

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072321\  
 Data File : VN067893.D  
 Acq On : 23 Jul 2021 20:33  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 24 01:44:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 07 16:18:53 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 346023   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 652588   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.747 | 117  | 625160   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 314534   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 282495   | 54.020   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 108.040% |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 213902   | 54.252   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 108.500% |      |
| 50) Toluene-d8              | 10.443 | 98    | 866491   | 52.504   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 105.000% |      |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 317280   | 54.422   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 108.840% |      |

|                              |       |     |         |         |      |      |
|------------------------------|-------|-----|---------|---------|------|------|
| Target Compounds             |       |     |         | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 2.070 | 85  | 145338  | 49.416  | ug/l | 98   |
| 3) Chloromethane             | 2.301 | 50  | 193164  | 41.467  | ug/l | 98   |
| 4) Vinyl Chloride            | 2.443 | 62  | 325380  | 46.282  | ug/l | 98   |
| 5) Bromomethane              | 2.826 | 94  | 272525  | 57.777  | ug/l | 97   |
| 6) Chloroethane              | 3.003 | 64  | 267994  | 58.191  | ug/l | 98   |
| 7) Trichlorofluoromethane    | 3.365 | 101 | 623426  | 58.916  | ug/l | 99   |
| 8) Diethyl Ether             | 3.821 | 74  | 115904  | 41.414  | ug/l | 90   |
| 9) 1,1,2-Trichlorotrifluo... | 4.199 | 101 | 175608  | 54.760  | ug/l | 96   |
| 10) Methyl Iodide            | 4.414 | 142 | 212049  | 55.508  | ug/l | 92   |
| 11) Tert butyl alcohol       | 5.390 | 59  | 179180  | 238.438 | ug/l | 99   |
| 12) 1,1-Dichloroethene       | 4.173 | 96  | 163859  | 53.257  | ug/l | 86   |
| 13) Acrolein                 | 4.039 | 56  | 105995  | 290.000 | ug/l | 99   |
| 14) Allyl chloride           | 4.835 | 41  | 287958  | 50.914  | ug/l | 96   |
| 15) Acrylonitrile            | 5.557 | 53  | 518978  | 278.439 | ug/l | 100  |
| 16) Acetone                  | 4.288 | 43  | 423163  | 257.164 | ug/l | 95   |
| 17) Carbon Disulfide         | 4.521 | 76  | 405157  | 47.539  | ug/l | 98   |
| 18) Methyl Acetate           | 4.857 | 43  | 260156  | 56.288  | ug/l | 93   |
| 19) Methyl tert-butyl Ether  | 5.618 | 73  | 694041  | 54.436  | ug/l | 99   |
| 20) Methylene Chloride       | 5.090 | 84  | 219621  | 57.274  | ug/l | 90   |
| 21) trans-1,2-Dichloroethene | 5.594 | 96  | 193170  | 53.103  | ug/l | 91   |
| 22) Diisopropyl ether        | 6.501 | 45  | 710934  | 55.394  | ug/l | 96   |
| 23) Vinyl Acetate            | 6.436 | 43  | 2985517 | 272.095 | ug/l | 96   |
| 24) 1,1-Dichloroethane       | 6.388 | 63  | 387969  | 54.226  | ug/l | 99   |
| 25) 2-Butanone               | 7.337 | 43  | 720670  | 263.749 | ug/l | 94   |
| 26) 2,2-Dichloropropane      | 7.327 | 77  | 293898  | 47.004  | ug/l | 94   |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 246872  | 54.231  | ug/l | 85   |
| 28) Bromochloromethane       | 7.657 | 49  | 175759  | 50.343  | ug/l | # 78 |
| 29) Tetrahydrofuran          | 7.689 | 42  | 478029  | 266.033 | ug/l | 91   |
| 30) Chloroform               | 7.817 | 83  | 443854  | 55.230  | ug/l | 98   |
| 31) Cyclohexane              | 8.094 | 56  | 332810  | 45.388  | ug/l | 93   |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 385484  | 55.317  | ug/l | 98   |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 306960  | 50.638  | ug/l | 95   |
| 37) Ethyl Acetate            | 7.415 | 43  | 298919  | 50.893  | ug/l | 98   |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 328084  | 54.869  | ug/l | 98   |
| 39) Methylcyclohexane        | 9.462 | 83  | 334056  | 50.338  | ug/l | 91   |
| 40) Benzene                  | 8.461 | 78  | 952182  | 52.476  | ug/l | 99   |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 24 01:44:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 07 16:18:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.640  | 41   | 150433   | 49.834  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 352447   | 52.304  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.566  | 43   | 546327   | 52.878  | ug/l   | 97       |
| 44) Trichloroethene           | 9.217  | 130  | 235089   | 51.051  | ug/l   | 86       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 245541   | 53.447  | ug/l   | 99       |
| 46) Dibromomethane            | 9.580  | 93   | 177177   | 54.353  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.765  | 83   | 351101   | 55.094  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.563  | 41   | 235158   | 51.461  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 83244    | 918.338 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 1704805  | 268.587 | ug/l   | 95       |
| 52) Toluene                   | 10.507 | 92   | 643089   | 54.104  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 369245   | 48.672  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 382902   | 54.028  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 255275   | 56.041  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 390101   | 55.588  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.047 | 76   | 421138   | 53.917  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.044 | 63   | 424800   | 228.561 | ug/l   | 92       |
| 59) 2-Hexanone                | 11.089 | 43   | 1224231  | 276.318 | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.240 | 129  | 272942   | 48.878  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.350 | 107  | 258373   | 55.558  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.980 | 164  | 189837   | 43.019  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.773 | 112  | 682063   | 53.121  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.846 | 131  | 260301   | 57.635  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.848 | 91   | 1254911  | 53.687  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.956 | 106  | 977718   | 110.593 | ug/l   | 86       |
| 69) o-Xylene                  | 12.283 | 106  | 477287   | 54.911  | ug/l   | 89       |
| 70) Styrene                   | 12.296 | 104  | 818804   | 58.889  | ug/l   | 93       |
| 71) Bromoform                 | 12.460 | 173  | 182055   | 45.733  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.581 | 105  | 1253495  | 49.393  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.390 | 43   | 475560   | 51.653  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 392328   | 53.267  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 471410   | 73.390  | ug/l # | 100      |
| 77) Bromobenzene              | 12.862 | 156  | 284725   | 50.691  | ug/l   | 77       |
| 78) n-propylbenzene           | 12.924 | 91   | 1434332  | 49.972  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 867190   | 50.008  | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 1071163  | 52.092  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 104471   | 52.438  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 873096   | 50.881  | ug/l   | 91       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 885184   | 50.477  | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 1071675  | 53.189  | ug/l   | 93       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 1248566  | 51.445  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.619 | 119  | 1036788  | 52.938  | ug/l   | 93       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 552915   | 53.063  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 540652   | 50.678  | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.946 | 91   | 828590   | 49.325  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.211 | 117  | 176642   | 54.306  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 511916   | 50.895  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 63104    | 49.330  | ug/l   | 71       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 209727   | 40.561  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.373 | 225  | 100465   | 47.534  | ug/l   | 99       |
| 95) Naphthalene               | 15.509 | 128  | 596625   | 39.420  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 198618   | 40.097  | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

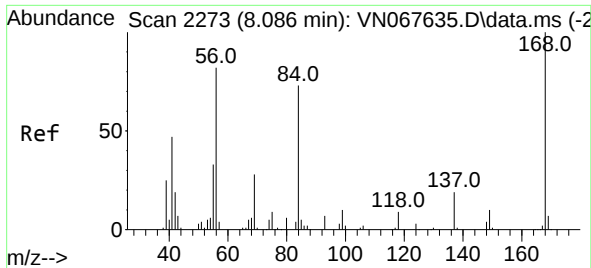
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jul 24 01:44:15 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 07 16:18:53 2021  
Response via : Initial Calibration

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

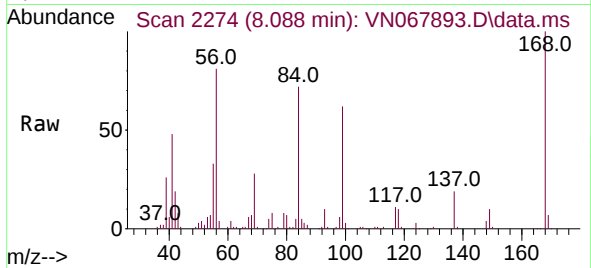
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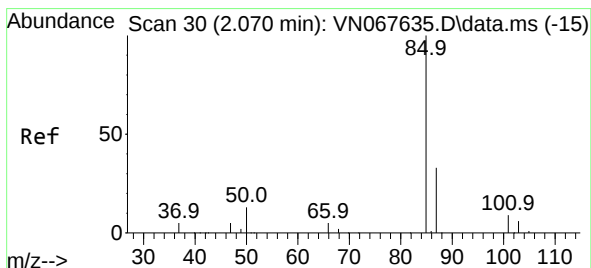
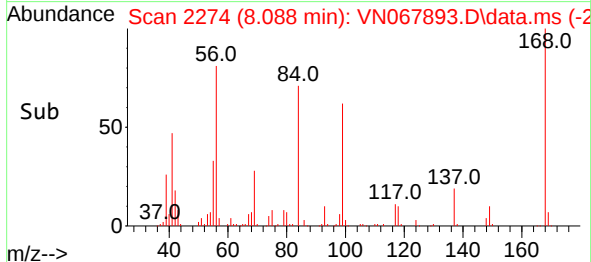
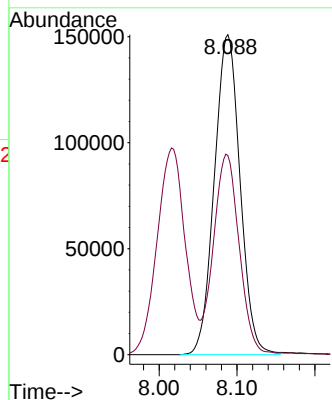


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Instrument :  
MSVOA\_N  
ClientSampled :

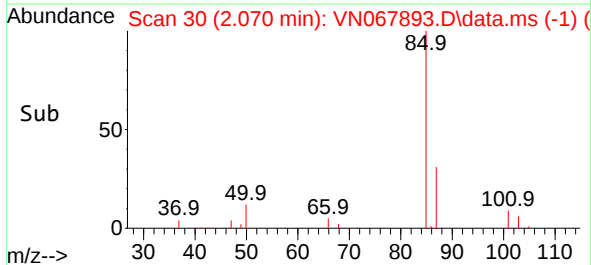
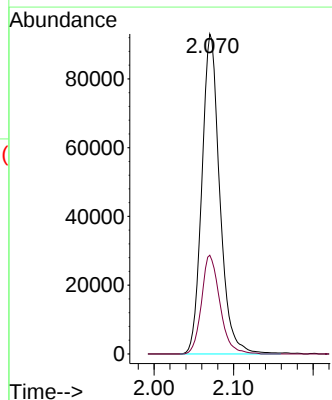
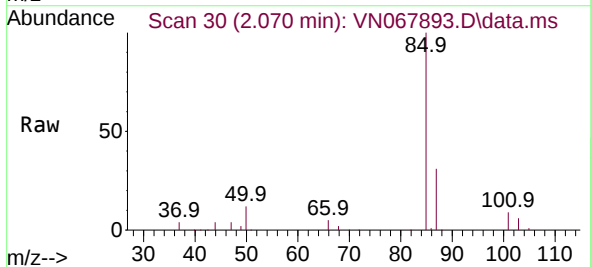


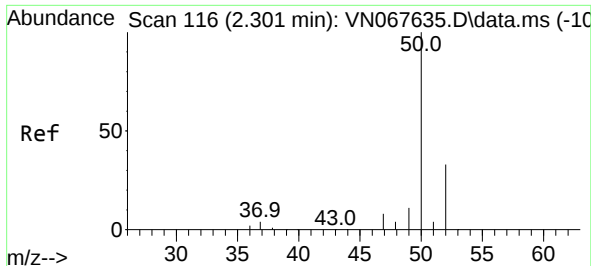
Tgt Ion:168 Resp: 346023  
Ion Ratio Lower Upper  
168 100  
99 61.7 62.9 94.3#



#2  
Dichlorodifluoromethane  
Concen: 49.416 ug/l  
RT: 2.070 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 85 Resp: 145338  
Ion Ratio Lower Upper  
85 100  
87 30.8 16.1 48.2

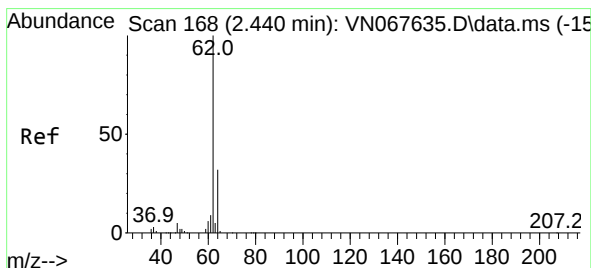
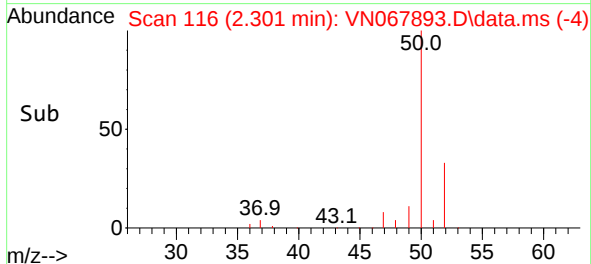
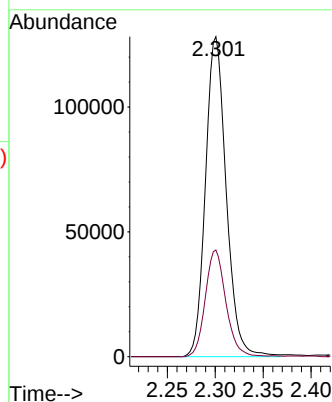
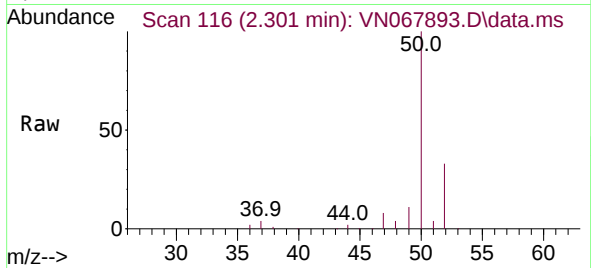




#3  
Chloromethane  
Concen: 41.467 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

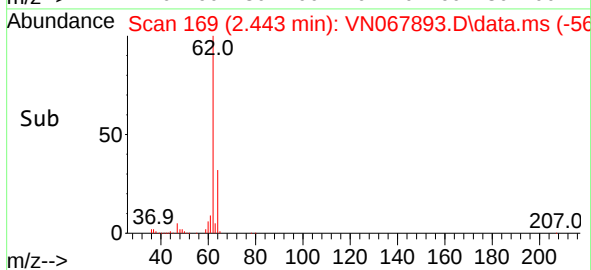
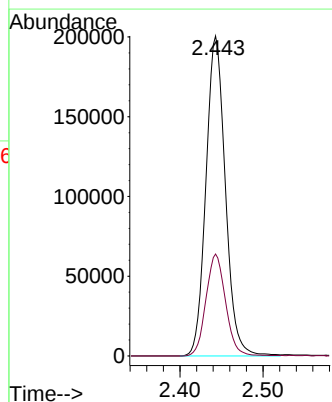
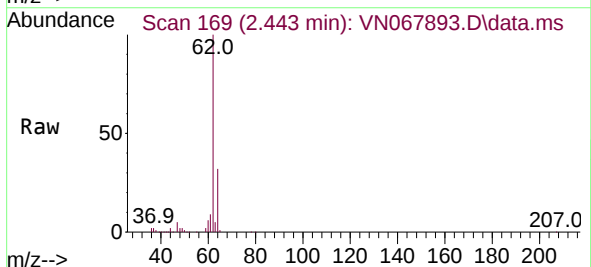
Instrument :  
MSVOA\_N  
ClientSampled :

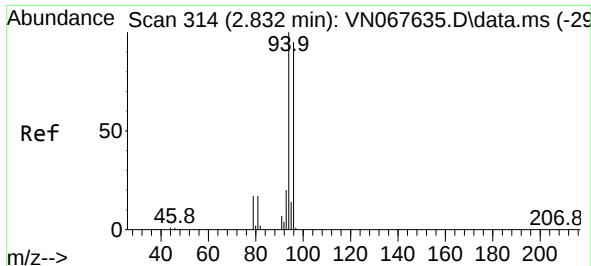
Tgt Ion: 50 Resp: 193164  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.6 38.4



#4  
Vinyl Chloride  
Concen: 46.282 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

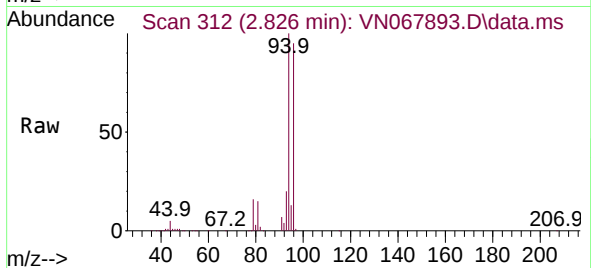
Tgt Ion: 62 Resp: 325380  
Ion Ratio Lower Upper  
62 100  
64 31.8 24.4 36.6



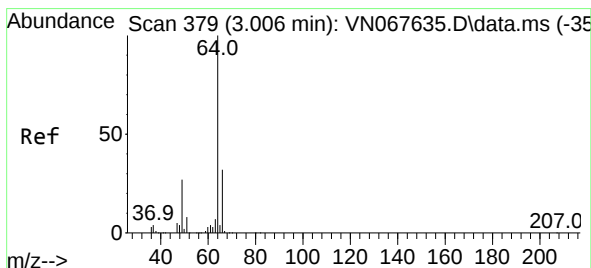
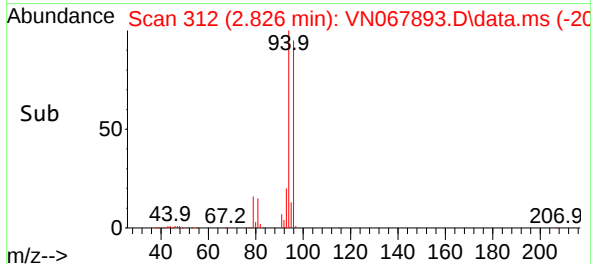
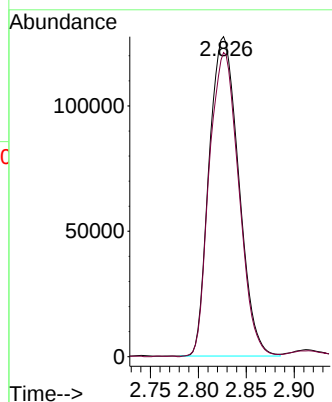


#5  
Bromomethane  
Concen: 57.777 ug/l  
RT: 2.826 min Scan# 312  
Delta R.T. -0.006 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Instrument :  
MSVOA\_N  
ClientSampled :

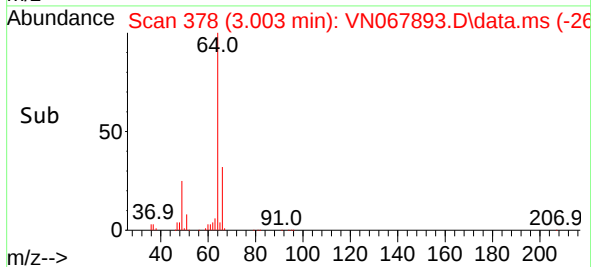
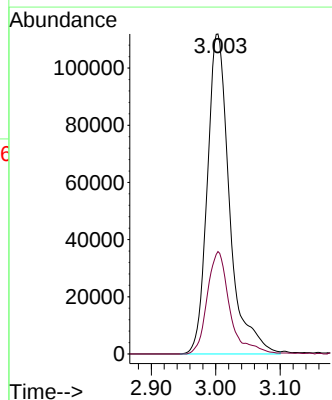
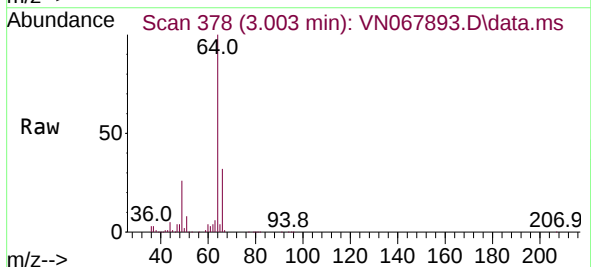


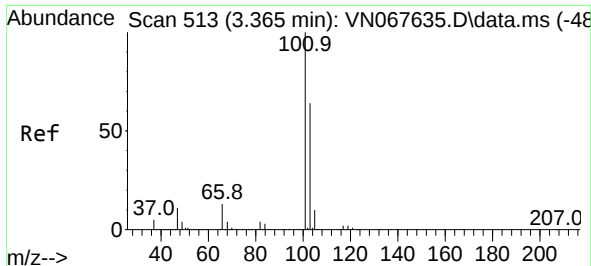
Tgt Ion: 94 Resp: 272525  
Ion Ratio Lower Upper  
94 100  
96 95.2 73.7 110.5



#6  
Chloroethane  
Concen: 58.191 ug/l  
RT: 3.003 min Scan# 378  
Delta R.T. -0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 64 Resp: 267994  
Ion Ratio Lower Upper  
64 100  
66 32.0 24.7 37.1

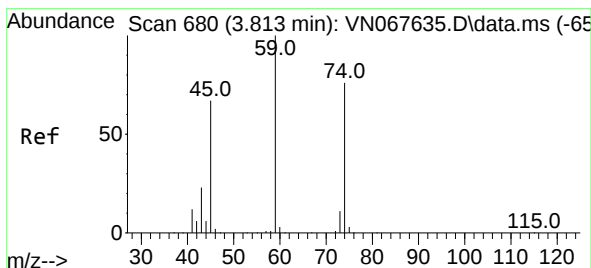
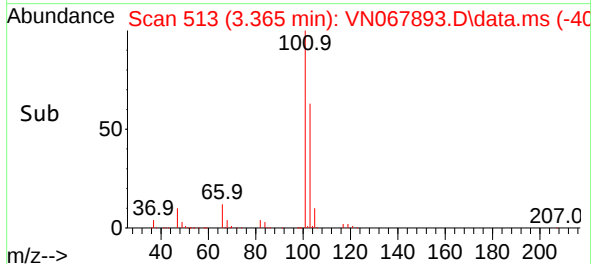
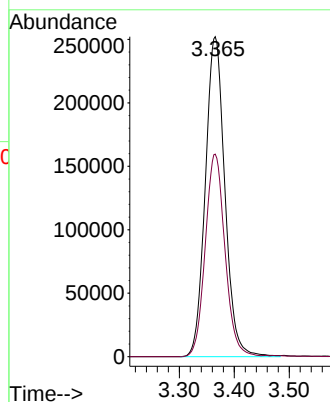
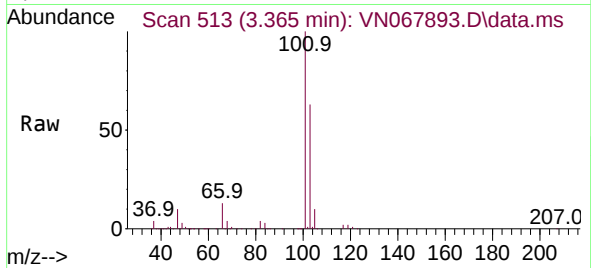




#7  
Trichlorofluoromethane  
Concen: 58.916 ug/l  
RT: 3.365 min Scan# 513  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

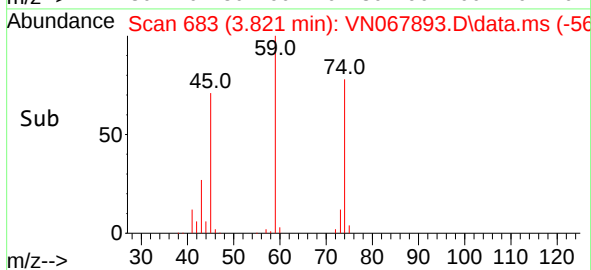
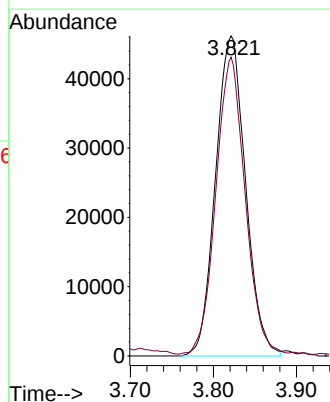
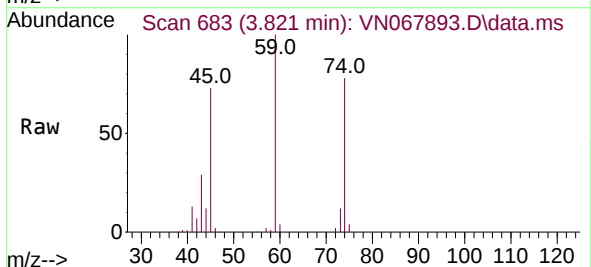
Instrument :  
MSVOA\_N  
ClientSampled :

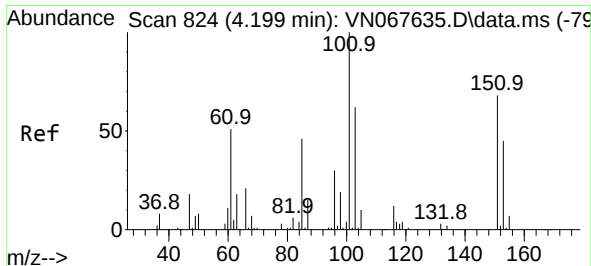
Tgt Ion:101 Resp: 623426  
Ion Ratio Lower Upper  
101 100  
103 63.3 51.2 76.8



#8  
Diethyl Ether  
Concen: 41.414 ug/l  
RT: 3.821 min Scan# 683  
Delta R.T. 0.008 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 74 Resp: 115904  
Ion Ratio Lower Upper  
74 100  
45 90.1 50.2 150.7

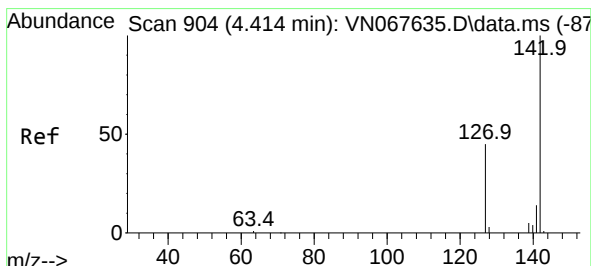
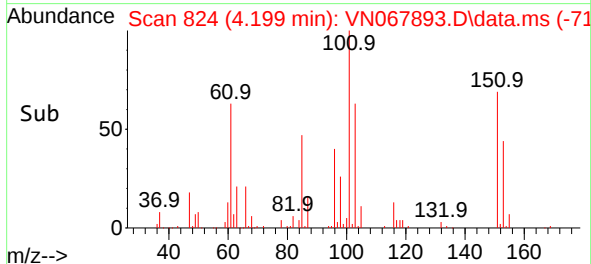
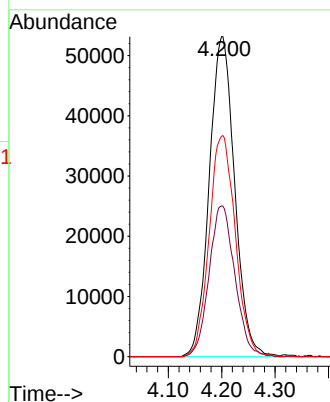
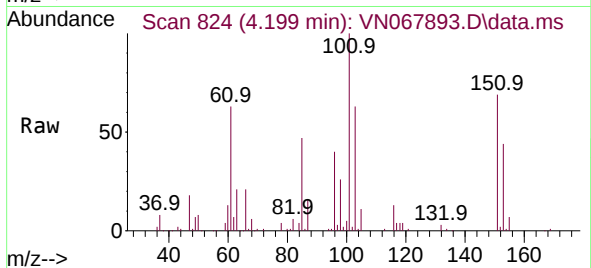




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 54.760 ug/l  
RT: 4.199 min Scan# 824  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

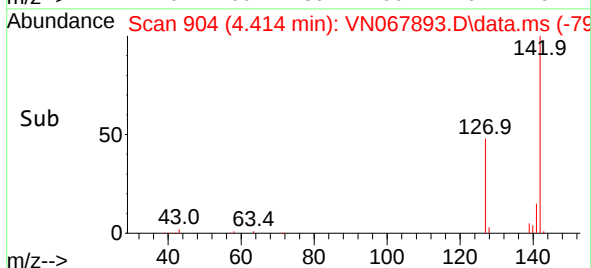
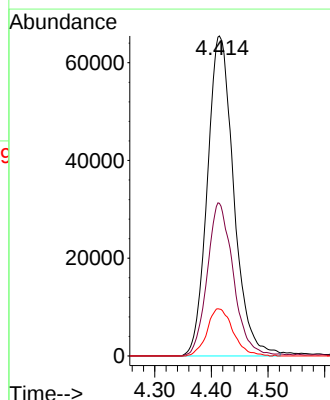
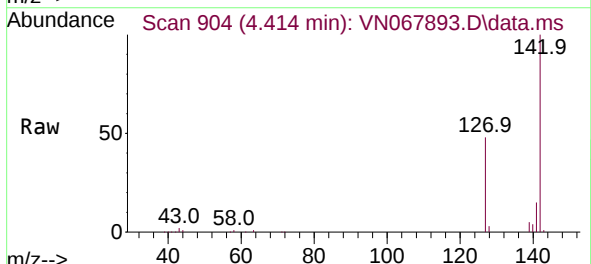
Instrument :  
MSVOA\_N  
ClientSampled :

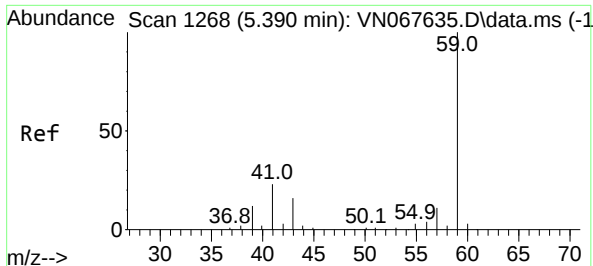
Tgt Ion:101 Resp: 175608  
Ion Ratio Lower Upper  
101 100  
85 47.8 39.6 59.4  
151 71.3 54.1 81.1



#10  
Methyl Iodide  
Concen: 55.508 ug/l  
RT: 4.414 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:142 Resp: 212049  
Ion Ratio Lower Upper  
142 100  
127 47.2 43.1 64.7  
141 14.6 11.4 17.0

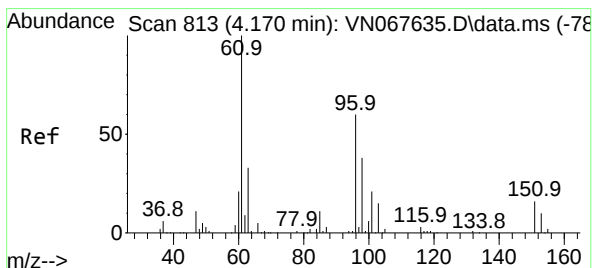
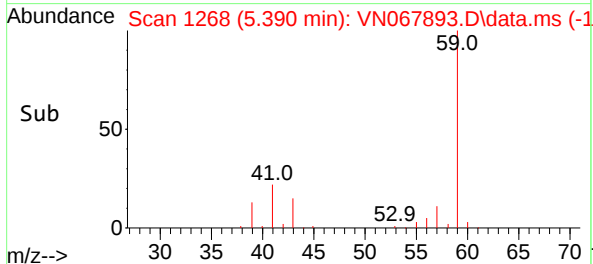
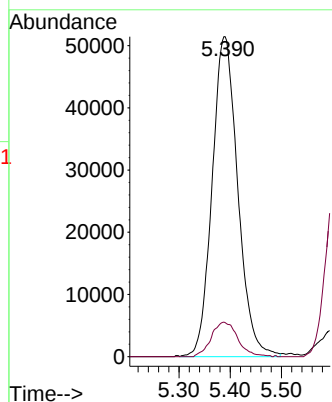
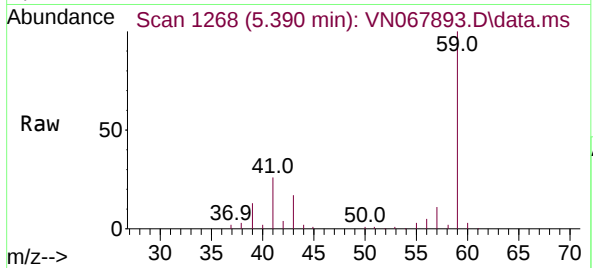




#11  
Tert butyl alcohol  
Concen: 238.438 ug/l  
RT: 5.390 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

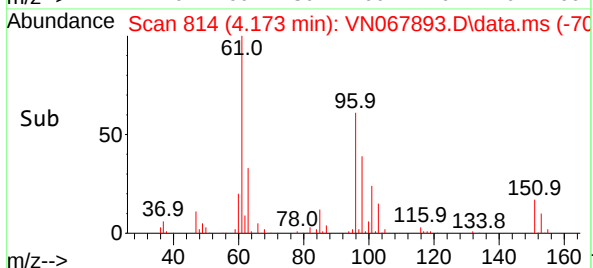
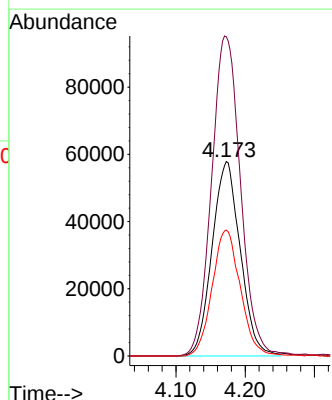
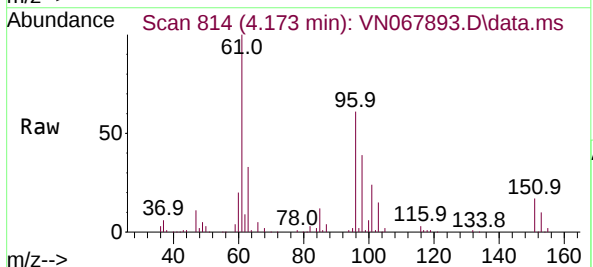
Instrument :  
MSVOA\_N  
ClientSampled :

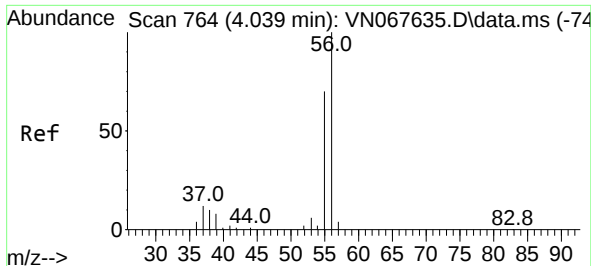
Tgt Ion: 59 Resp: 179180  
Ion Ratio Lower Upper  
59 100  
57 11.2 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 53.257 ug/l  
RT: 4.173 min Scan# 814  
Delta R.T. 0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 96 Resp: 163859  
Ion Ratio Lower Upper  
96 100  
61 163.8 152.6 229.0  
98 64.7 50.9 76.3

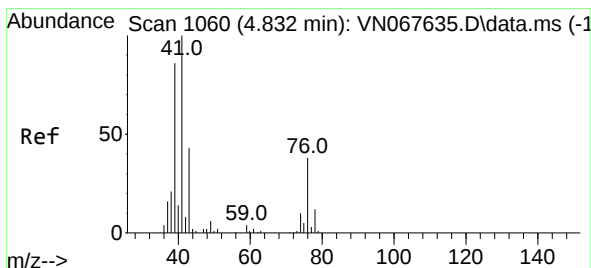
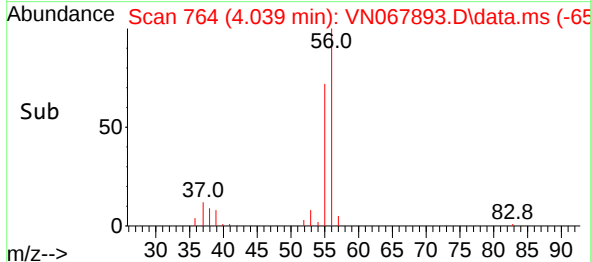
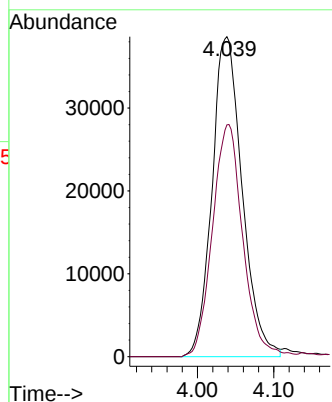
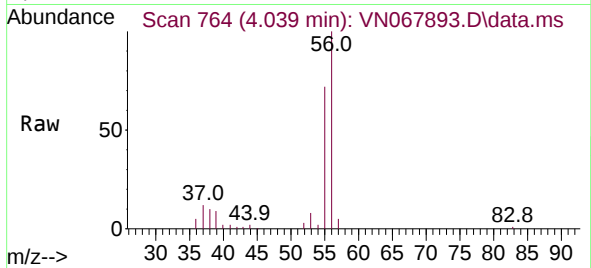




#13  
Acrolein  
Concen: 290.000 ug/l  
RT: 4.039 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

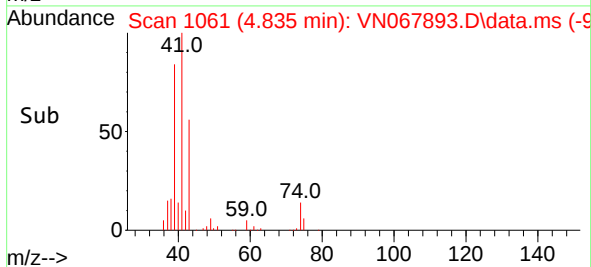
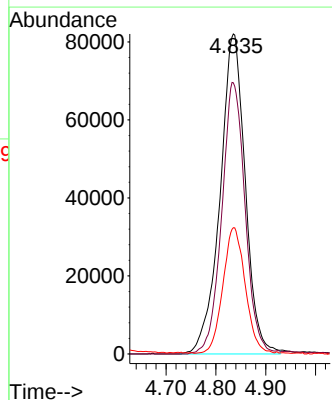
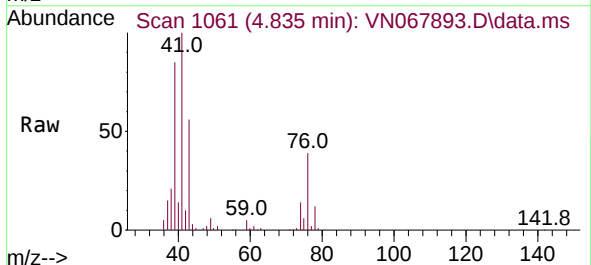
Instrument :  
MSVOA\_N  
ClientSampleId :

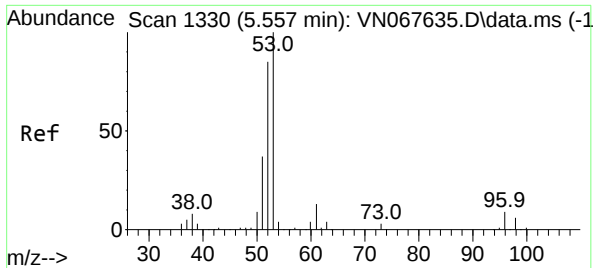
Tgt Ion: 56 Resp: 105995  
Ion Ratio Lower Upper  
56 100  
55 72.6 57.4 86.0



#14  
Allyl chloride  
Concen: 50.914 ug/l  
RT: 4.835 min Scan# 1061  
Delta R.T. 0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 41 Resp: 287958  
Ion Ratio Lower Upper  
41 100  
39 78.6 60.9 91.3  
76 34.7 24.3 36.5

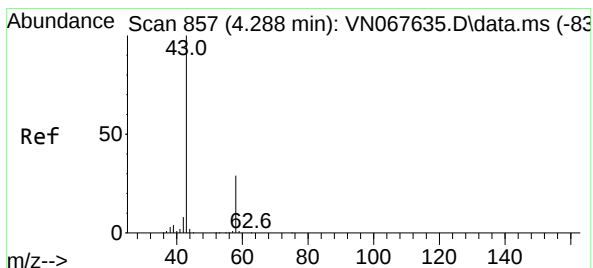
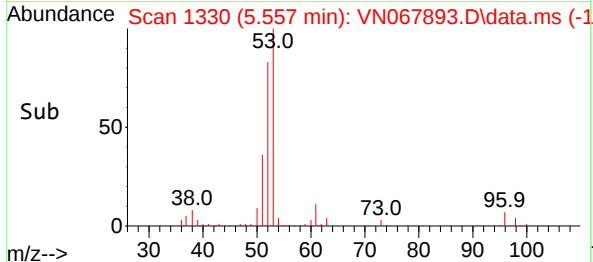
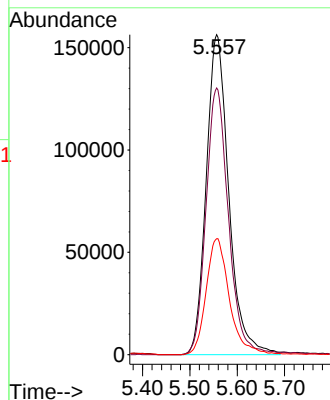
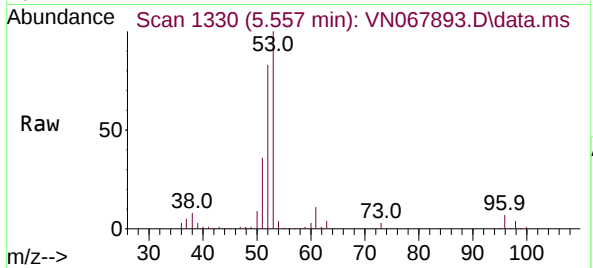




#15  
Acrylonitrile  
Concen: 278.439 ug/l  
RT: 5.557 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

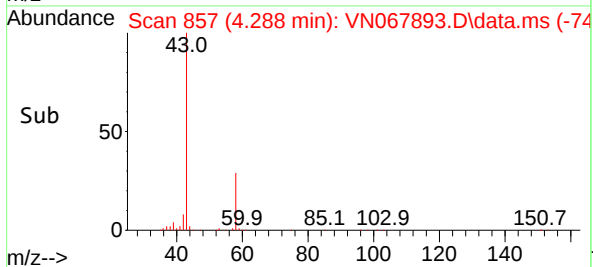
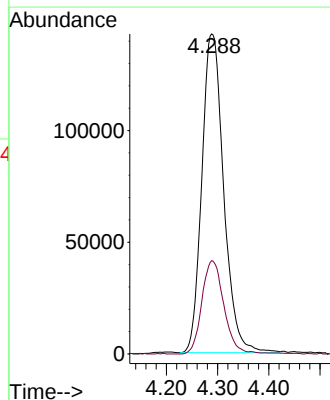
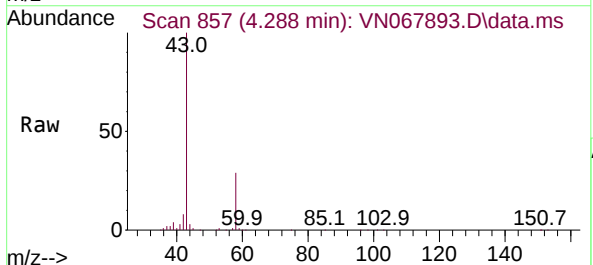
Instrument :  
MSVOA\_N  
ClientSampleId :

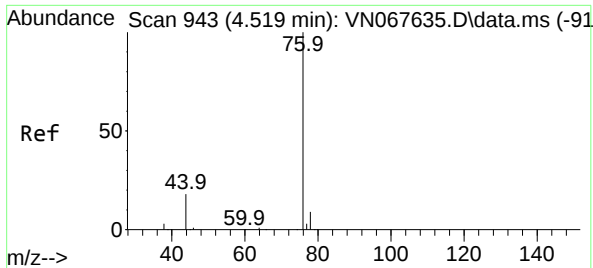
Tgt Ion: 53 Resp: 518978  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.2 99.2  
51 37.3 30.2 45.4



#16  
Acetone  
Concen: 257.164 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 43 Resp: 423163  
Ion Ratio Lower Upper  
43 100  
58 29.2 21.2 31.8

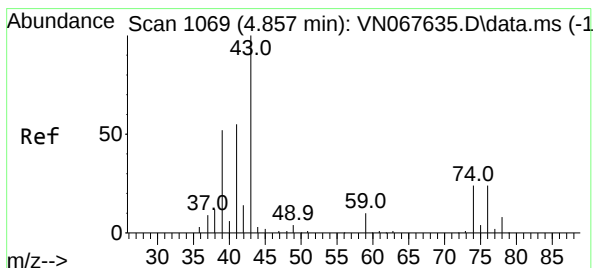
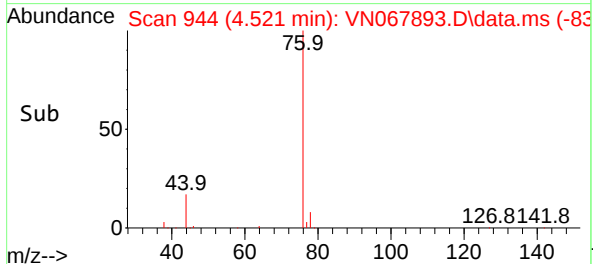
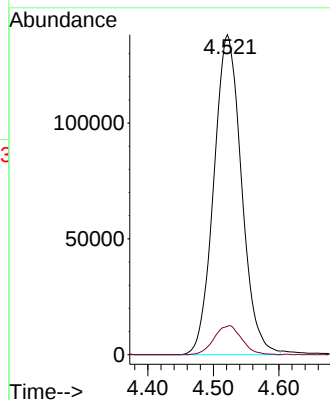
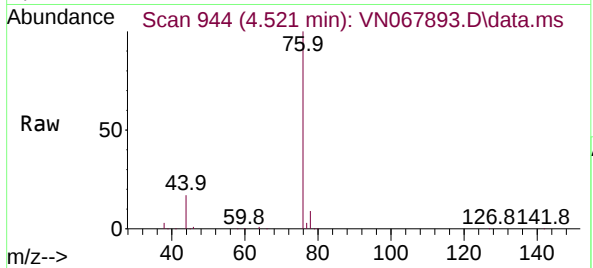




#17  
Carbon Disulfide  
Concen: 47.539 ug/l  
RT: 4.521 min Scan# 944  
Delta R.T. 0.002 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

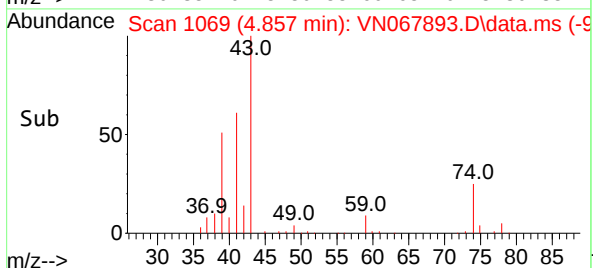
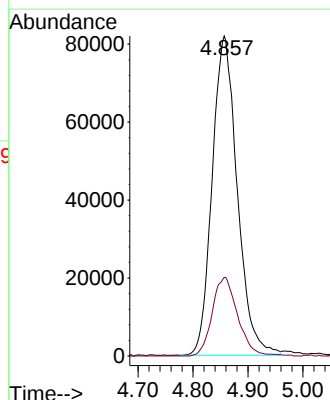
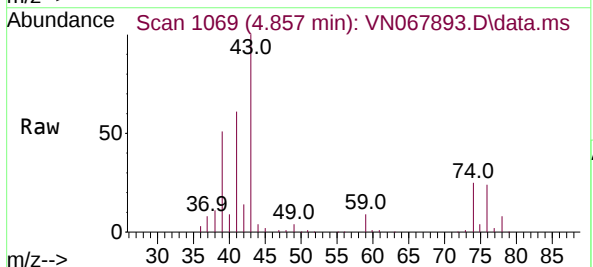
Instrument :  
MSVOA\_N  
ClientSampled :

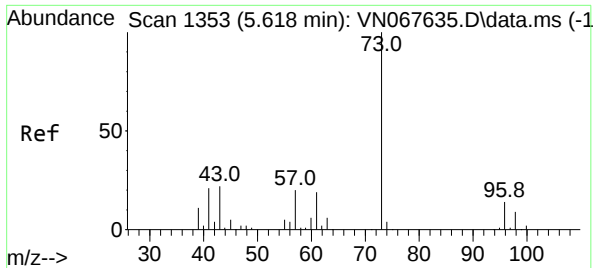
Tgt Ion: 76 Resp: 405157  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.7 11.5



#18  
Methyl Acetate  
Concen: 56.288 ug/l  
RT: 4.857 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 43 Resp: 260156  
Ion Ratio Lower Upper  
43 100  
74 24.9 17.4 26.0

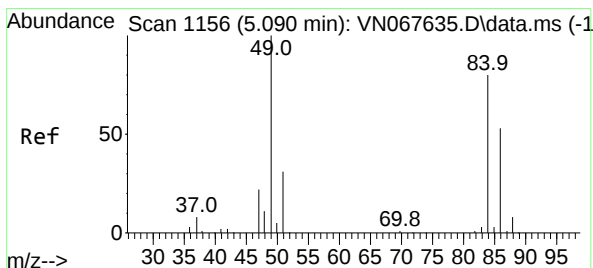
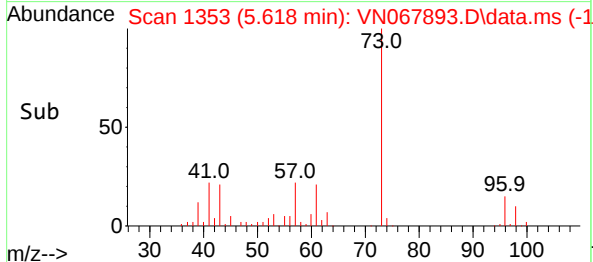
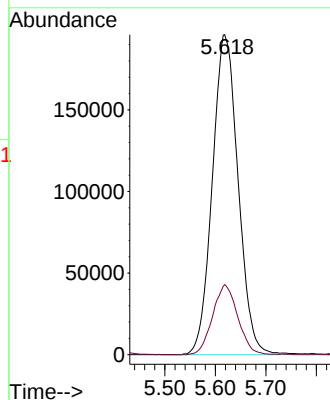
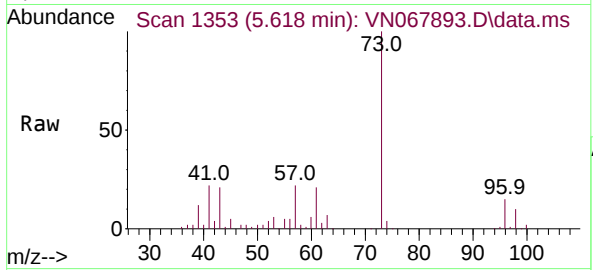




#19  
Methyl tert-butyl Ether  
Concen: 54.436 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

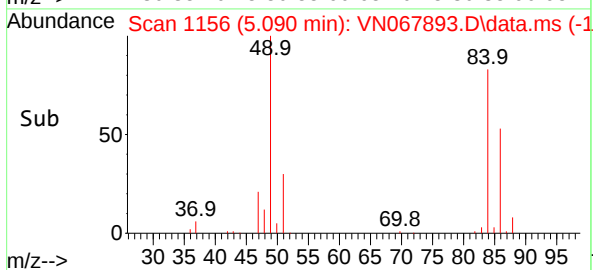
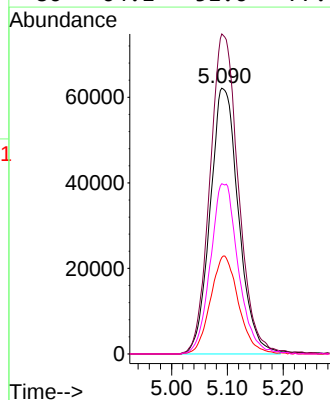
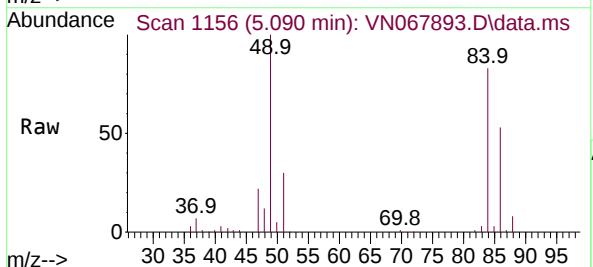
Instrument :  
MSVOA\_N  
ClientSampled :

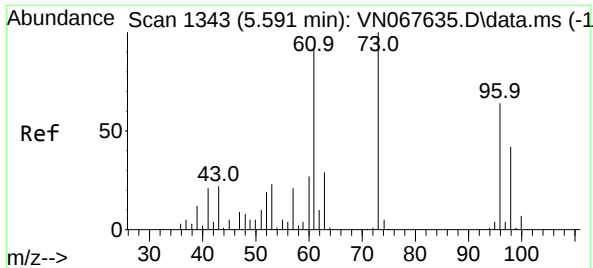
Tgt Ion: 73 Resp: 694041  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.0 25.6



#20  
Methylene Chloride  
Concen: 57.274 ug/l  
RT: 5.090 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 84 Resp: 219621  
Ion Ratio Lower Upper  
84 100  
49 120.4 110.9 166.3  
51 36.3 32.6 49.0  
86 64.1 51.6 77.4

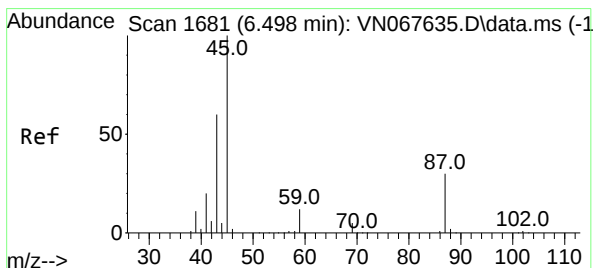
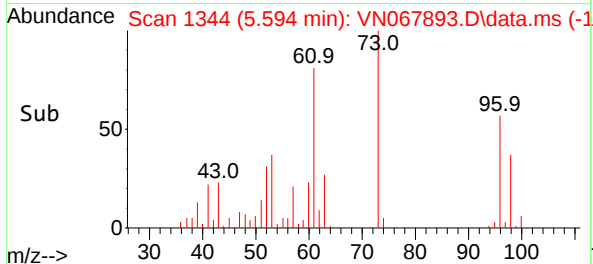
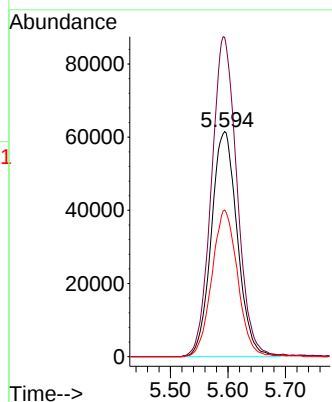
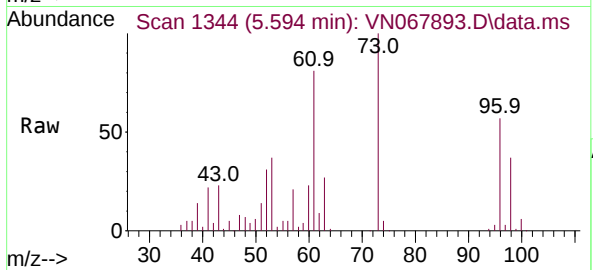




#21  
trans-1,2-Dichloroethene  
Concen: 53.103 ug/l  
RT: 5.594 min Scan# 1344  
Delta R.T. 0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

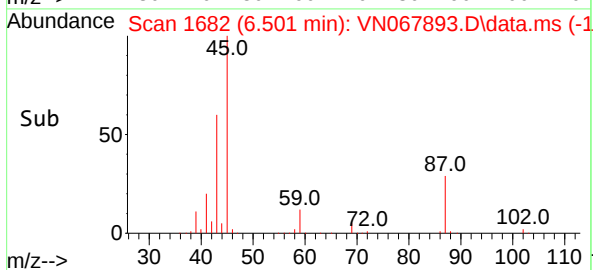
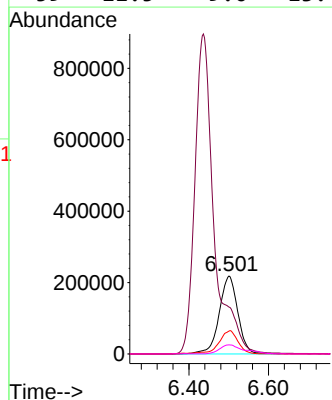
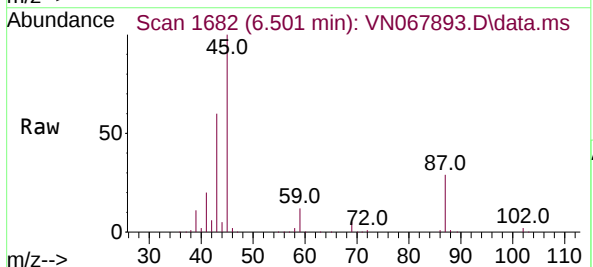
Instrument :  
MSVOA\_N  
ClientSampled :

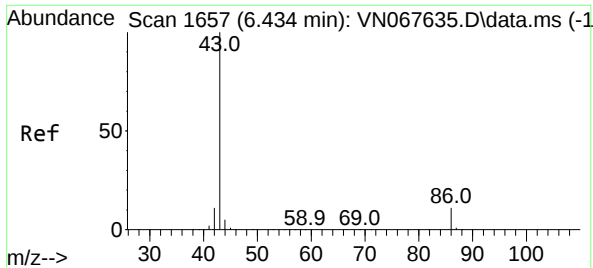
Tgt Ion: 96 Resp: 193170  
Ion Ratio Lower Upper  
96 100  
61 141.8 123.5 185.3  
98 65.1 48.6 72.8



#22  
Diisopropyl ether  
Concen: 55.394 ug/l  
RT: 6.501 min Scan# 1682  
Delta R.T. 0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 45 Resp: 710934  
Ion Ratio Lower Upper  
45 100  
43 59.1 49.4 74.2  
87 29.3 20.9 31.3  
59 11.5 9.0 13.4

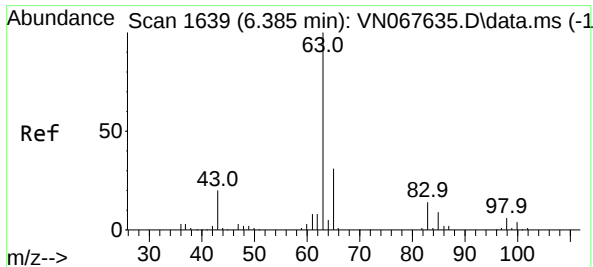
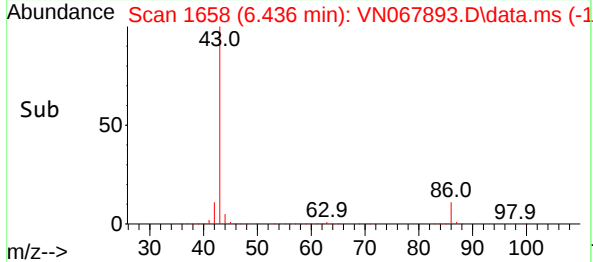
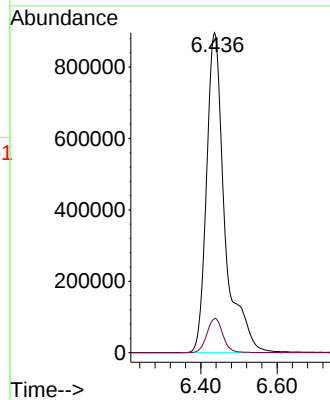
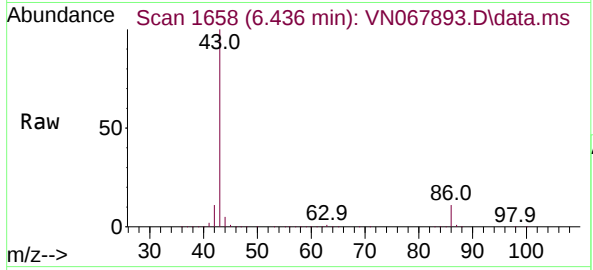




#23  
 Vinyl Acetate  
 Concen: 272.095 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.002 min  
 Lab File: VN067893.D  
 Acq: 23 Jul 2021 20:33

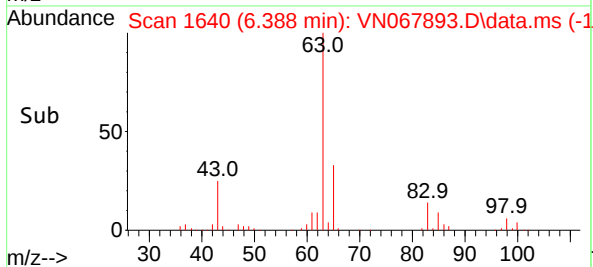
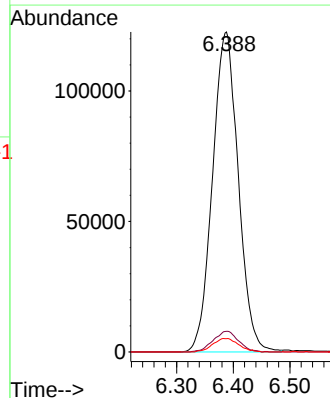
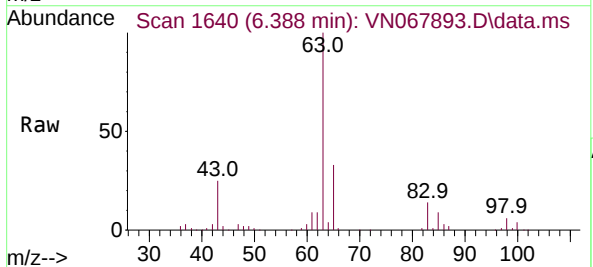
Instrument :  
 MSVOA\_N  
 ClientSampled :

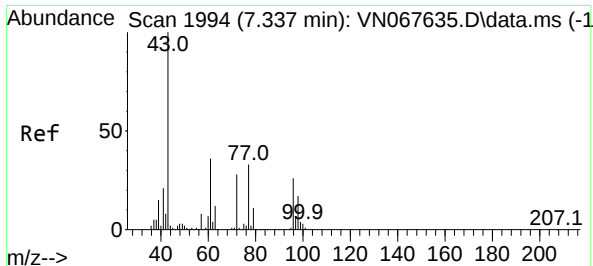
Tgt Ion: 43 Resp: 2985517  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 54.226 ug/l  
 RT: 6.388 min Scan# 1640  
 Delta R.T. 0.003 min  
 Lab File: VN067893.D  
 Acq: 23 Jul 2021 20:33

Tgt Ion: 63 Resp: 387969  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.0 9.0  
 100 4.2 1.9 5.7

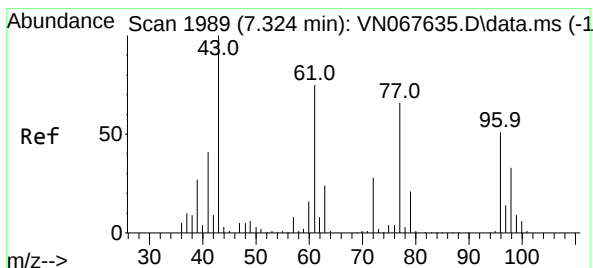
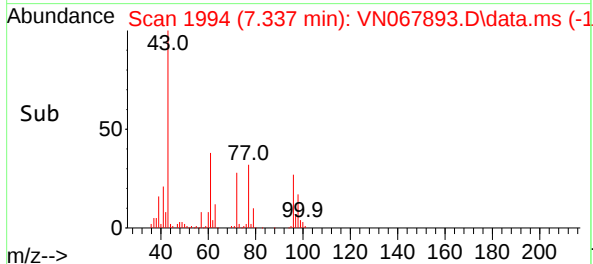
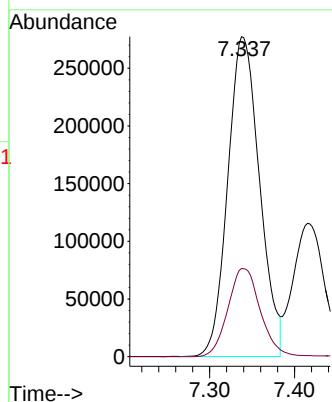
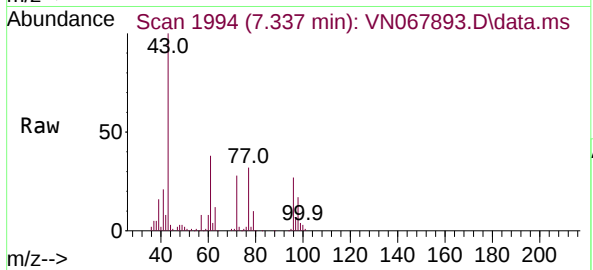




#25  
2-Butanone  
Concen: 263.749 ug/l  
RT: 7.337 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

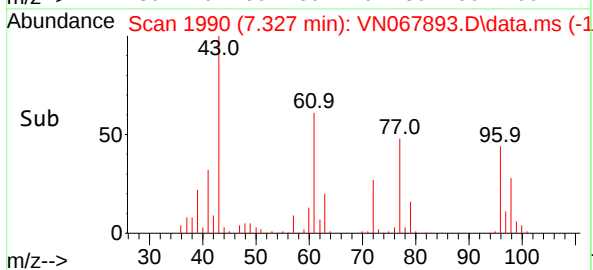
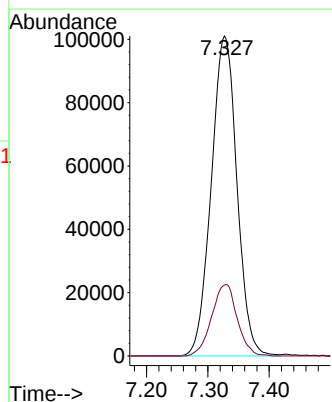
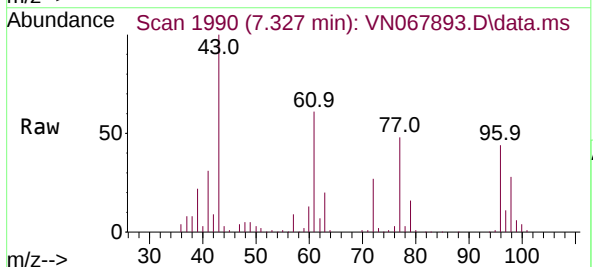
Instrument :  
MSVOA\_N  
ClientSampled :

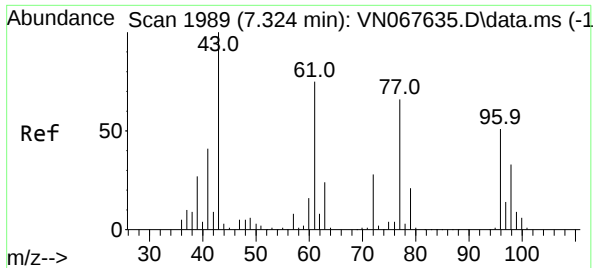
Tgt Ion: 43 Resp: 720670  
Ion Ratio Lower Upper  
43 100  
72 27.6 19.7 29.5



#26  
2,2-Dichloropropane  
Concen: 47.004 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 77 Resp: 293898  
Ion Ratio Lower Upper  
77 100  
97 22.3 9.8 29.3

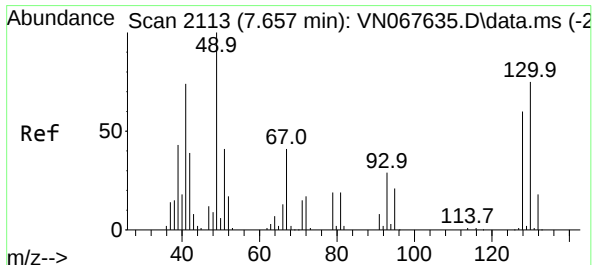
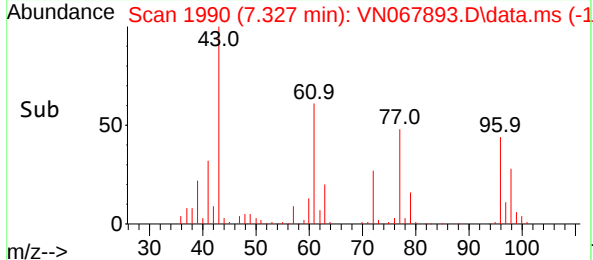
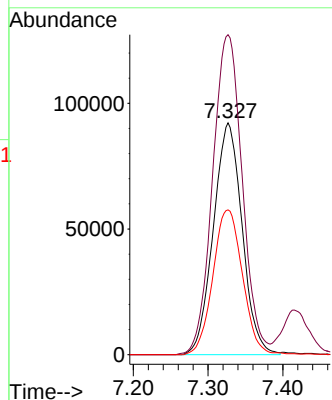
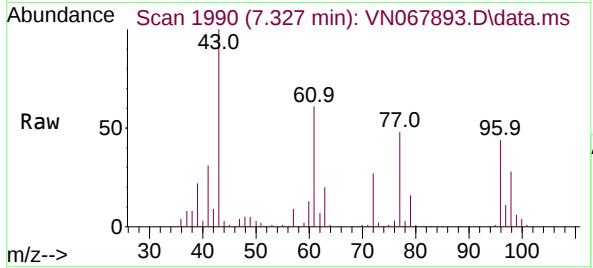




#27  
 cis-1,2-Dichloroethene  
 Concen: 54.231 ug/l  
 RT: 7.327 min Scan# 1990  
 Delta R.T. 0.003 min  
 Lab File: VN067893.D  
 Acq: 23 Jul 2021 20:33

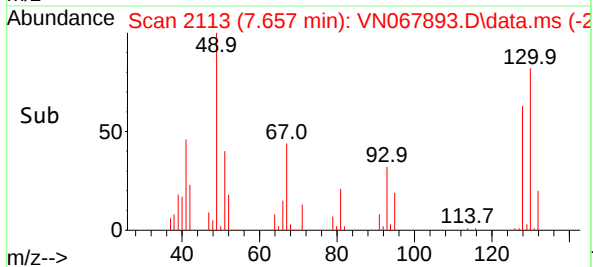
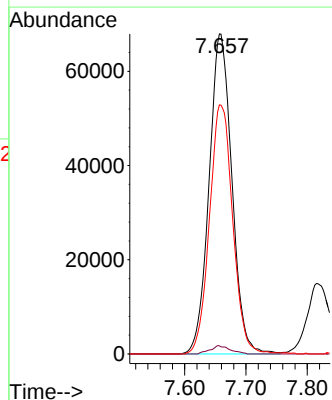
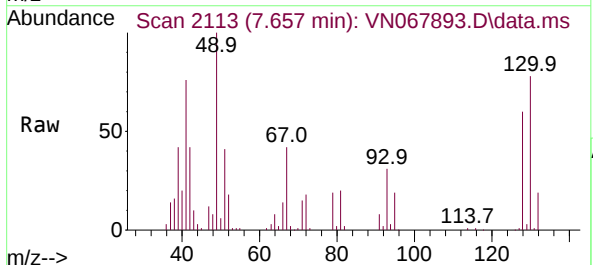
Instrument :  
 MSVOA\_N  
 ClientSampled :

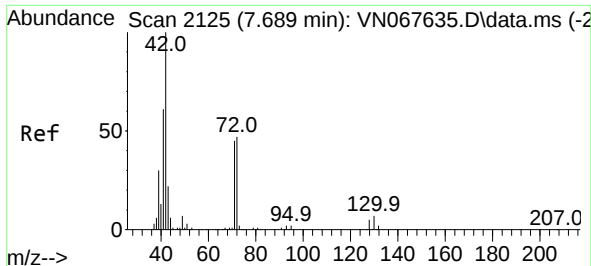
Tgt Ion: 96 Resp: 246872  
 Ion Ratio Lower Upper  
 96 100  
 61 142.0 0.0 338.8  
 98 64.2 0.0 129.8



#28  
 Bromochloromethane  
 Concen: 50.343 ug/l  
 RT: 7.657 min Scan# 2113  
 Delta R.T. -0.000 min  
 Lab File: VN067893.D  
 Acq: 23 Jul 2021 20:33

Tgt Ion: 49 Resp: 175759  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 3.8  
 130 79.2 49.7 74.5#





#29

Tetrahydrofuran

Concen: 266.033 ug/l

RT: 7.689 min Scan# 2125

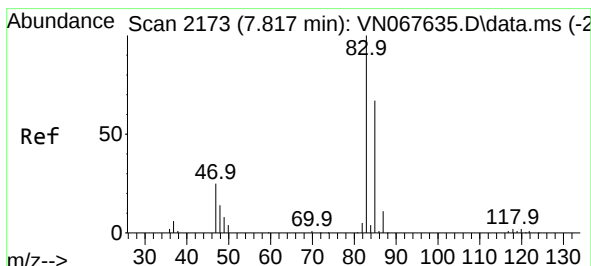
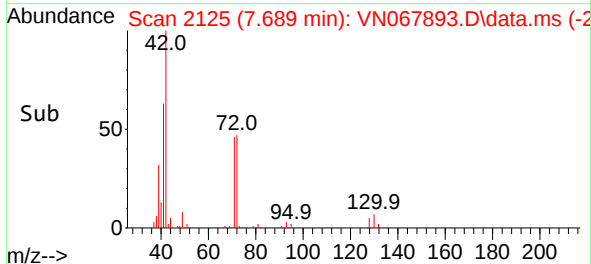
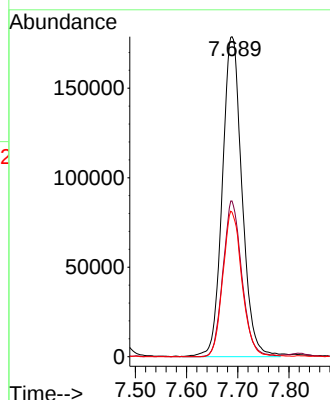
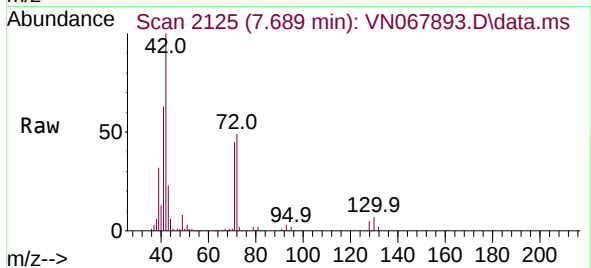
Delta R.T. -0.000 min

Lab File: VN067893.D

Acq: 23 Jul 2021 20:33

Instrument :  
MSVOA\_N  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 478029 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 46.7  | 32.8  | 49.2   |
| 71       | 43.9  | 31.2  | 46.8   |



#30

Chloroform

Concen: 55.230 ug/l

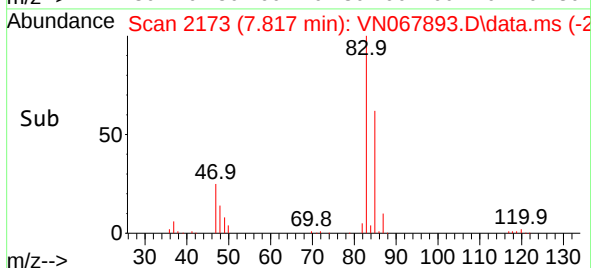
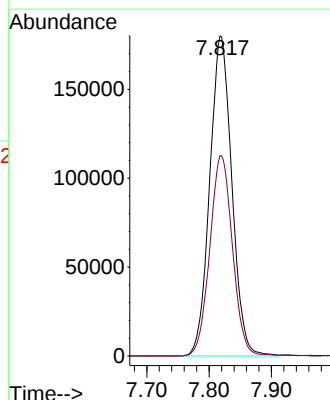
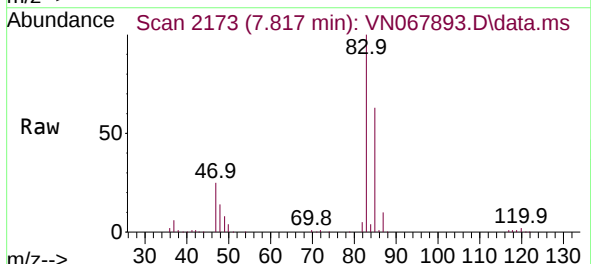
RT: 7.817 min Scan# 2173

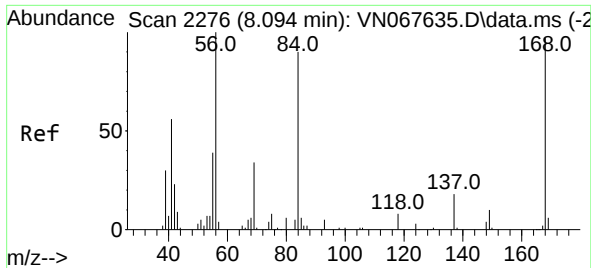
Delta R.T. 0.000 min

Lab File: VN067893.D

Acq: 23 Jul 2021 20:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 443854 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.6  | 51.5  | 77.3   |

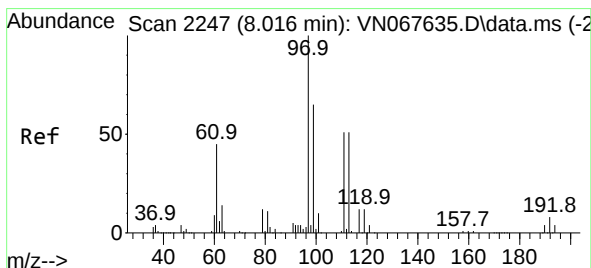
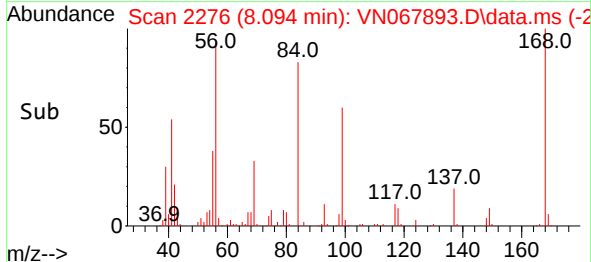
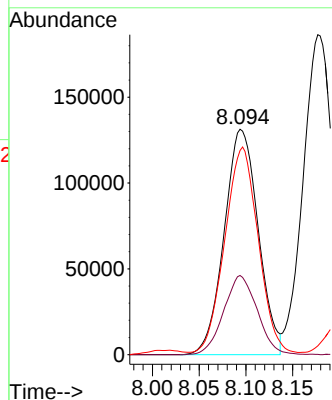
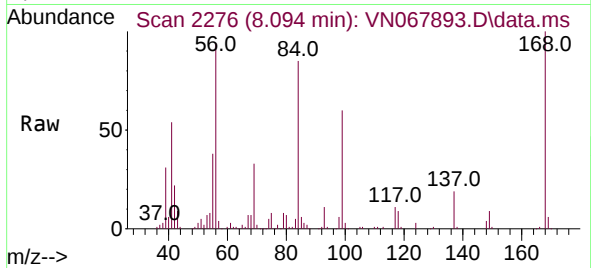




#31  
Cyclohexane  
Concen: 45.388 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

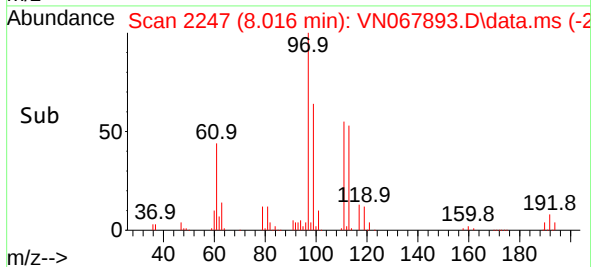
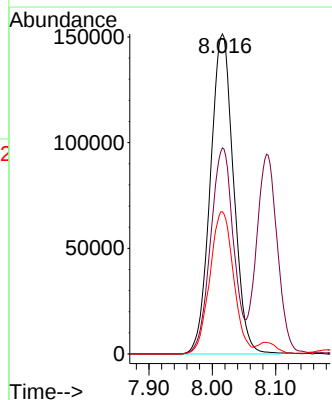
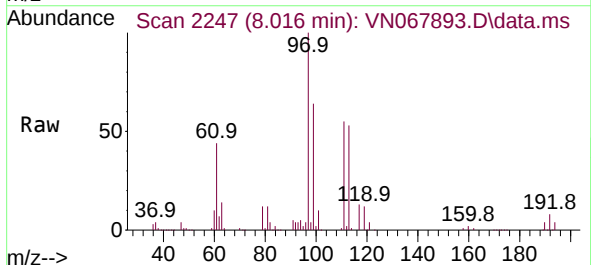
Instrument :  
MSVOA\_N  
ClientSampled :

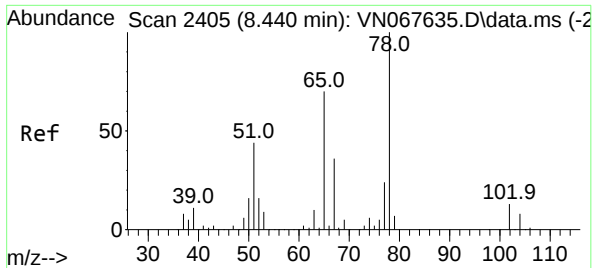
Tgt Ion: 56 Resp: 332810  
Ion Ratio Lower Upper  
56 100  
69 35.1 27.3 40.9  
84 89.2 64.9 97.3



#32  
1,1,1-Trichloroethane  
Concen: 55.317 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 97 Resp: 385484  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.2 75.2  
61 45.4 38.2 57.2

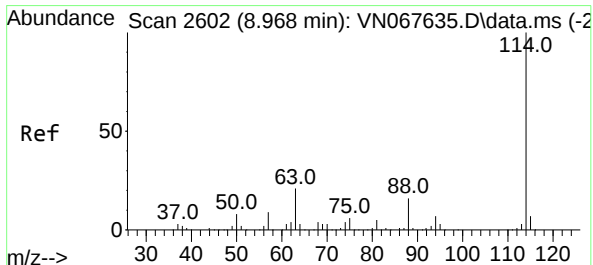
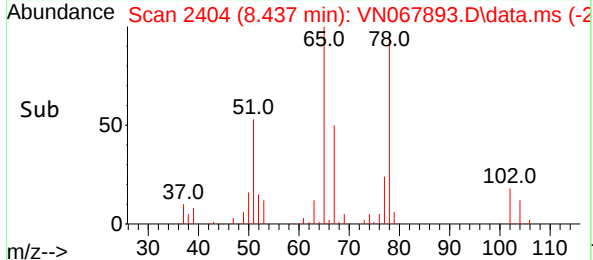
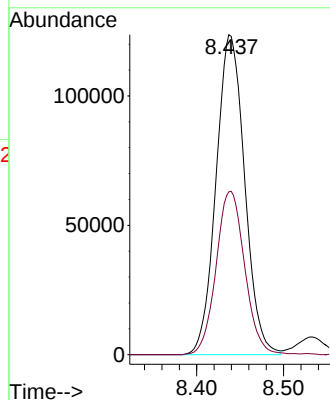
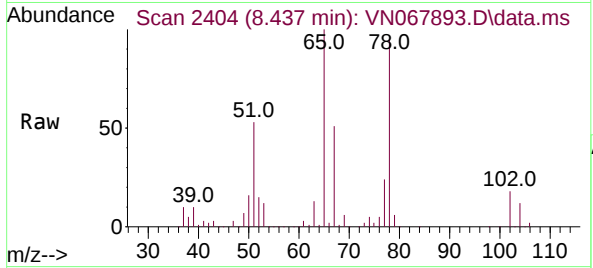




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.020 ug/l  
 RT: 8.437 min Scan# 2404  
 Delta R.T. -0.003 min  
 Lab File: VN067893.D  
 Acq: 23 Jul 2021 20:33

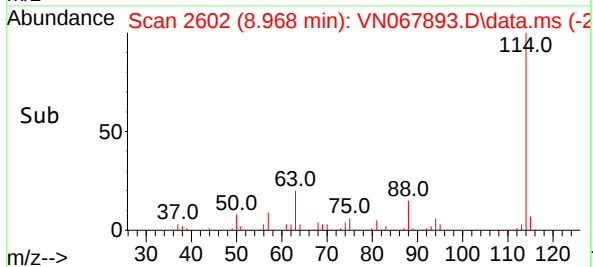
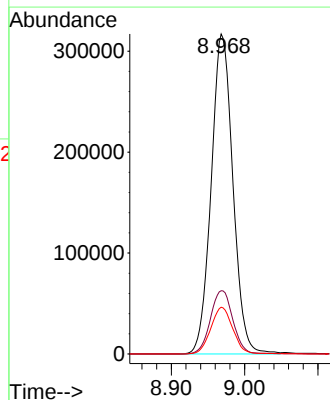
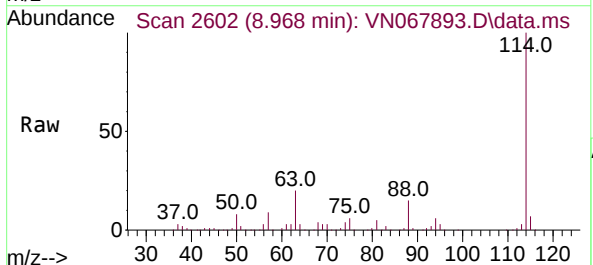
Instrument :  
 MSVOA\_N  
 ClientSampled :

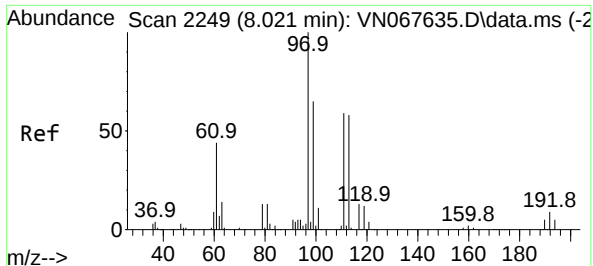
Tgt Ion: 65 Resp: 282495  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 98.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.968 min Scan# 2602  
 Delta R.T. 0.000 min  
 Lab File: VN067893.D  
 Acq: 23 Jul 2021 20:33

Tgt Ion: 114 Resp: 652588  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 49.0  
 88 14.6 0.0 36.6

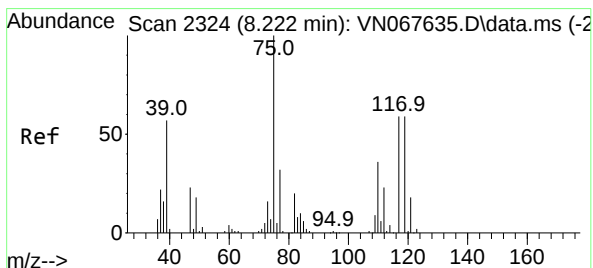
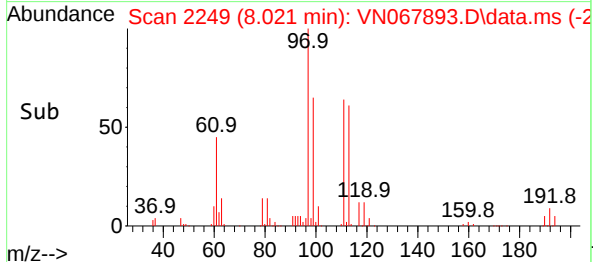
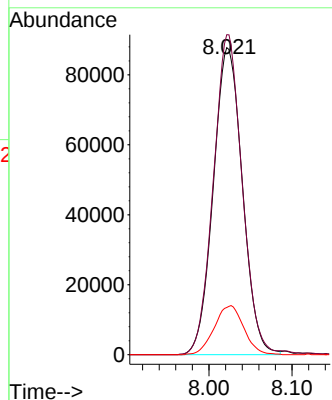
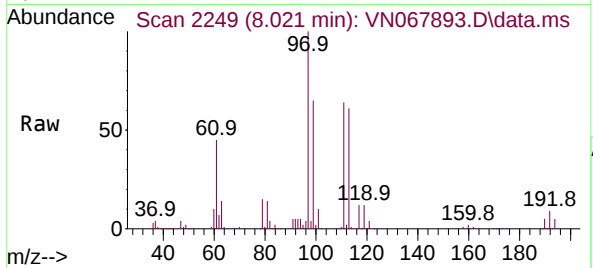




#35  
Dibromofluoromethane  
Concen: 54.252 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

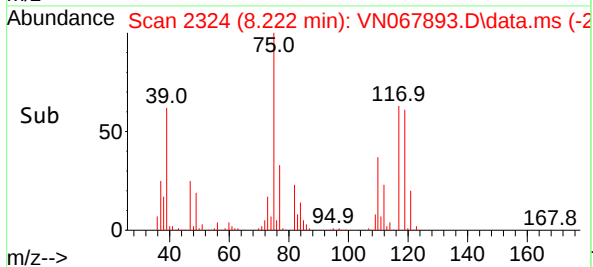
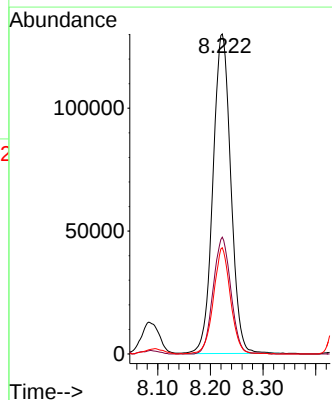
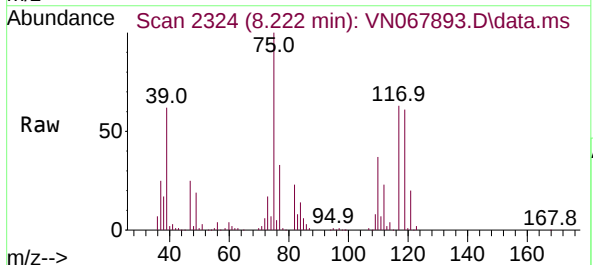
Instrument :  
MSVOA\_N  
ClientSampled :

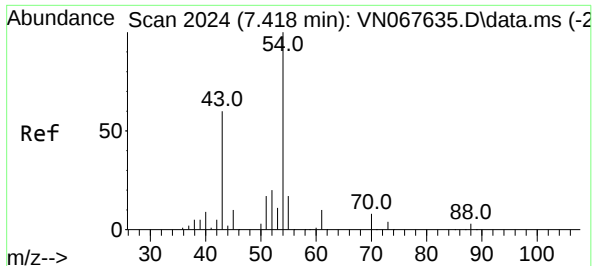
Tgt Ion:113 Resp: 213902  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.8 125.8  
192 16.2 13.4 20.0



#36  
1,1-Dichloropropene  
Concen: 50.638 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 75 Resp: 306960  
Ion Ratio Lower Upper  
75 100  
110 36.2 15.7 47.0  
77 31.7 24.6 37.0

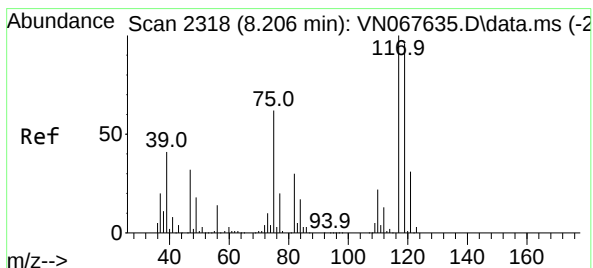
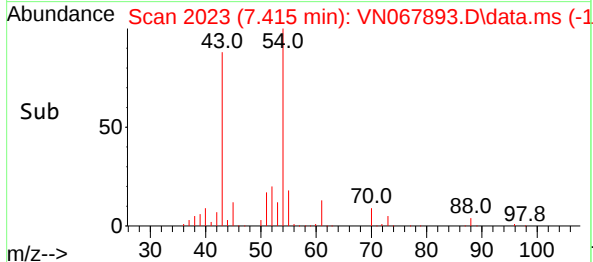
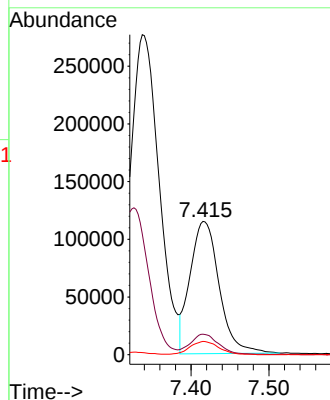
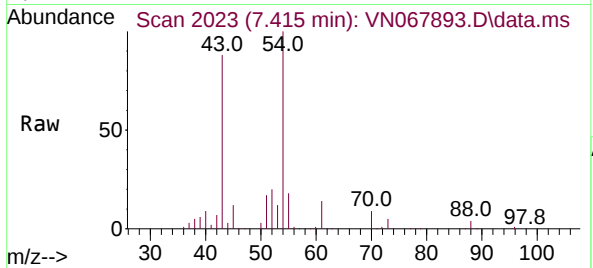




#37  
Ethyl Acetate  
Concen: 50.893 ug/l  
RT: 7.415 min Scan# 2023  
Delta R.T. -0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

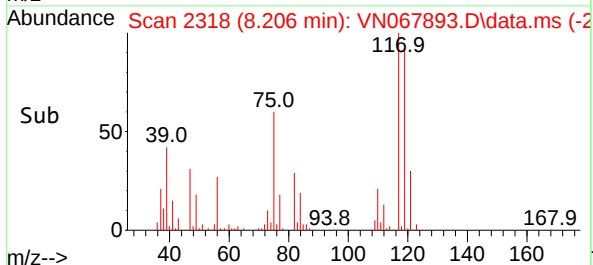
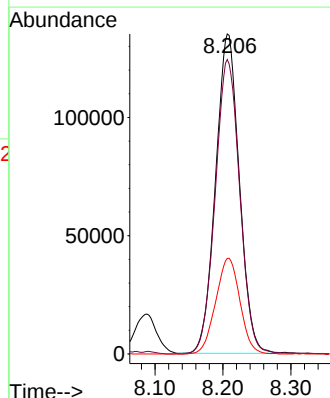
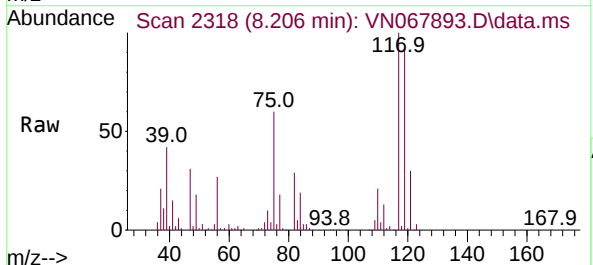
Instrument :  
MSVOA\_N  
ClientSampled :

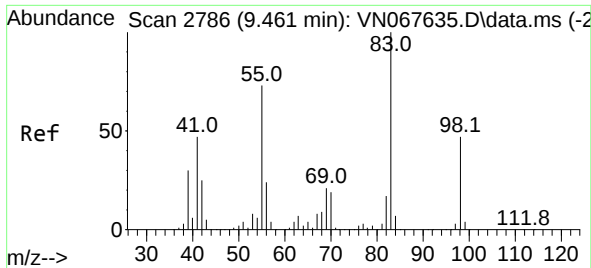
Tgt Ion: 43 Resp: 298919  
Ion Ratio Lower Upper  
43 100  
61 14.9 10.6 16.0  
70 10.0 8.1 12.1



#38  
Carbon Tetrachloride  
Concen: 54.869 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 117 Resp: 328084  
Ion Ratio Lower Upper  
117 100  
119 92.2 75.4 113.2  
121 29.9 23.5 35.3

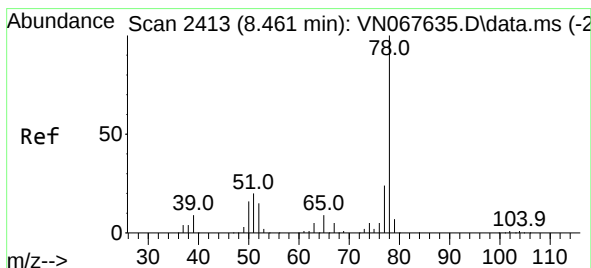
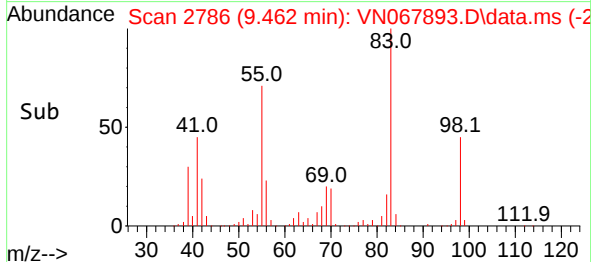
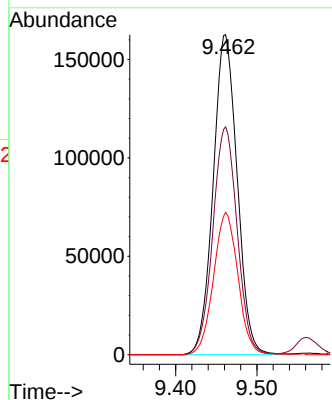
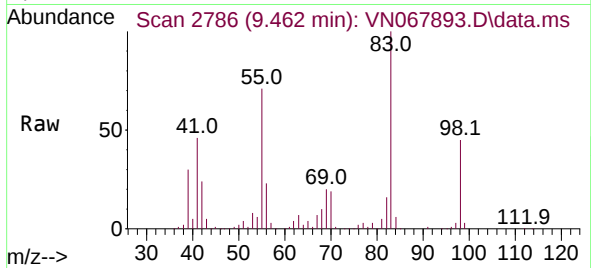




#39  
Methylcyclohexane  
Concen: 50.338 ug/l  
RT: 9.462 min Scan# 2786  
Delta R.T. 0.001 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

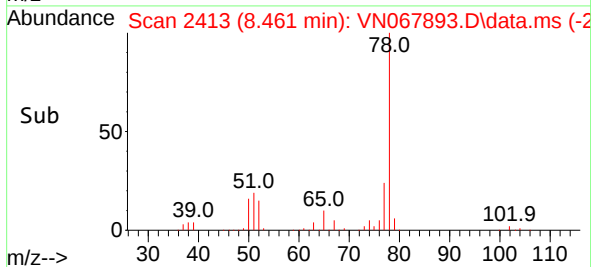
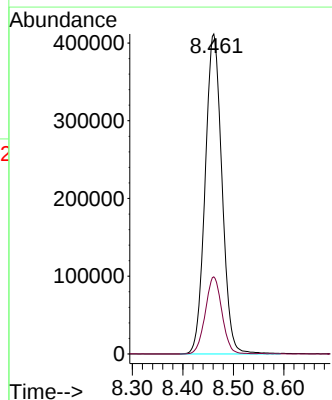
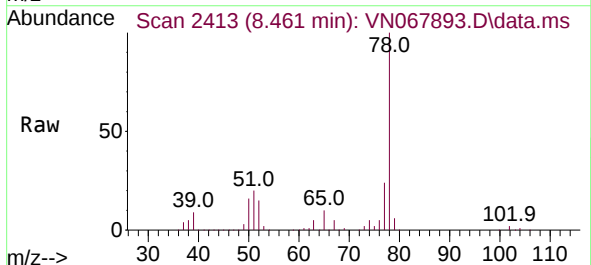
Instrument :  
MSVOA\_N  
ClientSampleId :

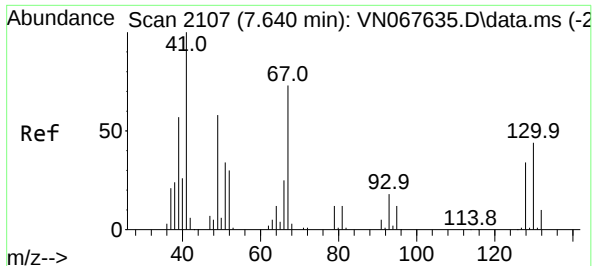
Tgt Ion: 83 Resp: 334056  
Ion Ratio Lower Upper  
83 100  
55 71.2 66.6 99.8  
98 44.5 35.3 52.9



#40  
Benzene  
Concen: 52.476 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 78 Resp: 952182  
Ion Ratio Lower Upper  
78 100  
77 24.1 18.9 28.3



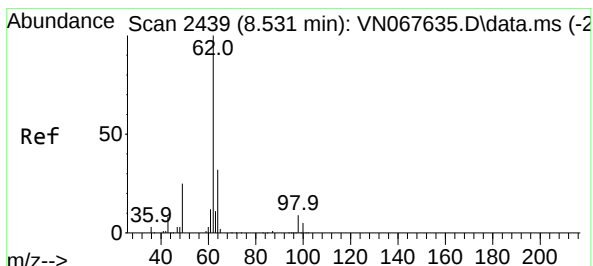
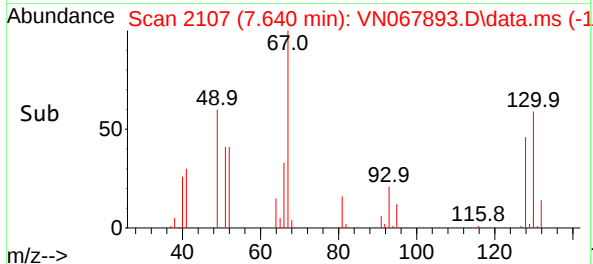
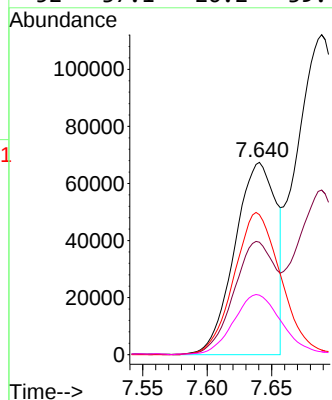
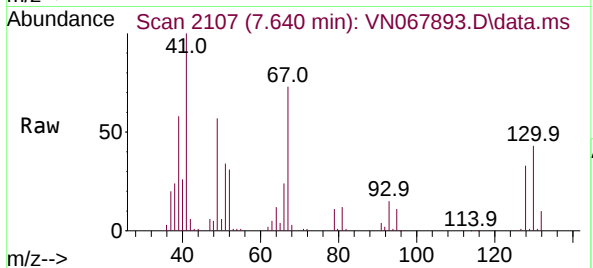


#41  
Methacrylonitrile  
Concen: 49.834 ug/l  
RT: 7.640 min Scan# 2107  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 41 Resp: 150433

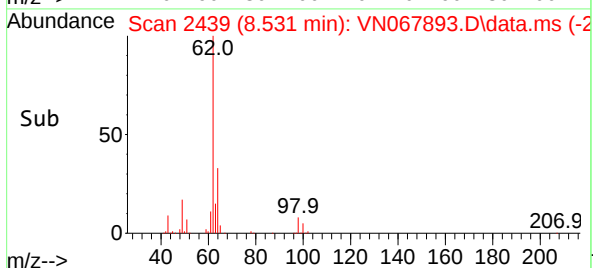
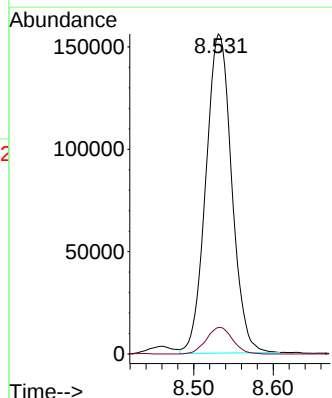
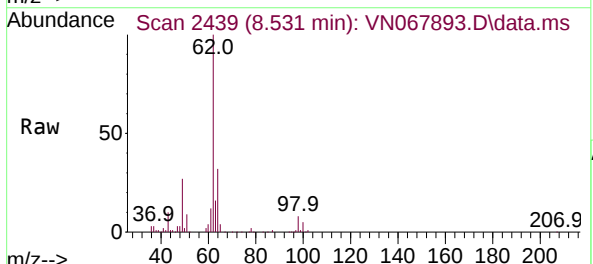
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.3  | 47.6  | 71.4  |
| 67  | 84.3  | 57.7  | 86.5  |
| 52  | 37.1  | 26.2  | 39.4  |

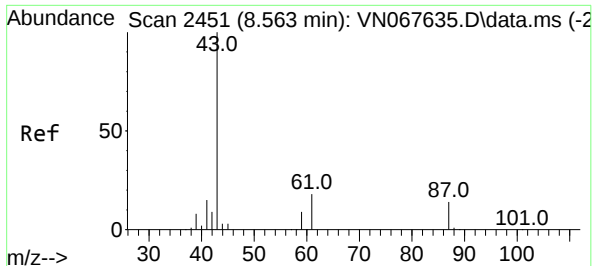


#42  
1,2-Dichloroethane  
Concen: 52.304 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 62 Resp: 352447

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.5   | 0.0   | 14.2  |

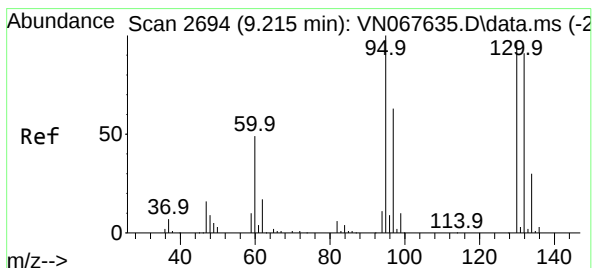
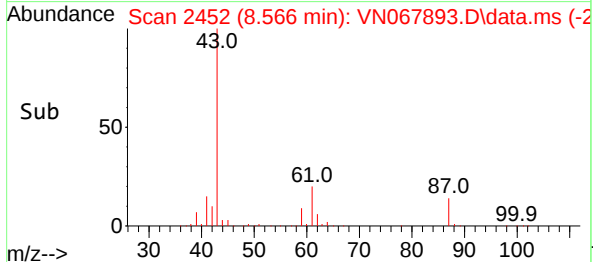
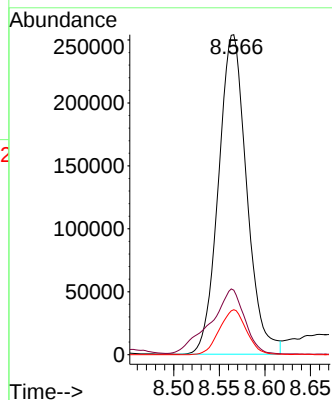
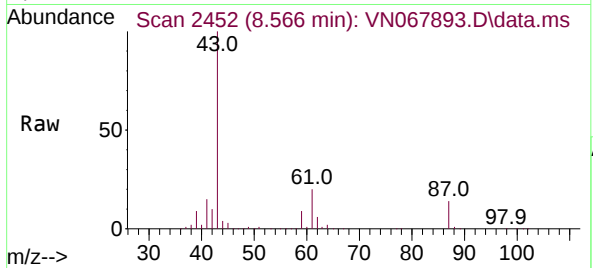




#43  
Isopropyl Acetate  
Concen: 52.878 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

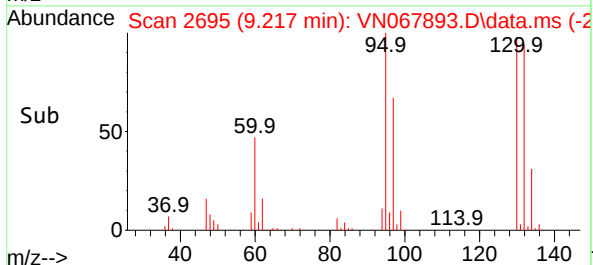
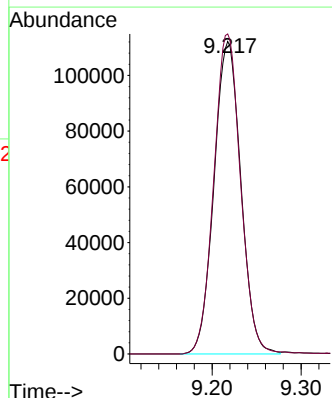
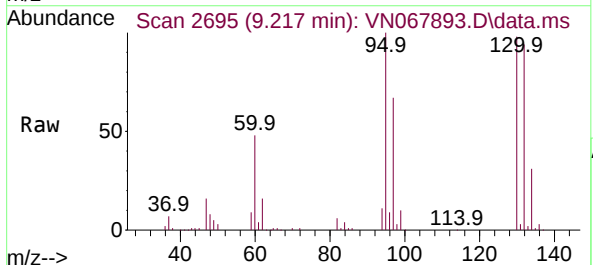
Instrument :  
MSVOA\_N  
ClientSampled :

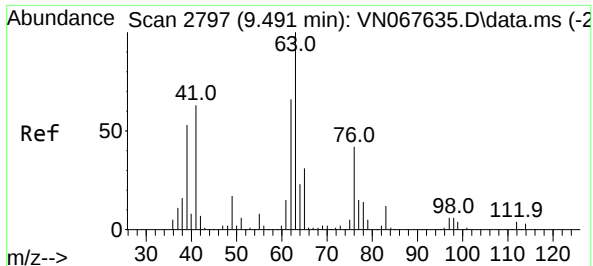
Tgt Ion: 43 Resp: 546327  
Ion Ratio Lower Upper  
43 100  
61 24.7 19.0 28.4  
87 13.5 9.5 14.3



#44  
Trichloroethene  
Concen: 51.051 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.002 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 130 Resp: 235089  
Ion Ratio Lower Upper  
130 100  
95 102.4 0.0 234.4

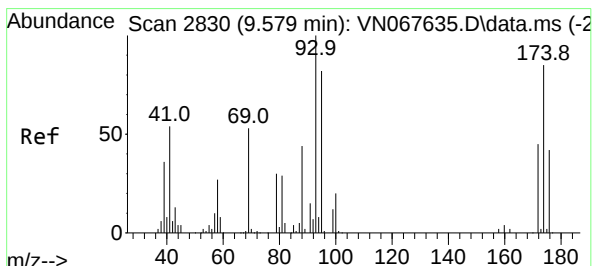
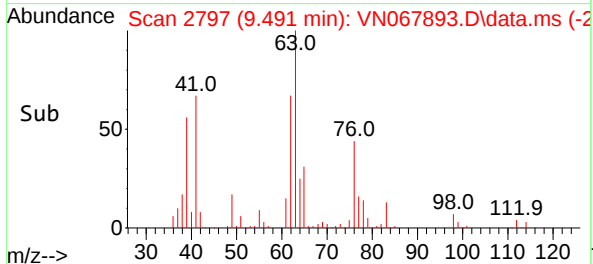
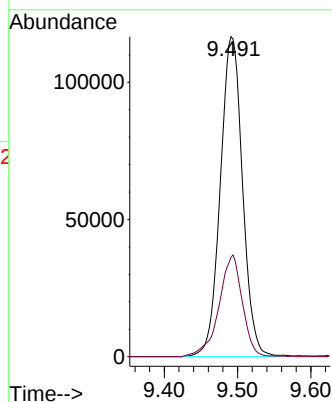
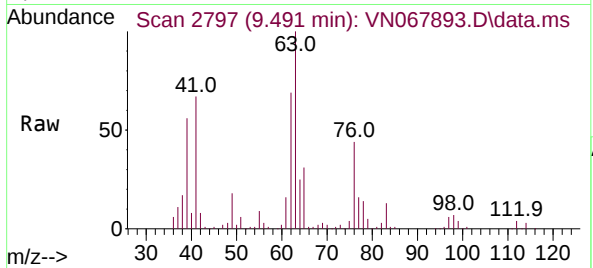




#45  
1,2-Dichloropropane  
Concen: 53.447 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

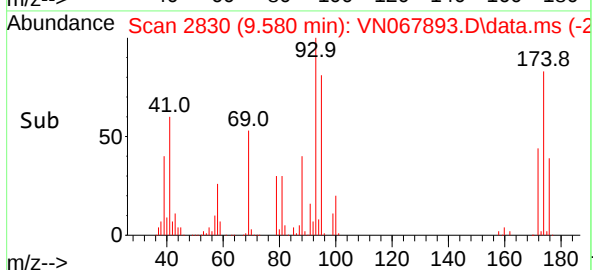
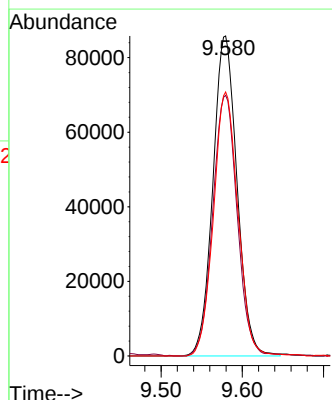
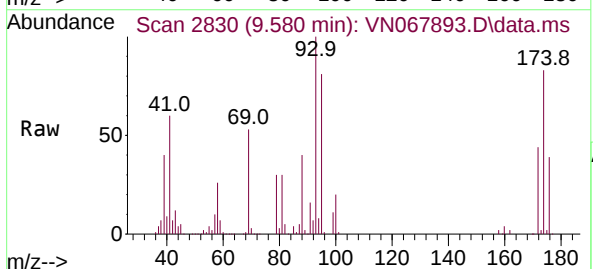
Instrument :  
MSVOA\_N  
ClientSampled :

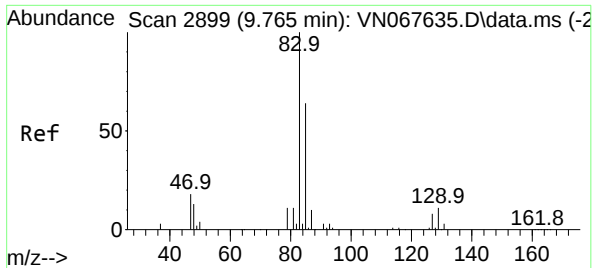
Tgt Ion: 63 Resp: 245541  
Ion Ratio Lower Upper  
63 100  
65 31.1 24.3 36.5



#46  
Dibromomethane  
Concen: 54.353 ug/l  
RT: 9.580 min Scan# 2830  
Delta R.T. 0.001 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 93 Resp: 177177  
Ion Ratio Lower Upper  
93 100  
95 83.0 66.1 99.1  
174 83.5 61.0 91.4

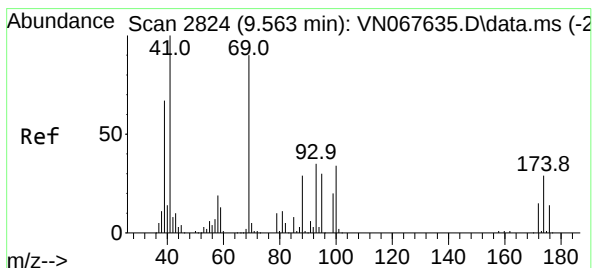
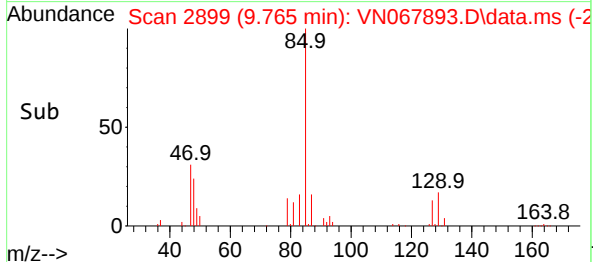
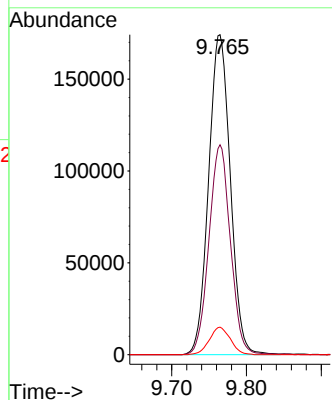
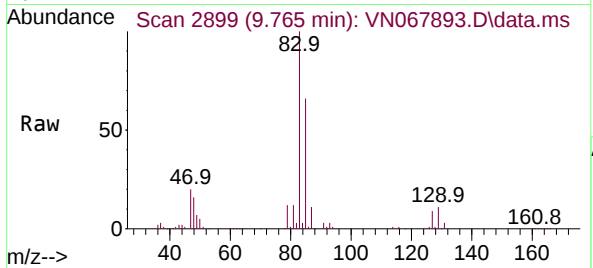




#47  
Bromodichloromethane  
Concen: 55.094 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

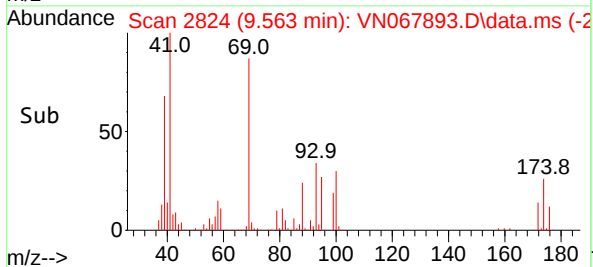
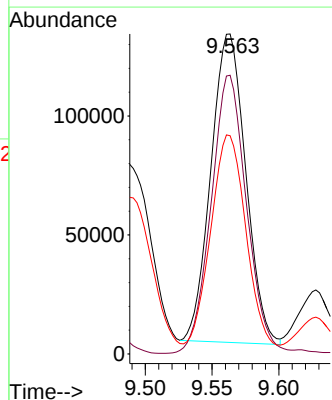
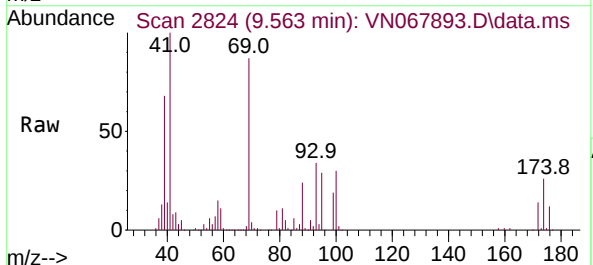
Instrument :  
MSVOA\_N  
ClientSampleId :

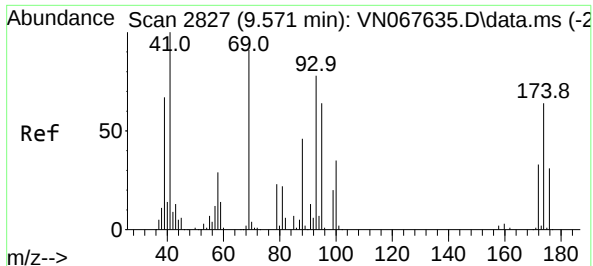
Tgt Ion: 83 Resp: 351101  
Ion Ratio Lower Upper  
83 100  
85 65.6 49.9 74.9  
127 8.6 6.1 9.1



#48  
Methyl methacrylate  
Concen: 51.461 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 41 Resp: 235158  
Ion Ratio Lower Upper  
41 100  
69 91.7 64.6 96.8  
39 73.3 53.3 79.9

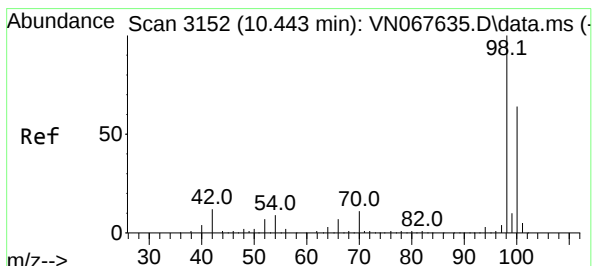
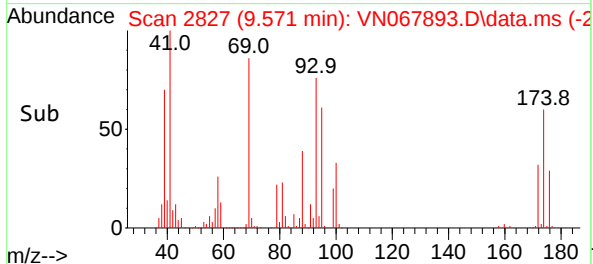
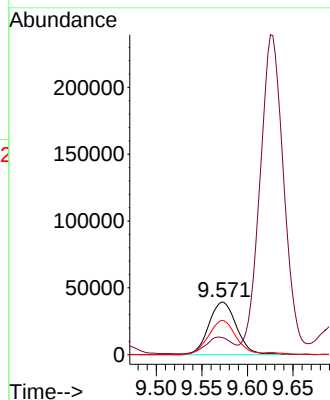
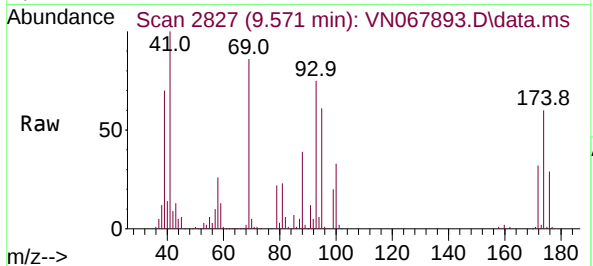




#49  
1,4-Dioxane  
Concen: 918.338 ug/l  
RT: 9.571 min Scan# 2827  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

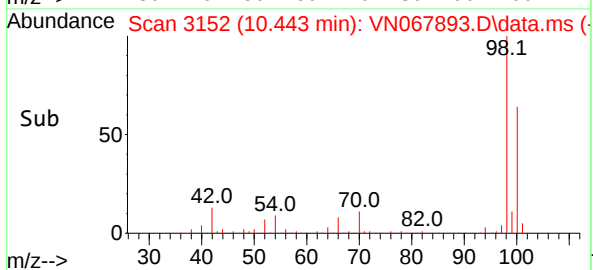
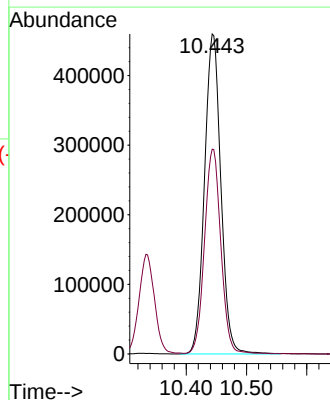
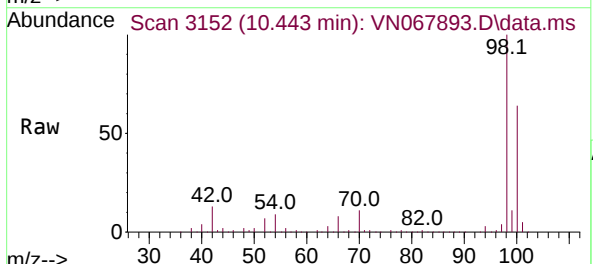
Instrument :  
MSVOA\_N  
ClientSampled :

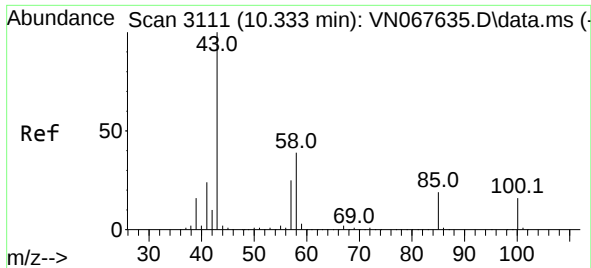
Tgt Ion: 88 Resp: 83244  
Ion Ratio Lower Upper  
88 100  
43 28.8 28.8 43.2#  
58 64.9 60.4 90.6



#50  
Toluene-d8  
Concen: 52.504 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 98 Resp: 866491  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.7 77.5

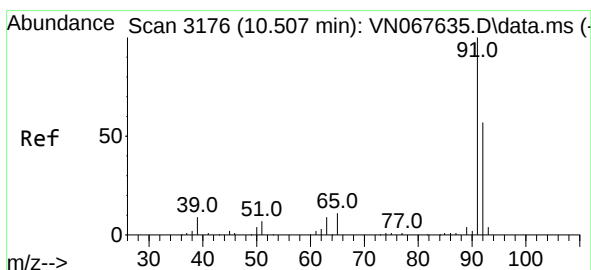
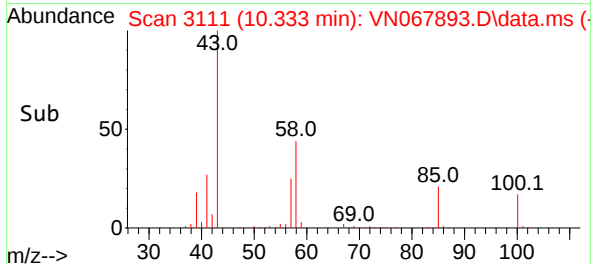
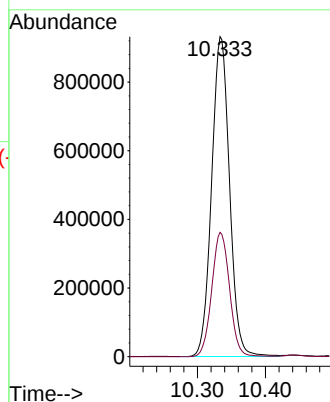
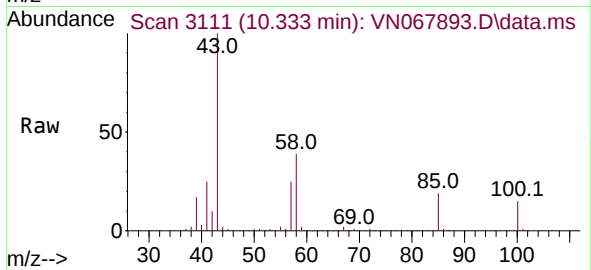




#51  
4-Methyl-2-Pentanone  
Concen: 268.587 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

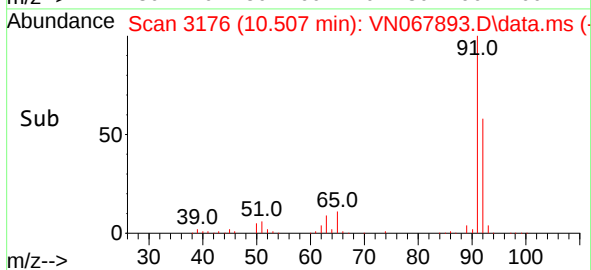
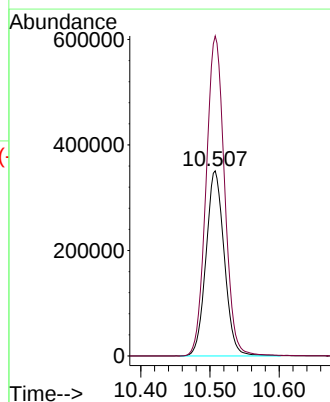
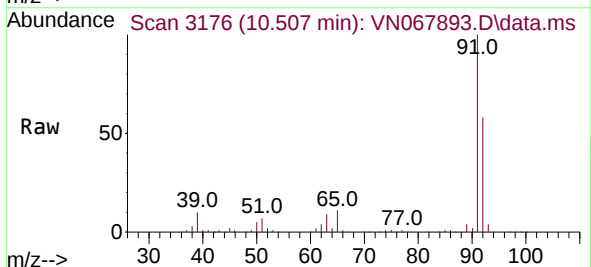
Instrument :  
MSVOA\_N  
ClientSampled :

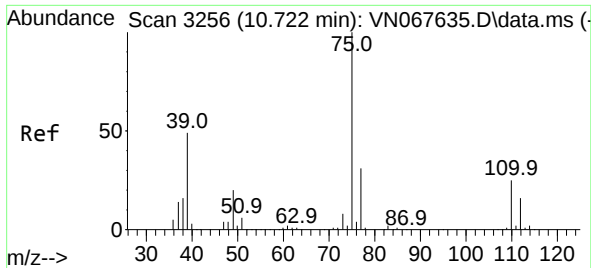
Tgt Ion: 43 Resp: 1704805  
Ion Ratio Lower Upper  
43 100  
58 38.7 28.6 43.0



#52  
Toluene  
Concen: 54.104 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 92 Resp: 643089  
Ion Ratio Lower Upper  
92 100  
91 175.0 139.6 209.4

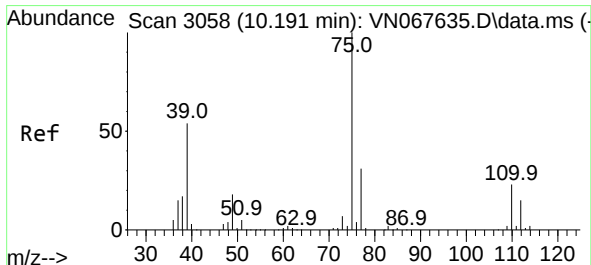
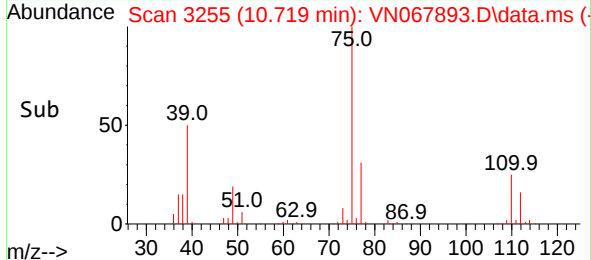
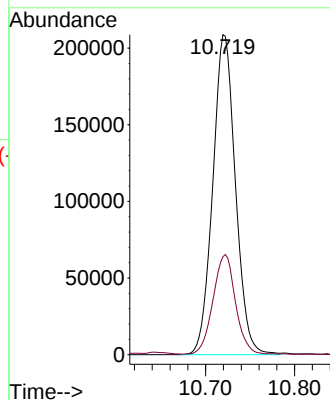
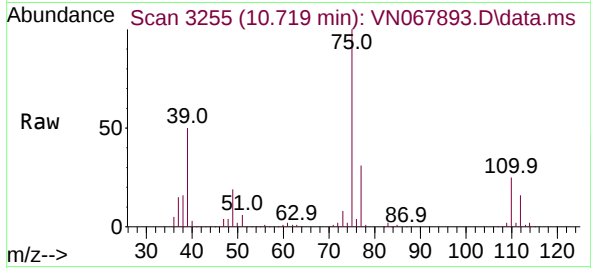




#53  
t-1,3-Dichloropropene  
Concen: 48.672 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. -0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

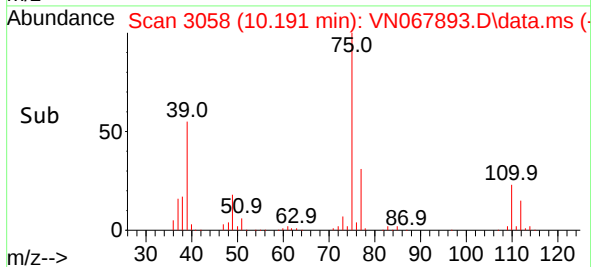
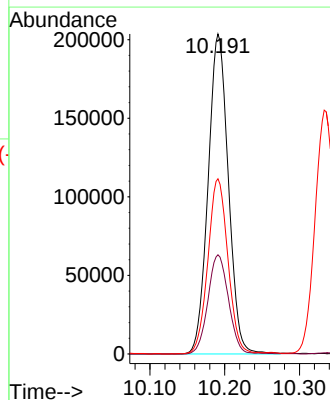
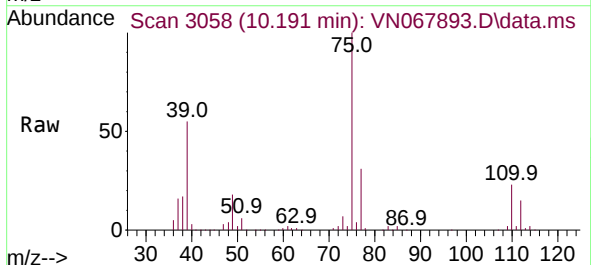
Instrument :  
MSVOA\_N  
ClientSampled :

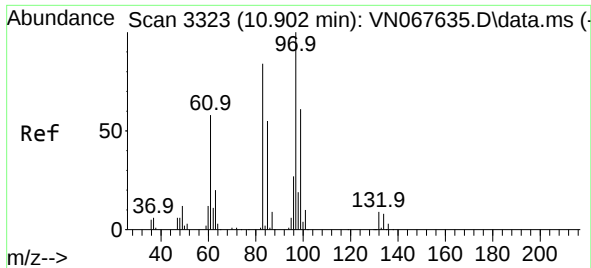
Tgt Ion: 75 Resp: 369245  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 54.028 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

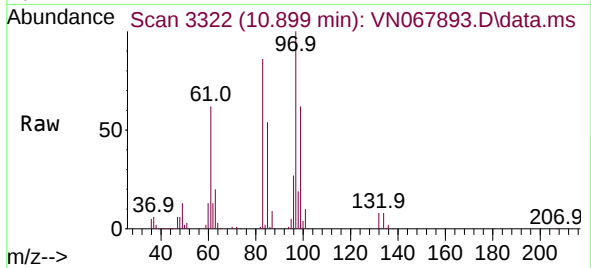
Tgt Ion: 75 Resp: 382902  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.6 37.0  
39 54.7 50.7 76.1



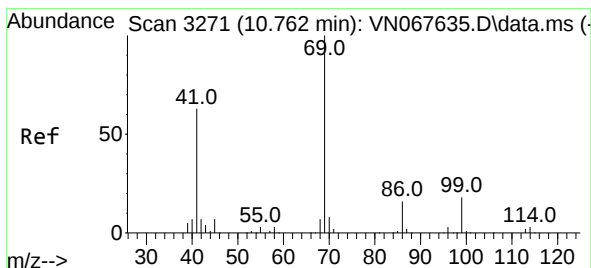
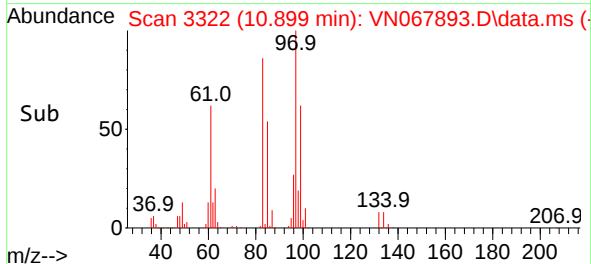
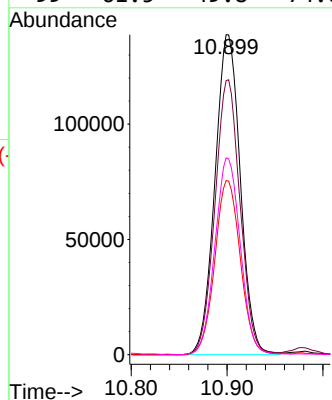


#55  
1,1,2-Trichloroethane  
Concen: 56.041 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. -0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Instrument :  
MSVOA\_N  
ClientSampled :

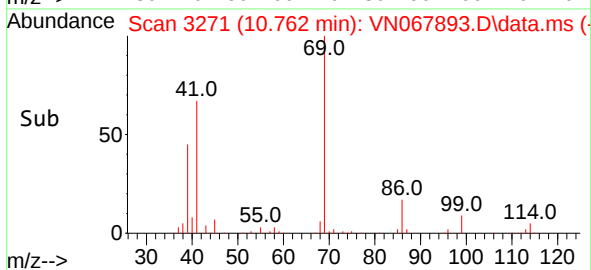
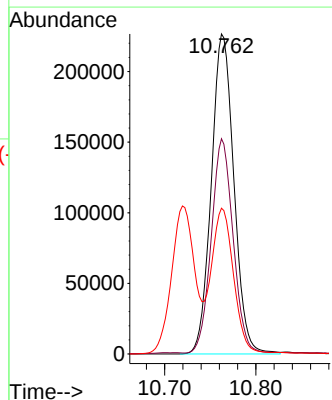
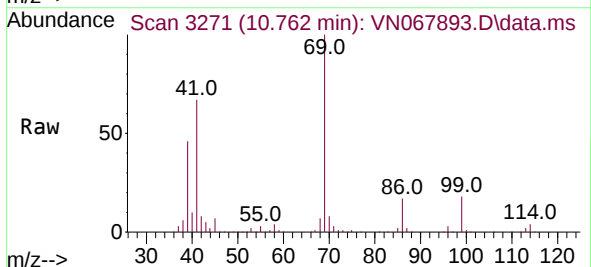


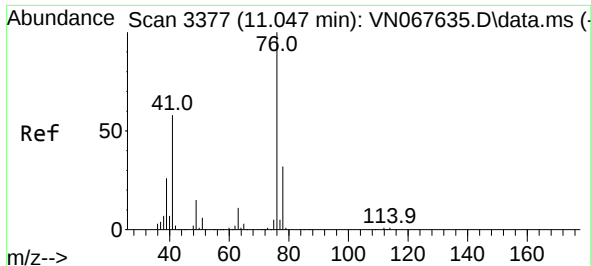
| Tgt Ion: | 97    | Resp: | 255275 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.7  | 72.0  | 108.0  |
| 85       | 54.4  | 46.8  | 70.2   |
| 99       | 61.5  | 49.8  | 74.6   |



#56  
Ethyl methacrylate  
Concen: 55.588 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

| Tgt Ion: | 69    | Resp: | 390101 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.7  | 58.6  | 88.0   |
| 39       | 43.3  | 38.3  | 57.5   |

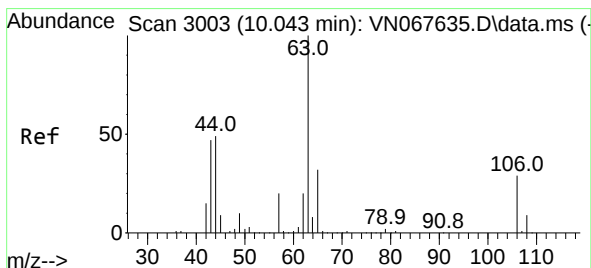
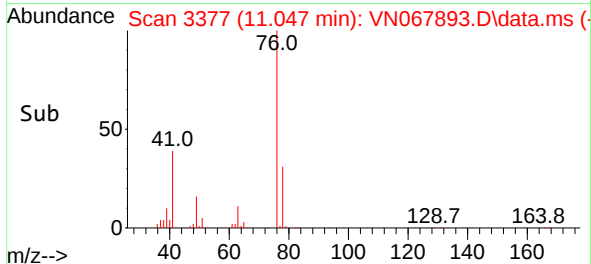
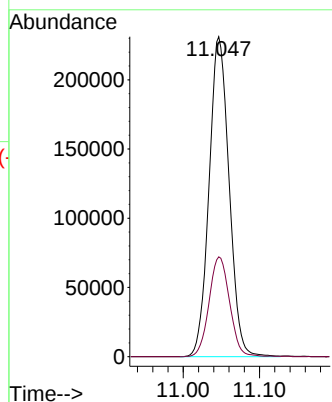
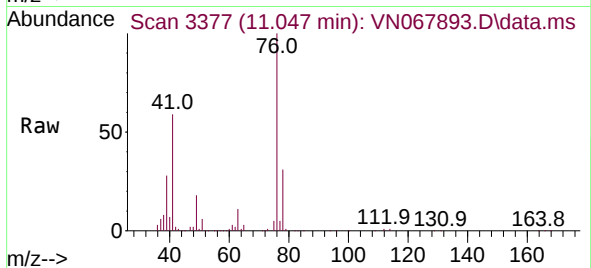




#57  
1,3-Dichloropropane  
Concen: 53.917 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

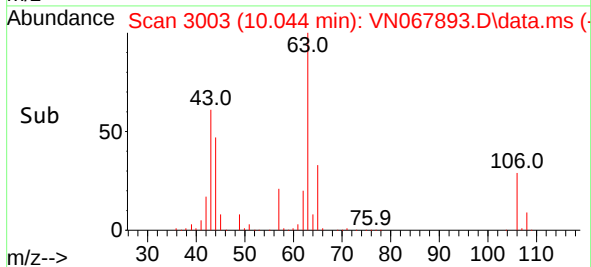
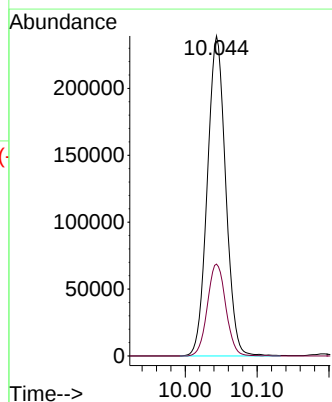
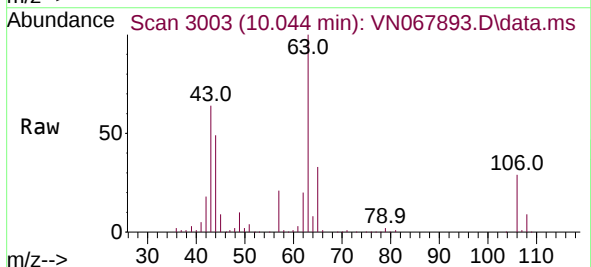
Instrument :  
MSVOA\_N  
ClientSampleId :

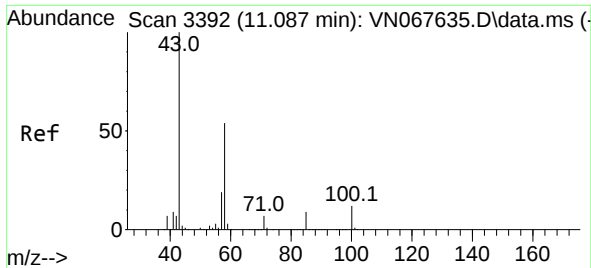
Tgt Ion: 76 Resp: 421138  
Ion Ratio Lower Upper  
76 100  
78 32.0 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 228.561 ug/l  
RT: 10.044 min Scan# 3003  
Delta R.T. 0.001 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 63 Resp: 424800  
Ion Ratio Lower Upper  
63 100  
106 28.7 19.8 29.8

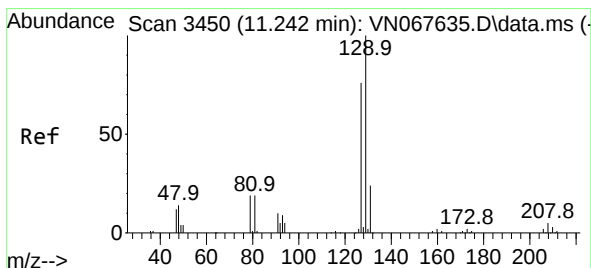
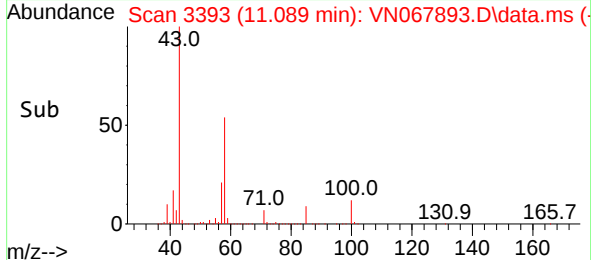
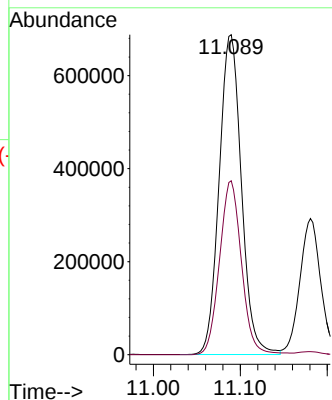
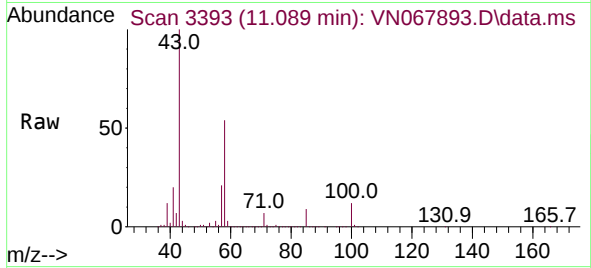




#59  
2-Hexanone  
Concen: 276.318 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.002 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

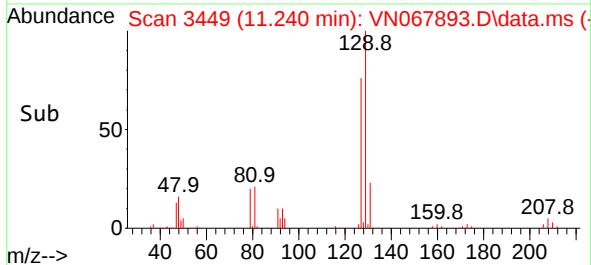
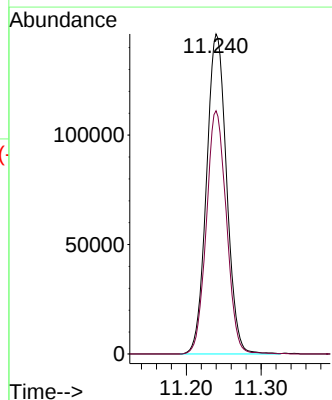
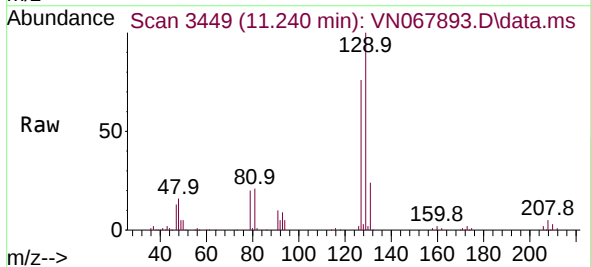
Instrument :  
MSVOA\_N  
ClientSampled :

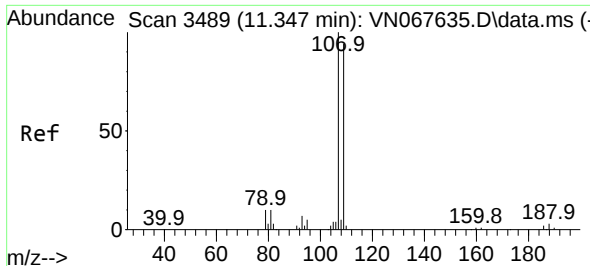
Tgt Ion: 43 Resp: 1224231  
Ion Ratio Lower Upper  
43 100  
58 53.7 24.7 74.1



#60  
Dibromochloromethane  
Concen: 48.878 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.002 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:129 Resp: 272942  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.6 115.8

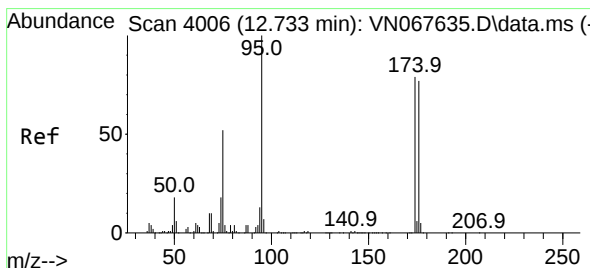
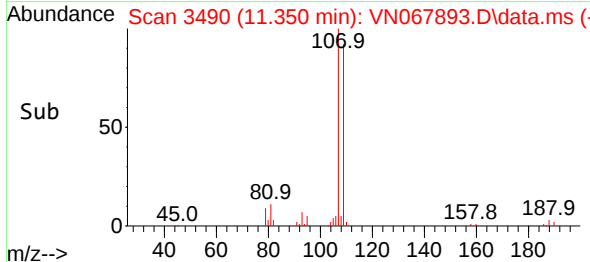
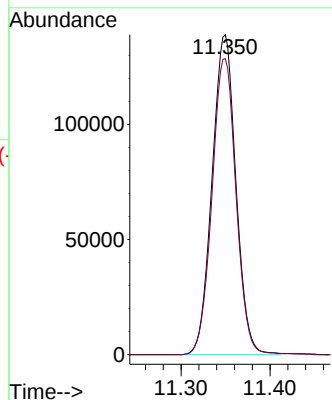
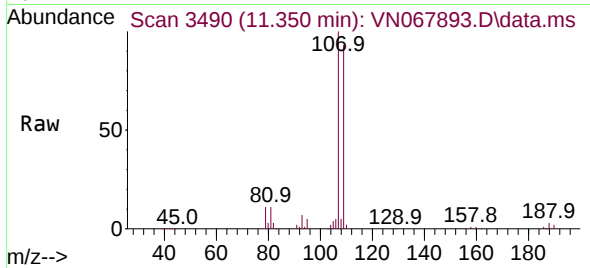




#61  
1,2-Dibromoethane  
Concen: 55.558 ug/l  
RT: 11.350 min Scan# 3490  
Delta R.T. 0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

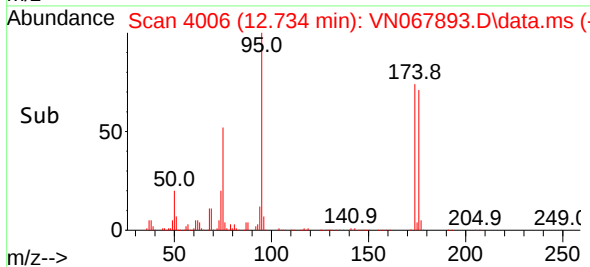
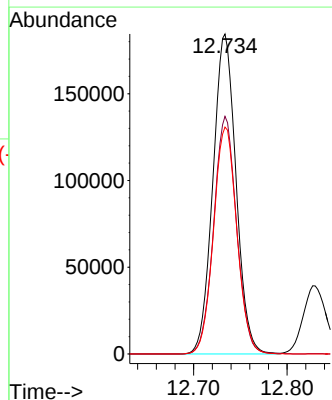
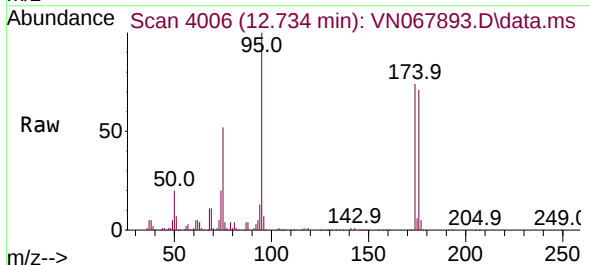
Instrument :  
MSVOA\_N  
ClientSampled :

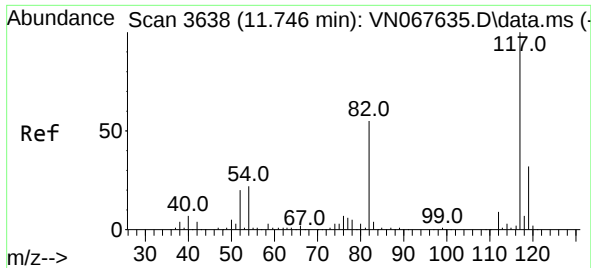
Tgt Ion:107 Resp: 258373  
Ion Ratio Lower Upper  
107 100  
109 93.3 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 54.422 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.001 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 95 Resp: 317280  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 122.0  
176 71.6 0.0 117.6

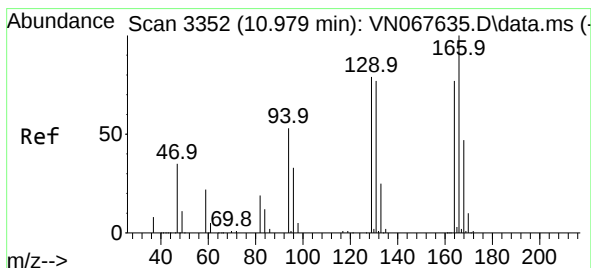
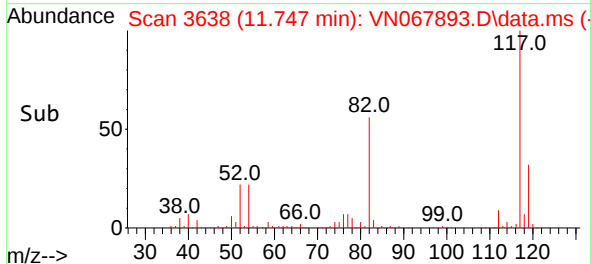
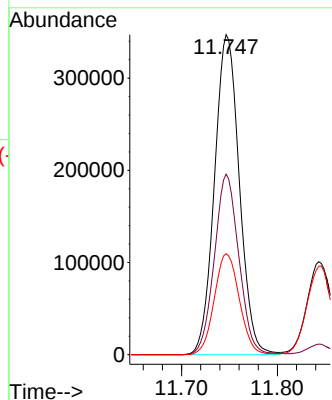
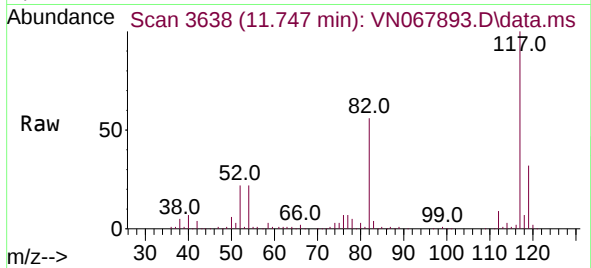




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

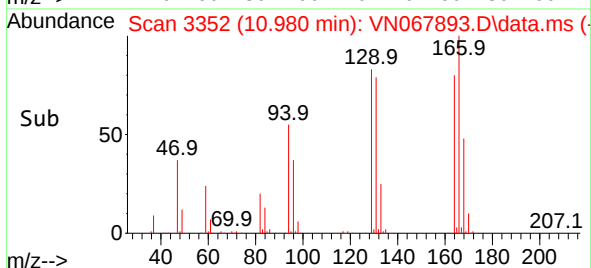
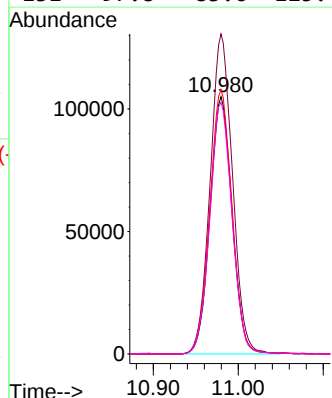
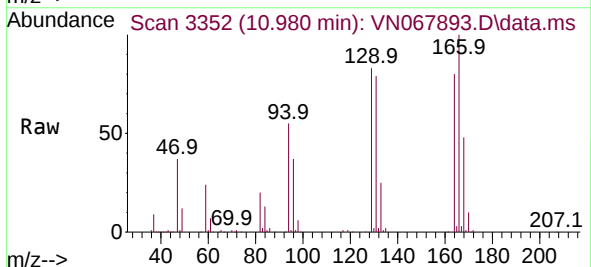
Instrument :  
MSVOA\_N  
ClientSampled :

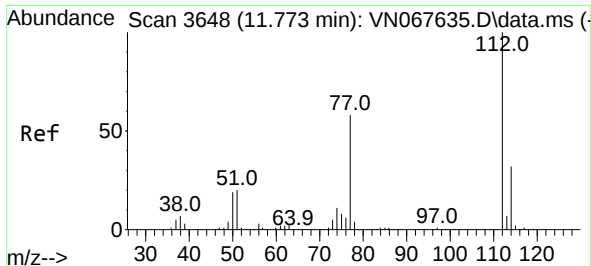
Tgt Ion:117 Resp: 625160  
Ion Ratio Lower Upper  
117 100  
82 56.4 53.1 79.7  
119 31.6 25.5 38.3



#64  
Tetrachloroethene  
Concen: 43.019 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. 0.001 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:164 Resp: 189837  
Ion Ratio Lower Upper  
164 100  
166 124.3 102.1 153.1  
129 102.7 86.9 130.3  
131 97.8 83.6 125.4

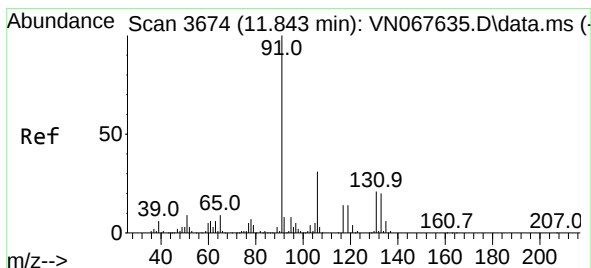
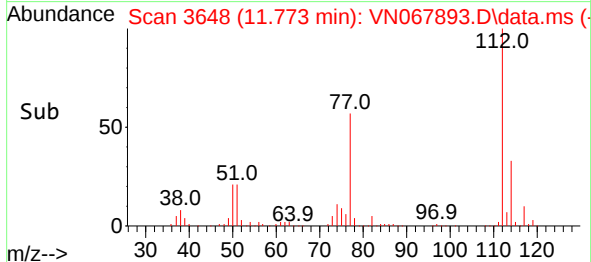
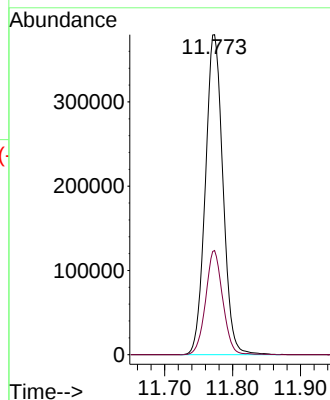
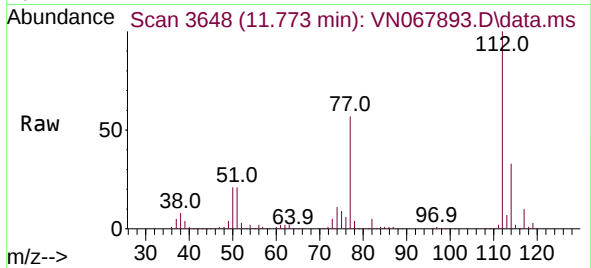




#65  
Chlorobenzene  
Concen: 53.121 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

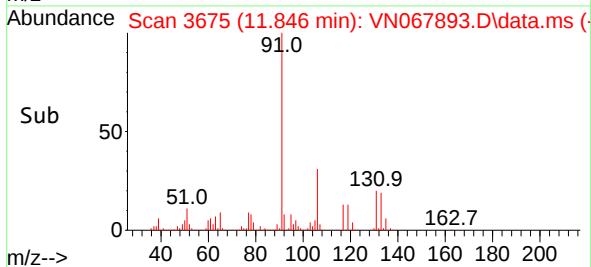
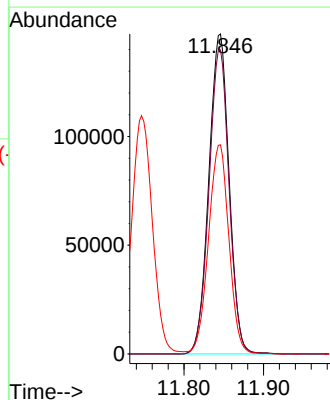
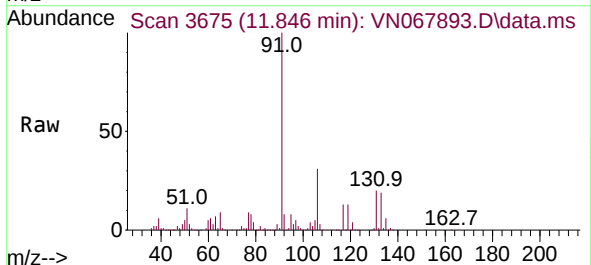
Instrument :  
MSVOA\_N  
ClientSampleId :

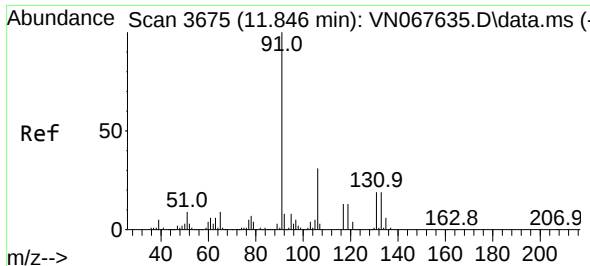
Tgt Ion:112 Resp: 682063  
Ion Ratio Lower Upper  
112 100  
114 32.5 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 57.635 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:131 Resp: 260301  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.5 142.5  
119 66.3 33.1 99.3

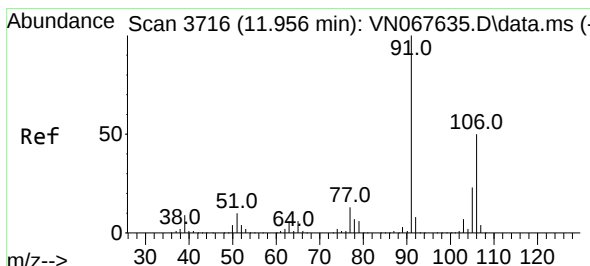
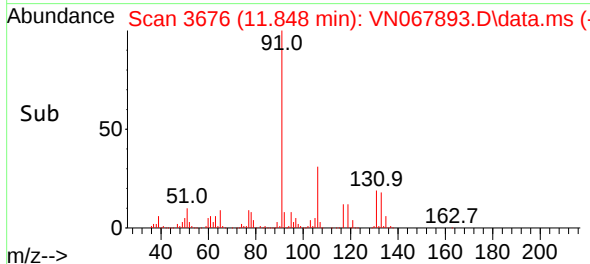
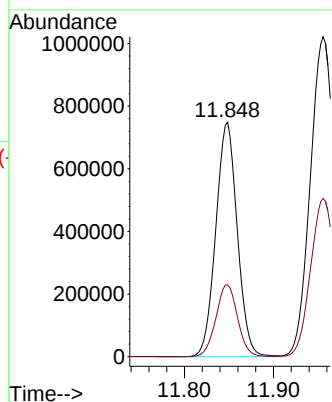
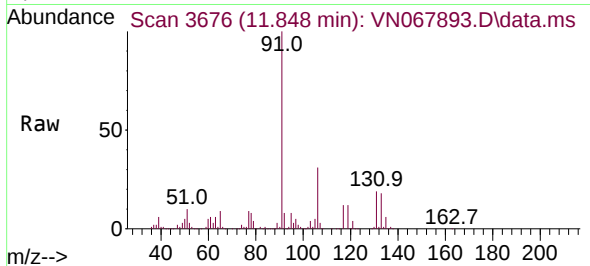




#67  
Ethyl Benzene  
Concen: 53.687 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.002 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

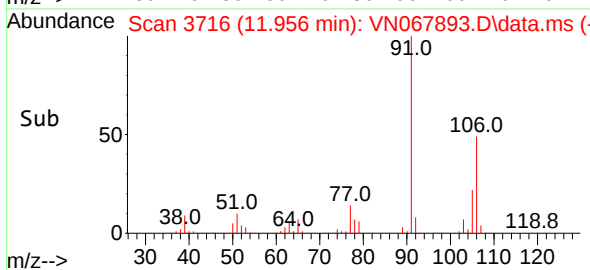
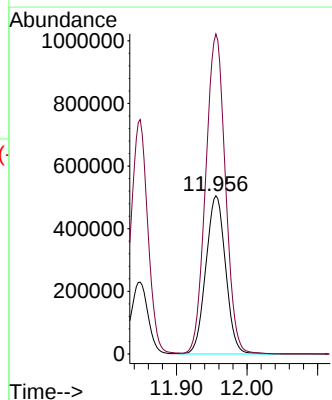
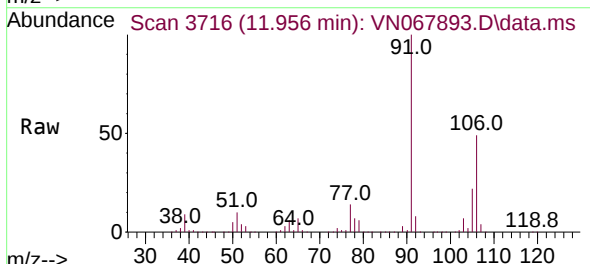
Instrument :  
MSVOA\_N  
ClientSampled :

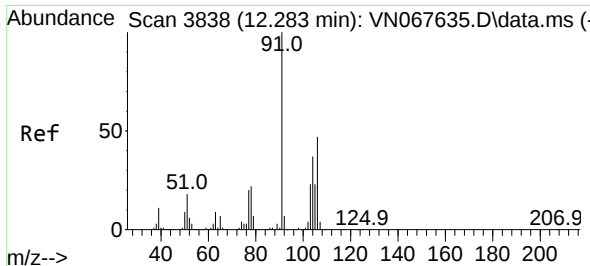
Tgt Ion: 91 Resp: 1254911  
Ion Ratio Lower Upper  
91 100  
106 30.6 23.4 35.0



#68  
m/p-Xylenes  
Concen: 110.593 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:106 Resp: 977718  
Ion Ratio Lower Upper  
106 100  
91 203.0 180.6 270.8

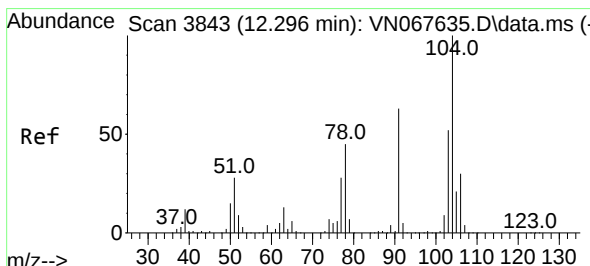
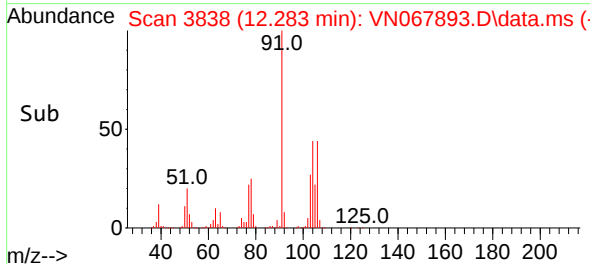
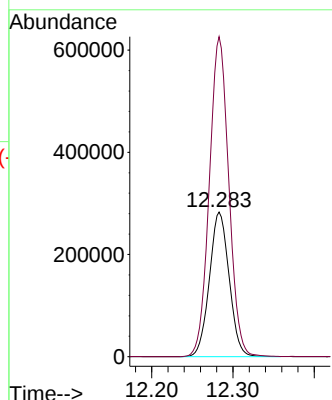
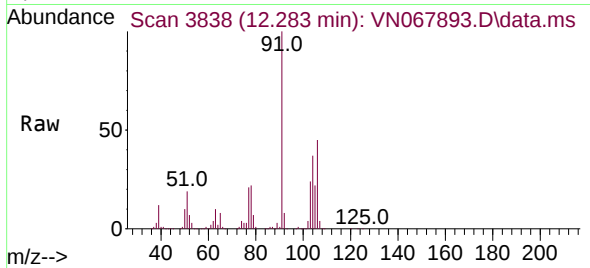




#69  
o-Xylene  
Concen: 54.911 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

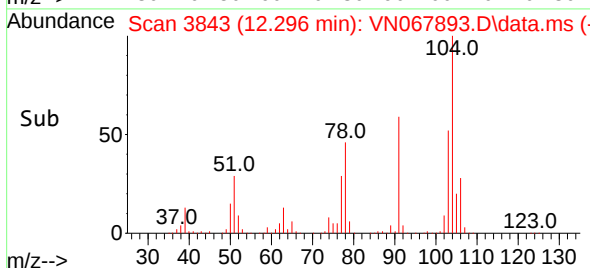
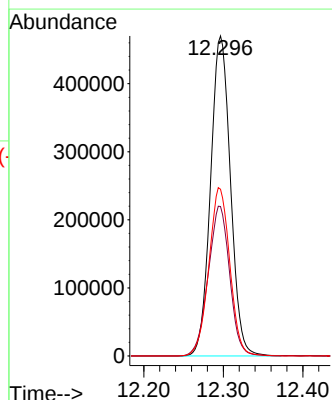
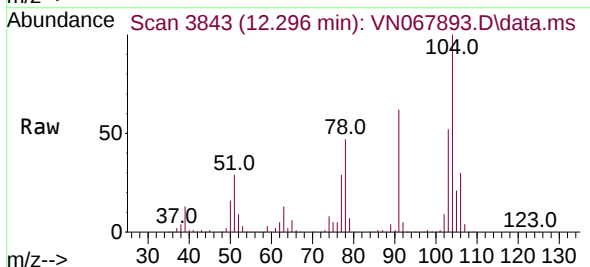
Instrument :  
MSVOA\_N  
ClientSampled :

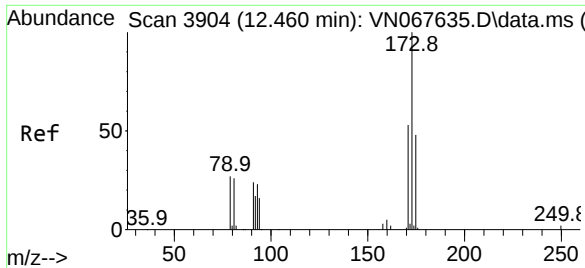
Tgt Ion:106 Resp: 477287  
Ion Ratio Lower Upper  
106 100  
91 218.5 118.3 354.9



#70  
Styrene  
Concen: 58.889 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:104 Resp: 818804  
Ion Ratio Lower Upper  
104 100  
78 50.4 48.2 72.2  
103 55.4 44.5 66.7

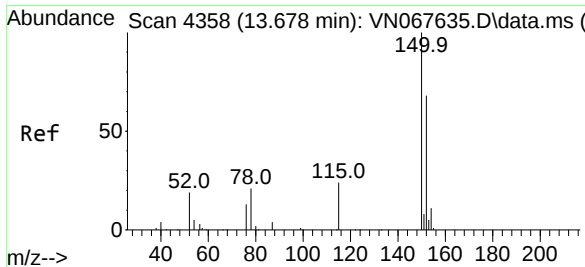
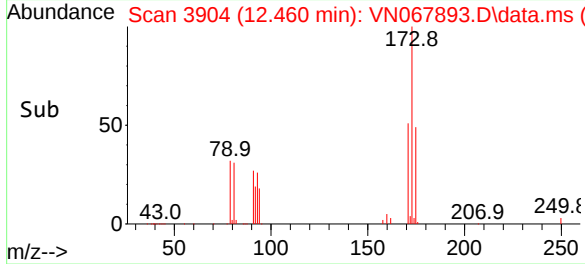
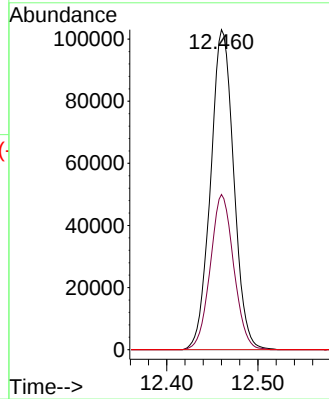
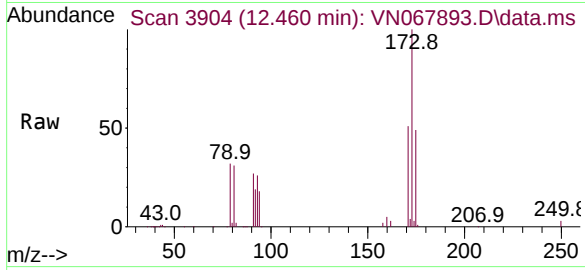




#71  
Bromoform  
Concen: 45.733 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

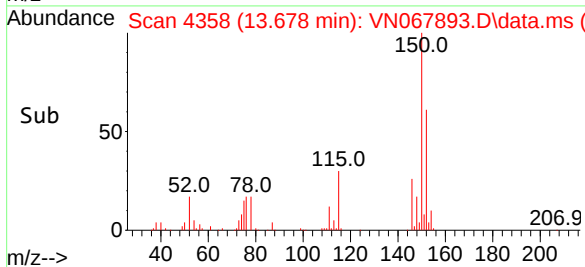
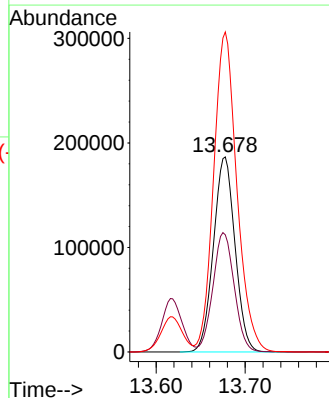
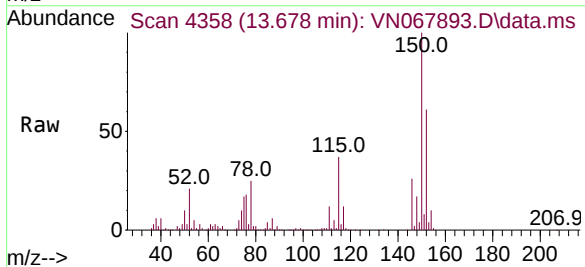
Instrument :  
MSVOA\_N  
ClientSampled :

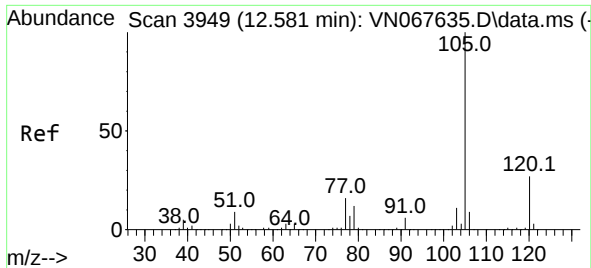
Tgt Ion:173 Resp: 182055  
Ion Ratio Lower Upper  
173 100  
175 49.0 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:152 Resp: 314534  
Ion Ratio Lower Upper  
152 100  
115 60.3 36.1 108.5  
150 176.4 0.0 351.8

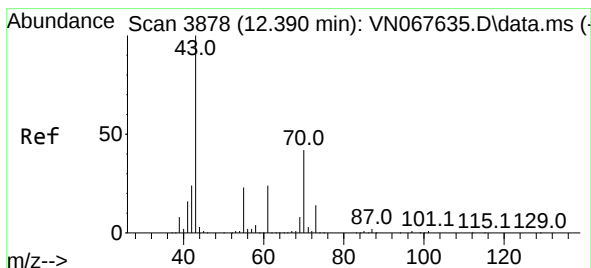
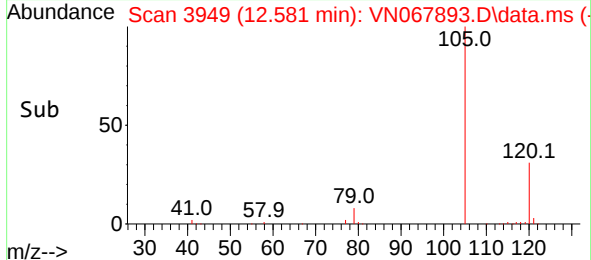
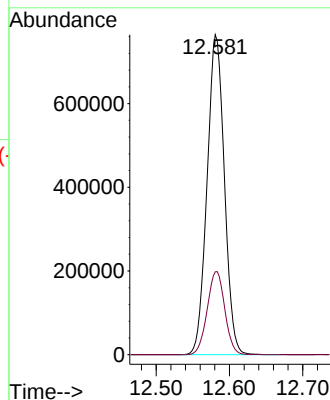
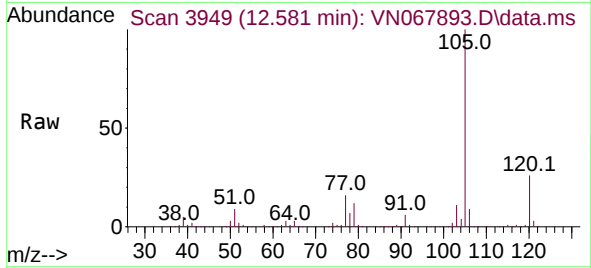




#73  
Isopropylbenzene  
Concen: 49.393 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

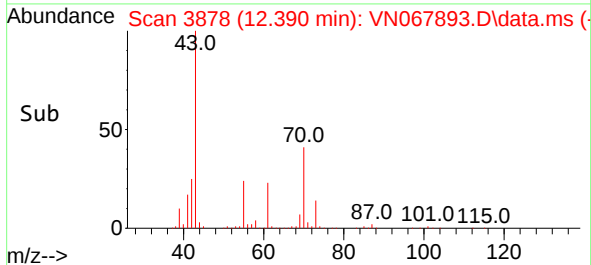
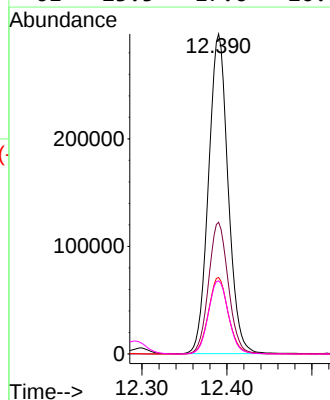
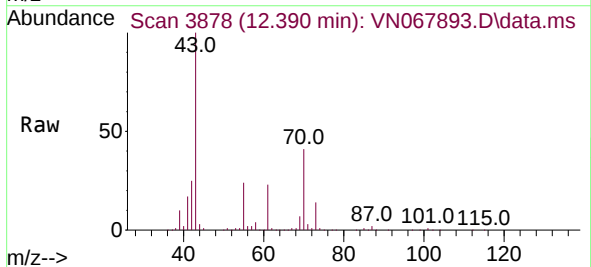
Instrument :  
MSVOA\_N  
ClientSampled :

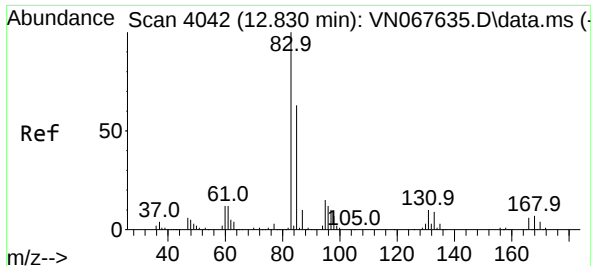
Tgt Ion:105 Resp: 1253495  
Ion Ratio Lower Upper  
105 100  
120 26.4 12.5 37.5



#74  
N-ethyl acetate  
Concen: 51.653 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 43 Resp: 475560  
Ion Ratio Lower Upper  
43 100  
70 41.5 29.4 44.2  
55 24.3 17.0 25.4  
61 23.5 17.6 26.4

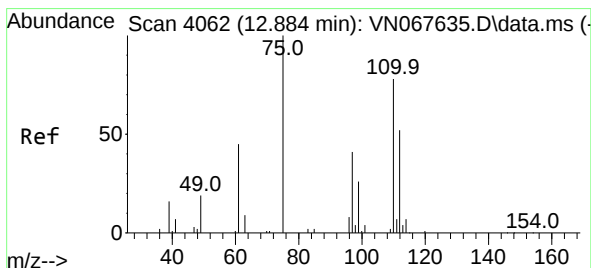
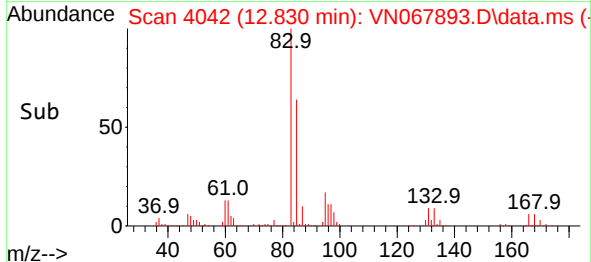
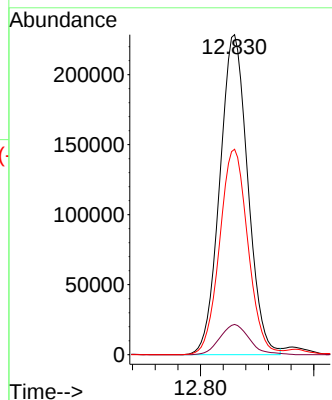
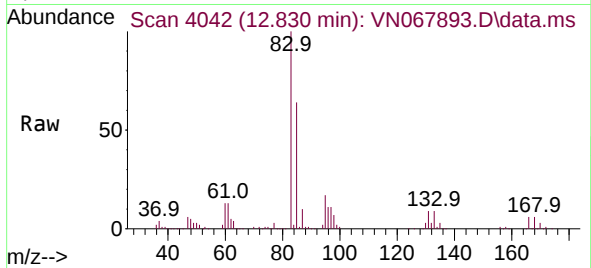




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 53.267 ug/l  
 RT: 12.830 min Scan# 4042  
 Delta R.T. 0.000 min  
 Lab File: VN067893.D  
 Acq: 23 Jul 2021 20:33

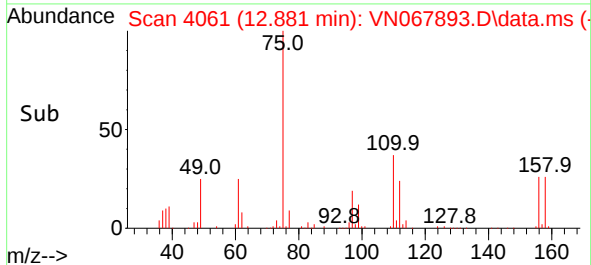
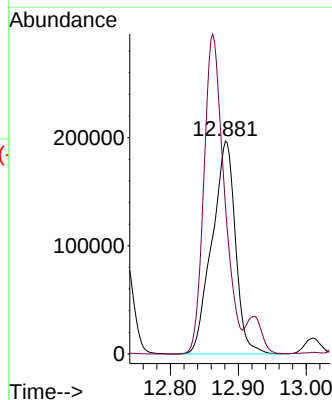
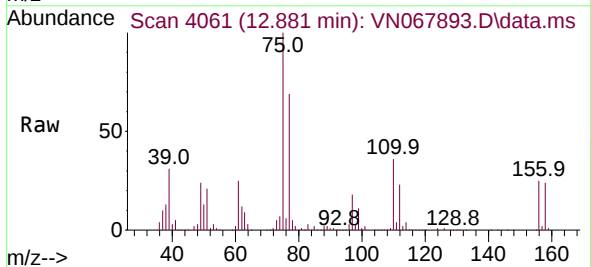
Instrument :  
 MSVOA\_N  
 ClientSampled :

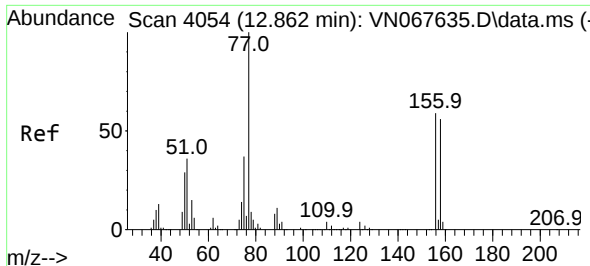
Tgt Ion: 83 Resp: 392328  
 Ion Ratio Lower Upper  
 83 100  
 131 9.9 4.8 14.4  
 85 65.0 32.2 96.6



#76  
 1,2,3-Trichloropropane  
 Concen: 73.390 ug/l  
 RT: 12.881 min Scan# 4061  
 Delta R.T. -0.003 min  
 Lab File: VN067893.D  
 Acq: 23 Jul 2021 20:33

Tgt Ion: 75 Resp: 471410  
 Ion Ratio Lower Upper  
 75 100  
 77 130.0 0.0 0.0#

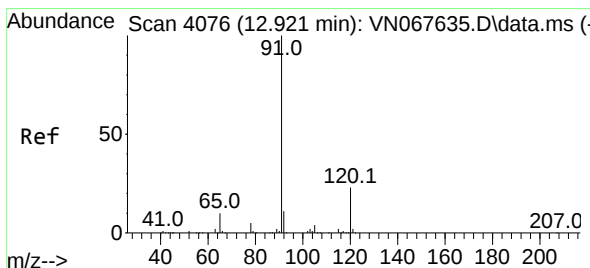
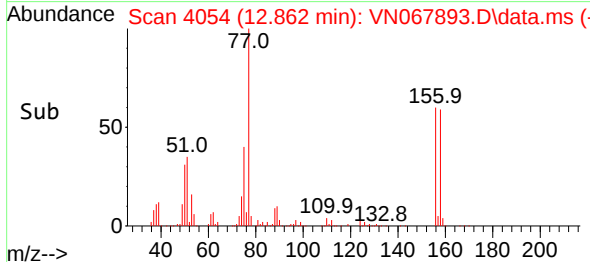
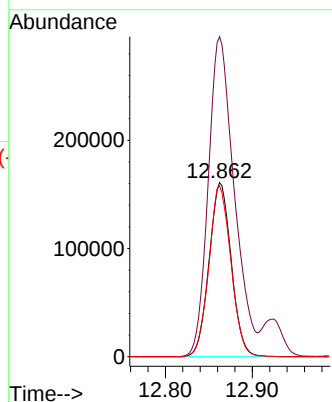
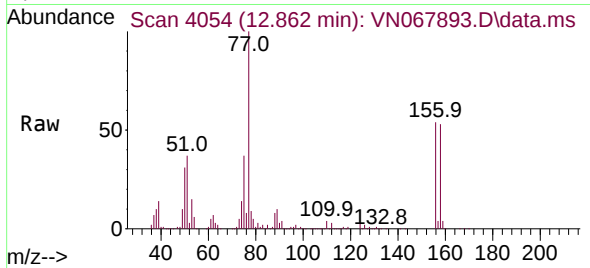




#77  
Bromobenzene  
Concen: 50.691 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

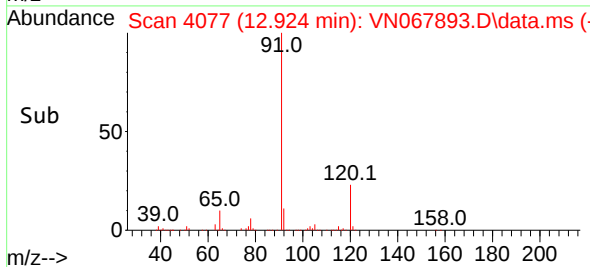
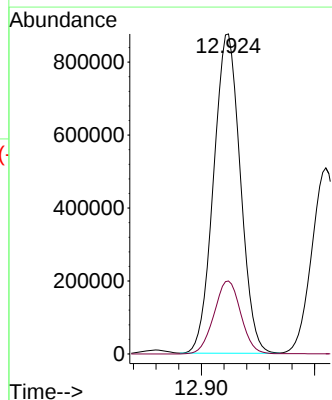
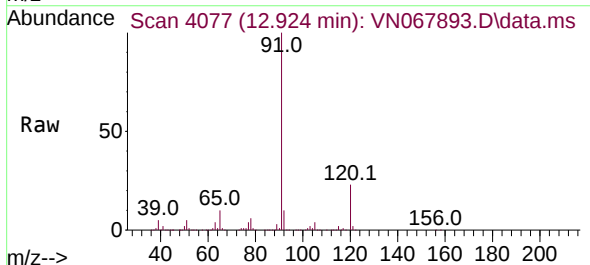
Instrument :  
MSVOA\_N  
ClientSampled :

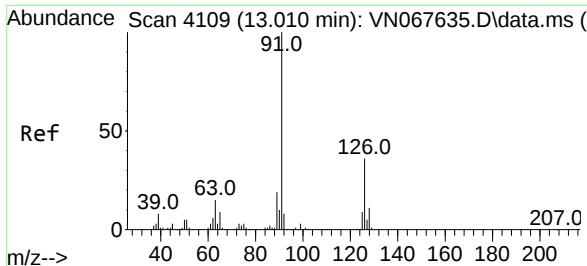
Tgt Ion:156 Resp: 284725  
Ion Ratio Lower Upper  
156 100  
77 215.2 136.2 408.6  
158 97.7 48.4 145.3



#78  
n-propylbenzene  
Concen: 49.972 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 91 Resp: 1434332  
Ion Ratio Lower Upper  
91 100  
120 23.0 10.4 31.4

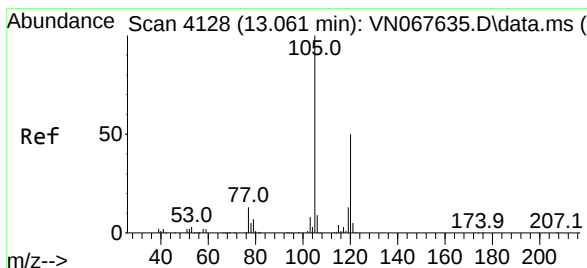
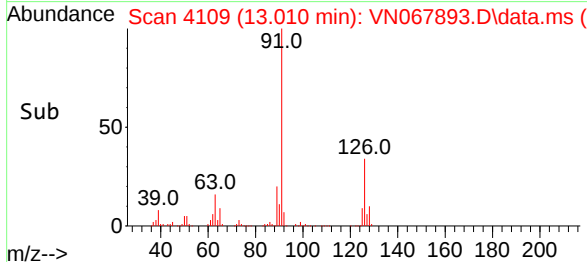
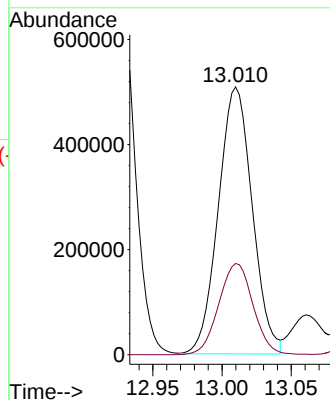
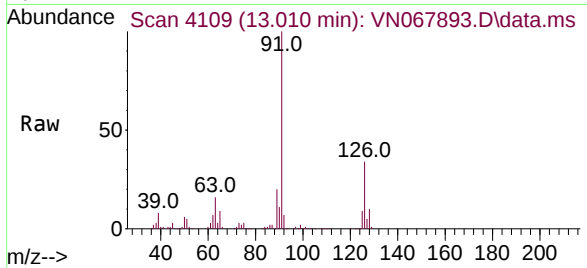




#79  
2-Chlorotoluene  
Concen: 50.008 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

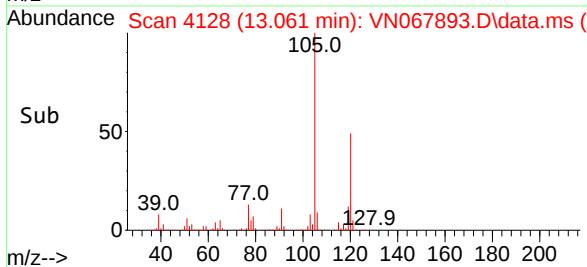
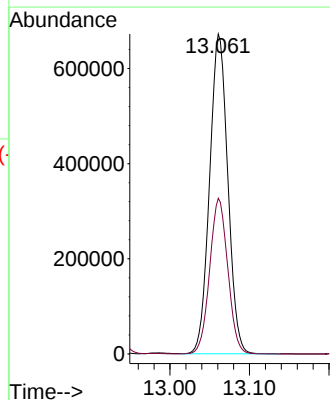
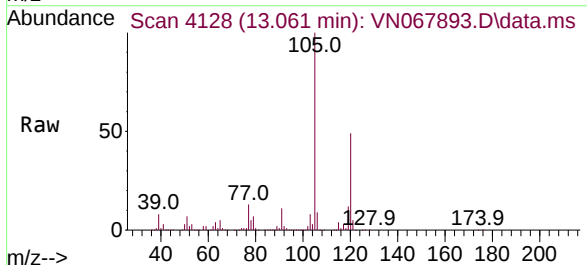
Instrument :  
MSVOA\_N  
ClientSampled :

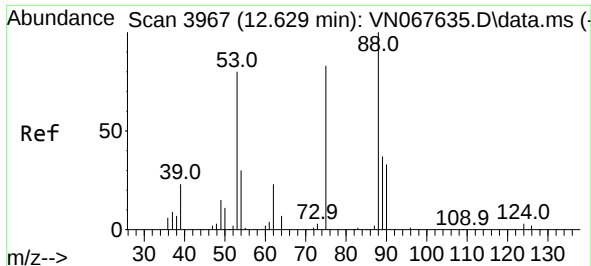
Tgt Ion: 91 Resp: 867190  
Ion Ratio Lower Upper  
91 100  
126 34.5 14.5 43.5



#80  
1,3,5-Trimethylbenzene  
Concen: 52.092 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:105 Resp: 1071163  
Ion Ratio Lower Upper  
105 100  
120 48.4 22.2 66.6

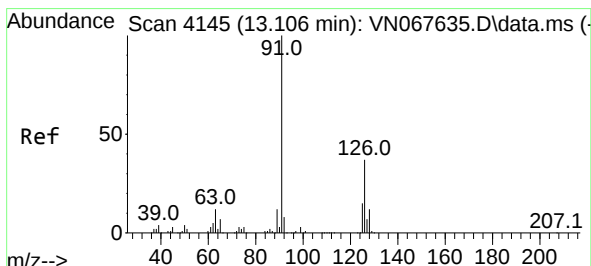
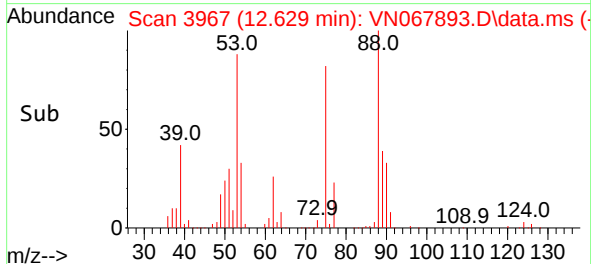
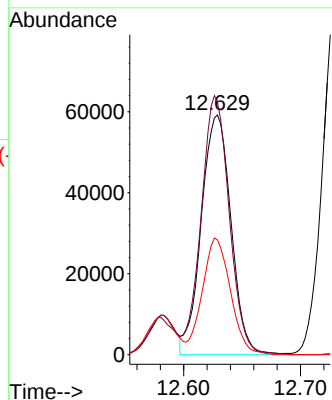
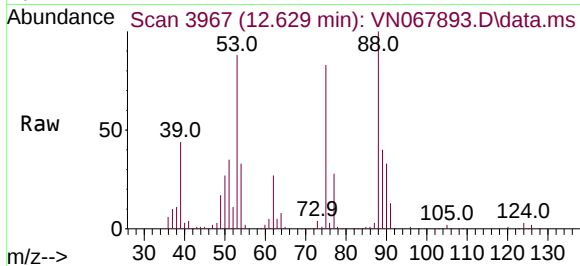




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.438 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

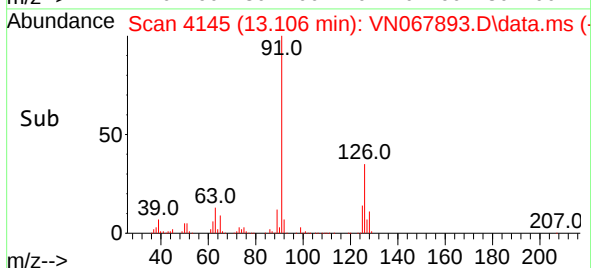
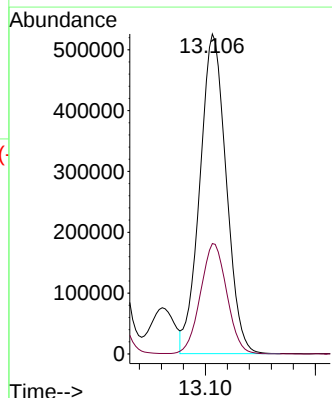
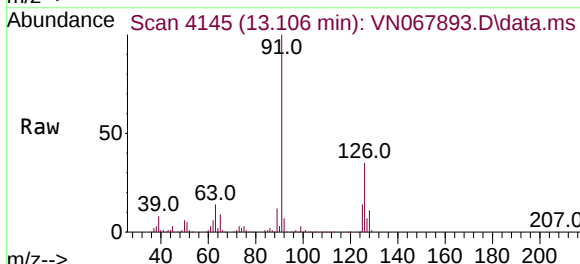
Instrument :  
MSVOA\_N  
ClientSampleId :

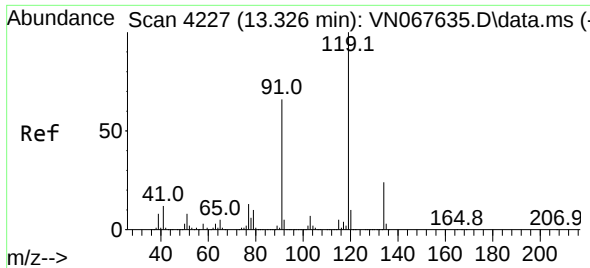
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 102.8 | 87.6  | 131.4 |
| 89      | 46.0  | 37.8  | 56.8  |



#82  
4-Chlorotoluene  
Concen: 50.881 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.6  | 14.8  | 44.4  |

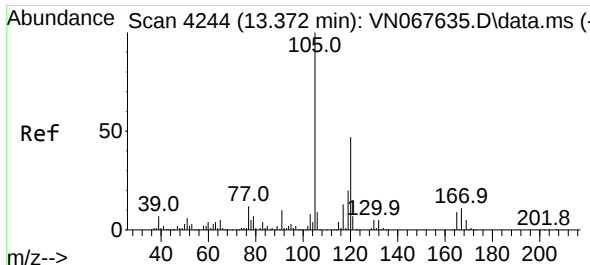
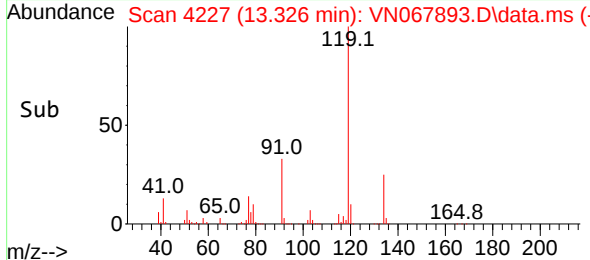
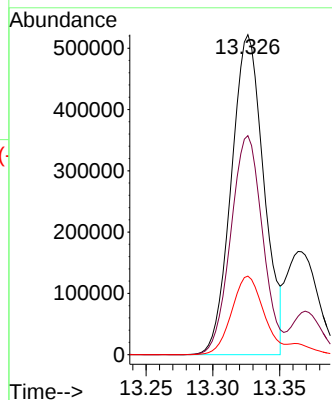
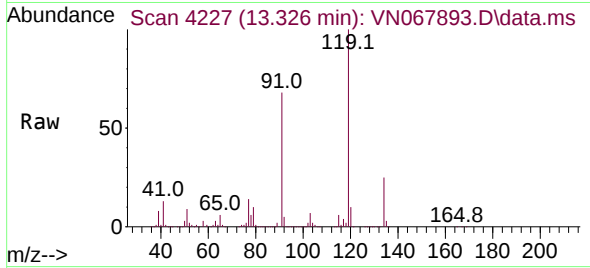




#83  
tert-Butylbenzene  
Concen: 50.477 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

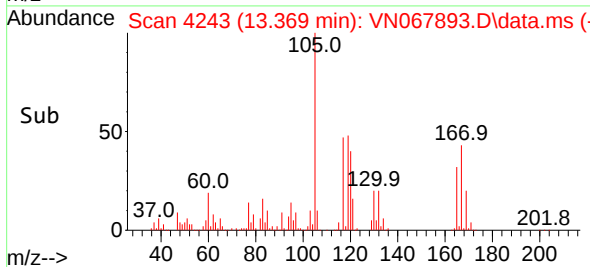
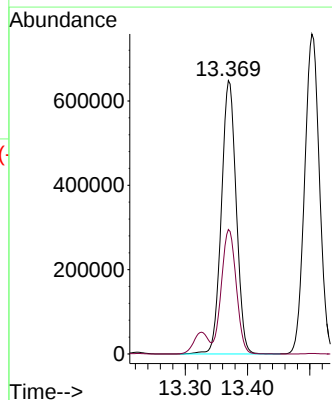
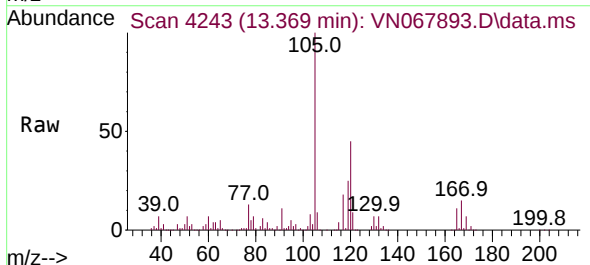
Instrument :  
MSVOA\_N  
ClientSampleId :

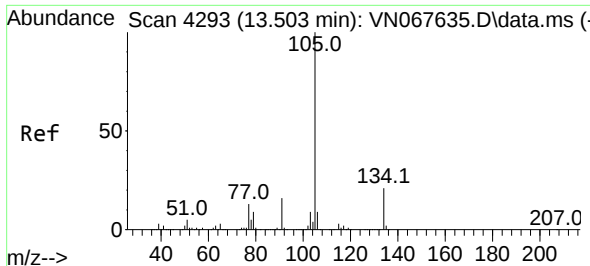
Tgt Ion:119 Resp: 885184  
Ion Ratio Lower Upper  
119 100  
91 67.4 39.5 118.5  
134 24.5 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 53.189 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. -0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

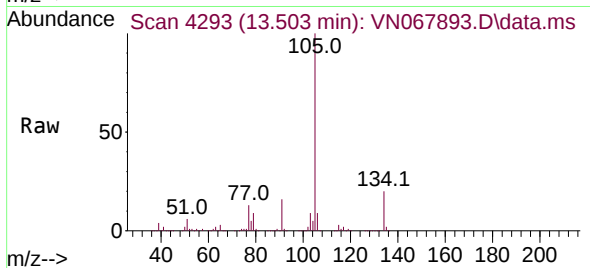
Tgt Ion:105 Resp: 1071675  
Ion Ratio Lower Upper  
105 100  
120 45.6 20.6 61.8



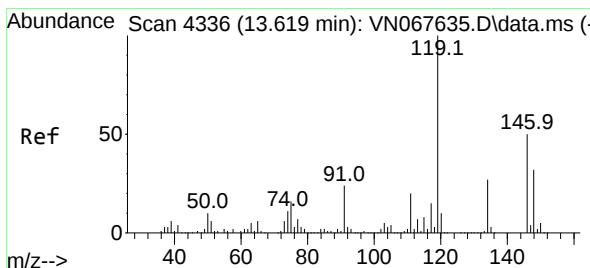
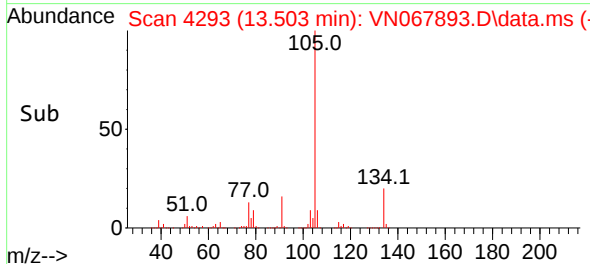
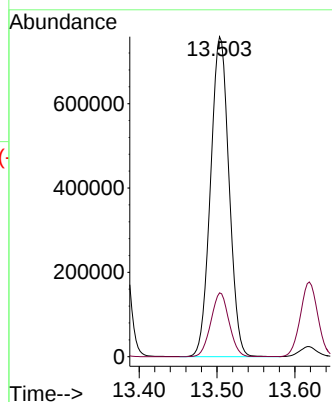


#85  
 sec-Butylbenzene  
 Concen: 51.445 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN067893.D  
 Acq: 23 Jul 2021 20:33

Instrument :  
 MSVOA\_N  
 ClientSampled :

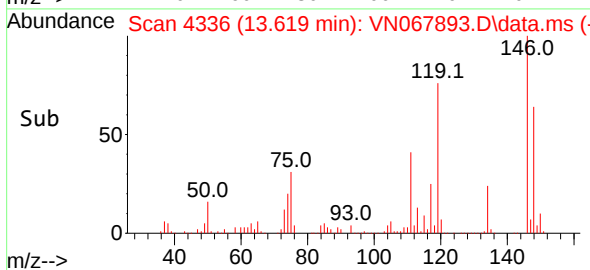
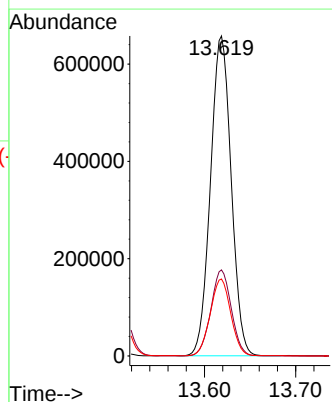
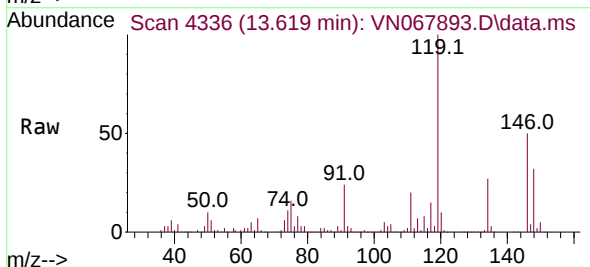


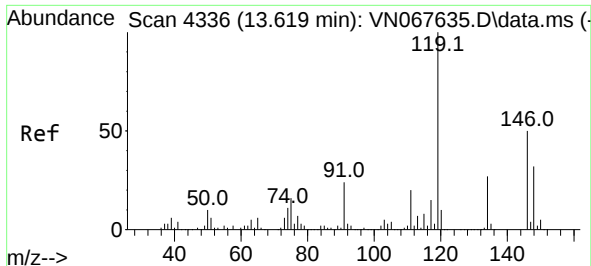
Tgt Ion:105 Resp: 1248566  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.0 27.1



#86  
 p-Isopropyltoluene  
 Concen: 52.938 ug/l  
 RT: 13.619 min Scan# 4336  
 Delta R.T. -0.000 min  
 Lab File: VN067893.D  
 Acq: 23 Jul 2021 20:33

Tgt Ion:119 Resp: 1036788  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 12.4 37.4  
 91 23.8 14.8 44.3

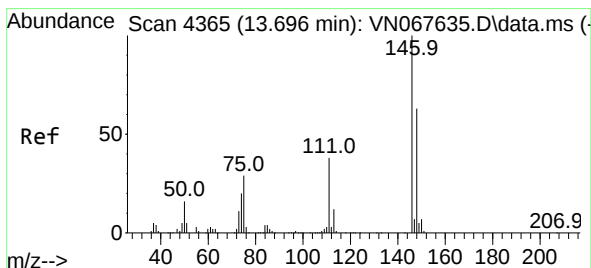
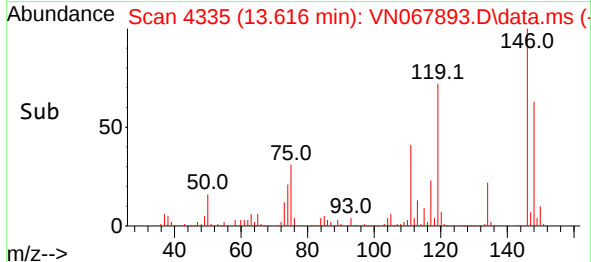
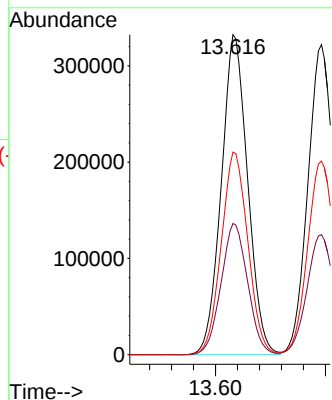
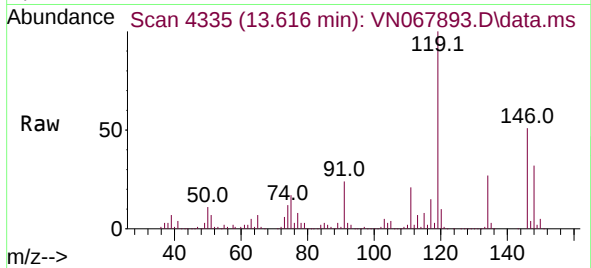




#87  
1,3-Dichlorobenzene  
Concen: 53.063 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

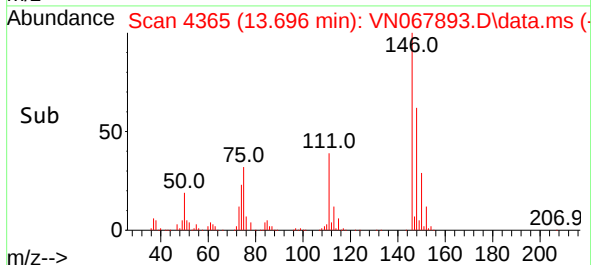
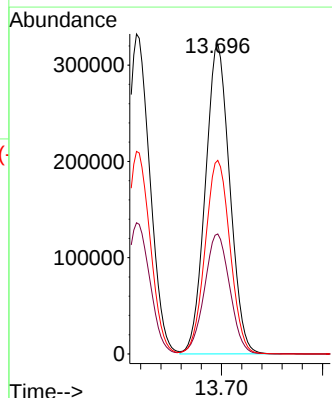
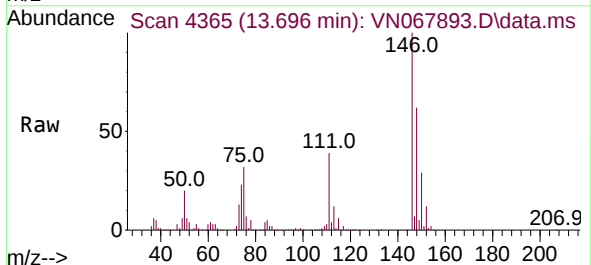
Instrument :  
MSVOA\_N  
ClientSampled :

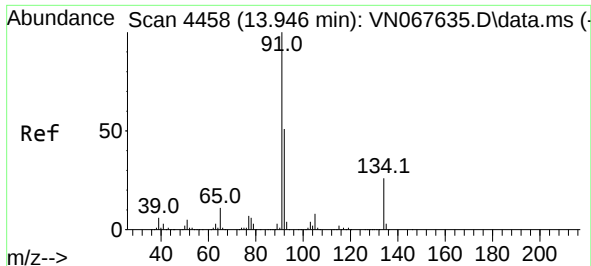
Tgt Ion:146 Resp: 552915  
Ion Ratio Lower Upper  
146 100  
111 41.5 24.3 72.8  
148 64.0 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 50.678 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:146 Resp: 540652  
Ion Ratio Lower Upper  
146 100  
111 40.0 23.4 70.2  
148 63.9 31.8 95.3

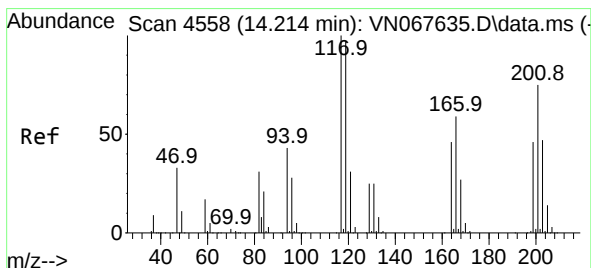
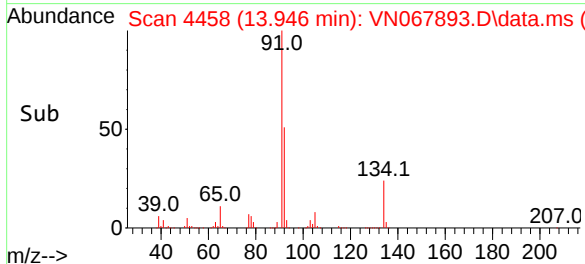
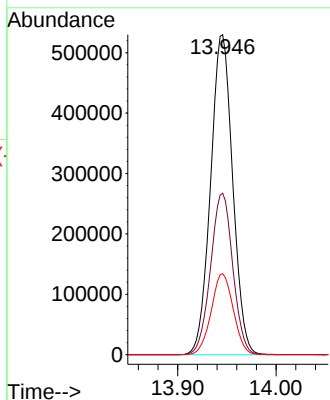
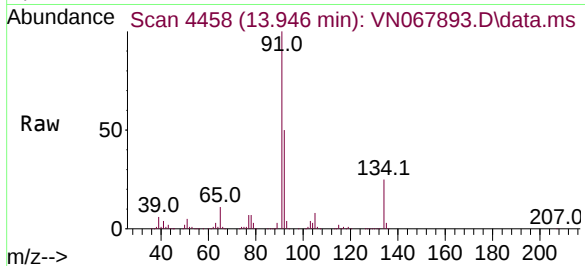




#89  
n-Butylbenzene  
Concen: 49.325 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

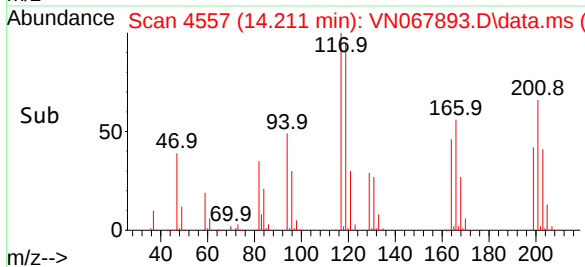
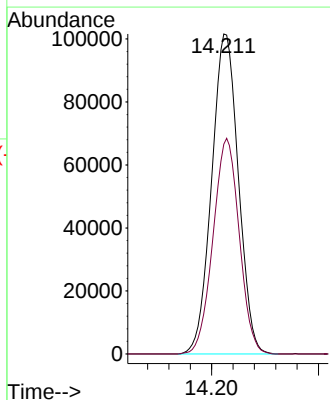
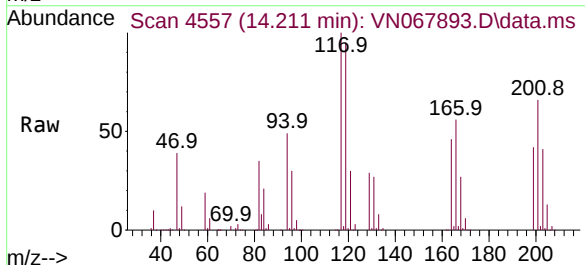
Instrument :  
MSVOA\_N  
ClientSampled :

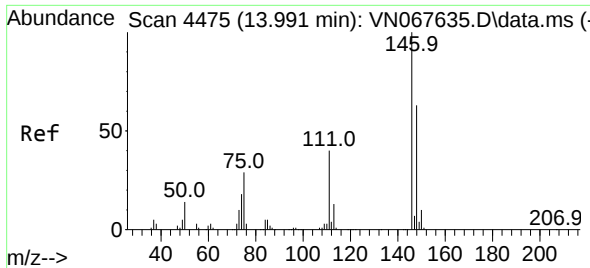
Tgt Ion: 91 Resp: 828590  
Ion Ratio Lower Upper  
91 100  
92 50.8 25.7 77.1  
134 25.4 11.2 33.6



#90  
Hexachloroethane  
Concen: 54.306 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. -0.003 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 117 Resp: 176642  
Ion Ratio Lower Upper  
117 100  
201 66.0 33.5 100.5

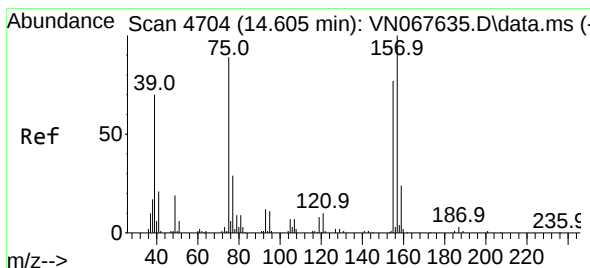
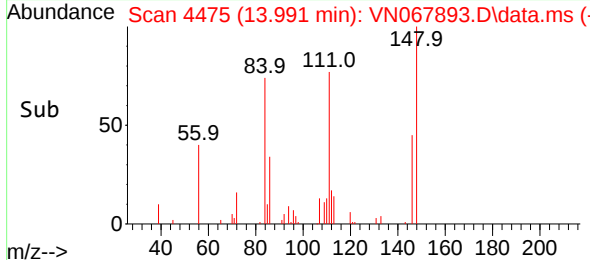
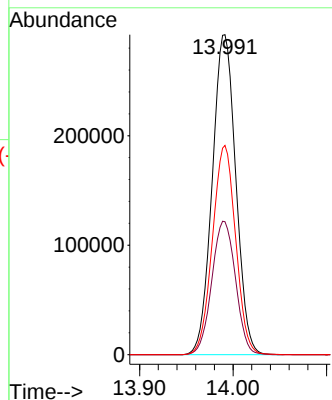
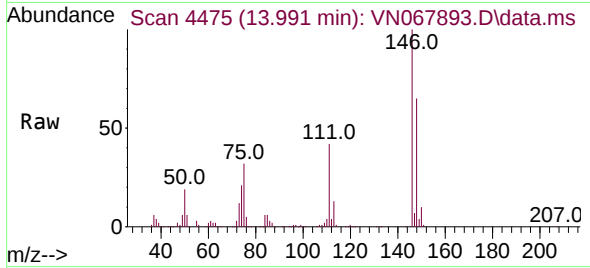




#91  
1,2-Dichlorobenzene  
Concen: 50.895 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

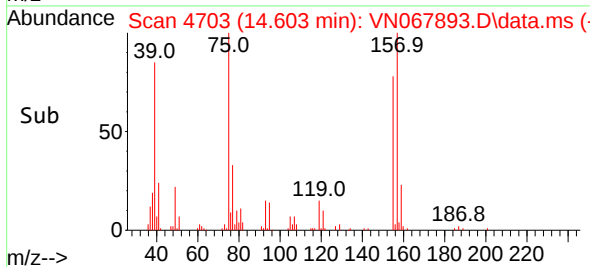
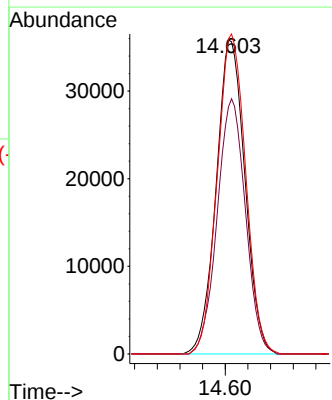
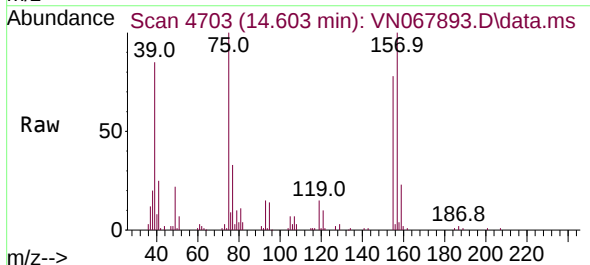
Instrument :  
MSVOA\_N  
ClientSampled :

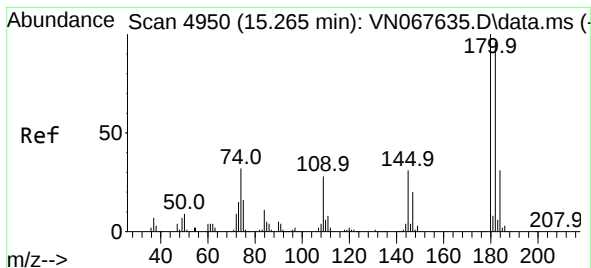
Tgt Ion:146 Resp: 511916  
Ion Ratio Lower Upper  
146 100  
111 42.0 24.9 74.6  
148 64.4 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.330 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. -0.002 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion: 75 Resp: 63104  
Ion Ratio Lower Upper  
75 100  
155 79.7 29.8 89.5  
157 101.0 37.6 112.8

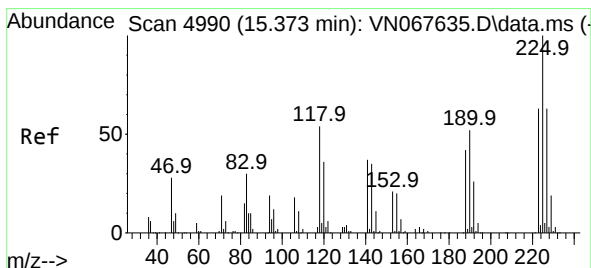
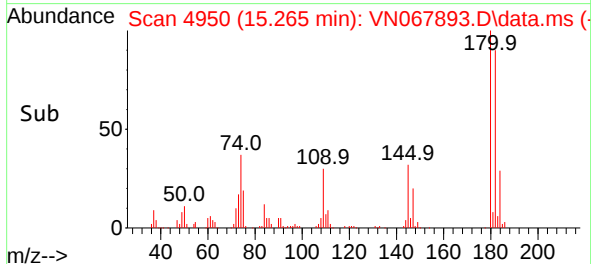
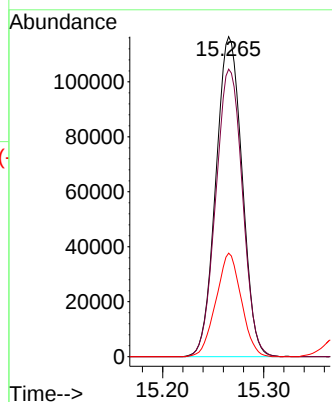
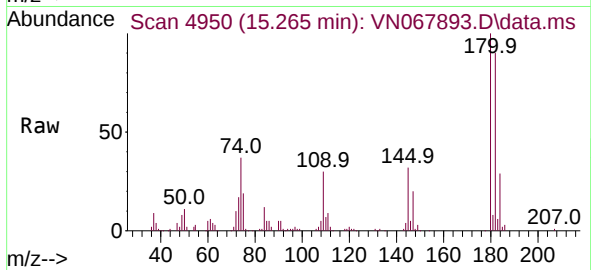




#93  
1,2,4-Trichlorobenzene  
Concen: 40.561 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

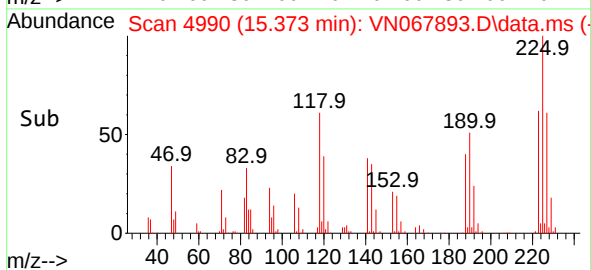
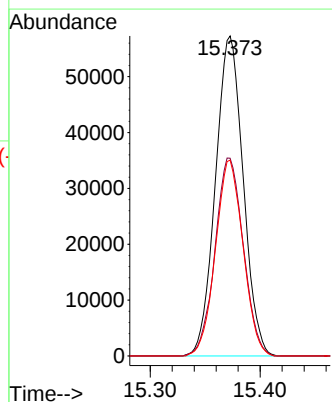
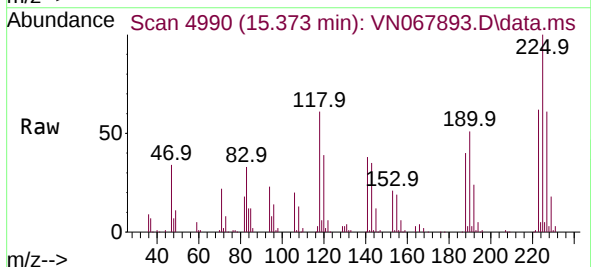
Instrument :  
MSVOA\_N  
ClientSampled :

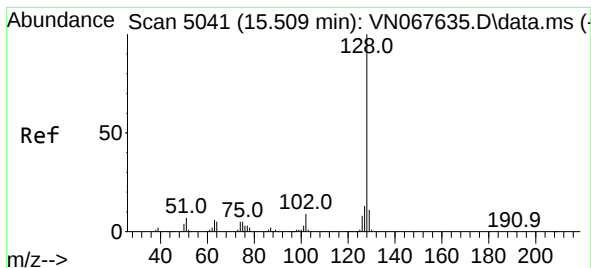
Tgt Ion:180 Resp: 209727  
Ion Ratio Lower Upper  
180 100  
182 91.6 47.5 142.5  
145 31.3 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 47.534 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. -0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:225 Resp: 100465  
Ion Ratio Lower Upper  
225 100  
223 63.1 31.4 94.0  
227 60.8 31.2 93.6

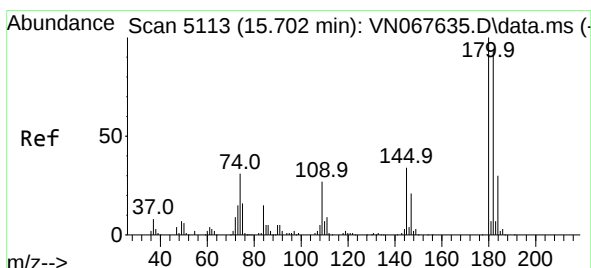
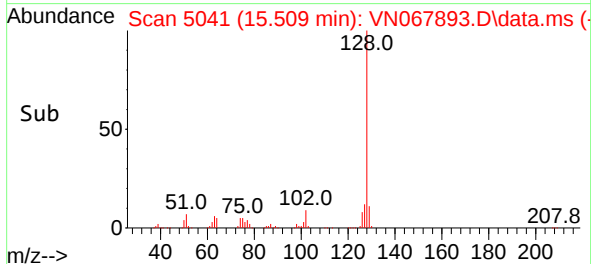
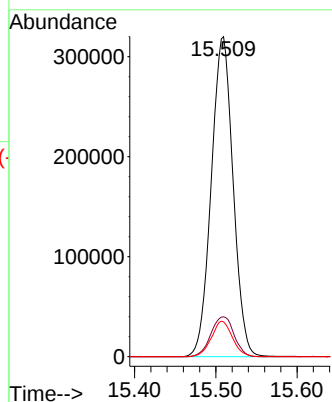
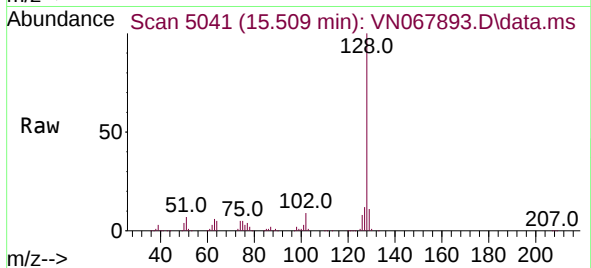




#95  
Naphthalene  
Concen: 39.420 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:128 Resp: 596625  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 15.8  
129 10.7 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 40.097 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN067893.D  
Acq: 23 Jul 2021 20:33

Tgt Ion:180 Resp: 198618  
Ion Ratio Lower Upper  
180 100  
182 96.0 47.8 143.3  
145 34.7 18.2 54.6

