

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082721\  
 Data File : VN068350.D  
 Acq On : 27 Aug 2021 17:35  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 28 01:29:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 13:09:49 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 644143   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 938169   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 928846   | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 511461   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 324264   | 47.147   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 94.300%  |
| 35) Dibromofluoromethane    | 8.021  | 113   | 306268   | 51.997   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 104.000% |
| 50) Toluene-d8              | 10.443 | 98    | 1180225  | 52.587   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 105.180% |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 425345   | 56.931   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 113.860% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 223680  | 43.825  | ug/l   | 99  |
| 3) Chloromethane             | 2.303 | 50  | 236276  | 40.974  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.443 | 62  | 396714  | 43.905  | ug/l   | 96  |
| 5) Bromomethane              | 2.840 | 94  | 344728  | 48.240  | ug/l   | 98  |
| 6) Chloroethane              | 3.011 | 64  | 285365  | 52.691  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.368 | 101 | 807455  | 45.457  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.821 | 74  | 276658  | 67.146  | ug/l   | 78  |
| 9) 1,1,2-Trichlorotrifluo... | 4.197 | 101 | 257601  | 47.431  | ug/l # | 84  |
| 10) Methyl Iodide            | 4.414 | 142 | 326127  | 42.230  | ug/l # | 88  |
| 11) Tert butyl alcohol       | 5.393 | 59  | 213872  | 249.357 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.173 | 96  | 240258  | 46.009  | ug/l # | 76  |
| 13) Acrolein                 | 4.038 | 56  | 79721   | 136.876 | ug/l   | 99  |
| 14) Allyl chloride           | 4.832 | 41  | 318984  | 47.789  | ug/l # | 94  |
| 15) Acrylonitrile            | 5.556 | 53  | 605576  | 250.606 | ug/l   | 99  |
| 16) Acetone                  | 4.291 | 43  | 479390  | 238.731 | ug/l # | 88  |
| 17) Carbon Disulfide         | 4.521 | 76  | 599766  | 44.429  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.859 | 43  | 279742  | 54.914  | ug/l # | 85  |
| 19) Methyl tert-butyl Ether  | 5.621 | 73  | 876134  | 52.041  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.093 | 84  | 300900  | 54.350  | ug/l # | 80  |
| 21) trans-1,2-Dichloroethene | 5.594 | 96  | 283746  | 48.535  | ug/l # | 78  |
| 22) Diisopropyl ether        | 6.501 | 45  | 757217  | 51.930  | ug/l # | 91  |
| 23) Vinyl Acetate            | 6.436 | 43  | 2580478 | 227.351 | ug/l # | 87  |
| 24) 1,1-Dichloroethane       | 6.385 | 63  | 465783  | 47.810  | ug/l   | 96  |
| 25) 2-Butanone               | 7.340 | 43  | 784254  | 250.605 | ug/l # | 84  |
| 26) 2,2-Dichloropropane      | 7.324 | 77  | 441210  | 52.855  | ug/l   | 89  |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 346199  | 49.456  | ug/l   | 75  |
| 28) Bromochloromethane       | 7.659 | 49  | 211456  | 49.359  | ug/l # | 36  |
| 29) Tetrahydrofuran          | 7.689 | 42  | 509263  | 254.456 | ug/l # | 77  |
| 30) Chloroform               | 7.817 | 83  | 576939  | 49.712  | ug/l   | 99  |
| 31) Cyclohexane              | 8.094 | 56  | 412846  | 45.573  | ug/l # | 84  |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 545514  | 52.708  | ug/l # | 93  |
| 36) 1,1-Dichloropropene      | 8.220 | 75  | 407479  | 53.132  | ug/l   | 90  |
| 37) Ethyl Acetate            | 7.418 | 43  | 318391  | 48.732  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 494583  | 55.914  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.461 | 83  | 515000  | 59.458  | ug/l # | 84  |
| 40) Benzene                  | 8.458 | 78  | 1249439 | 53.377  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 28 01:29:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 13:09:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.640  | 41   | 153185   | 51.354   | ug/l # | 79       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 418052   | 52.431   | ug/l   | 92       |
| 43) Isopropyl Acetate         | 8.566  | 43   | 566757   | 54.154   | ug/l # | 88       |
| 44) Trichloroethene           | 9.217  | 130  | 377676   | 53.654   | ug/l   | 74       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 297347   | 54.006   | ug/l   | 98       |
| 46) Dibromomethane            | 9.579  | 93   | 242651   | 54.027   | ug/l # | 73       |
| 47) Bromodichloromethane      | 9.765  | 83   | 470721   | 56.399   | ug/l # | 97       |
| 48) Methyl methacrylate       | 9.563  | 41   | 245127   | 56.205   | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 110422   | 1047.485 | ug/l # | 77       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 1791332  | 278.641  | ug/l   | 88       |
| 52) Toluene                   | 10.507 | 92   | 896519   | 56.182   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 497273   | 60.660   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 510063   | 57.428   | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 10.902 | 97   | 357899   | 56.124   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.765 | 69   | 490739   | 59.925   | ug/l # | 78       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 543327   | 55.318   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 437347   | 249.513  | ug/l # | 80       |
| 59) 2-Hexanone                | 11.087 | 43   | 1284256  | 287.696  | ug/l   | 85       |
| 60) Dibromochloromethane      | 11.240 | 129  | 442471   | 61.504   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.350 | 107  | 385492   | 58.289   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.979 | 164  | 381829   | 53.162   | ug/l # | 87       |
| 65) Chlorobenzene             | 11.773 | 112  | 1032040  | 54.267   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 428722   | 59.762   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.848 | 91   | 1727269  | 55.061   | ug/l   | 92       |
| 68) m/p-Xylenes               | 11.956 | 106  | 1422468  | 113.353  | ug/l   | 77       |
| 69) o-Xylene                  | 12.283 | 106  | 694377   | 57.268   | ug/l   | 77       |
| 70) Styrene                   | 12.296 | 104  | 1137671  | 58.619   | ug/l # | 89       |
| 71) Bromoform                 | 12.460 | 173  | 372971   | 64.828   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.581 | 105  | 1795281  | 49.354   | ug/l   | 93       |
| 74) N-amyl acetate            | 12.390 | 43   | 462970   | 48.878   | ug/l # | 83       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 508878   | 46.647   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 582356   | 68.504   | ug/l # | 100      |
| 77) Bromobenzene              | 12.862 | 156  | 519751   | 51.864   | ug/l   | 51       |
| 78) n-propylbenzene           | 12.924 | 91   | 1961511  | 50.269   | ug/l   | 89       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 1148056  | 47.575   | ug/l   | 80       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 1505184  | 51.150   | ug/l   | 89       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 141461   | 54.517   | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 1145261  | 48.895   | ug/l   | 82       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 1369379  | 52.405   | ug/l   | 81       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 1486247  | 51.737   | ug/l   | 89       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 1869595  | 54.337   | ug/l   | 91       |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 1631184  | 57.434   | ug/l   | 89       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 910092   | 53.258   | ug/l   | 91       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 887423   | 51.262   | ug/l   | 91       |
| 89) n-Butylbenzene            | 13.946 | 91   | 1233668  | 58.229   | ug/l   | 95       |
| 90) Hexachloroethane          | 14.211 | 117  | 291169   | 55.255   | ug/l   | 62       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 858200   | 52.749   | ug/l   | 90       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 82996    | 50.228   | ug/l # | 24       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 481640   | 56.103   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.373 | 225  | 267993   | 60.821   | ug/l   | 100      |
| 95) Naphthalene               | 15.507 | 128  | 1115968  | 55.212   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 464572   | 56.935   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082721\  
Data File : VN068350.D  
Acq On : 27 Aug 2021 17:35  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

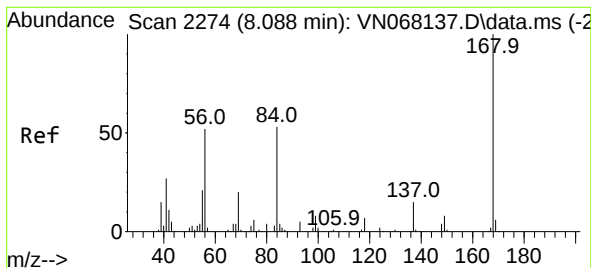
Quant Time: Aug 28 01:29:18 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration

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

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

Quant Time: Aug 28 01:29:18 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN068350.D

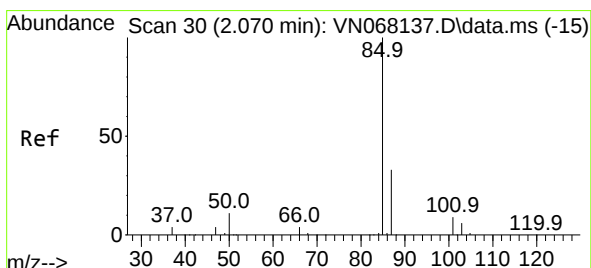
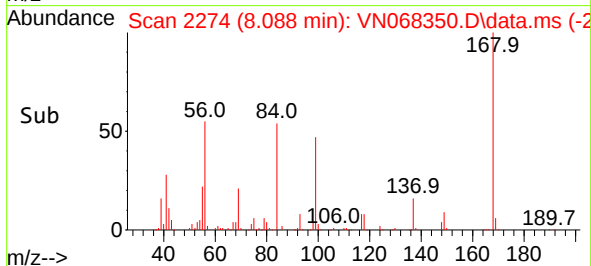
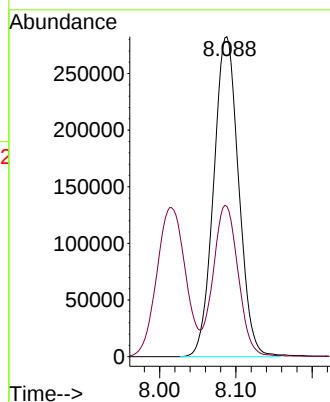
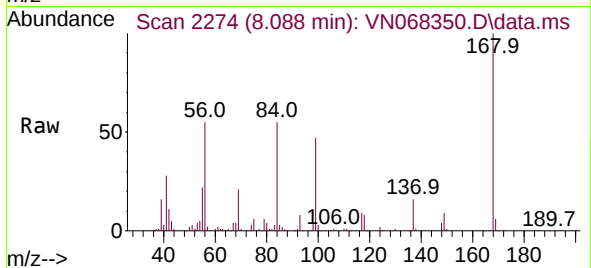
Acq: 27 Aug 2021 17:35

Tgt Ion:168 Resp: 644143

Ion Ratio Lower Upper

168 100

99 46.6 62.9 94.3#



#2

Dichlorodifluoromethane

Concen: 43.825 ug/l

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

Lab File: VN068350.D

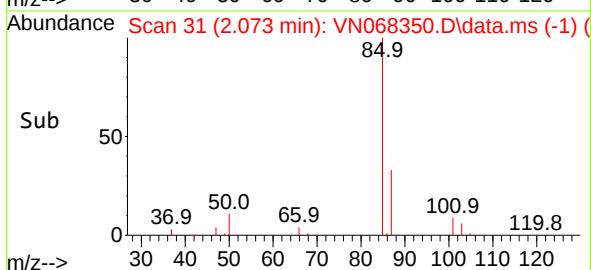
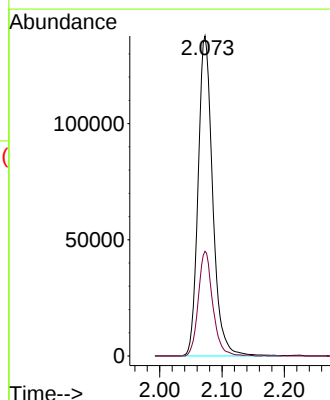
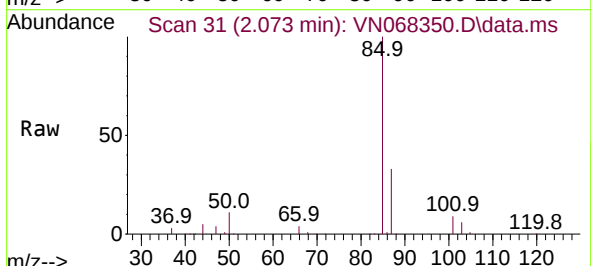
Acq: 27 Aug 2021 17:35

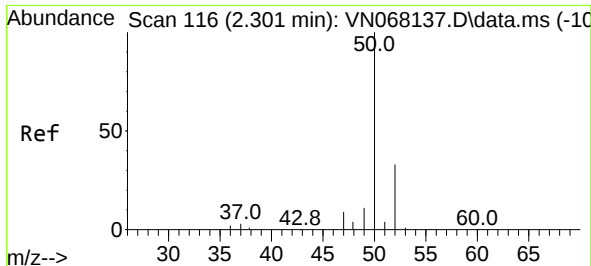
Tgt Ion: 85 Resp: 223680

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2





#3

Chloromethane

Concen: 40.974 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.002 min

Lab File: VN068350.D

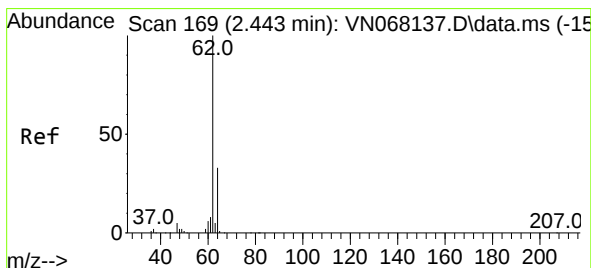
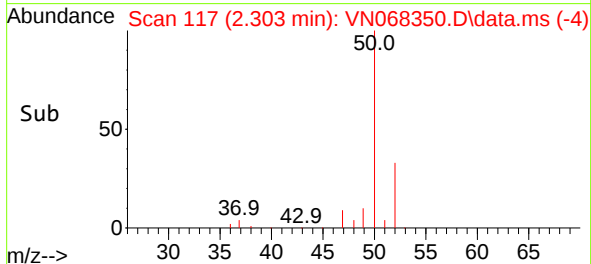
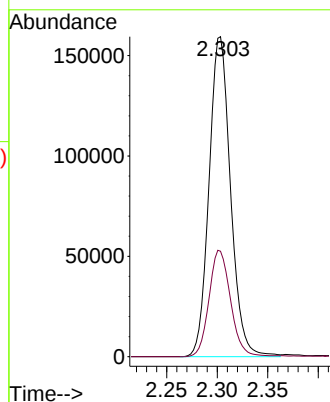
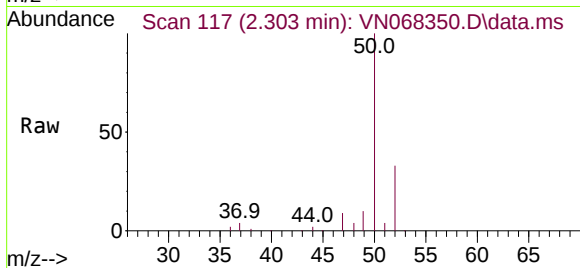
Acq: 27 Aug 2021 17:35

Tgt Ion: 50 Resp: 236276

Ion Ratio Lower Upper

50 100

52 33.0 25.6 38.4



#4

Vinyl Chloride

Concen: 43.905 ug/l

RT: 2.443 min Scan# 169

Delta R.T. -0.000 min

Lab File: VN068350.D

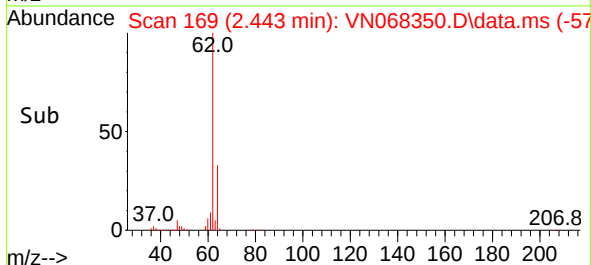
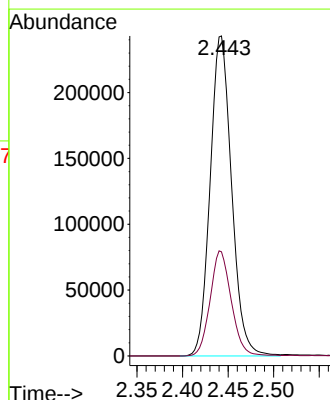
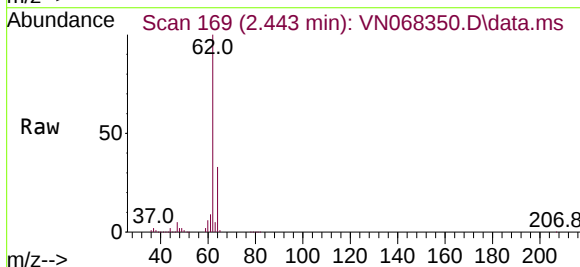
Acq: 27 Aug 2021 17:35

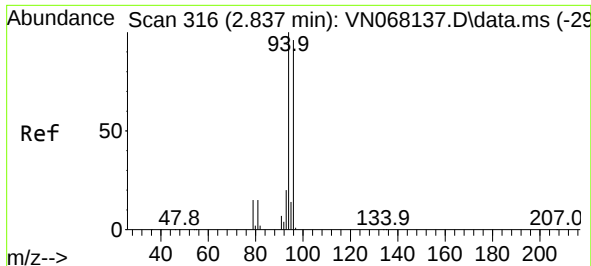
Tgt Ion: 62 Resp: 396714

Ion Ratio Lower Upper

62 100

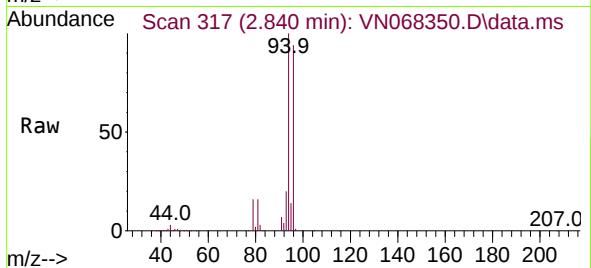
64 32.5 24.4 36.6



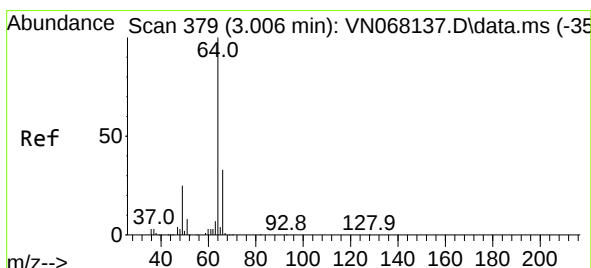
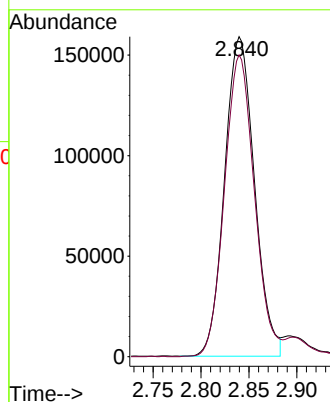
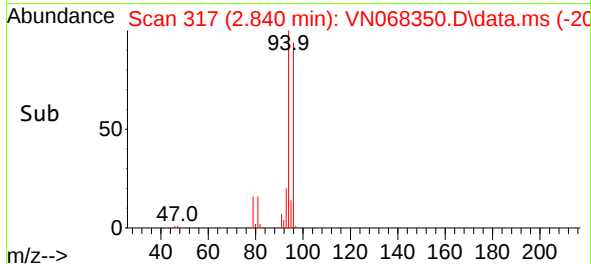


#5  
Bromomethane  
Concen: 48.240 ug/l  
RT: 2.840 min Scan# 317  
Delta R.T. 0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

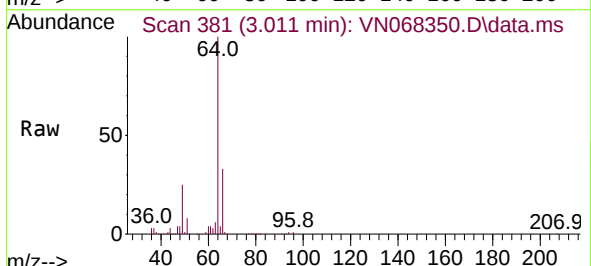
Instrument :  
MSVOA\_N  
ClientSampleId :



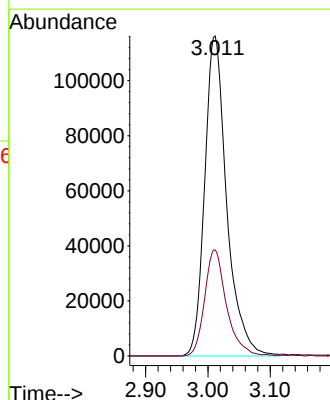
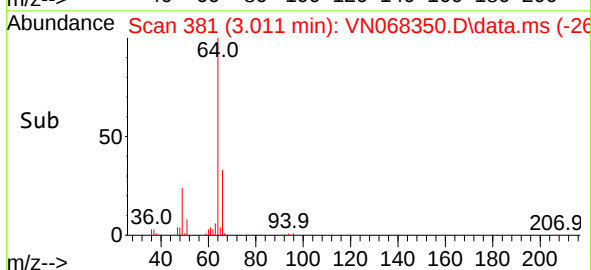
Tgt Ion: 94 Resp: 344728  
Ion Ratio Lower Upper  
94 100  
96 94.4 73.7 110.5



#6  
Chloroethane  
Concen: 52.691 ug/l  
RT: 3.011 min Scan# 381  
Delta R.T. 0.005 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35



Tgt Ion: 64 Resp: 285365  
Ion Ratio Lower Upper  
64 100  
66 33.2 24.7 37.1

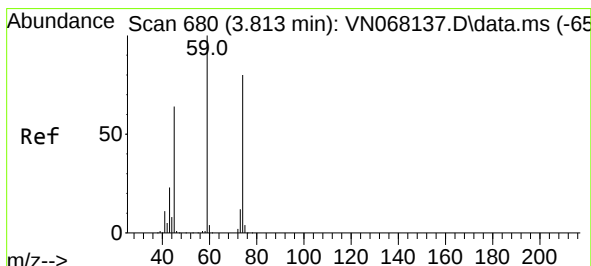
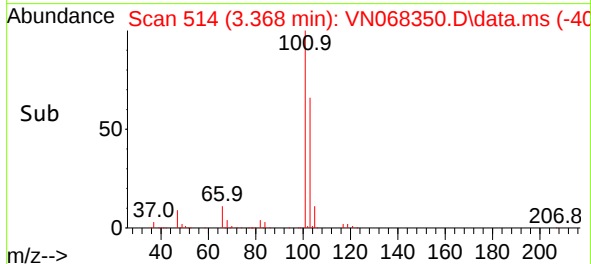
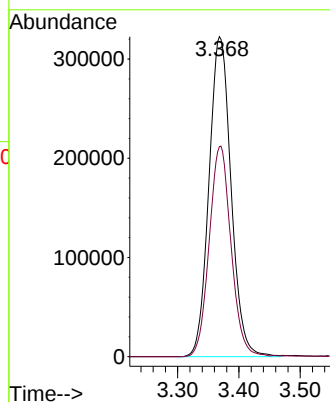
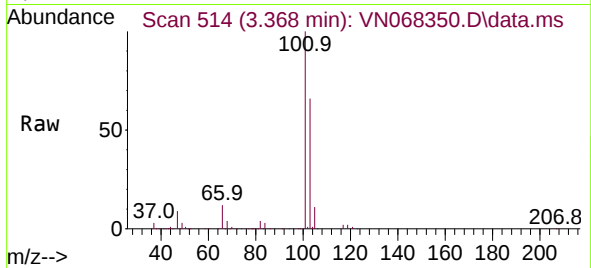




#7  
Trichlorofluoromethane  
Concen: 45.457 ug/l  
RT: 3.368 min Scan# 514  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

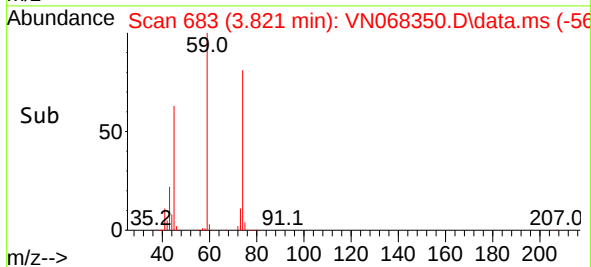
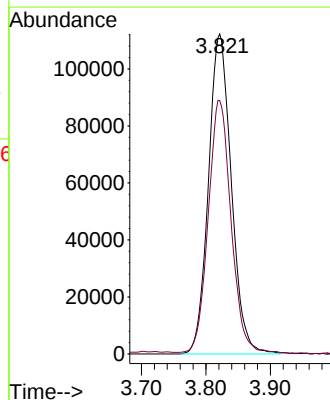
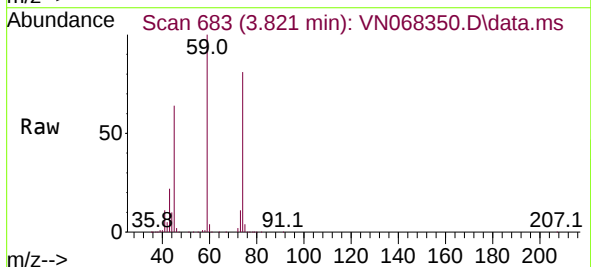
Instrument :  
MSVOA\_N  
ClientSampled :

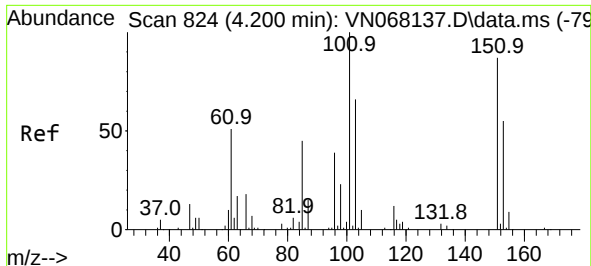
Tgt Ion:101 Resp: 807455  
Ion Ratio Lower Upper  
101 100  
103 65.6 51.2 76.8



#8  
Diethyl Ether  
Concen: 67.146 ug/l  
RT: 3.821 min Scan# 683  
Delta R.T. 0.008 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 74 Resp: 276658  
Ion Ratio Lower Upper  
74 100  
45 78.0 50.2 150.7

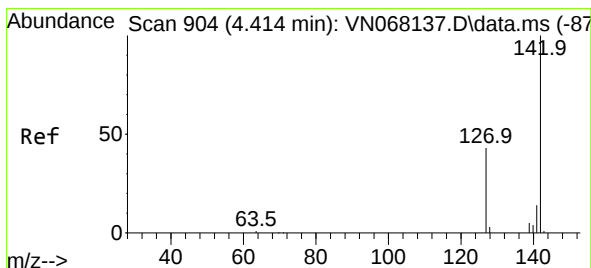
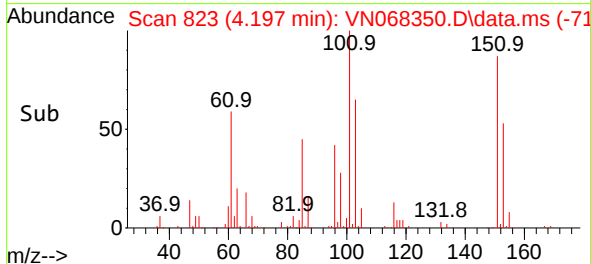
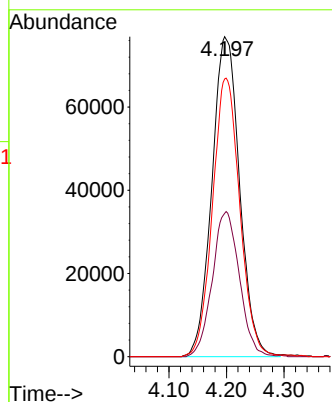
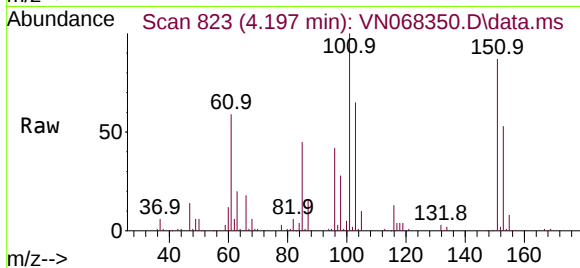




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.431 ug/l  
RT: 4.197 min Scan# 823  
Delta R.T. -0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

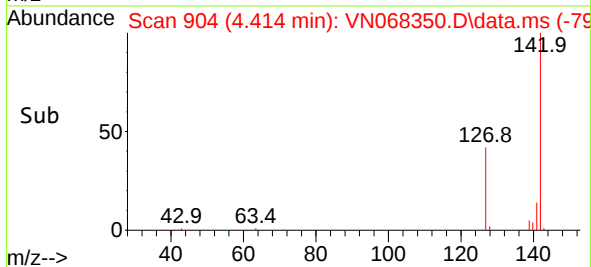
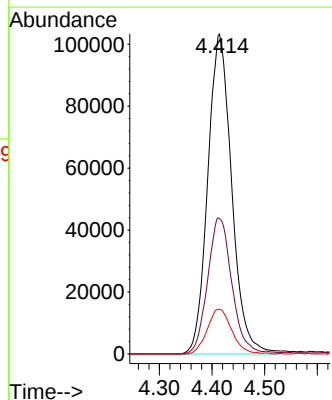
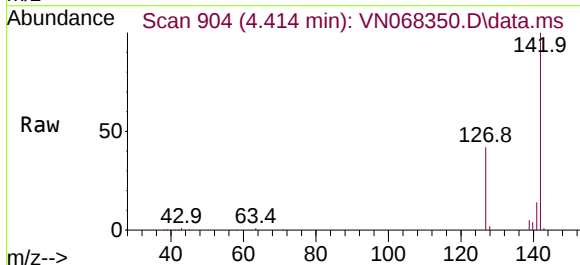
Instrument :  
MSVOA\_N  
ClientSampleId :

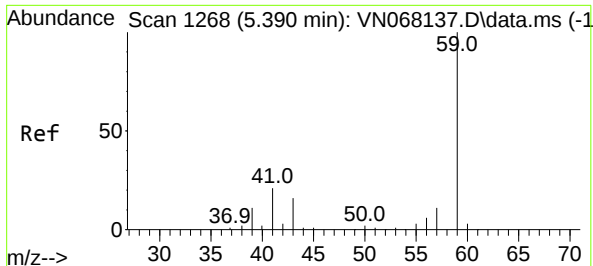
Tgt Ion:101 Resp: 257601  
Ion Ratio Lower Upper  
101 100  
85 44.3 39.6 59.4  
151 85.7 54.1 81.1#



#10  
Methyl Iodide  
Concen: 42.230 ug/l  
RT: 4.414 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:142 Resp: 326127  
Ion Ratio Lower Upper  
142 100  
127 42.9 43.1 64.7#  
141 14.3 11.4 17.0

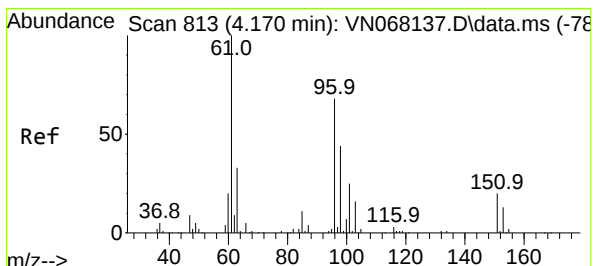
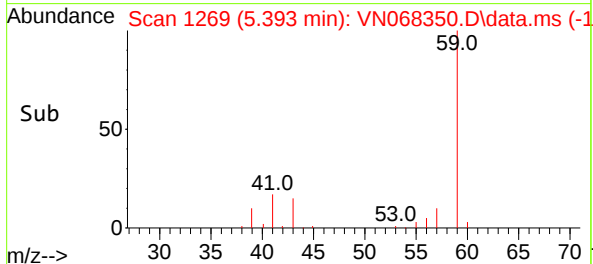
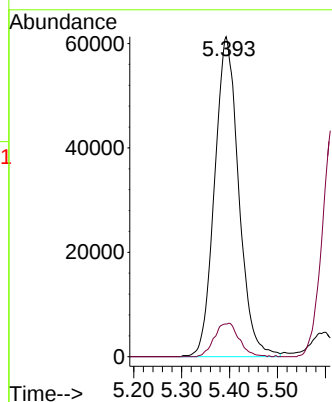
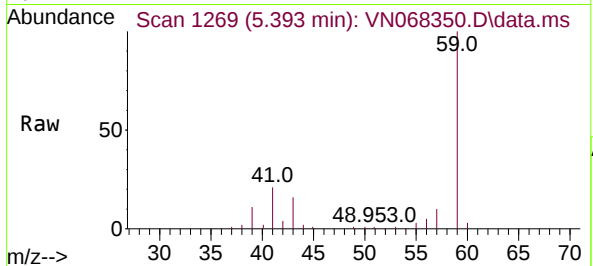




#11  
Tert butyl alcohol  
Concen: 249.357 ug/l  
RT: 5.393 min Scan# 1269  
Delta R.T. 0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

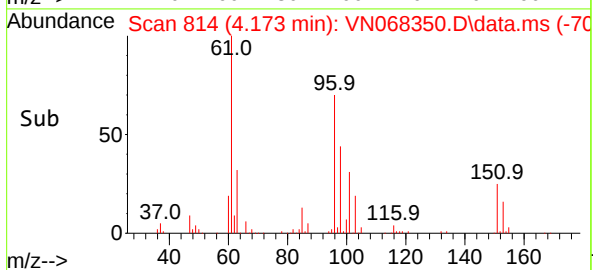
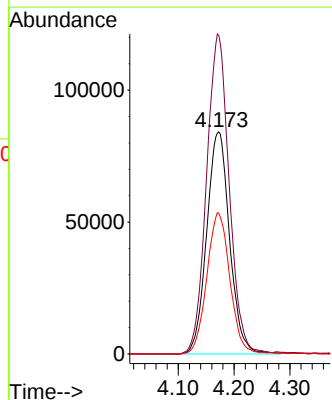
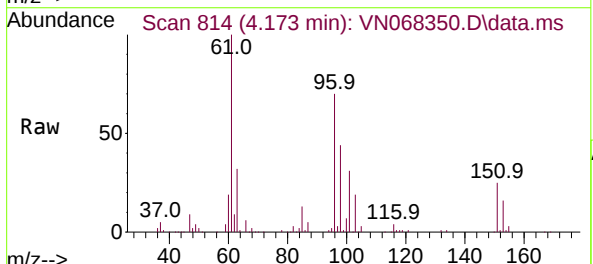
Instrument :  
MSVOA\_N  
ClientSampled :

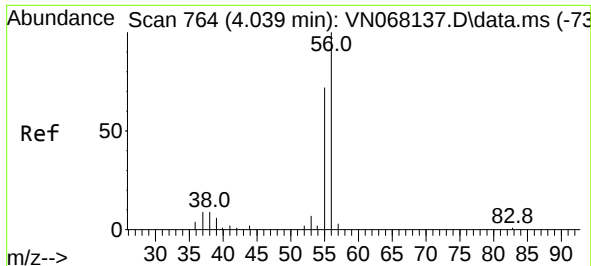
Tgt Ion: 59 Resp: 213872  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 46.009 ug/l  
RT: 4.173 min Scan# 814  
Delta R.T. 0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 96 Resp: 240258  
Ion Ratio Lower Upper  
96 100  
61 143.5 152.6 229.0#  
98 63.4 50.9 76.3

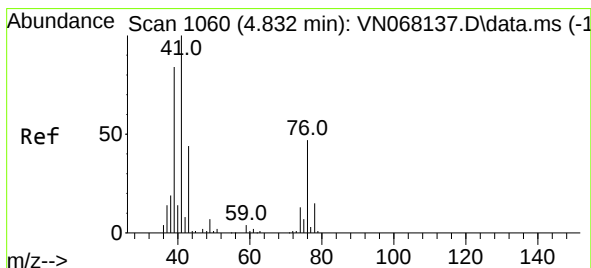
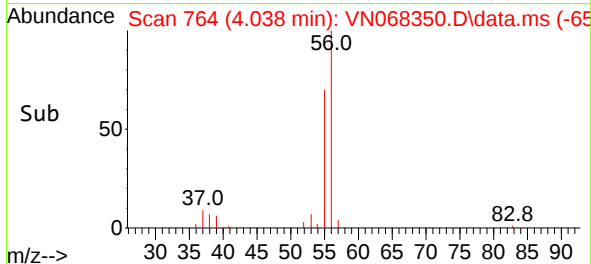
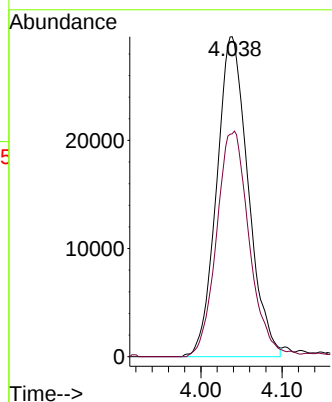
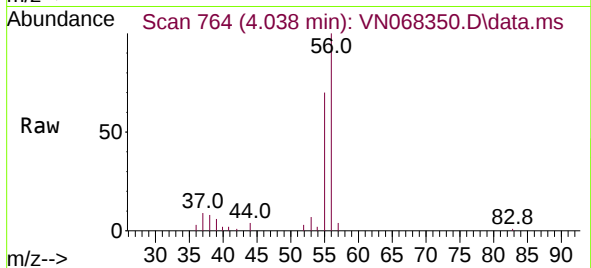




#13  
Acrolein  
Concen: 136.876 ug/l  
RT: 4.038 min Scan# 764  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

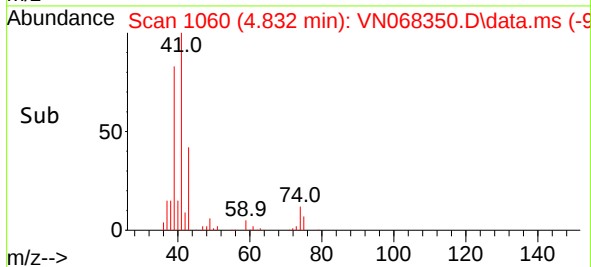
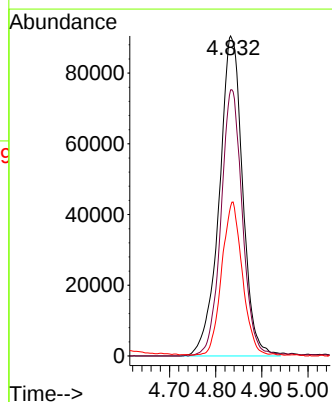
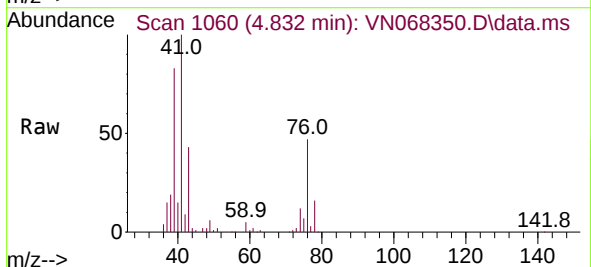
Instrument :  
MSVOA\_N  
ClientSampled :

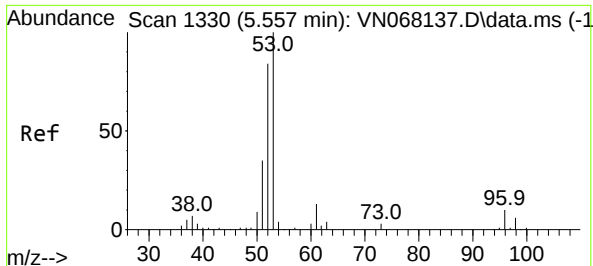
Tgt Ion: 56 Resp: 79721  
Ion Ratio Lower Upper  
56 100  
55 72.8 57.4 86.0



#14  
Allyl chloride  
Concen: 47.789 ug/l  
RT: 4.832 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 41 Resp: 318984  
Ion Ratio Lower Upper  
41 100  
39 76.3 60.9 91.3  
76 41.9 24.3 36.5#

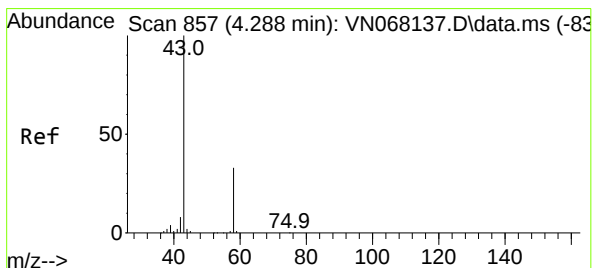
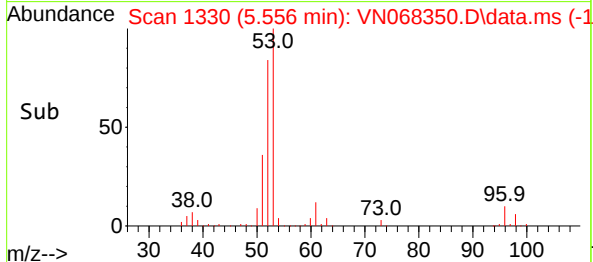
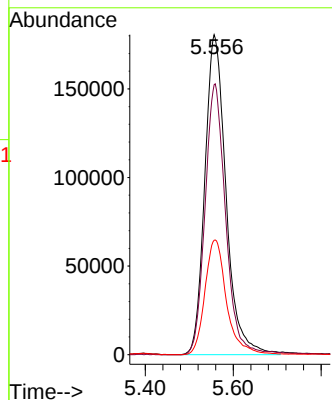
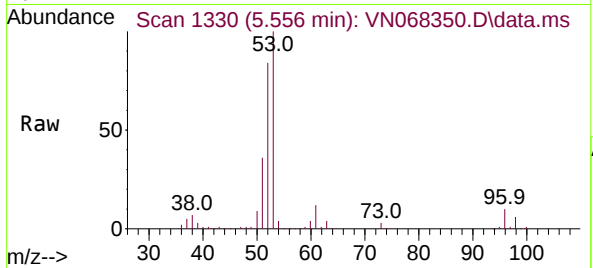




#15  
Acrylonitrile  
Concen: 250.606 ug/l  
RT: 5.556 min Scan# 1330  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

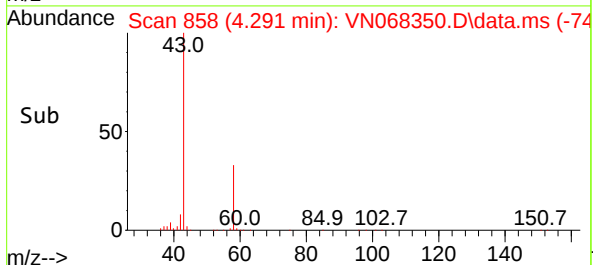
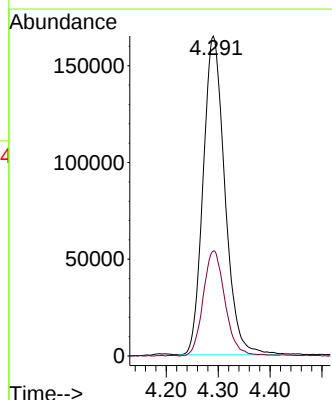
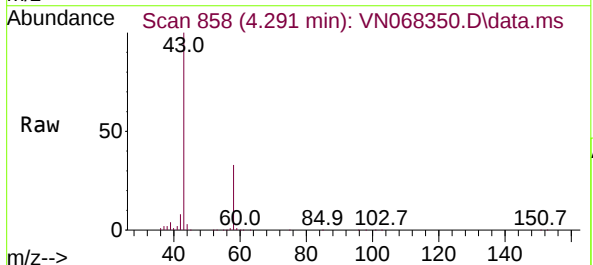
Instrument :  
MSVOA\_N  
ClientSampleId :

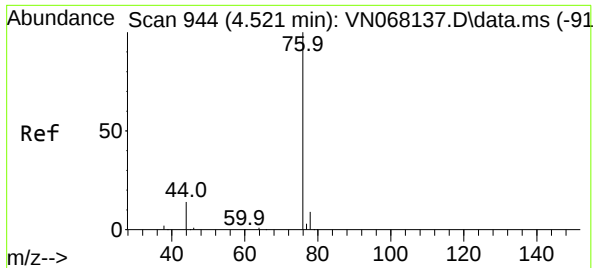
Tgt Ion: 53 Resp: 605576  
Ion Ratio Lower Upper  
53 100  
52 82.1 66.2 99.2  
51 36.6 30.2 45.4



#16  
Acetone  
Concen: 238.731 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 43 Resp: 479390  
Ion Ratio Lower Upper  
43 100  
58 32.9 21.2 31.8#

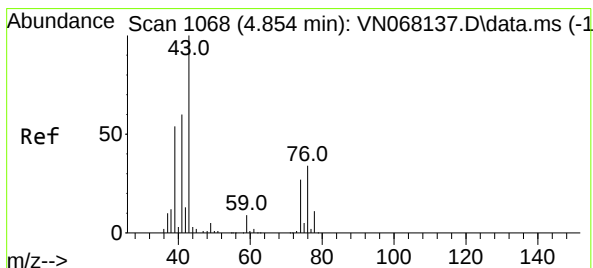
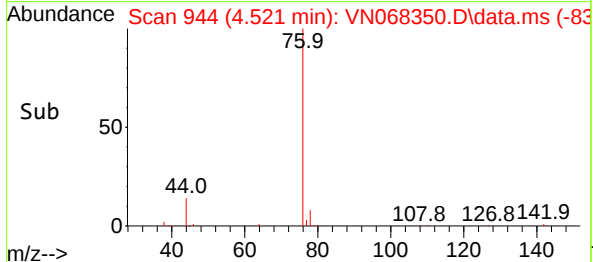
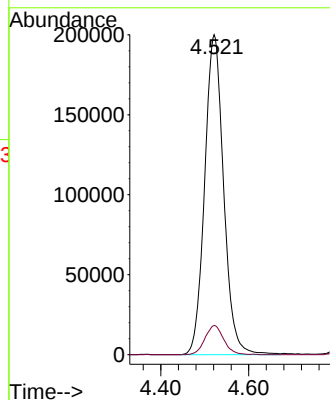
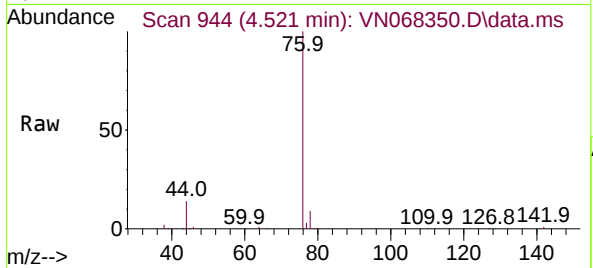




#17  
Carbon Disulfide  
Concen: 44.429 ug/l  
RT: 4.521 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

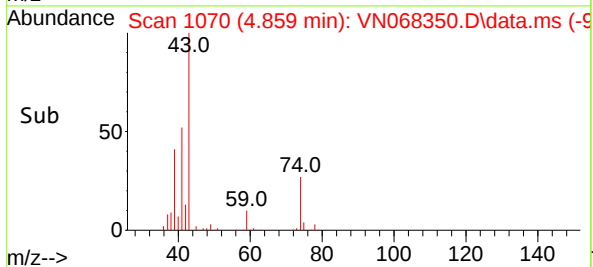
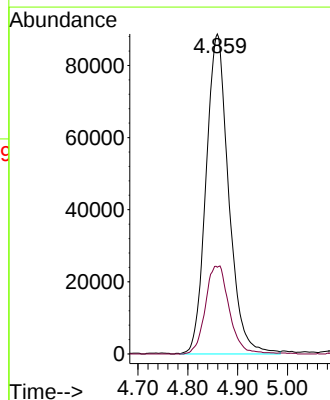
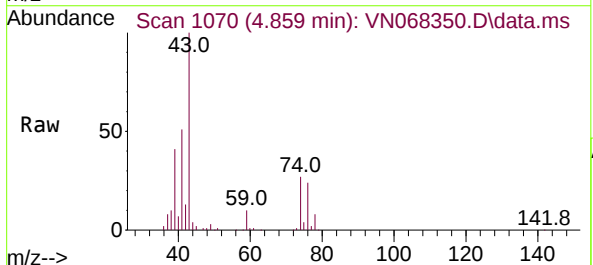
Instrument :  
MSVOA\_N  
ClientSampled :

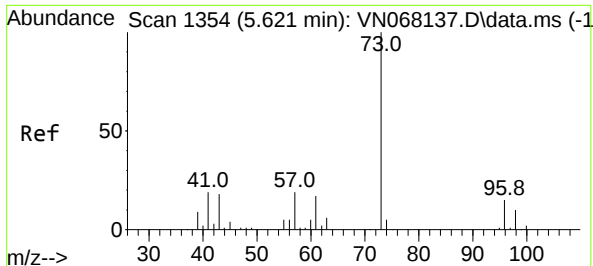
Tgt Ion: 76 Resp: 599766  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.7 11.5



#18  
Methyl Acetate  
Concen: 54.914 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.005 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 43 Resp: 279742  
Ion Ratio Lower Upper  
43 100  
74 29.0 17.4 26.0#



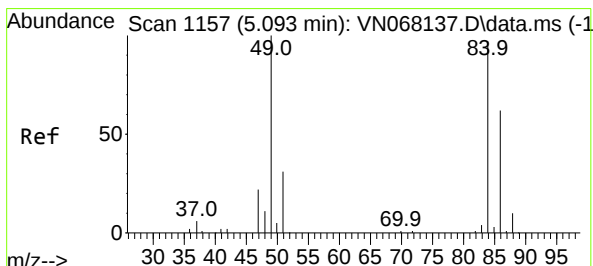
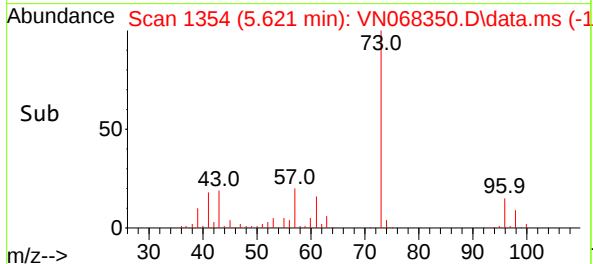
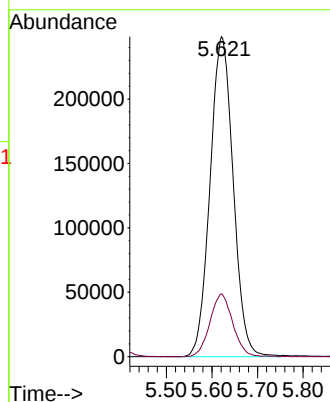
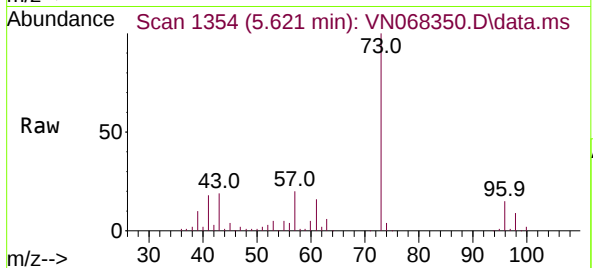


#19

Methyl tert-butyl Ether  
Concen: 52.041 ug/l  
RT: 5.621 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Instrument :  
MSVOA\_N  
ClientSampled :

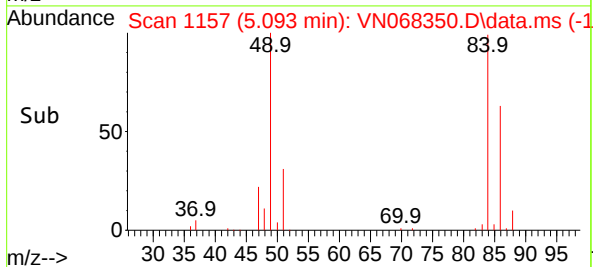
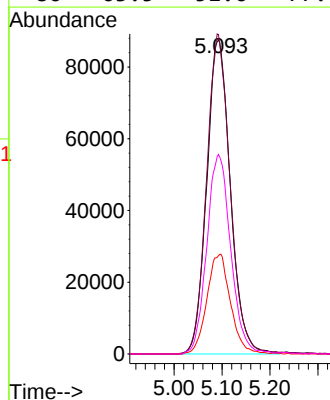
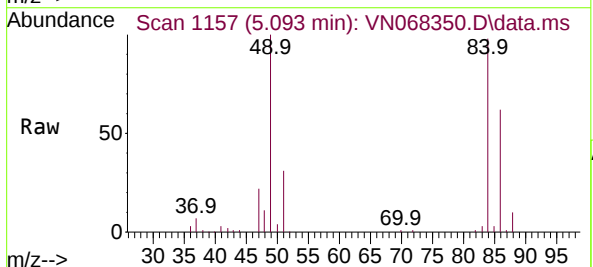
Tgt Ion: 73 Resp: 876134  
Ion Ratio Lower Upper  
73 100  
57 19.7 17.0 25.6

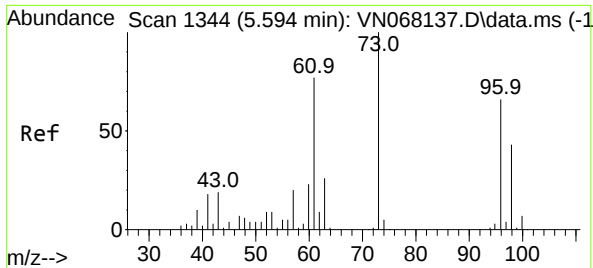


#20

Methylene Chloride  
Concen: 54.350 ug/l  
RT: 5.093 min Scan# 1157  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 84 Resp: 300900  
Ion Ratio Lower Upper  
84 100  
49 101.6 110.9 166.3#  
51 31.3 32.6 49.0#  
86 63.5 51.6 77.4

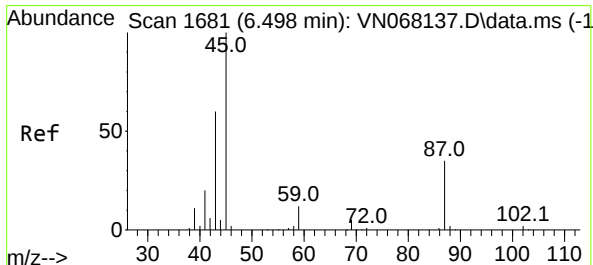
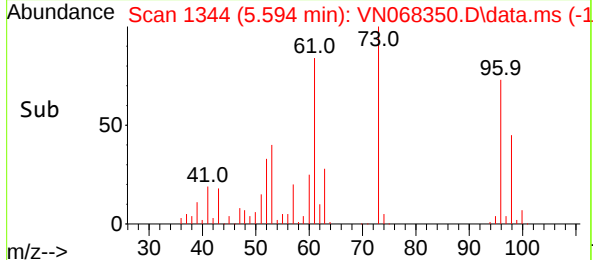
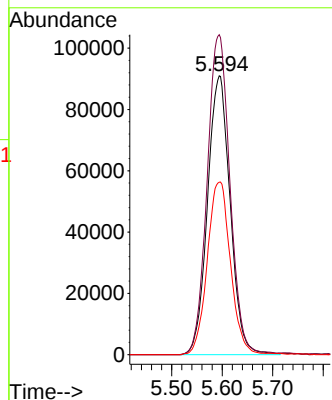
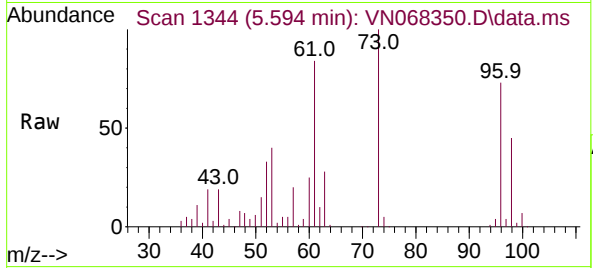




#21  
trans-1,2-Dichloroethene  
Concen: 48.535 ug/l  
RT: 5.594 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

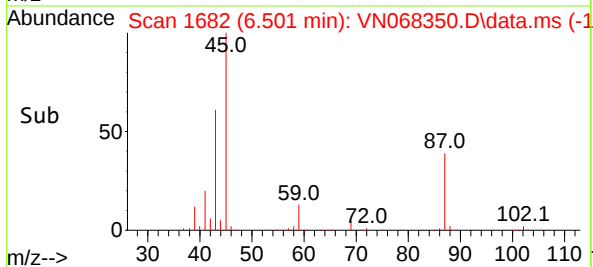
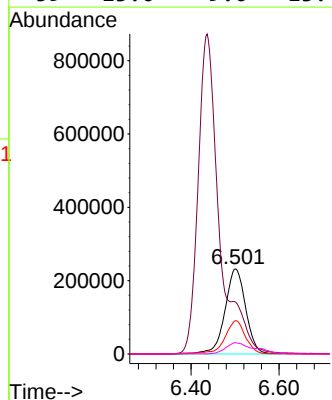
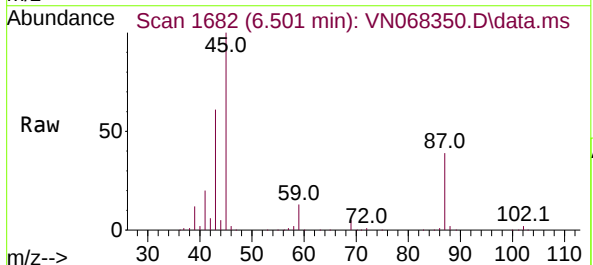
Instrument :  
MSVOA\_N  
ClientSampled :

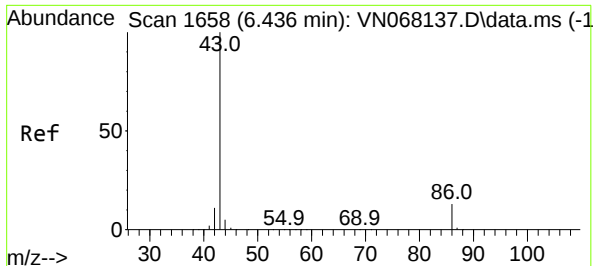
Tgt Ion: 96 Resp: 283746  
Ion Ratio Lower Upper  
96 100  
61 114.8 123.5 185.3#  
98 61.9 48.6 72.8



#22  
Diisopropyl ether  
Concen: 51.930 ug/l  
RT: 6.501 min Scan# 1682  
Delta R.T. 0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 45 Resp: 757217  
Ion Ratio Lower Upper  
45 100  
43 59.7 49.4 74.2  
87 38.9 20.9 31.3#  
59 13.0 9.0 13.4

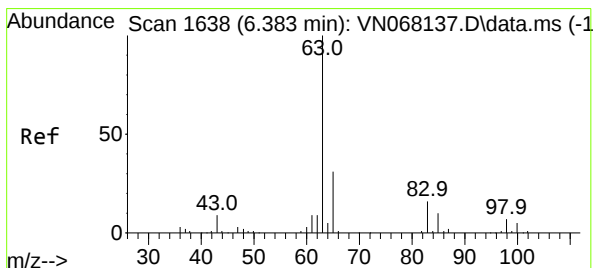
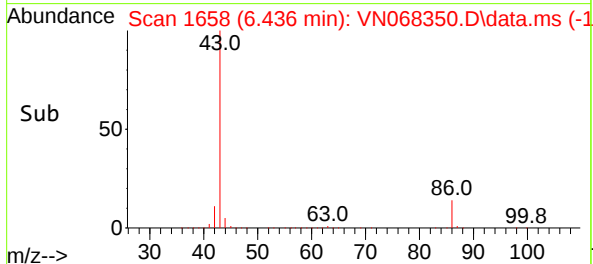
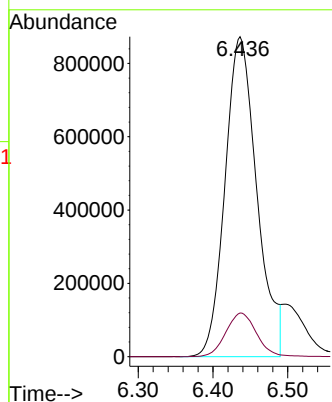
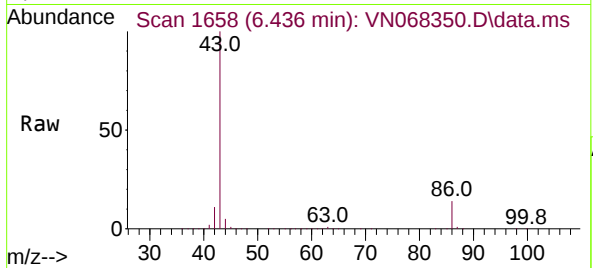




#23  
 Vinyl Acetate  
 Concen: 227.351 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: VN068350.D  
 Acq: 27 Aug 2021 17:35

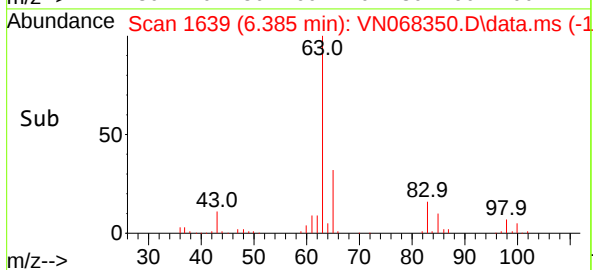
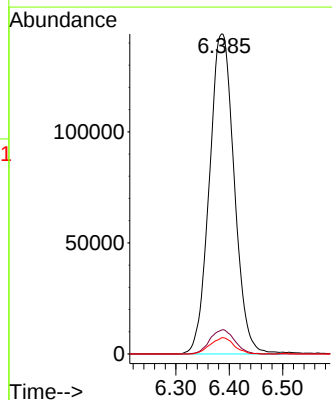
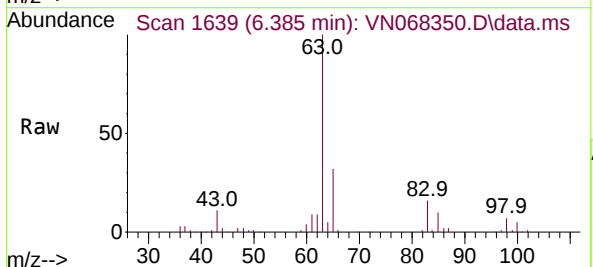
Instrument :  
 MSVOA\_N  
 ClientSampled :

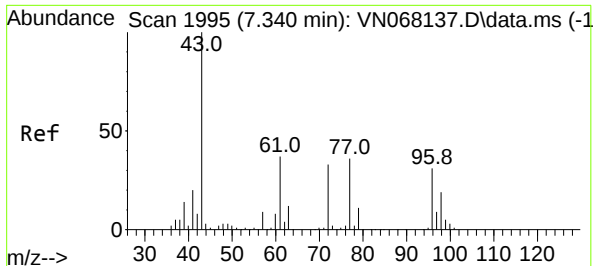
Tgt Ion: 43 Resp: 2580478  
 Ion Ratio Lower Upper  
 43 100  
 86 13.7 7.3 10.9#



#24  
 1,1-Dichloroethane  
 Concen: 47.810 ug/l  
 RT: 6.385 min Scan# 1639  
 Delta R.T. 0.002 min  
 Lab File: VN068350.D  
 Acq: 27 Aug 2021 17:35

Tgt Ion: 63 Resp: 465783  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.0 9.0  
 100 5.1 1.9 5.7





#25

2-Butanone

Concen: 250.605 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VN068350.D

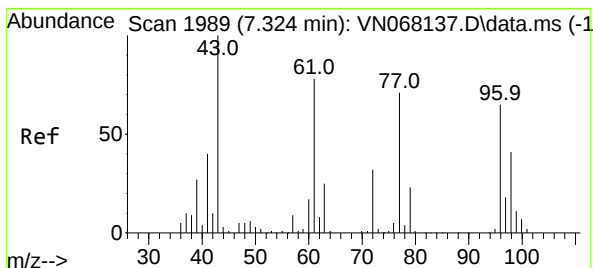
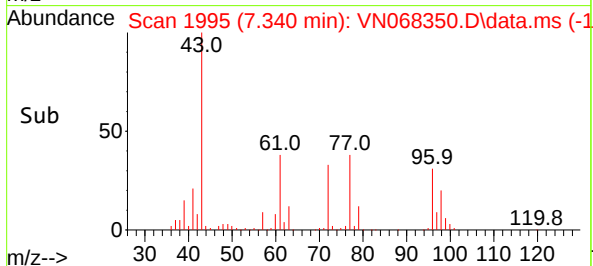
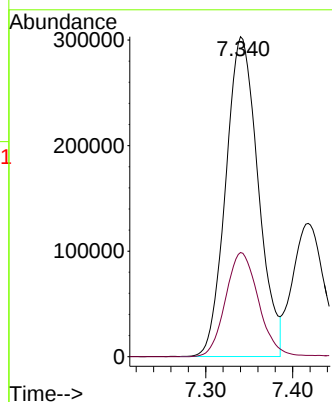
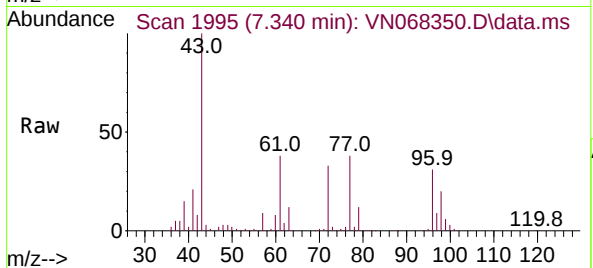
Acq: 27 Aug 2021 17:35

Tgt Ion: 43 Resp: 784254

Ion Ratio Lower Upper

43 100

72 32.6 19.7 29.5#



#26

2,2-Dichloropropane

Concen: 52.855 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN068350.D

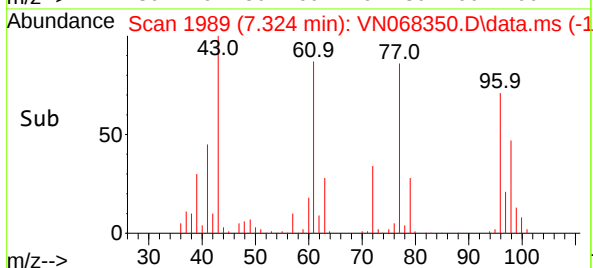
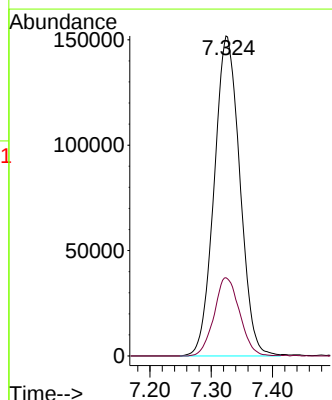
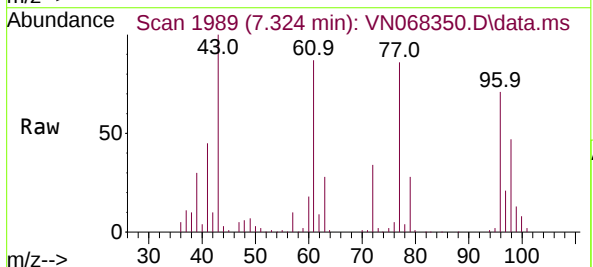
Acq: 27 Aug 2021 17:35

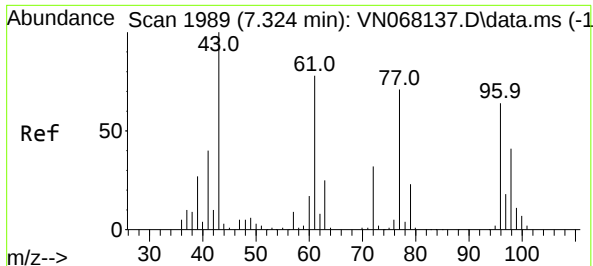
Tgt Ion: 77 Resp: 441210

Ion Ratio Lower Upper

77 100

97 24.3 9.8 29.3



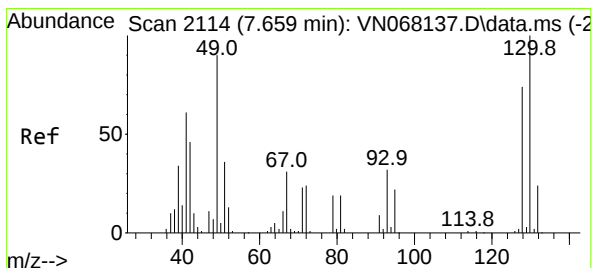
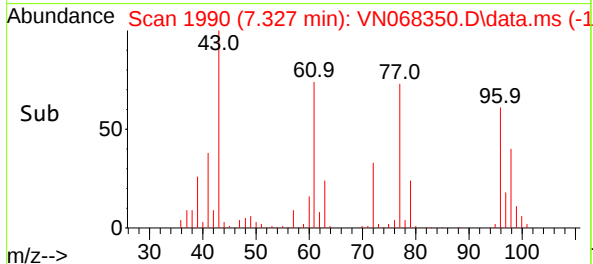
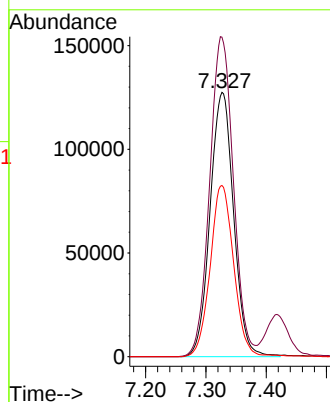
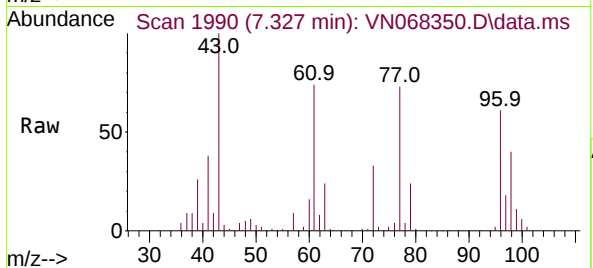


#27

cis-1,2-Dichloroethene  
Concen: 49.456 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Instrument :  
MSVOA\_N  
ClientSampled :

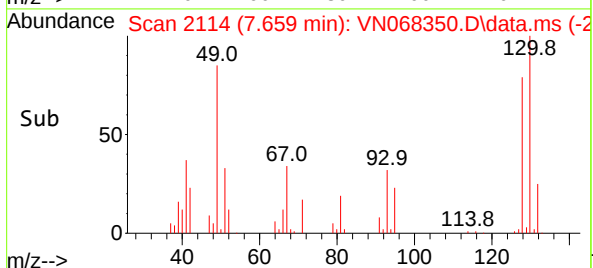
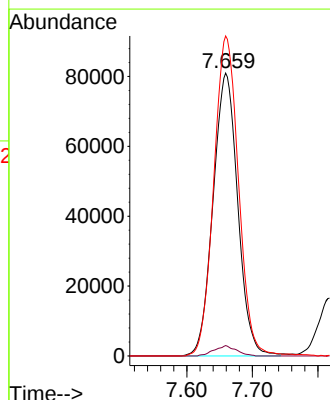
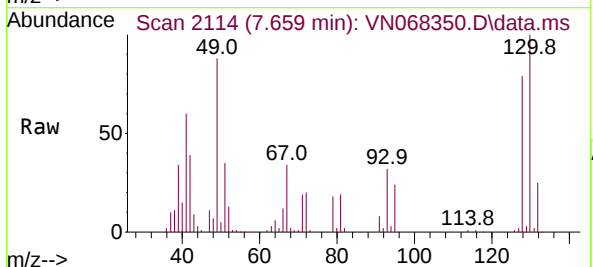
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 346199 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 121.9 | 0.0   | 338.8  |
| 98       | 64.3  | 0.0   | 129.8  |

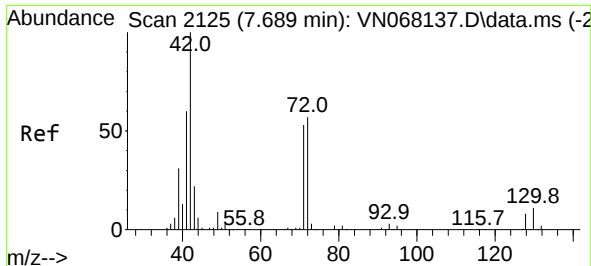


#28

Bromochloromethane  
Concen: 49.359 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 211456 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 3.3   | 0.0   | 3.8    |
| 130      | 113.1 | 49.7  | 74.5#  |





#29

Tetrahydrofuran

Concen: 254.456 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. -0.000 min

Lab File: VN068350.D

Acq: 27 Aug 2021 17:35

Tgt Ion: 42 Resp: 509263

Ion Ratio Lower Upper

42 100

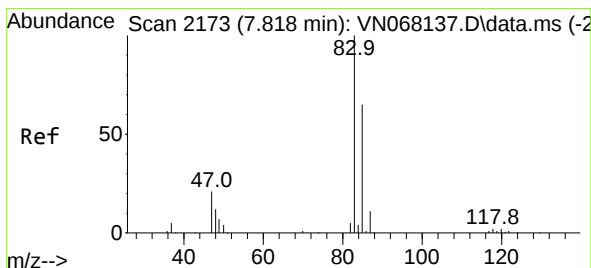
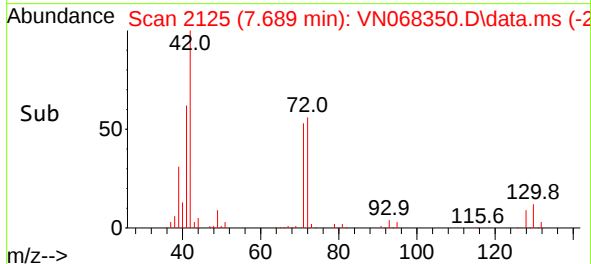
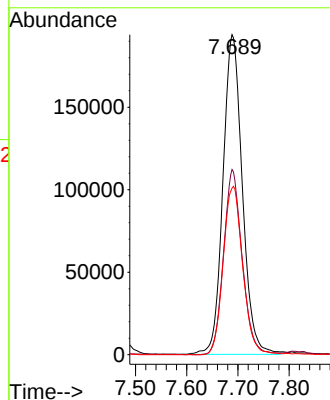
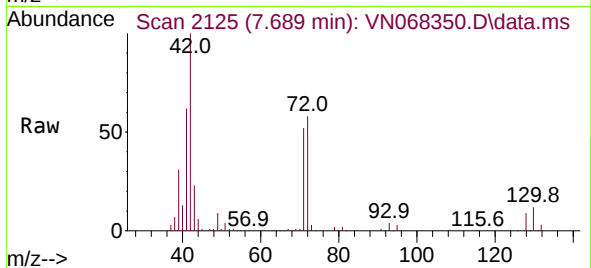
72 55.7 32.8 49.2#

71 53.1 31.2 46.8#

Instrument :

MSVOA\_N

ClientSampleId :



#30

Chloroform

Concen: 49.712 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.001 min

Lab File: VN068350.D

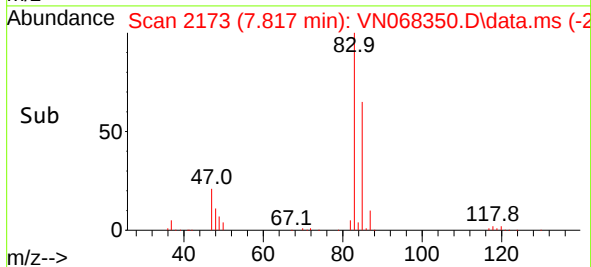
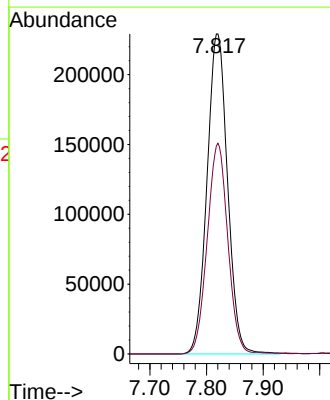
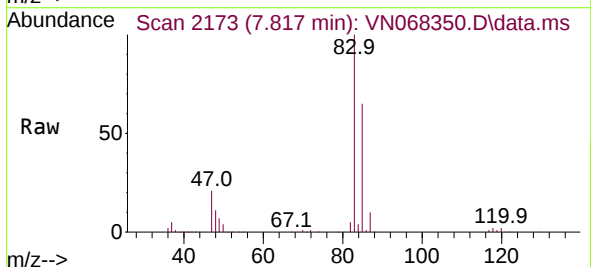
Acq: 27 Aug 2021 17:35

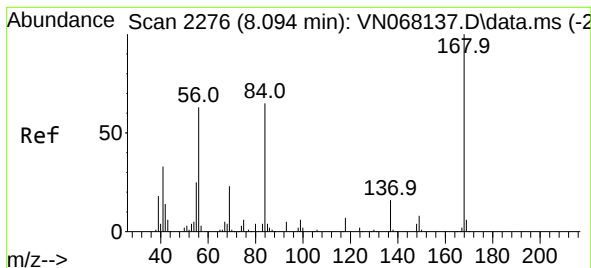
Tgt Ion: 83 Resp: 576939

Ion Ratio Lower Upper

83 100

85 65.0 51.5 77.3

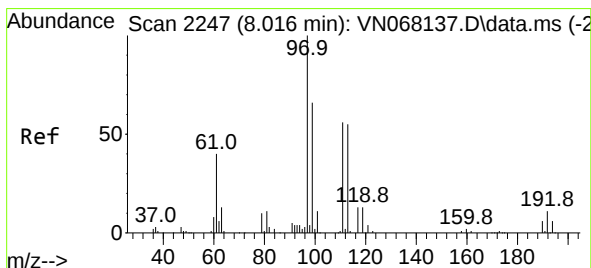
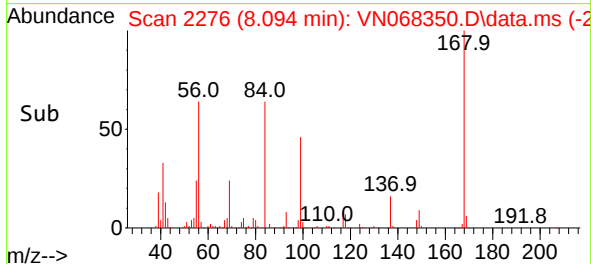
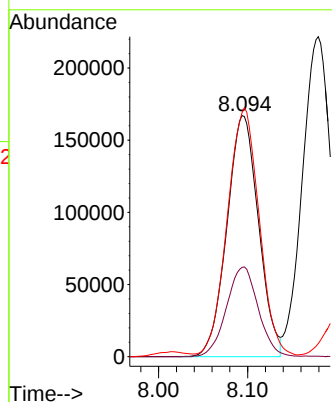
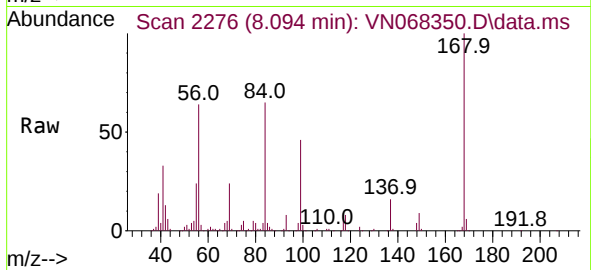




#31  
Cyclohexane  
Concen: 45.573 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

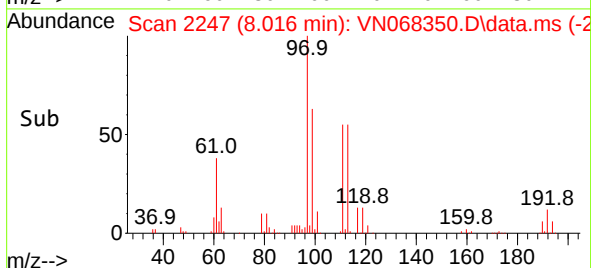
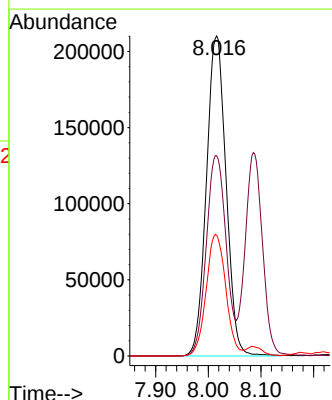
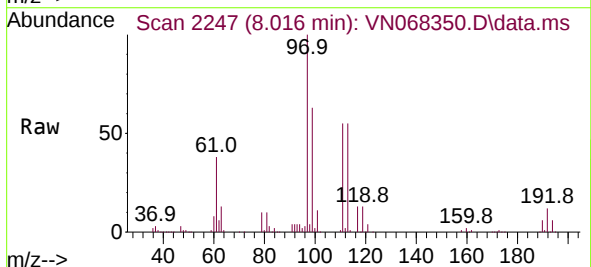
Instrument :  
MSVOA\_N  
ClientSampleId :

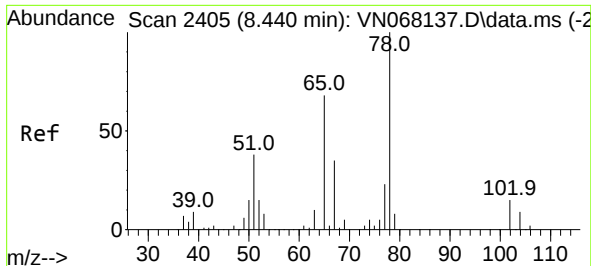
Tgt Ion: 56 Resp: 412846  
Ion Ratio Lower Upper  
56 100  
69 37.0 27.3 40.9  
84 99.3 64.9 97.3#



#32  
1,1,1-Trichloroethane  
Concen: 52.708 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 97 Resp: 545514  
Ion Ratio Lower Upper  
97 100  
99 63.5 50.2 75.2  
61 38.0 38.2 57.2#

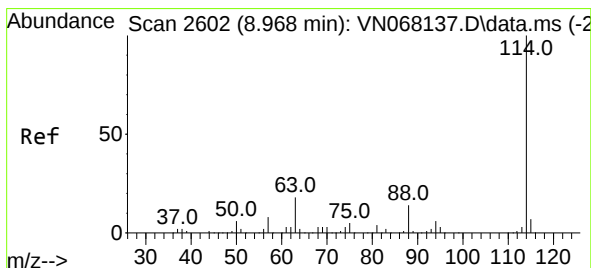
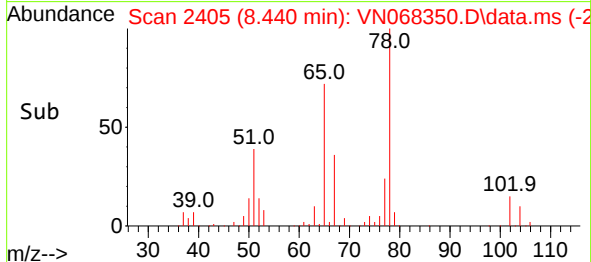
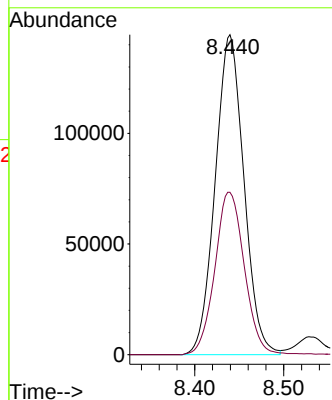
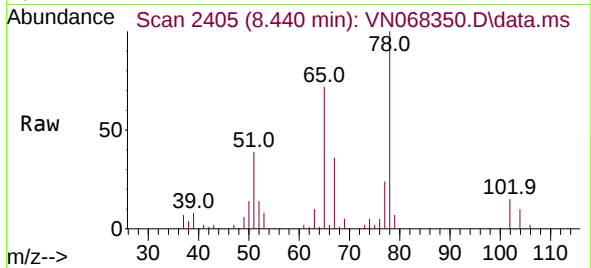




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.147 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: VN068350.D  
 Acq: 27 Aug 2021 17:35

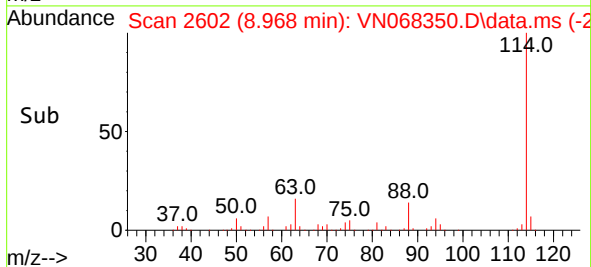
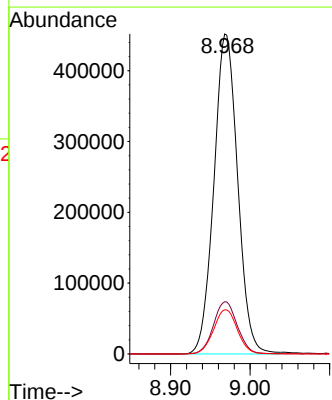
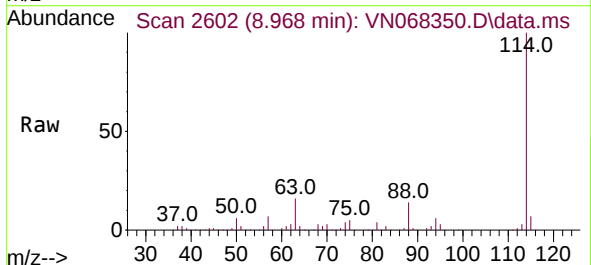
Instrument :  
 MSVOA\_N  
 ClientSampleId :

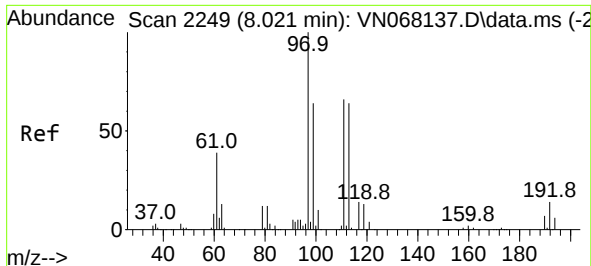
Tgt Ion: 65 Resp: 324264  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 98.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.968 min Scan# 2602  
 Delta R.T. -0.000 min  
 Lab File: VN068350.D  
 Acq: 27 Aug 2021 17:35

Tgt Ion: 114 Resp: 938169  
 Ion Ratio Lower Upper  
 114 100  
 63 16.3 0.0 49.0  
 88 13.8 0.0 36.6

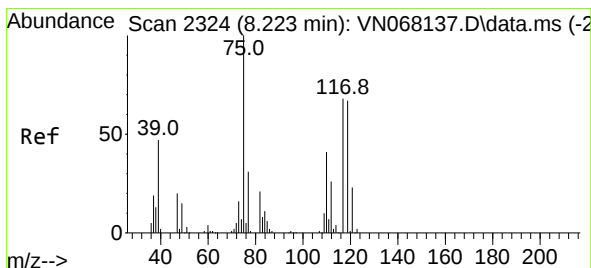
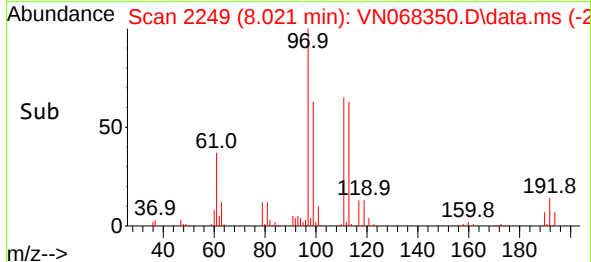
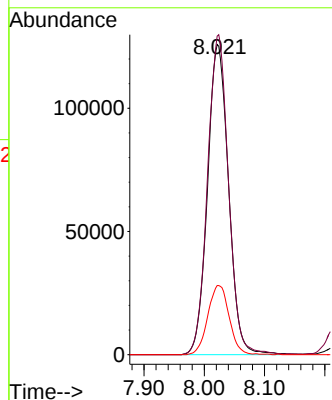
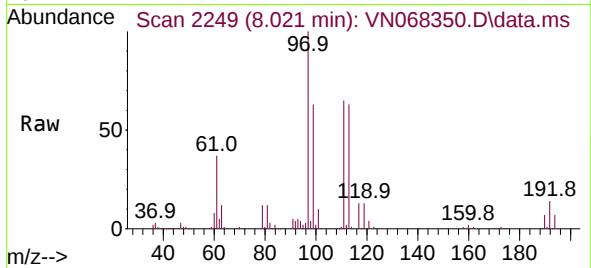




#35  
Dibromofluoromethane  
Concen: 51.997 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

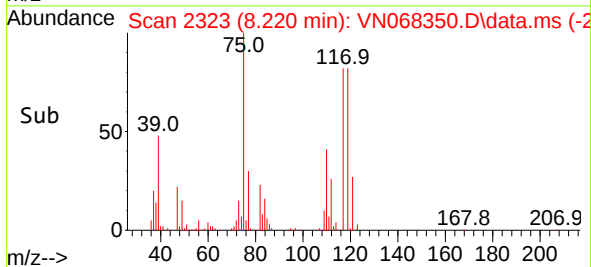
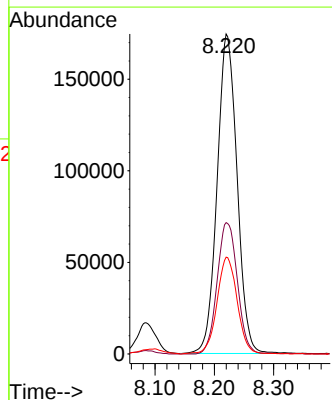
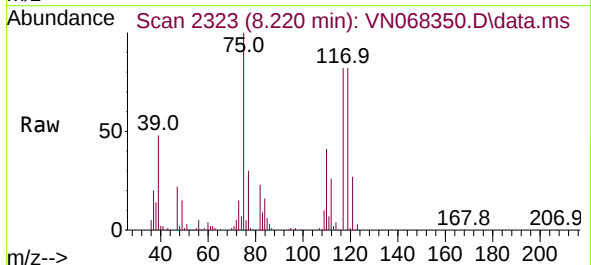
Instrument :  
MSVOA\_N  
ClientSampled :

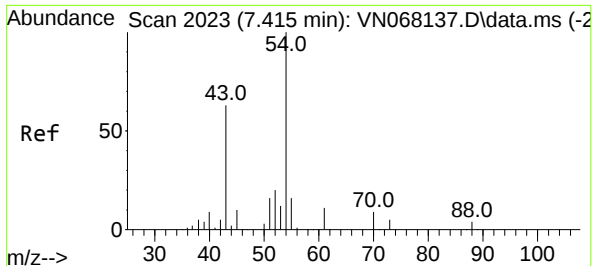
Tgt Ion:113 Resp: 306268  
Ion Ratio Lower Upper  
113 100  
111 102.8 83.8 125.8  
192 22.5 13.4 20.0#



#36  
1,1-Dichloropropene  
Concen: 53.132 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 75 Resp: 407479  
Ion Ratio Lower Upper  
75 100  
110 41.7 15.7 47.0  
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 48.732 ug/l

RT: 7.418 min Scan# 2024

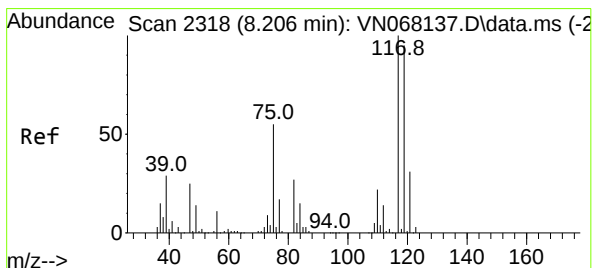
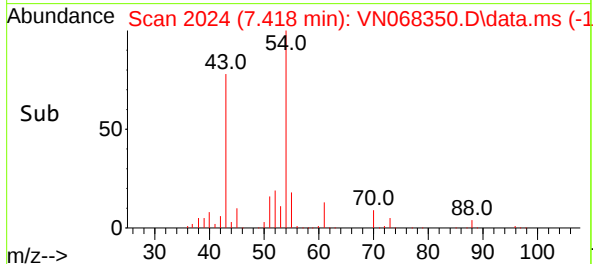
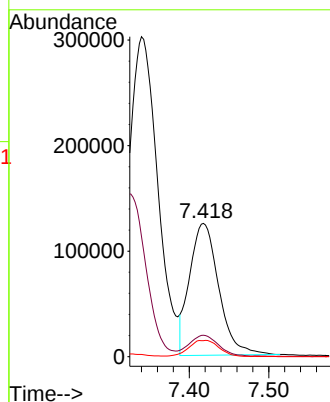
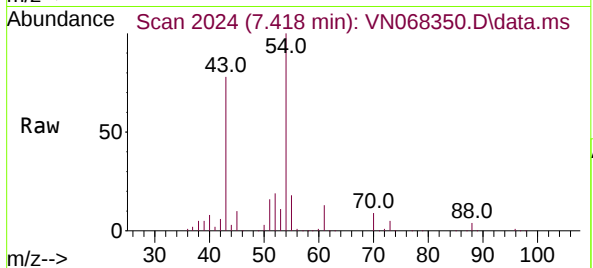
Delta R.T. 0.003 min

Lab File: VN068350.D

Acq: 27 Aug 2021 17:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 318391 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 15.8  | 10.6  | 16.0   |
| 70       | 12.6  | 8.1   | 12.1   |

Instrument :  
MSVOA\_N  
ClientSampled :



#38

Carbon Tetrachloride

Concen: 55.914 ug/l

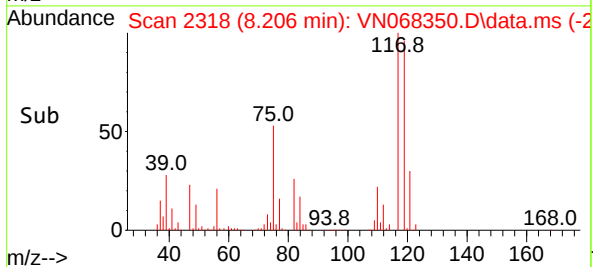
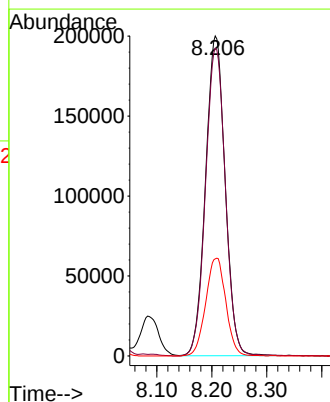
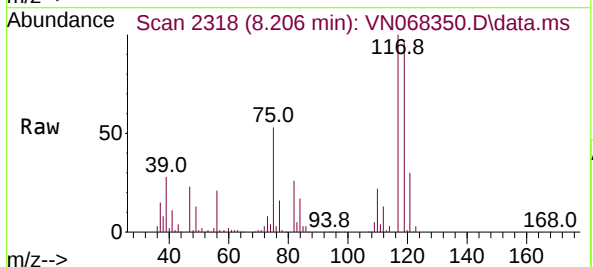
RT: 8.206 min Scan# 2318

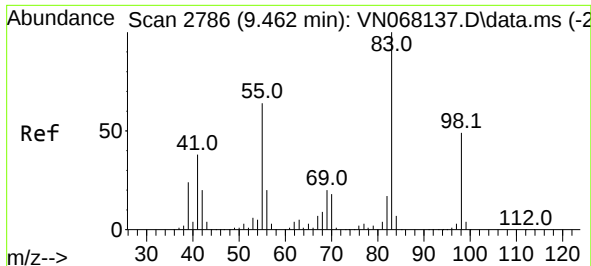
Delta R.T. 0.000 min

Lab File: VN068350.D

Acq: 27 Aug 2021 17:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 494583 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.3  | 75.4  | 113.2  |
| 121      | 30.4  | 23.5  | 35.3   |

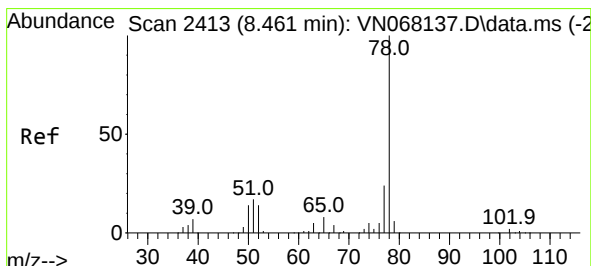
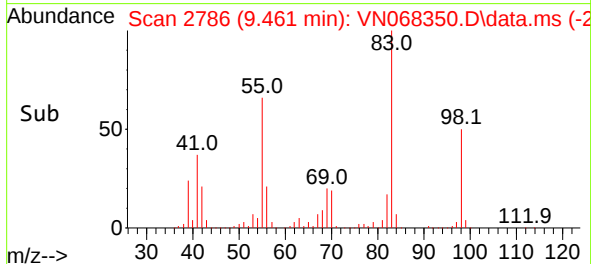
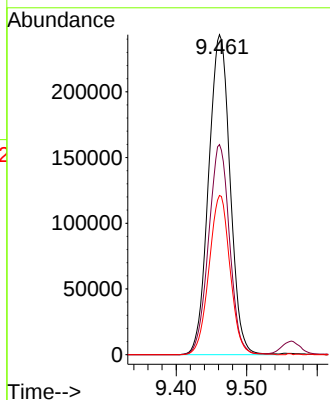
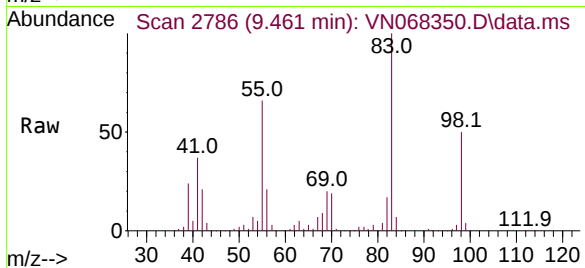




#39  
Methylcyclohexane  
Concen: 59.458 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

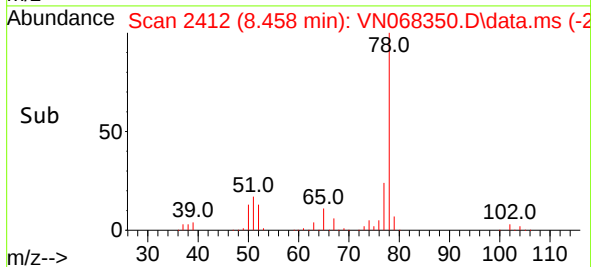
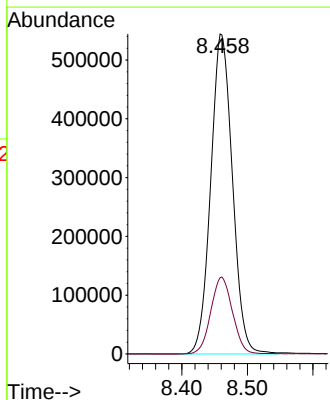
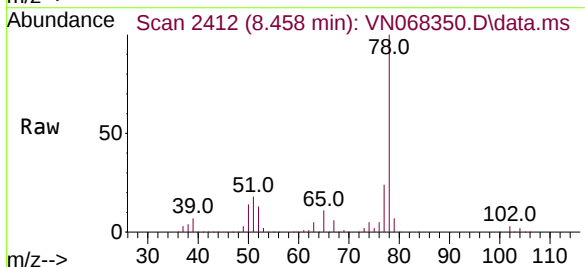
Instrument :  
MSVOA\_N  
ClientSampled :

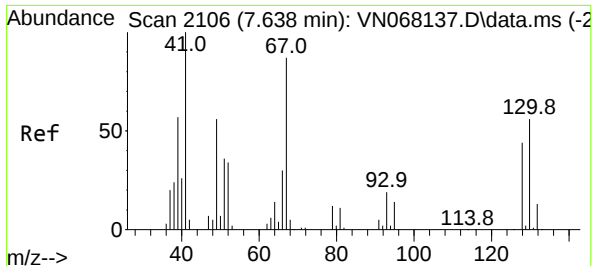
Tgt Ion: 83 Resp: 515000  
Ion Ratio Lower Upper  
83 100  
55 65.7 66.6 99.8#  
98 49.7 35.3 52.9



#40  
Benzene  
Concen: 53.377 ug/l  
RT: 8.458 min Scan# 2412  
Delta R.T. -0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 78 Resp: 1249439  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.9 28.3

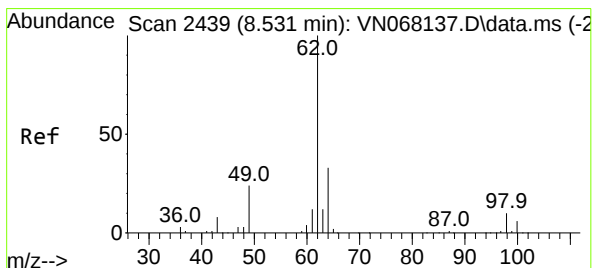
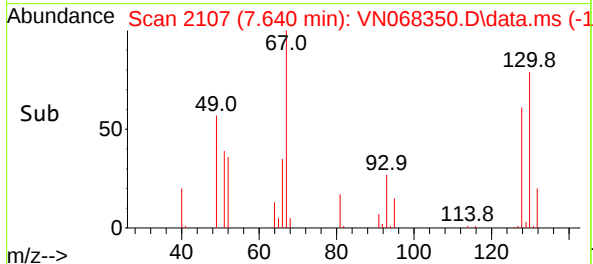
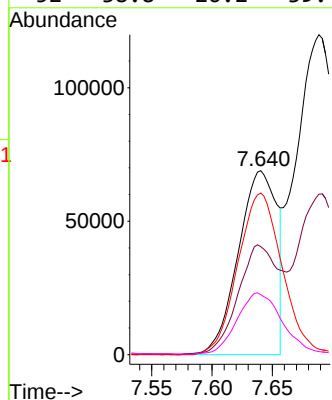
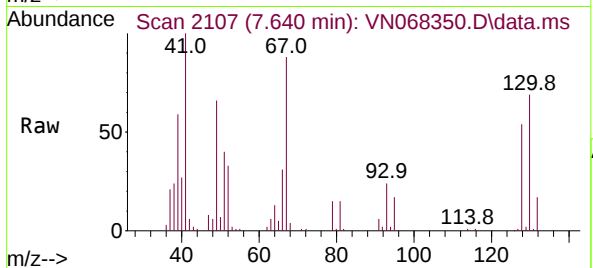




#41  
Methacrylonitrile  
Concen: 51.354 ug/l  
RT: 7.640 min Scan# 2107  
Delta R.T. 0.002 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

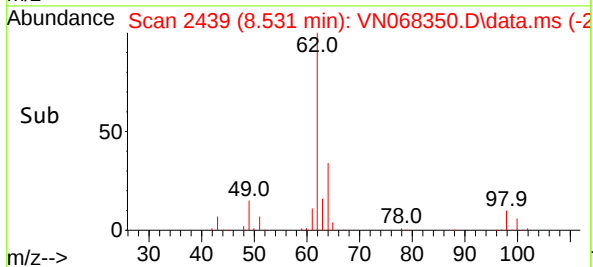
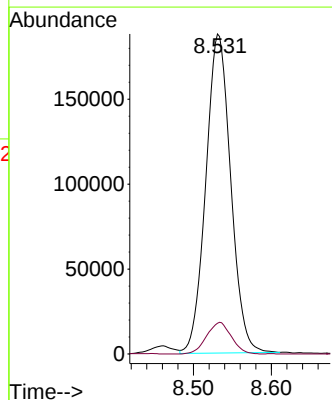
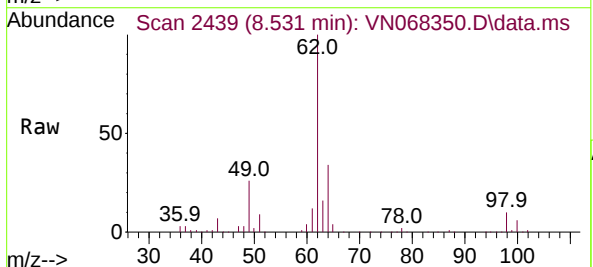
Instrument :  
MSVOA\_N  
ClientSampled :

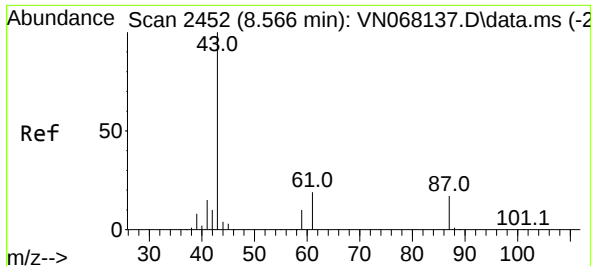
Tgt Ion: 41 Resp: 153185  
Ion Ratio Lower Upper  
41 100  
39 65.6 47.6 71.4  
67 101.7 57.7 86.5#  
52 38.8 26.2 39.4



#42  
1,2-Dichloroethane  
Concen: 52.431 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 62 Resp: 418052  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 14.2

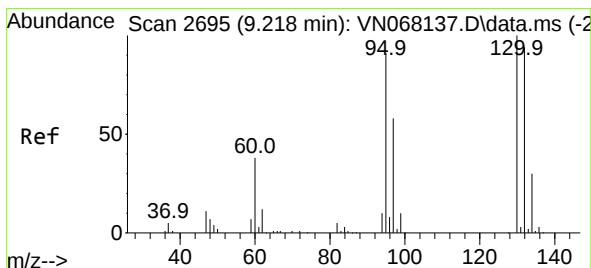
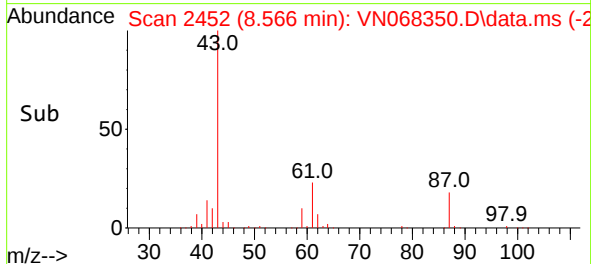
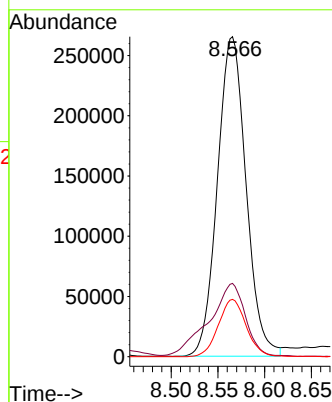
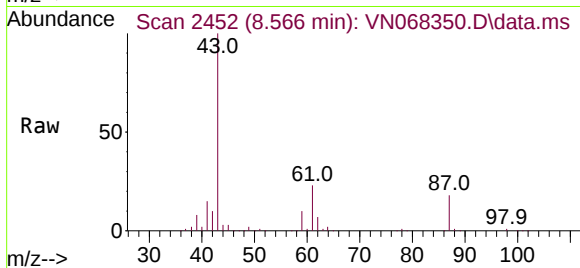




#43  
Isopropyl Acetate  
Concen: 54.154 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

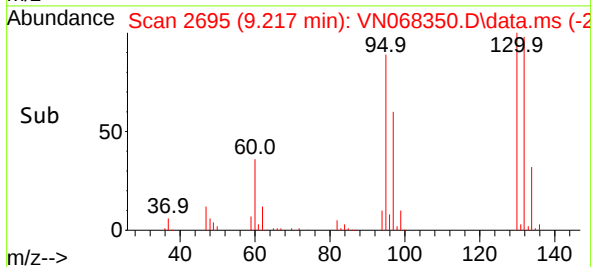
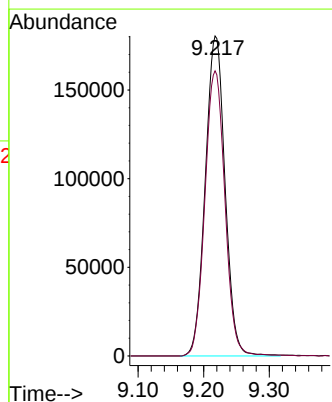
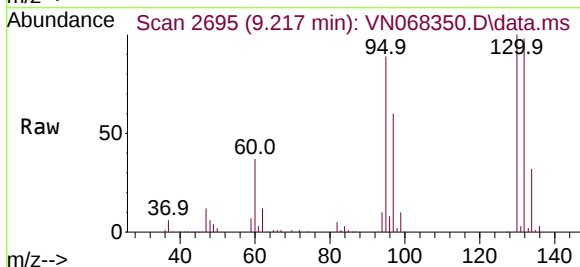
Instrument :  
MSVOA\_N  
ClientSampled :

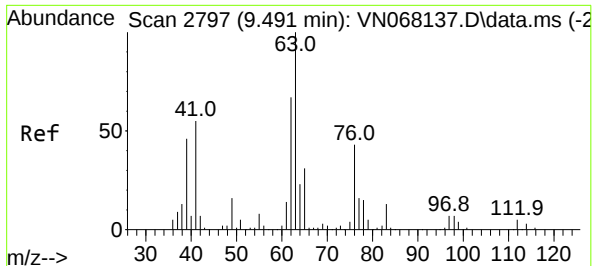
Tgt Ion: 43 Resp: 566757  
Ion Ratio Lower Upper  
43 100  
61 29.2 19.0 28.4#  
87 17.5 9.5 14.3#



#44  
Trichloroethene  
Concen: 53.654 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:130 Resp: 377676  
Ion Ratio Lower Upper  
130 100  
95 89.1 0.0 234.4

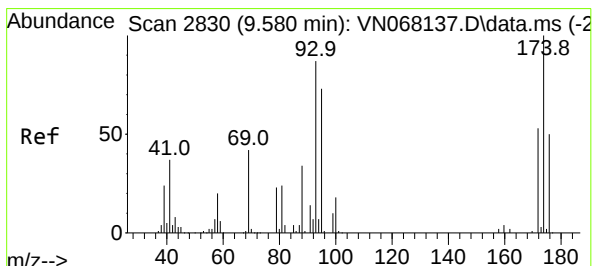
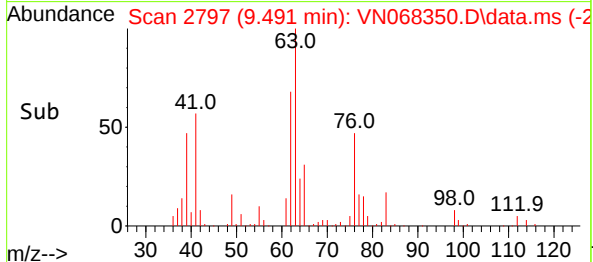
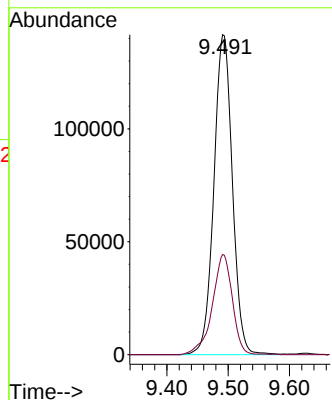
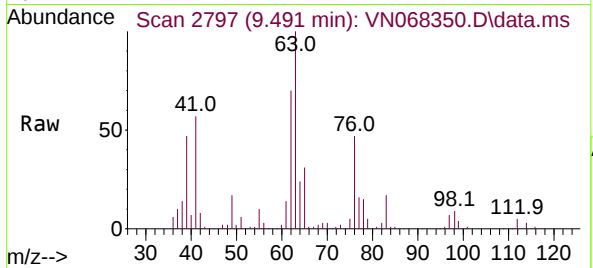




#45  
1,2-Dichloropropane  
Concen: 54.006 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

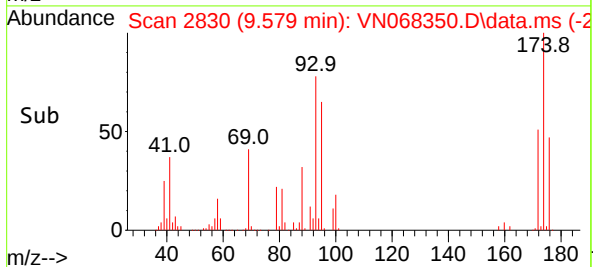
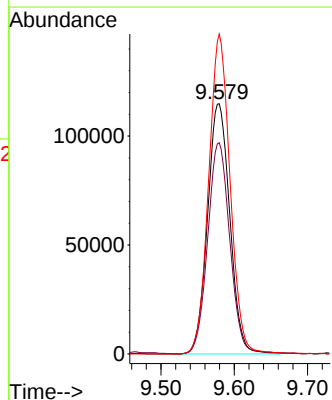
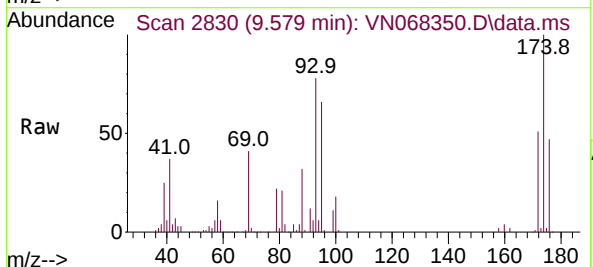
Instrument :  
MSVOA\_N  
ClientSampled :

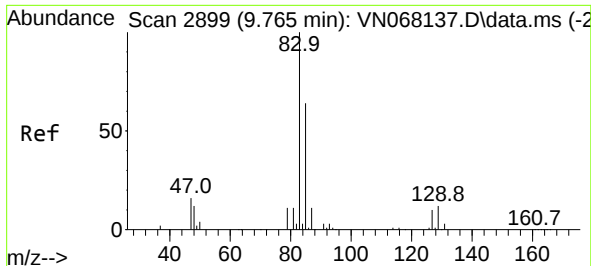
Tgt Ion: 63 Resp: 297347  
Ion Ratio Lower Upper  
63 100  
65 31.3 24.3 36.5



#46  
Dibromomethane  
Concen: 54.027 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 93 Resp: 242651  
Ion Ratio Lower Upper  
93 100  
95 83.9 66.1 99.1  
174 122.9 61.0 91.4#

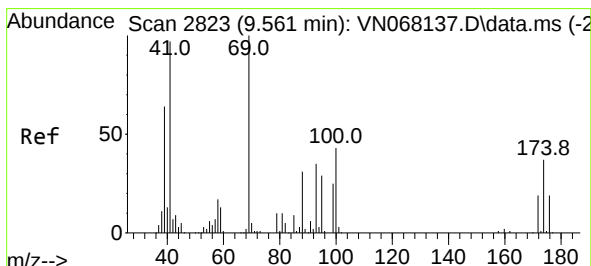
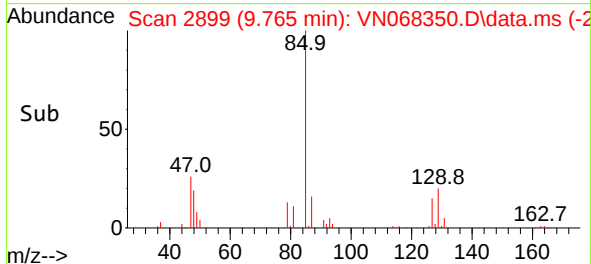
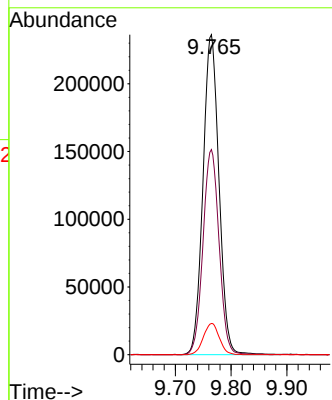
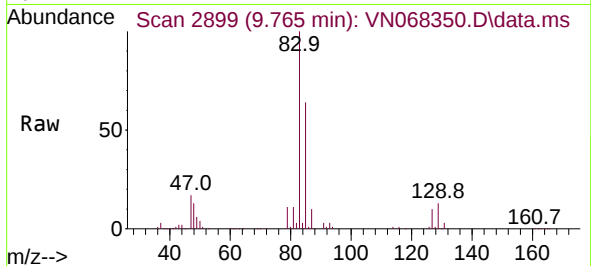




#47  
Bromodichloromethane  
Concen: 56.399 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

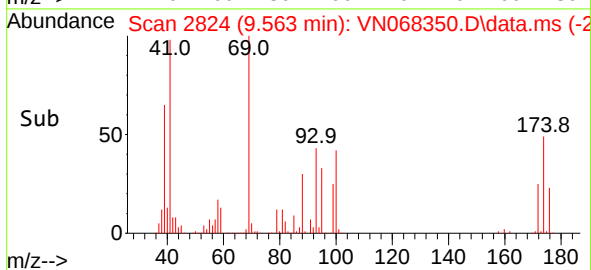
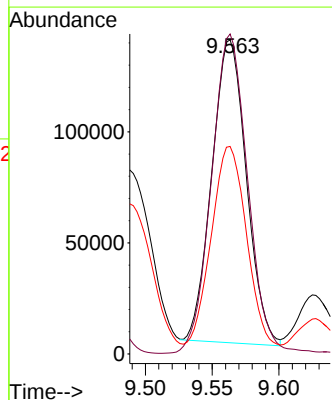
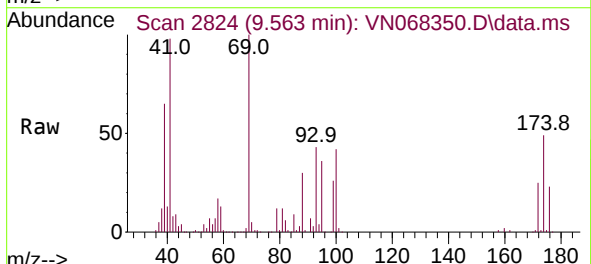
Instrument :  
MSVOA\_N  
ClientSampled :

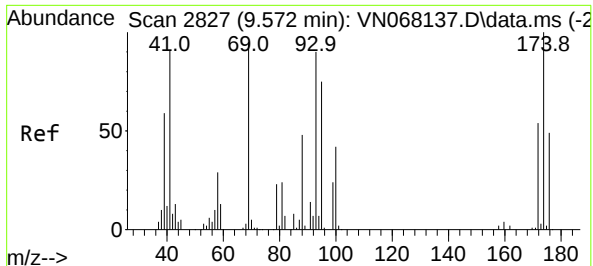
Tgt Ion: 83 Resp: 470721  
Ion Ratio Lower Upper  
83 100  
85 64.1 49.9 74.9  
127 9.7 6.1 9.1#



#48  
Methyl methacrylate  
Concen: 56.205 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. 0.002 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 41 Resp: 245127  
Ion Ratio Lower Upper  
41 100  
69 111.2 64.6 96.8#  
39 67.0 53.3 79.9





#49

1,4-Dioxane

Concen: 1047.485 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. -0.001 min

Lab File: VN068350.D

Acq: 27 Aug 2021 17:35

Tgt Ion: 88 Resp: 110422

Ion Ratio Lower Upper

88 100

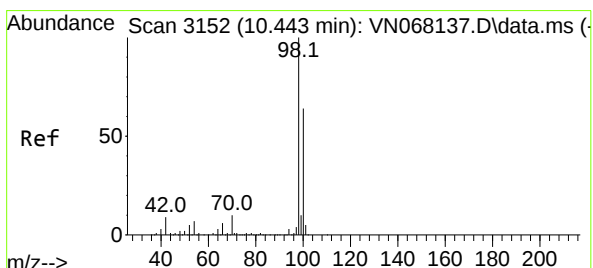
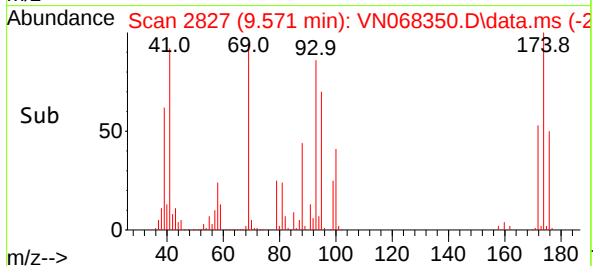
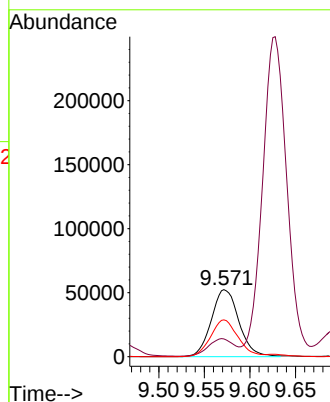
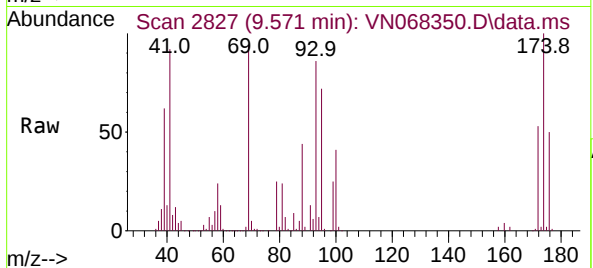
43 24.0 28.8 43.2#

58 54.6 60.4 90.6#

Instrument :

MSVOA\_N

ClientSampleId :



#50

Toluene-d8

Concen: 52.587 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN068350.D

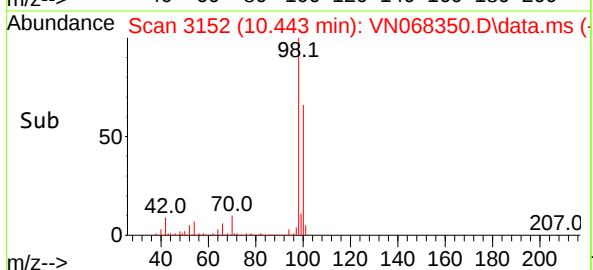
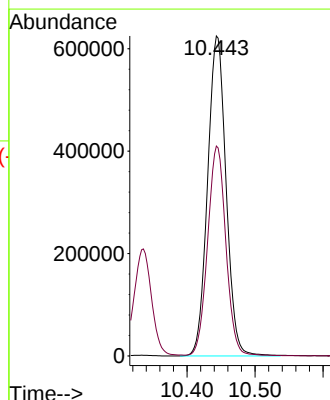
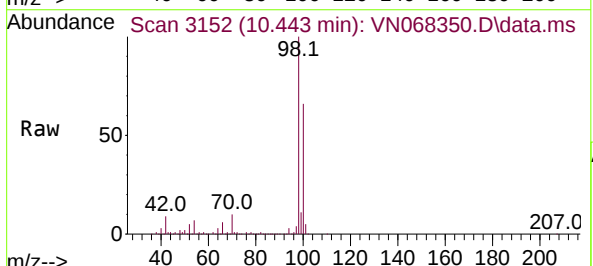
Acq: 27 Aug 2021 17:35

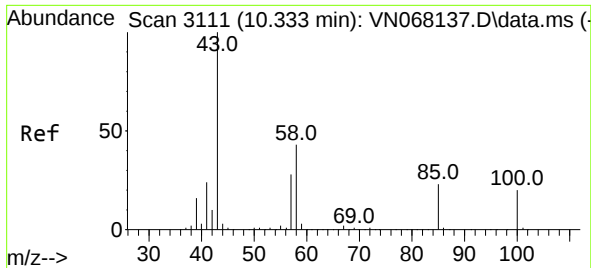
Tgt Ion: 98 Resp: 1180225

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5

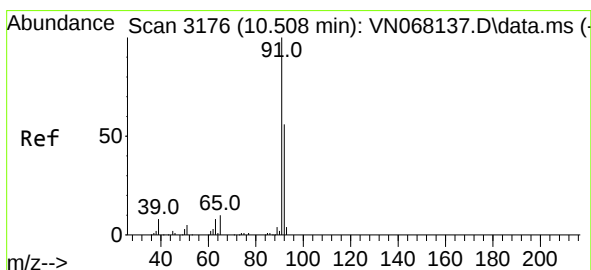
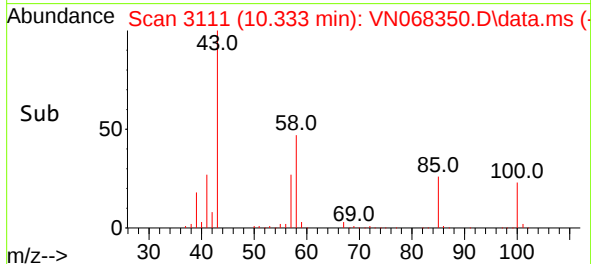
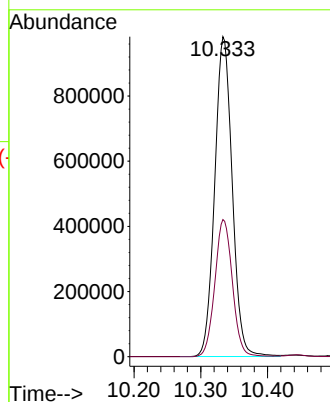
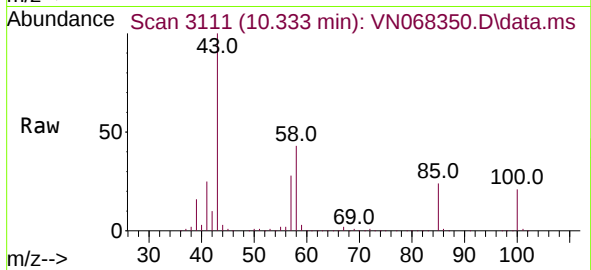




#51  
4-Methyl-2-Pentanone  
Concen: 278.641 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

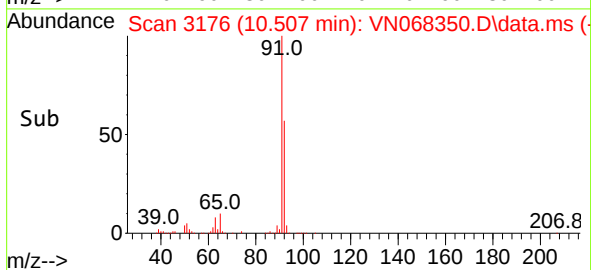
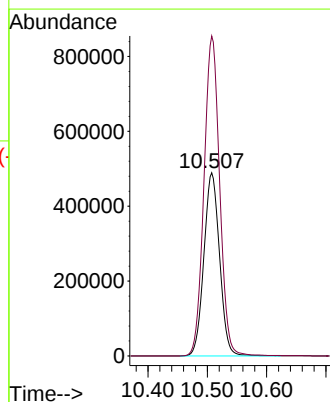
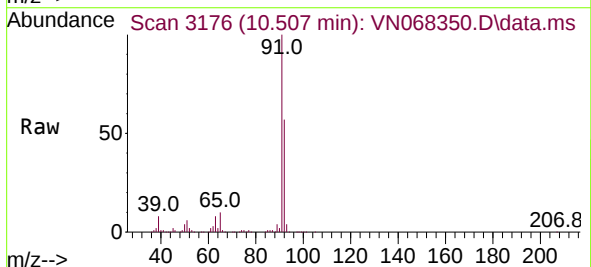
Instrument :  
MSVOA\_N  
ClientSampled :

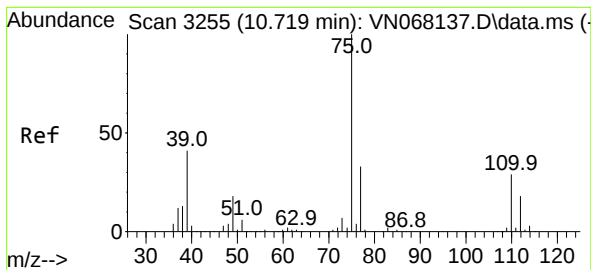
Tgt Ion: 43 Resp: 1791332  
Ion Ratio Lower Upper  
43 100  
58 42.9 28.6 43.0



#52  
Toluene  
Concen: 56.182 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

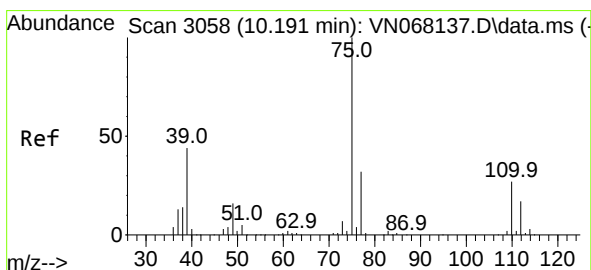
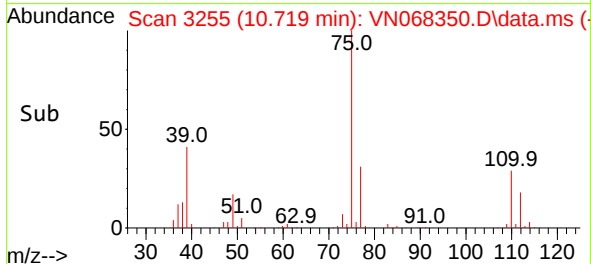
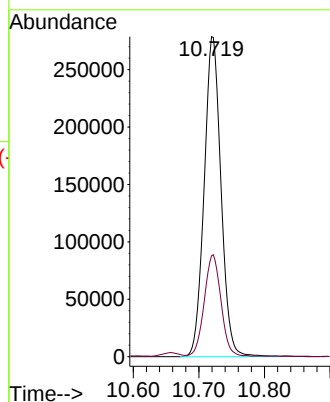
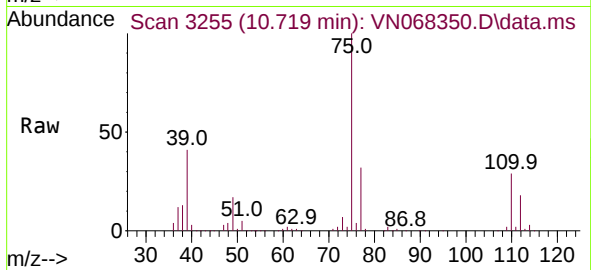
Tgt Ion: 92 Resp: 896519  
Ion Ratio Lower Upper  
92 100  
91 174.6 139.6 209.4





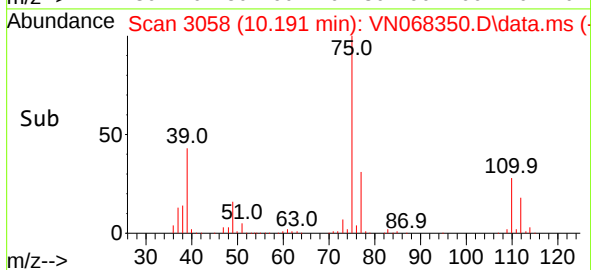
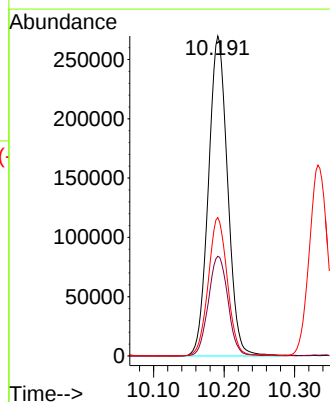
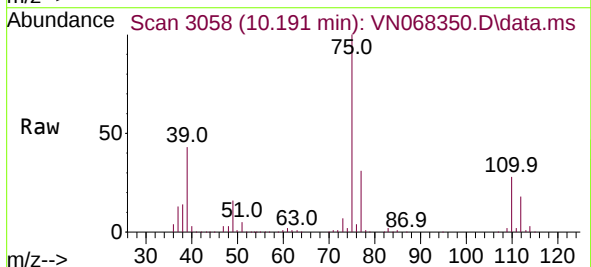
#53  
t-1,3-Dichloropropene  
Concen: 60.660 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

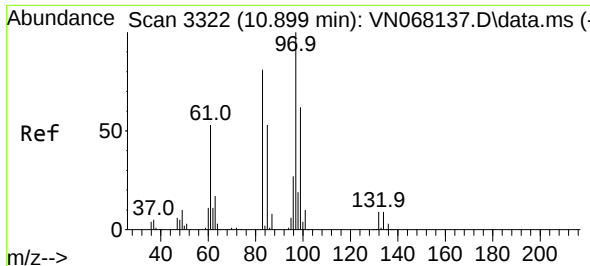
Tgt Ion: 75 Resp: 497273  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 57.428 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 75 Resp: 510063  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.6 37.0  
39 43.2 50.7 76.1#

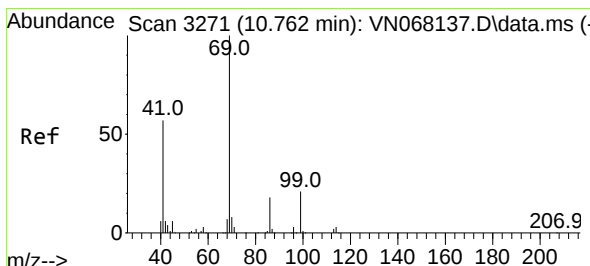
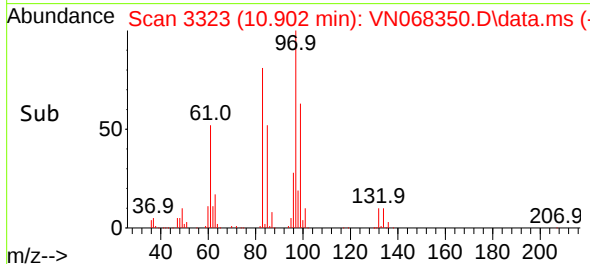
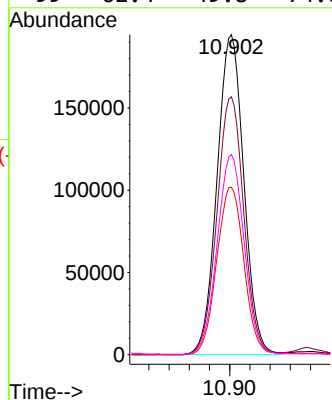
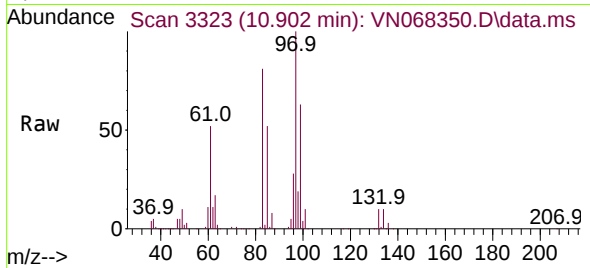




#55  
1,1,2-Trichloroethane  
Concen: 56.124 ug/l  
RT: 10.902 min Scan# 3323  
Delta R.T. 0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

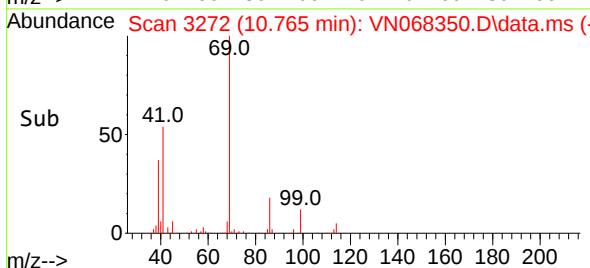
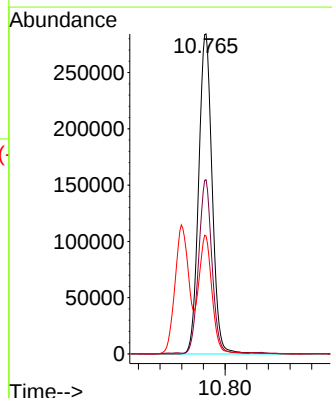
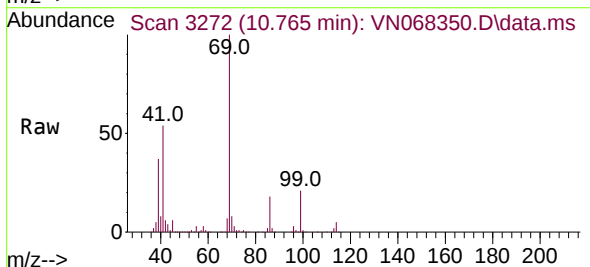
Instrument :  
MSVOA\_N  
ClientSampled :

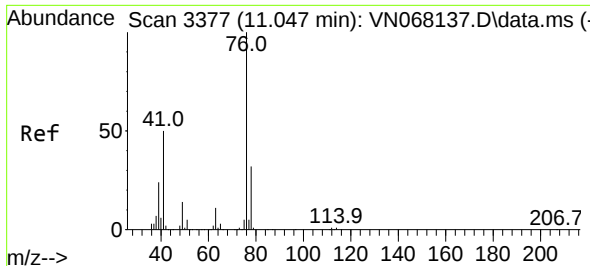
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 357899 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 80.6  | 72.0  | 108.0  |
| 85       | 52.4  | 46.8  | 70.2   |
| 99       | 62.4  | 49.8  | 74.6   |



#56  
Ethyl methacrylate  
Concen: 59.925 ug/l  
RT: 10.765 min Scan# 3272  
Delta R.T. 0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 490739 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 53.3  | 58.6  | 88.0#  |
| 39       | 35.5  | 38.3  | 57.5#  |

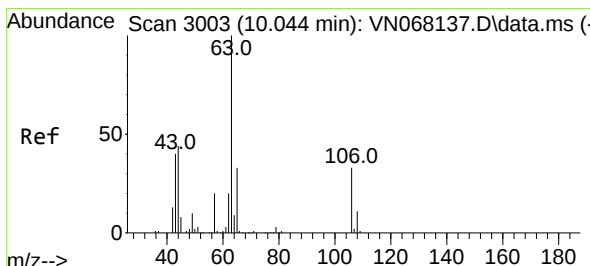
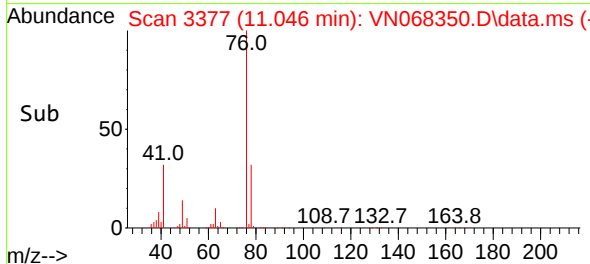
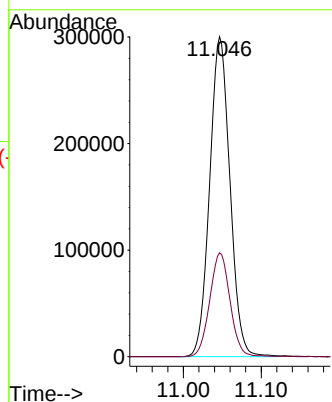
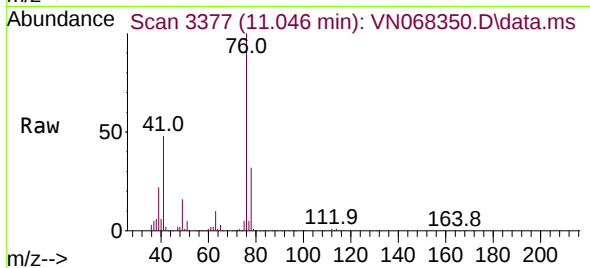




#57  
1,3-Dichloropropane  
Concen: 55.318 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

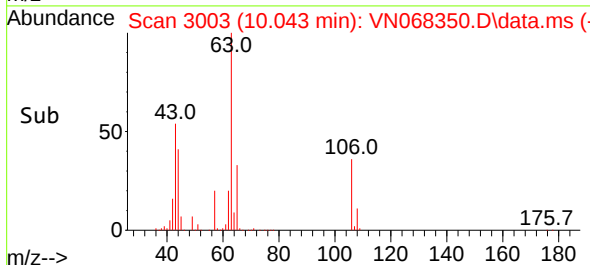
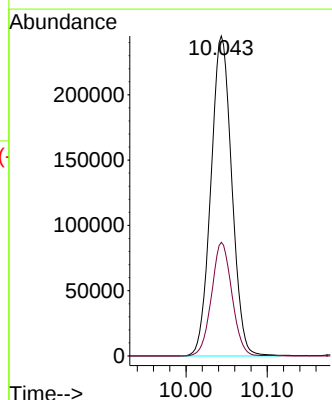
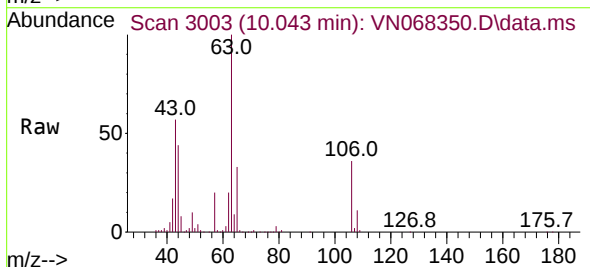
Instrument :  
MSVOA\_N  
ClientSampled :

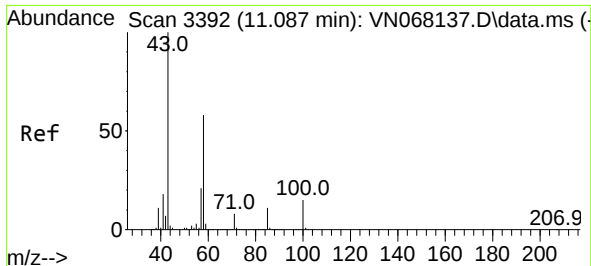
Tgt Ion: 76 Resp: 543327  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 249.513 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 63 Resp: 437347  
Ion Ratio Lower Upper  
63 100  
106 34.6 19.8 29.8#

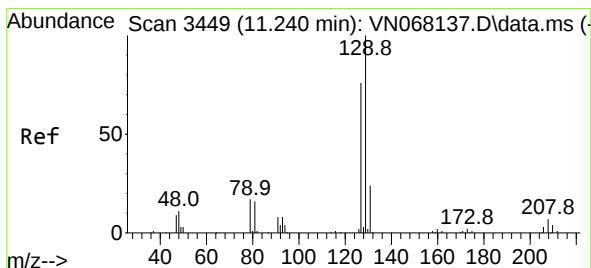
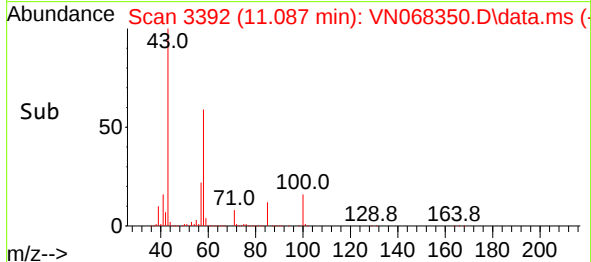
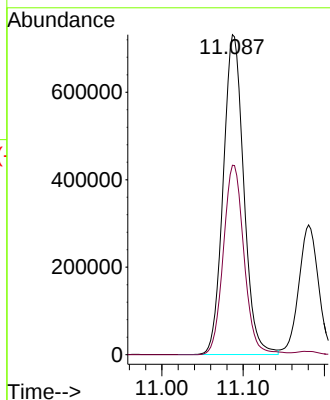
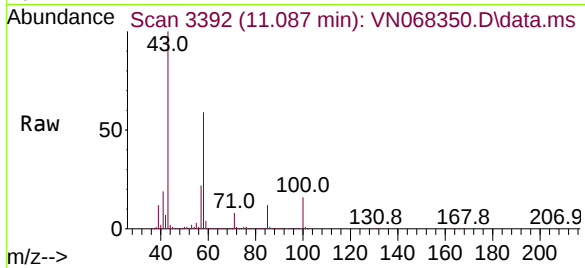




#59  
2-Hexanone  
Concen: 287.696 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

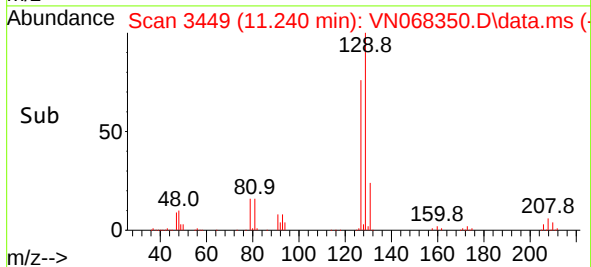
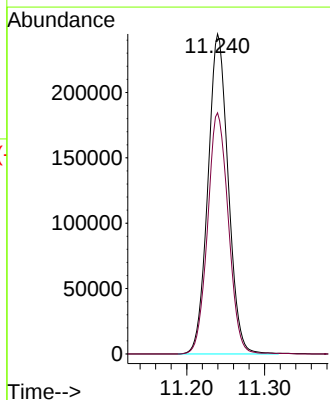
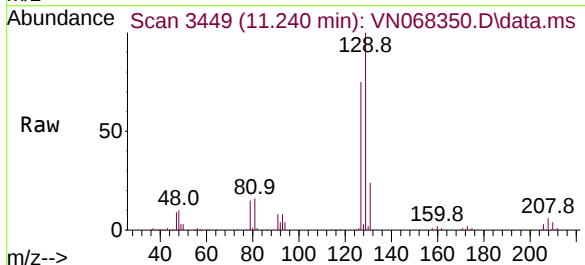
Instrument :  
MSVOA\_N  
ClientSampled :

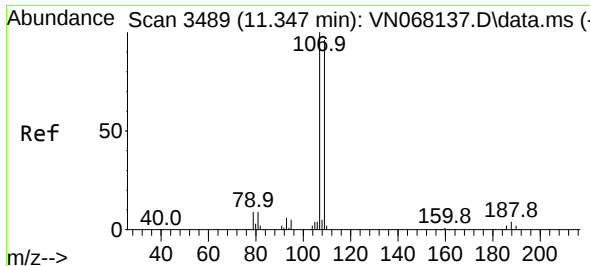
Tgt Ion: 43 Resp: 1284256  
Ion Ratio Lower Upper  
43 100  
58 59.8 24.7 74.1



#60  
Dibromochloromethane  
Concen: 61.504 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 129 Resp: 442471  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.6 115.8

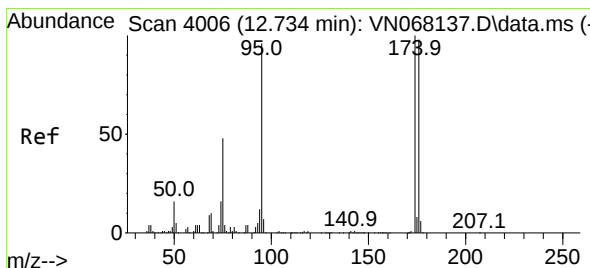
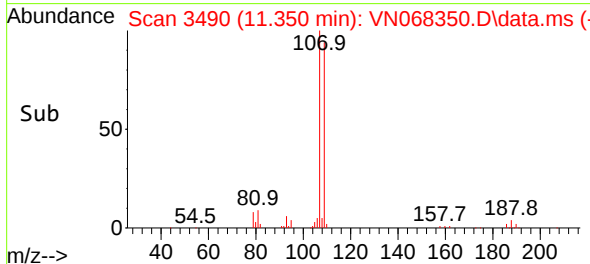
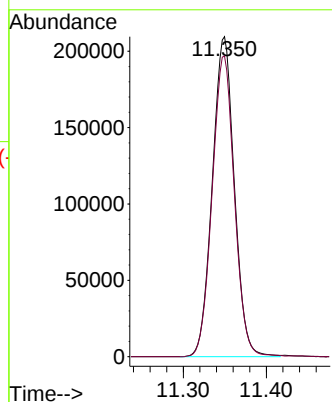
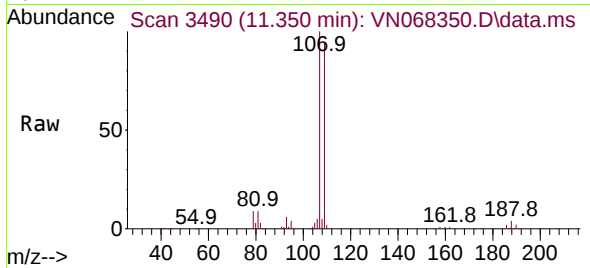




#61  
1,2-Dibromoethane  
Concen: 58.289 ug/l  
RT: 11.350 min Scan# 3490  
Delta R.T. 0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

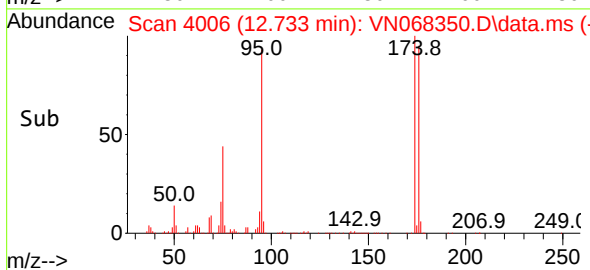
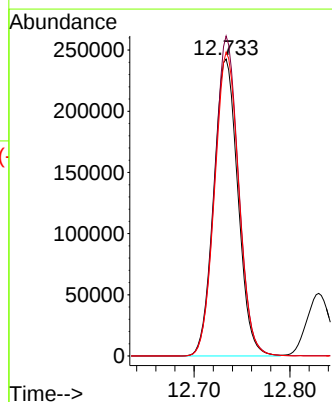
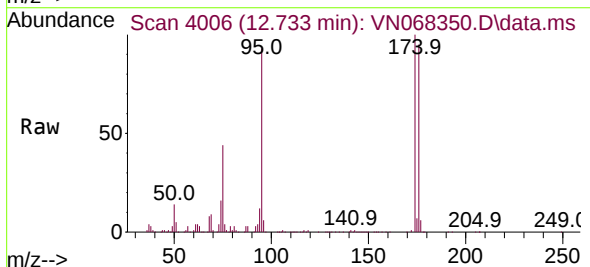
Instrument :  
MSVOA\_N  
ClientSampled :

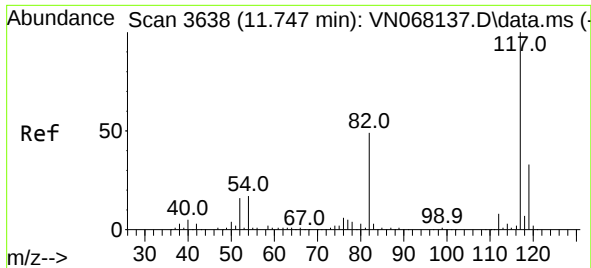
Tgt Ion:107 Resp: 385492  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 56.931 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 95 Resp: 425345  
Ion Ratio Lower Upper  
95 100  
174 106.2 0.0 122.0  
176 102.3 0.0 117.6

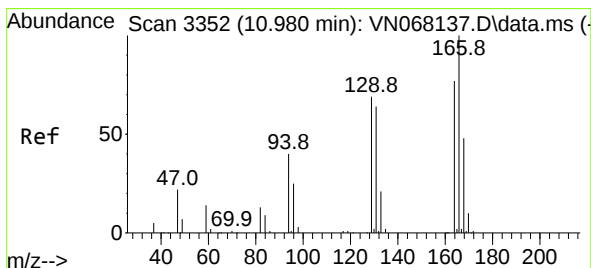
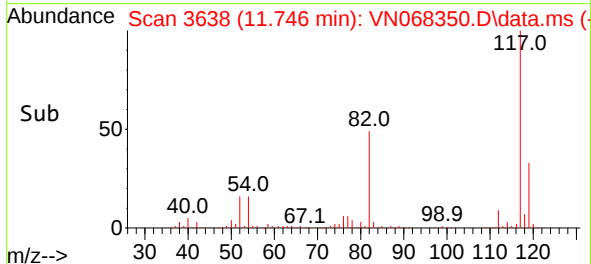
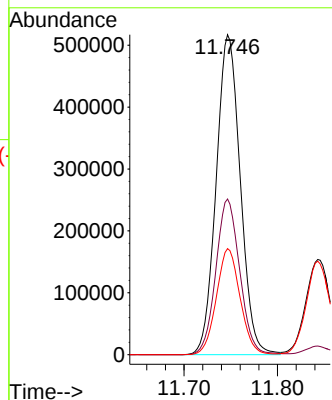
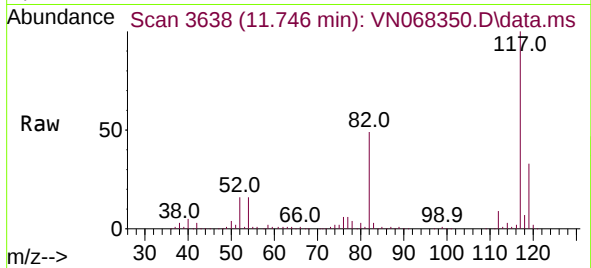




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

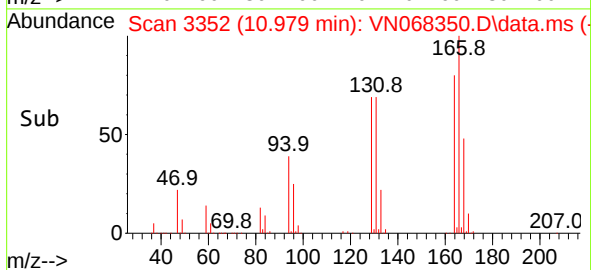
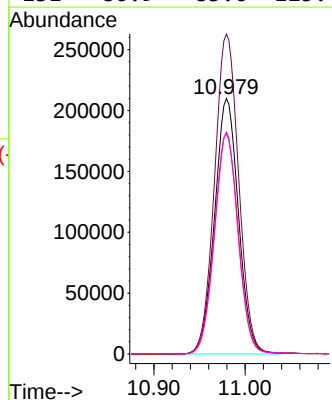
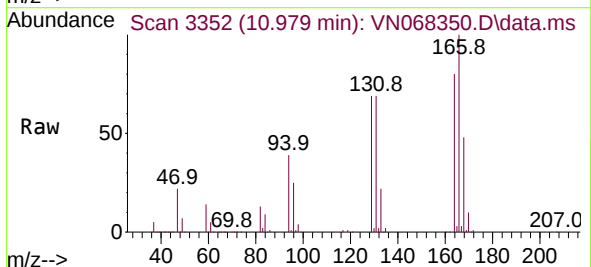
Instrument :  
MSVOA\_N  
ClientSampled :

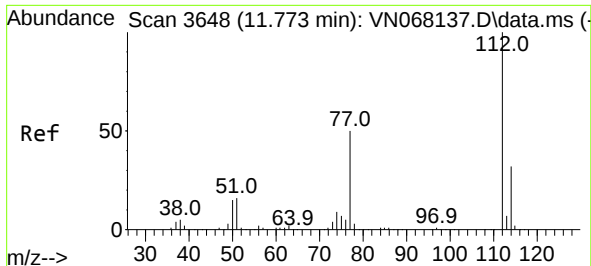
Tgt Ion:117 Resp: 928846  
Ion Ratio Lower Upper  
117 100  
82 48.7 53.1 79.7#  
119 33.2 25.5 38.3



#64  
Tetrachloroethene  
Concen: 53.162 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:164 Resp: 381829  
Ion Ratio Lower Upper  
164 100  
166 125.2 102.1 153.1  
129 86.4 86.9 130.3#  
131 86.9 83.6 125.4

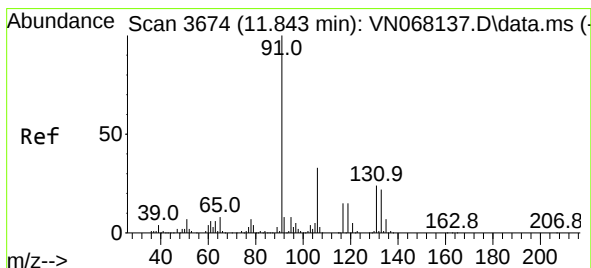
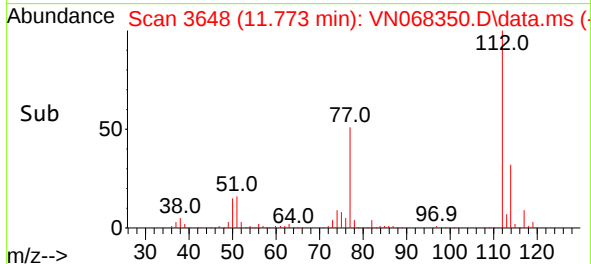
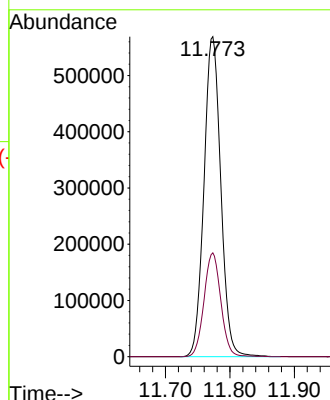
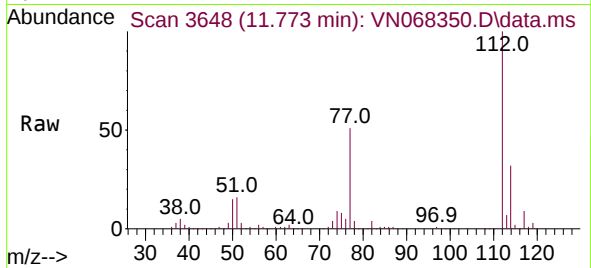




#65  
Chlorobenzene  
Concen: 54.267 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

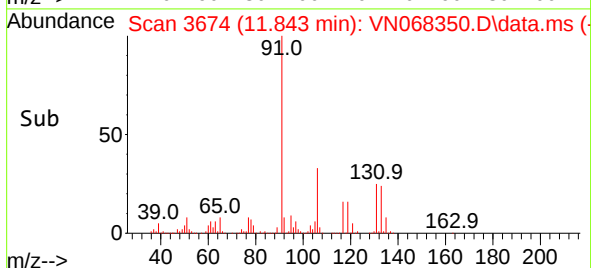
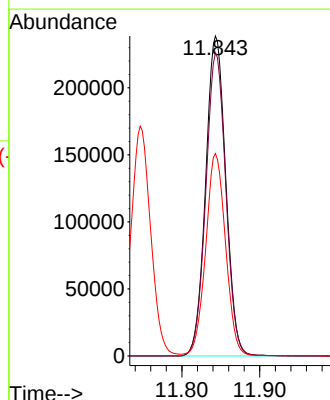
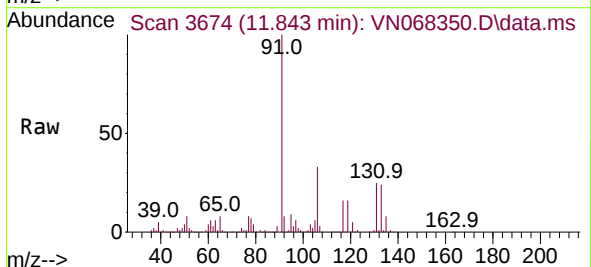
Instrument :  
MSVOA\_N  
ClientSampled :

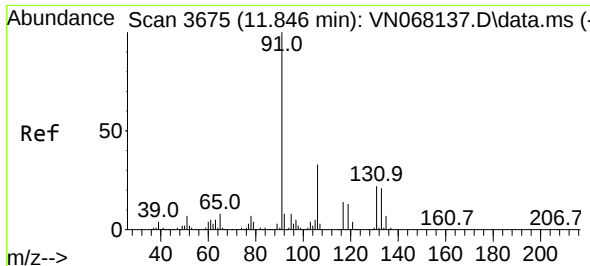
Tgt Ion:112 Resp: 1032040  
Ion Ratio Lower Upper  
112 100  
114 32.5 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 59.762 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:131 Resp: 428722  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.5 142.5  
119 62.5 33.1 99.3

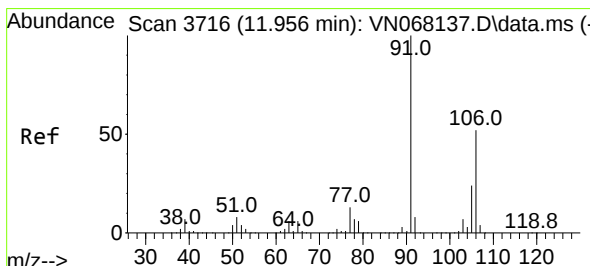
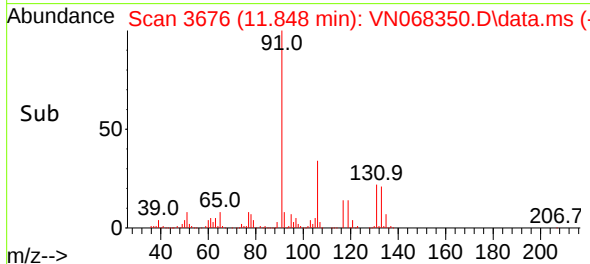
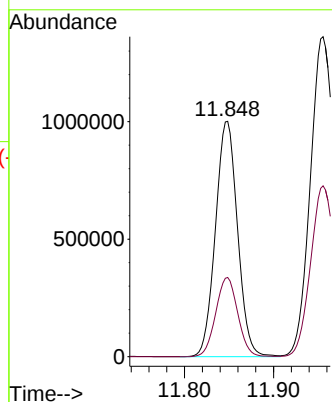
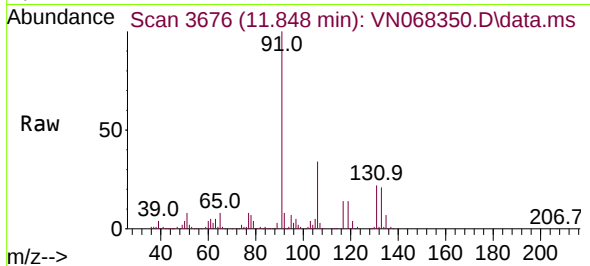




#67  
Ethyl Benzene  
Concen: 55.061 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.002 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

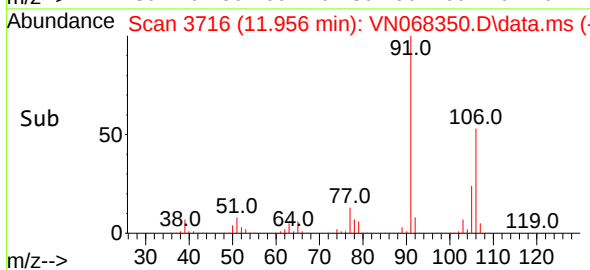
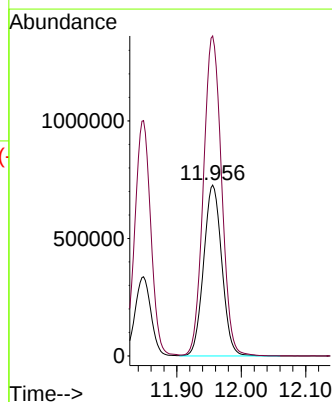
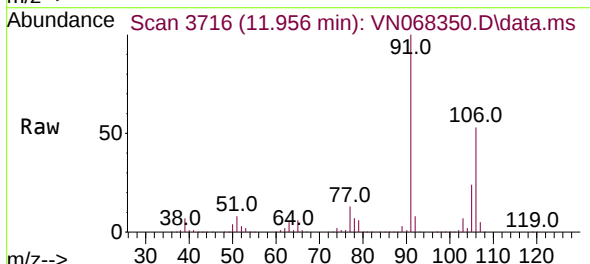
Instrument :  
MSVOA\_N  
ClientSampled :

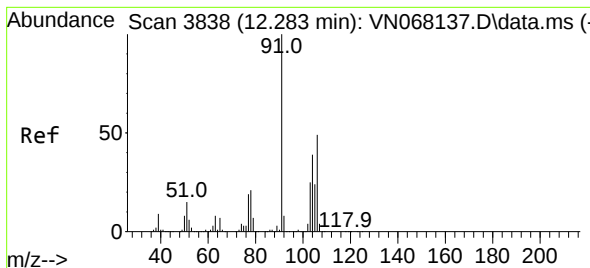
Tgt Ion: 91 Resp: 1727269  
Ion Ratio Lower Upper  
91 100  
106 33.6 23.4 35.0



#68  
m/p-Xylenes  
Concen: 113.353 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:106 Resp: 1422468  
Ion Ratio Lower Upper  
106 100  
91 187.4 180.6 270.8

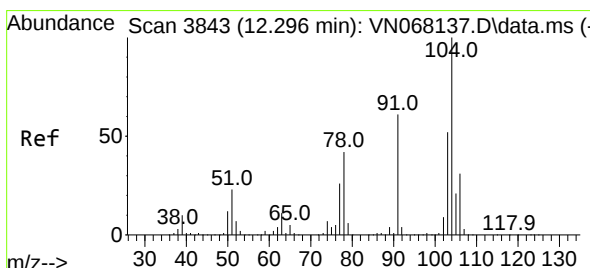
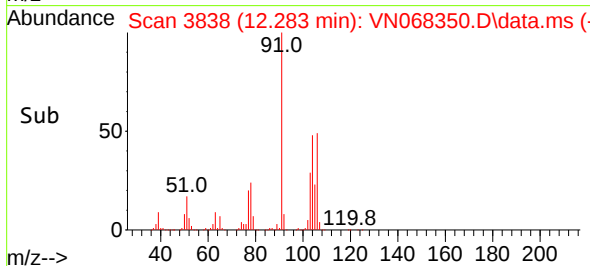
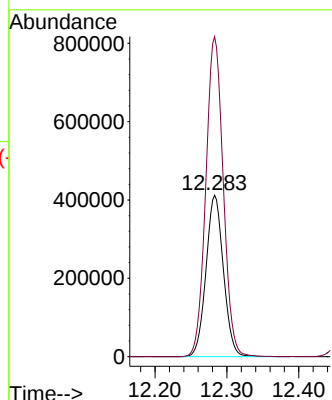
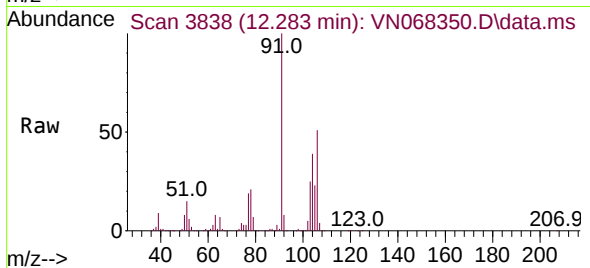




#69  
o-Xylene  
Concen: 57.268 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

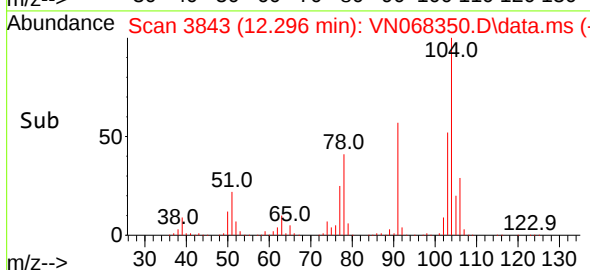
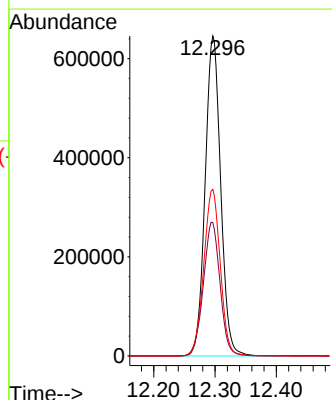
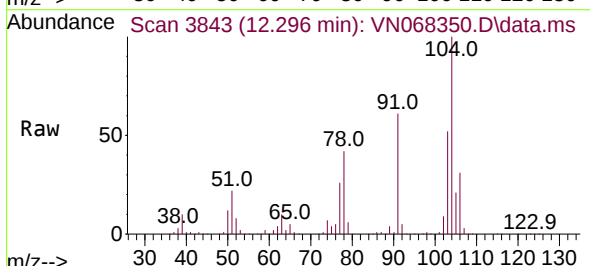
Instrument :  
MSVOA\_N  
ClientSampled :

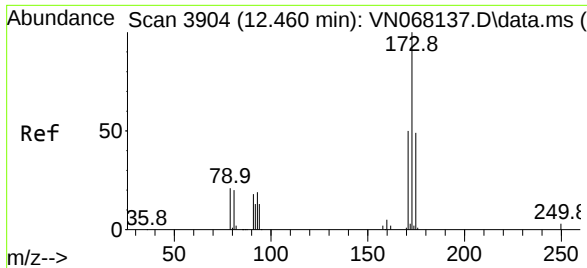
Tgt Ion:106 Resp: 694377  
Ion Ratio Lower Upper  
106 100  
91 198.6 118.3 354.9



#70  
Styrene  
Concen: 58.619 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:104 Resp: 1137671  
Ion Ratio Lower Upper  
104 100  
78 44.8 48.2 72.2#  
103 55.4 44.5 66.7

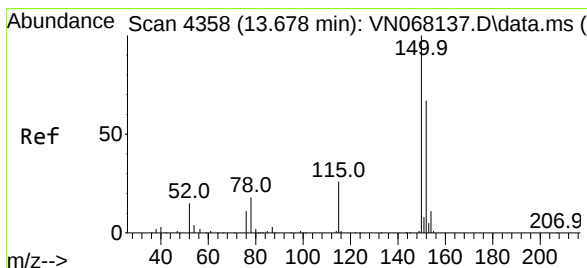
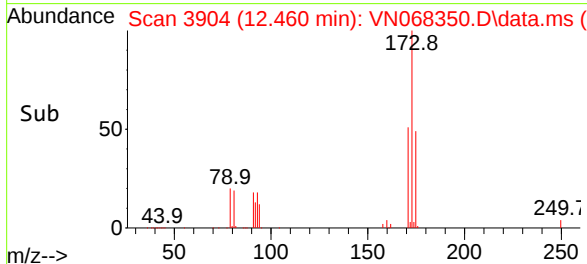
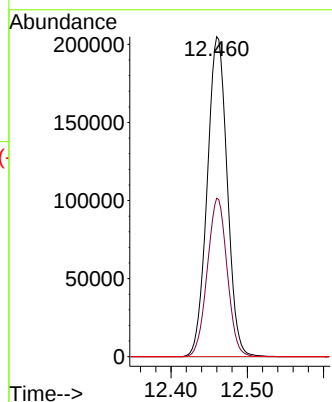
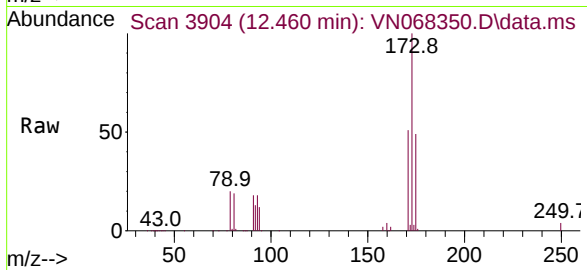




#71  
Bromoform  
Concen: 64.828 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

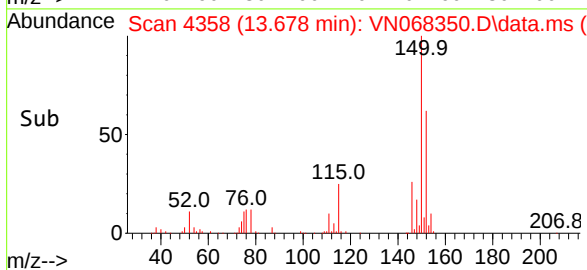
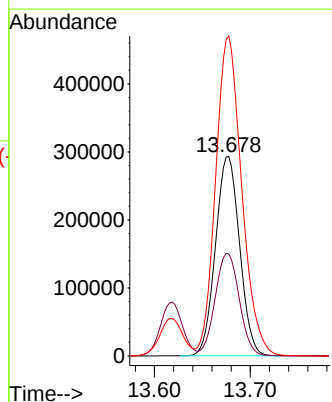
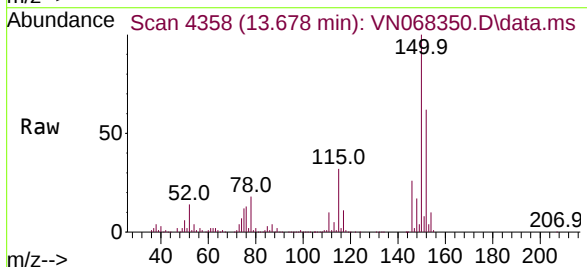
Instrument :  
MSVOA\_N  
ClientSampled :

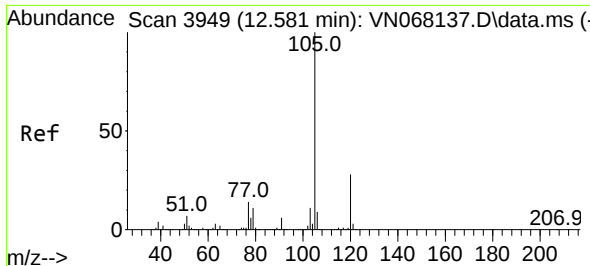
Tgt Ion:173 Resp: 372971  
Ion Ratio Lower Upper  
173 100  
175 49.2 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:152 Resp: 511461  
Ion Ratio Lower Upper  
152 100  
115 51.4 36.1 108.5  
150 173.5 0.0 351.8

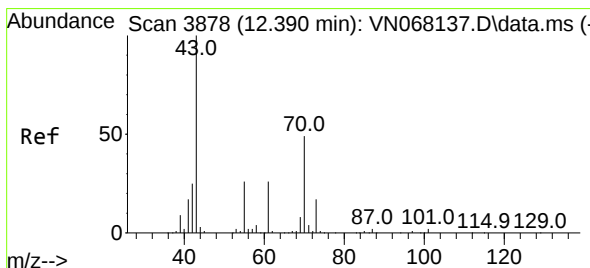
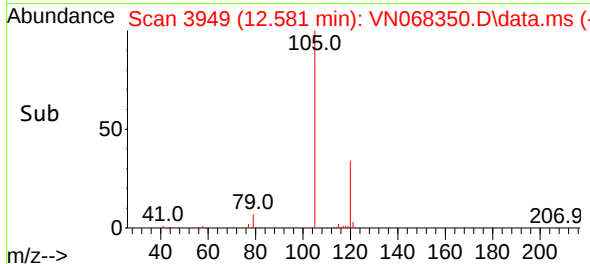
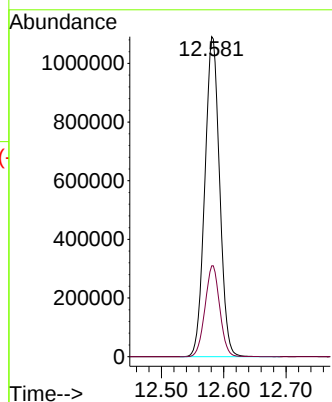
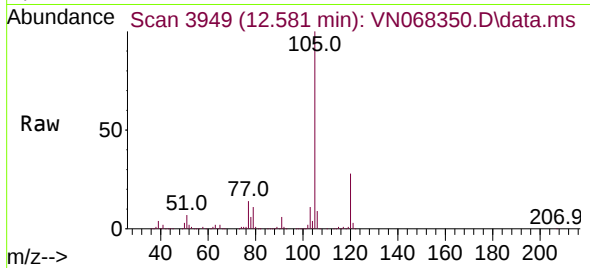




#73  
Isopropylbenzene  
Concen: 49.354 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

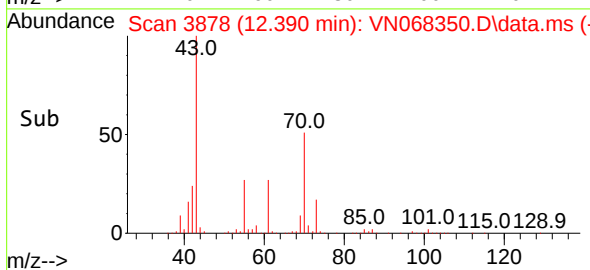
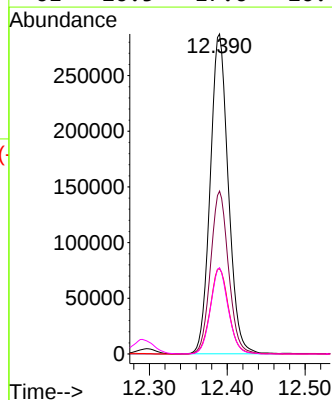
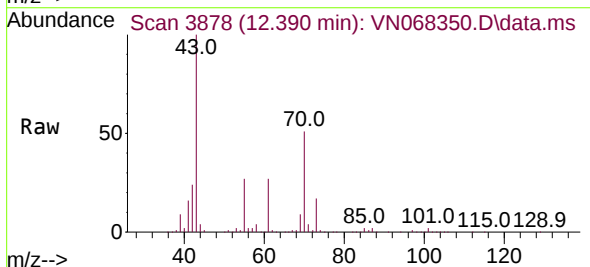
Instrument :  
MSVOA\_N  
ClientSampleId :

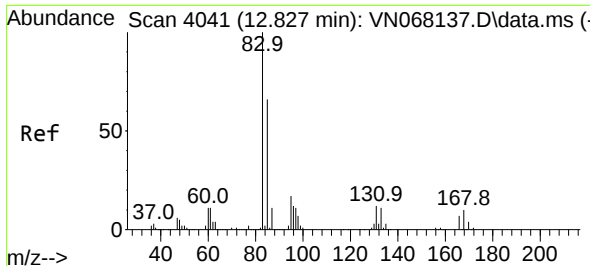
Tgt Ion:105 Resp: 1795281  
Ion Ratio Lower Upper  
105 100  
120 28.4 12.5 37.5



#74  
N-ethyl acetate  
Concen: 48.878 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 43 Resp: 462970  
Ion Ratio Lower Upper  
43 100  
70 50.7 29.4 44.2#  
55 27.2 17.0 25.4#  
61 26.5 17.6 26.4#

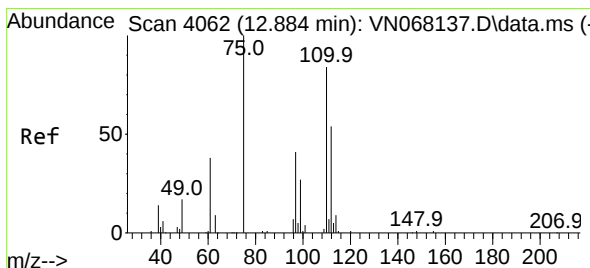
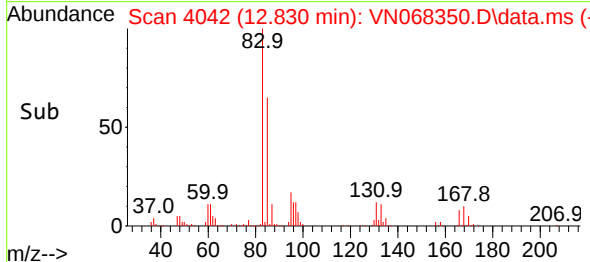
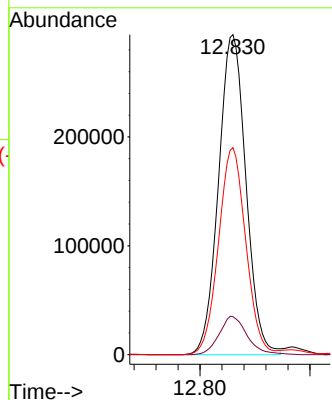
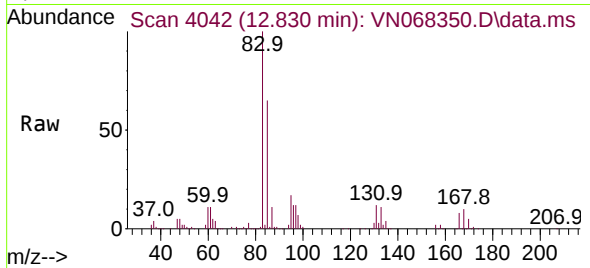




#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.647 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

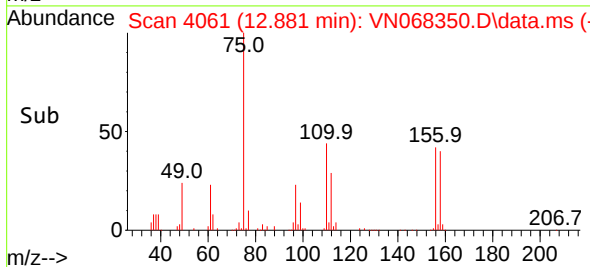
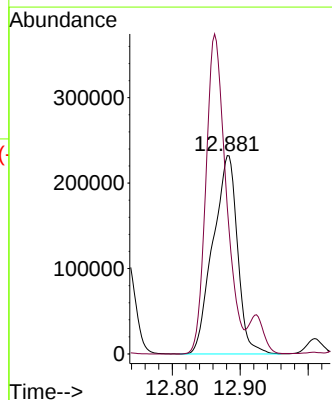
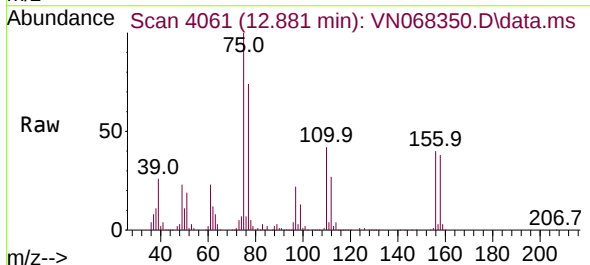
Instrument :  
MSVOA\_N  
ClientSampled :

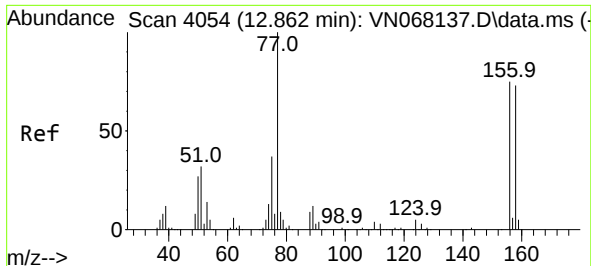
Tgt Ion: 83 Resp: 508878  
Ion Ratio Lower Upper  
83 100  
131 12.2 4.8 14.4  
85 64.4 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 68.504 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. -0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 75 Resp: 582356  
Ion Ratio Lower Upper  
75 100  
77 133.1 0.0 0.0#

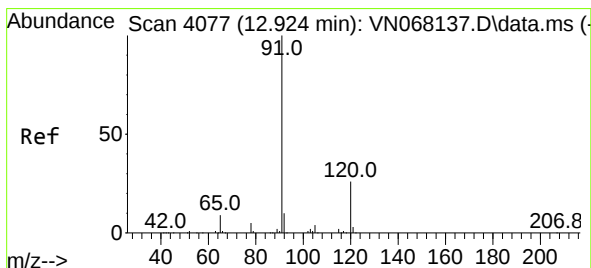
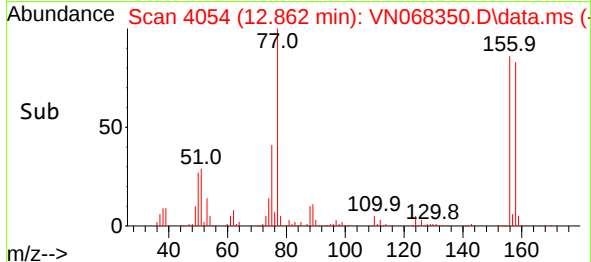
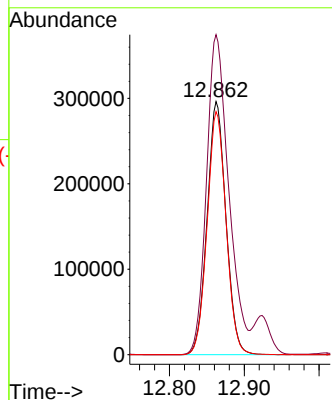
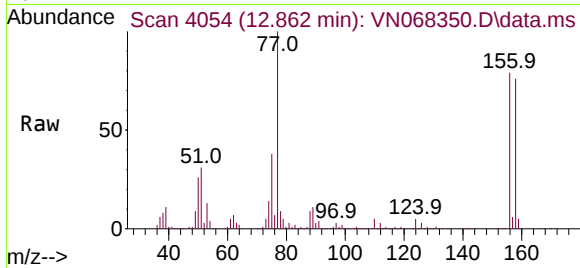




#77  
Bromobenzene  
Concen: 51.864 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

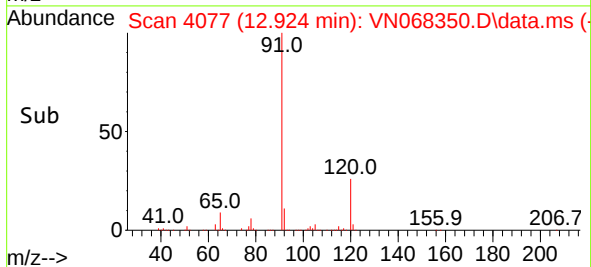
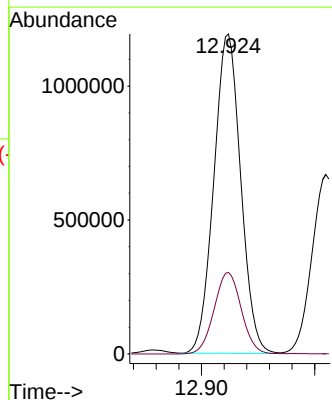
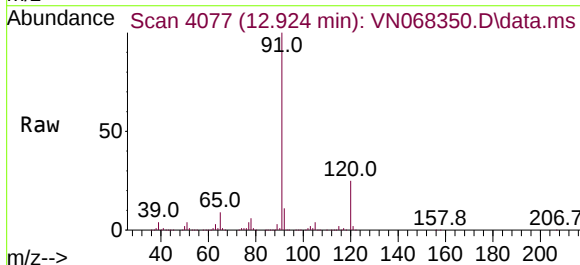
Instrument :  
MSVOA\_N  
ClientSampled :

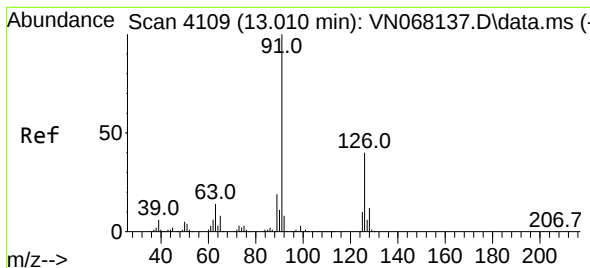
Tgt Ion:156 Resp: 519751  
Ion Ratio Lower Upper  
156 100  
77 149.1 136.2 408.6  
158 96.3 48.4 145.3



#78  
n-propylbenzene  
Concen: 50.269 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 91 Resp: 1961511  
Ion Ratio Lower Upper  
91 100  
120 25.9 10.4 31.4

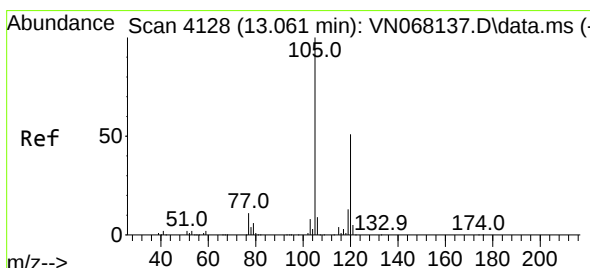
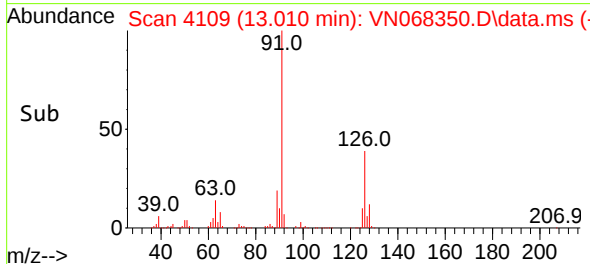
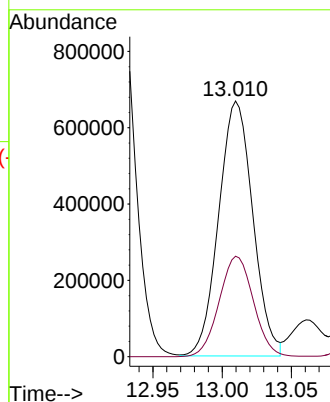
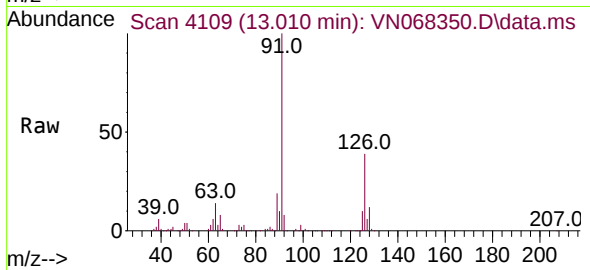




#79  
2-Chlorotoluene  
Concen: 47.575 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

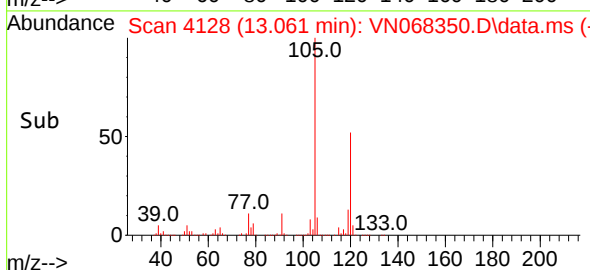
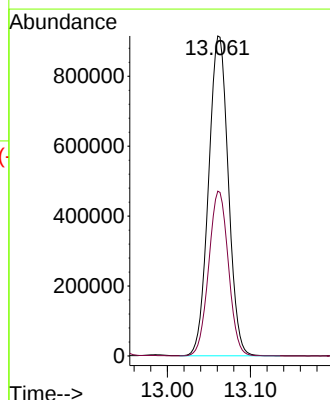
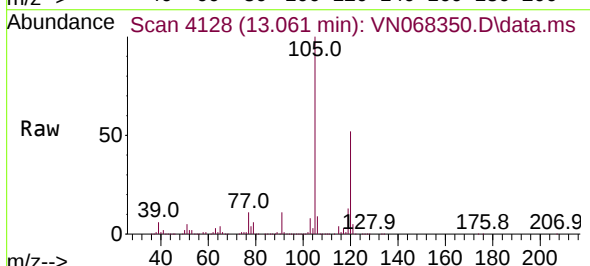
Instrument :  
MSVOA\_N  
ClientSampled :

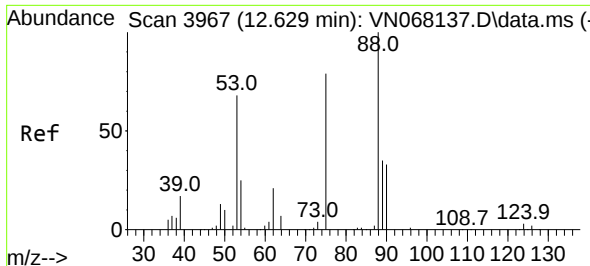
Tgt Ion: 91 Resp: 1148056  
Ion Ratio Lower Upper  
91 100  
126 39.5 14.5 43.5



#80  
1,3,5-Trimethylbenzene  
Concen: 51.150 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 105 Resp: 1505184  
Ion Ratio Lower Upper  
105 100  
120 51.3 22.2 66.6

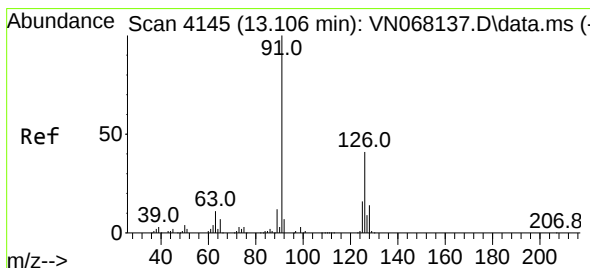
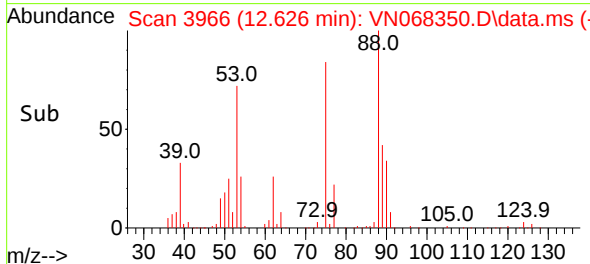
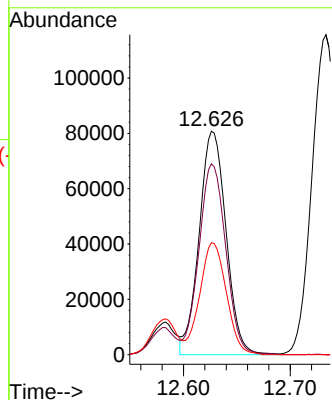
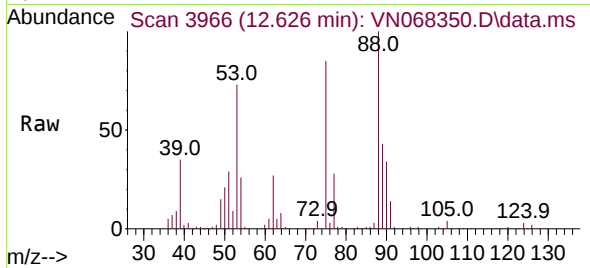




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.517 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. -0.003 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

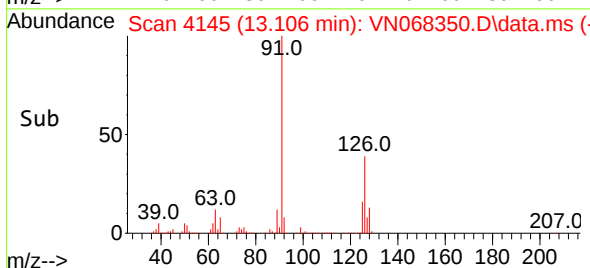
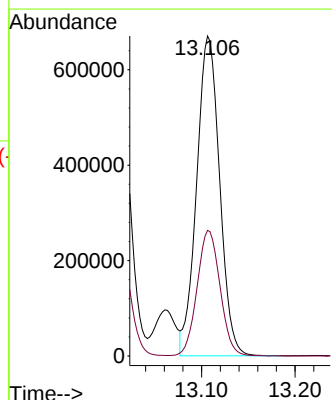
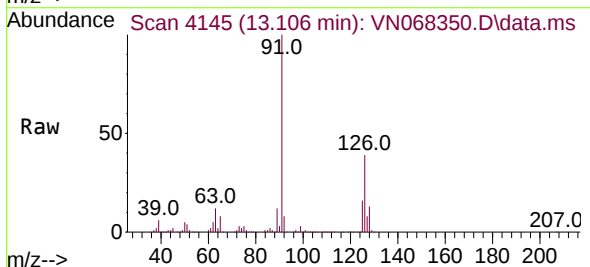
Instrument :  
MSVOA\_N  
ClientSampleId :

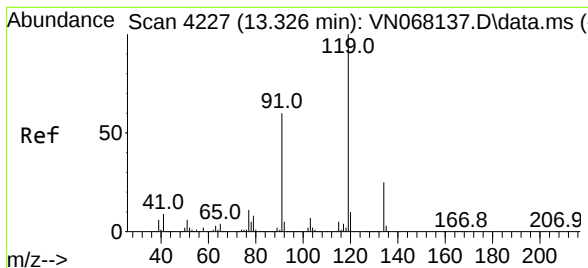
Tgt Ion: 75 Resp: 141461  
Ion Ratio Lower Upper  
75 100  
53 85.8 87.6 131.4#  
89 49.7 37.8 56.8



#82  
4-Chlorotoluene  
Concen: 48.895 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 91 Resp: 1145261  
Ion Ratio Lower Upper  
91 100  
126 39.3 14.8 44.4

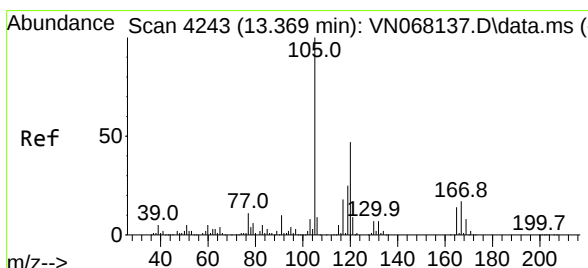
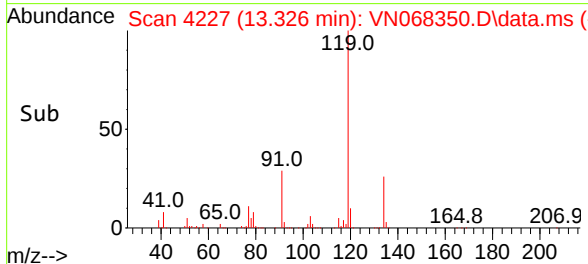
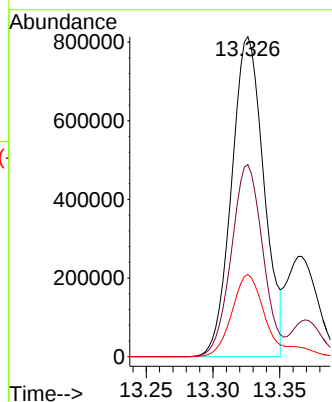
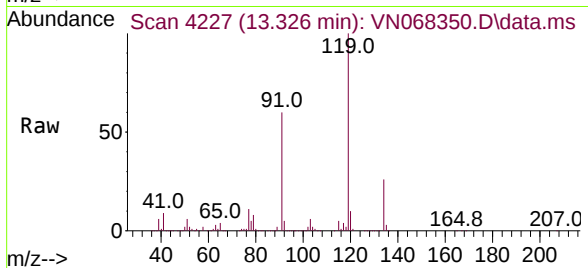




#83  
tert-Butylbenzene  
Concen: 52.405 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

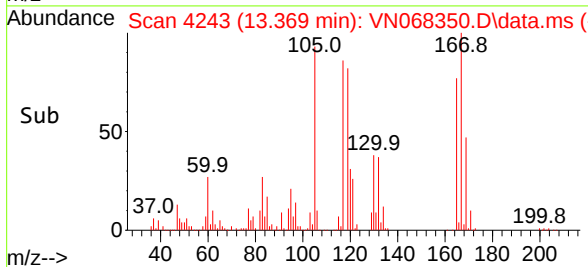
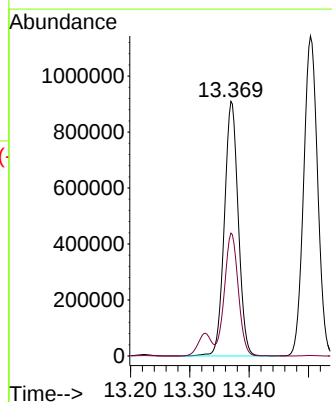
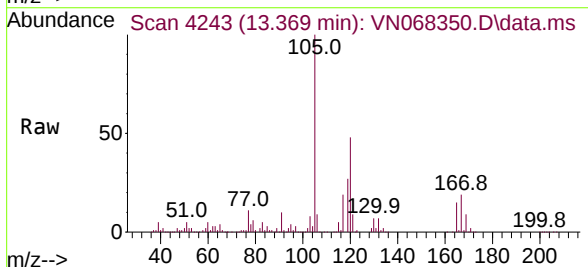
Instrument :  
MSVOA\_N  
ClientSampled :

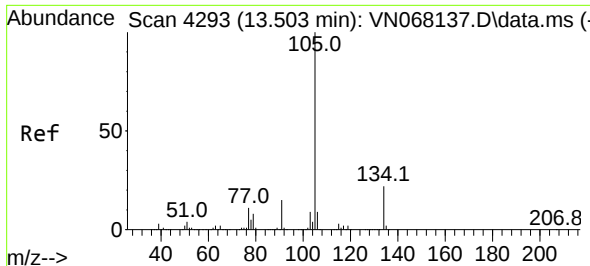
Tgt Ion:119 Resp: 1369379  
Ion Ratio Lower Upper  
119 100  
91 59.0 39.5 118.5  
134 27.8 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 51.737 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:105 Resp: 1486247  
Ion Ratio Lower Upper  
105 100  
120 48.1 20.6 61.8

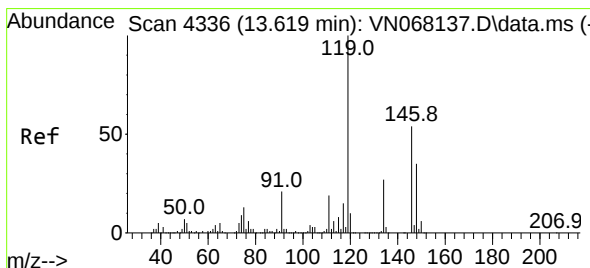
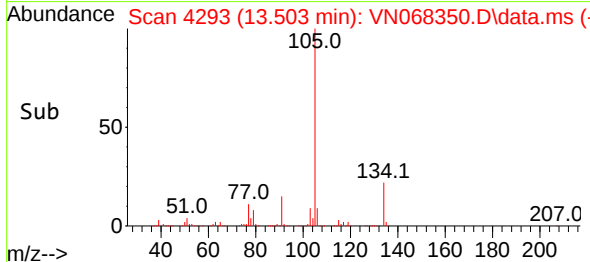
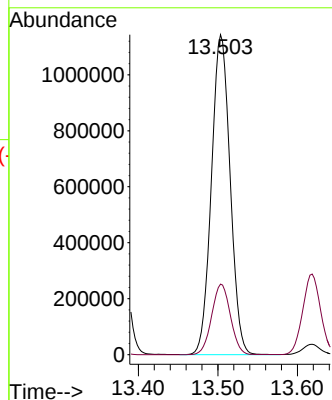
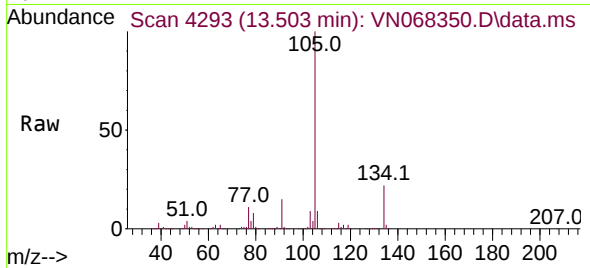




#85  
 sec-Butylbenzene  
 Concen: 54.337 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN068350.D  
 Acq: 27 Aug 2021 17:35

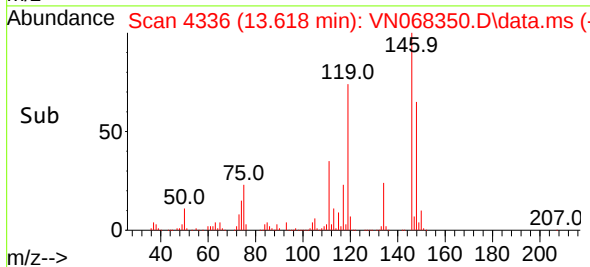
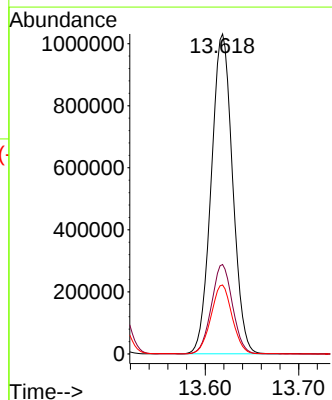
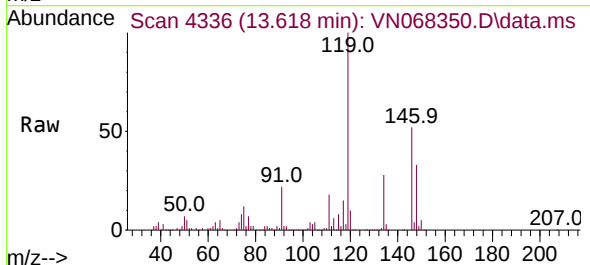
Instrument :  
 MSVOA\_N  
 ClientSampled :

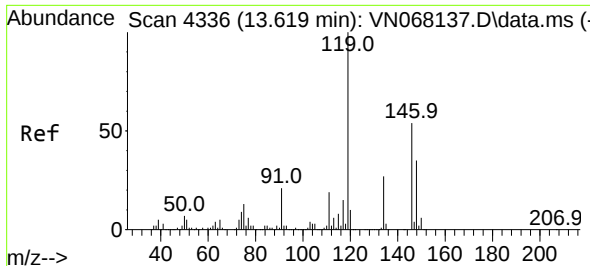
Tgt Ion:105 Resp: 1869595  
 Ion Ratio Lower Upper  
 105 100  
 134 22.1 9.0 27.1



#86  
 p-Isopropyltoluene  
 Concen: 57.434 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. -0.001 min  
 Lab File: VN068350.D  
 Acq: 27 Aug 2021 17:35

Tgt Ion:119 Resp: 1631184  
 Ion Ratio Lower Upper  
 119 100  
 134 27.6 12.4 37.4  
 91 21.4 14.8 44.3

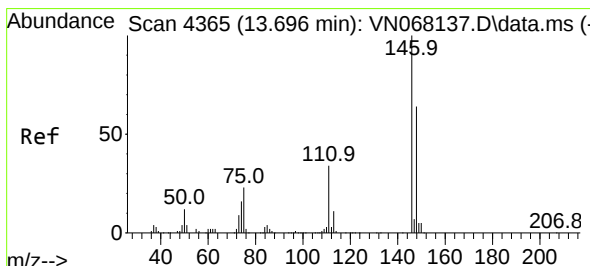
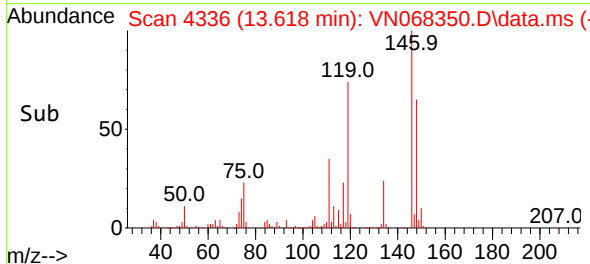
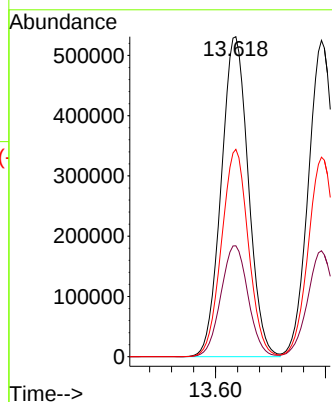
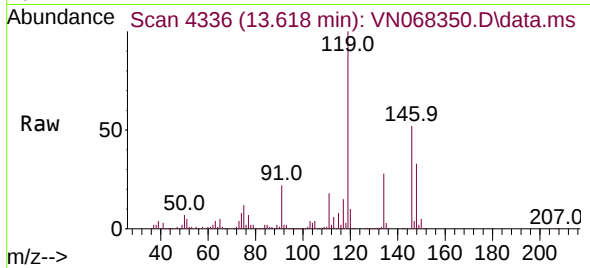




#87  
1,3-Dichlorobenzene  
Concen: 53.258 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

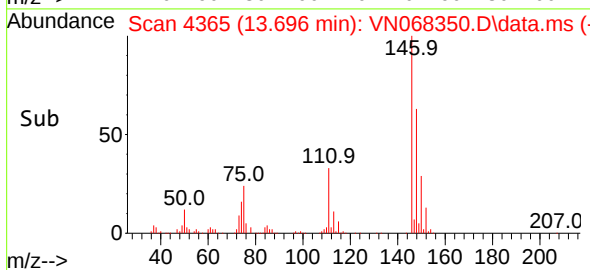
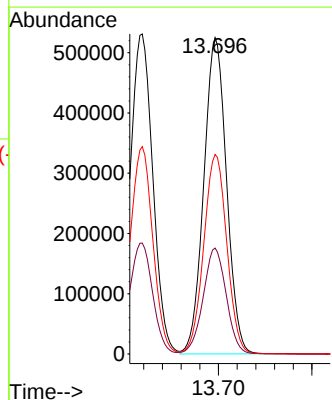
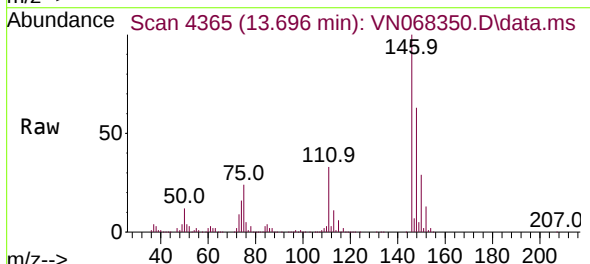
Instrument :  
MSVOA\_N  
ClientSampled :

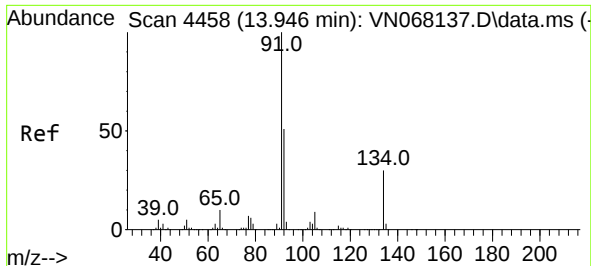
Tgt Ion:146 Resp: 910092  
Ion Ratio Lower Upper  
146 100  
111 34.8 24.3 72.8  
148 64.1 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 51.262 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:146 Resp: 887423  
Ion Ratio Lower Upper  
146 100  
111 33.9 23.4 70.2  
148 64.2 31.8 95.3

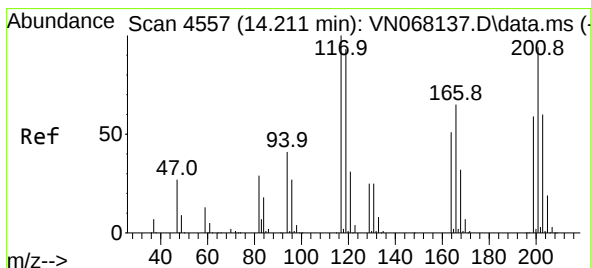
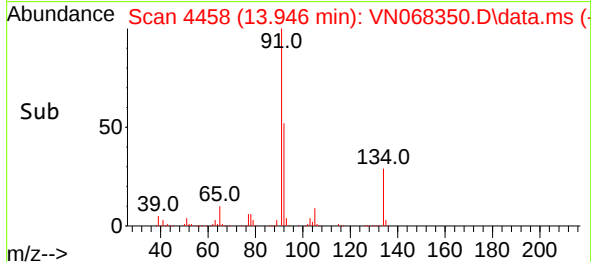
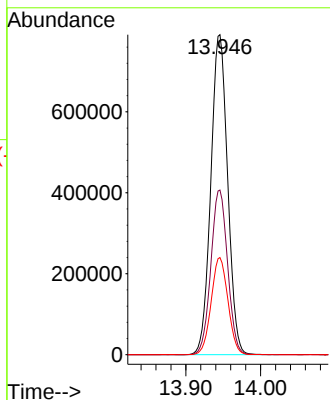
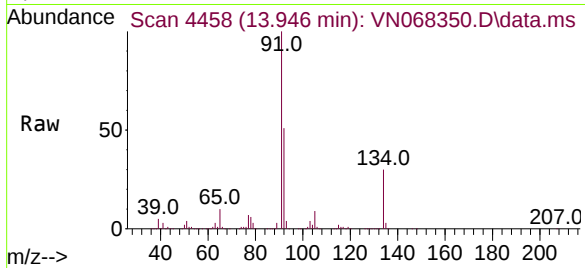




#89  
n-Butylbenzene  
Concen: 58.229 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

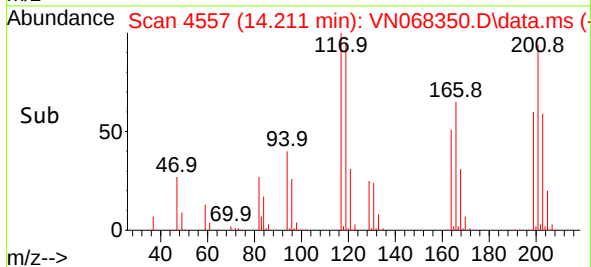
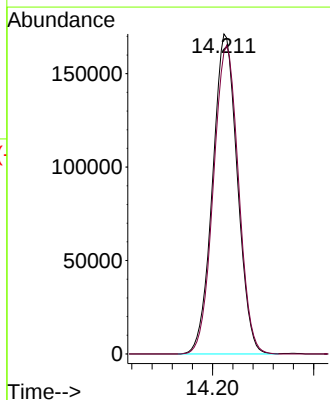
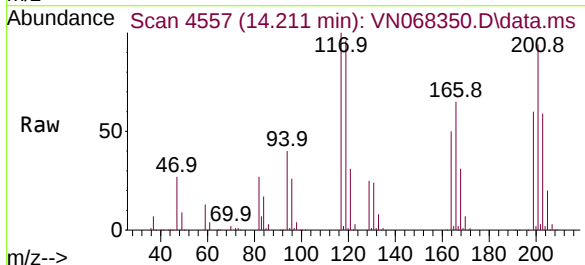
Instrument :  
MSVOA\_N  
ClientSampled :

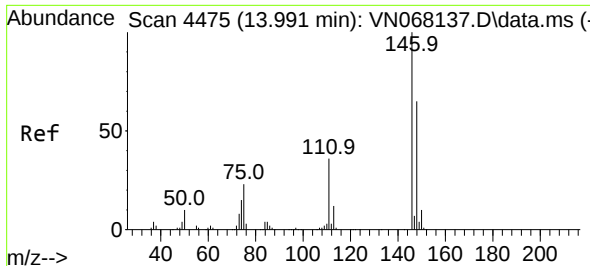
Tgt Ion: 91 Resp: 1233668  
Ion Ratio Lower Upper  
91 100  
92 51.3 25.7 77.1  
134 30.3 11.2 33.6



#90  
Hexachloroethane  
Concen: 55.255 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 117 Resp: 291169  
Ion Ratio Lower Upper  
117 100  
201 97.7 33.5 100.5

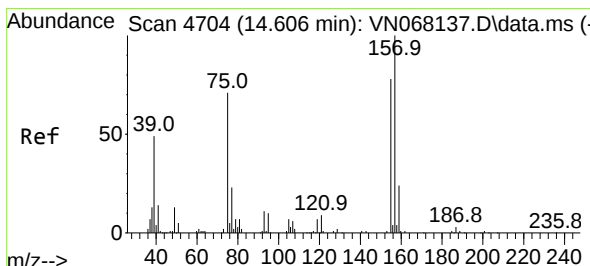
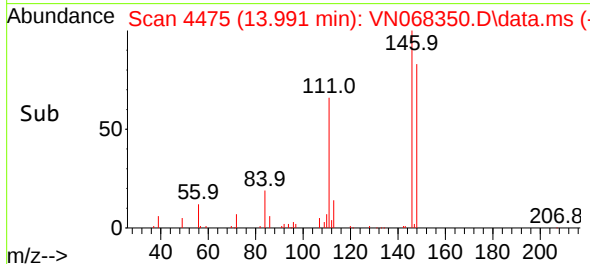
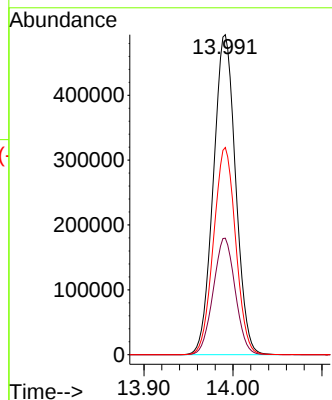
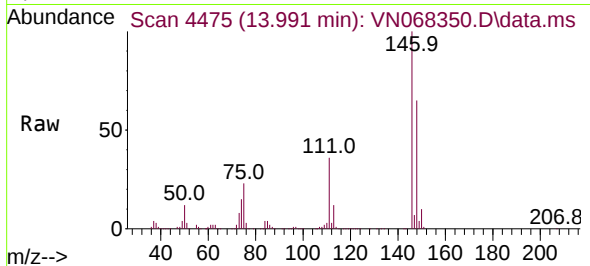




#91  
1,2-Dichlorobenzene  
Concen: 52.749 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

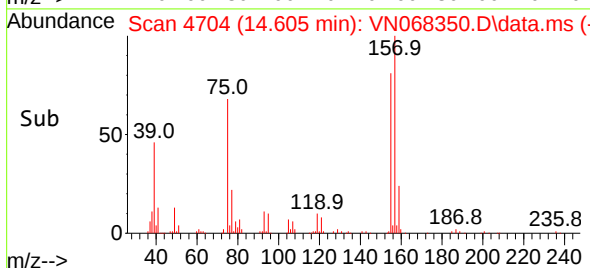
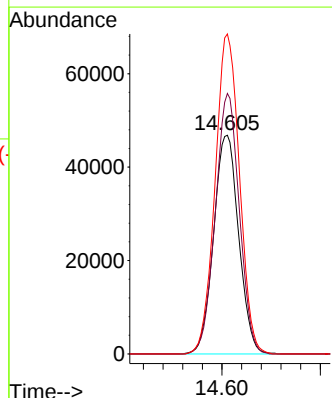
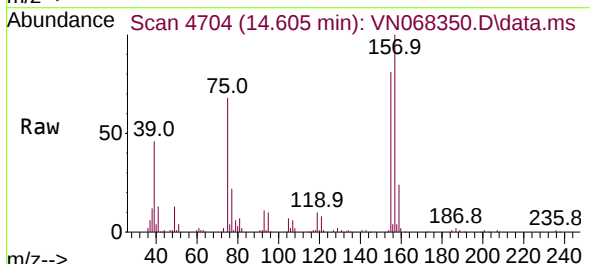
Instrument :  
MSVOA\_N  
ClientSampleId :

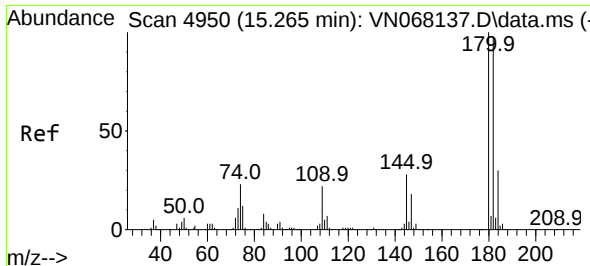
Tgt Ion:146 Resp: 858200  
Ion Ratio Lower Upper  
146 100  
111 36.0 24.9 74.6  
148 64.3 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.228 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion: 75 Resp: 82996  
Ion Ratio Lower Upper  
75 100  
155 114.2 29.8 89.5#  
157 142.3 37.6 112.8#

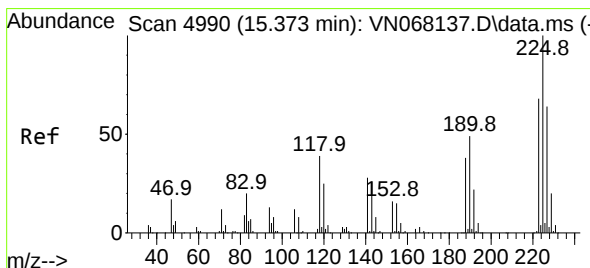
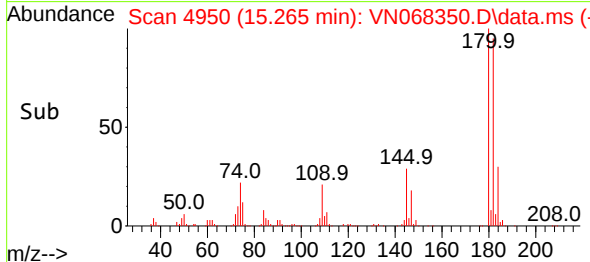
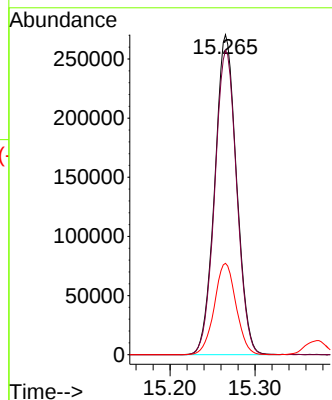
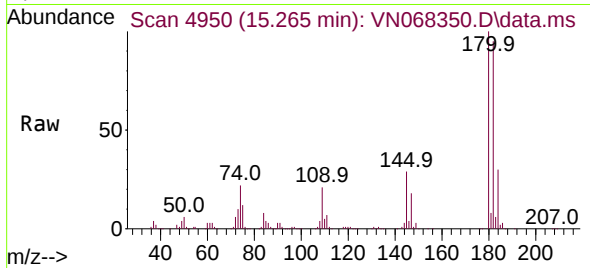




#93  
1,2,4-Trichlorobenzene  
Concen: 56.103 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

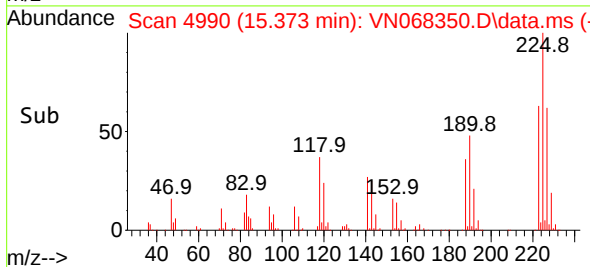
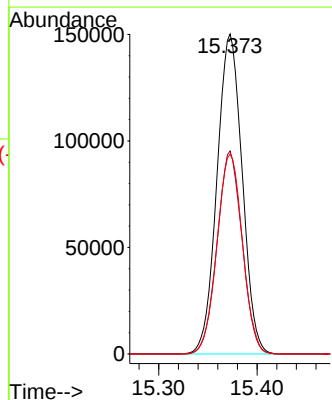
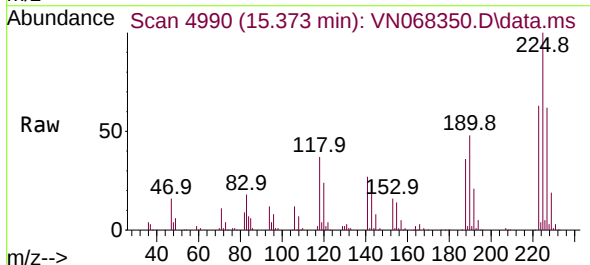
Instrument :  
MSVOA\_N  
ClientSampled :

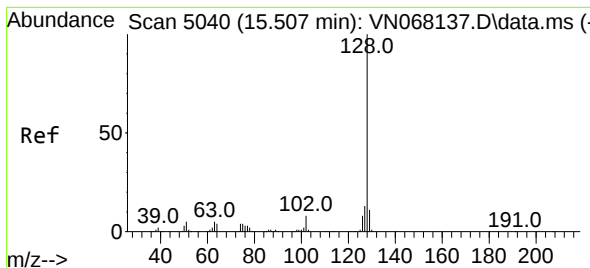
Tgt Ion:180 Resp: 481640  
Ion Ratio Lower Upper  
180 100  
182 95.9 47.5 142.5  
145 28.5 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 60.821 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:225 Resp: 267993  
Ion Ratio Lower Upper  
225 100  
223 62.8 31.4 94.0  
227 63.0 31.2 93.6

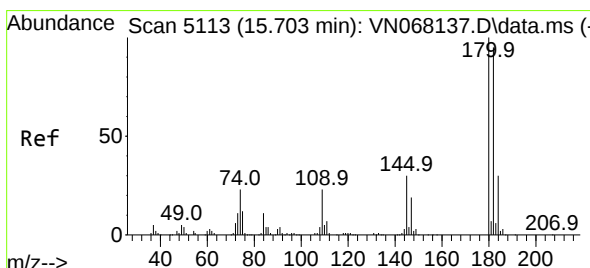
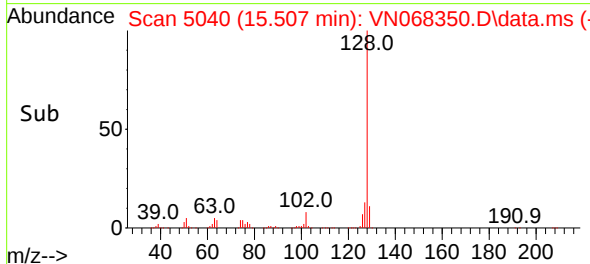
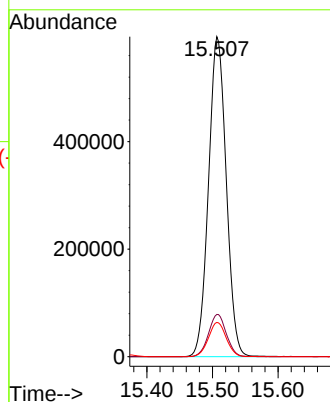
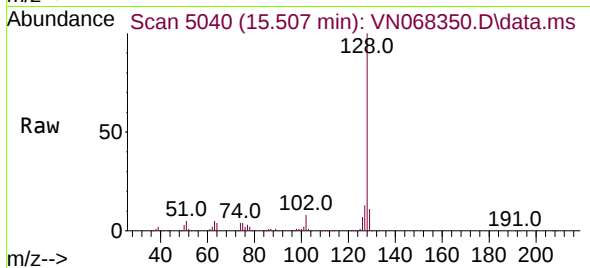




#95  
Naphthalene  
Concen: 55.212 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:128 Resp: 1115968  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 15.8  
129 10.8 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 56.935 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. -0.001 min  
Lab File: VN068350.D  
Acq: 27 Aug 2021 17:35

Tgt Ion:180 Resp: 464572  
Ion Ratio Lower Upper  
180 100  
182 95.5 47.8 143.3  
145 29.3 18.2 54.6

