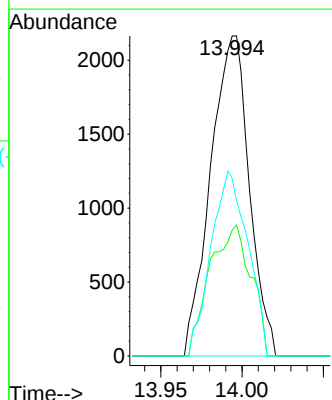
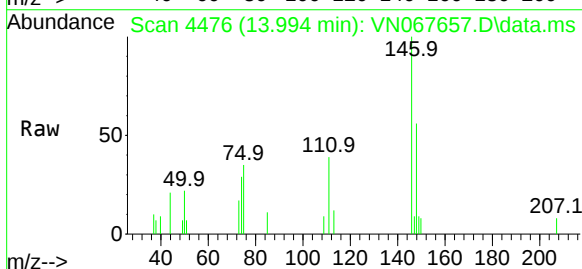
Instrument :  
MSVOA\_N  
ClientSampleId :

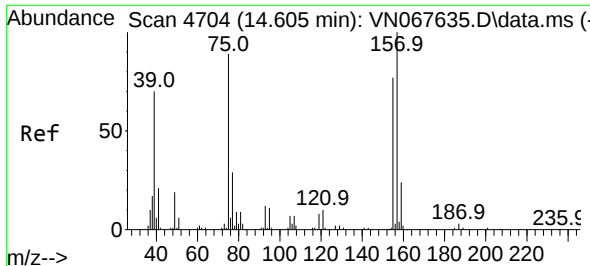
Tgt Ion:117 Resp: 762  
Ion Ratio Lower Upper  
117 100  
201 37.7 33.5 100.5



#91  
1,2-Dichlorobenzene  
Concen: 0.541 ug/l  
RT: 13.994 min Scan# 4476  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion:146 Resp: 3579  
Ion Ratio Lower Upper  
146 100  
111 43.5 24.9 74.6  
148 55.2 31.6 95.0

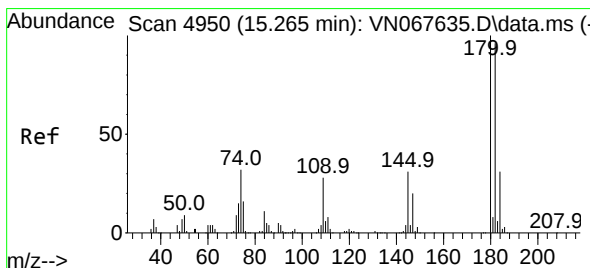
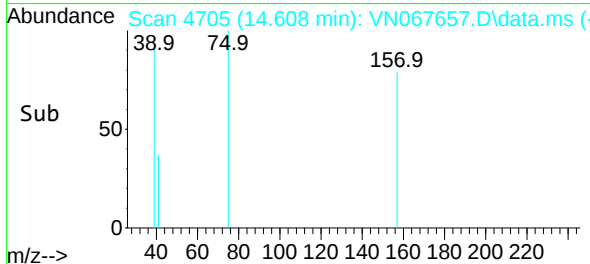
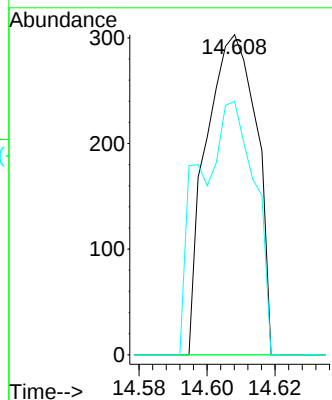
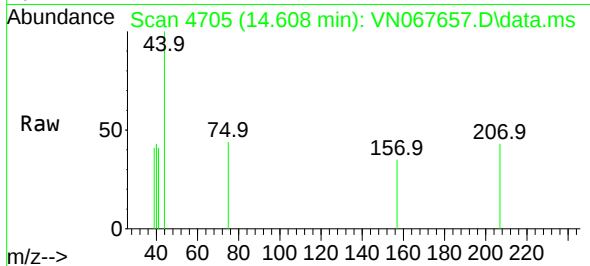




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.368 ug/l  
RT: 14.608 min Scan# 4705  
Delta R.T. 0.003 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

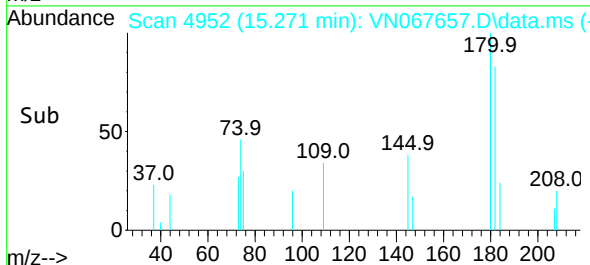
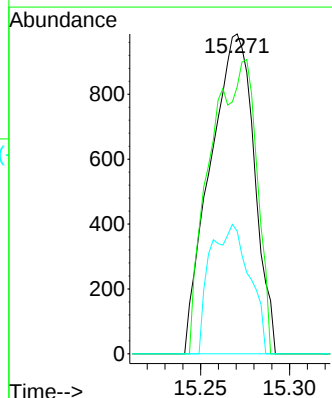
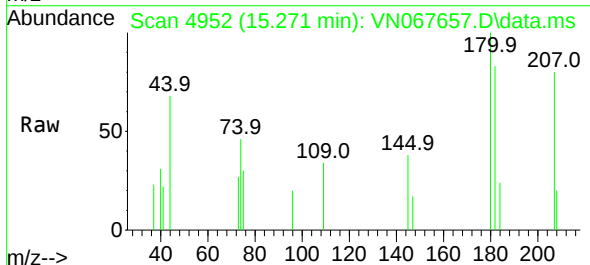
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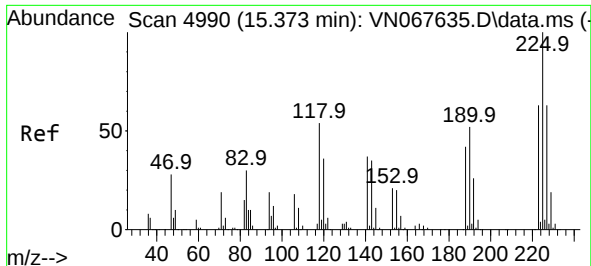
Tgt Ion: 75 Resp: 310  
Ion Ratio Lower Upper  
75 100  
155 0.0 29.8 89.5#  
157 88.1 37.6 112.8



#93  
1,2,4-Trichlorobenzene  
Concen: 0.596 ug/l  
RT: 15.271 min Scan# 4952  
Delta R.T. 0.006 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

Tgt Ion:180 Resp: 1699  
Ion Ratio Lower Upper  
180 100  
182 45.1 47.5 142.5#  
145 36.1 17.2 51.6

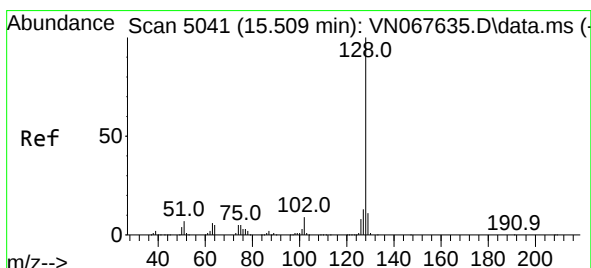
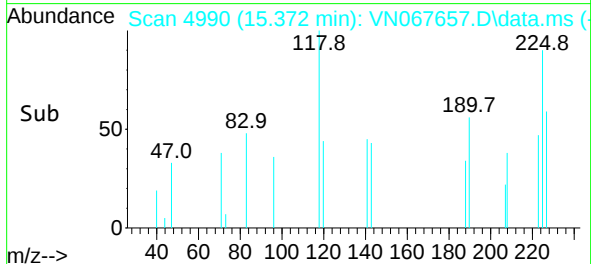
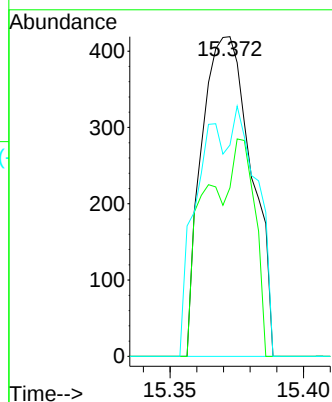
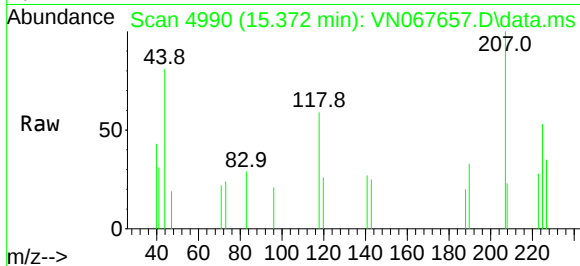




#94  
Hexachlorobutadiene  
Concen: 0.390 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. -0.001 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

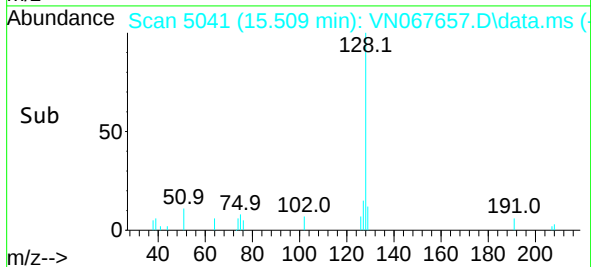
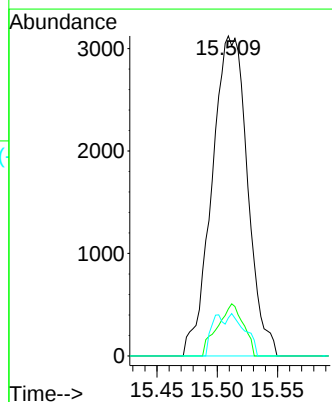
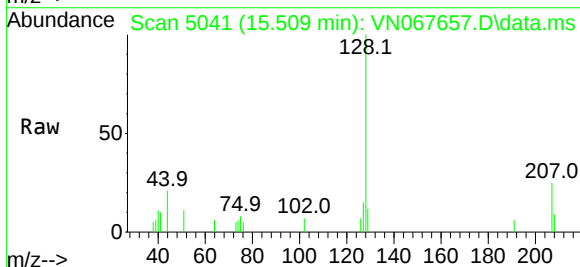
Instrument :  
MSVOA\_N  
ClientSampleId :

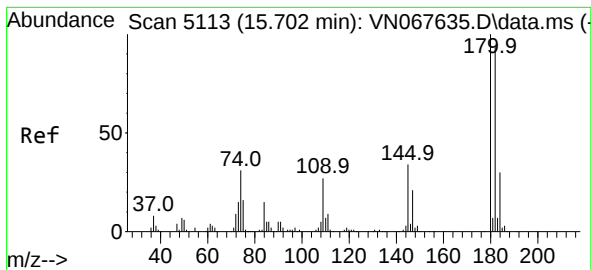
Tgt Ion:225 Resp: 542  
Ion Ratio Lower Upper  
225 100  
223 34.9 31.4 94.0  
227 0.0 31.2 93.6#



#95  
Naphthalene  
Concen: 0.795 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.000 min  
Lab File: VN067657.D  
Acq: 8 Jul 2021 12:28

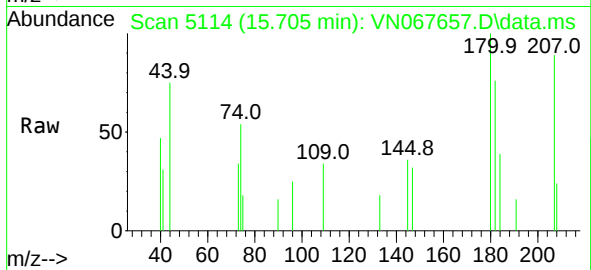
Tgt Ion:128 Resp: 6390  
Ion Ratio Lower Upper  
128 100  
127 11.9 10.6 15.8  
129 6.6 8.6 12.8#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.645 ug/l  
 RT: 15.705 min Scan# 5114  
 Delta R.T. 0.003 min  
 Lab File: VN067657.D  
 Acq: 8 Jul 2021 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1775  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 52.8  | 47.8  | 143.3 |
| 145      | 22.4  | 18.2  | 54.6  |

