

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101521\  
 Data File : VN068955.D  
 Acq On : 15 Oct 2021 17:37  
 Operator : JC/MD  
 Sample : VN1015WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 18 02:16:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 340907   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 603935   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.747 | 117  | 538605   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 206017   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 215393   | 47.921   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 95.840% |
| 35) Dibromofluoromethane    | 8.024  | 113   | 166413   | 47.361   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 94.720% |
| 50) Toluene-d8              | 10.443 | 98    | 670191   | 47.670   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 95.340% |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 223840   | 42.200   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 84.400% |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.075 | 85  | 60169  | 15.065 | ug/l   | 100 |
| 3) Chloromethane             | 2.303 | 50  | 70181  | 16.843 | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.443 | 62  | 79644  | 18.818 | ug/l   | 100 |
| 5) Bromomethane              | 2.853 | 94  | 50752  | 21.801 | ug/l   | 99  |
| 6) Chloroethane              | 3.014 | 64  | 49617  | 19.893 | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.373 | 101 | 99358  | 16.765 | ug/l   | 99  |
| 8) Diethyl Ether             | 3.829 | 74  | 36713  | 16.608 | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.216 | 101 | 53436  | 16.769 | ug/l   | 98  |
| 10) Methyl Iodide            | 4.428 | 142 | 64508  | 13.947 | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.369 | 59  | 62367  | 75.936 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.186 | 96  | 53438  | 16.223 | ug/l   | 93  |
| 13) Acrolein                 | 4.049 | 56  | 26033  | 71.652 | ug/l   | 98  |
| 14) Allyl chloride           | 4.846 | 41  | 93734  | 15.874 | ug/l   | 97  |
| 15) Acrylonitrile            | 5.557 | 53  | 150703 | 81.890 | ug/l   | 99  |
| 16) Acetone                  | 4.291 | 43  | 121275 | 72.302 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.535 | 76  | 138757 | 15.521 | ug/l   | 97  |
| 18) Methyl Acetate           | 4.857 | 43  | 109847 | 17.266 | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.618 | 73  | 206183 | 16.810 | ug/l   | 98  |
| 20) Methylene Chloride       | 5.098 | 84  | 64051  | 16.591 | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.602 | 96  | 56156  | 15.780 | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.498 | 45  | 198286 | 16.147 | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.436 | 43  | 757135 | 81.557 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.391 | 63  | 112237 | 16.822 | ug/l   | 99  |
| 25) 2-Butanone               | 7.335 | 43  | 202672 | 79.904 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.329 | 77  | 91538  | 14.396 | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.329 | 96  | 68175  | 15.848 | ug/l   | 99  |
| 28) Bromochloromethane       | 7.659 | 49  | 46265  | 15.310 | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.686 | 42  | 136190 | 82.778 | ug/l   | 98  |
| 30) Chloroform               | 7.820 | 83  | 117312 | 16.684 | ug/l   | 98  |
| 31) Cyclohexane              | 8.096 | 56  | 106461 | 15.234 | ug/l # | 90  |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 106040 | 16.177 | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.225 | 75  | 83268  | 16.142 | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.415 | 43  | 86469  | 16.230 | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.209 | 117 | 89184  | 15.742 | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.462 | 83  | 103636 | 15.609 | ug/l   | 97  |
| 40) Benzene                  | 8.464 | 78  | 257922 | 16.420 | ug/l   | 100 |

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 Data File : VN068955.D  
 Acq On : 15 Oct 2021 17:37  
 Operator : JC/MD  
 Sample : VN1015WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 18 02:16:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 43731    | 16.283  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 91778    | 16.500  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.563  | 43   | 173313   | 18.437  | ug/l   | 95       |
| 44) Trichloroethene           | 9.218  | 130  | 62808    | 15.976  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 67056    | 16.451  | ug/l   | 98       |
| 46) Dibromomethane            | 9.580  | 93   | 45212    | 16.250  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.765  | 83   | 94552    | 16.399  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.561  | 41   | 65063    | 14.731  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 24407    | 309.053 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.331 | 43   | 447620   | 82.122  | ug/l   | 100      |
| 52) Toluene                   | 10.508 | 92   | 168290   | 16.652  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 102847   | 15.747  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 107459   | 15.814  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 65606    | 16.465  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 107256   | 16.032  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.047 | 76   | 110547   | 16.826  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.044 | 63   | 141705   | 85.361  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.087 | 43   | 322062   | 82.393  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.240 | 129  | 69607    | 15.477  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 66223    | 16.204  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.980 | 164  | 52575    | 15.153  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.773 | 112  | 171654   | 16.842  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 65835    | 16.504  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 321350   | 16.974  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.956 | 106  | 236257   | 32.919  | ug/l   | 98       |
| 69) o-Xylene                  | 12.283 | 106  | 119068   | 16.575  | ug/l   | 100      |
| 70) Styrene                   | 12.296 | 104  | 193951   | 16.586  | ug/l   | 99       |
| 71) Bromoform                 | 12.460 | 173  | 48695    | 15.238  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.581 | 105  | 309573   | 18.053  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.390 | 43   | 119773   | 18.436  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 97326    | 19.640  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 118081   | 26.938  | ug/l   | 56       |
| 77) Bromobenzene              | 12.862 | 156  | 67385    | 17.771  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.921 | 91   | 346099   | 17.960  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 211679   | 17.821  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 254990   | 17.853  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 29048    | 15.854  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 202296   | 17.625  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 218778   | 17.596  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 242850   | 17.647  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 302828   | 17.586  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.619 | 119  | 237304   | 17.181  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.619 | 146  | 112932   | 17.218  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 112259   | 17.245  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.943 | 91   | 198487   | 17.263  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.211 | 117  | 49864    | 17.187  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 113098   | 17.751  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 17283    | 18.089  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 49760    | 16.234  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.373 | 225  | 28829    | 15.891  | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 139630   | 17.303  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.705 | 180  | 48305    | 16.448  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101521\  
Data File : VN068955.D  
Acq On : 15 Oct 2021 17:37  
Operator : JC/MD  
Sample : VN1015WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

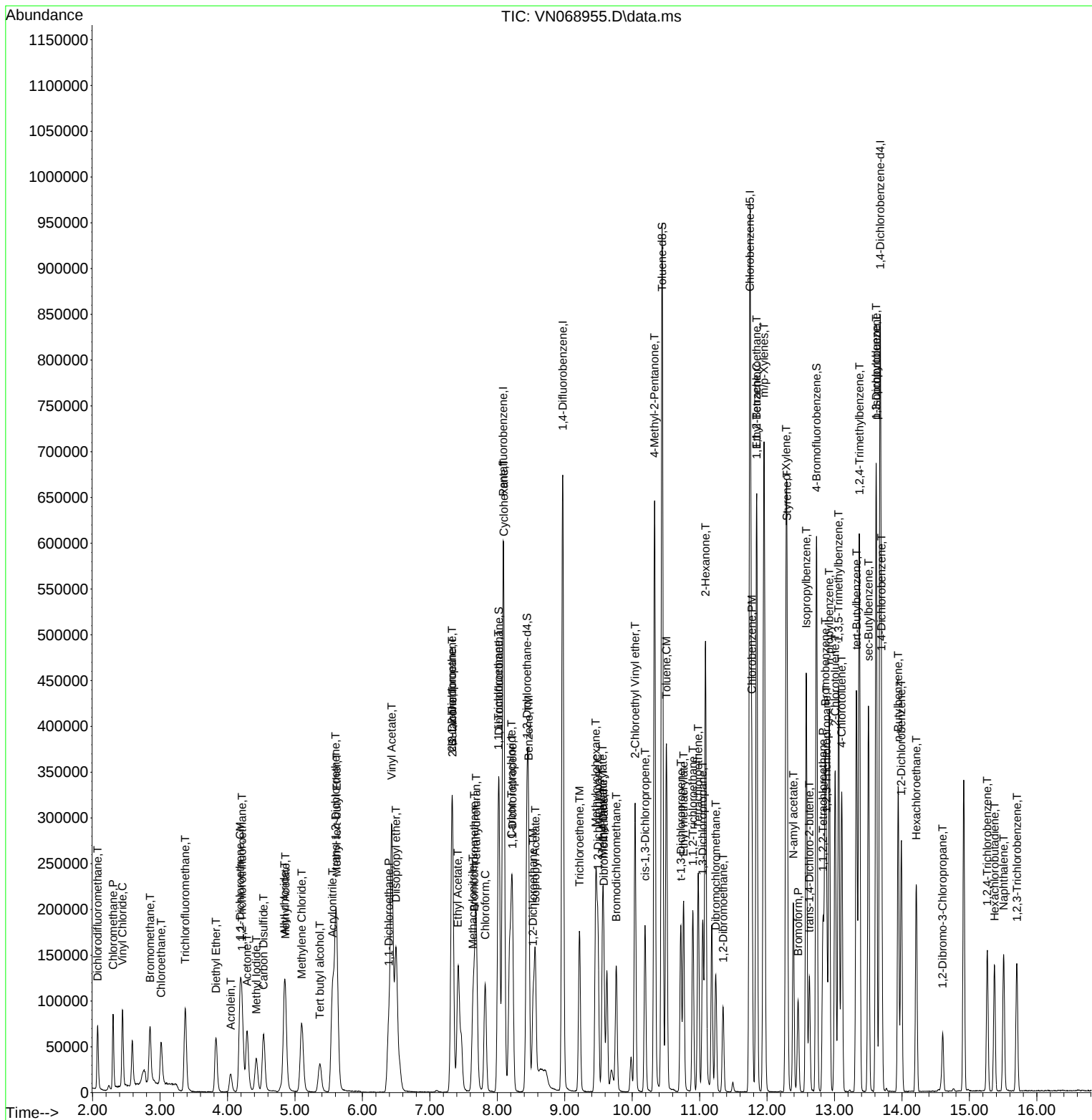
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MSVOA\_N  
ClientSampleId :

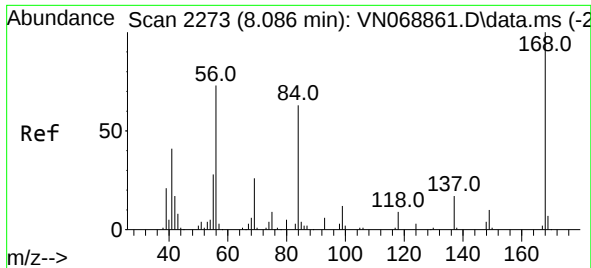
Quant Time: Oct 18 02:16:40 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 13 05:44:40 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

Quant Time: Oct 18 02:16:40 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 13 05:44:40 2021  
Response via : Initial Calibration

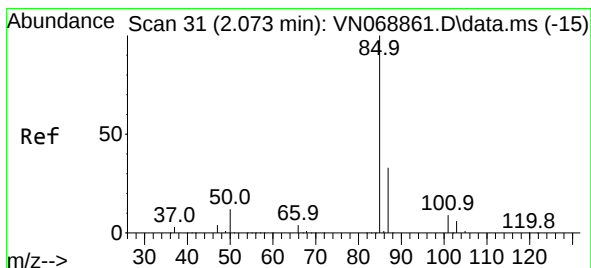
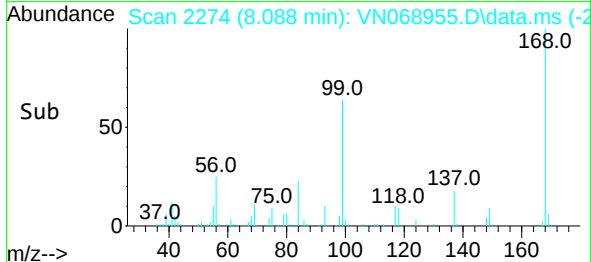
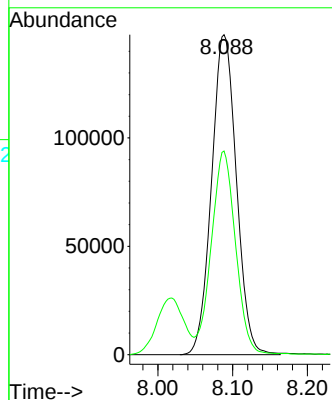
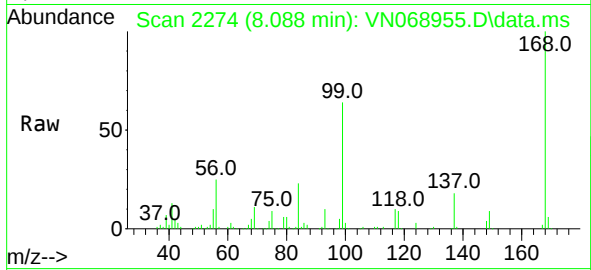




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

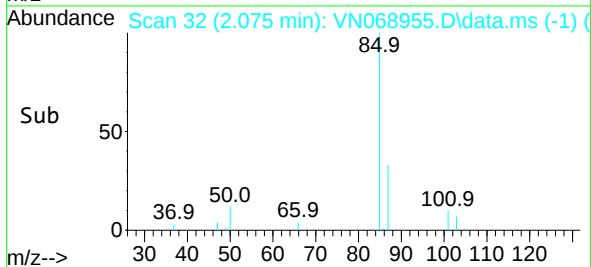
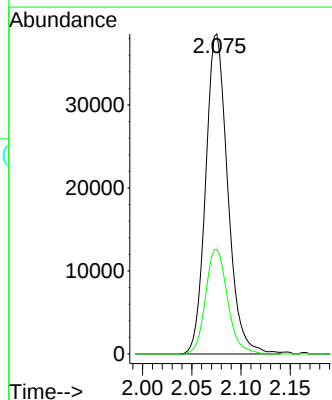
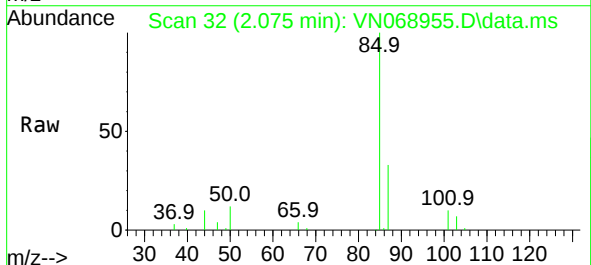
Instrument :  
MSVOA\_N  
ClientSampled :

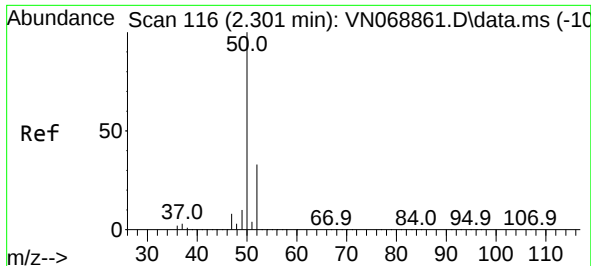
Tgt Ion:168 Resp: 340907  
Ion Ratio Lower Upper  
168 100  
99 63.3 48.9 73.3



#2  
Dichlorodifluoromethane  
Concen: 15.065 ug/l  
RT: 2.075 min Scan# 32  
Delta R.T. 0.002 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 85 Resp: 60169  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.3 48.8

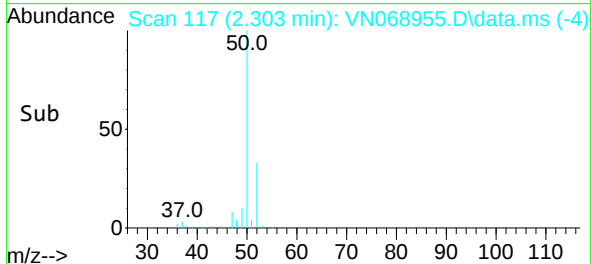
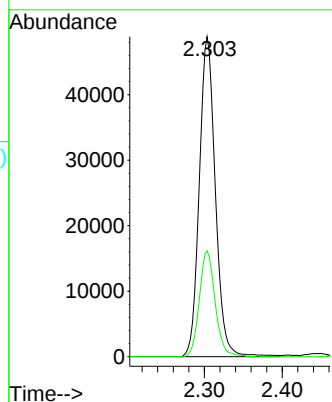
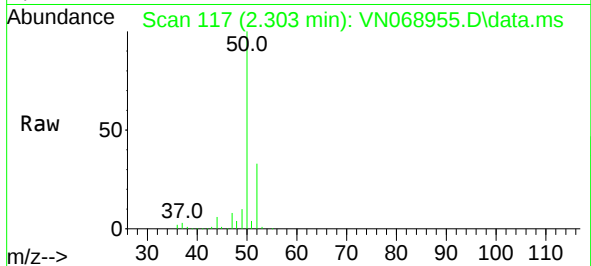




#3  
Chloromethane  
Concen: 16.843 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

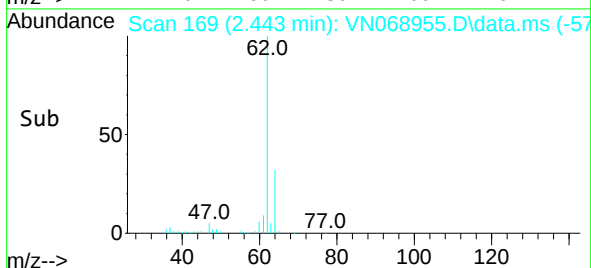
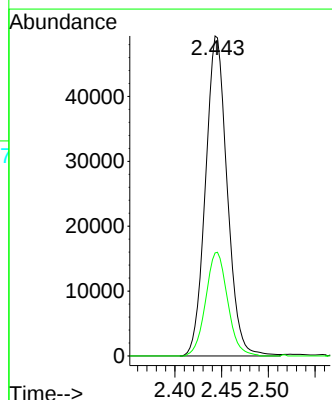
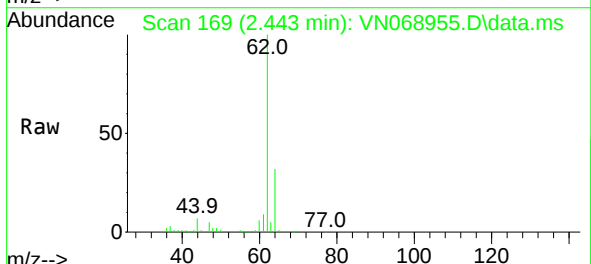
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 50 Resp: 70181  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.3 39.5



#4  
Vinyl Chloride  
Concen: 18.818 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 62 Resp: 79644  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.7 38.5

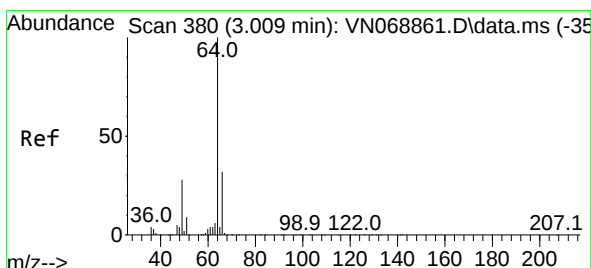
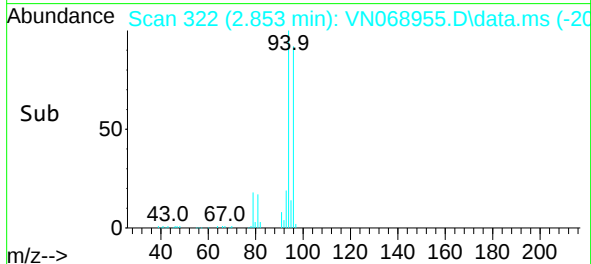
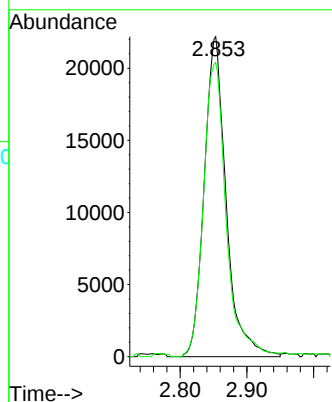
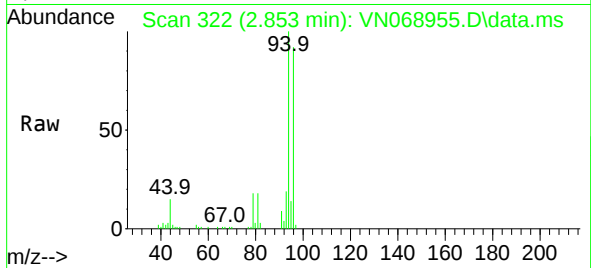




#5  
Bromomethane  
Concen: 21.801 ug/l  
RT: 2.853 min Scan# 322  
Delta R.T. 0.016 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

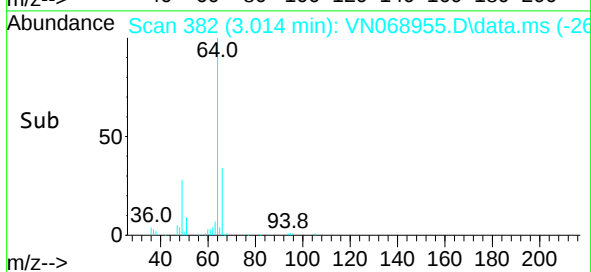
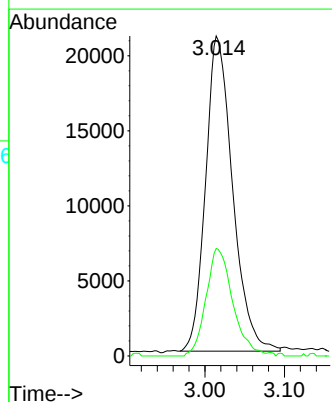
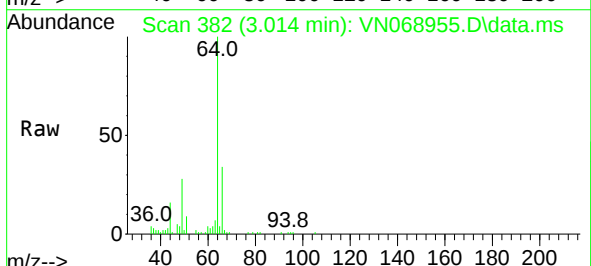
Instrument :  
MSVOA\_N  
ClientSampled :

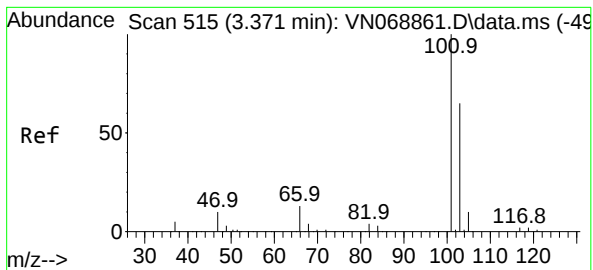
Tgt Ion: 94 Resp: 50752  
Ion Ratio Lower Upper  
94 100  
96 91.9 74.2 111.4



#6  
Chloroethane  
Concen: 19.893 ug/l  
RT: 3.014 min Scan# 382  
Delta R.T. 0.005 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 64 Resp: 49617  
Ion Ratio Lower Upper  
64 100  
66 34.1 25.6 38.4

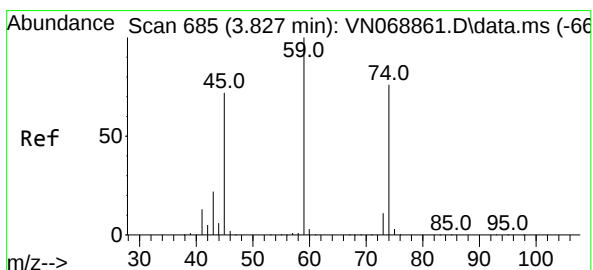
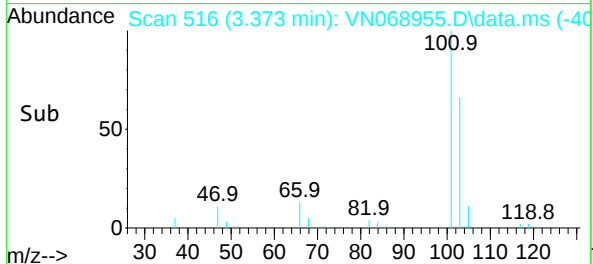
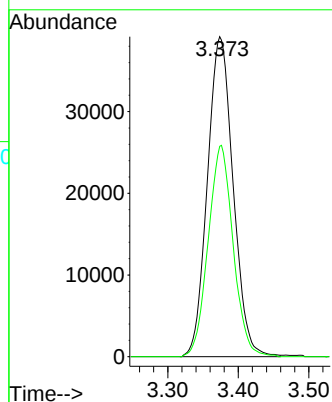
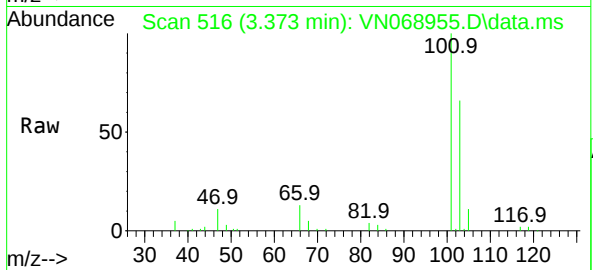




#7  
 Trichlorofluoromethane  
 Concen: 16.765 ug/l  
 RT: 3.373 min Scan# 516  
 Delta R.T. 0.003 min  
 Lab File: VN068955.D  
 Acq: 15 Oct 2021 17:37

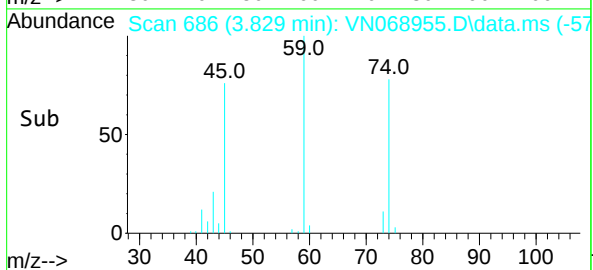
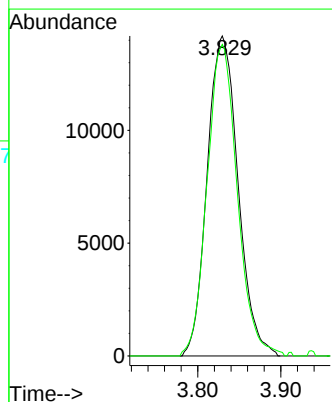
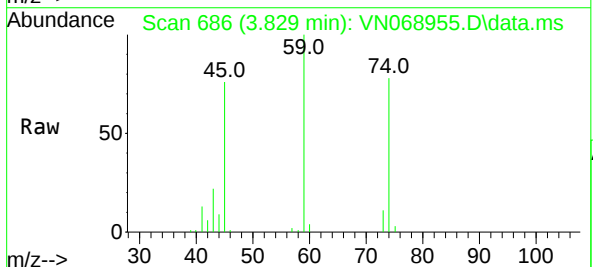
Instrument :  
 MSVOA\_N  
 ClientSampled :

Tgt Ion:101 Resp: 99358  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 51.7 77.5



#8  
 Diethyl Ether  
 Concen: 16.608 ug/l  
 RT: 3.829 min Scan# 686  
 Delta R.T. 0.003 min  
 Lab File: VN068955.D  
 Acq: 15 Oct 2021 17:37

Tgt Ion: 74 Resp: 36713  
 Ion Ratio Lower Upper  
 74 100  
 45 95.0 47.0 141.2

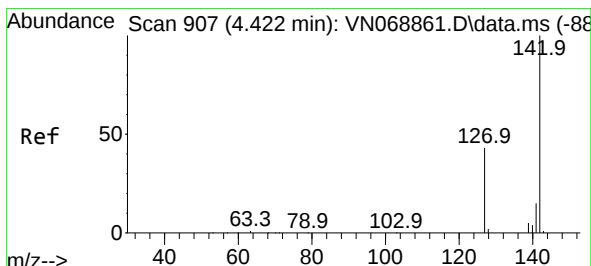
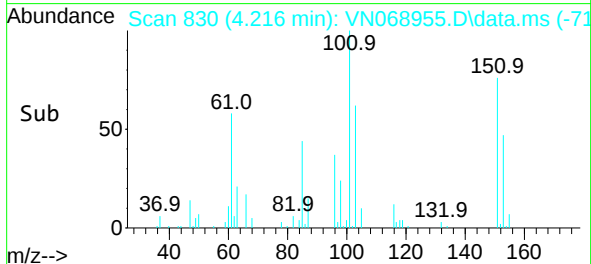
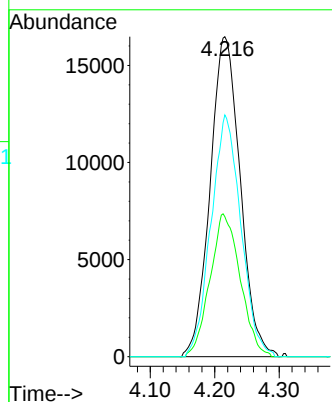
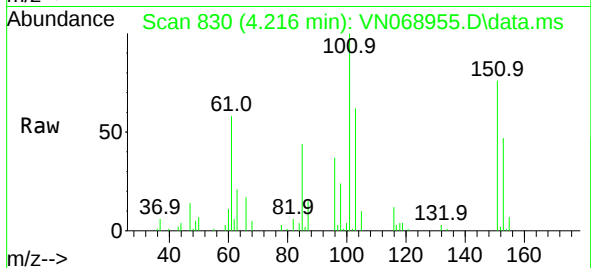




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 16.769 ug/l  
RT: 4.216 min Scan# 830  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

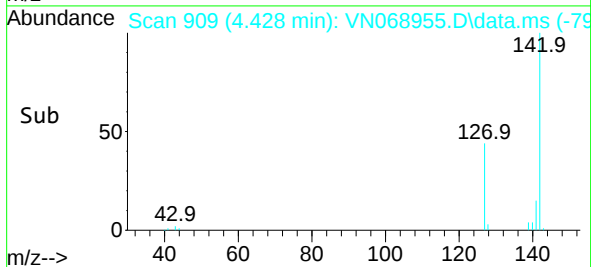
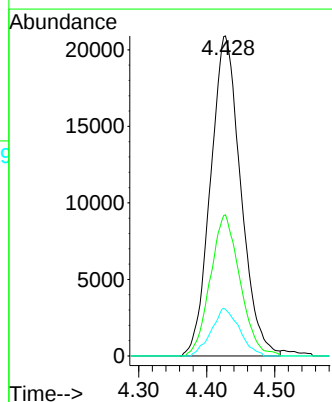
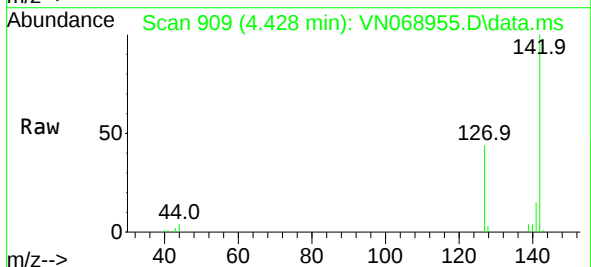
Instrument :  
MSVOA\_N  
ClientSampled :

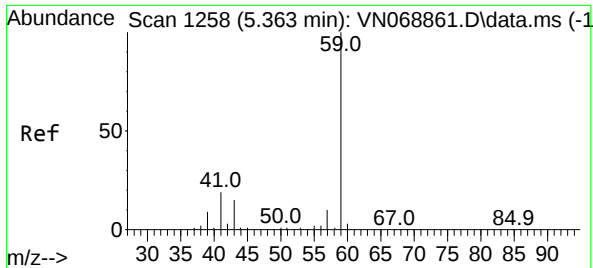
Tgt Ion:101 Resp: 53436  
Ion Ratio Lower Upper  
101 100  
85 44.9 37.2 55.8  
151 75.0 61.1 91.7



#10  
Methyl Iodide  
Concen: 13.947 ug/l  
RT: 4.428 min Scan# 909  
Delta R.T. 0.005 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:142 Resp: 64508  
Ion Ratio Lower Upper  
142 100  
127 43.4 34.4 51.6  
141 13.8 11.3 16.9

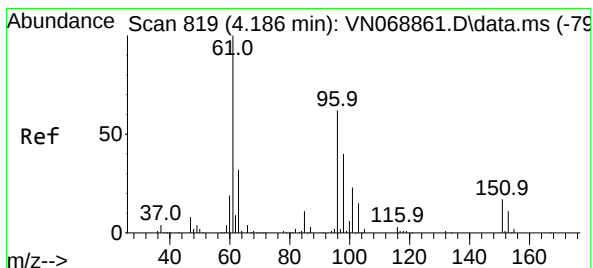
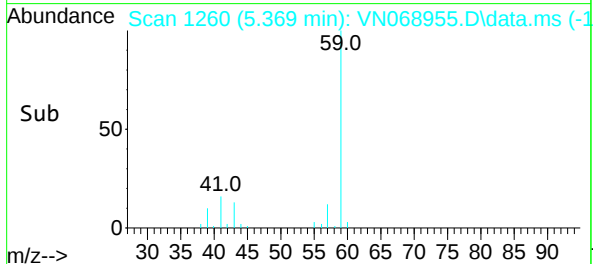
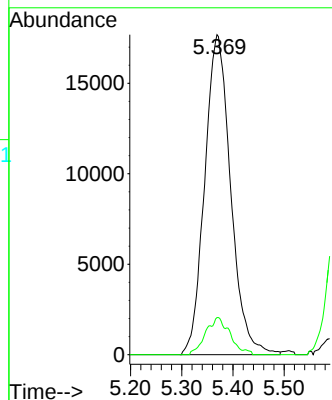
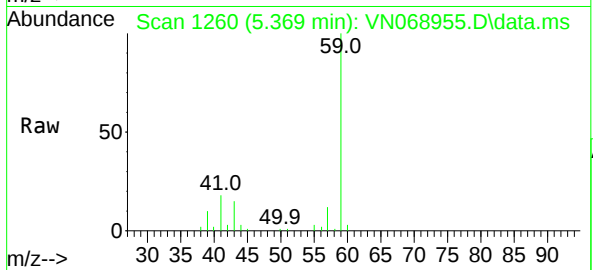




#11  
Tert butyl alcohol  
Concen: 75.936 ug/l  
RT: 5.369 min Scan# 1260  
Delta R.T. 0.005 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

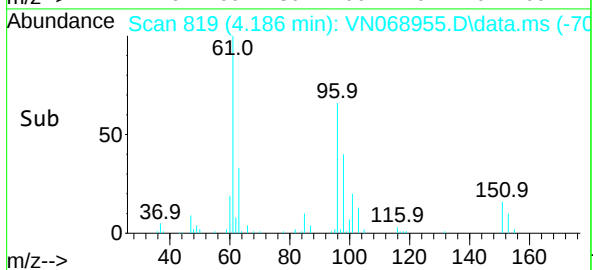
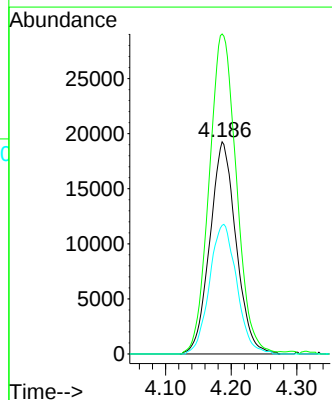
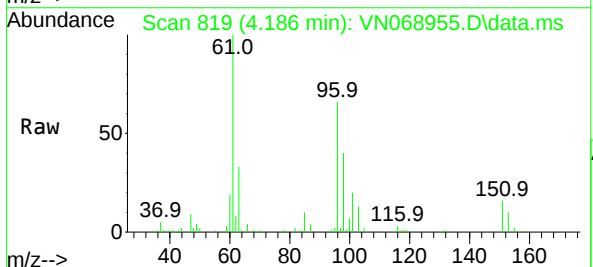
Instrument :  
MSVOA\_N  
ClientSampled :

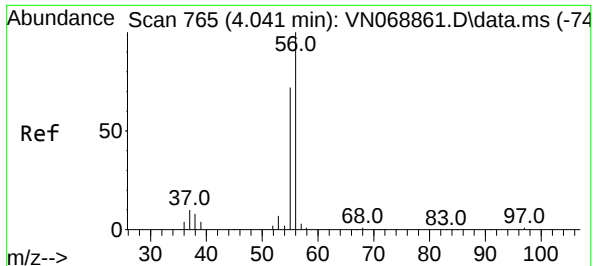
Tgt Ion: 59 Resp: 62367  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 16.223 ug/l  
RT: 4.186 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 96 Resp: 53438  
Ion Ratio Lower Upper  
96 100  
61 150.9 129.8 194.6  
98 60.7 51.4 77.2

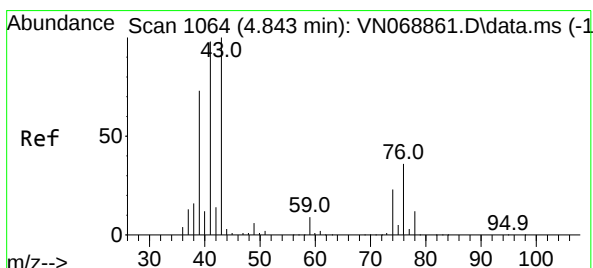
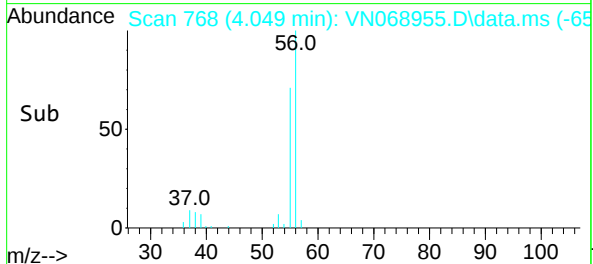
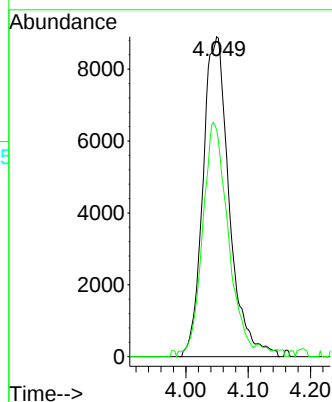
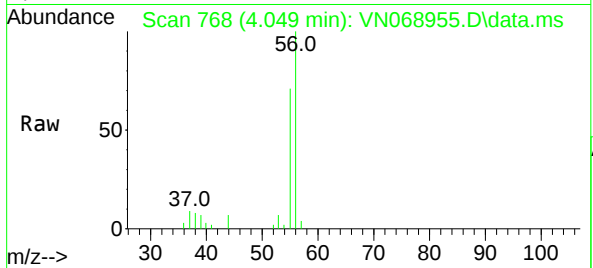




#13  
Acrolein  
Concen: 71.652 ug/l  
RT: 4.049 min Scan# 768  
Delta R.T. 0.008 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

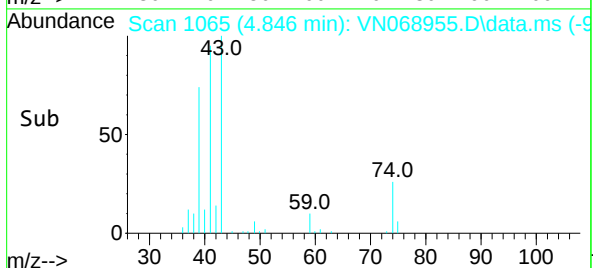
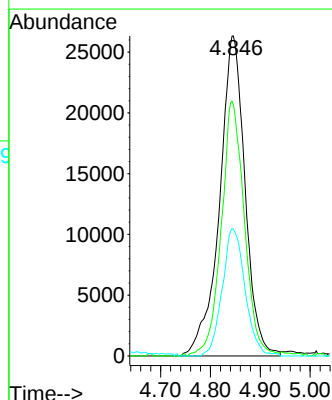
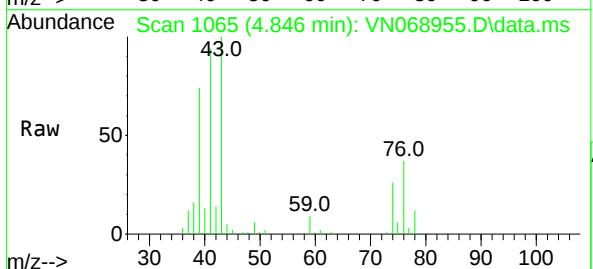
Instrument :  
MSVOA\_N  
ClientSampled :

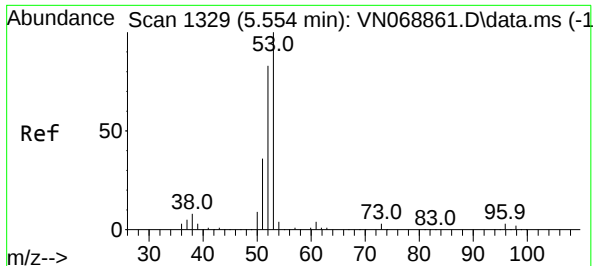
Tgt Ion: 56 Resp: 26033  
Ion Ratio Lower Upper  
56 100  
55 71.2 58.1 87.1



#14  
Allyl chloride  
Concen: 15.874 ug/l  
RT: 4.846 min Scan# 1065  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 41 Resp: 93734  
Ion Ratio Lower Upper  
41 100  
39 71.7 55.6 83.4  
76 35.6 26.4 39.6

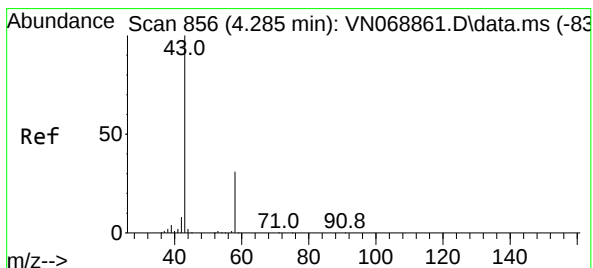
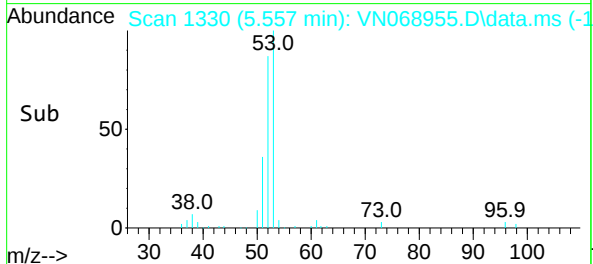
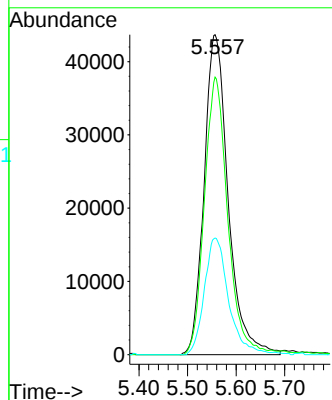
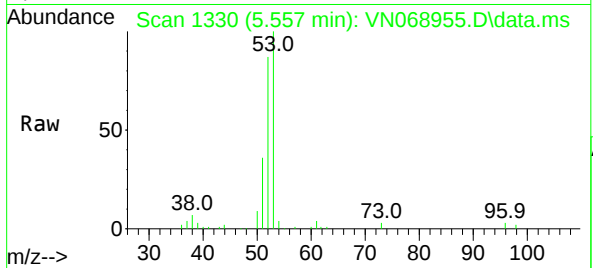




#15  
Acrylonitrile  
Concen: 81.890 ug/l  
RT: 5.557 min Scan# 1330  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

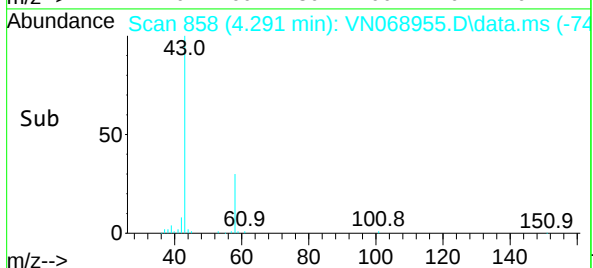
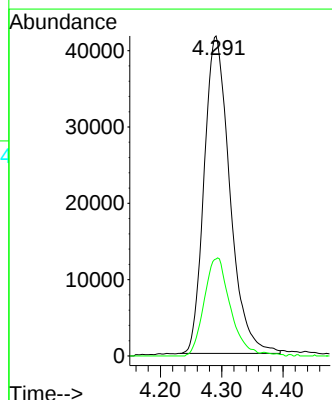
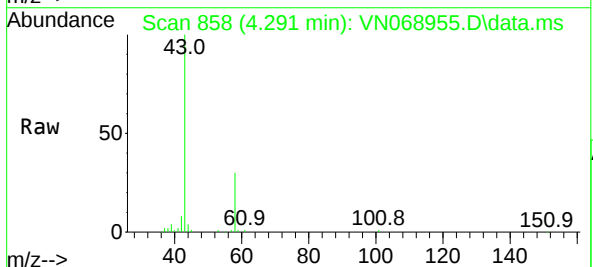
Instrument :  
MSVOA\_N  
ClientSampled :

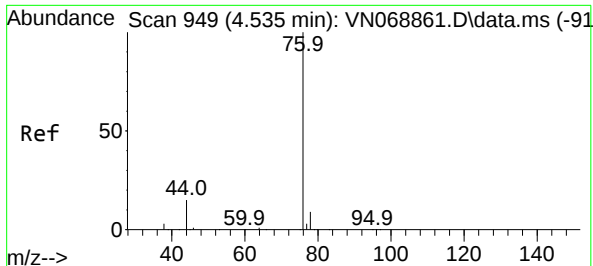
Tgt Ion: 53 Resp: 150703  
Ion Ratio Lower Upper  
53 100  
52 83.6 65.7 98.5  
51 36.6 28.9 43.3



#16  
Acetone  
Concen: 72.302 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.005 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 43 Resp: 121275  
Ion Ratio Lower Upper  
43 100  
58 30.6 24.5 36.7





#17

Carbon Disulfide

Concen: 15.521 ug/l

RT: 4.535 min Scan# 949

Delta R.T. 0.000 min

Lab File: VN068955.D

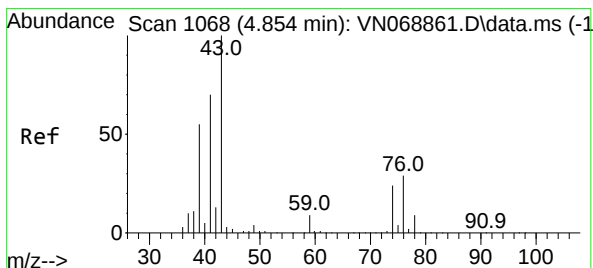
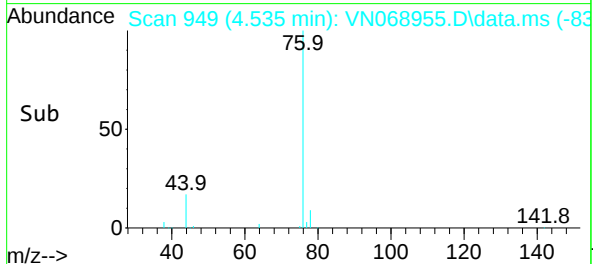
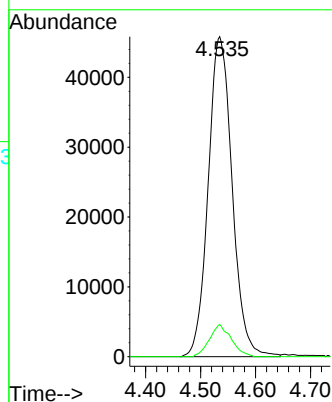
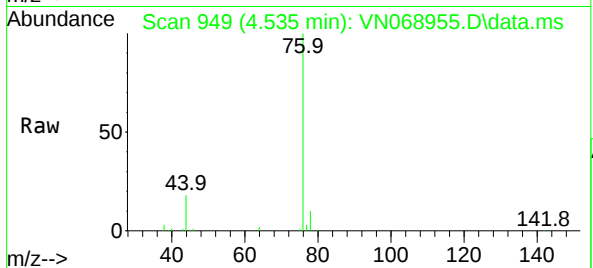
Acq: 15 Oct 2021 17:37

Tgt Ion: 76 Resp: 138757

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8



#18

Methyl Acetate

Concen: 17.266 ug/l

RT: 4.857 min Scan# 1069

Delta R.T. 0.003 min

Lab File: VN068955.D

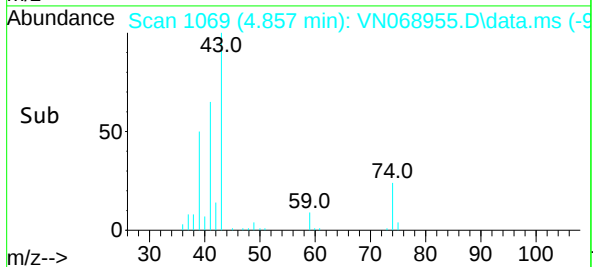
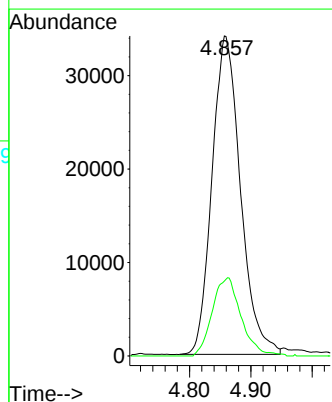
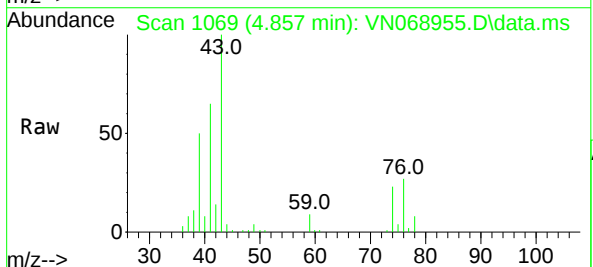
Acq: 15 Oct 2021 17:37

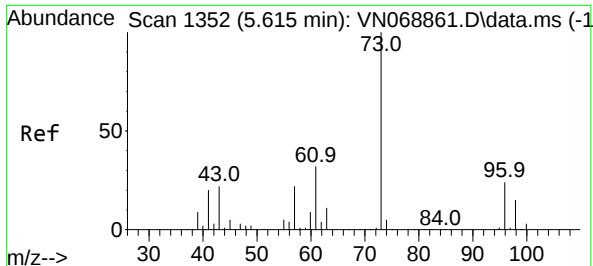
Tgt Ion: 43 Resp: 109847

Ion Ratio Lower Upper

43 100

74 25.0 18.9 28.3



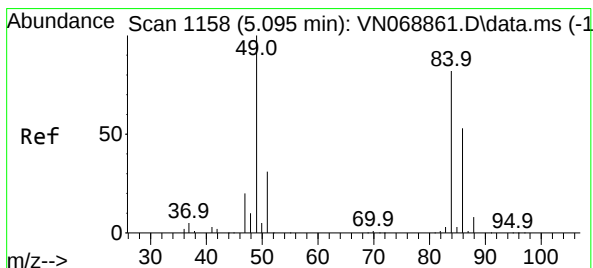
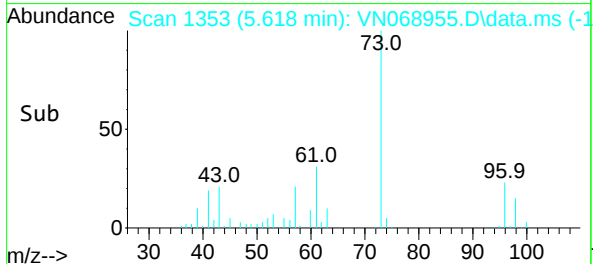
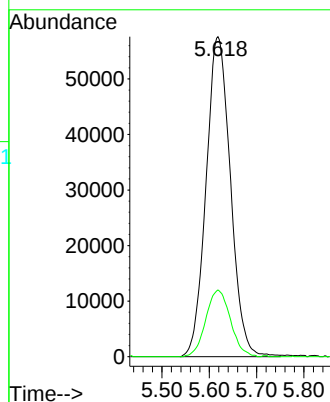
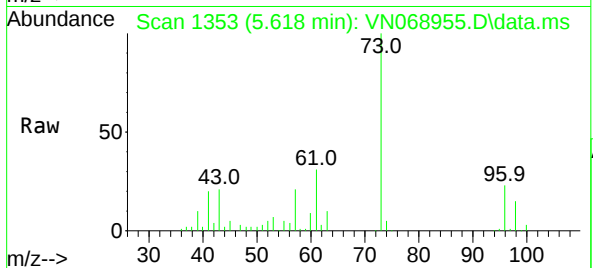


#19

Methyl tert-butyl Ether  
 Concen: 16.810 ug/l  
 RT: 5.618 min Scan# 1353  
 Delta R.T. 0.003 min  
 Lab File: VN068955.D  
 Acq: 15 Oct 2021 17:37

Instrument :  
 MSVOA\_N  
 ClientSampled :

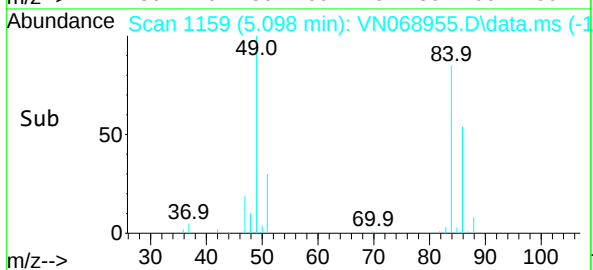
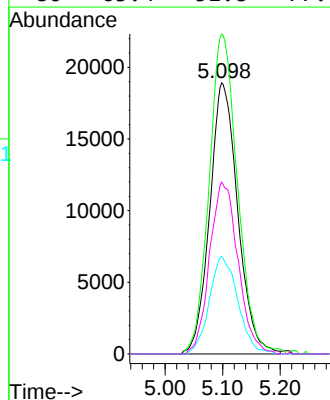
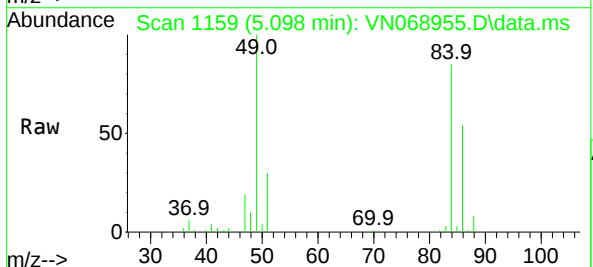
Tgt Ion: 73 Resp: 206183  
 Ion Ratio Lower Upper  
 73 100  
 57 20.8 17.3 25.9

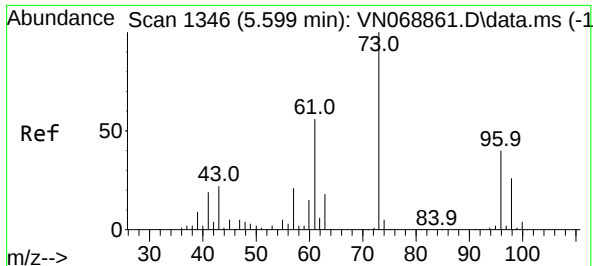


#20

Methylene Chloride  
 Concen: 16.591 ug/l  
 RT: 5.098 min Scan# 1159  
 Delta R.T. 0.003 min  
 Lab File: VN068955.D  
 Acq: 15 Oct 2021 17:37

Tgt Ion: 84 Resp: 64051  
 Ion Ratio Lower Upper  
 84 100  
 49 118.0 97.6 146.4  
 51 35.9 30.3 45.5  
 86 63.4 51.8 77.6



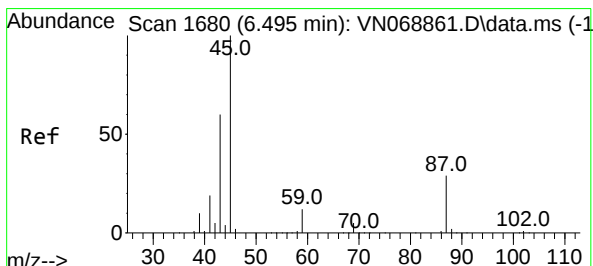
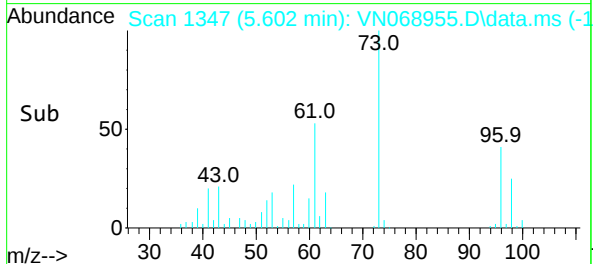
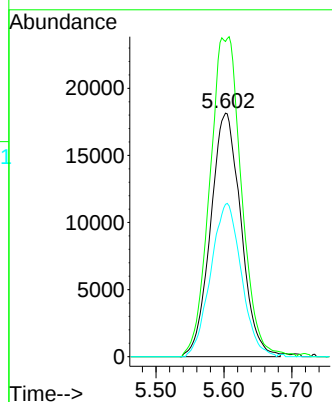
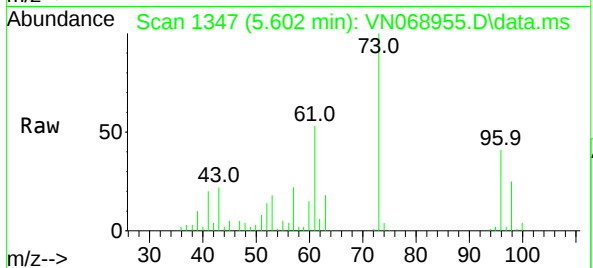


#21

trans-1,2-Dichloroethene  
Concen: 15.780 ug/l  
RT: 5.602 min Scan# 1347  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Instrument :  
MSVOA\_N  
ClientSampled :

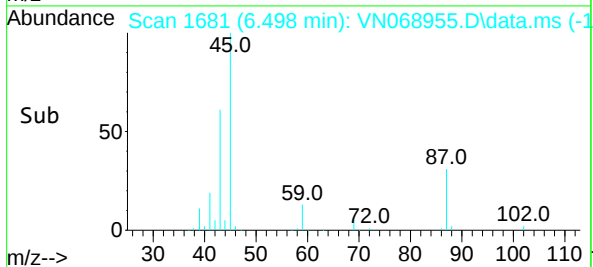
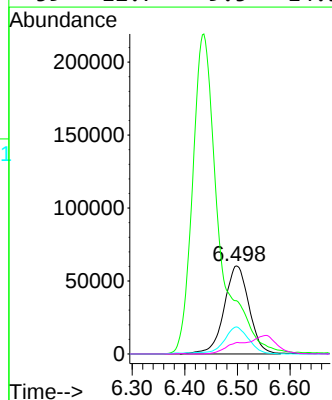
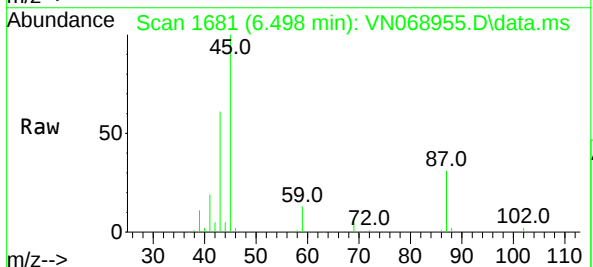
Tgt Ion: 96 Resp: 56156  
Ion Ratio Lower Upper  
96 100  
61 129.5 112.4 168.6  
98 62.6 52.0 78.0

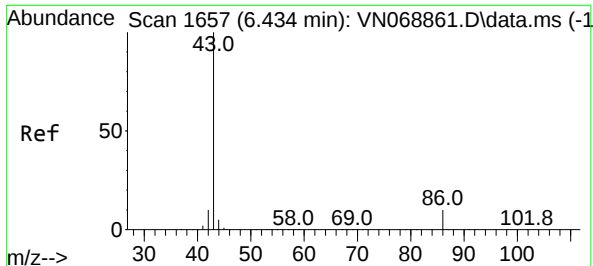


#22

Diisopropyl ether  
Concen: 16.147 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 45 Resp: 198286  
Ion Ratio Lower Upper  
45 100  
43 56.3 48.0 72.0  
87 30.7 23.4 35.0  
59 12.7 9.5 14.3





#23

Vinyl Acetate

Concen: 81.557 ug/l

RT: 6.436 min Scan# 1658

Delta R.T. 0.003 min

Lab File: VN068955.D

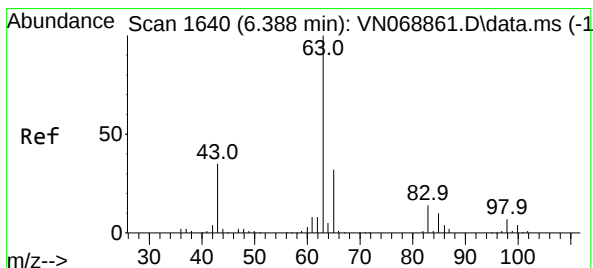
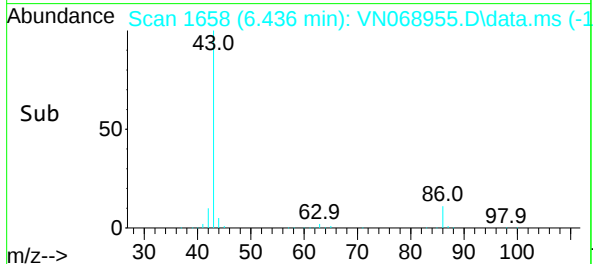
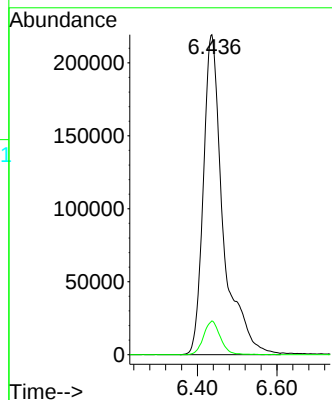
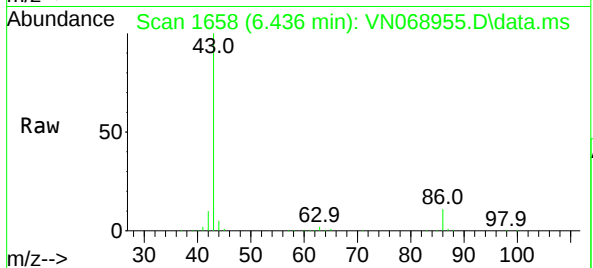
Acq: 15 Oct 2021 17:37

Tgt Ion: 43 Resp: 757135

Ion Ratio Lower Upper

43 100

86 10.5 8.3 12.5



#24

1,1-Dichloroethane

Concen: 16.822 ug/l

RT: 6.391 min Scan# 1641

Delta R.T. 0.003 min

Lab File: VN068955.D

Acq: 15 Oct 2021 17:37

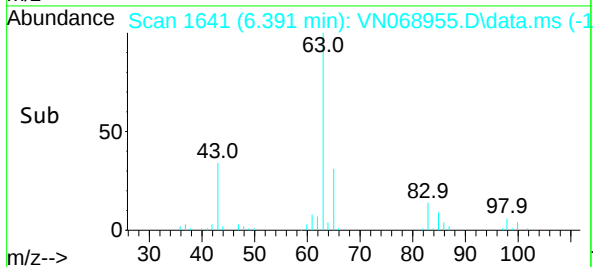
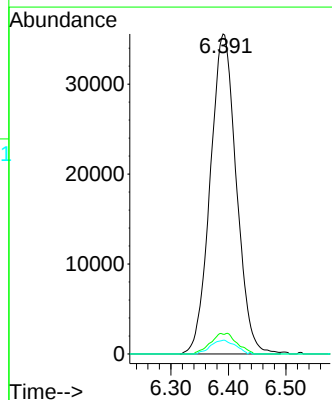
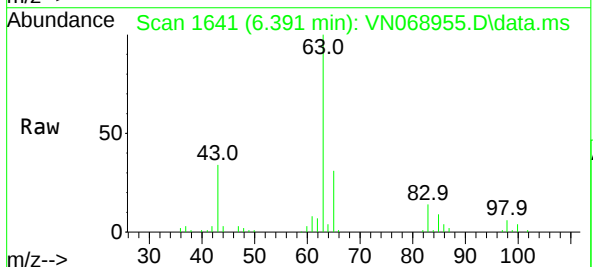
Tgt Ion: 63 Resp: 112237

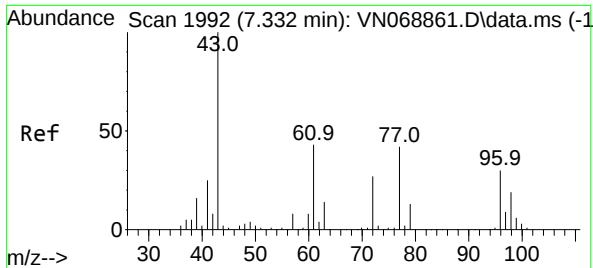
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

100 4.3 2.1 6.5

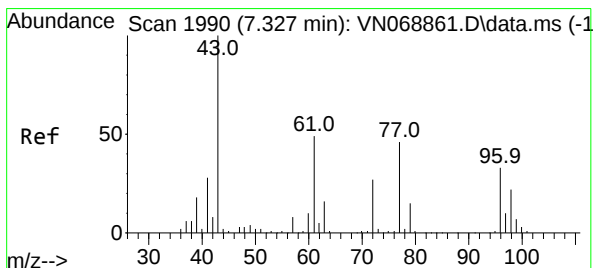
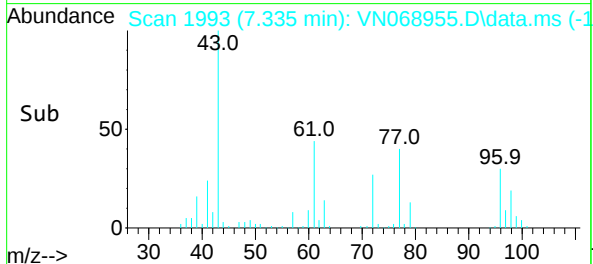
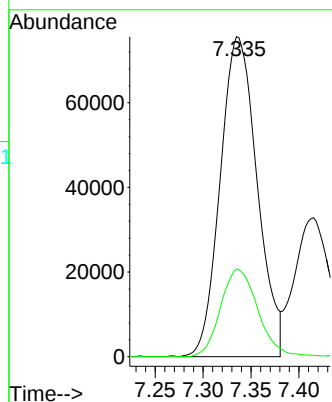
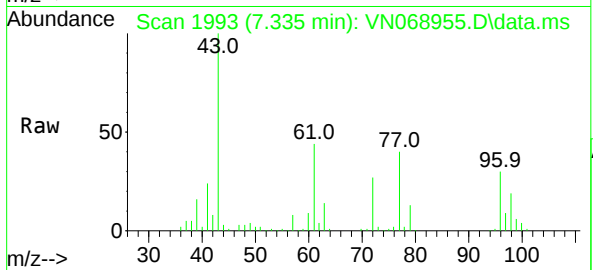




#25  
2-Butanone  
Concen: 79.904 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

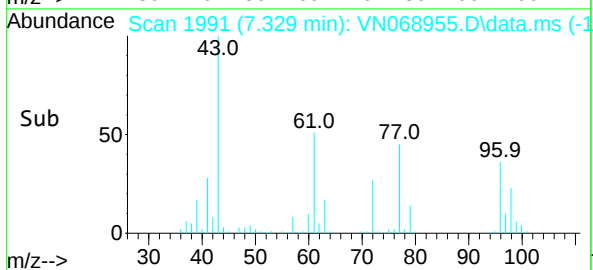
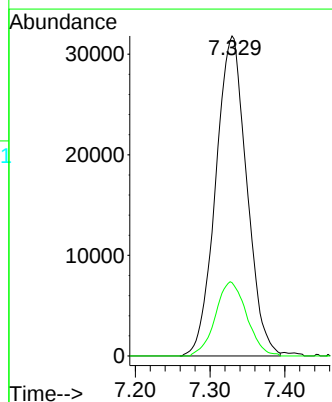
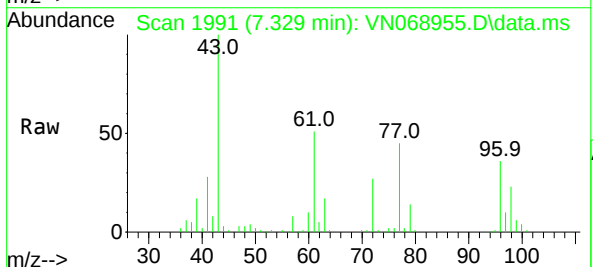
Instrument :  
MSVOA\_N  
ClientSampled :

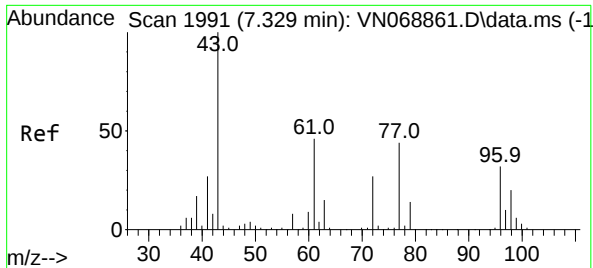
Tgt Ion: 43 Resp: 202672  
Ion Ratio Lower Upper  
43 100  
72 27.4 21.2 31.8



#26  
2,2-Dichloropropane  
Concen: 14.396 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 77 Resp: 91538  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.2 33.6

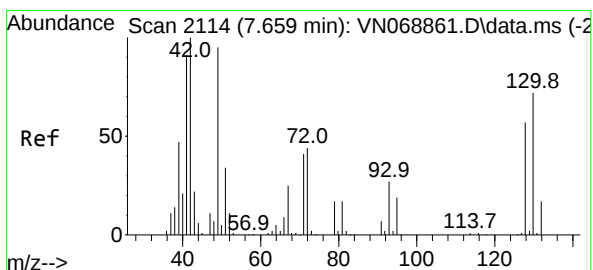
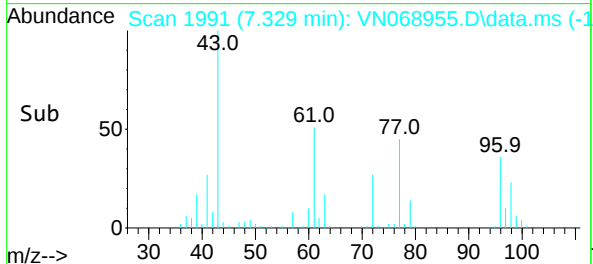
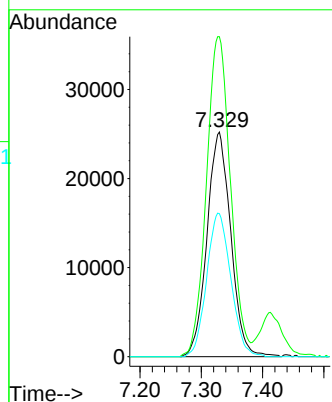
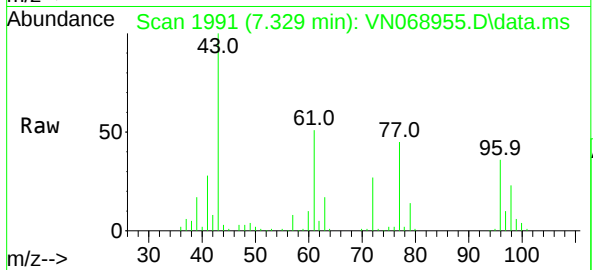




#27  
 cis-1,2-Dichloroethene  
 Concen: 15.848 ug/l  
 RT: 7.329 min Scan# 1991  
 Delta R.T. 0.000 min  
 Lab File: VN068955.D  
 Acq: 15 Oct 2021 17:37

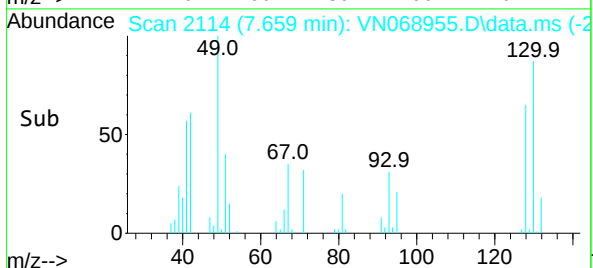
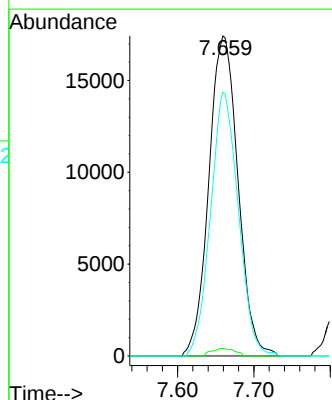
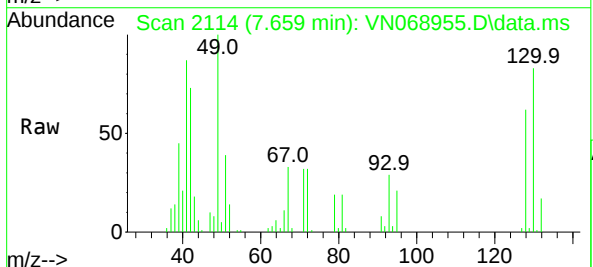
Instrument :  
 MSVOA\_N  
 ClientSampleId :

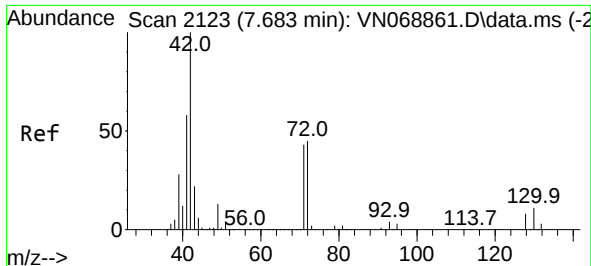
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 68175 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 143.7 | 0.0   | 290.6 |
| 98       | 64.8  | 0.0   | 127.2 |



#28  
 Bromochloromethane  
 Concen: 15.310 ug/l  
 RT: 7.659 min Scan# 2114  
 Delta R.T. 0.000 min  
 Lab File: VN068955.D  
 Acq: 15 Oct 2021 17:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 46265 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.9   | 0.0   | 4.4   |
| 130      | 78.7  | 60.8  | 91.2  |





#29

Tetrahydrofuran

Concen: 82.778 ug/l

RT: 7.686 min Scan# 2124

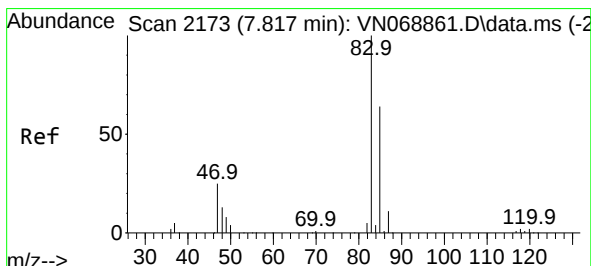
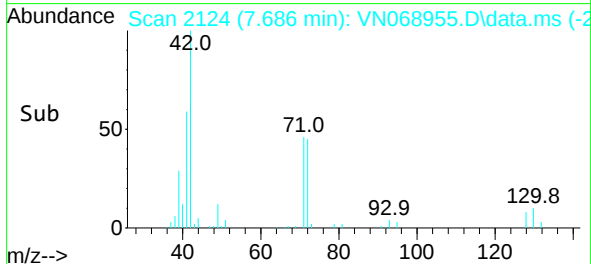
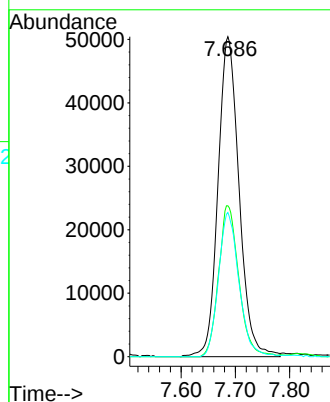
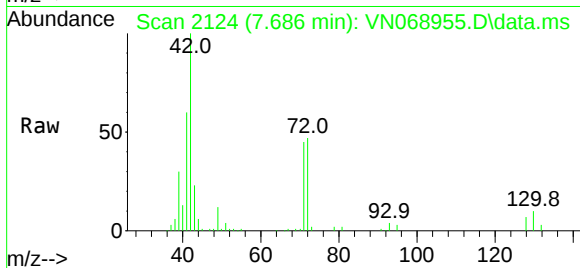
Delta R.T. 0.003 min

Lab File: VN068955.D

Acq: 15 Oct 2021 17:37

Tgt Ion: 42 Resp: 136190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 45.5  | 35.4  | 53.2  |
| 71  | 43.6  | 33.8  | 50.6  |



#30

Chloroform

Concen: 16.684 ug/l

RT: 7.820 min Scan# 2174

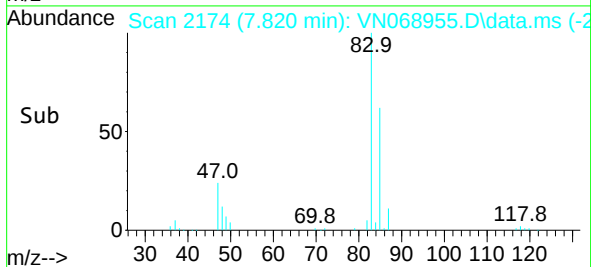
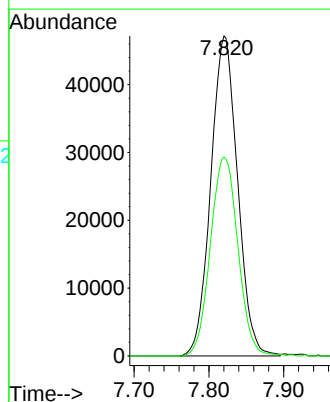
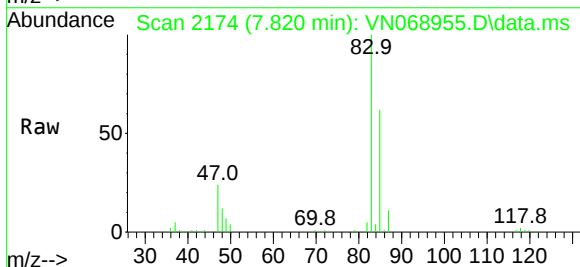
Delta R.T. 0.003 min

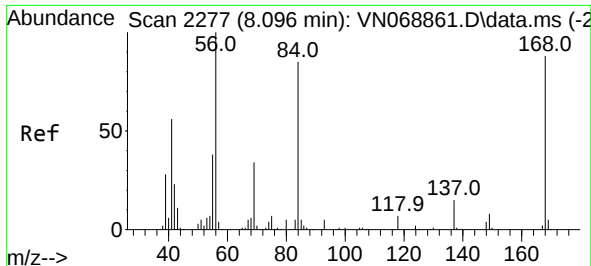
Lab File: VN068955.D

Acq: 15 Oct 2021 17:37

Tgt Ion: 83 Resp: 117312

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.1  | 51.1  | 76.7  |

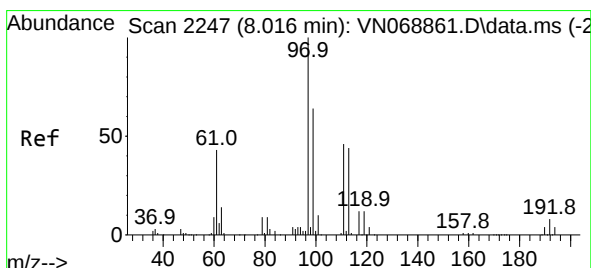
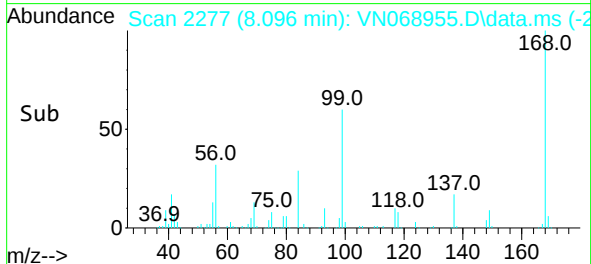
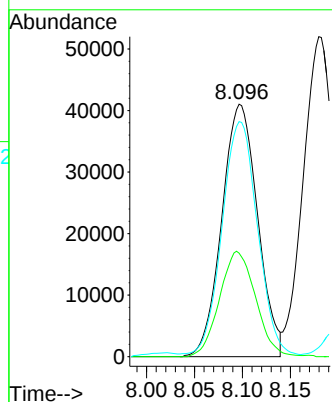
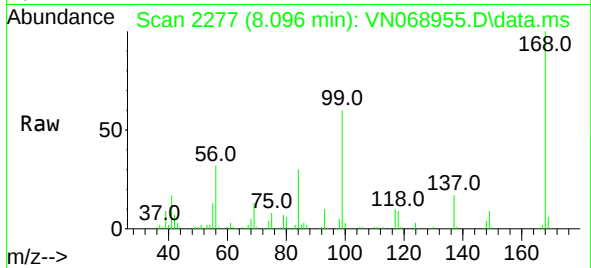




#31  
Cyclohexane  
Concen: 15.234 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

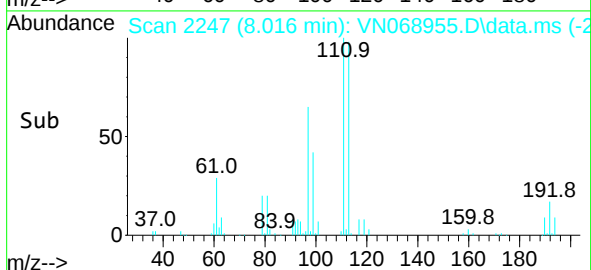
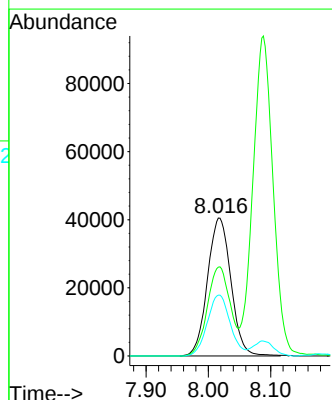
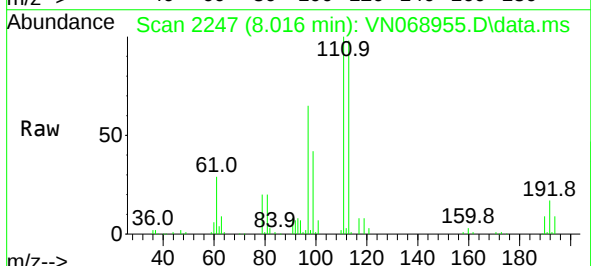
Instrument :  
MSVOA\_N  
ClientSampled :

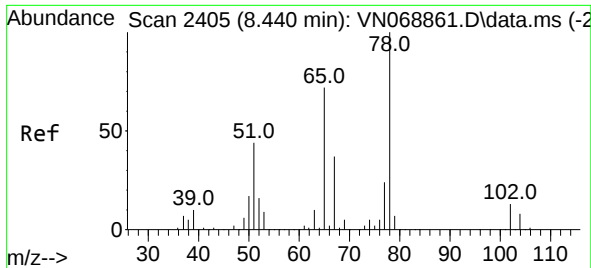
Tgt Ion: 56 Resp: 106461  
Ion Ratio Lower Upper  
56 100  
69 41.0 26.9 40.3#  
84 92.0 67.6 101.4



#32  
1,1,1-Trichloroethane  
Concen: 16.177 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 97 Resp: 106040  
Ion Ratio Lower Upper  
97 100  
99 62.8 50.8 76.2  
61 42.9 34.6 51.8

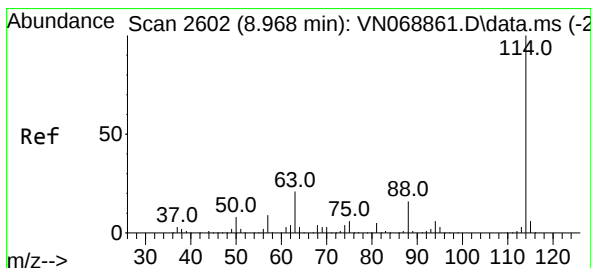
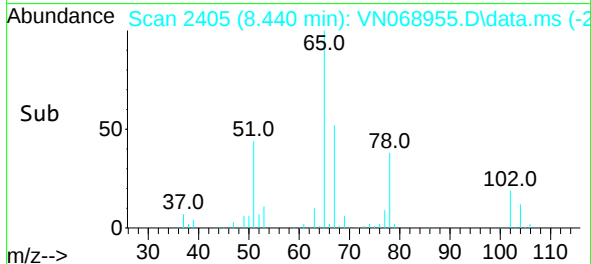
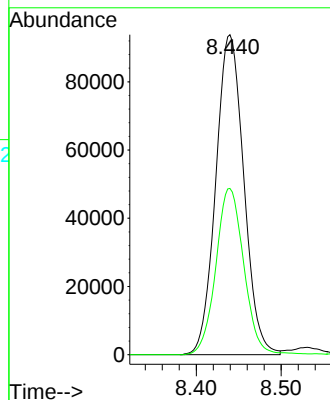
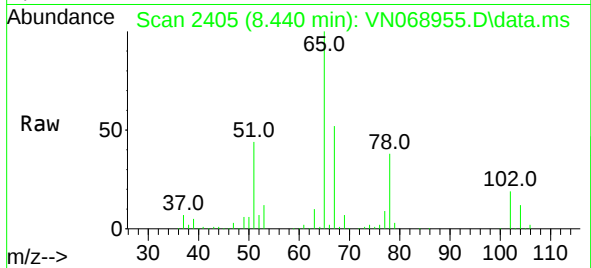




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.921 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. 0.000 min  
 Lab File: VN068955.D  
 Acq: 15 Oct 2021 17:37

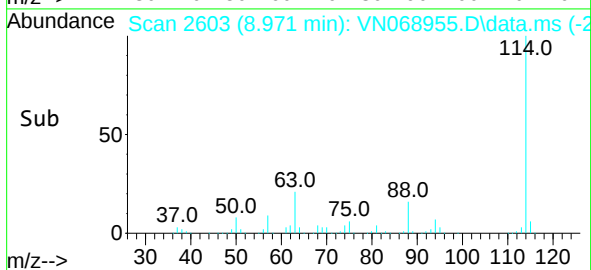
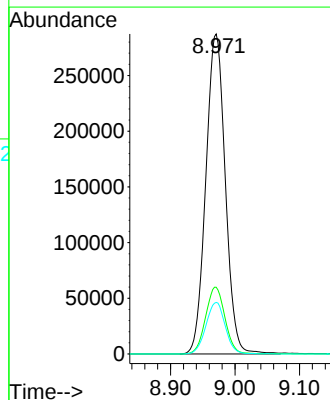
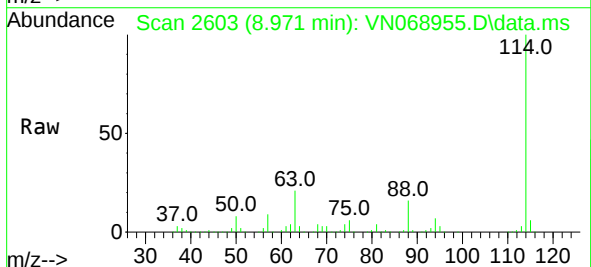
Instrument :  
 MSVOA\_N  
 ClientSampleId :

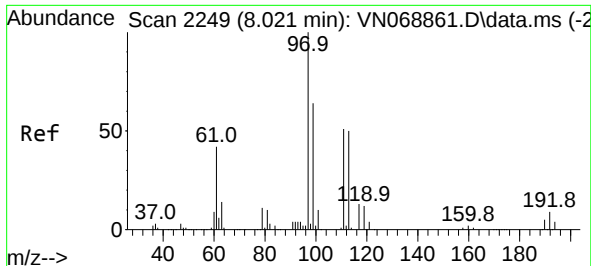
Tgt Ion: 65 Resp: 215393  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.971 min Scan# 2603  
 Delta R.T. 0.003 min  
 Lab File: VN068955.D  
 Acq: 15 Oct 2021 17:37

Tgt Ion: 114 Resp: 603935  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 42.6  
 88 16.1 0.0 32.0

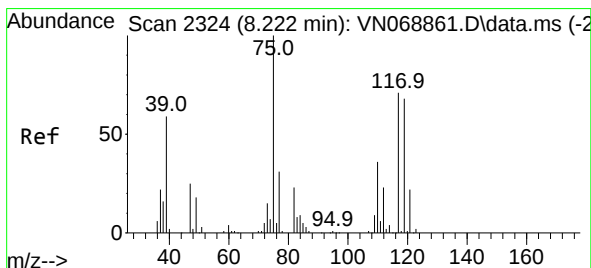
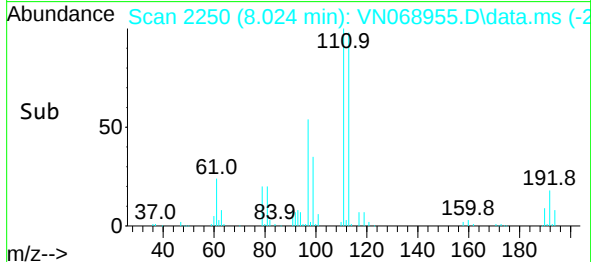
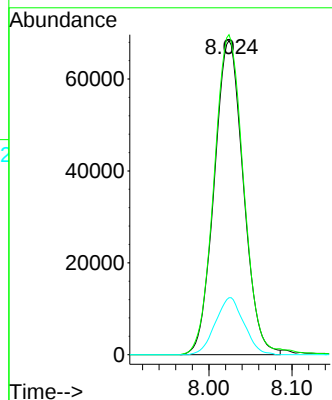
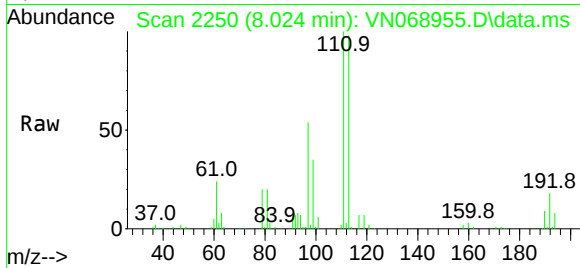




#35  
Dibromofluoromethane  
Concen: 47.361 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

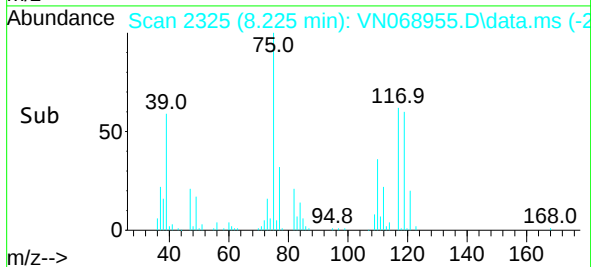
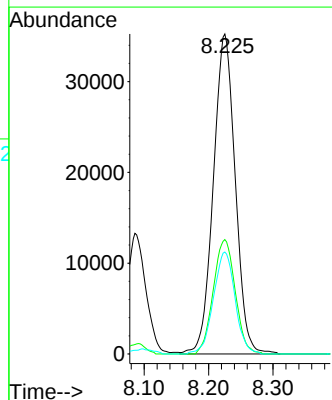
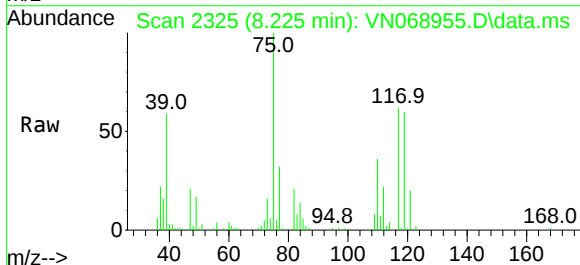
Instrument :  
MSVOA\_N  
ClientSampled :

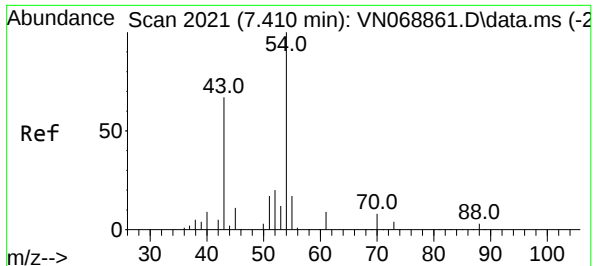
Tgt Ion:113 Resp: 166413  
Ion Ratio Lower Upper  
113 100  
111 104.0 83.2 124.8  
192 17.9 15.0 22.4



#36  
1,1-Dichloropropene  
Concen: 16.142 ug/l  
RT: 8.225 min Scan# 2325  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 75 Resp: 83268  
Ion Ratio Lower Upper  
75 100  
110 35.8 17.9 53.8  
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 16.230 ug/l

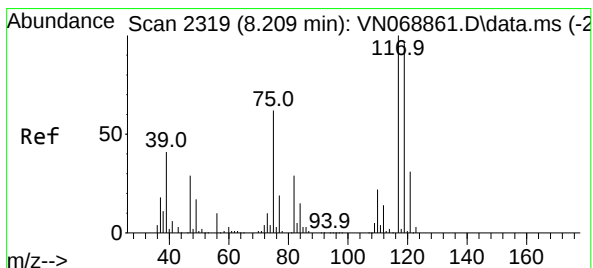
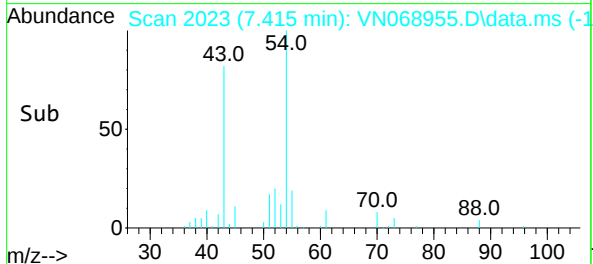
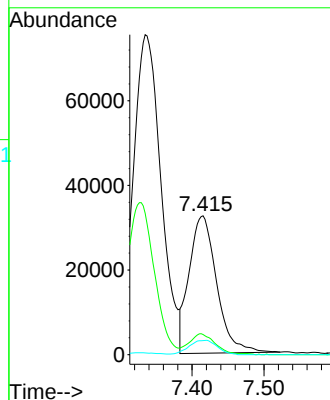
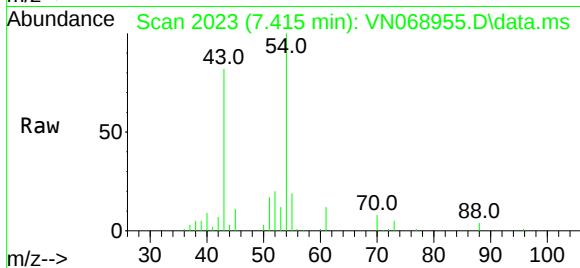
RT: 7.415 min Scan# 2023

Delta R.T. 0.005 min

Lab File: VN068955.D

Acq: 15 Oct 2021 17:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 86469 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.2  | 11.2  | 16.8  |
| 70       | 10.7  | 8.4   | 12.6  |



#38

Carbon Tetrachloride

Concen: 15.742 ug/l

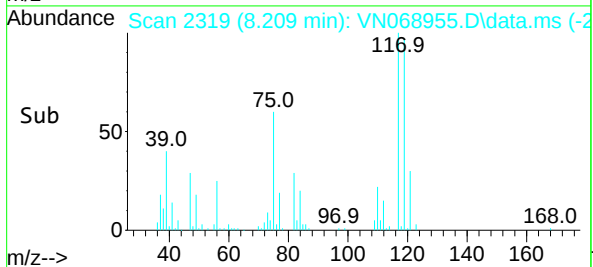
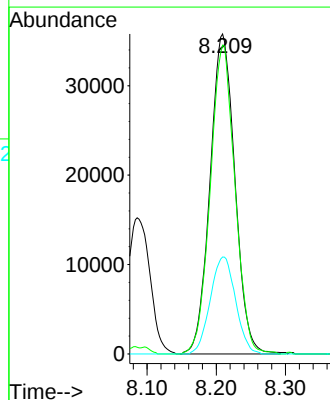
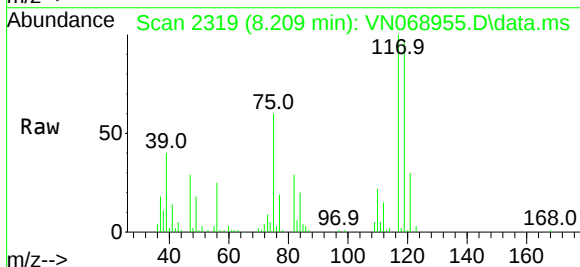
RT: 8.209 min Scan# 2319

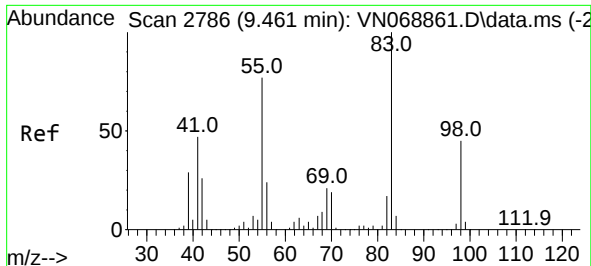
Delta R.T. 0.000 min

Lab File: VN068955.D

Acq: 15 Oct 2021 17:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 89184 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.5  | 76.9  | 115.3 |
| 121      | 30.3  | 24.6  | 37.0  |





#39

Methylcyclohexane

Concen: 15.609 ug/l

RT: 9.462 min Scan# 2786

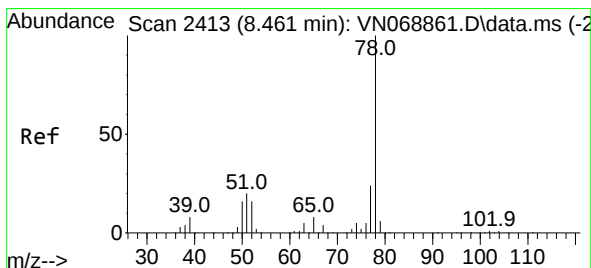
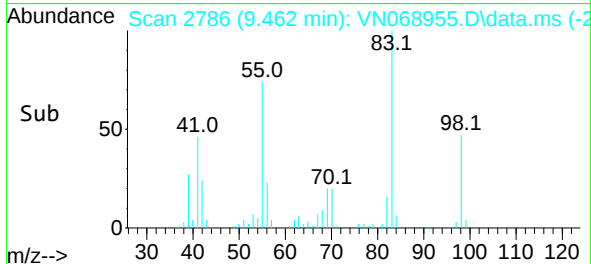
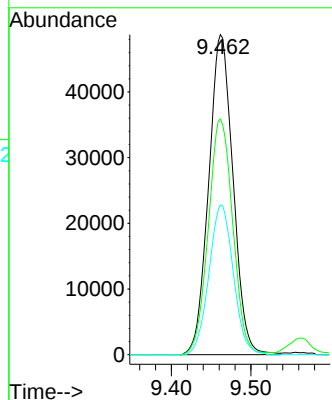
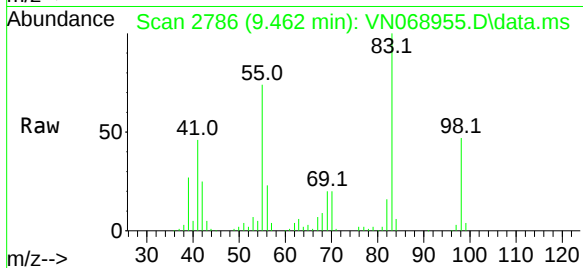
Delta R.T. 0.000 min

Lab File: VN068955.D

Acq: 15 Oct 2021 17:37

Tgt Ion: 83 Resp: 103636

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 73.6  | 61.4  | 92.0  |
| 98  | 46.8  | 36.4  | 54.6  |



#40

Benzene

Concen: 16.420 ug/l

RT: 8.464 min Scan# 2414

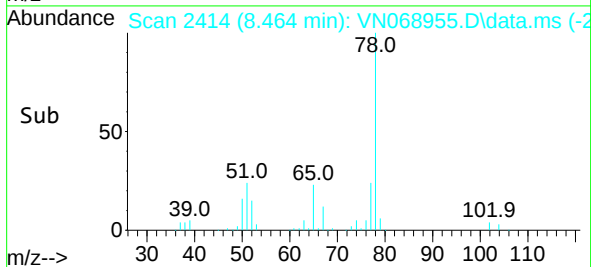
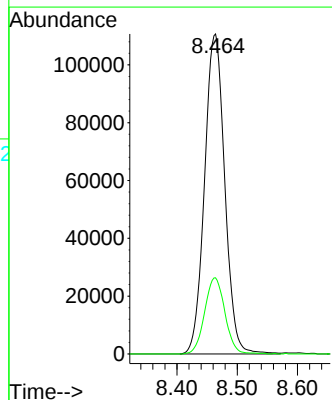
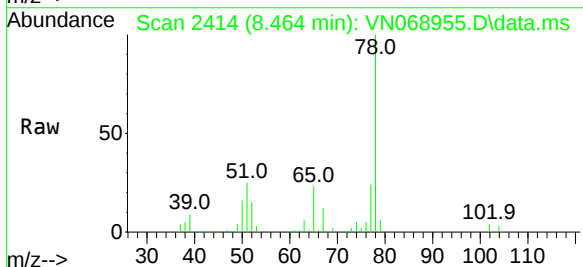
Delta R.T. 0.003 min

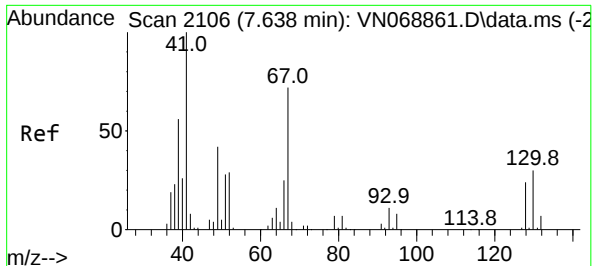
Lab File: VN068955.D

Acq: 15 Oct 2021 17:37

Tgt Ion: 78 Resp: 257922

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.8  | 19.1  | 28.7  |

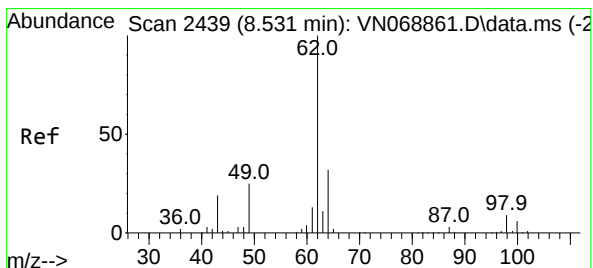
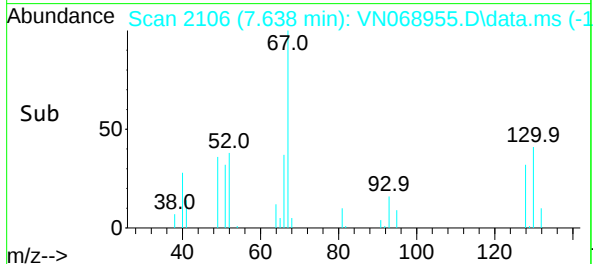
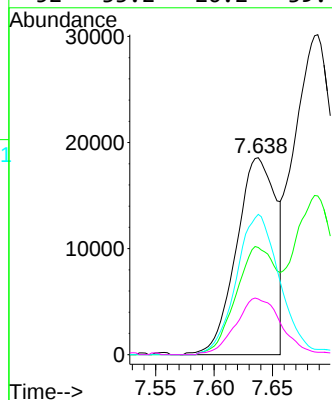
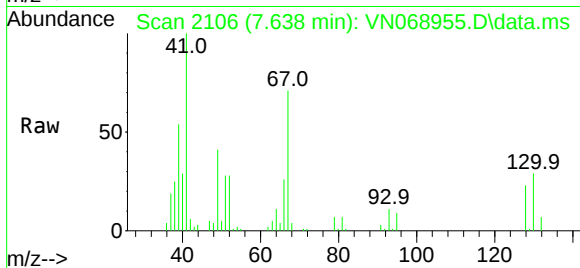




#41  
Methacrylonitrile  
Concen: 16.283 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

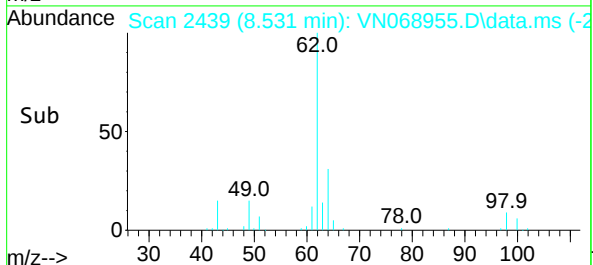
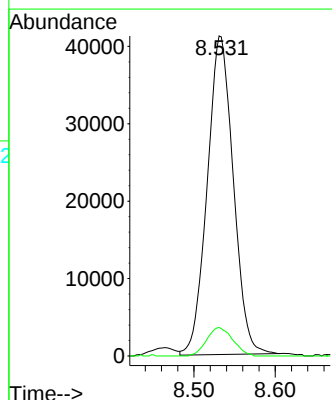
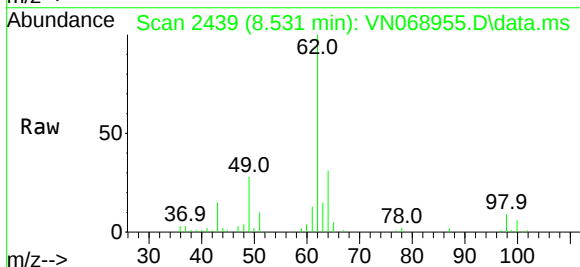
Instrument :  
MSVOA\_N  
ClientSampleId :

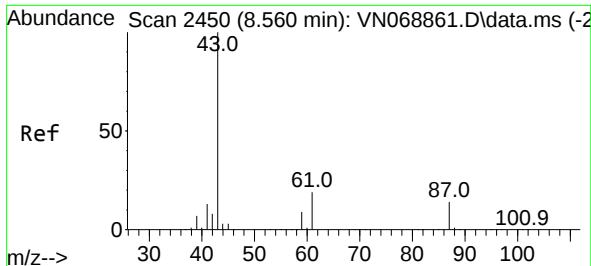
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 43731 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 55.3     | 44.9 67.3   |
| 67 78.8     | 62.6 93.8   |
| 52 33.2     | 26.2 39.4   |



#42  
1,2-Dichloroethane  
Concen: 16.500 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 91778 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.0      | 0.0 17.2    |

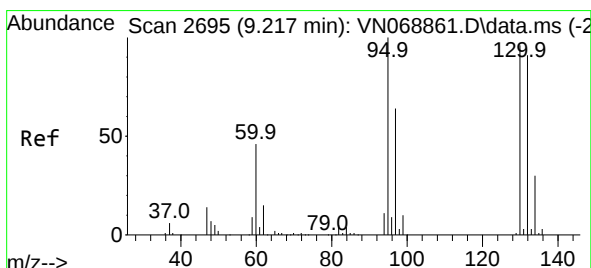
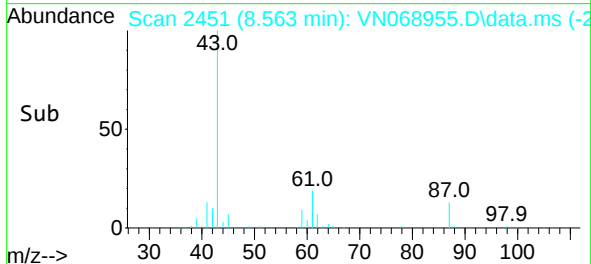
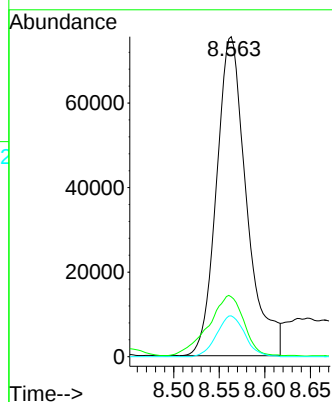
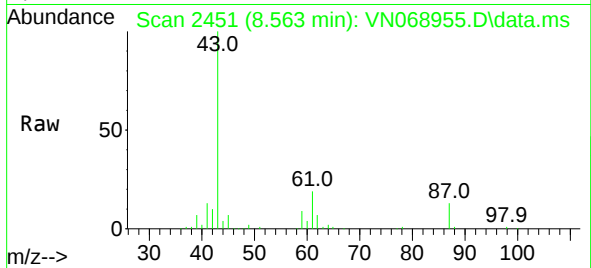




#43  
Isopropyl Acetate  
Concen: 18.437 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

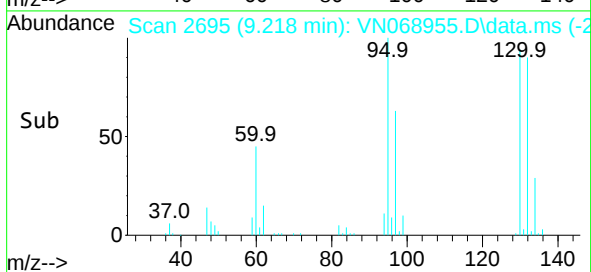
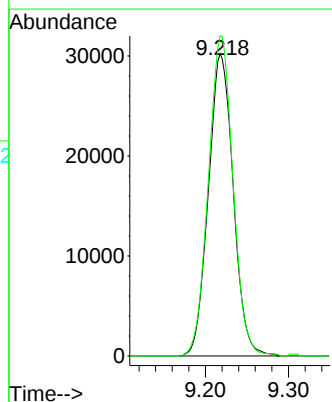
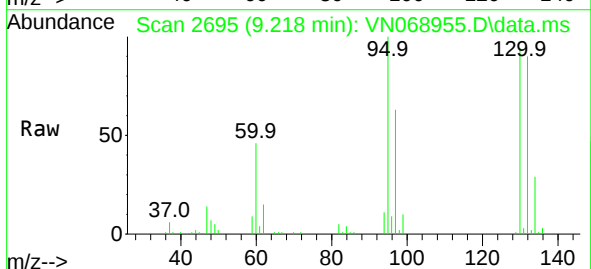
Instrument :  
MSVOA\_N  
ClientSampled :

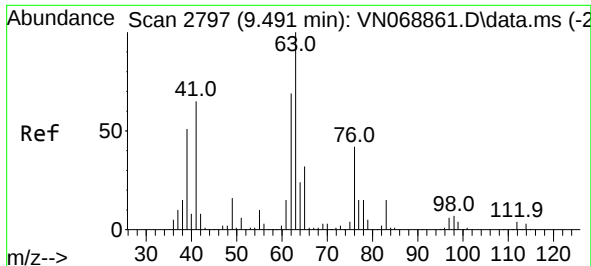
Tgt Ion: 43 Resp: 173313  
Ion Ratio Lower Upper  
43 100  
61 22.2 20.4 30.6  
87 12.0 10.7 16.1



#44  
Trichloroethene  
Concen: 15.976 ug/l  
RT: 9.218 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:130 Resp: 62808  
Ion Ratio Lower Upper  
130 100  
95 105.9 0.0 208.0

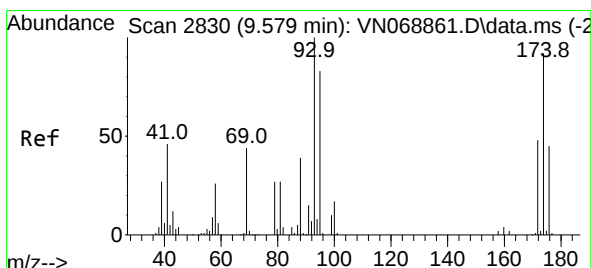
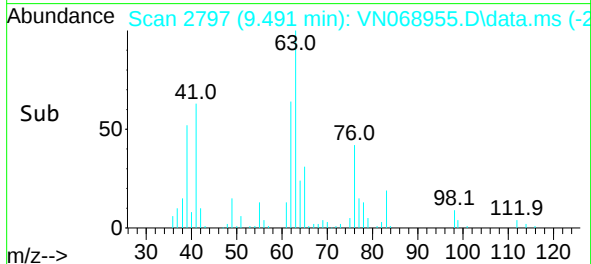
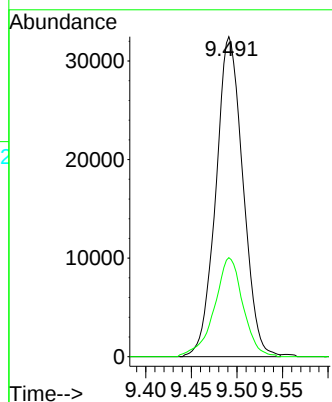
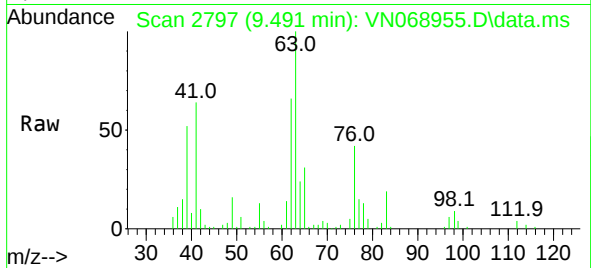




#45  
1,2-Dichloropropane  
Concen: 16.451 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

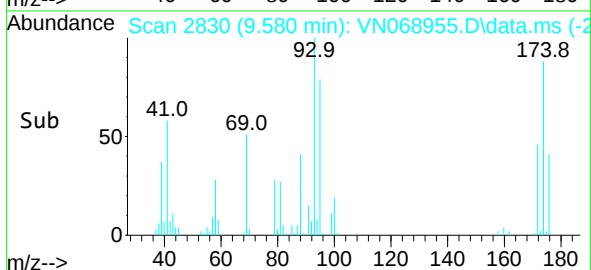
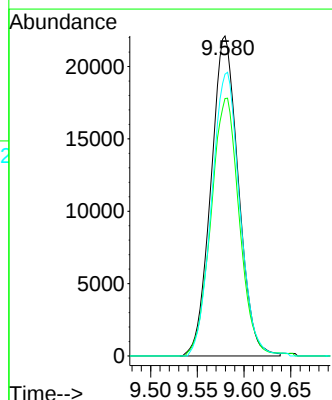
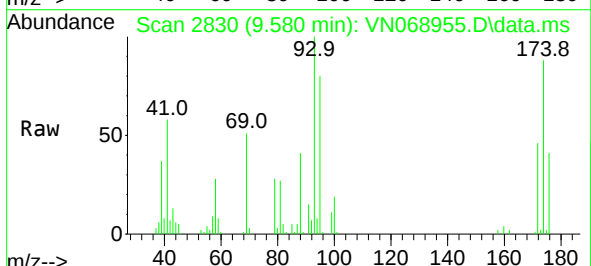
Instrument :  
MSVOA\_N  
ClientSampled :

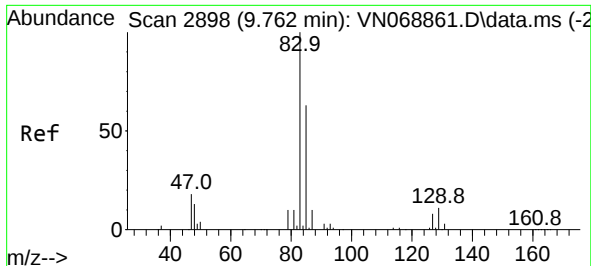
Tgt Ion: 63 Resp: 67056  
Ion Ratio Lower Upper  
63 100  
65 30.9 25.6 38.4



#46  
Dibromomethane  
Concen: 16.250 ug/l  
RT: 9.580 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 93 Resp: 45212  
Ion Ratio Lower Upper  
93 100  
95 83.0 66.5 99.7  
174 90.3 73.8 110.8

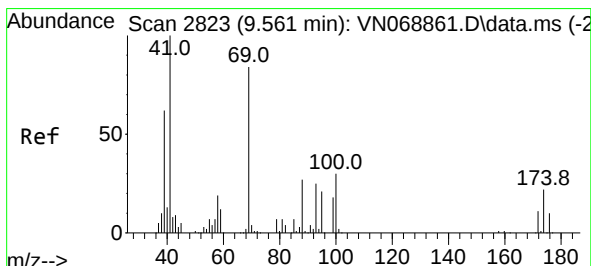
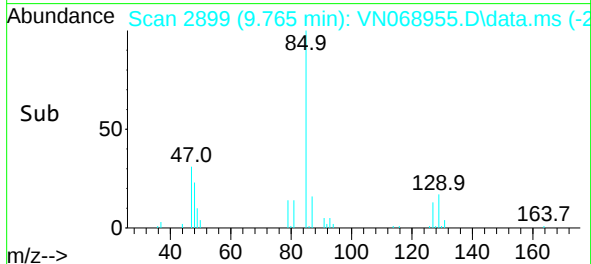
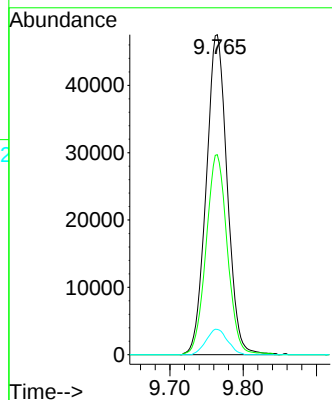
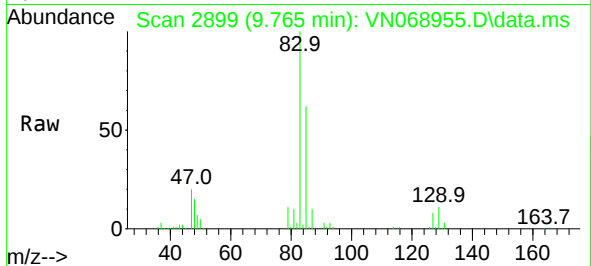




#47  
Bromodichloromethane  
Concen: 16.399 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

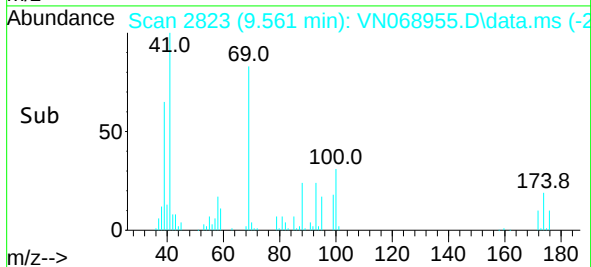
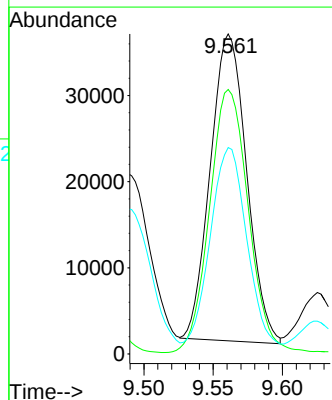
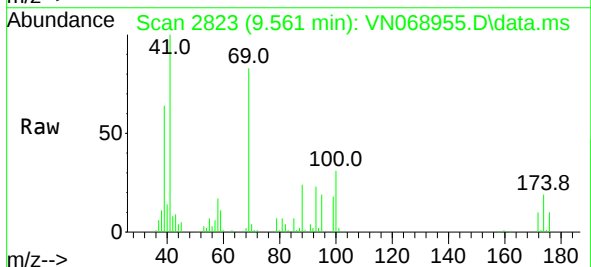
Instrument :  
MSVOA\_N  
ClientSampled :

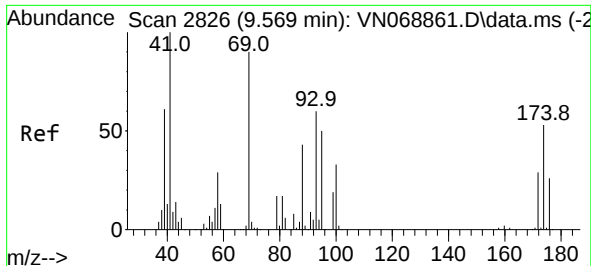
Tgt Ion: 83 Resp: 94552  
Ion Ratio Lower Upper  
83 100  
85 62.5 50.7 76.1  
127 7.9 6.5 9.7



#48  
Methyl methacrylate  
Concen: 14.731 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 41 Resp: 65063  
Ion Ratio Lower Upper  
41 100  
69 92.0 66.4 99.6  
39 69.6 50.2 75.2

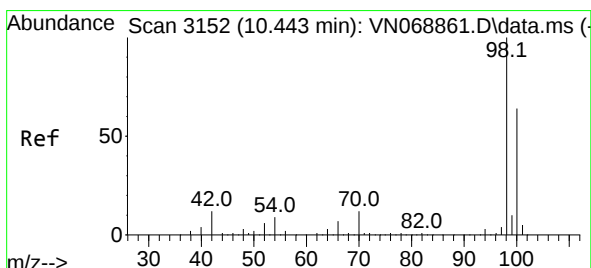
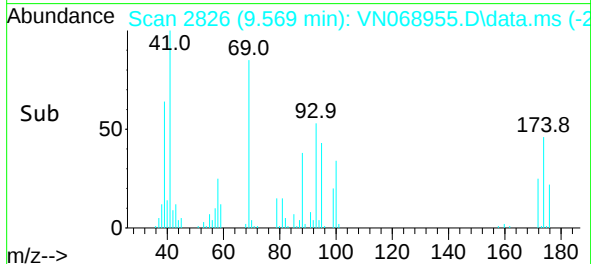
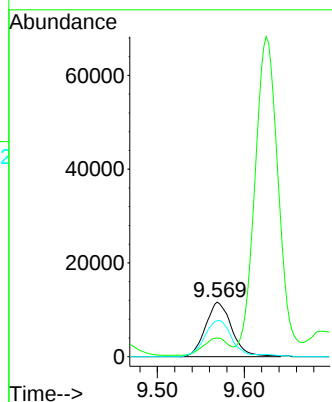
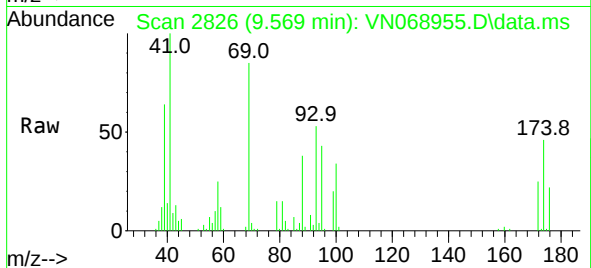




#49  
1,4-Dioxane  
Concen: 309.053 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

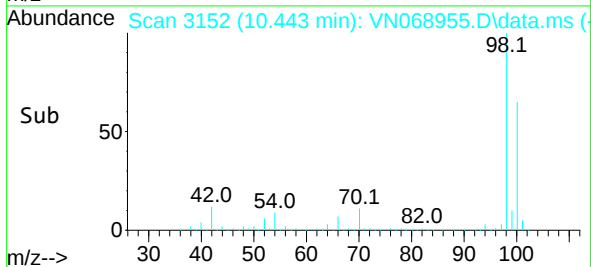
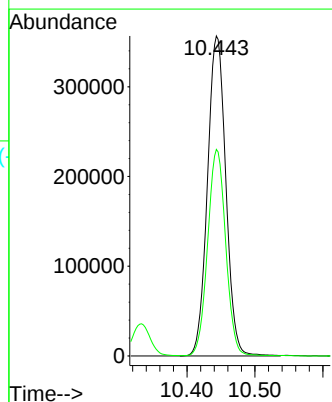
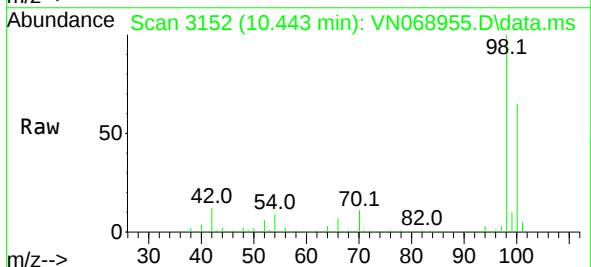
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 88 Resp: 24407  
Ion Ratio Lower Upper  
88 100  
43 29.4 24.9 37.3  
58 68.8 56.9 85.3



#50  
Toluene-d8  
Concen: 47.670 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 98 Resp: 670191  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.5 77.3

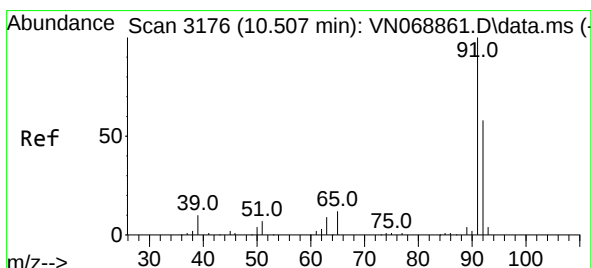
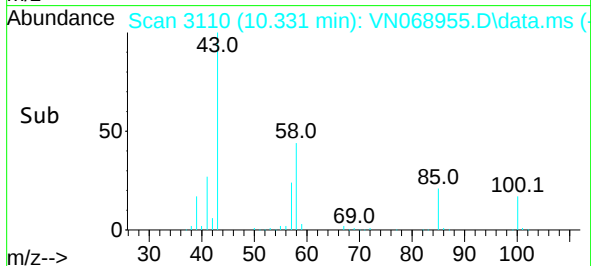
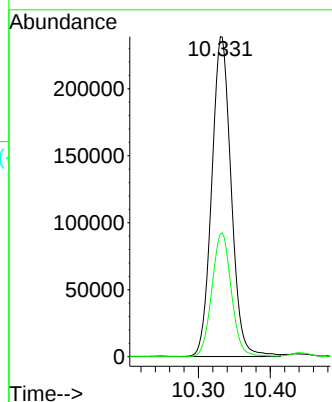
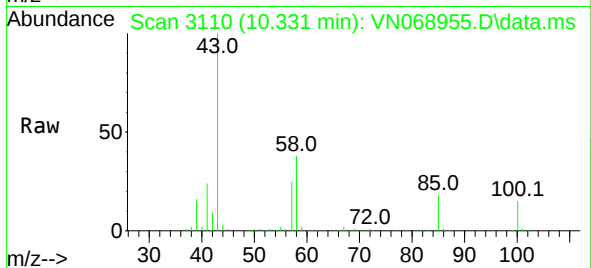




#51  
4-Methyl-2-Pentanone  
Concen: 82.122 ug/l  
RT: 10.331 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

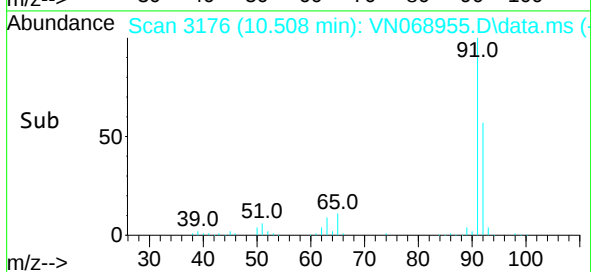
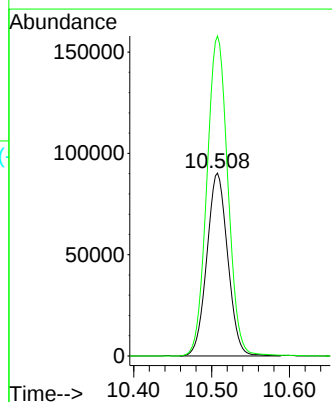
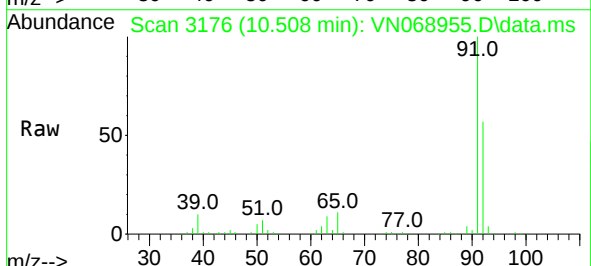
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MSVOA\_N  
ClientSampleId :

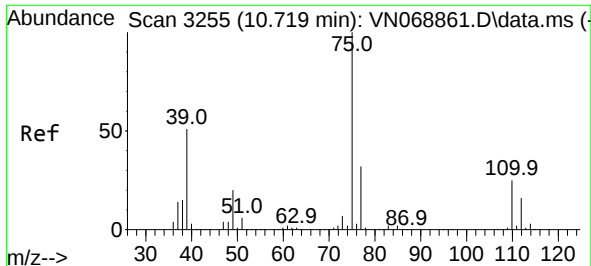
Tgt Ion: 43 Resp: 447620  
Ion Ratio Lower Upper  
43 100  
58 38.9 31.0 46.4



#52  
Toluene  
Concen: 16.652 ug/l  
RT: 10.508 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 92 Resp: 168290  
Ion Ratio Lower Upper  
92 100  
91 176.0 138.5 207.7

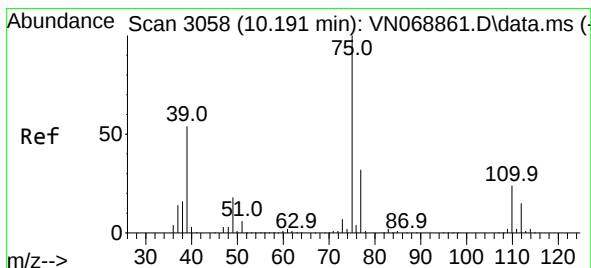
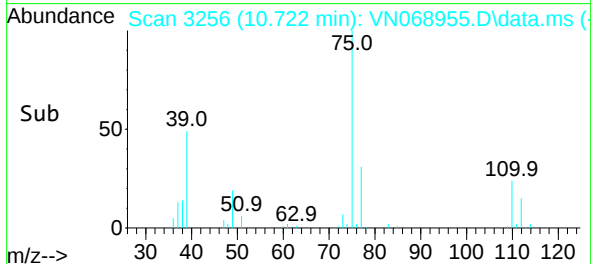
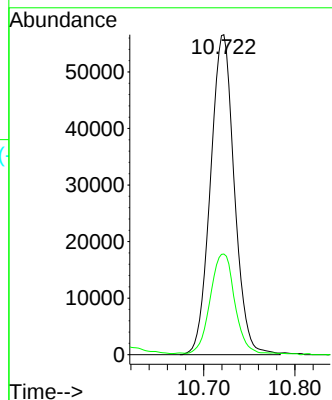
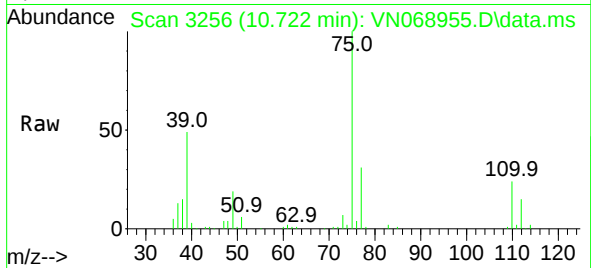




#53  
t-1,3-Dichloropropene  
Concen: 15.747 ug/l  
RT: 10.722 min Scan# 3256  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

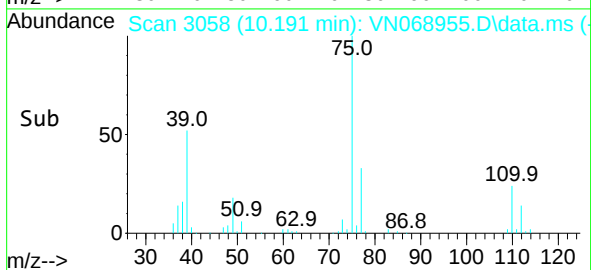
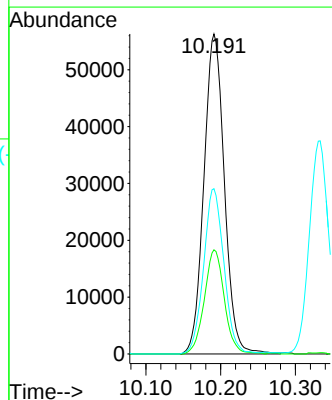
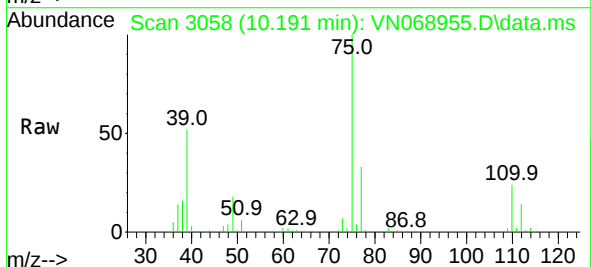
Instrument :  
MSVOA\_N  
ClientSampled :

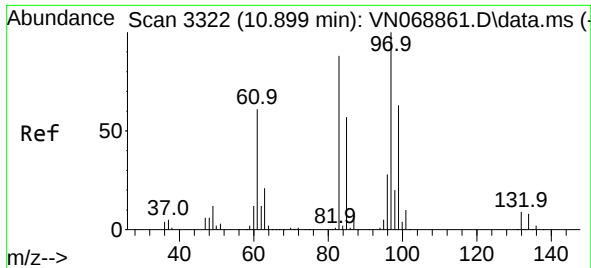
Tgt Ion: 75 Resp: 102847  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 15.814 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 75 Resp: 107459  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.6 38.4  
39 51.7 42.9 64.3

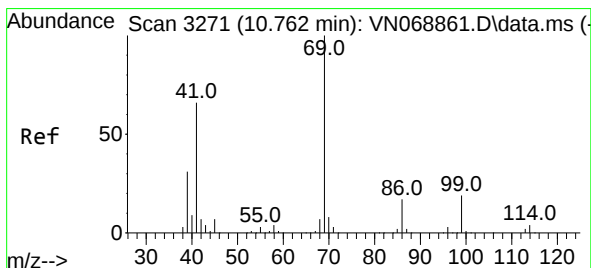
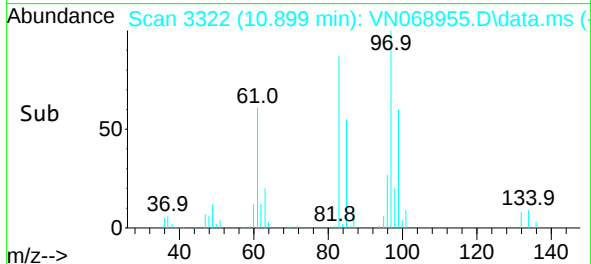
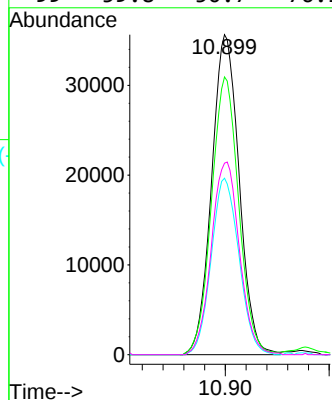
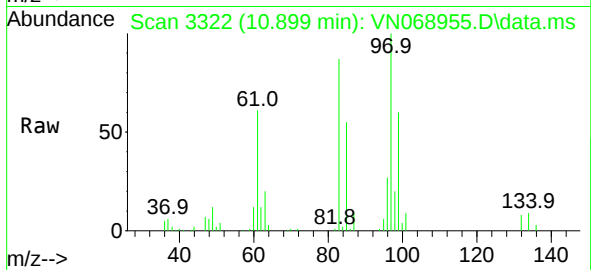




#55  
1,1,2-Trichloroethane  
Concen: 16.465 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

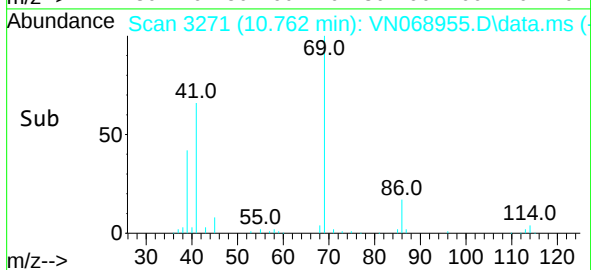
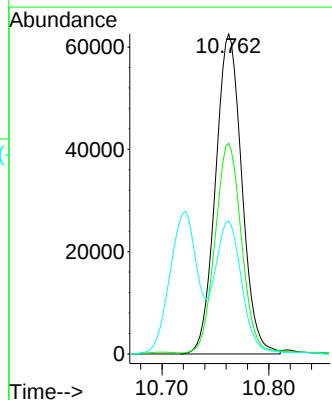
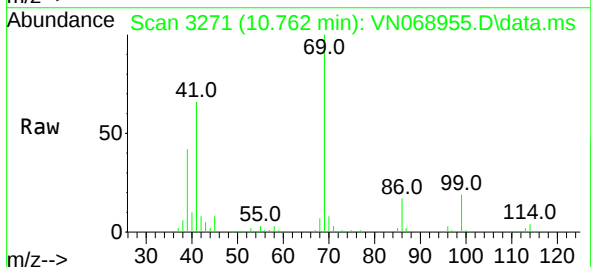
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MSVOA\_N  
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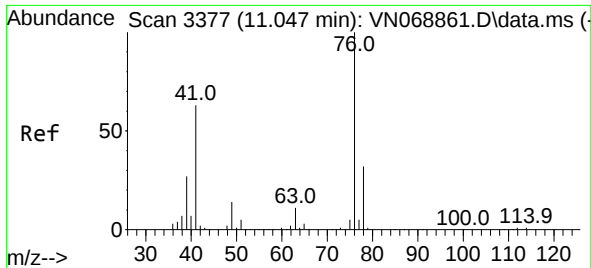
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 65606 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.8  | 70.5  | 105.7 |
| 85       | 55.1  | 45.3  | 67.9  |
| 99       | 59.8  | 50.7  | 76.1  |



#56  
Ethyl methacrylate  
Concen: 16.032 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 107256 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.7  | 53.3  | 79.9   |
| 39       | 40.3  | 33.3  | 49.9   |

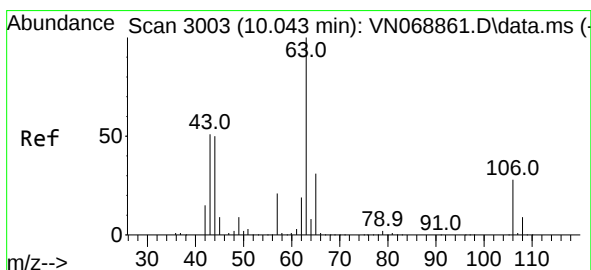
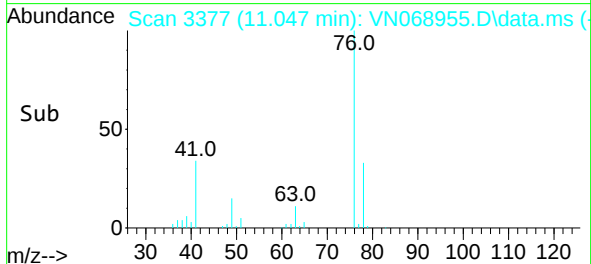
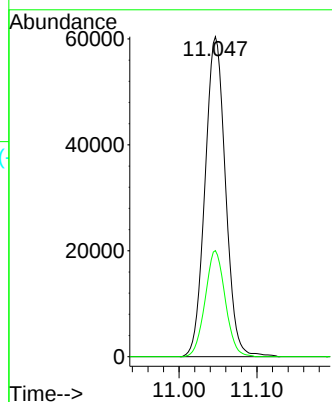
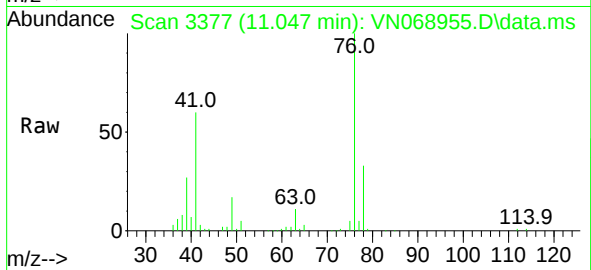




#57  
1,3-Dichloropropane  
Concen: 16.826 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

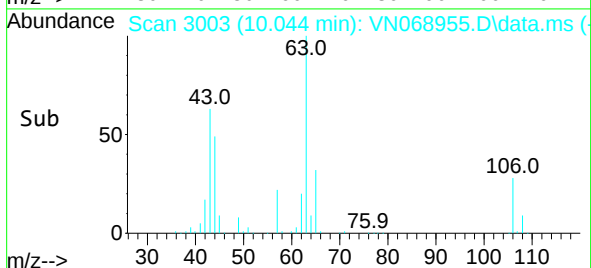
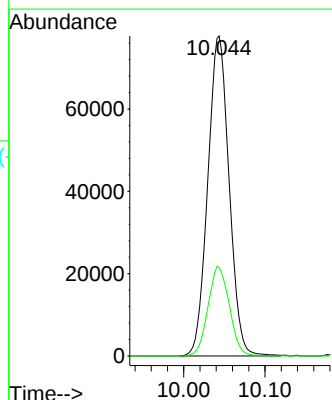
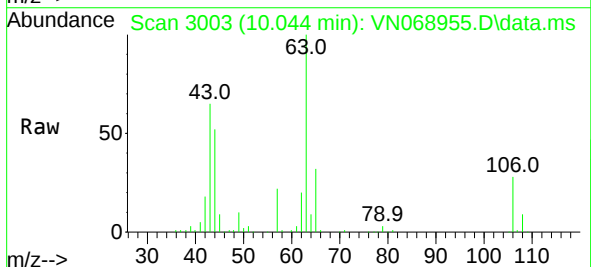
Instrument :  
MSVOA\_N  
ClientSampled :

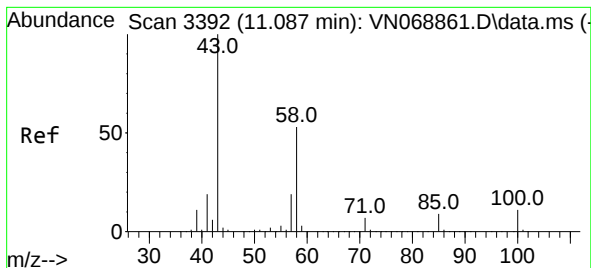
Tgt Ion: 76 Resp: 110547  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 85.361 ug/l  
RT: 10.044 min Scan# 3003  
Delta R.T. 0.001 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 63 Resp: 141705  
Ion Ratio Lower Upper  
63 100  
106 27.8 22.2 33.2

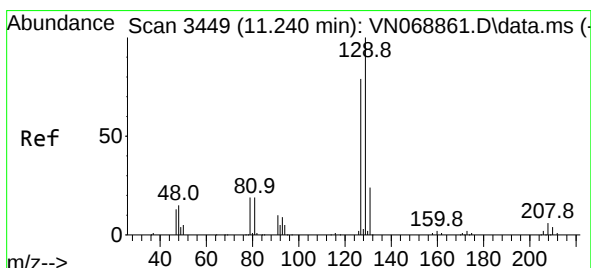
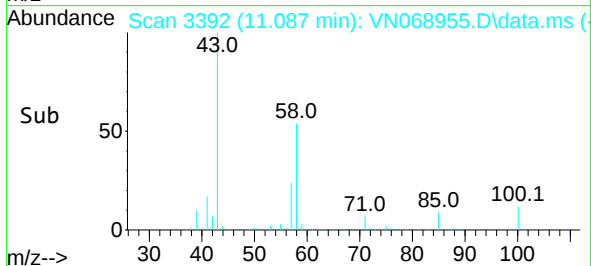
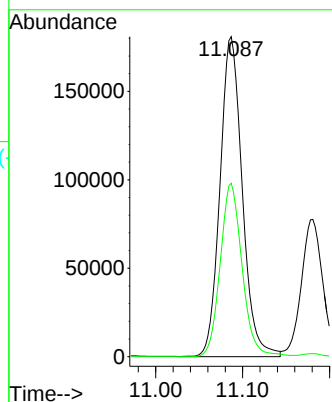
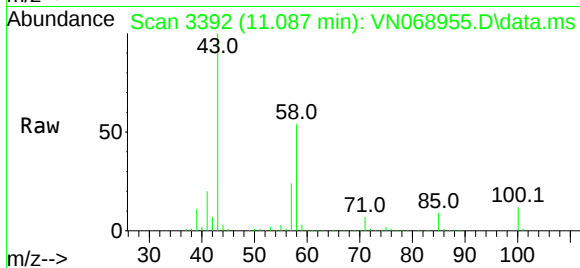




#59  
2-Hexanone  
Concen: 82.393 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

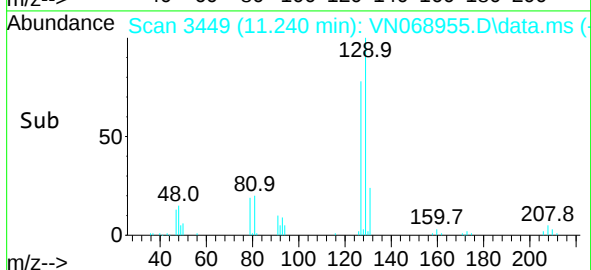
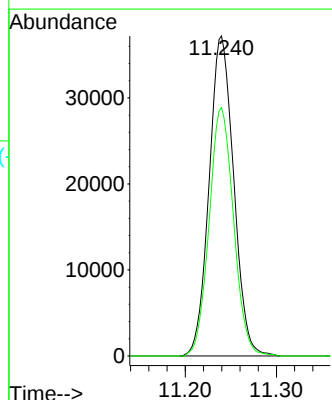
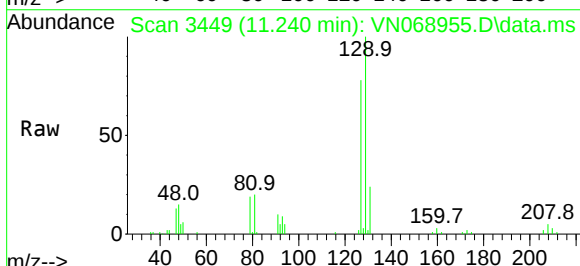
Instrument :  
MSVOA\_N  
ClientSampled :

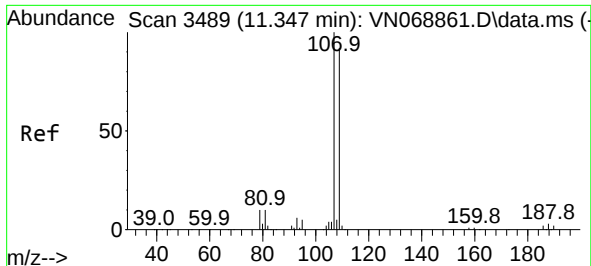
Tgt Ion: 43 Resp: 322062  
Ion Ratio Lower Upper  
43 100  
58 53.2 26.9 80.7



#60  
Dibromochloromethane  
Concen: 15.477 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 129 Resp: 69607  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.1 117.2

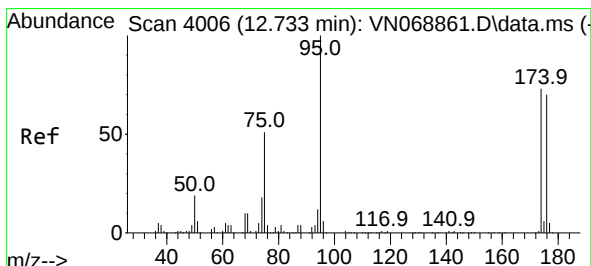
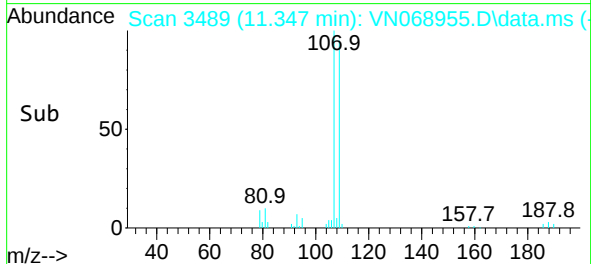
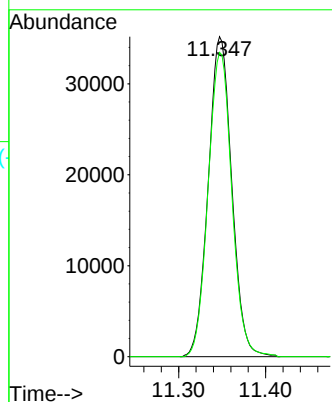
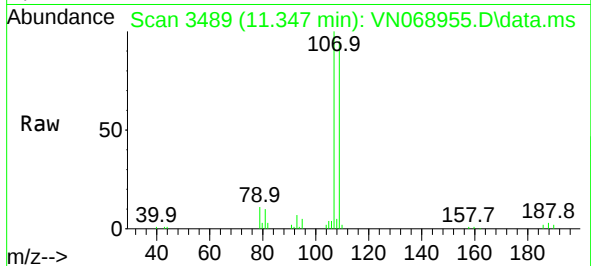




#61  
1,2-Dibromoethane  
Concen: 16.204 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

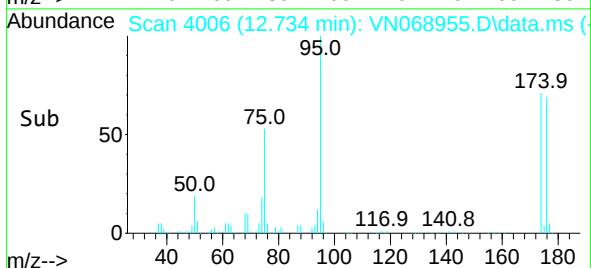
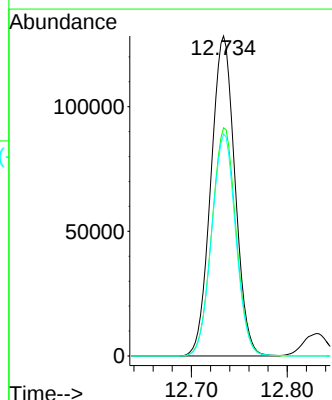
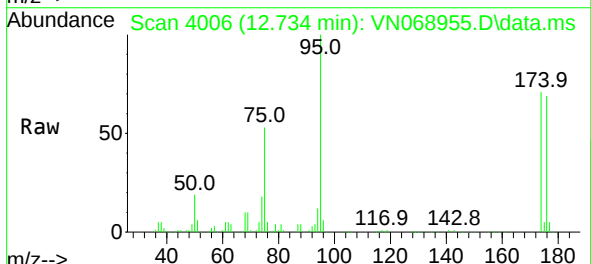
Instrument :  
MSVOA\_N  
ClientSampled :

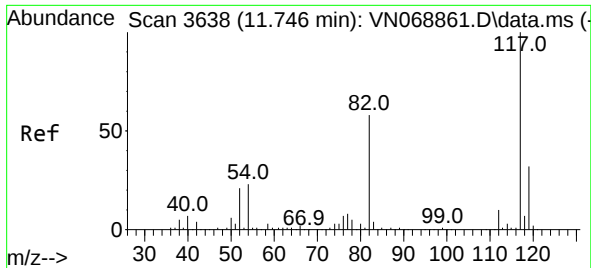
Tgt Ion:107 Resp: 66223  
Ion Ratio Lower Upper  
107 100  
109 95.7 74.7 112.1



#62  
4-Bromofluorobenzene  
Concen: 42.200 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 95 Resp: 223840  
Ion Ratio Lower Upper  
95 100  
174 71.8 0.0 144.8  
176 69.4 0.0 140.0

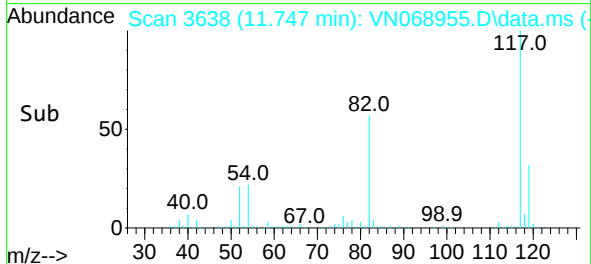
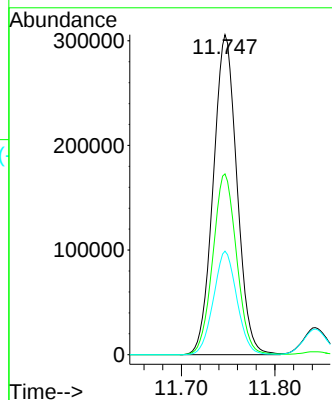
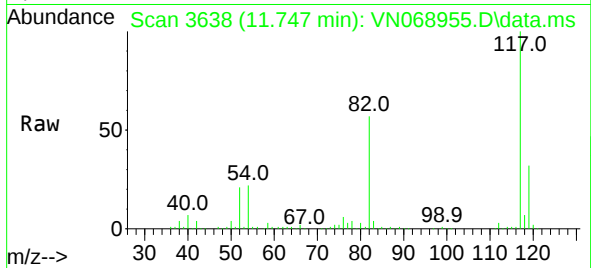




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

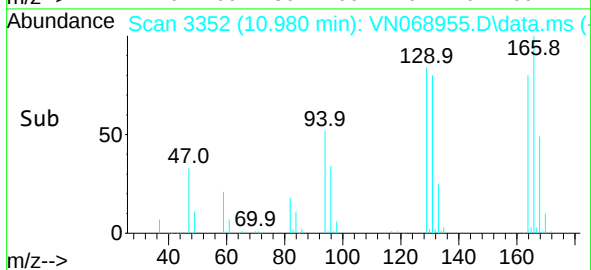
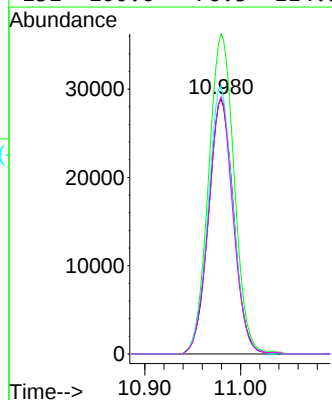
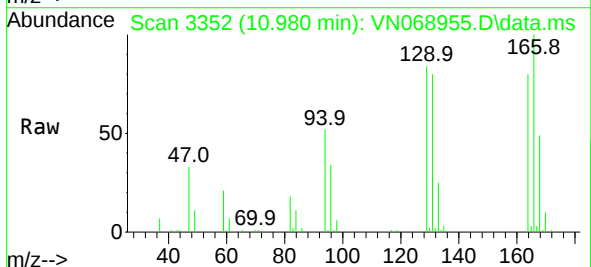
Instrument :  
MSVOA\_N  
ClientSampleId :

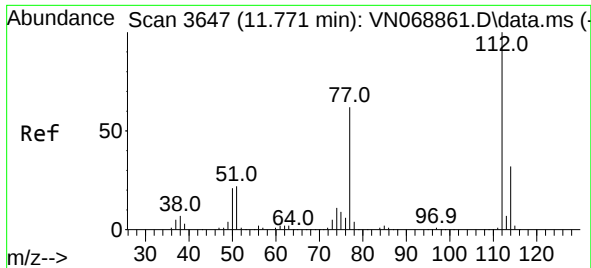
Tgt Ion:117 Resp: 538605  
Ion Ratio Lower Upper  
117 100  
82 56.5 46.4 69.6  
119 32.4 26.0 39.0



#64  
Tetrachloroethene  
Concen: 15.153 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:164 Resp: 52575  
Ion Ratio Lower Upper  
164 100  
166 125.4 99.8 149.8  
129 104.9 79.2 118.8  
131 100.6 76.3 114.5

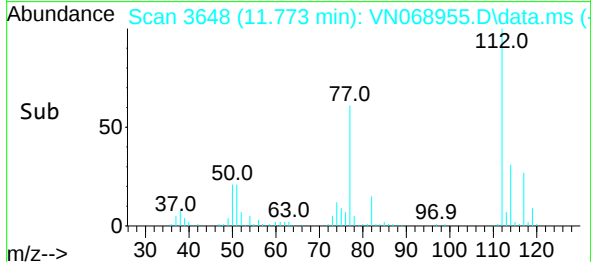
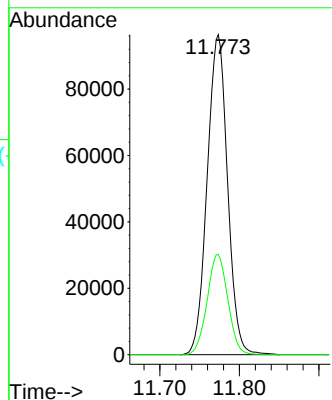
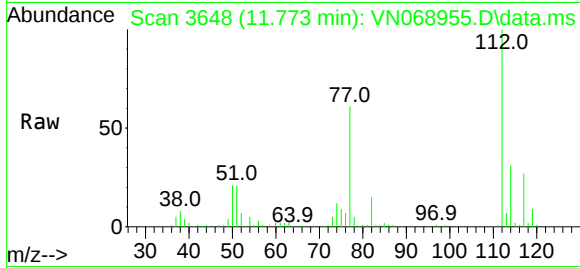




#65  
Chlorobenzene  
Concen: 16.842 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

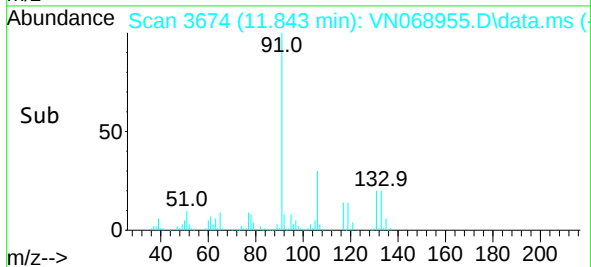
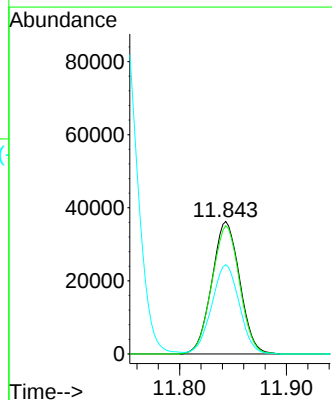
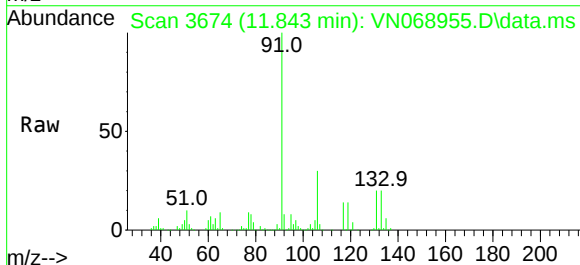
Instrument :  
MSVOA\_N  
ClientSampleId :

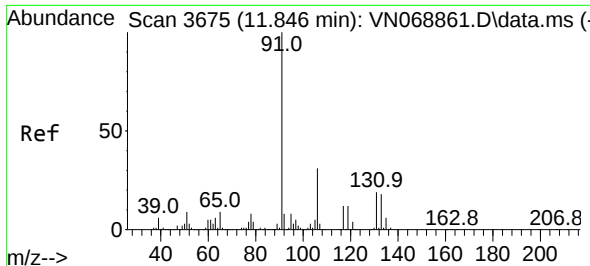
Tgt Ion:112 Resp: 171654  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 16.504 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:131 Resp: 65835  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.3 142.0  
119 66.9 33.0 99.0

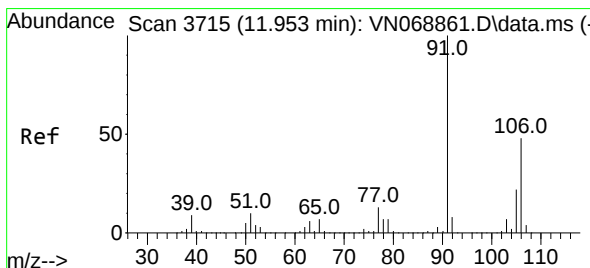
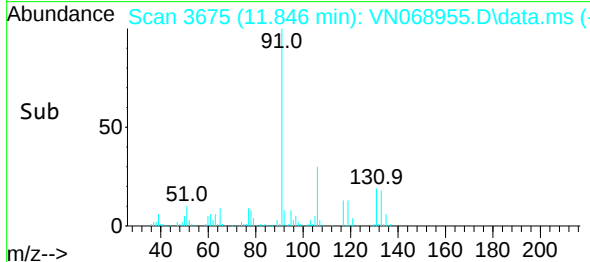
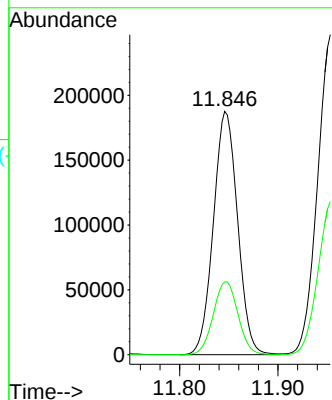
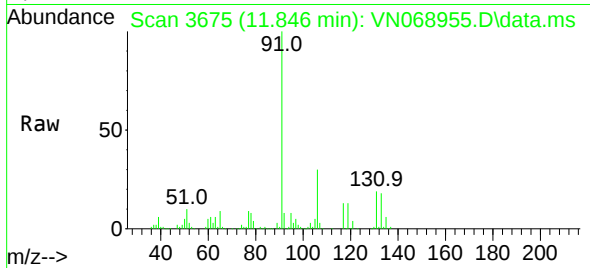




#67  
Ethyl Benzene  
Concen: 16.974 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

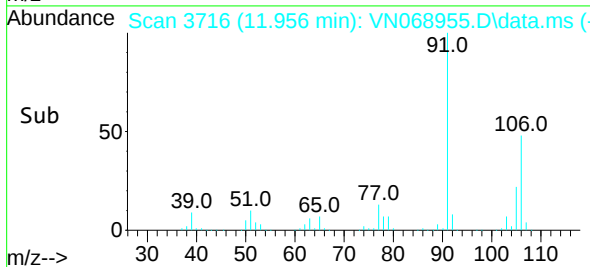
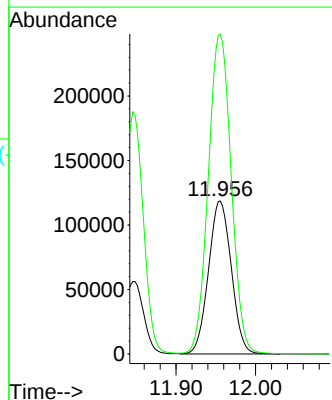
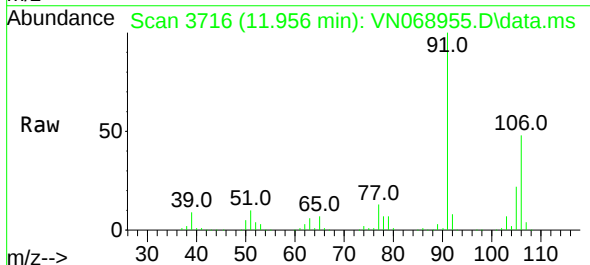
Instrument :  
MSVOA\_N  
ClientSampled :

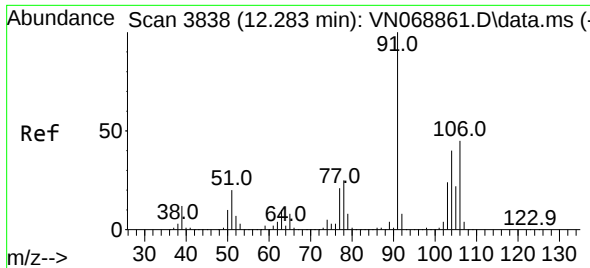
Tgt Ion: 91 Resp: 321350  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.8 37.2



#68  
m/p-Xylenes  
Concen: 32.919 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:106 Resp: 236257  
Ion Ratio Lower Upper  
106 100  
91 211.2 166.8 250.2

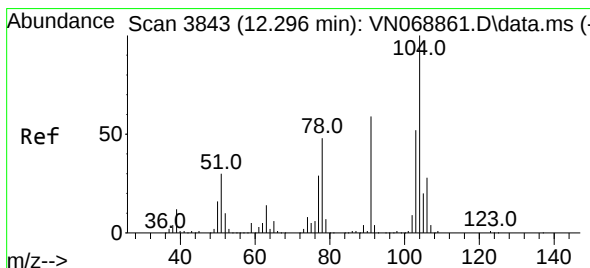
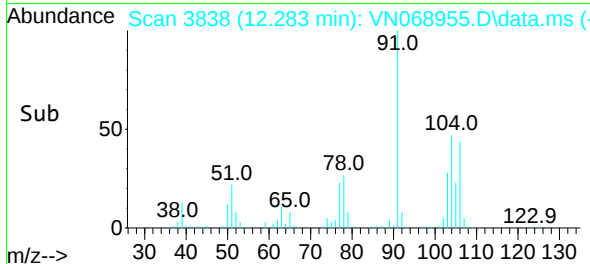
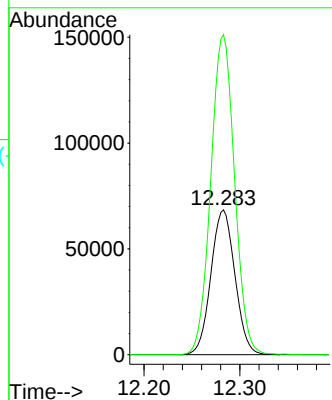
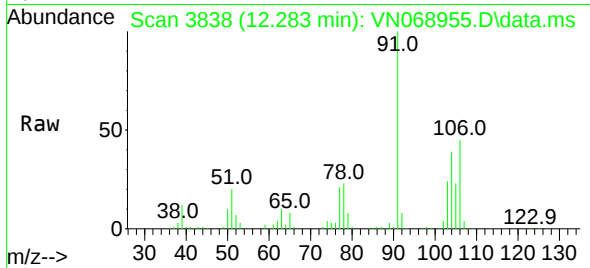




#69  
o-Xylene  
Concen: 16.575 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

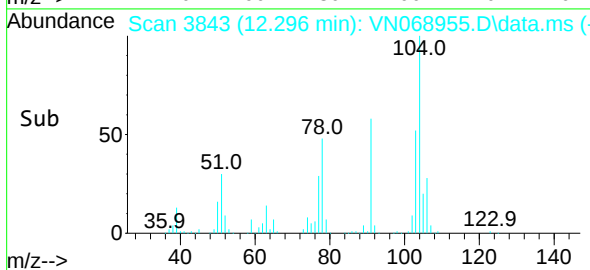
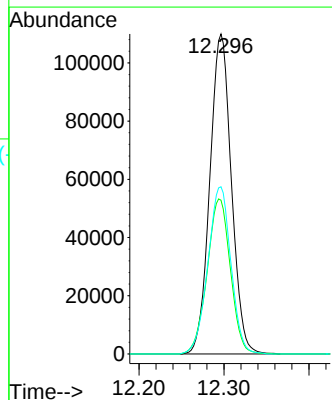
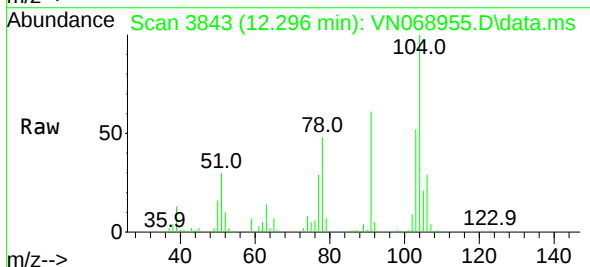
Instrument :  
MSVOA\_N  
ClientSampleId :

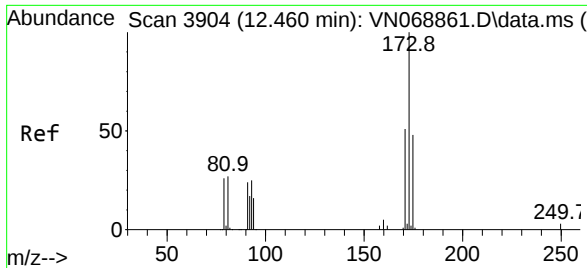
Tgt Ion:106 Resp: 119068  
Ion Ratio Lower Upper  
106 100  
91 219.3 109.6 328.6



#70  
Styrene  
Concen: 16.586 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:104 Resp: 193951  
Ion Ratio Lower Upper  
104 100  
78 52.1 42.2 63.4  
103 55.8 44.4 66.6

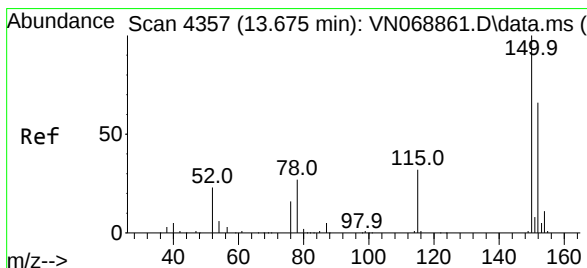
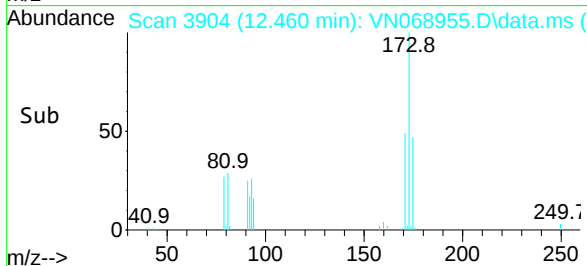
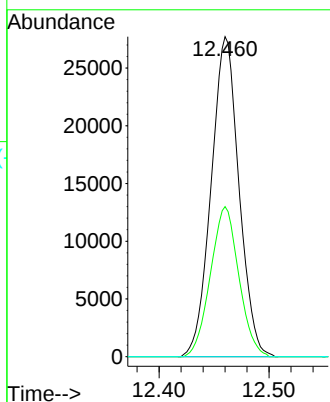
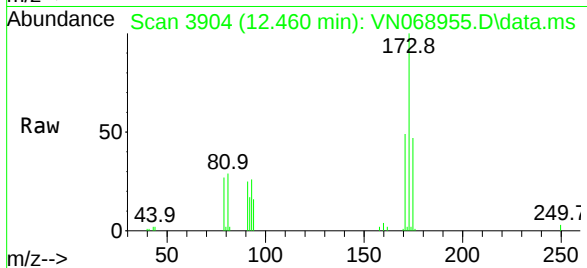




#71  
Bromoform  
Concen: 15.238 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

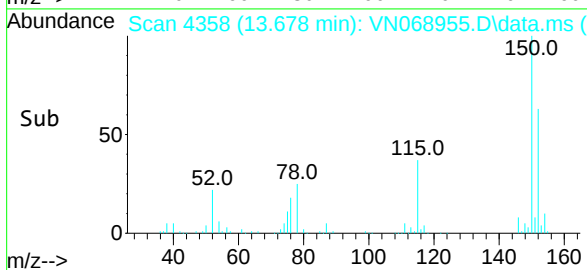
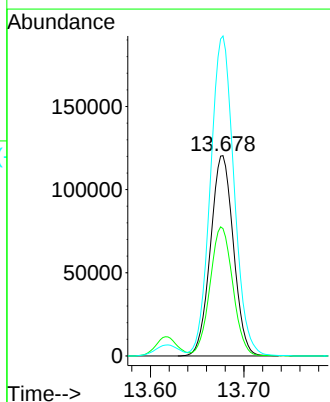
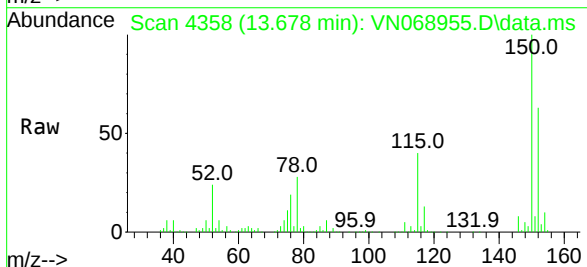
Instrument :  
MSVOA\_N  
ClientSampled :

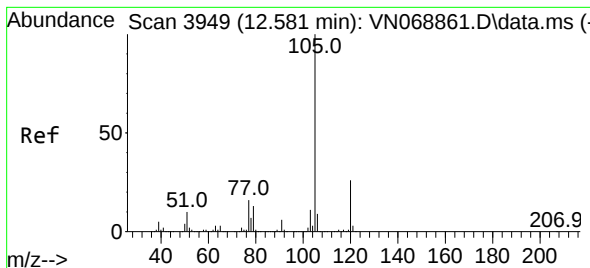
Tgt Ion:173 Resp: 48695  
Ion Ratio Lower Upper  
173 100  
175 47.9 23.8 71.5  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:152 Resp: 206017  
Ion Ratio Lower Upper  
152 100  
115 64.1 31.4 94.3  
150 164.5 0.0 351.0

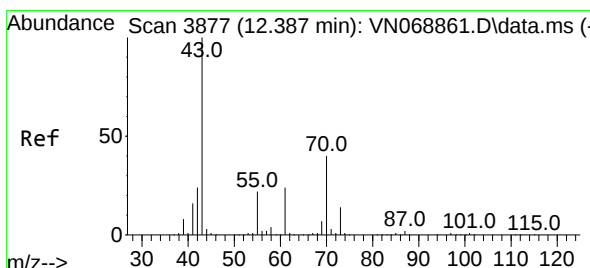
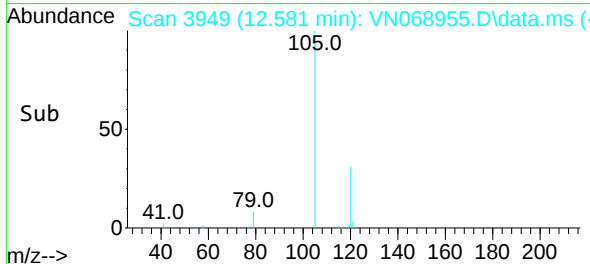
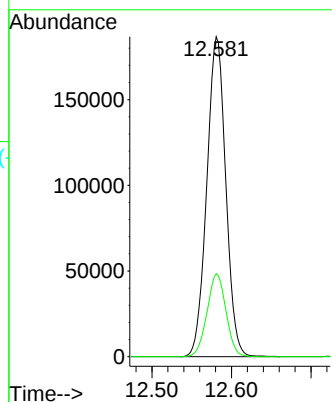
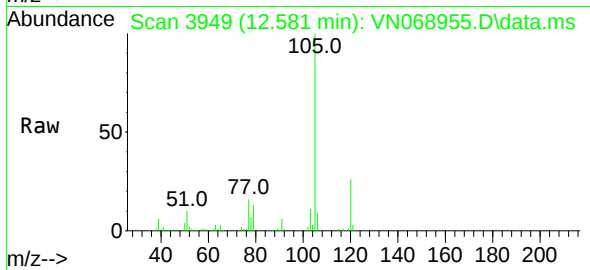




#73  
Isopropylbenzene  
Concen: 18.053 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

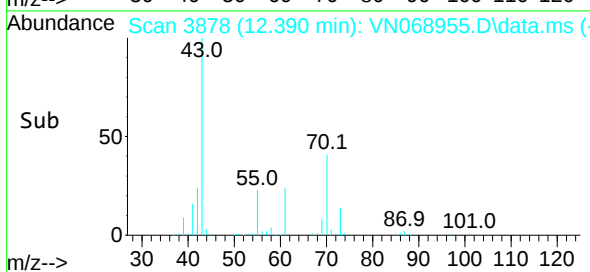
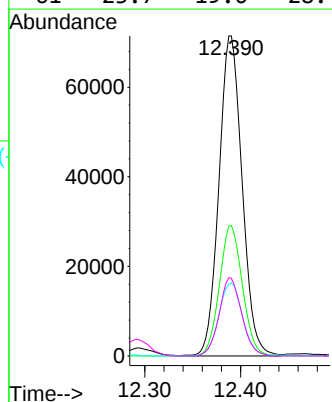
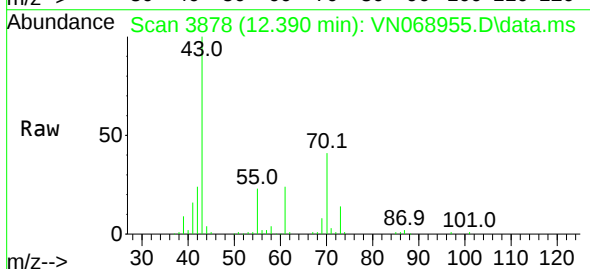
Instrument :  
MSVOA\_N  
ClientSampleId :

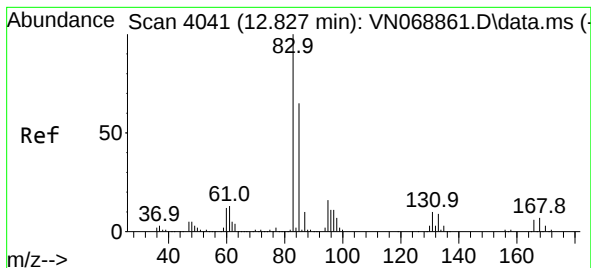
Tgt Ion:105 Resp: 309573  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.1 39.3



#74  
N-ethyl acetate  
Concen: 18.436 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 43 Resp: 119773  
Ion Ratio Lower Upper  
43 100  
70 40.4 32.2 48.2  
55 23.4 18.0 27.0  
61 23.7 19.0 28.4



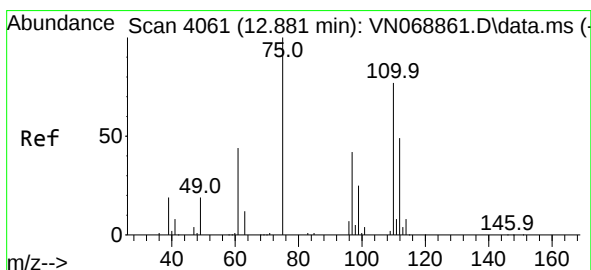
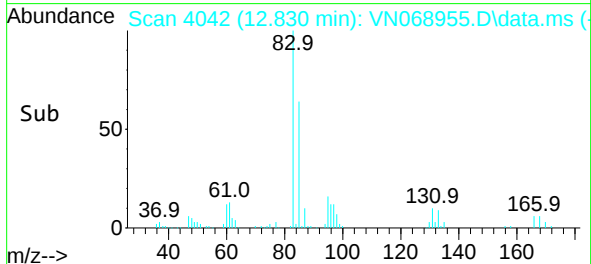
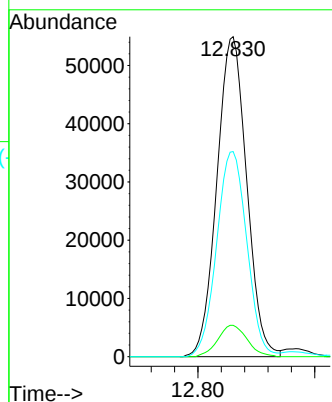
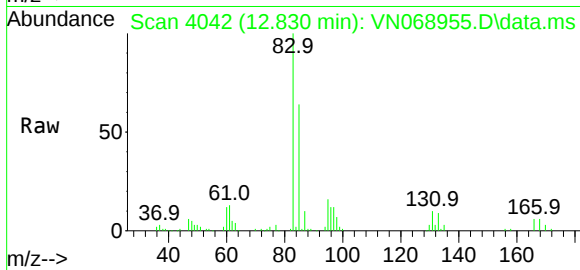


#75

1,1,2,2-Tetrachloroethane  
Concen: 19.640 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 83 Resp: 97326  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.1 15.2  
85 64.8 32.3 96.8

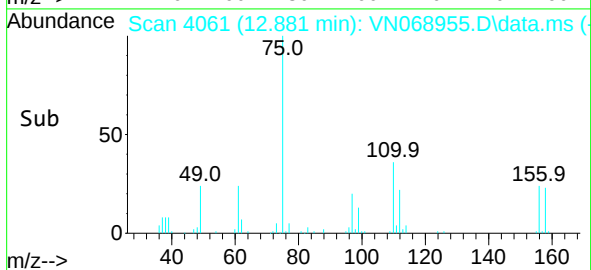
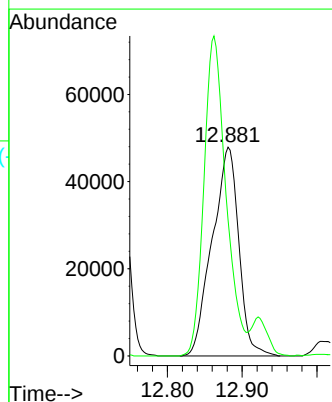
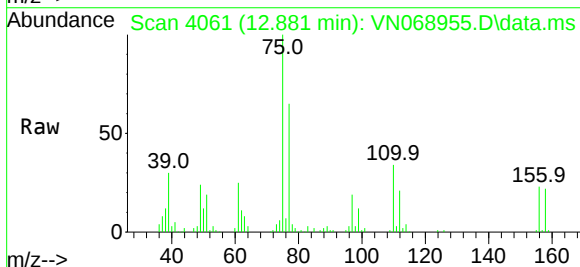
Instrument :  
MSVOA\_N  
ClientSampled :

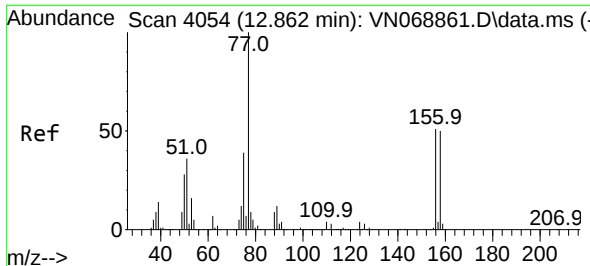


#76

1,2,3-Trichloropropane  
Concen: 26.938 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 75 Resp: 118081  
Ion Ratio Lower Upper  
75 100  
77 127.3 96.2 288.4

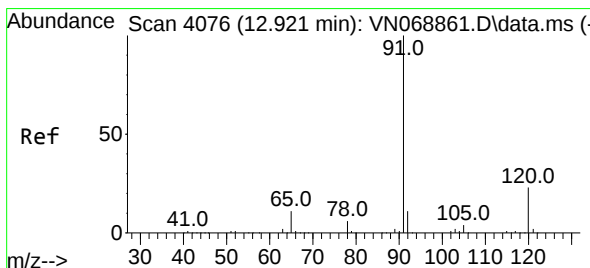
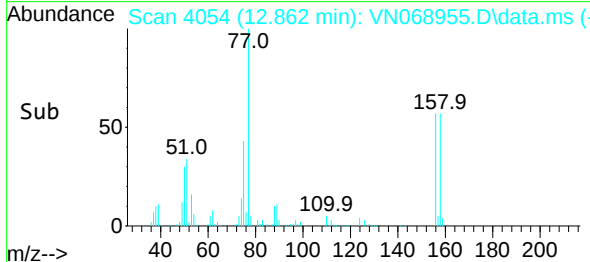
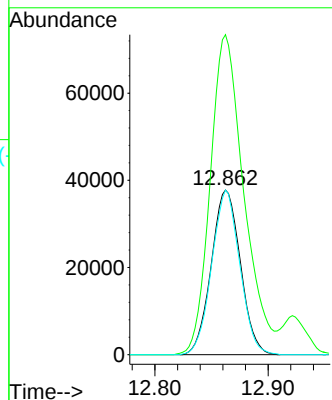
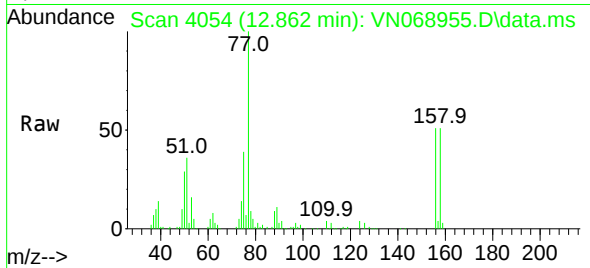




#77  
Bromobenzene  
Concen: 17.771 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

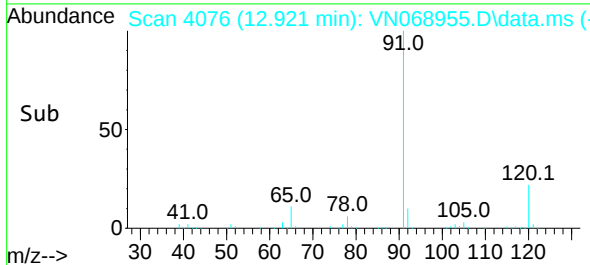
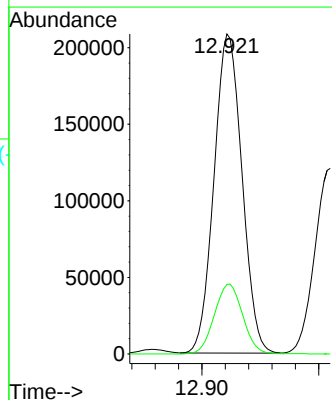
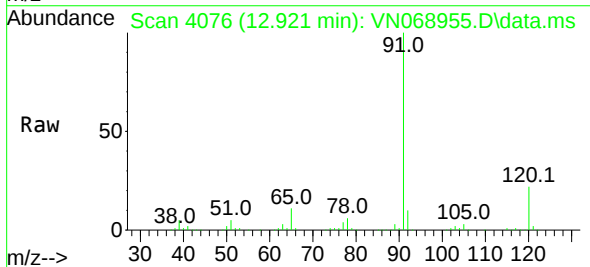
Instrument :  
MSVOA\_N  
ClientSampled :

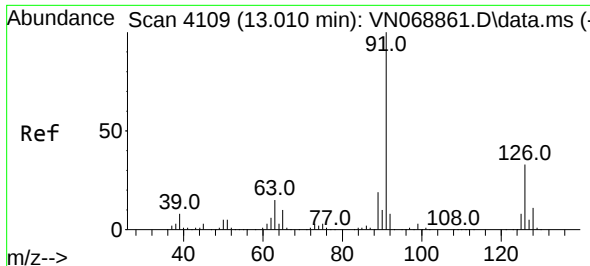
Tgt Ion:156 Resp: 67385  
Ion Ratio Lower Upper  
156 100  
77 223.1 111.8 335.3  
158 96.2 48.4 145.0



#78  
n-propylbenzene  
Concen: 17.960 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 91 Resp: 346099  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.4 34.1

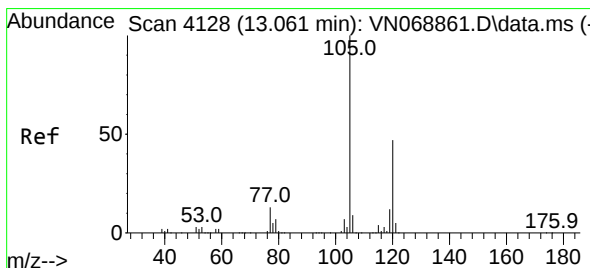
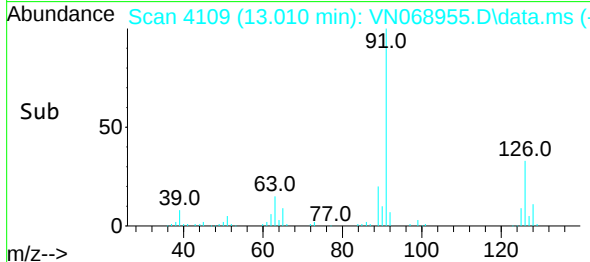
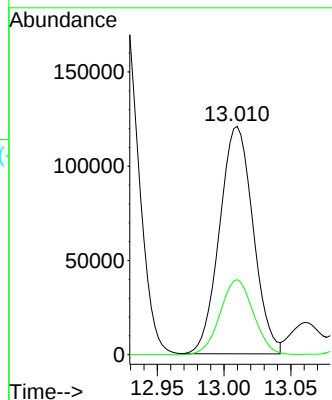
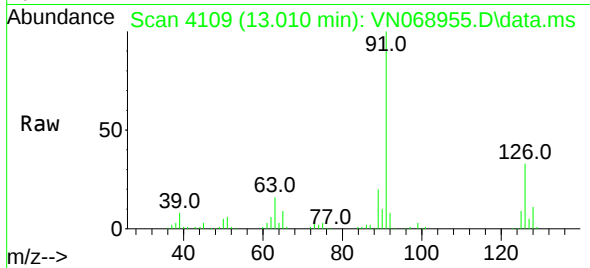




#79  
2-Chlorotoluene  
Concen: 17.821 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

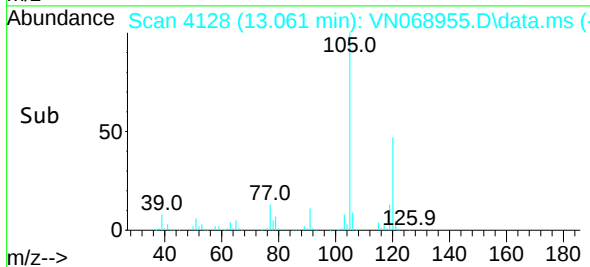
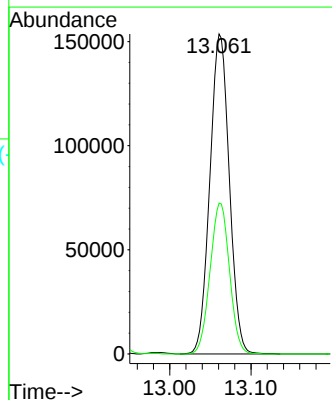
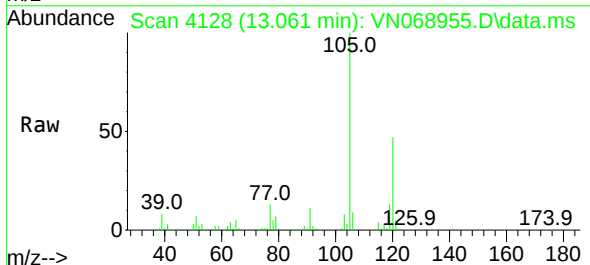
Instrument :  
MSVOA\_N  
ClientSampled :

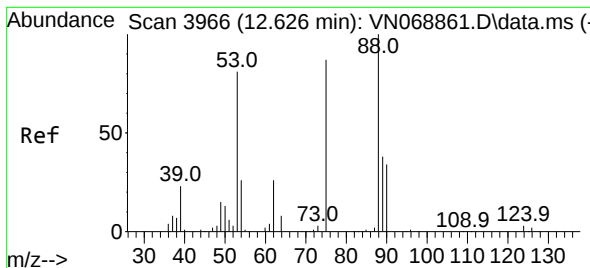
Tgt Ion: 91 Resp: 211679  
Ion Ratio Lower Upper  
91 100  
126 32.7 16.4 49.4



#80  
1,3,5-Trimethylbenzene  
Concen: 17.853 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 105 Resp: 254990  
Ion Ratio Lower Upper  
105 100  
120 47.0 23.4 70.2

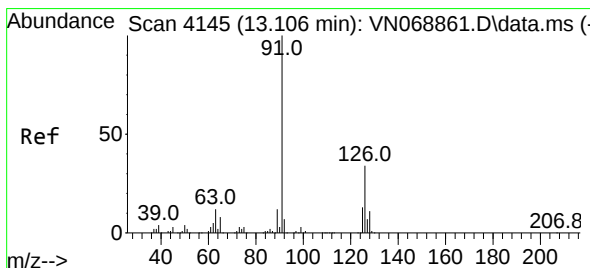
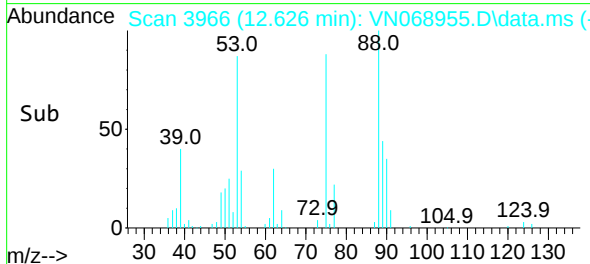
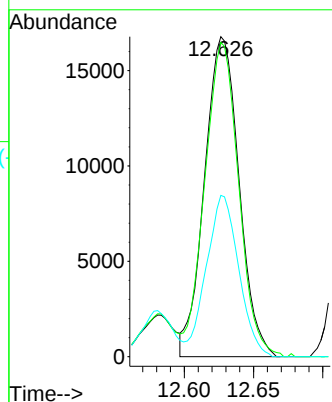
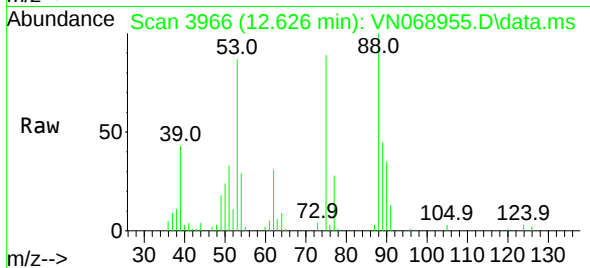




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.854 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

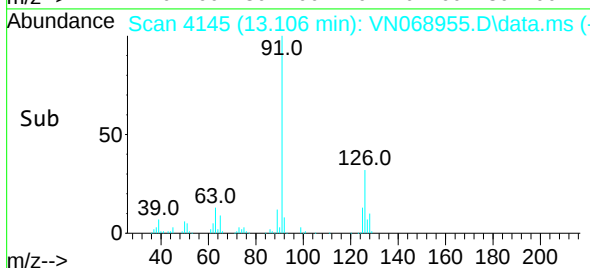
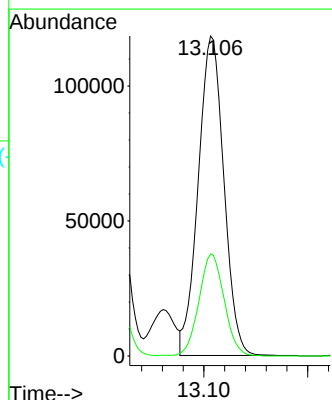
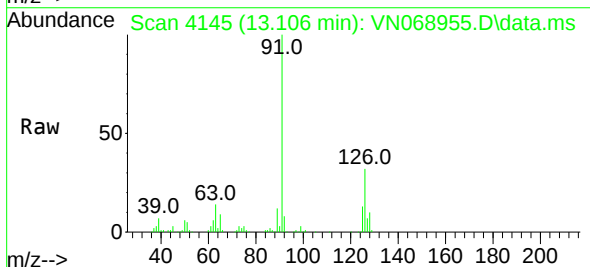
Instrument :  
MSVOA\_N  
ClientSampleId :

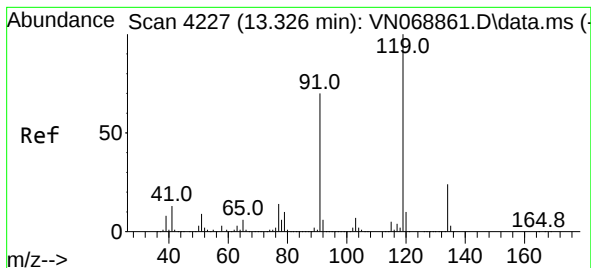
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 96.7  | 75.4  | 113.2 |
| 89      | 47.5  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 17.625 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.5  | 16.3  | 48.8  |

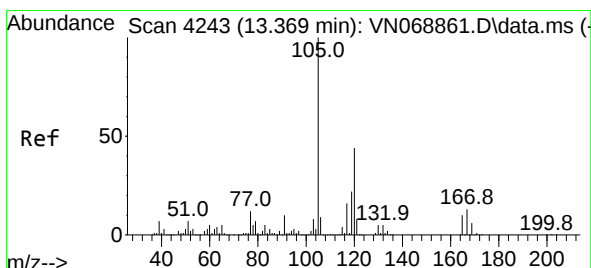
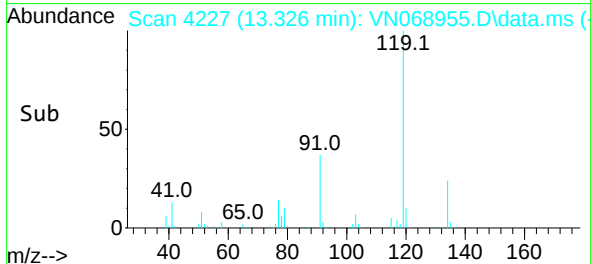
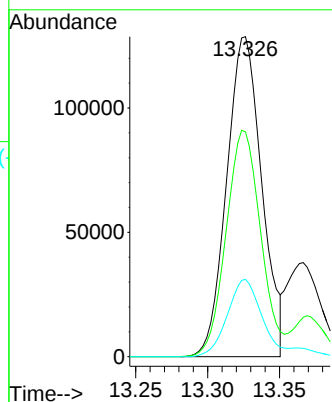
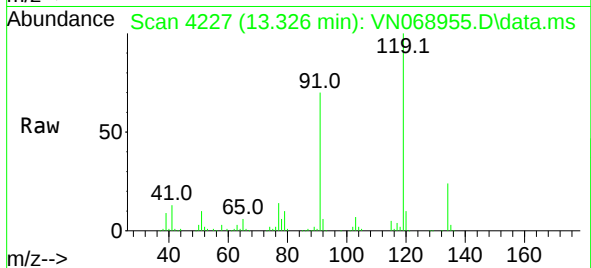




#83  
tert-Butylbenzene  
Concen: 17.596 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

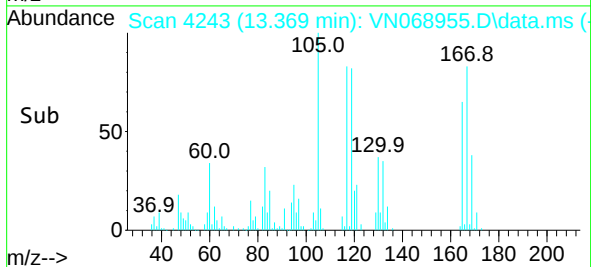
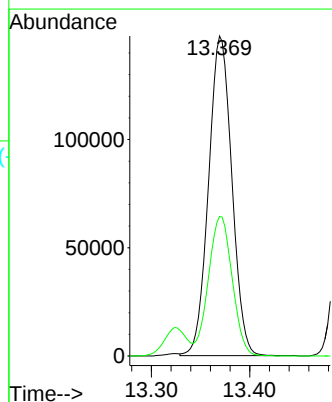
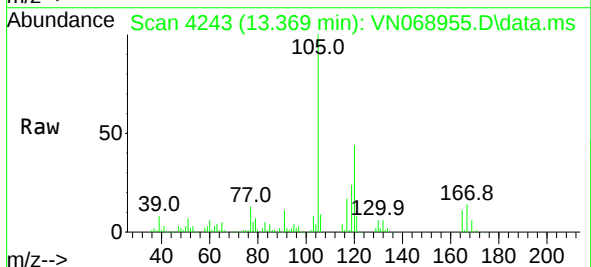
Instrument :  
MSVOA\_N  
ClientSampled :

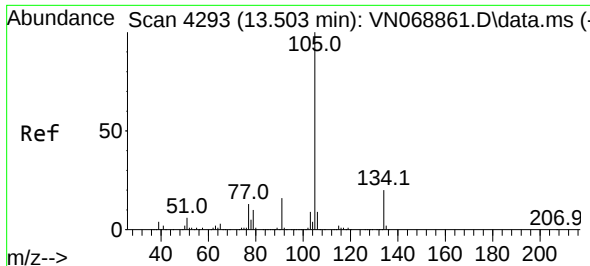
Tgt Ion:119 Resp: 218778  
Ion Ratio Lower Upper  
119 100  
91 69.7 34.6 103.9  
134 23.7 12.6 37.6



#84  
1,2,4-Trimethylbenzene  
Concen: 17.647 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:105 Resp: 242850  
Ion Ratio Lower Upper  
105 100  
120 44.6 21.9 65.5

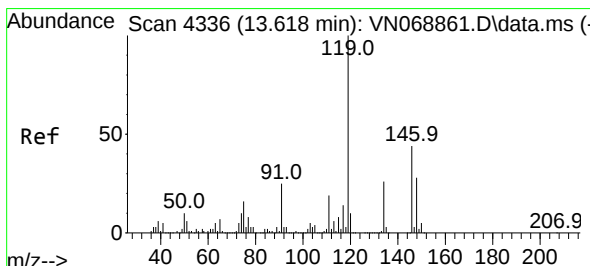
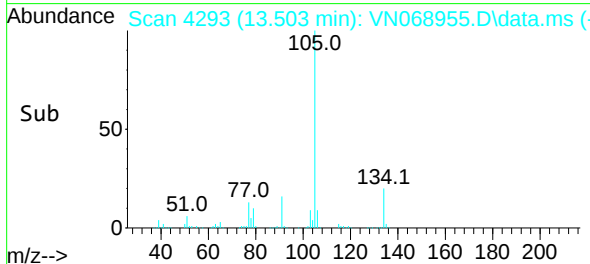
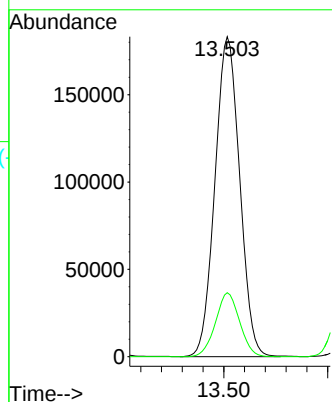
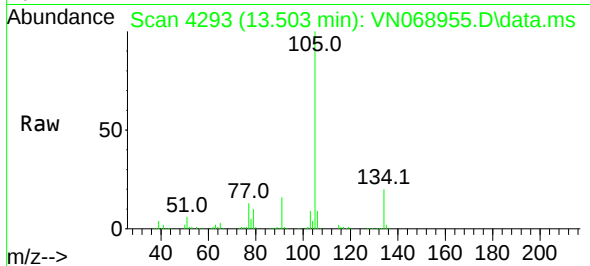




#85  
 sec-Butylbenzene  
 Concen: 17.586 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN068955.D  
 Acq: 15 Oct 2021 17:37

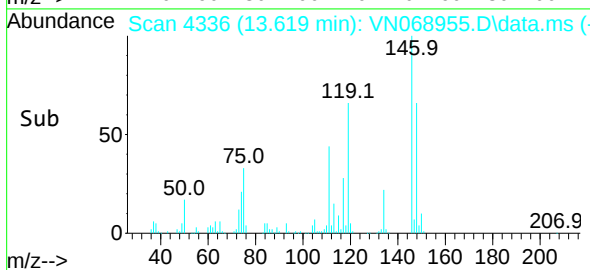
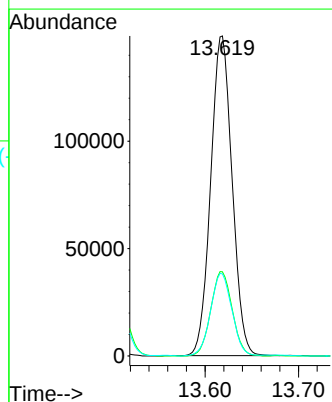
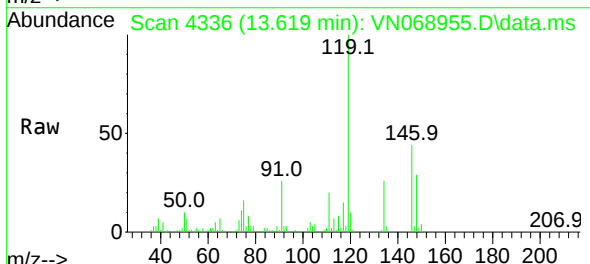
Instrument :  
 MSVOA\_N  
 ClientSampled :

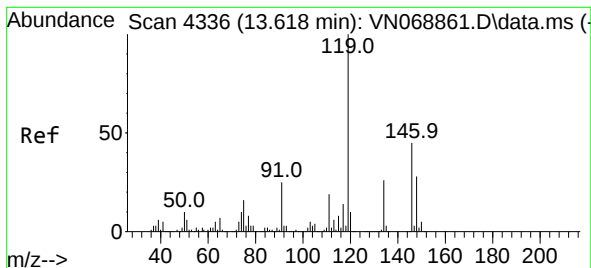
Tgt Ion:105 Resp: 302828  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 17.181 ug/l  
 RT: 13.619 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN068955.D  
 Acq: 15 Oct 2021 17:37

Tgt Ion:119 Resp: 237304  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 12.9 38.6  
 91 25.8 12.8 38.4



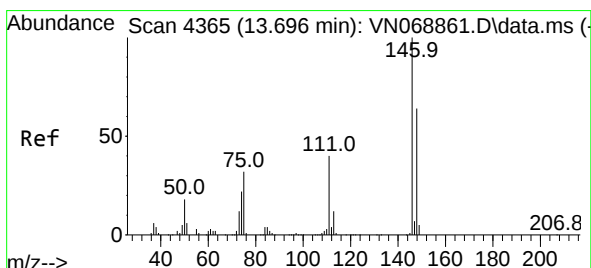
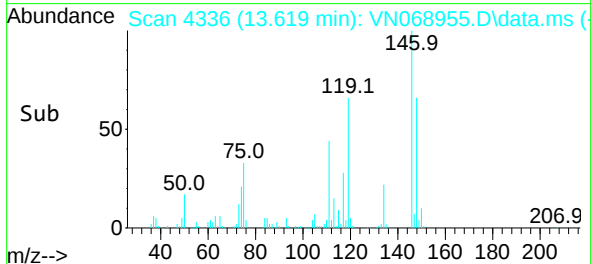
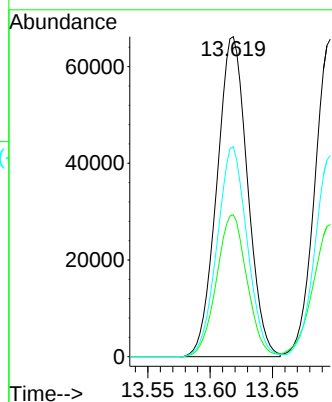
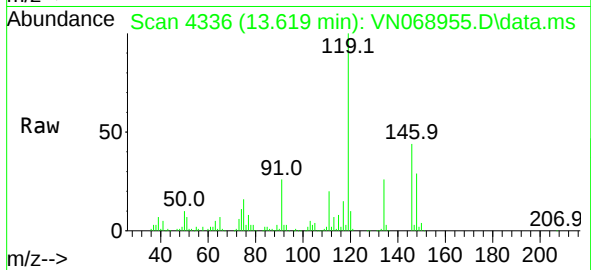


#87

1,3-Dichlorobenzene  
Concen: 17.218 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Instrument :  
MSVOA\_N  
ClientSampled :

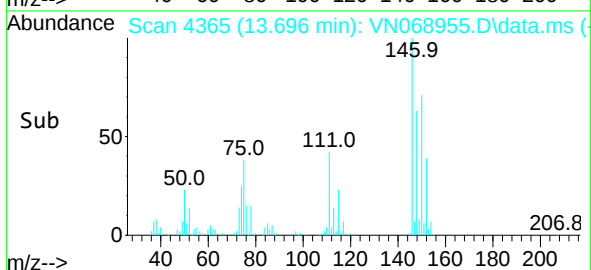
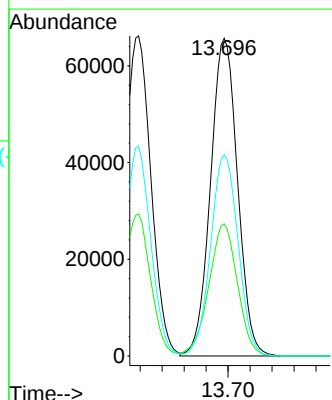
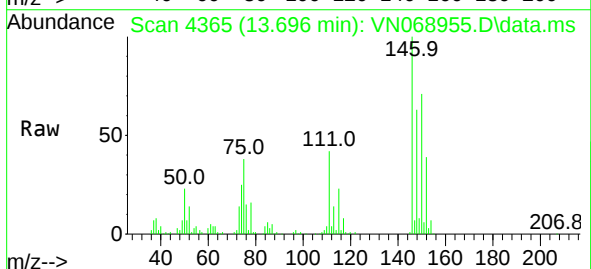
Tgt Ion:146 Resp: 112932  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.4 64.2  
148 64.6 32.0 96.2

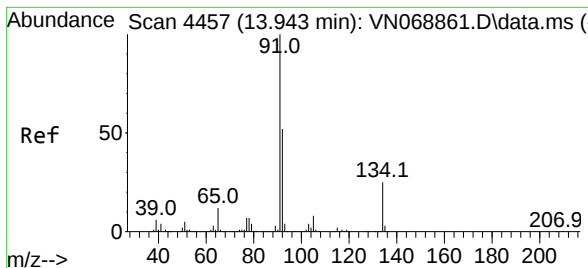


#88

1,4-Dichlorobenzene  
Concen: 17.245 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:146 Resp: 112259  
Ion Ratio Lower Upper  
146 100  
111 44.1 20.6 61.8  
148 64.5 32.1 96.5

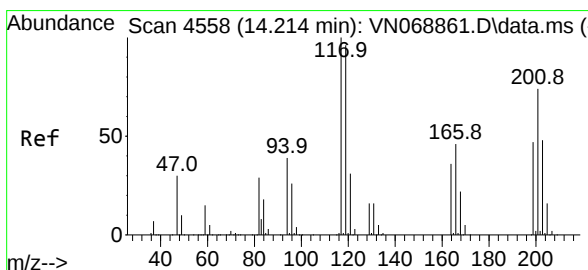
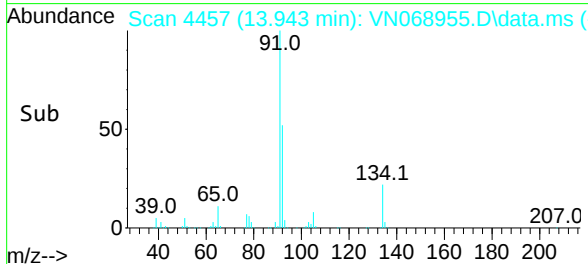
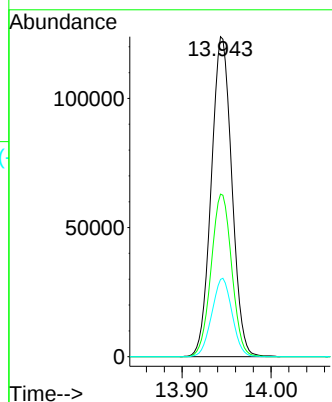
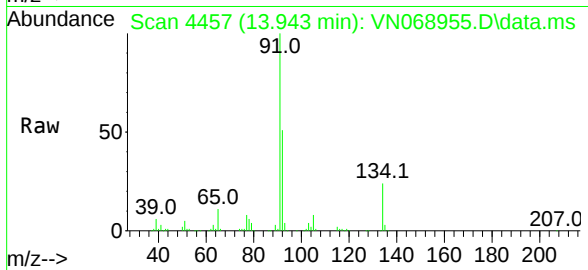




#89  
n-Butylbenzene  
Concen: 17.263 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

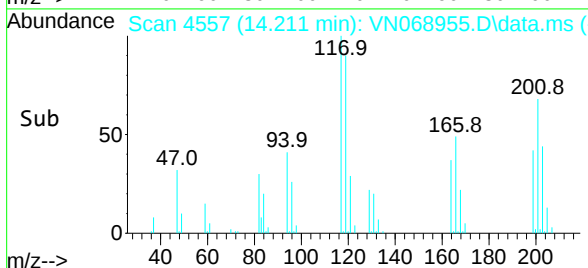
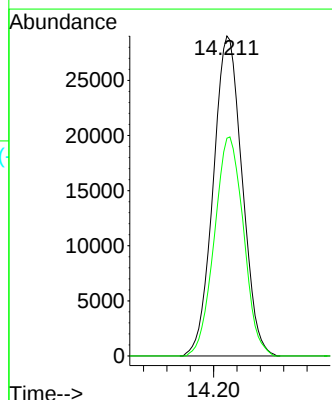
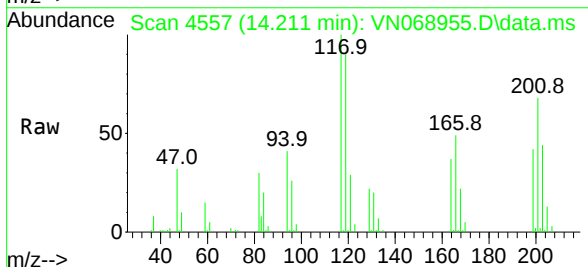
Instrument :  
MSVOA\_N  
ClientSampled :

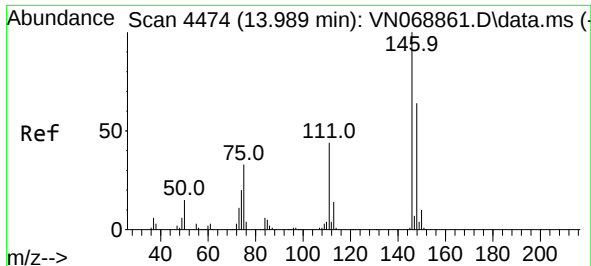
Tgt Ion: 91 Resp: 198487  
Ion Ratio Lower Upper  
91 100  
92 51.0 26.0 78.0  
134 24.2 12.5 37.5



#90  
Hexachloroethane  
Concen: 17.187 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. -0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 117 Resp: 49864  
Ion Ratio Lower Upper  
117 100  
201 69.1 37.1 111.5

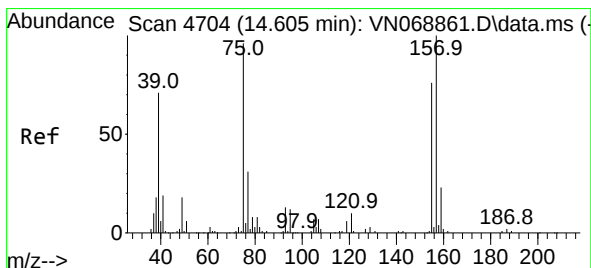
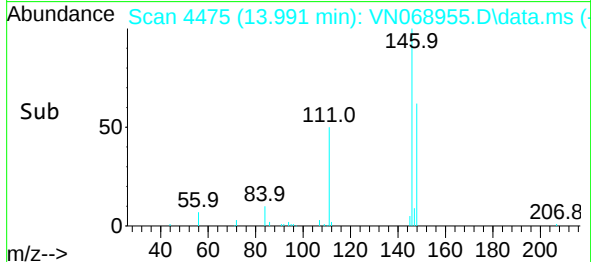
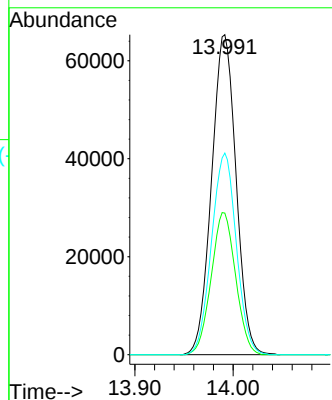
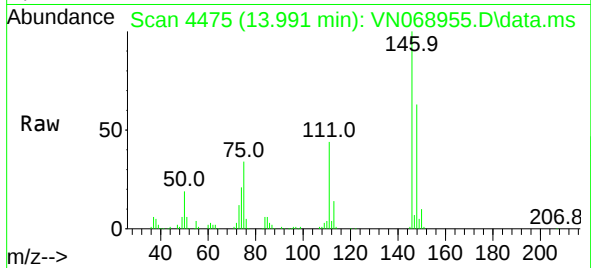




#91  
1,2-Dichlorobenzene  
Concen: 17.751 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

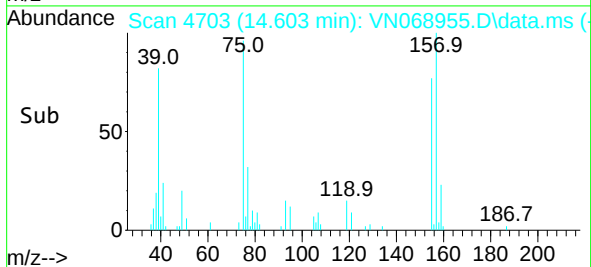
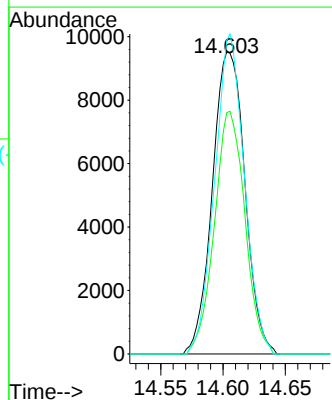
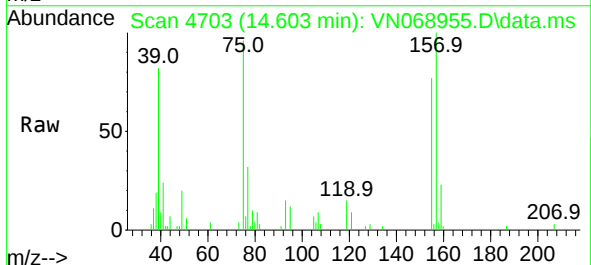
Instrument :  
MSVOA\_N  
ClientSampled :

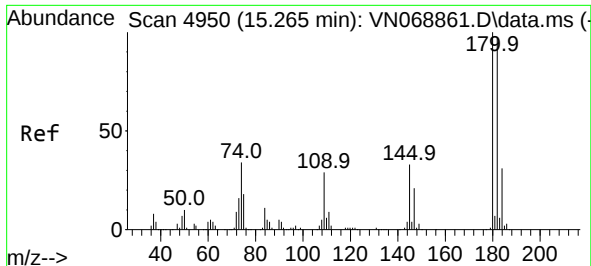
Tgt Ion:146 Resp: 113098  
Ion Ratio Lower Upper  
146 100  
111 44.2 22.0 66.0  
148 63.8 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.089 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. -0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion: 75 Resp: 17283  
Ion Ratio Lower Upper  
75 100  
155 75.4 38.8 116.4  
157 96.6 50.2 150.6

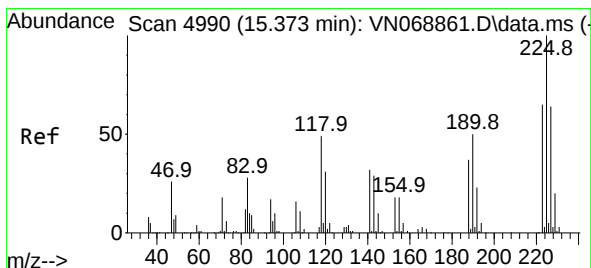
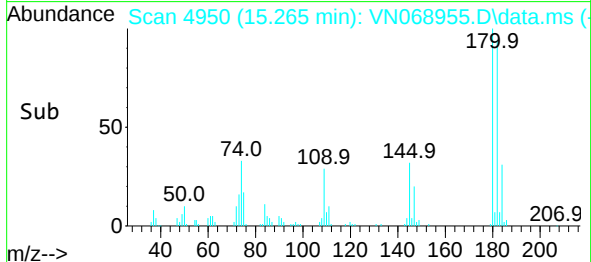
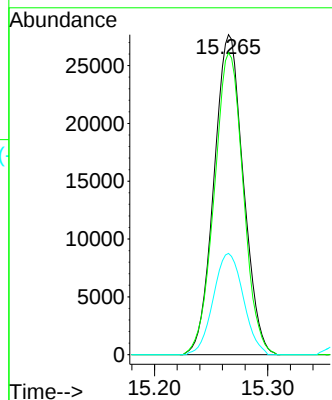
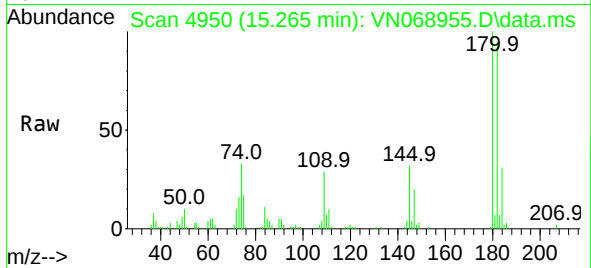




#93  
1,2,4-Trichlorobenzene  
Concen: 16.234 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

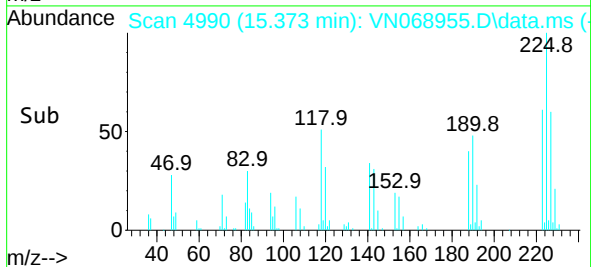
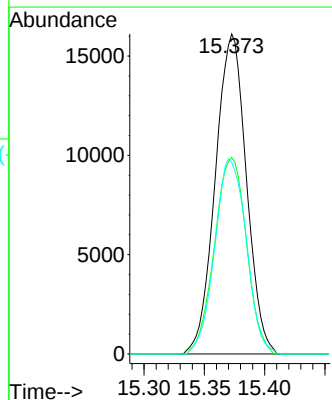
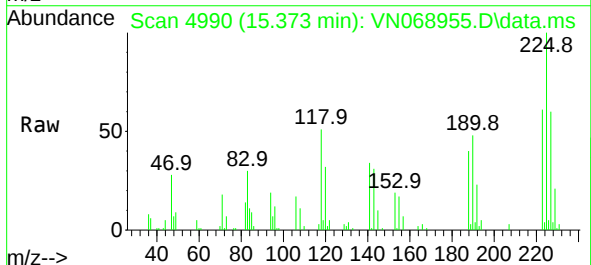
Instrument :  
MSVOA\_N  
ClientSampled :

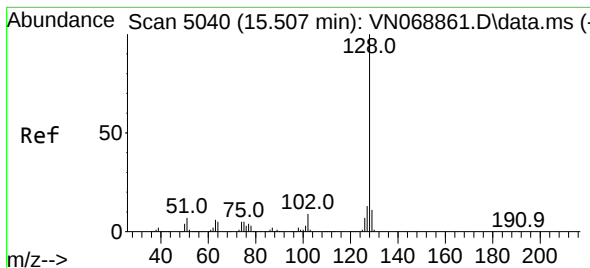
Tgt Ion:180 Resp: 49760  
Ion Ratio Lower Upper  
180 100  
182 93.2 47.9 143.7  
145 32.4 16.4 49.2



#94  
Hexachlorobutadiene  
Concen: 15.891 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. 0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:225 Resp: 28829  
Ion Ratio Lower Upper  
225 100  
223 63.2 31.5 94.5  
227 61.9 31.6 94.7

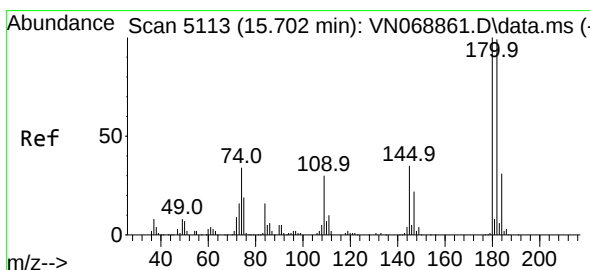
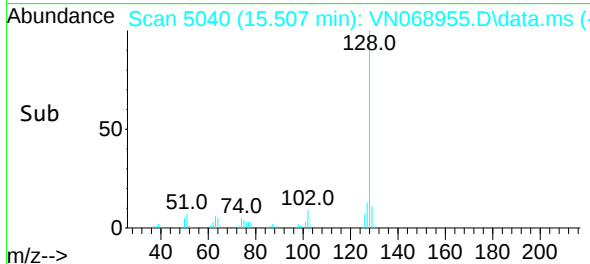
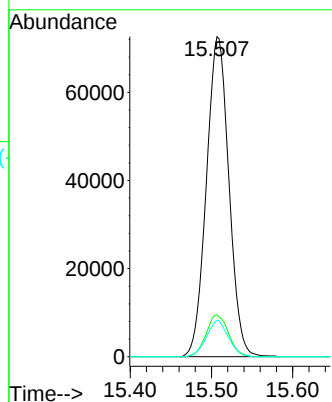
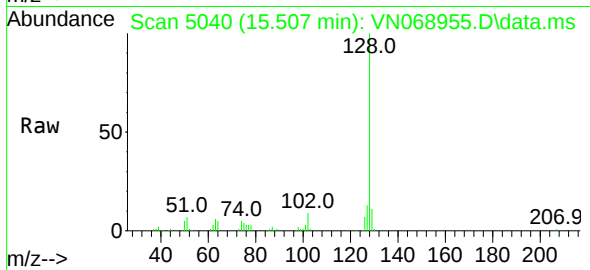




#95  
Naphthalene  
Concen: 17.303 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:128 Resp: 139630  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.5 15.7  
129 10.9 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 16.448 ug/l  
RT: 15.705 min Scan# 5114  
Delta R.T. 0.003 min  
Lab File: VN068955.D  
Acq: 15 Oct 2021 17:37

Tgt Ion:180 Resp: 48305  
Ion Ratio Lower Upper  
180 100  
182 95.4 48.1 144.3  
145 34.1 17.4 52.2

