

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081721\  
 Data File : VN068162.D  
 Acq On : 18 Aug 2021 00:14  
 Operator : JC/MD  
 Sample : VN0817WBSD02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD02

Quant Time: Aug 18 07:22:52 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        | 8.085  | 168   | 567437   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 8.971  | 114   | 894907   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.749 | 117   | 868857   | 50.000   | ug/l       | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4   | 13.675 | 152   | 414982   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.440  | 65    | 316668   | 52.267   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | = 104.540% |          |
| 35) Dibromofluoromethane     | 8.021  | 113   | 286360   | 50.968   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | = 101.940% |          |
| 50) Toluene-d8               | 10.443 | 98    | 1126481  | 52.619   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | = 105.240% |          |
| 62) 4-Bromofluorobenzene     | 12.733 | 95    | 373953   | 52.472   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | = 104.940% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.073  | 85    | 94237    | 20.959   | ug/l       | 98       |
| 3) Chloromethane             | 2.303  | 50    | 100205   | 19.726   | ug/l       | 96       |
| 4) Vinyl Chloride            | 2.443  | 62    | 160514   | 20.166   | ug/l       | 98       |
| 5) Bromomethane              | 2.853  | 94    | 146439   | 21.556   | ug/l       | 99       |
| 6) Chloroethane              | 3.017  | 64    | 116414   | 21.919   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 3.371  | 101   | 311138   | 19.884   | ug/l       | 97       |
| 8) Diethyl Ether             | 3.821  | 74    | 97320    | 26.813   | ug/l       | 81       |
| 9) 1,1,2-Trichlorotrifluo... | 4.202  | 101   | 95816    | 20.027   | ug/l       | # 73     |
| 10) Methyl Iodide            | 4.419  | 142   | 137932   | 20.275   | ug/l       | 88       |
| 11) Tert butyl alcohol       | 5.390  | 59    | 76439    | 101.169  | ug/l       | 97       |
| 12) 1,1-Dichloroethene       | 4.178  | 96    | 90450    | 19.663   | ug/l       | # 74     |
| 13) Acrolein                 | 4.038  | 56    | 47560    | 89.464   | ug/l       | 100      |
| 14) Allyl chloride           | 4.840  | 41    | 113710   | 19.338   | ug/l       | # 92     |
| 15) Acrylonitrile            | 5.562  | 53    | 218434   | 102.614  | ug/l       | 98       |
| 16) Acetone                  | 4.293  | 43    | 171791   | 97.115   | ug/l       | 91       |
| 17) Carbon Disulfide         | 4.521  | 76    | 237532   | 19.974   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.859  | 43    | 101100   | 20.487   | ug/l       | # 85     |
| 19) Methyl tert-butyl Ether  | 5.623  | 73    | 310530   | 20.938   | ug/l       | 94       |
| 20) Methylene Chloride       | 5.092  | 84    | 111310   | 21.534   | ug/l       | # 81     |
| 21) trans-1,2-Dichloroethene | 5.594  | 96    | 103866   | 20.168   | ug/l       | # 79     |
| 22) Diisopropyl ether        | 6.503  | 45    | 268811   | 20.927   | ug/l       | # 93     |
| 23) Vinyl Acetate            | 6.436  | 43    | 896377   | 89.650   | ug/l       | # 88     |
| 24) 1,1-Dichloroethane       | 6.388  | 63    | 172786   | 20.133   | ug/l       | 95       |
| 25) 2-Butanone               | 7.343  | 43    | 270670   | 98.183   | ug/l       | # 88     |
| 26) 2,2-Dichloropropane      | 7.324  | 77    | 122074   | 16.601   | ug/l       | 87       |
| 27) cis-1,2-Dichloroethene   | 7.332  | 96    | 123087   | 19.961   | ug/l       | 74       |
| 28) Bromochloromethane       | 7.656  | 49    | 63057    | 16.709   | ug/l       | # 44     |
| 29) Tetrahydrofuran          | 7.689  | 42    | 183369   | 104.007  | ug/l       | # 82     |
| 30) Chloroform               | 7.820  | 83    | 203503   | 19.905   | ug/l       | 98       |
| 31) Cyclohexane              | 8.094  | 56    | 154649   | 19.379   | ug/l       | # 80     |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 185023   | 20.294   | ug/l       | 94       |
| 36) 1,1-Dichloropropene      | 8.222  | 75    | 143552   | 19.623   | ug/l       | 91       |
| 37) Ethyl Acetate            | 7.420  | 43    | 114338   | 18.346   | ug/l       | # 96     |
| 38) Carbon Tetrachloride     | 8.209  | 117   | 169318   | 20.067   | ug/l       | 99       |
| 39) Methylcyclohexane        | 9.461  | 83    | 158348   | 19.165   | ug/l       | # 85     |
| 40) Benzene                  | 8.461  | 78    | 446465   | 19.996   | ug/l       | 98       |

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 Sample : VN0817WBSD02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD02

Quant Time: Aug 18 07:22:52 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         | 7.643  | 41   | 51885    | 18.235  | ug/l # | 77       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 153480   | 20.180  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.566  | 43   | 198414   | 19.875  | ug/l # | 89       |
| 44) Trichloroethene           | 9.220  | 130  | 136364   | 20.309  | ug/l   | 73       |
| 45) 1,2-Dichloropropane       | 9.494  | 63   | 105659   | 20.118  | ug/l   | 97       |
| 46) Dibromomethane            | 9.579  | 93   | 85876    | 20.045  | ug/l # | 78       |
| 47) Bromodichloromethane      | 9.764  | 83   | 158780   | 19.944  | ug/l # | 93       |
| 48) Methyl methacrylate       | 9.563  | 41   | 85552    | 20.564  | ug/l # | 82       |
| 49) 1,4-Dioxane               | 9.574  | 88   | 38984    | 387.687 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 618803   | 100.908 | ug/l   | 89       |
| 52) Toluene                   | 10.507 | 92   | 308702   | 20.280  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 156706   | 20.040  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 168433   | 19.881  | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane     | 10.902 | 97   | 121259   | 19.934  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 158496   | 20.290  | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 184556   | 19.699  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 104771   | 76.599  | ug/l # | 83       |
| 59) 2-Hexanone                | 11.089 | 43   | 429166   | 100.788 | ug/l   | 87       |
| 60) Dibromochloromethane      | 11.239 | 129  | 139263   | 20.293  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 130744   | 20.725  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.979 | 164  | 137364   | 20.446  | ug/l   | 90       |
| 65) Chlorobenzene             | 11.773 | 112  | 349283   | 19.634  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 136274   | 20.308  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 587733   | 20.029  | ug/l   | 94       |
| 68) m/p-Xylenes               | 11.956 | 106  | 477458   | 40.675  | ug/l   | 79       |
| 69) o-Xylene                  | 12.283 | 106  | 229679   | 20.250  | ug/l   | 81       |
| 70) Styrene                   | 12.296 | 104  | 368630   | 20.305  | ug/l # | 90       |
| 71) Bromoform                 | 12.460 | 173  | 108087   | 20.084  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.580 | 105  | 586139   | 19.860  | ug/l   | 95       |
| 74) N-amyl acetate            | 12.390 | 43   | 146595   | 19.075  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 167988   | 18.979  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 190790   | 27.661  | ug/l # | 100      |
| 77) Bromobenzene              | 12.862 | 156  | 158324   | 19.472  | ug/l   | 55       |
| 78) n-propylbenzene           | 12.924 | 91   | 634686   | 20.047  | ug/l   | 91       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 383787   | 19.601  | ug/l   | 83       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 483203   | 20.238  | ug/l   | 90       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 37420    | 17.774  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 377419   | 19.860  | ug/l   | 85       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 422476   | 19.926  | ug/l   | 82       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 477312   | 20.478  | ug/l   | 91       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 548715   | 19.655  | ug/l   | 91       |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 458485   | 19.897  | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 278002   | 20.051  | ug/l   | 91       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 276976   | 19.719  | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.946 | 91   | 332127   | 19.321  | ug/l   | 95       |
| 90) Hexachloroethane          | 14.214 | 117  | 83520    | 19.534  | ug/l   | 74       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 269047   | 20.381  | ug/l   | 91       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 26024    | 19.411  | ug/l # | 37       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 121705   | 19.321  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 67727    | 18.944  | ug/l   | 100      |
| 95) Naphthalene               | 15.509 | 128  | 285725   | 19.711  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 119100   | 19.926  | ug/l   | 95       |

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Sample : VN0817WBSD02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 34 Sample Multiplier: 1

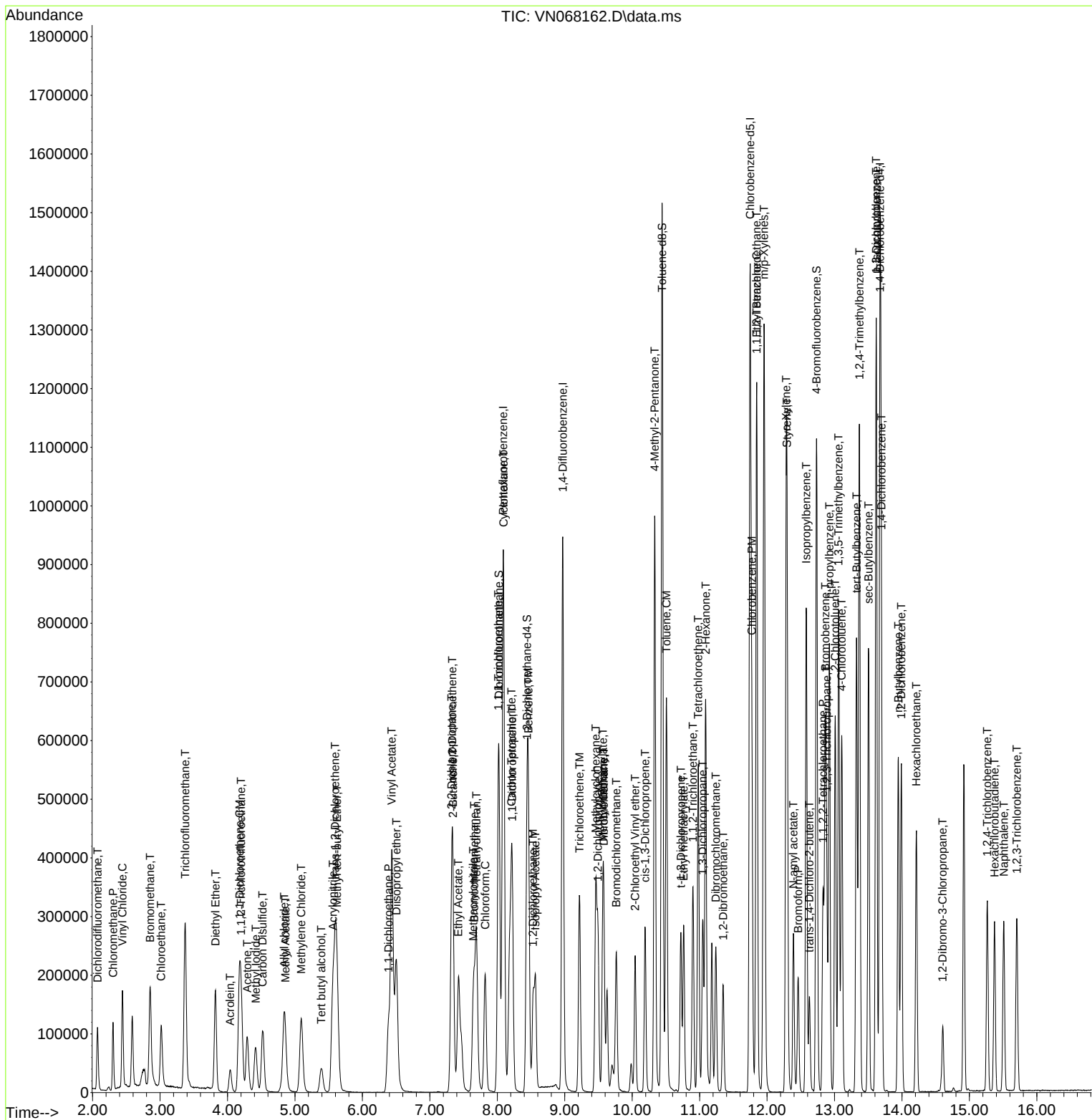
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

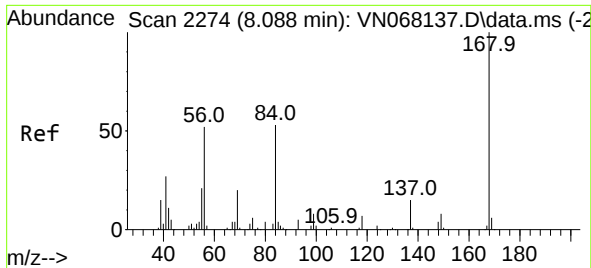
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration

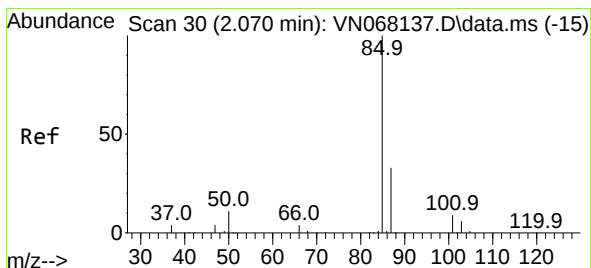
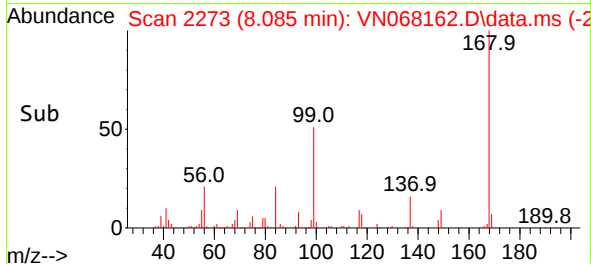
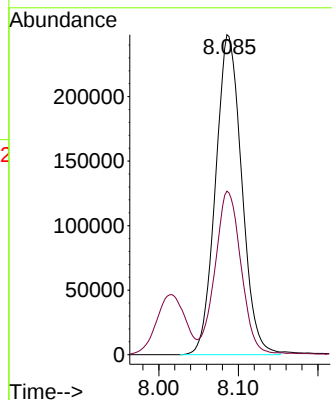
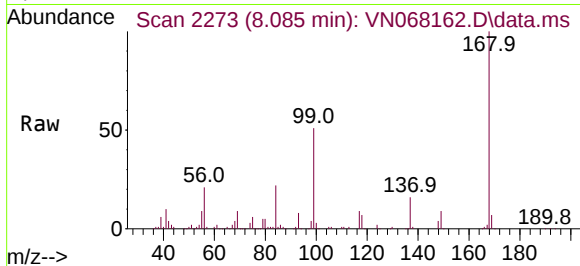




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.085 min Scan# 2273  
Delta R.T. -0.002 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

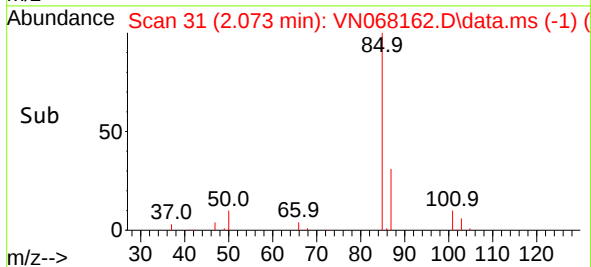
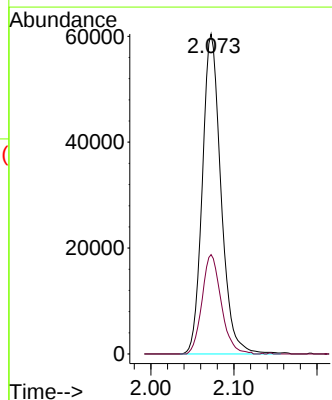
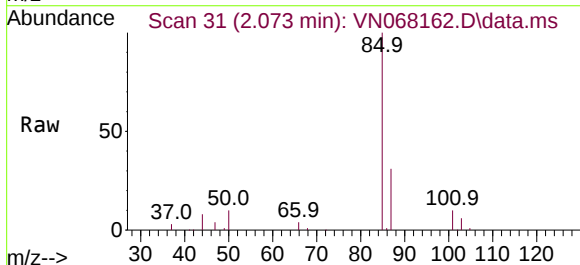
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

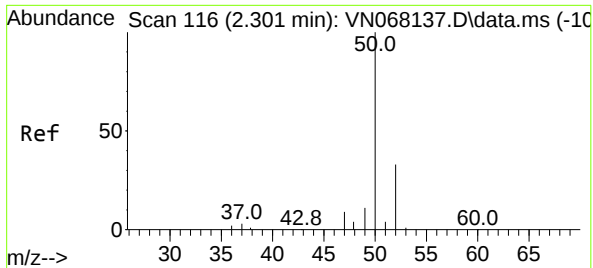
Tgt Ion:168 Resp: 567437  
Ion Ratio Lower Upper  
168 100  
99 50.5 62.9 94.3#



#2  
Dichlorodifluoromethane  
Concen: 20.959 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 85 Resp: 94237  
Ion Ratio Lower Upper  
85 100  
87 31.1 16.1 48.2





#3

Chloromethane

Concen: 19.726 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.002 min

Lab File: VN068162.D

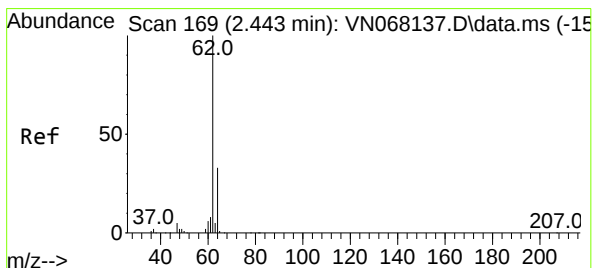
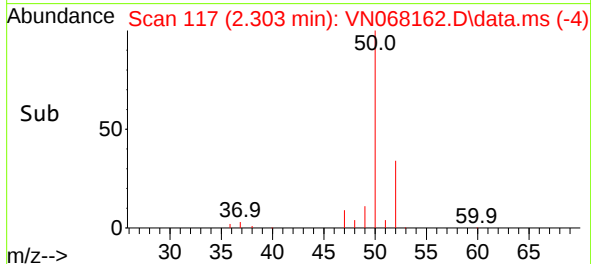
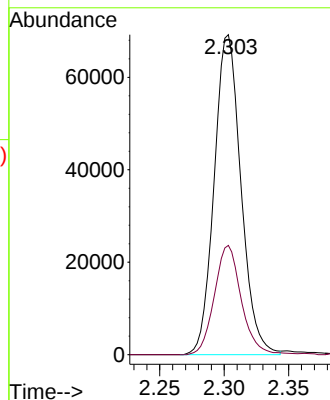
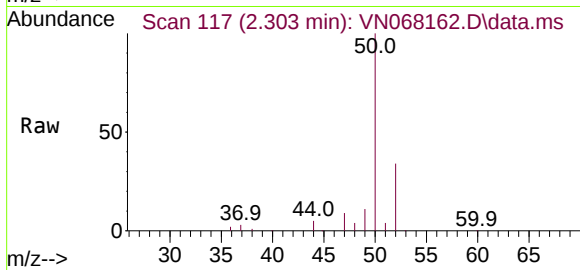
Acq: 18 Aug 2021 00:14

Tgt Ion: 50 Resp: 100205

Ion Ratio Lower Upper

50 100

52 34.2 25.6 38.4



#4

Vinyl Chloride

Concen: 20.166 ug/l

RT: 2.443 min Scan# 169

Delta R.T. -0.000 min

Lab File: VN068162.D

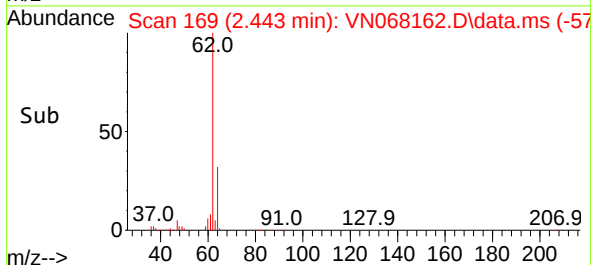
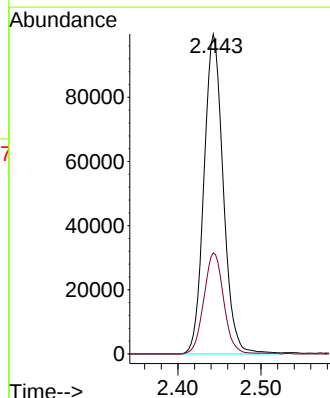
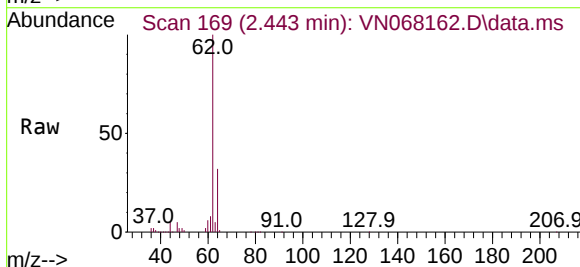
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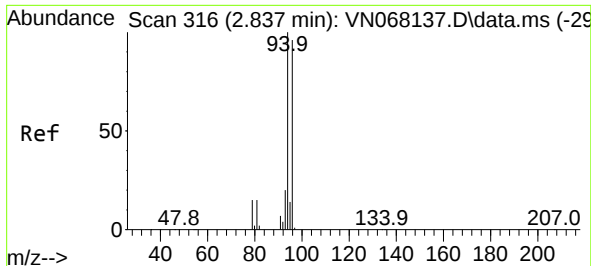
Tgt Ion: 62 Resp: 160514

Ion Ratio Lower Upper

62 100

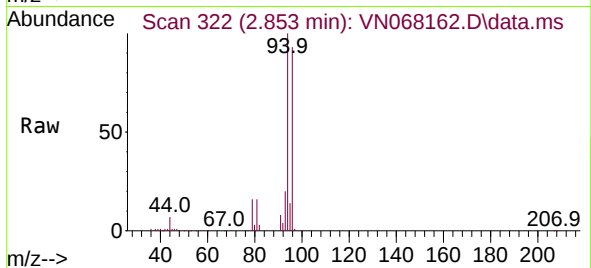
64 31.6 24.4 36.6



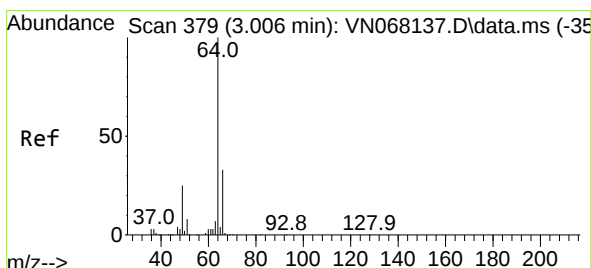
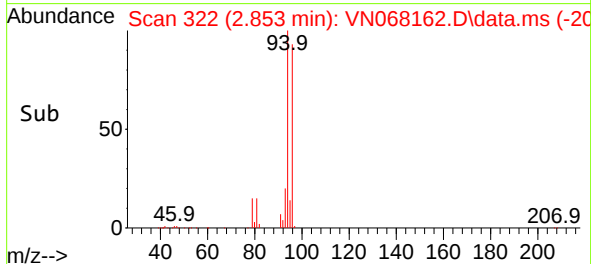
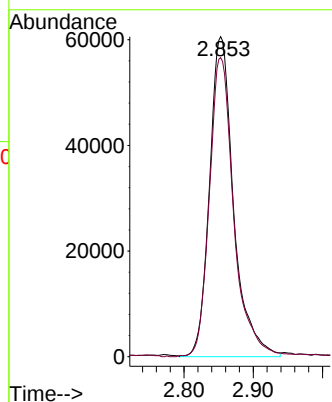


#5  
Bromomethane  
Concen: 21.556 ug/l  
RT: 2.853 min Scan# 322  
Delta R.T. 0.016 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Instrument :  
MSVOA\_N  
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VN0817WBSD02

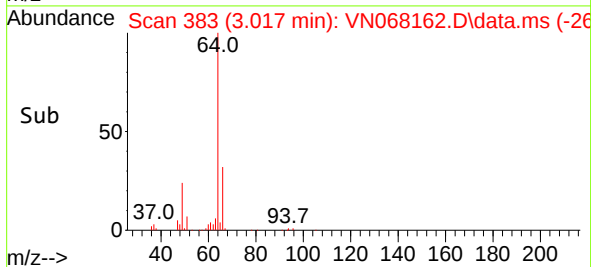
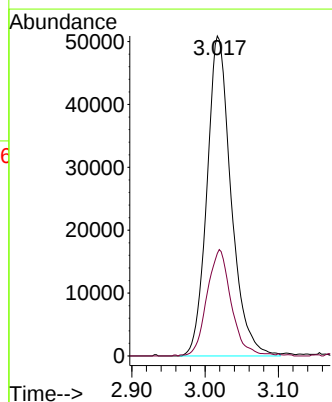
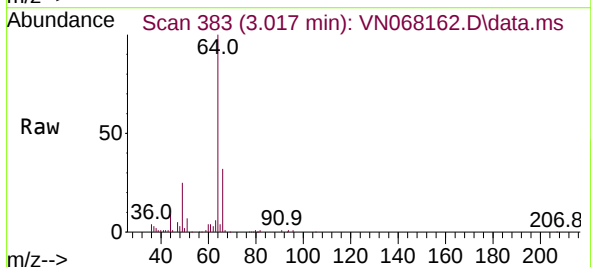


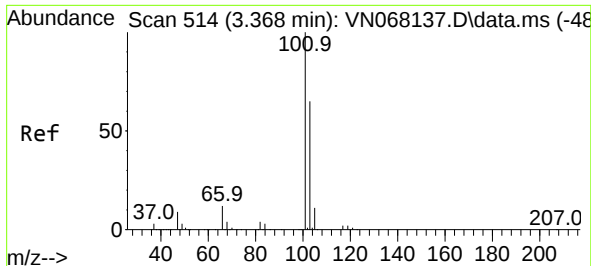
Tgt Ion: 94 Resp: 146439  
Ion Ratio Lower Upper  
94 100  
96 93.1 73.7 110.5



#6  
Chloroethane  
Concen: 21.919 ug/l  
RT: 3.017 min Scan# 383  
Delta R.T. 0.011 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 64 Resp: 116414  
Ion Ratio Lower Upper  
64 100  
66 31.8 24.7 37.1

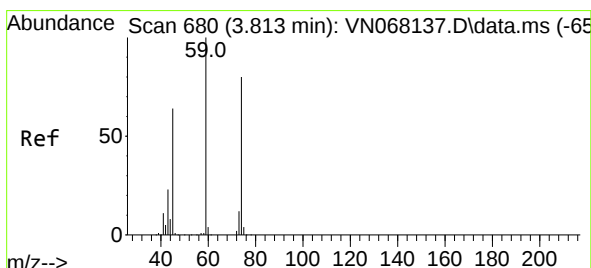
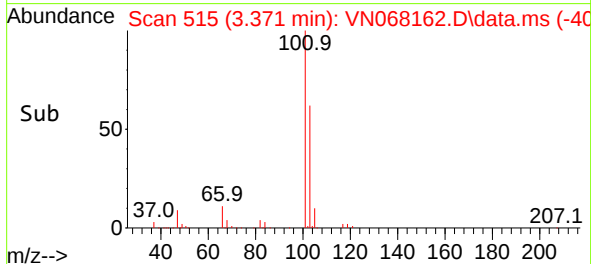
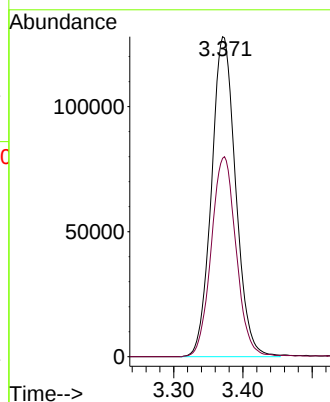
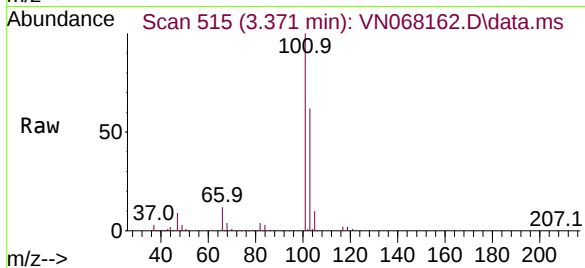




#7  
Trichlorofluoromethane  
Concen: 19.884 ug/l  
RT: 3.371 min Scan# 515  
Delta R.T. 0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

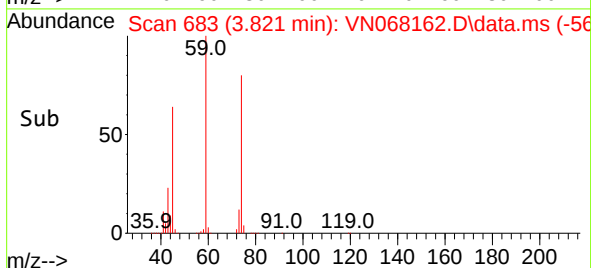
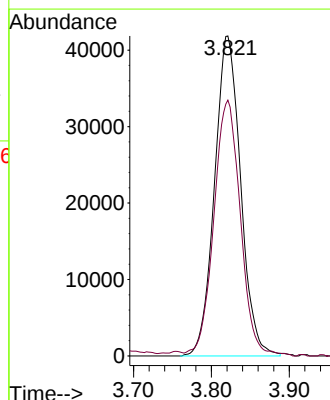
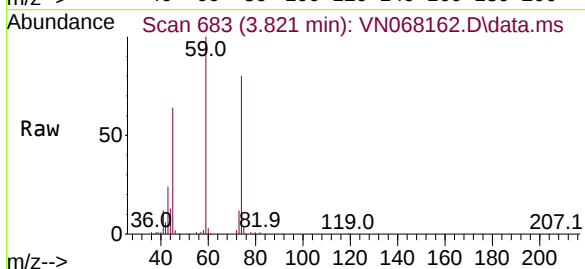
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

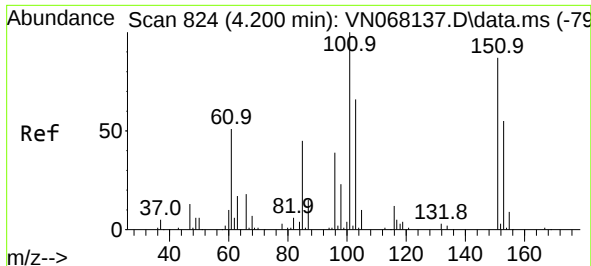
Tgt Ion:101 Resp: 311138  
Ion Ratio Lower Upper  
101 100  
103 62.0 51.2 76.8



#8  
Diethyl Ether  
Concen: 26.813 ug/l  
RT: 3.821 min Scan# 683  
Delta R.T. 0.008 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 74 Resp: 97320  
Ion Ratio Lower Upper  
74 100  
45 81.4 50.2 150.7

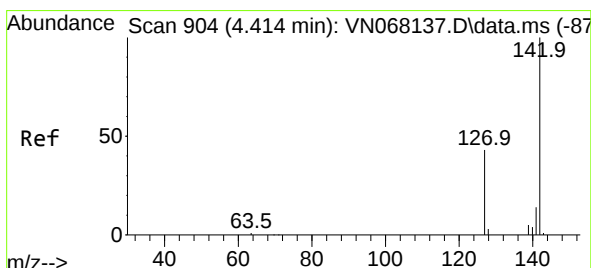
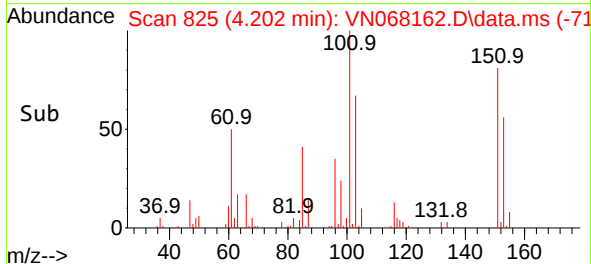
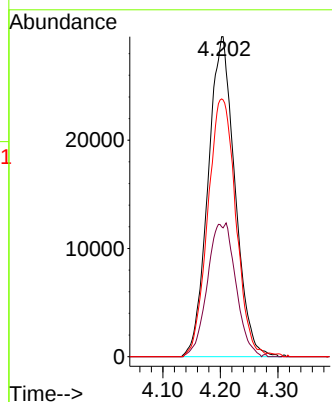
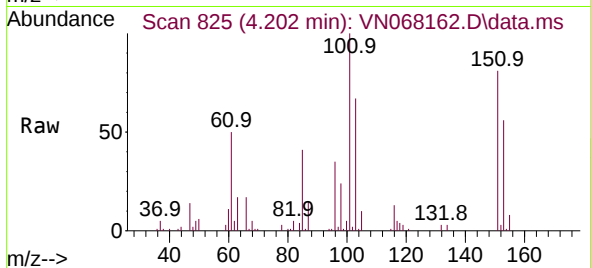




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.027 ug/l  
RT: 4.202 min Scan# 825  
Delta R.T. 0.002 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

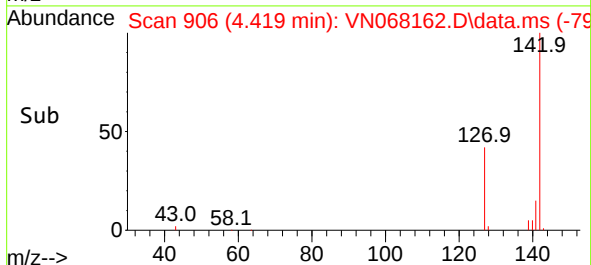
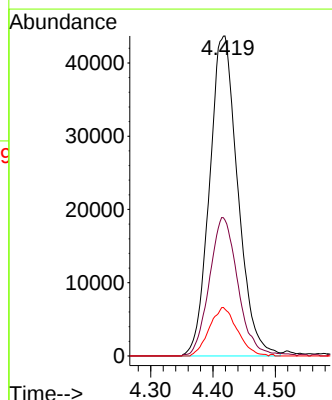
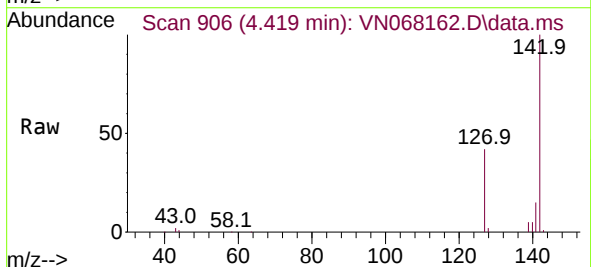
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

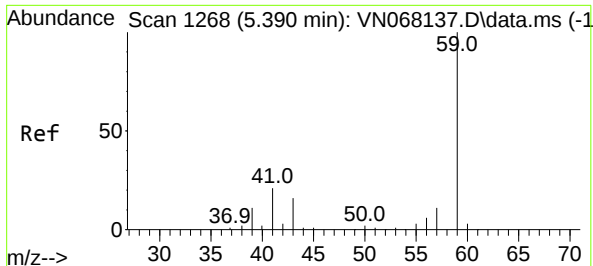
Tgt Ion:101 Resp: 95816  
Ion Ratio Lower Upper  
101 100  
85 25.0 39.6 59.4#  
151 84.0 54.1 81.1#



#10  
Methyl Iodide  
Concen: 20.275 ug/l  
RT: 4.419 min Scan# 906  
Delta R.T. 0.005 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion:142 Resp: 137932  
Ion Ratio Lower Upper  
142 100  
127 43.7 43.1 64.7  
141 15.0 11.4 17.0



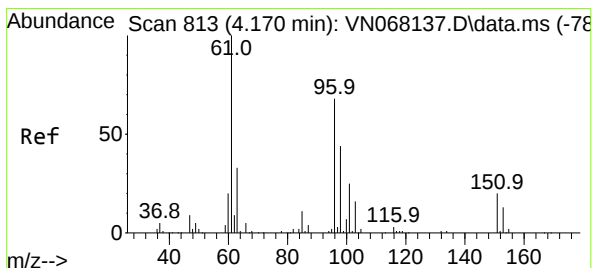
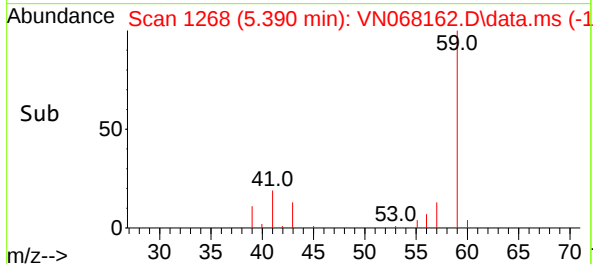
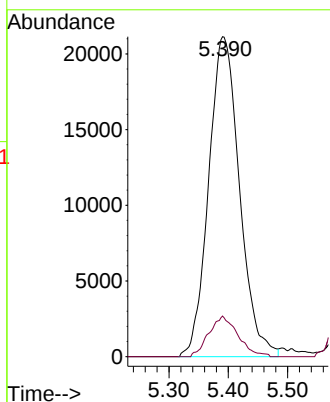
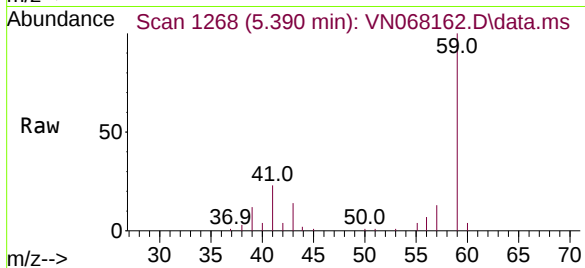


#11

Tert butyl alcohol  
Concen: 101.169 ug/l  
RT: 5.390 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

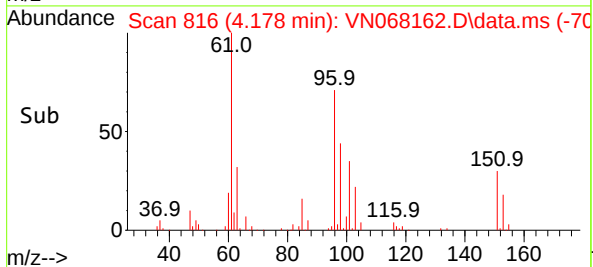
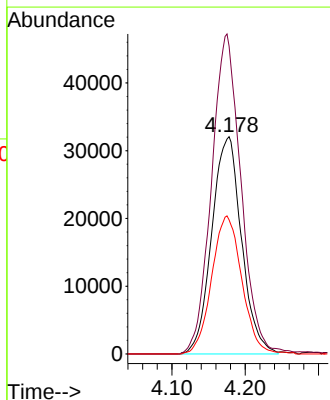
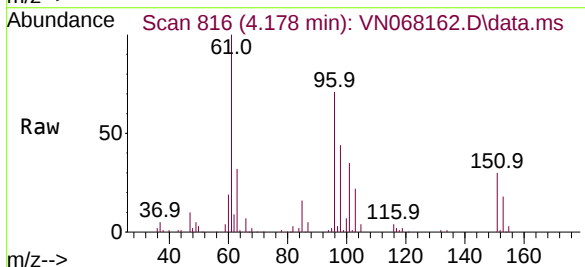
Tgt Ion: 59 Resp: 76439  
Ion Ratio Lower Upper  
59 100  
57 11.9 8.7 13.1

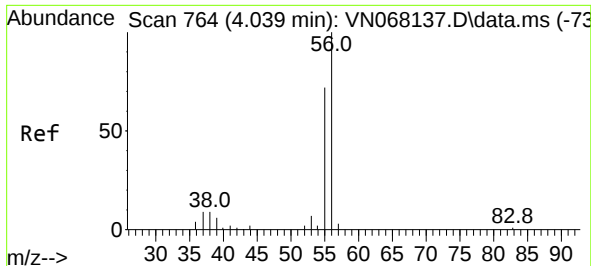


#12

1,1-Dichloroethene  
Concen: 19.663 ug/l  
RT: 4.178 min Scan# 816  
Delta R.T. 0.008 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 96 Resp: 90450  
Ion Ratio Lower Upper  
96 100  
61 141.6 152.6 229.0#  
98 61.7 50.9 76.3

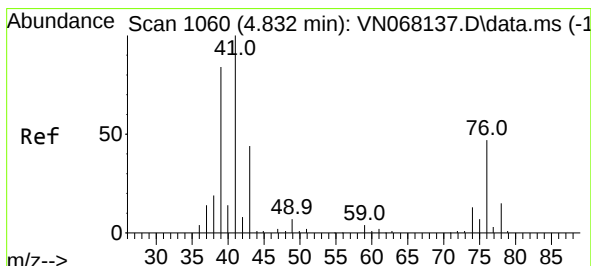
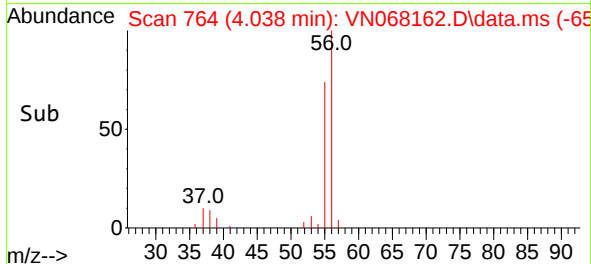
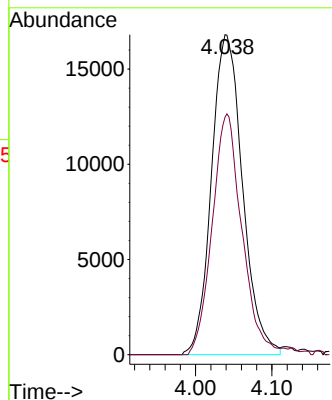
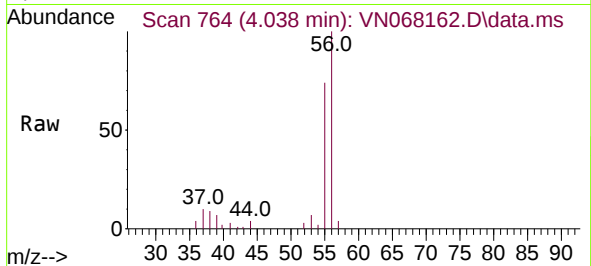




#13  
Acrolein  
Concen: 89.464 ug/l  
RT: 4.038 min Scan# 764  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

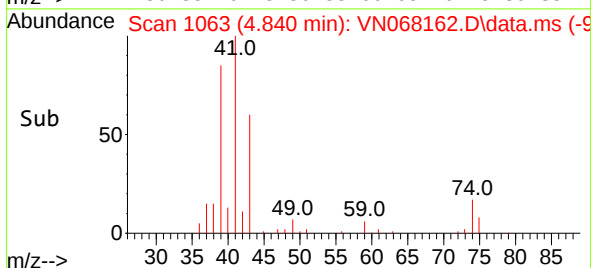
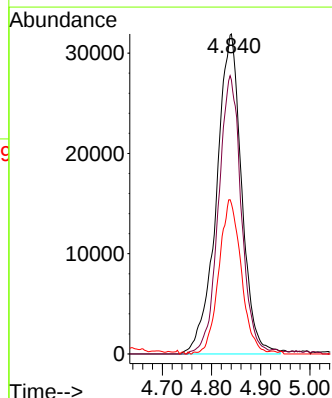
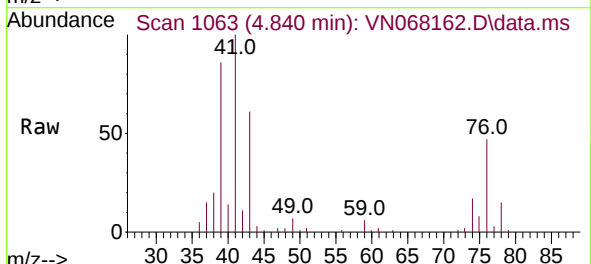
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

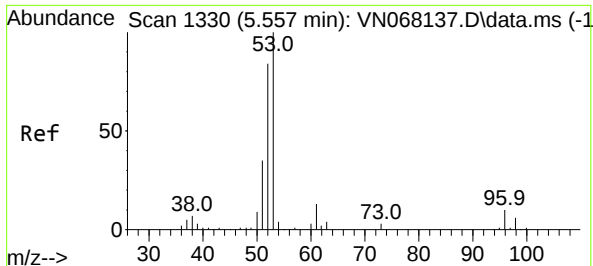
Tgt Ion: 56 Resp: 47560  
Ion Ratio Lower Upper  
56 100  
55 71.7 57.4 86.0



#14  
Allyl chloride  
Concen: 19.338 ug/l  
RT: 4.840 min Scan# 1063  
Delta R.T. 0.008 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 41 Resp: 113710  
Ion Ratio Lower Upper  
41 100  
39 78.4 60.9 91.3  
76 41.4 24.3 36.5#





#15

Acrylonitrile

Concen: 102.614 ug/l

RT: 5.562 min Scan# 1332

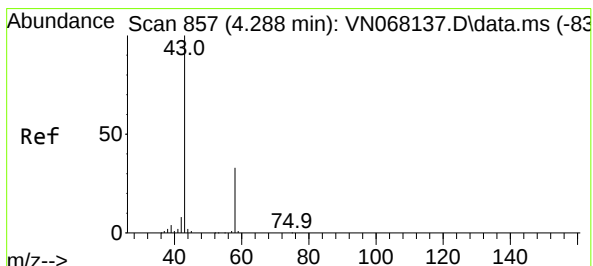
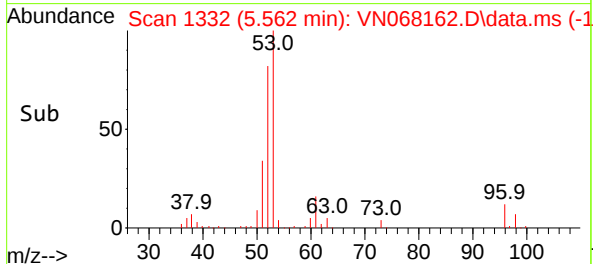
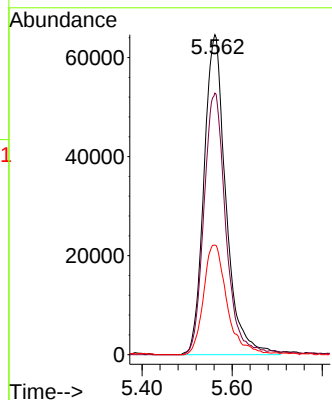
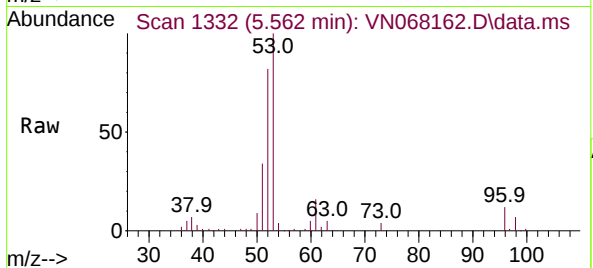
Delta R.T. 0.005 min

Lab File: VN068162.D

Acq: 18 Aug 2021 00:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 218434 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.4  | 66.2  | 99.2   |
| 51       | 36.6  | 30.2  | 45.4   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02



#16

Acetone

Concen: 97.115 ug/l

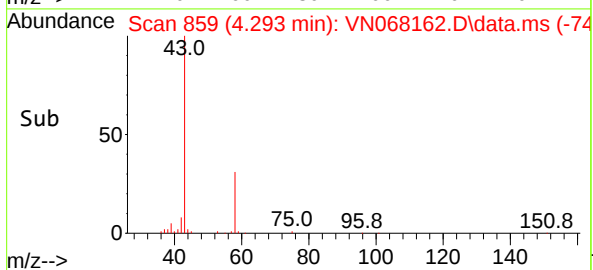
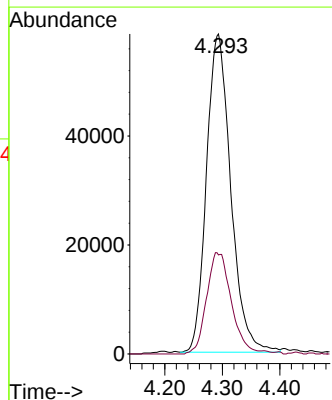
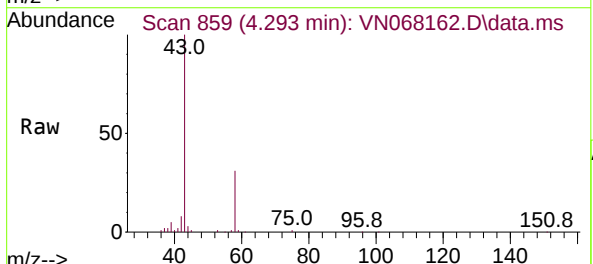
RT: 4.293 min Scan# 859

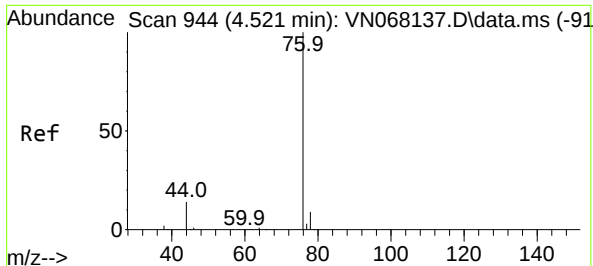
Delta R.T. 0.005 min

Lab File: VN068162.D

Acq: 18 Aug 2021 00:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 171791 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 31.1  | 21.2  | 31.8   |

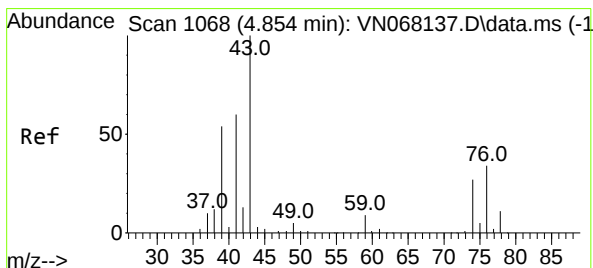
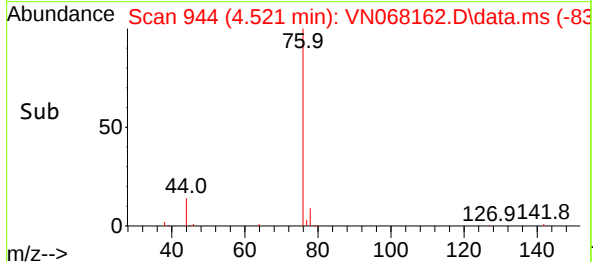
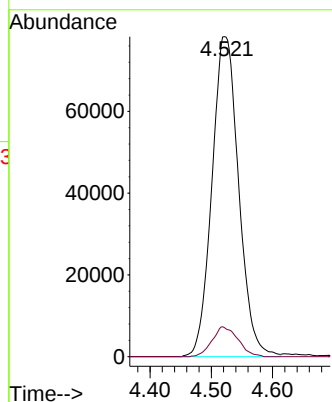
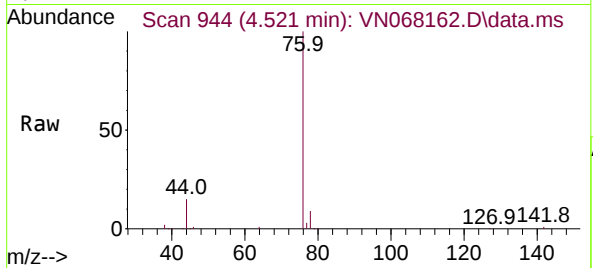




#17  
Carbon Disulfide  
Concen: 19.974 ug/l  
RT: 4.521 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

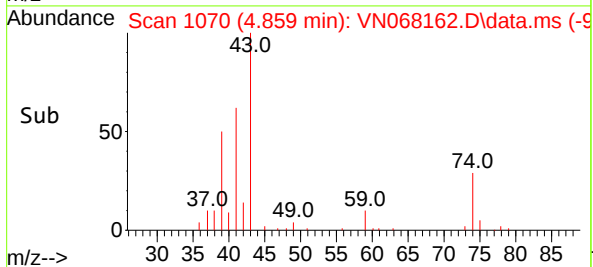
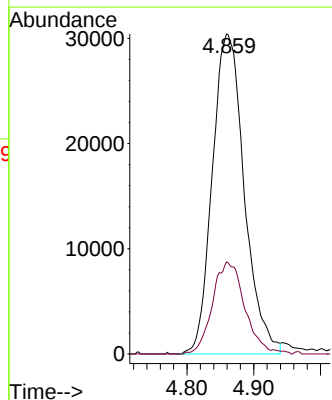
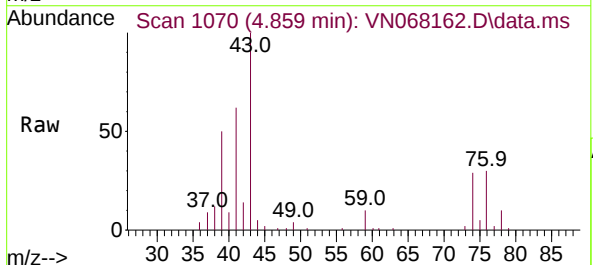
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

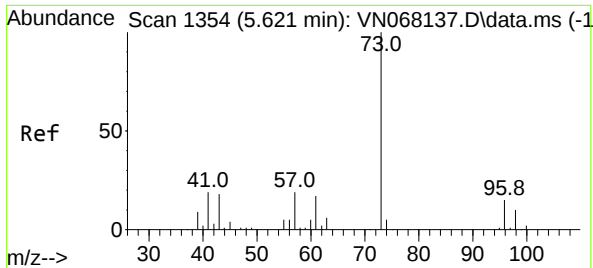
Tgt Ion: 76 Resp: 237532  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.7 11.5



#18  
Methyl Acetate  
Concen: 20.487 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.005 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 43 Resp: 101100  
Ion Ratio Lower Upper  
43 100  
74 28.6 17.4 26.0#

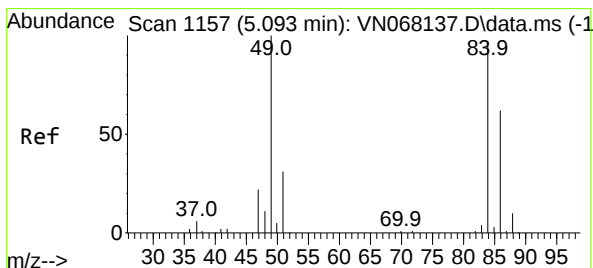
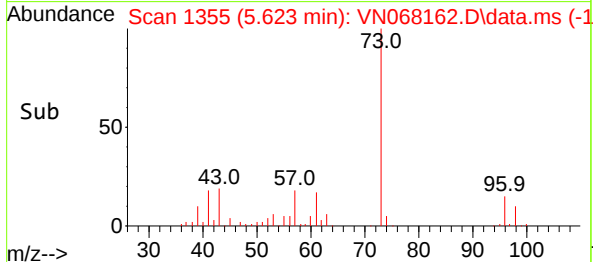
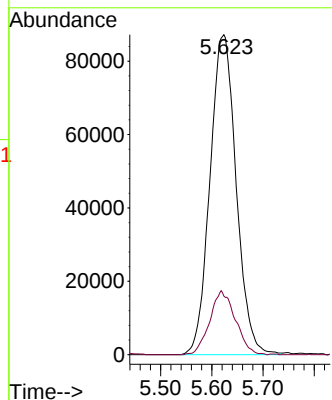
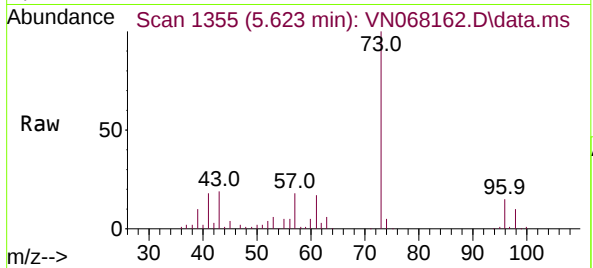




#19  
Methyl tert-butyl Ether  
Concen: 20.938 ug/l  
RT: 5.623 min Scan# 1355  
Delta R.T. 0.002 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

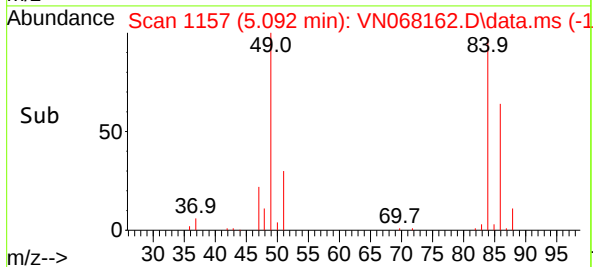
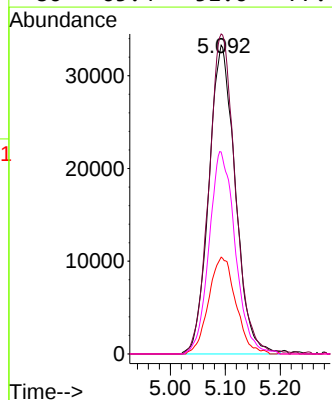
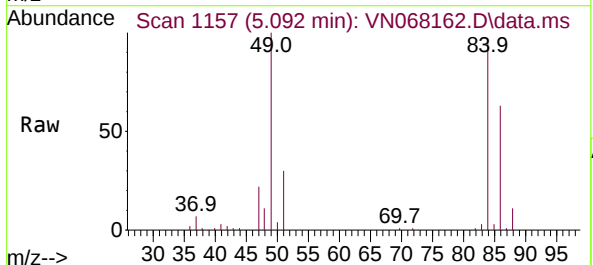
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

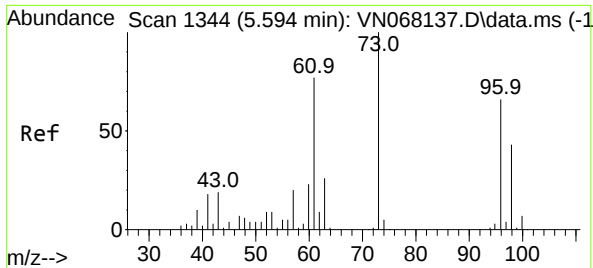
Tgt Ion: 73 Resp: 310530  
Ion Ratio Lower Upper  
73 100  
57 18.3 17.0 25.6



#20  
Methylene Chloride  
Concen: 21.534 ug/l  
RT: 5.092 min Scan# 1157  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 84 Resp: 111310  
Ion Ratio Lower Upper  
84 100  
49 103.6 110.9 166.3#  
51 31.4 32.6 49.0#  
86 65.4 51.6 77.4

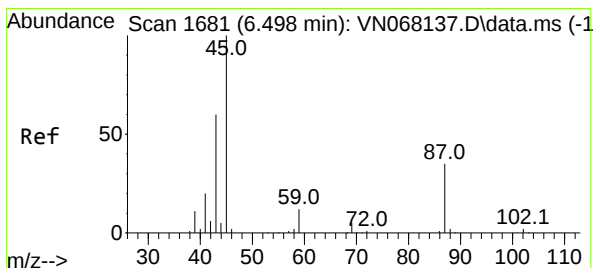
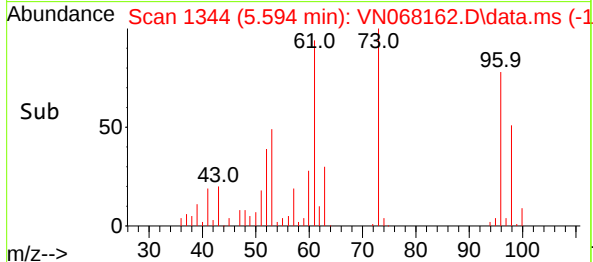
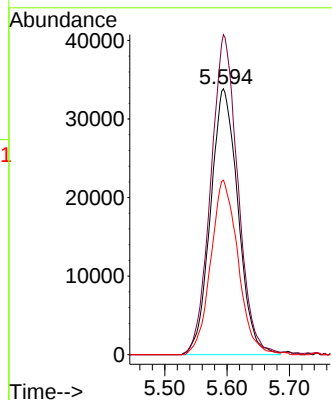
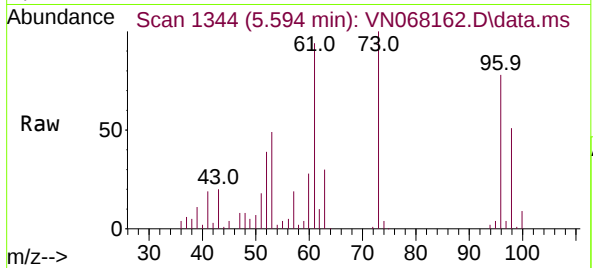




#21  
trans-1,2-Dichloroethene  
Concen: 20.168 ug/l  
RT: 5.594 min Scan# 1344  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

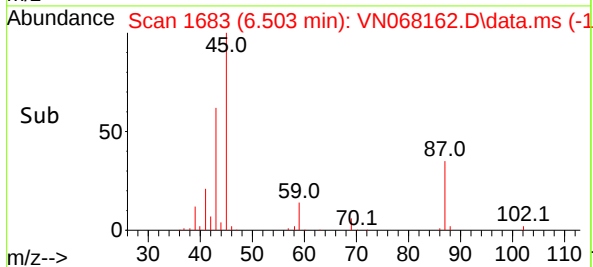
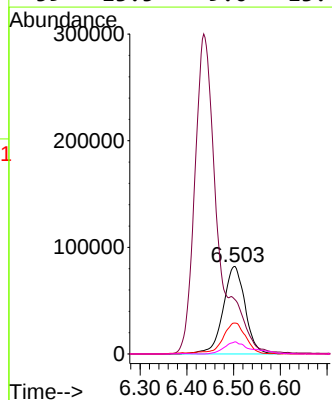
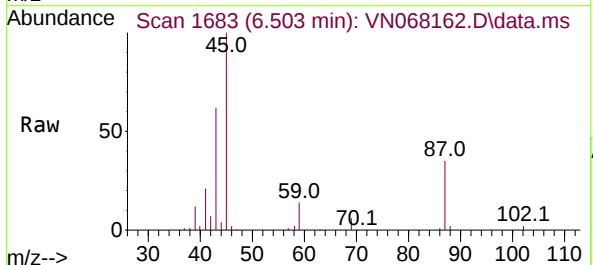
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

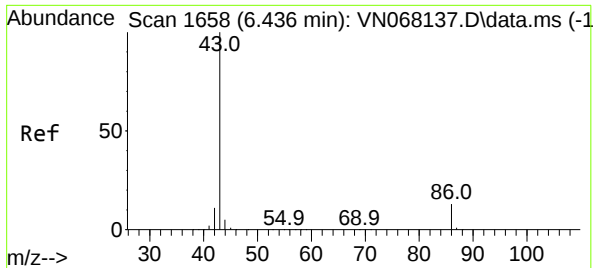
Tgt Ion: 96 Resp: 103866  
Ion Ratio Lower Upper  
96 100  
61 120.3 123.5 185.3#  
98 65.6 48.6 72.8



#22  
Diisopropyl ether  
Concen: 20.927 ug/l  
RT: 6.503 min Scan# 1683  
Delta R.T. 0.005 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 45 Resp: 268811  
Ion Ratio Lower Upper  
45 100  
43 59.9 49.4 74.2  
87 35.3 20.9 31.3#  
59 13.5 9.0 13.4#

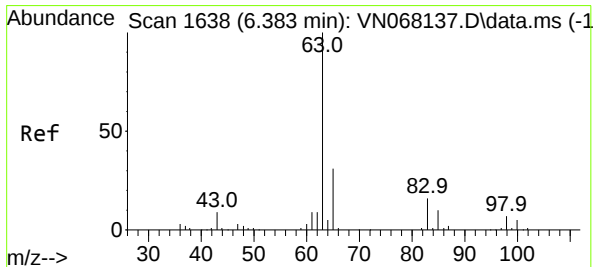
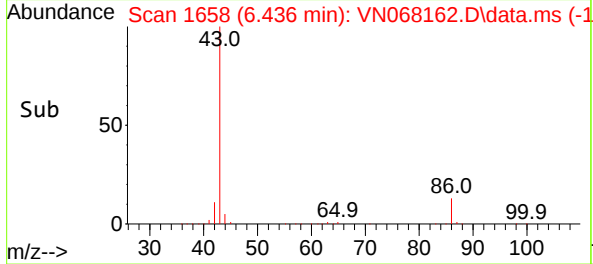
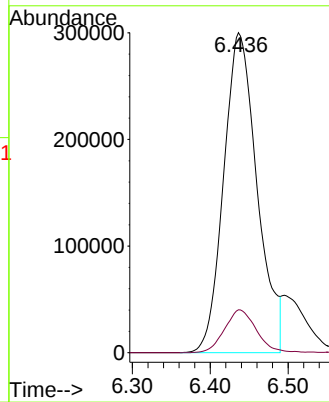
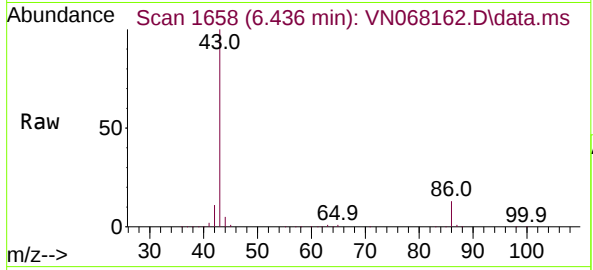




#23  
 Vinyl Acetate  
 Concen: 89.650 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: VN068162.D  
 Acq: 18 Aug 2021 00:14

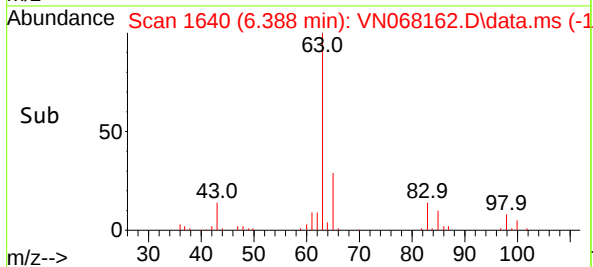
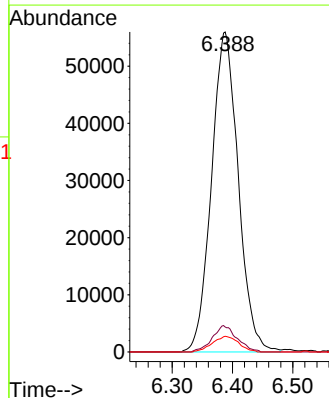
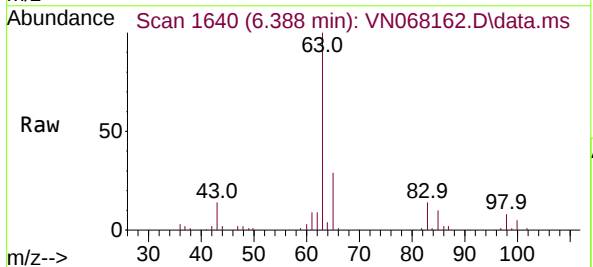
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD02

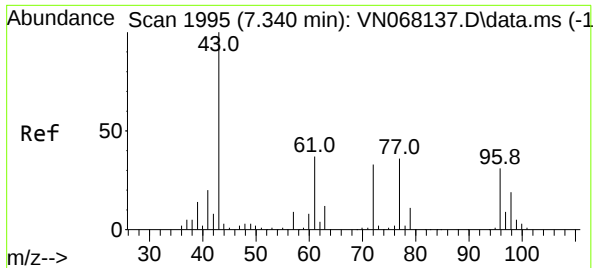
Tgt Ion: 43 Resp: 896377  
 Ion Ratio Lower Upper  
 43 100  
 86 13.4 7.3 10.9#



#24  
 1,1-Dichloroethane  
 Concen: 20.133 ug/l  
 RT: 6.388 min Scan# 1640  
 Delta R.T. 0.005 min  
 Lab File: VN068162.D  
 Acq: 18 Aug 2021 00:14

Tgt Ion: 63 Resp: 172786  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.0 9.0  
 100 4.9 1.9 5.7





#25

2-Butanone

Concen: 98.183 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. 0.003 min

Lab File: VN068162.D

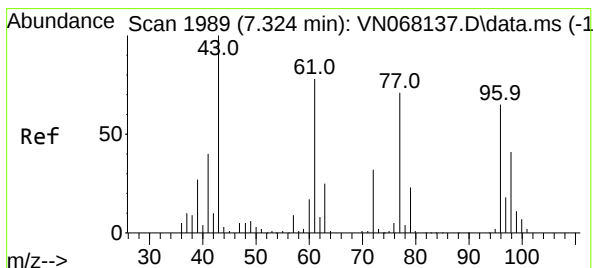
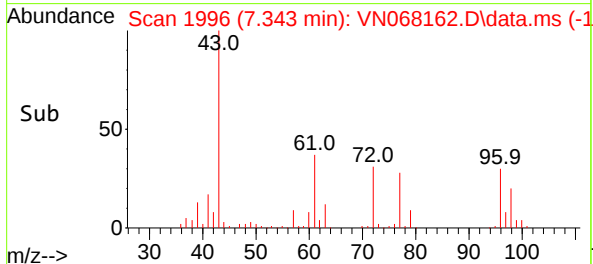
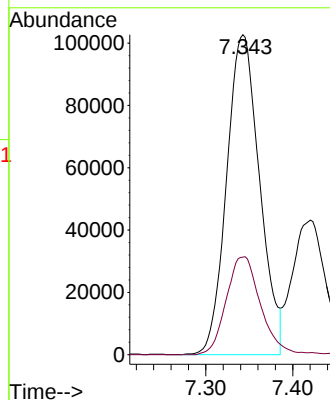
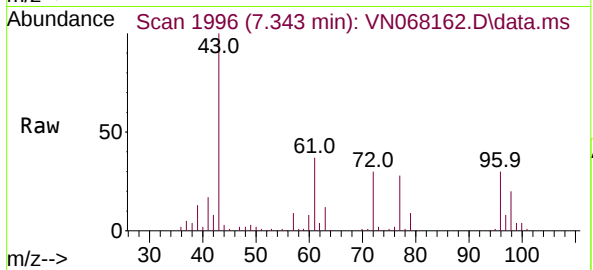
Acq: 18 Aug 2021 00:14

Tgt Ion: 43 Resp: 270670

Ion Ratio Lower Upper

43 100

72 30.5 19.7 29.5#



#26

2,2-Dichloropropane

Concen: 16.601 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN068162.D

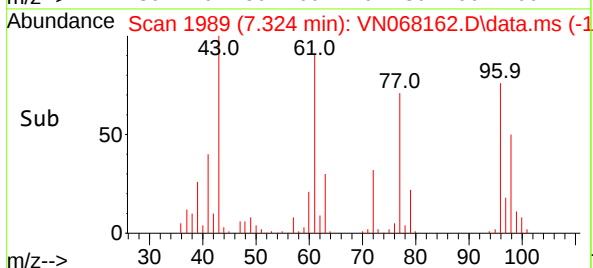
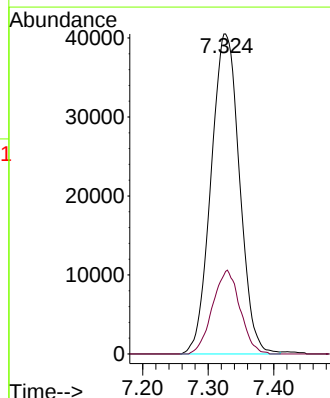
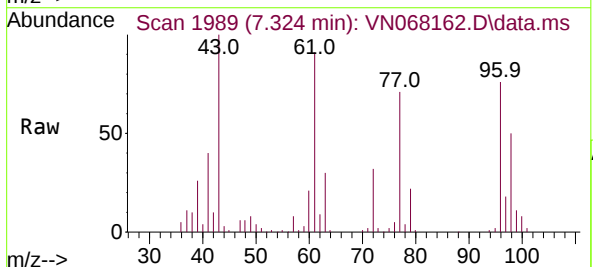
Acq: 18 Aug 2021 00:14

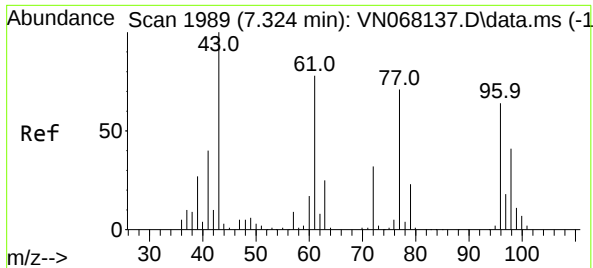
Tgt Ion: 77 Resp: 122074

Ion Ratio Lower Upper

77 100

97 25.3 9.8 29.3



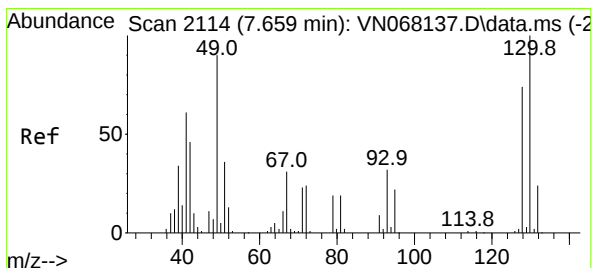
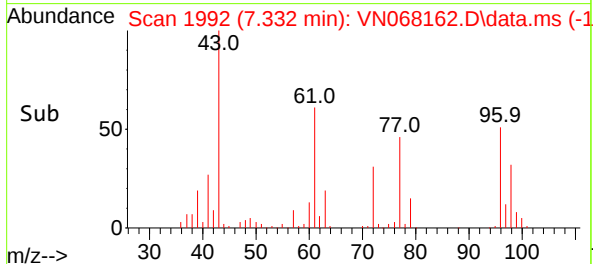
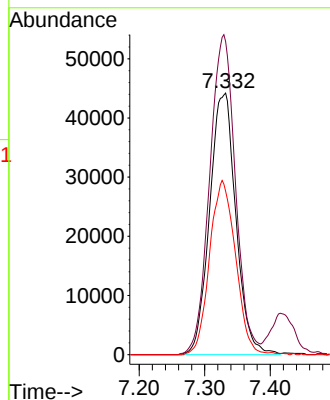
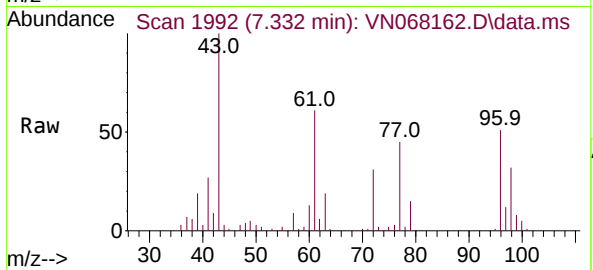


#27

cis-1,2-Dichloroethene  
Concen: 19.961 ug/l  
RT: 7.332 min Scan# 1992  
Delta R.T. 0.008 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

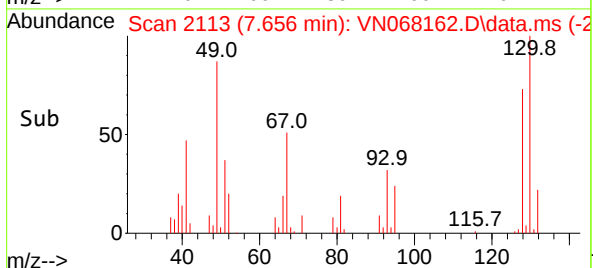
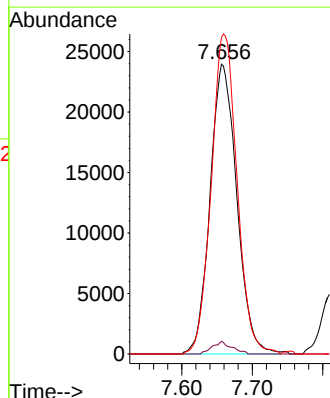
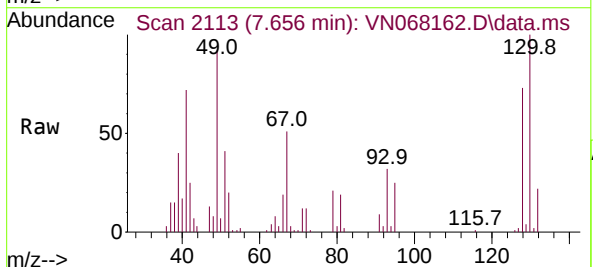
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 123087 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 120.0 | 0.0   | 338.8  |
| 98       | 65.6  | 0.0   | 129.8  |

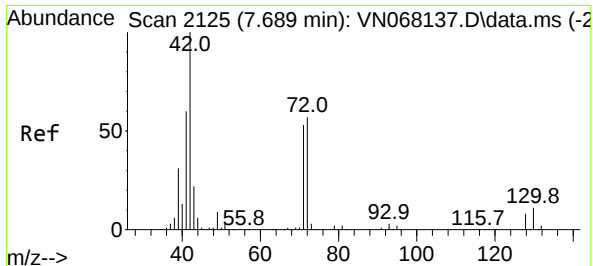


#28

Bromochloromethane  
Concen: 16.709 ug/l  
RT: 7.656 min Scan# 2113  
Delta R.T. -0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 63057 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 3.1   | 0.0   | 3.8   |
| 130      | 106.8 | 49.7  | 74.5# |





#29

Tetrahydrofuran

Concen: 104.007 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. -0.000 min

Lab File: VN068162.D

Acq: 18 Aug 2021 00:14

Tgt Ion: 42 Resp: 183369

Ion Ratio Lower Upper

42 100

72 52.7 32.8 49.2#

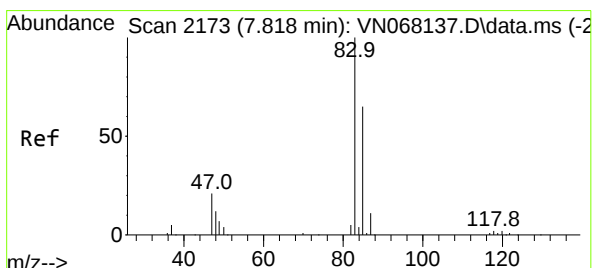
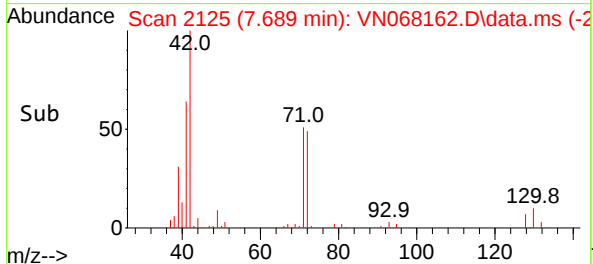
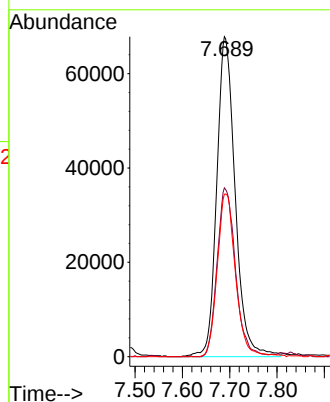
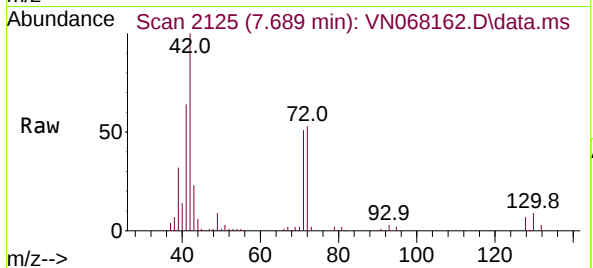
71 50.2 31.2 46.8#

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD02



#30

Chloroform

Concen: 19.905 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.002 min

Lab File: VN068162.D

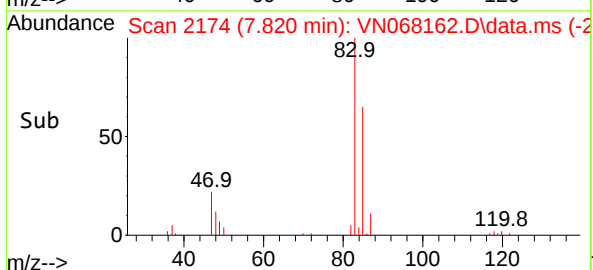
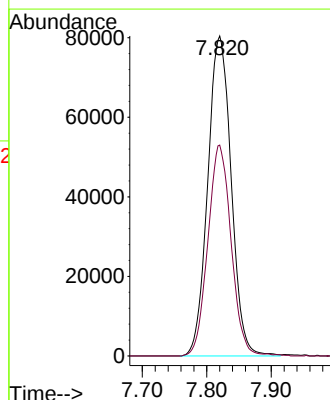
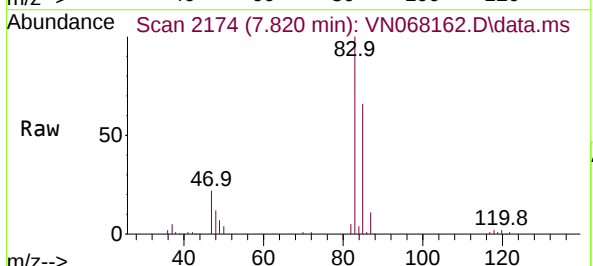
Acq: 18 Aug 2021 00:14

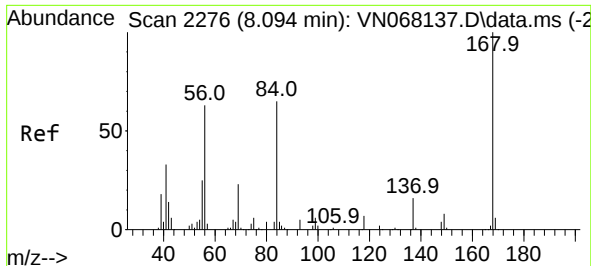
Tgt Ion: 83 Resp: 203503

Ion Ratio Lower Upper

83 100

85 65.9 51.5 77.3

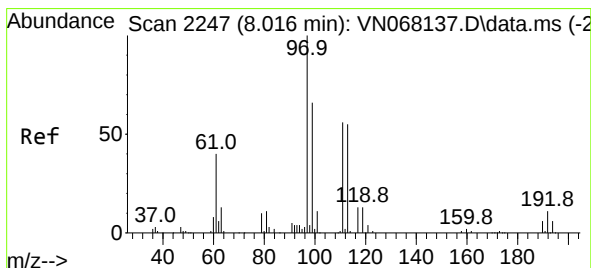
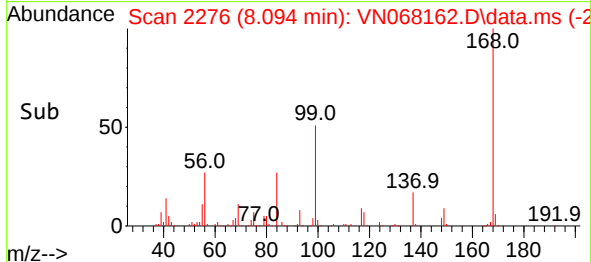
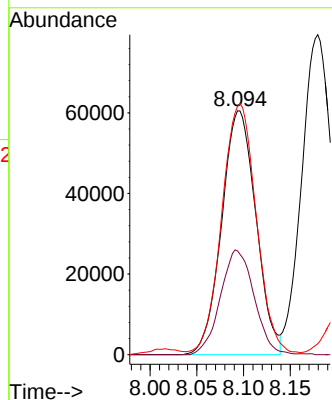
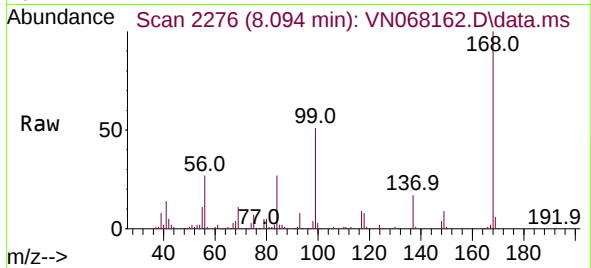




#31  
Cyclohexane  
Concen: 19.379 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

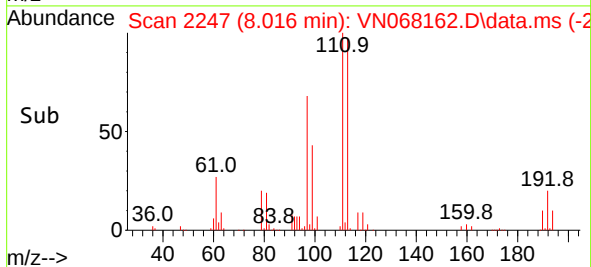
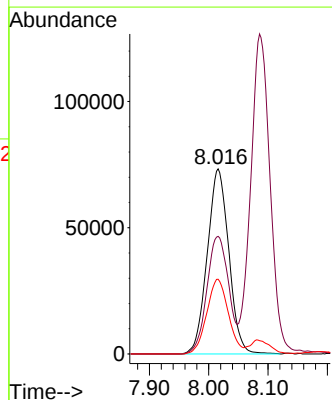
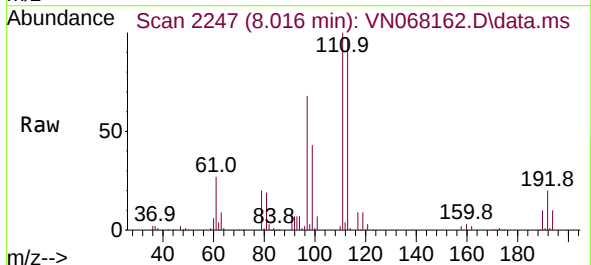
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

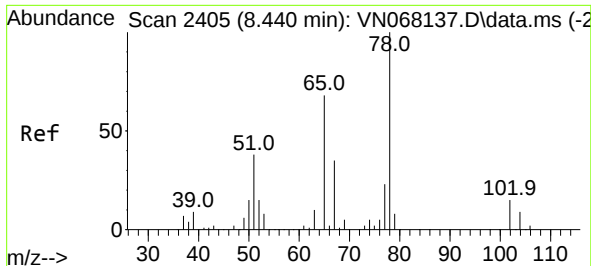
Tgt Ion: 56 Resp: 154649  
Ion Ratio Lower Upper  
56 100  
69 42.6 27.3 40.9#  
84 100.3 64.9 97.3#



#32  
1,1,1-Trichloroethane  
Concen: 20.294 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 97 Resp: 185023  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.2 75.2  
61 40.4 38.2 57.2

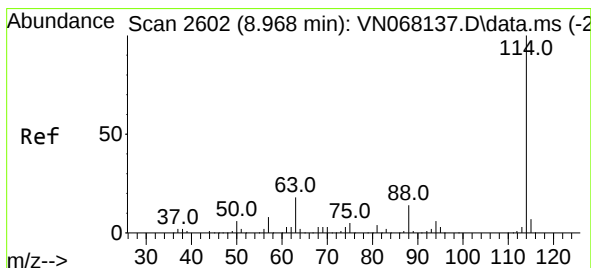
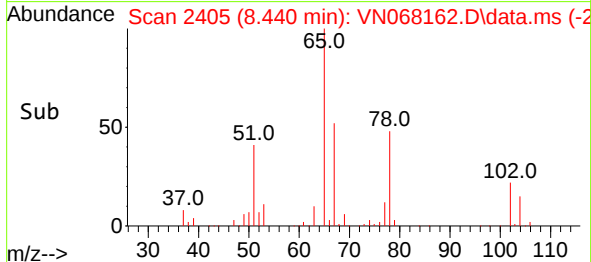
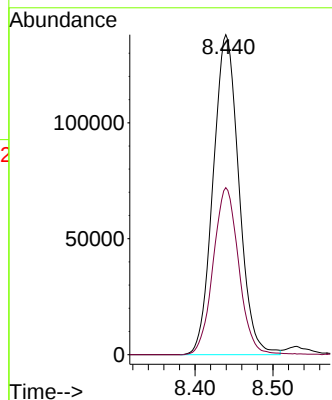
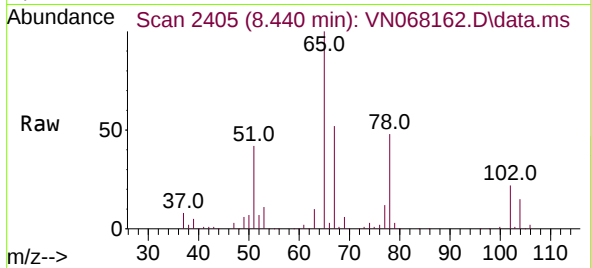




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.267 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: VN068162.D  
 Acq: 18 Aug 2021 00:14

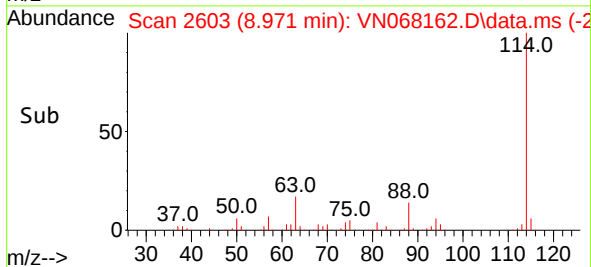
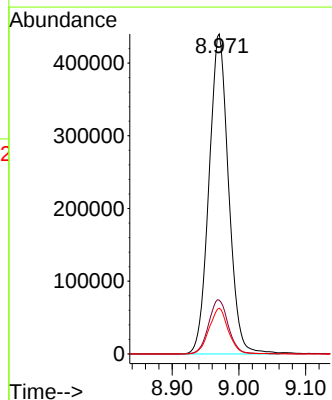
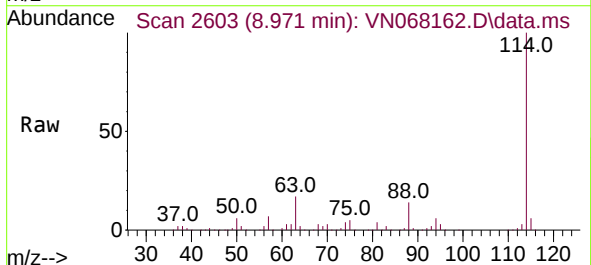
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD02

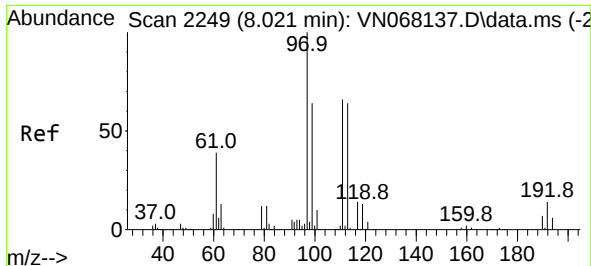
Tgt Ion: 65 Resp: 316668  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 98.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.971 min Scan# 2603  
 Delta R.T. 0.003 min  
 Lab File: VN068162.D  
 Acq: 18 Aug 2021 00:14

Tgt Ion: 114 Resp: 894907  
 Ion Ratio Lower Upper  
 114 100  
 63 16.8 0.0 49.0  
 88 14.3 0.0 36.6

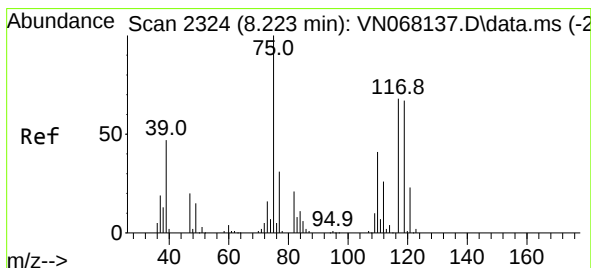
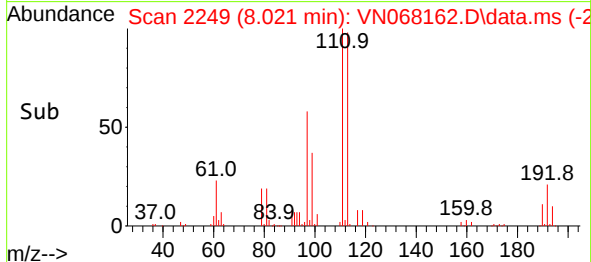
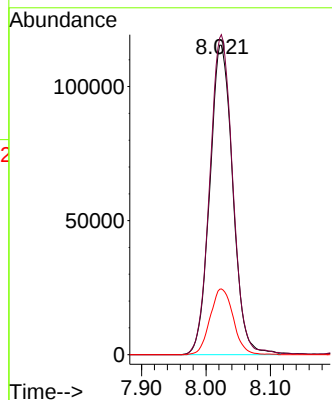
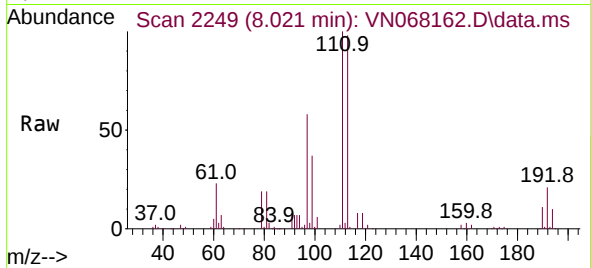




#35  
Dibromofluoromethane  
Concen: 50.968 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

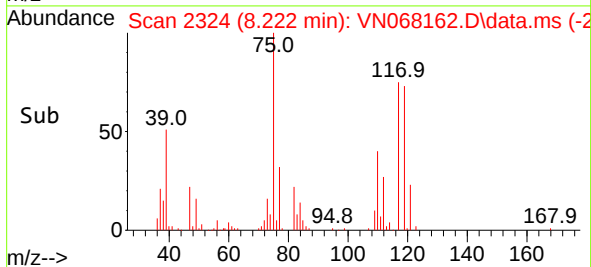
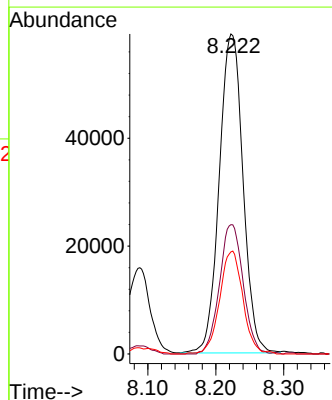
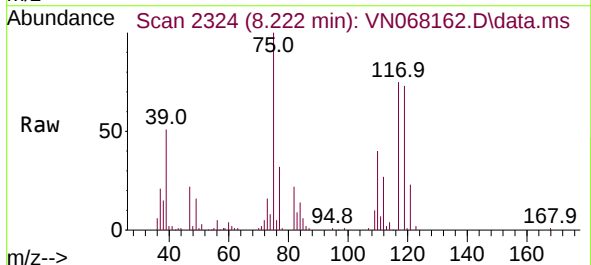
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

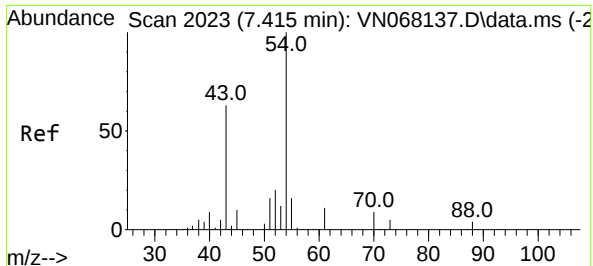
Tgt Ion:113 Resp: 286360  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.8 125.8  
192 21.4 13.4 20.0#



#36  
1,1-Dichloropropene  
Concen: 19.623 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 75 Resp: 143552  
Ion Ratio Lower Upper  
75 100  
110 40.6 15.7 47.0  
77 30.4 24.6 37.0

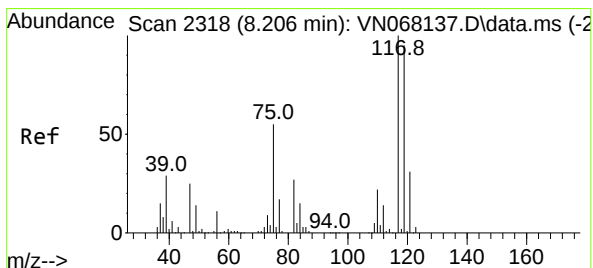
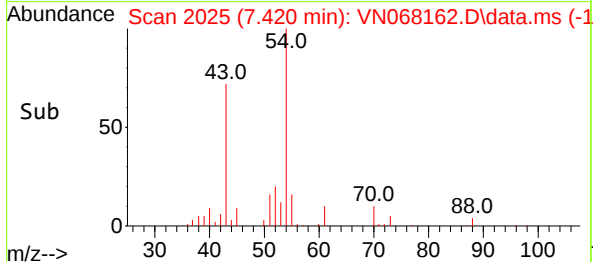
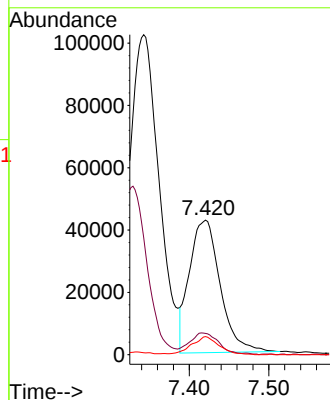
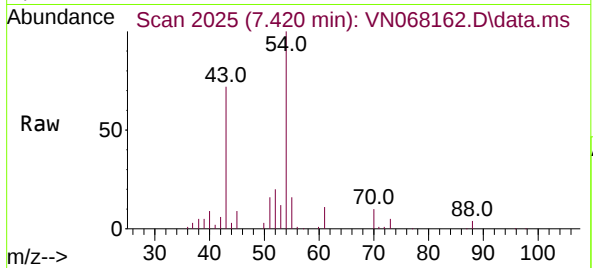




#37  
Ethyl Acetate  
Concen: 18.346 ug/l  
RT: 7.420 min Scan# 2025  
Delta R.T. 0.005 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

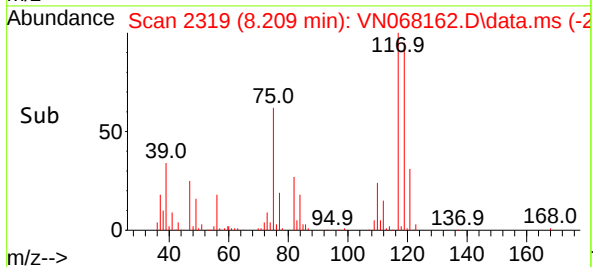
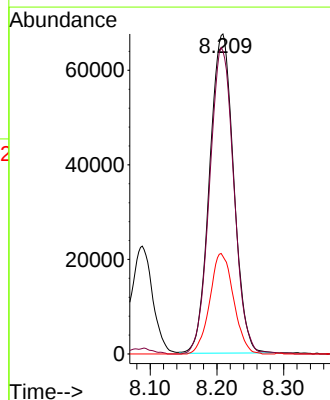
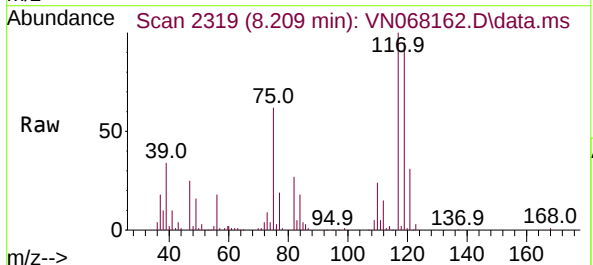
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

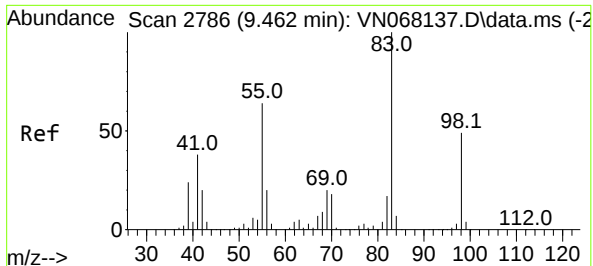
Tgt Ion: 43 Resp: 114338  
Ion Ratio Lower Upper  
43 100  
61 14.2 10.6 16.0  
70 12.1 8.1 12.1#



#38  
Carbon Tetrachloride  
Concen: 20.067 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. 0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 117 Resp: 169318  
Ion Ratio Lower Upper  
117 100  
119 95.0 75.4 113.2  
121 30.6 23.5 35.3





#39

Methylcyclohexane

Concen: 19.165 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.001 min

Lab File: VN068162.D

Acq: 18 Aug 2021 00:14

Tgt Ion: 83 Resp: 158348

Ion Ratio Lower Upper

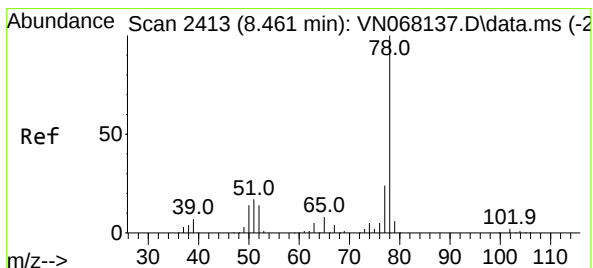
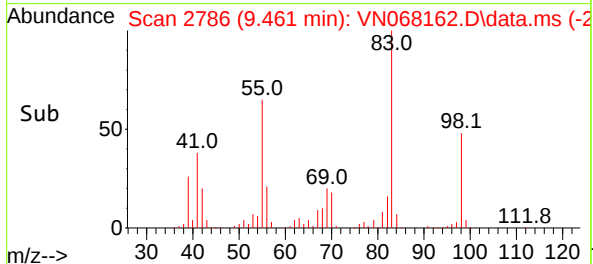
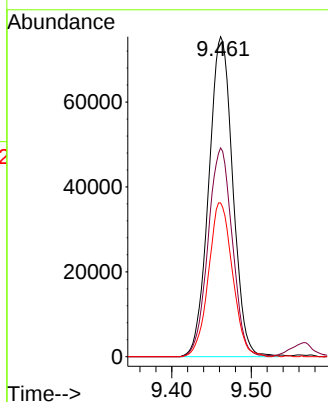
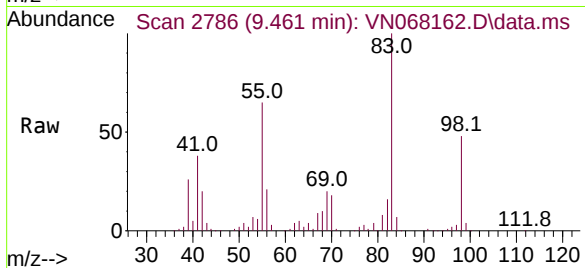
|    |      |      |       |
|----|------|------|-------|
| 83 | 100  |      |       |
| 55 | 65.2 | 66.6 | 99.8# |
| 98 | 48.0 | 35.3 | 52.9  |

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD02



#40

Benzene

Concen: 19.996 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. -0.000 min

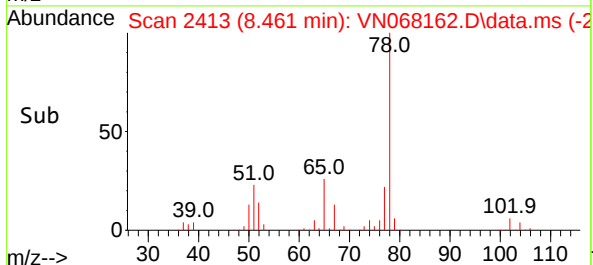
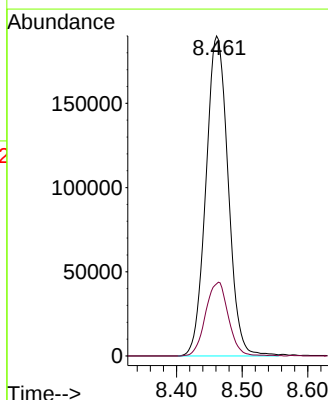
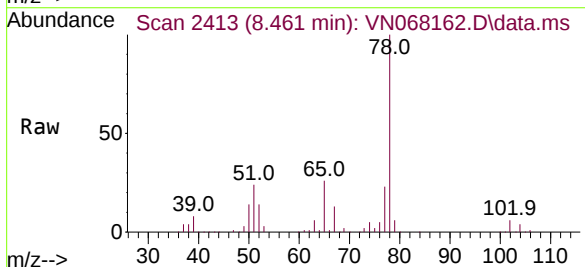
Lab File: VN068162.D

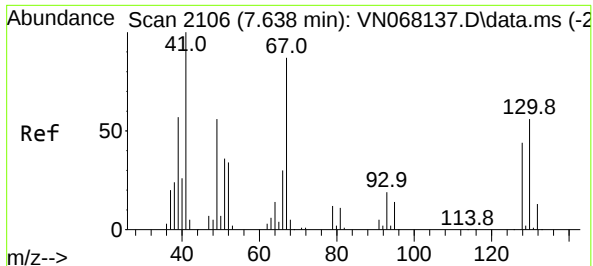
Acq: 18 Aug 2021 00:14

Tgt Ion: 78 Resp: 446465

Ion Ratio Lower Upper

|    |      |      |      |
|----|------|------|------|
| 78 | 100  |      |      |
| 77 | 22.5 | 18.9 | 28.3 |

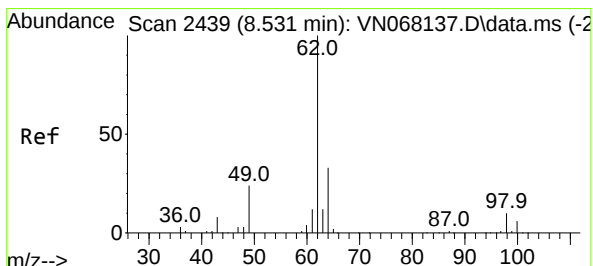
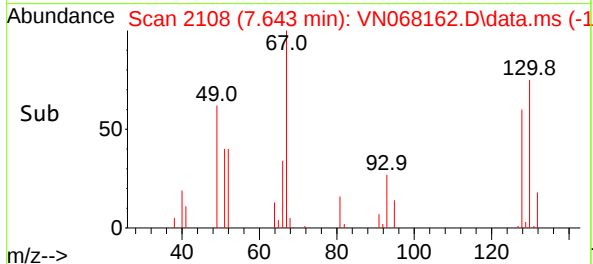
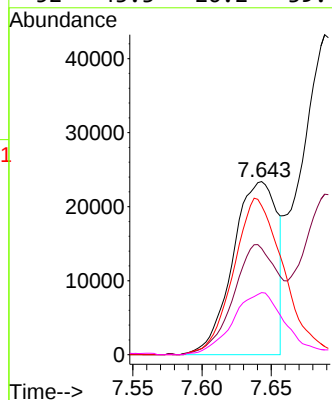
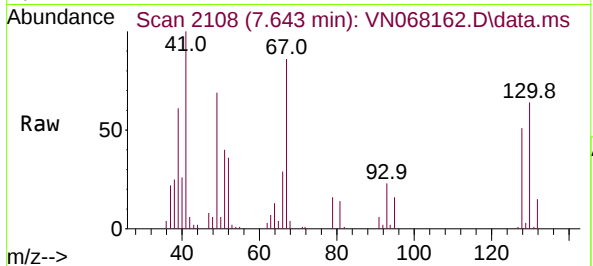




#41  
Methacrylonitrile  
Concen: 18.235 ug/l  
RT: 7.643 min Scan# 2108  
Delta R.T. 0.005 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

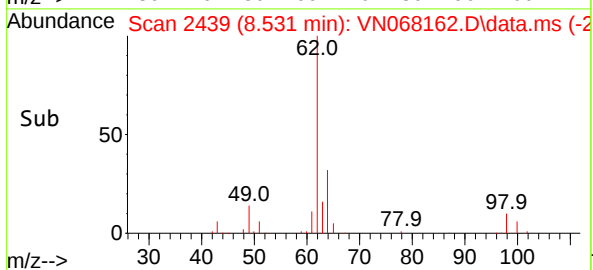
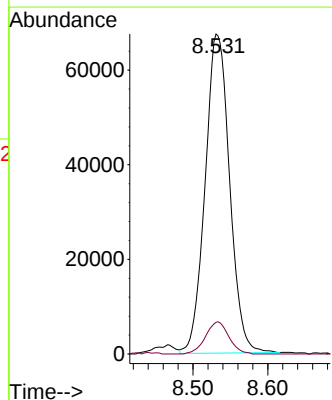
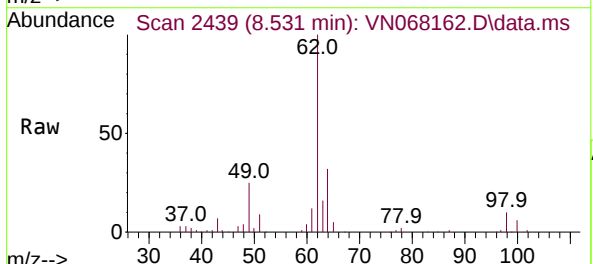
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

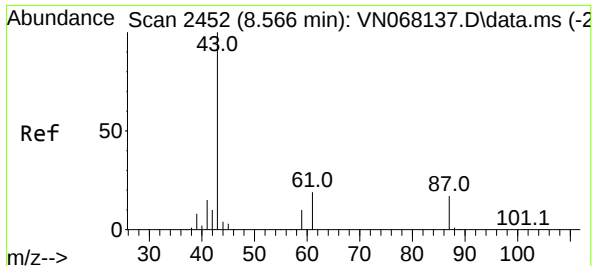
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 51885 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 66.8  | 47.6  | 71.4  |
| 67       | 102.8 | 57.7  | 86.5# |
| 52       | 43.3  | 26.2  | 39.4# |



#42  
1,2-Dichloroethane  
Concen: 20.180 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 153480 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.6   | 0.0   | 14.2   |

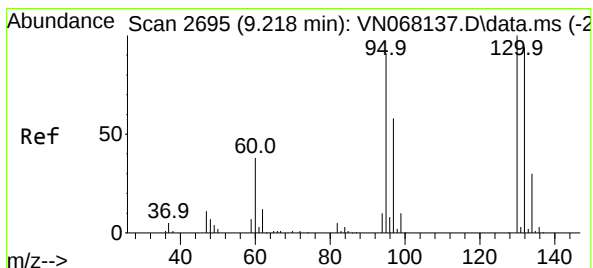
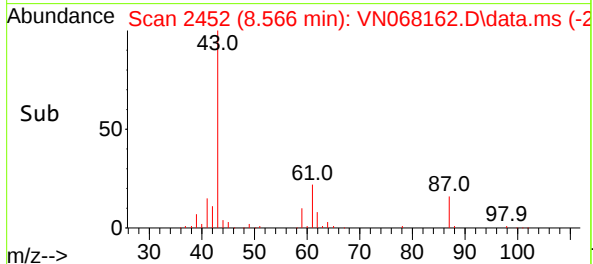
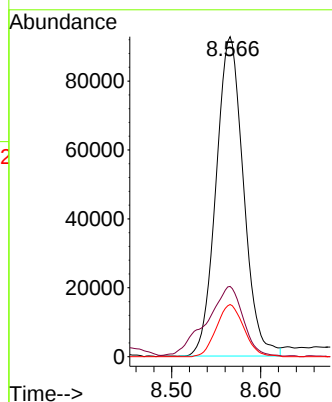
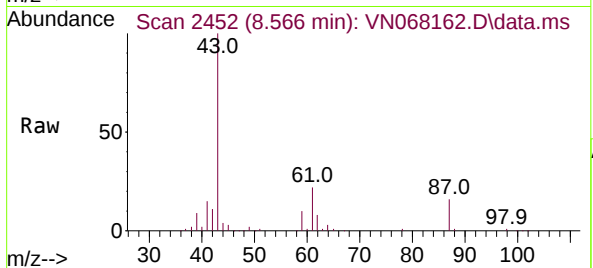




#43  
Isopropyl Acetate  
Concen: 19.875 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

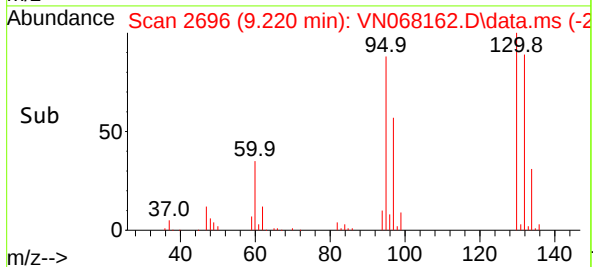
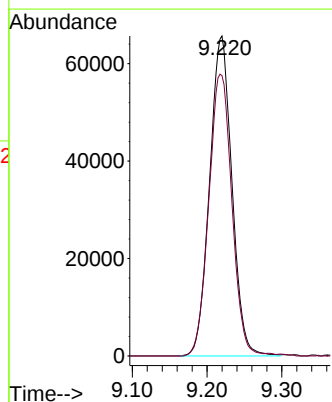
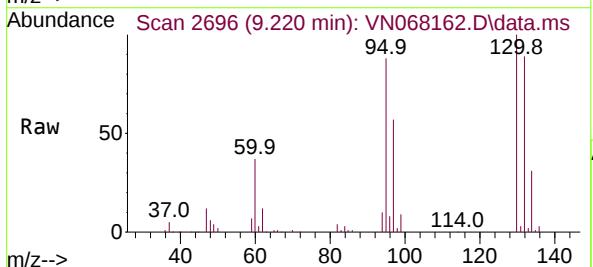
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

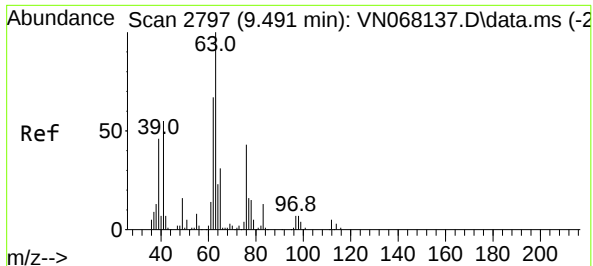
Tgt Ion: 43 Resp: 198414  
Ion Ratio Lower Upper  
43 100  
61 29.1 19.0 28.4#  
87 16.4 9.5 14.3#



#44  
Trichloroethene  
Concen: 20.309 ug/l  
RT: 9.220 min Scan# 2696  
Delta R.T. 0.002 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion:130 Resp: 136364  
Ion Ratio Lower Upper  
130 100  
95 87.6 0.0 234.4

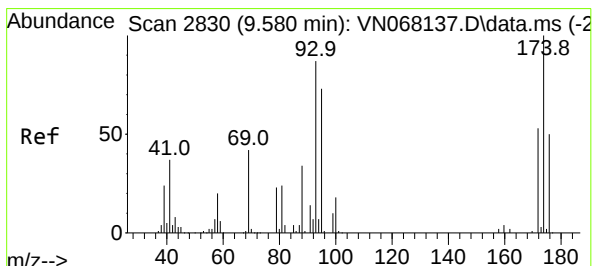
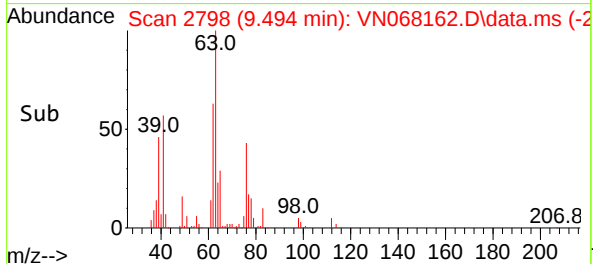
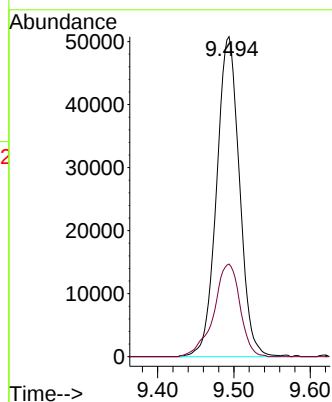
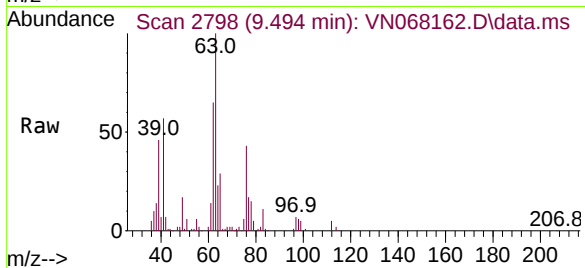




#45  
1,2-Dichloropropane  
Concen: 20.118 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. 0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

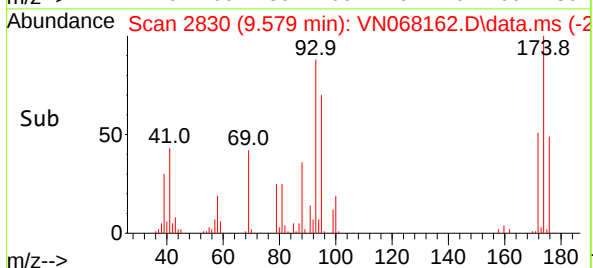
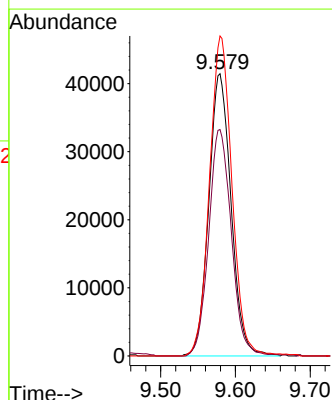
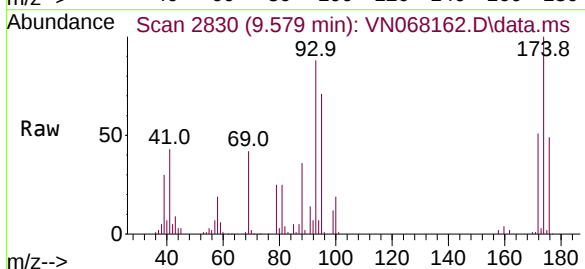
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

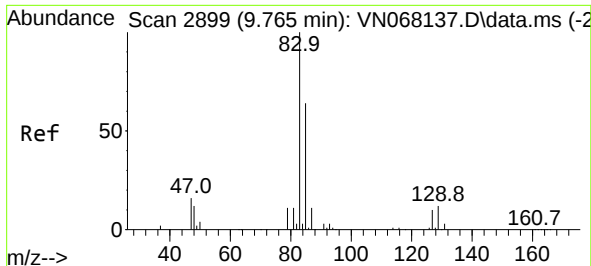
Tgt Ion: 63 Resp: 105659  
Ion Ratio Lower Upper  
63 100  
65 29.0 24.3 36.5



#46  
Dibromomethane  
Concen: 20.045 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 93 Resp: 85876  
Ion Ratio Lower Upper  
93 100  
95 81.2 66.1 99.1  
174 113.9 61.0 91.4#

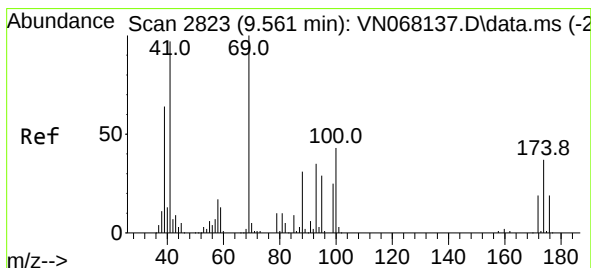
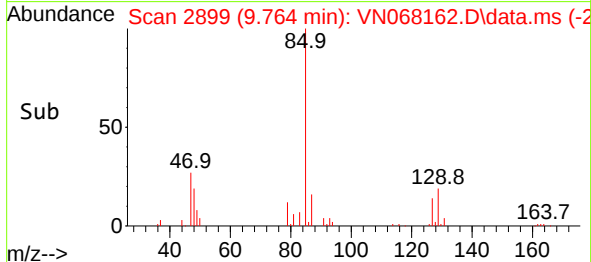
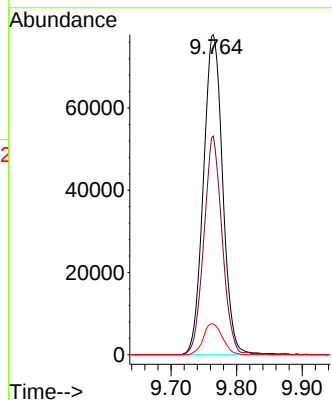
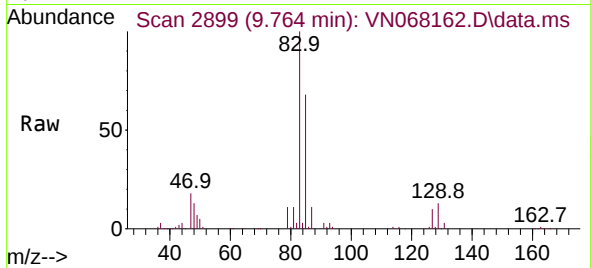




#47  
Bromodichloromethane  
Concen: 19.944 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

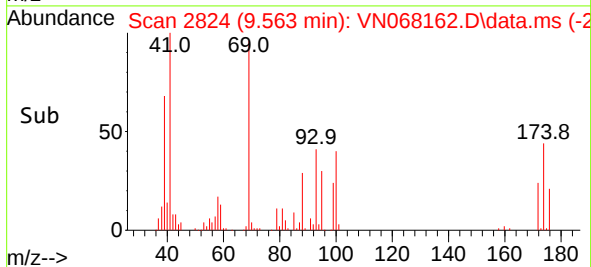
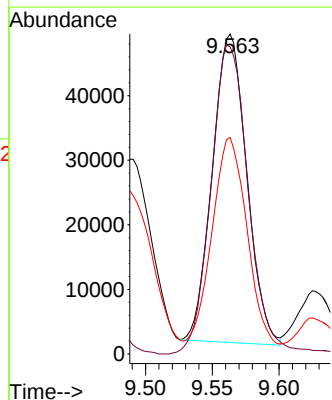
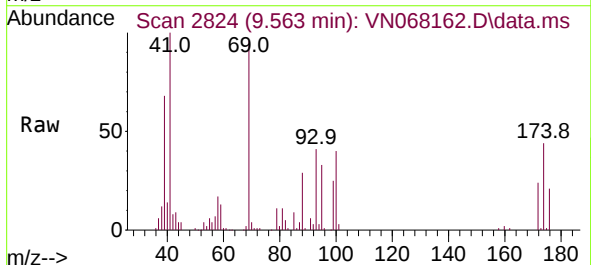
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

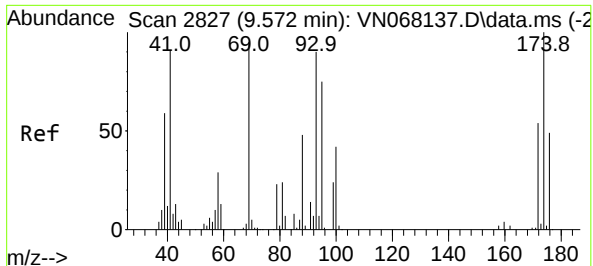
Tgt Ion: 83 Resp: 158780  
Ion Ratio Lower Upper  
83 100  
85 68.3 49.9 74.9  
127 9.6 6.1 9.1#



#48  
Methyl methacrylate  
Concen: 20.564 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. 0.002 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 41 Resp: 85552  
Ion Ratio Lower Upper  
41 100  
69 109.4 64.6 96.8#  
39 67.5 53.3 79.9

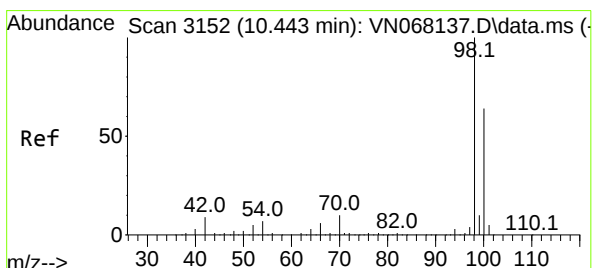
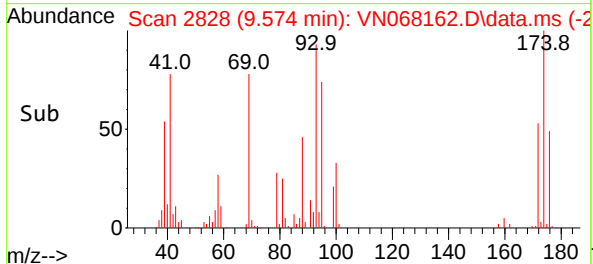
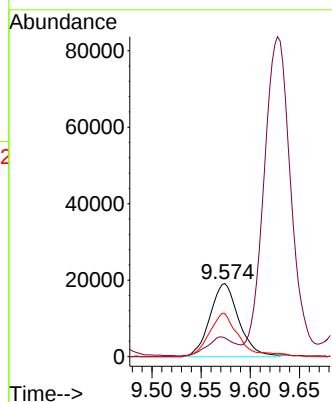
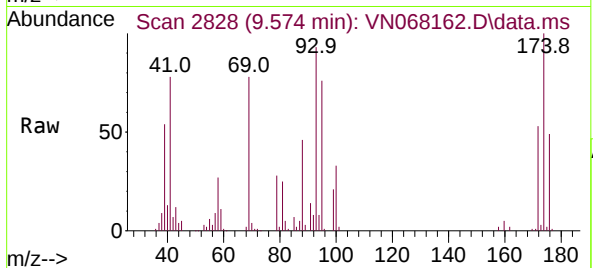




#49  
1,4-Dioxane  
Concen: 387.687 ug/l  
RT: 9.574 min Scan# 2828  
Delta R.T. 0.002 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

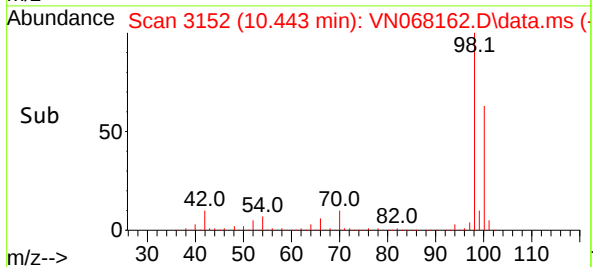
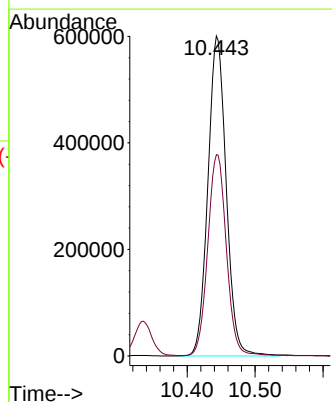
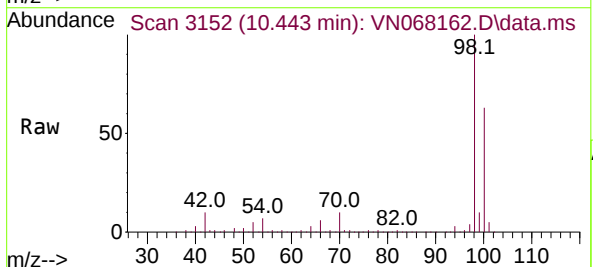
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

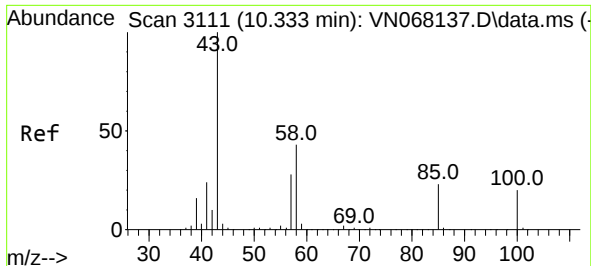
Tgt Ion: 88 Resp: 38984  
Ion Ratio Lower Upper  
88 100  
43 24.7 28.8 43.2#  
58 61.7 60.4 90.6



#50  
Toluene-d8  
Concen: 52.619 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 98 Resp: 1126481  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.7 77.5

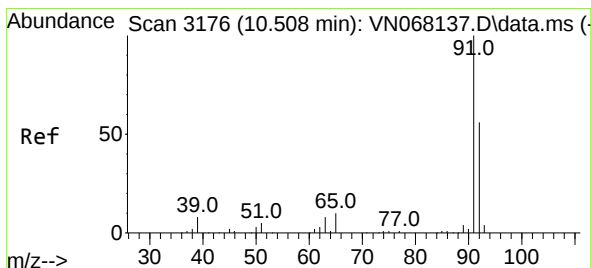
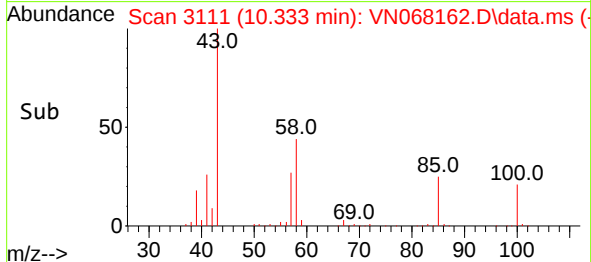
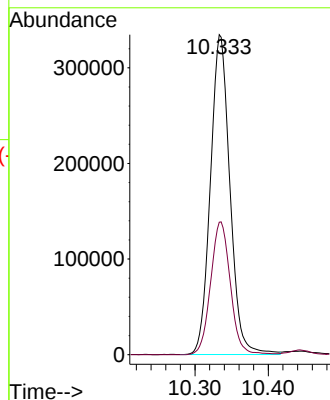
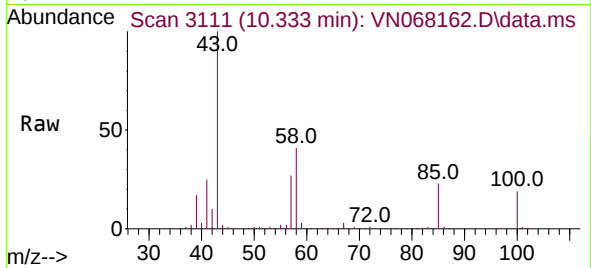




#51  
4-Methyl-2-Pentanone  
Concen: 100.908 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

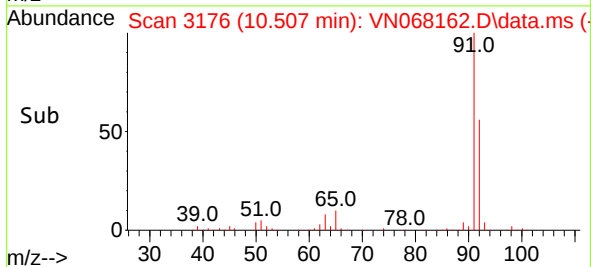
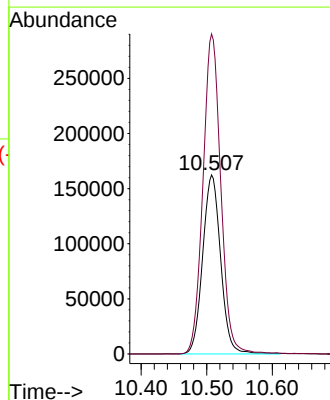
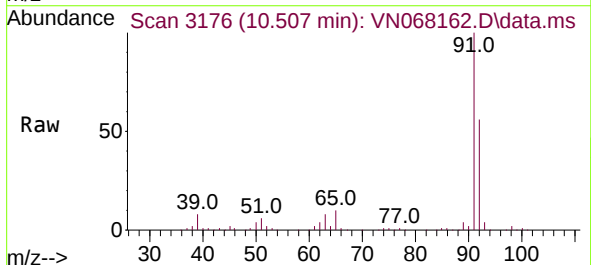
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

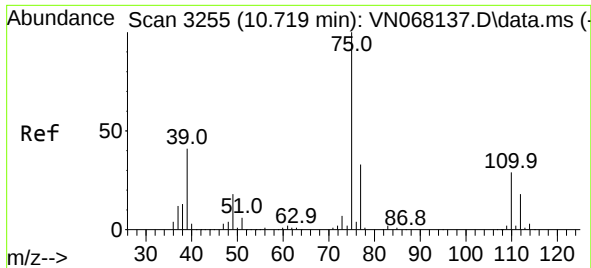
Tgt Ion: 43 Resp: 618803  
Ion Ratio Lower Upper  
43 100  
58 42.0 28.6 43.0



#52  
Toluene  
Concen: 20.280 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 92 Resp: 308702  
Ion Ratio Lower Upper  
92 100  
91 177.4 139.6 209.4

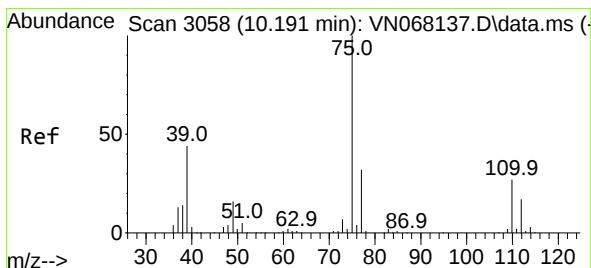
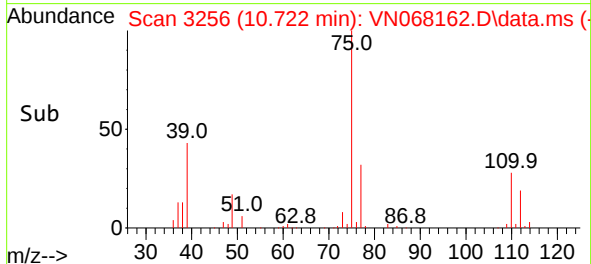
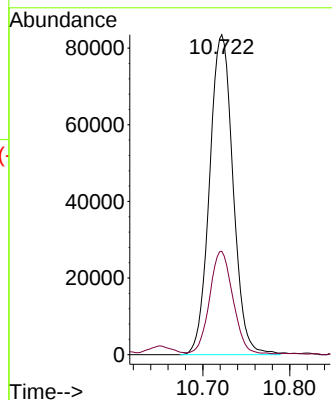
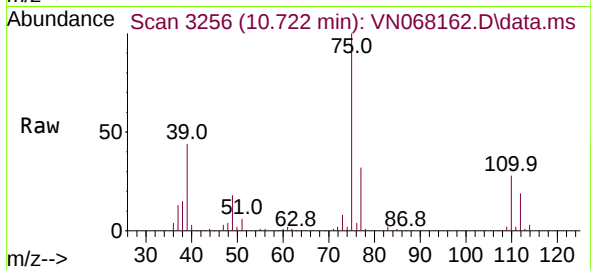




#53  
t-1,3-Dichloropropene  
Concen: 20.040 ug/l  
RT: 10.722 min Scan# 3256  
Delta R.T. 0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

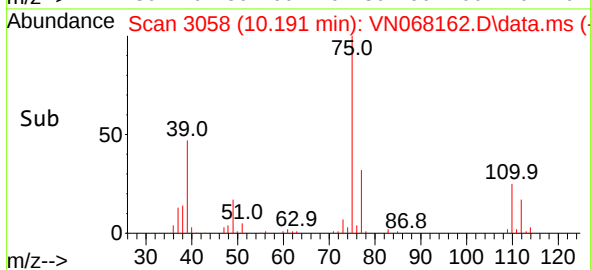
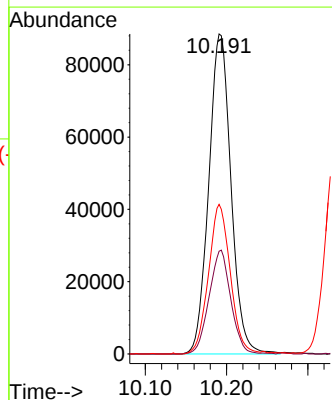
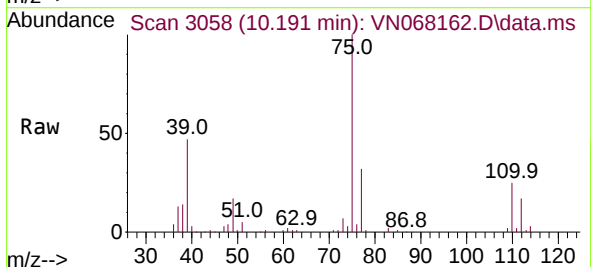
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

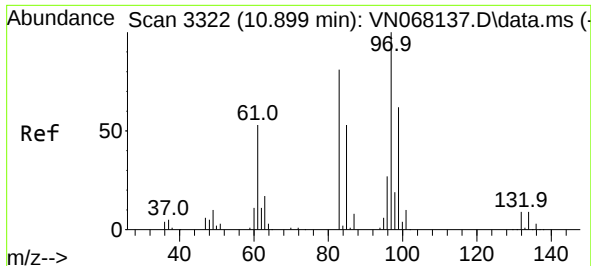
Tgt Ion: 75 Resp: 156706  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 19.881 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 75 Resp: 168433  
Ion Ratio Lower Upper  
75 100  
77 32.1 24.6 37.0  
39 46.8 50.7 76.1#

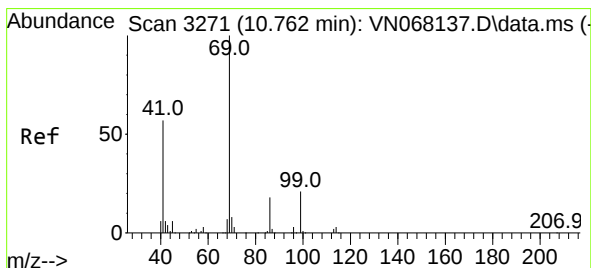
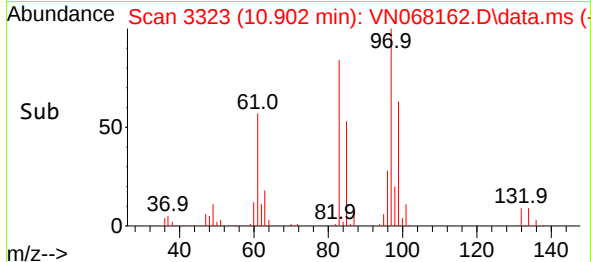
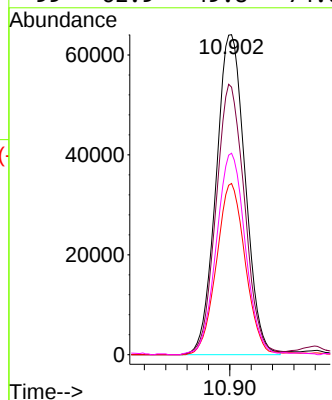
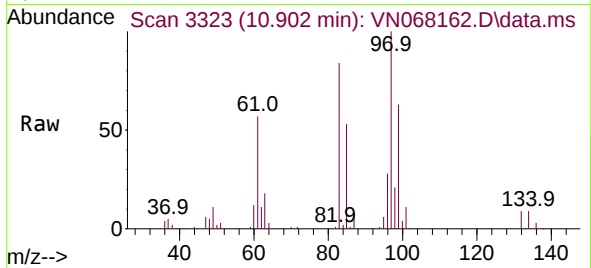




#55  
1,1,2-Trichloroethane  
Concen: 19.934 ug/l  
RT: 10.902 min Scan# 3323  
Delta R.T. 0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

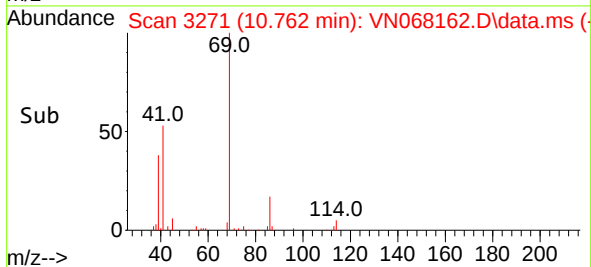
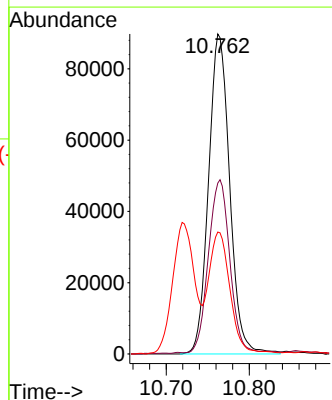
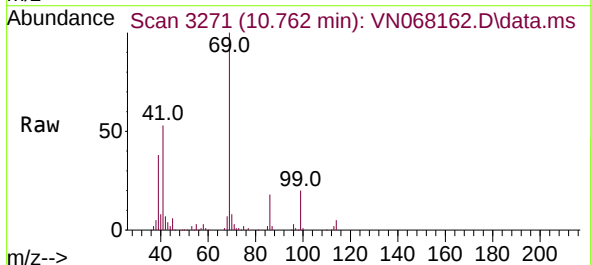
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

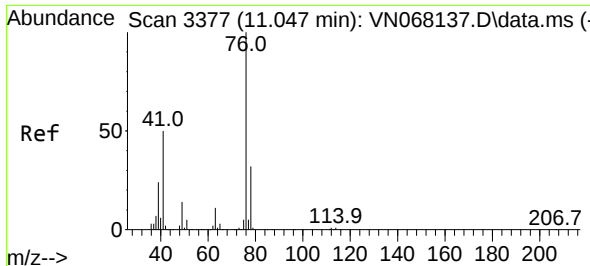
| Tgt Ion: | 97    | Resp: | 121259 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.6  | 72.0  | 108.0  |
| 85       | 53.5  | 46.8  | 70.2   |
| 99       | 62.9  | 49.8  | 74.6   |



#56  
Ethyl methacrylate  
Concen: 20.290 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

| Tgt Ion: | 69    | Resp: | 158496 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 54.6  | 58.6  | 88.0#  |
| 39       | 38.0  | 38.3  | 57.5#  |

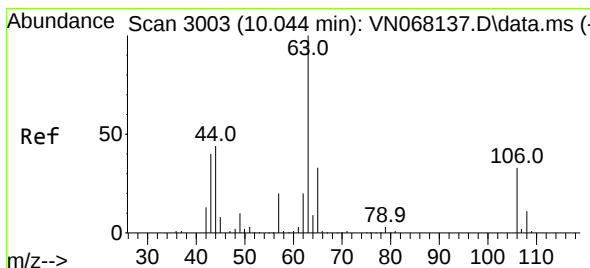
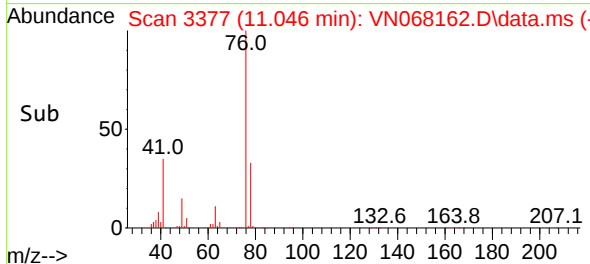
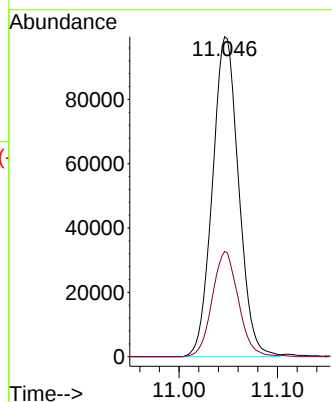
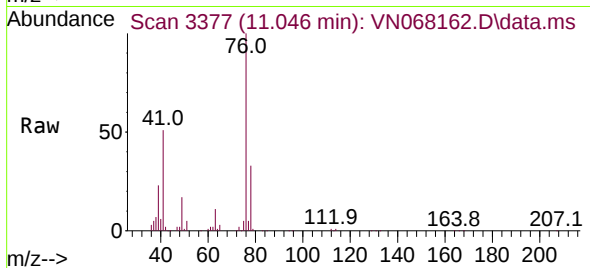




#57  
1,3-Dichloropropane  
Concen: 19.699 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

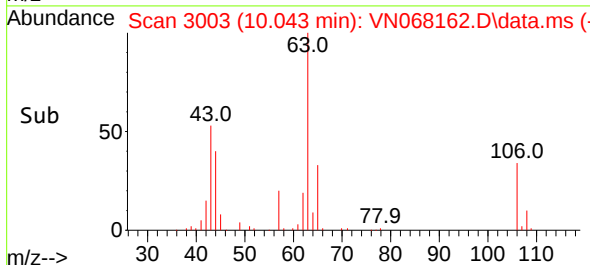
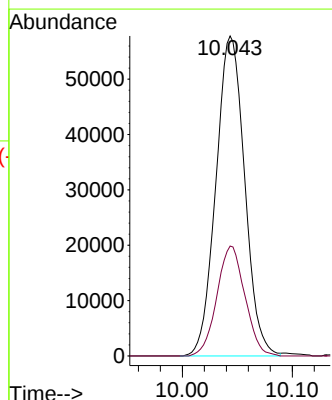
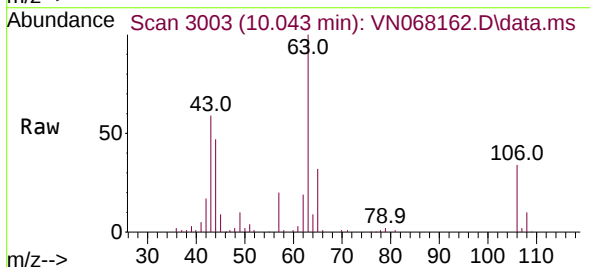
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

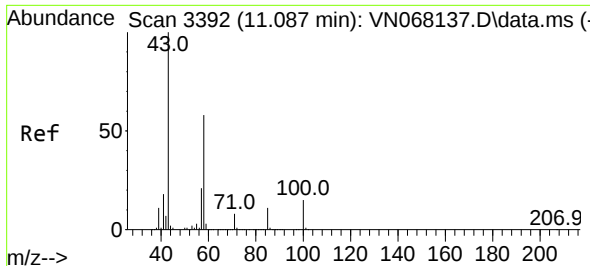
Tgt Ion: 76 Resp: 184556  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 76.599 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 63 Resp: 104771  
Ion Ratio Lower Upper  
63 100  
106 33.5 19.8 29.8#

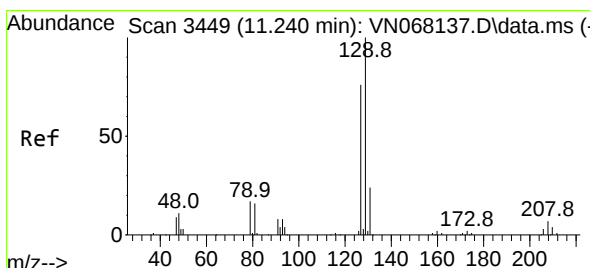
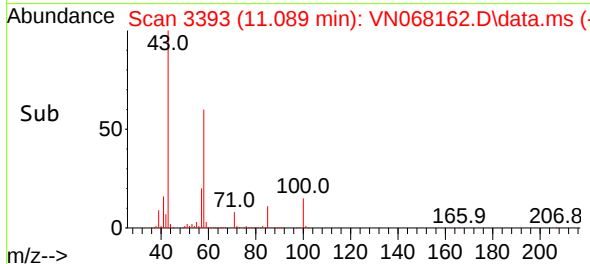
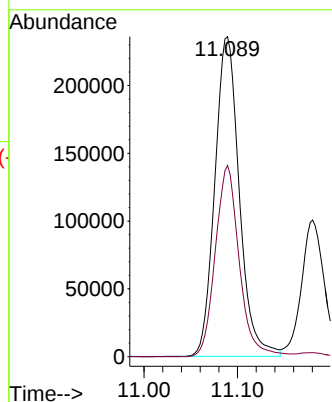
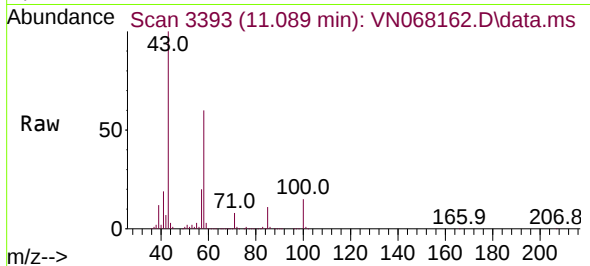




#59  
2-Hexanone  
Concen: 100.788 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.002 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

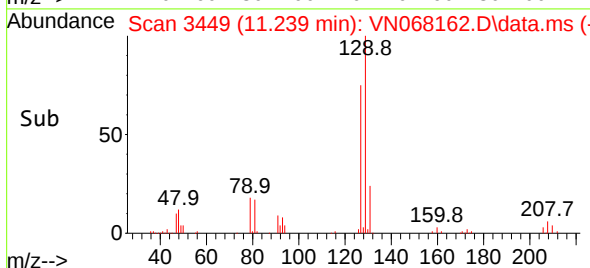
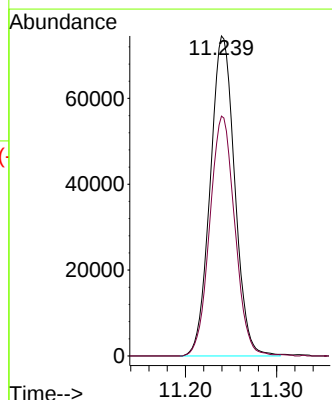
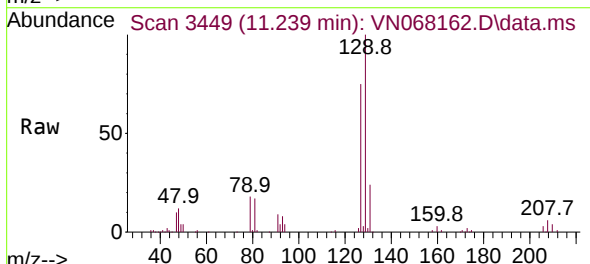
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

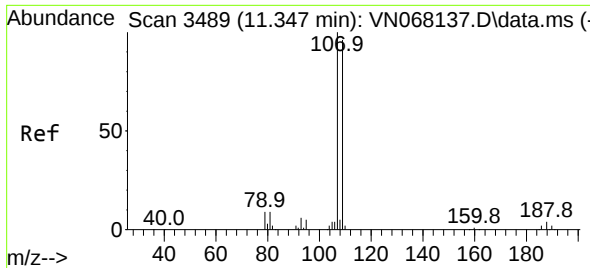
Tgt Ion: 43 Resp: 429166  
Ion Ratio Lower Upper  
43 100  
58 58.5 24.7 74.1



#60  
Dibromochloromethane  
Concen: 20.293 ug/l  
RT: 11.239 min Scan# 3449  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 129 Resp: 139263  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.6 115.8

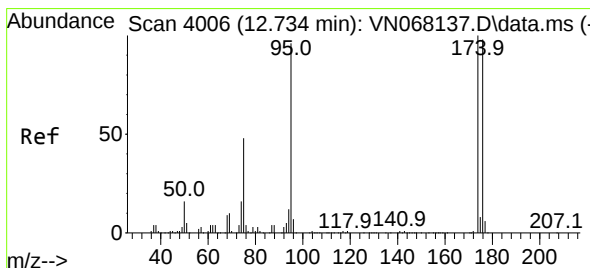
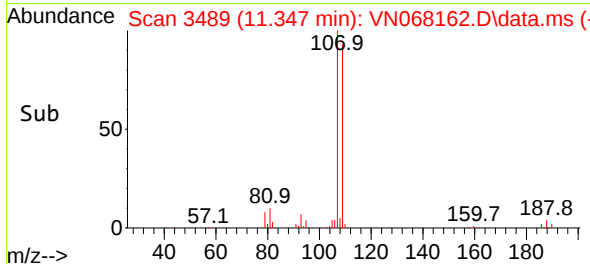
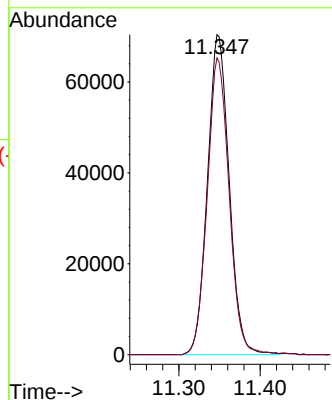
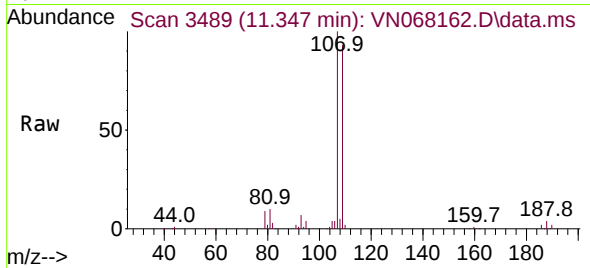




#61  
1,2-Dibromoethane  
Concen: 20.725 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

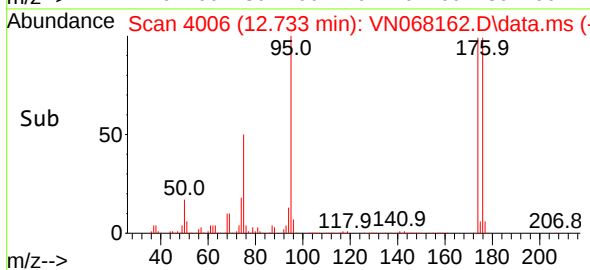
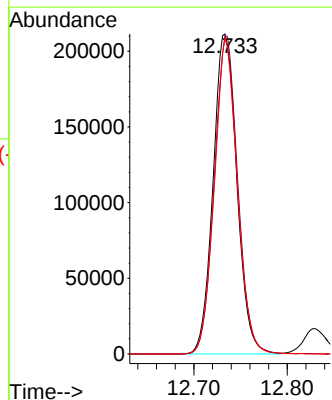
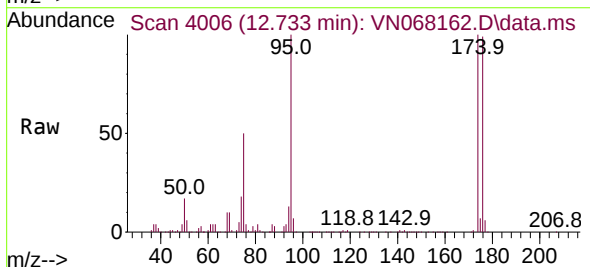
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

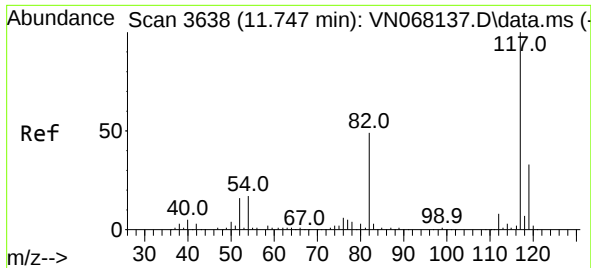
Tgt Ion:107 Resp: 130744  
Ion Ratio Lower Upper  
107 100  
109 93.4 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 52.472 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 95 Resp: 373953  
Ion Ratio Lower Upper  
95 100  
174 98.2 0.0 122.0  
176 95.2 0.0 117.6

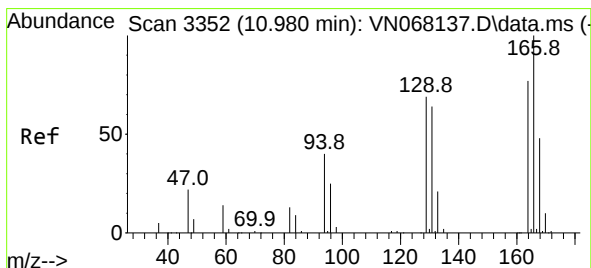
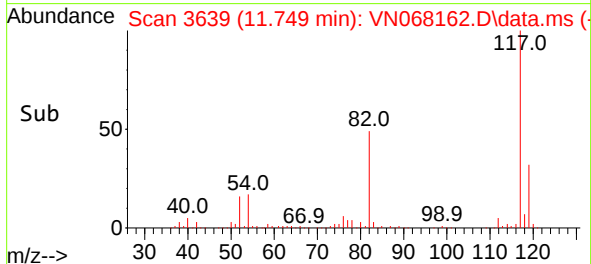
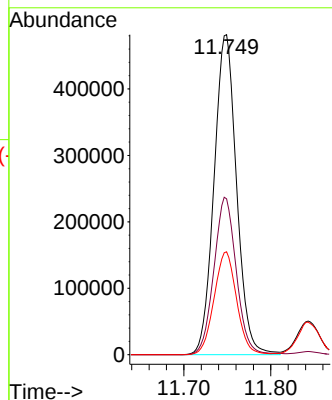
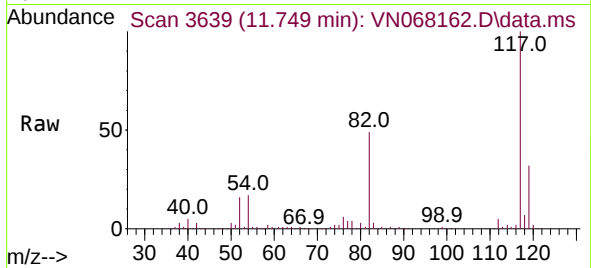




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.002 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

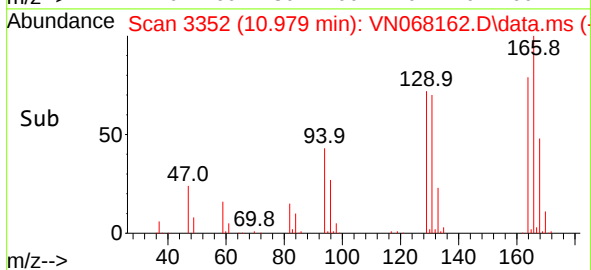
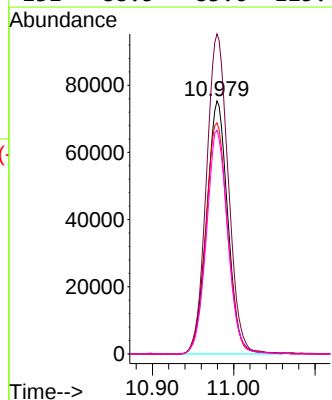
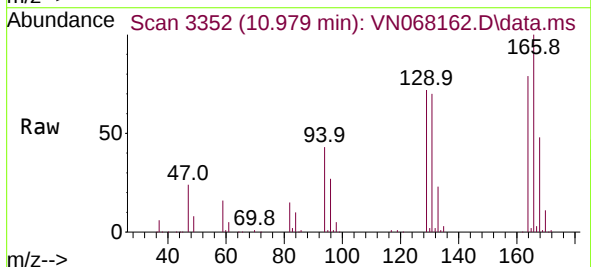
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

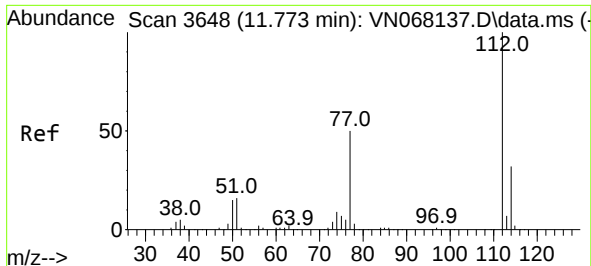
Tgt Ion:117 Resp: 868857  
Ion Ratio Lower Upper  
117 100  
82 48.7 53.1 79.7#  
119 32.1 25.5 38.3



#64  
Tetrachloroethene  
Concen: 20.446 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion:164 Resp: 137364  
Ion Ratio Lower Upper  
164 100  
166 126.5 102.1 153.1  
129 91.4 86.9 130.3  
131 88.5 83.6 125.4

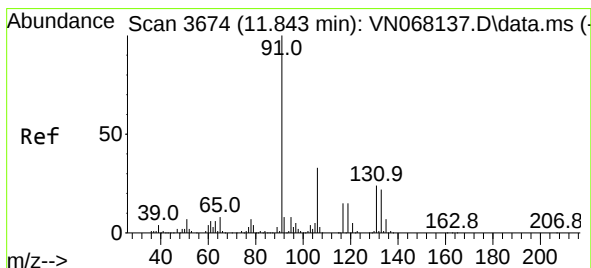
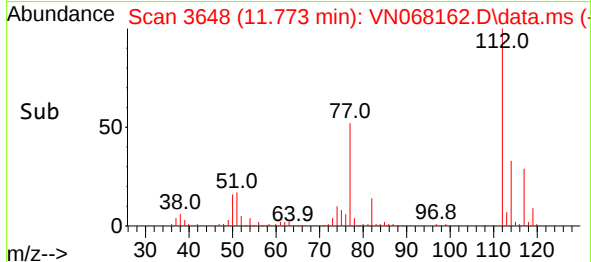
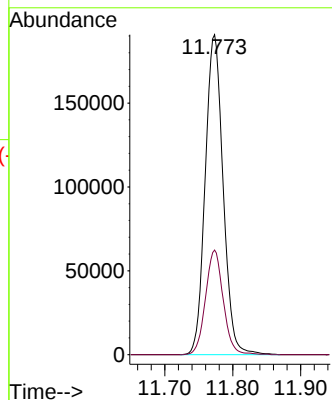
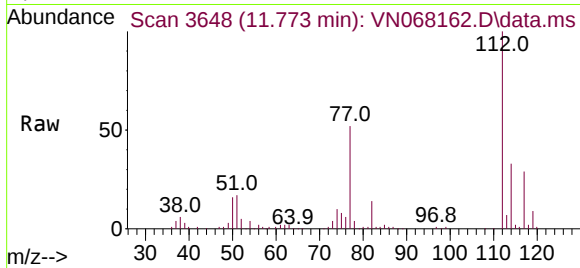




#65  
Chlorobenzene  
Concen: 19.634 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

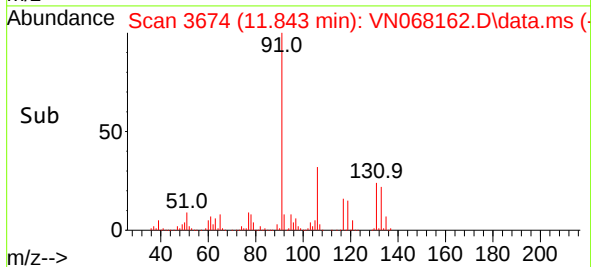
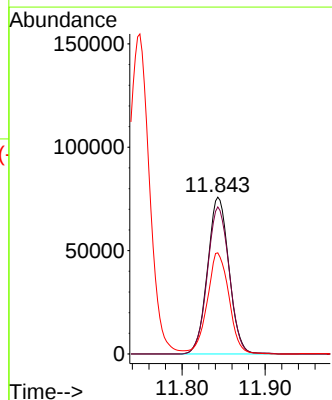
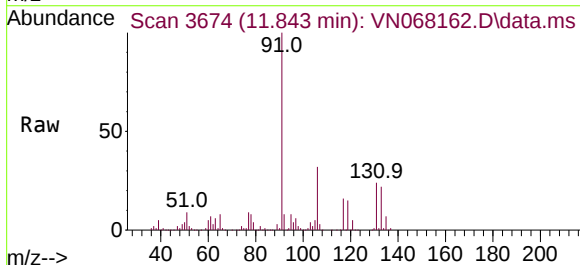
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

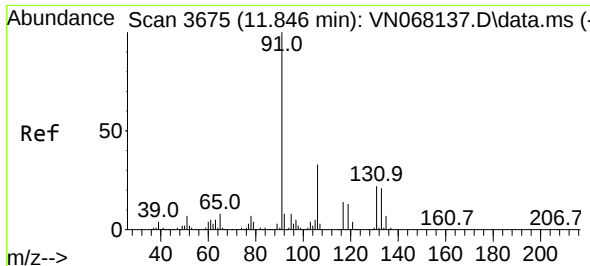
Tgt Ion:112 Resp: 349283  
Ion Ratio Lower Upper  
112 100  
114 32.7 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.308 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion:131 Resp: 136274  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.5 142.5  
119 65.1 33.1 99.3

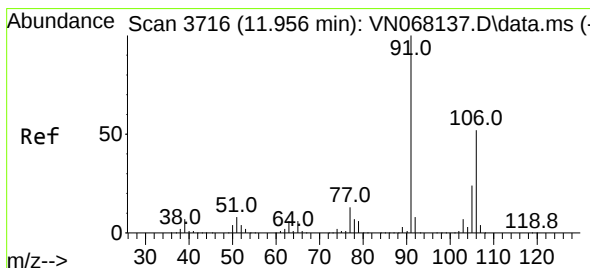
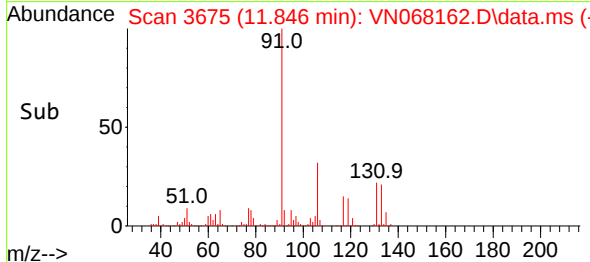
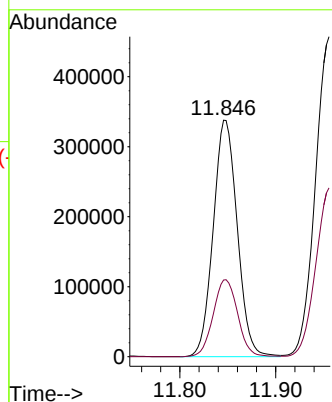
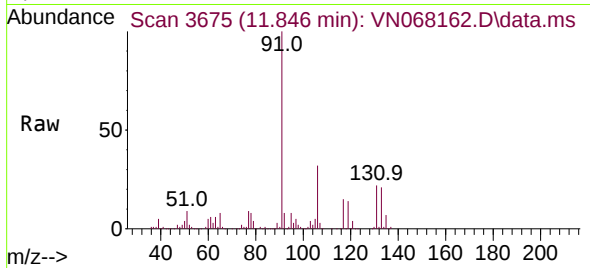




#67  
Ethyl Benzene  
Concen: 20.029 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

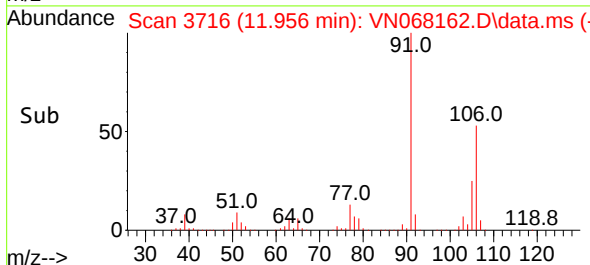
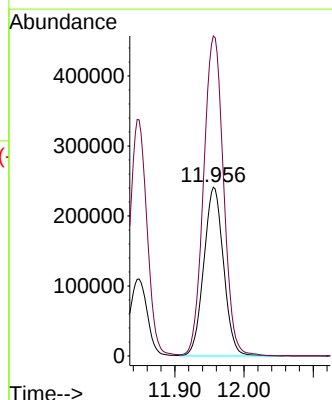
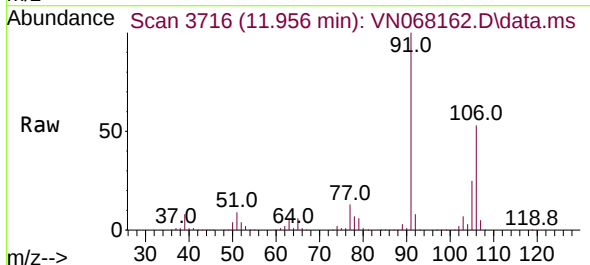
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

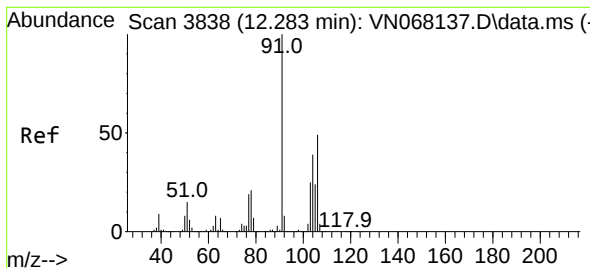
Tgt Ion: 91 Resp: 587733  
Ion Ratio Lower Upper  
91 100  
106 32.4 23.4 35.0



#68  
m/p-Xylenes  
Concen: 40.675 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion:106 Resp: 477458  
Ion Ratio Lower Upper  
106 100  
91 191.8 180.6 270.8

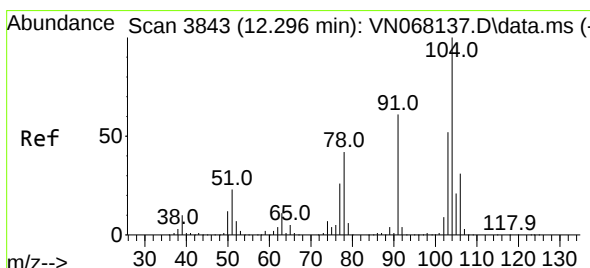
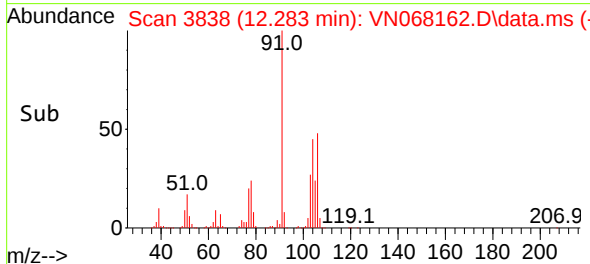
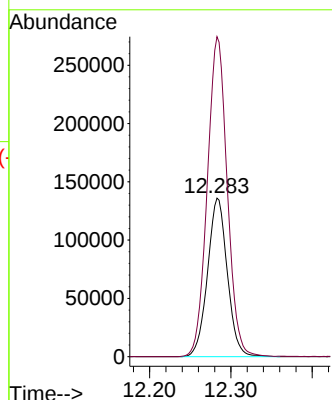
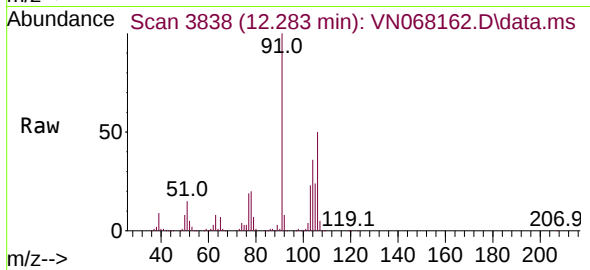




#69  
o-Xylene  
Concen: 20.250 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

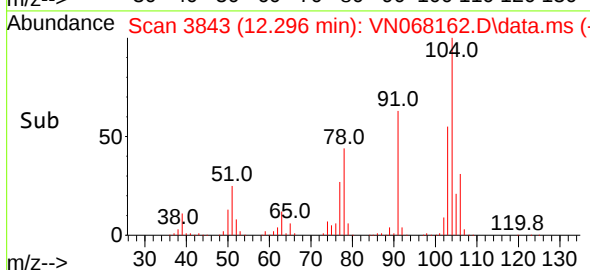
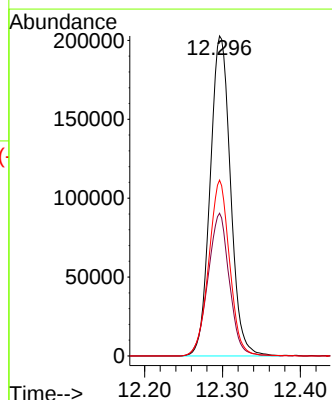
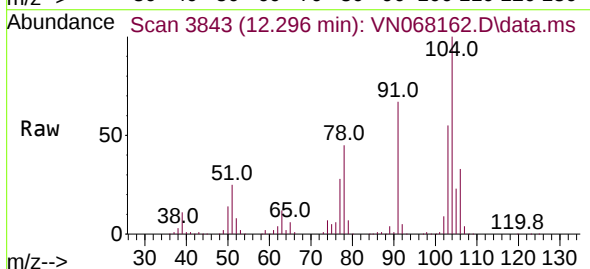
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

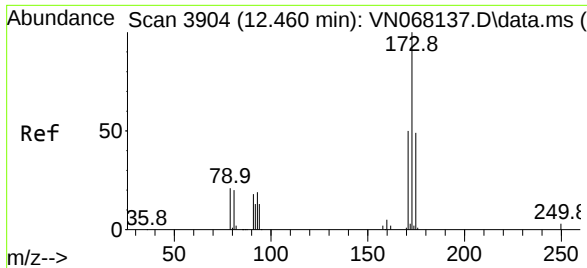
Tgt Ion:106 Resp: 229679  
Ion Ratio Lower Upper  
106 100  
91 203.8 118.3 354.9



#70  
Styrene  
Concen: 20.305 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion:104 Resp: 368630  
Ion Ratio Lower Upper  
104 100  
78 46.7 48.2 72.2#  
103 56.3 44.5 66.7

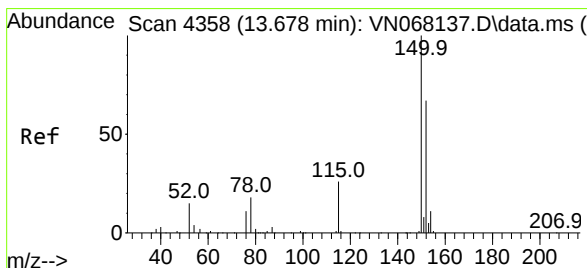
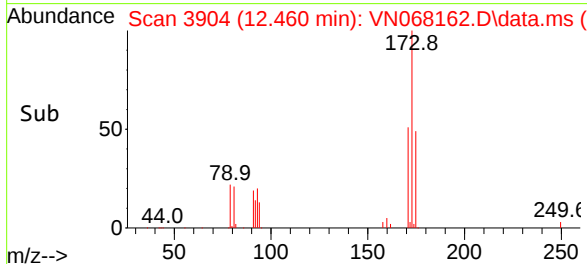
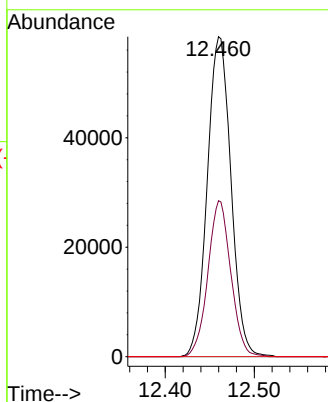
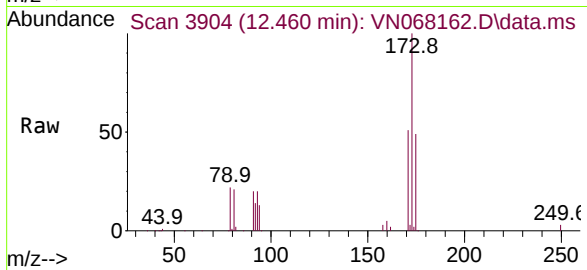




#71  
Bromoform  
Concen: 20.084 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

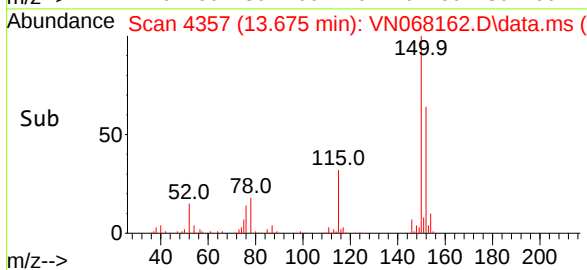
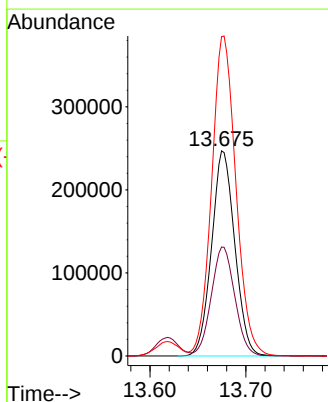
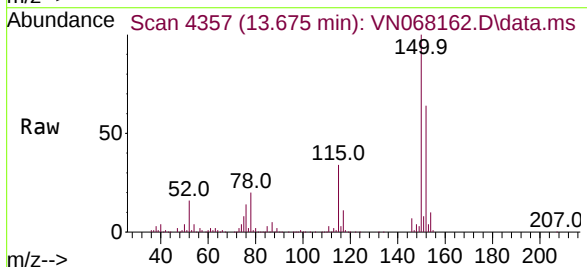
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

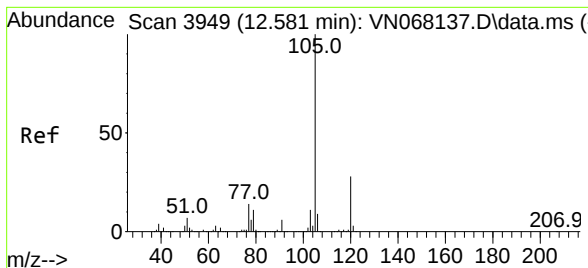
Tgt Ion:173 Resp: 108087  
Ion Ratio Lower Upper  
173 100  
175 47.1 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion:152 Resp: 414982  
Ion Ratio Lower Upper  
152 100  
115 53.9 36.1 108.5  
150 163.5 0.0 351.8





#73

Isopropylbenzene

Concen: 19.860 ug/l

RT: 12.580 min Scan# 3949

Delta R.T. -0.001 min

Lab File: VN068162.D

Acq: 18 Aug 2021 00:14

Instrument :

MSVOA\_N

ClientSampleId :

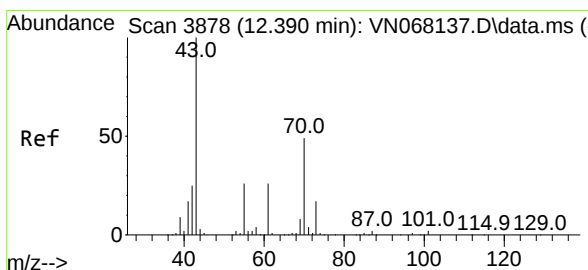
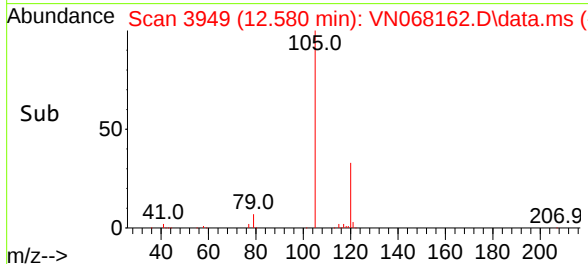
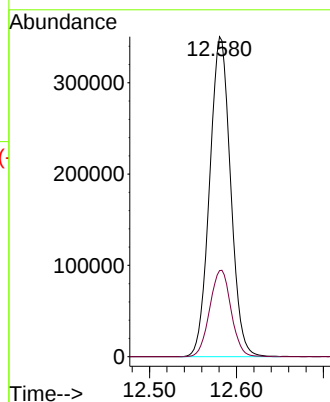
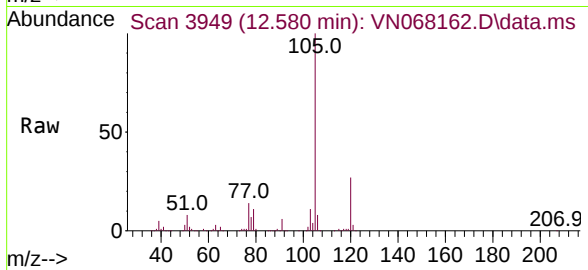
VN0817WBSD02

Tgt Ion:105 Resp: 586139

Ion Ratio Lower Upper

105 100

120 27.5 12.5 37.5



#74

N-ethyl acetate

Concen: 19.075 ug/l

RT: 12.390 min Scan# 3878

Delta R.T. 0.000 min

Lab File: VN068162.D

Acq: 18 Aug 2021 00:14

Tgt Ion: 43 Resp: 146595

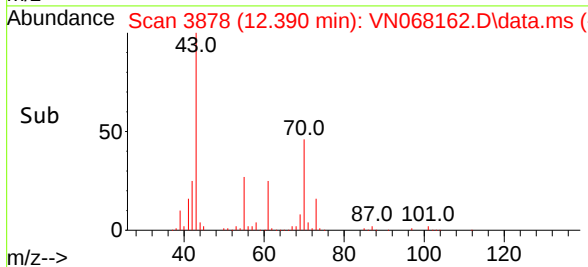
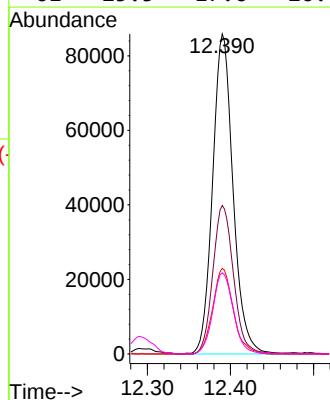
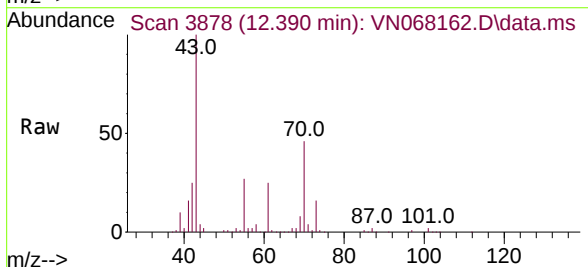
Ion Ratio Lower Upper

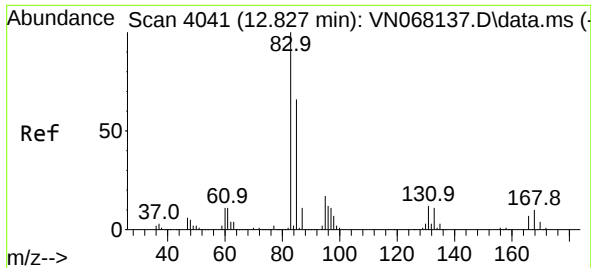
43 100

70 46.8 29.4 44.2#

55 27.0 17.0 25.4#

61 25.5 17.6 26.4

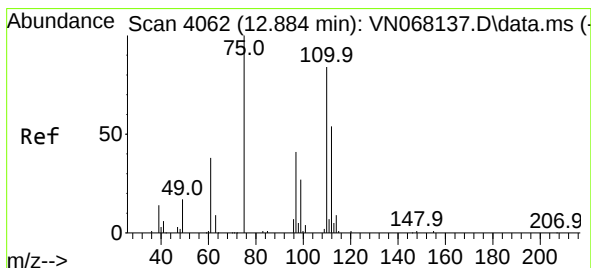
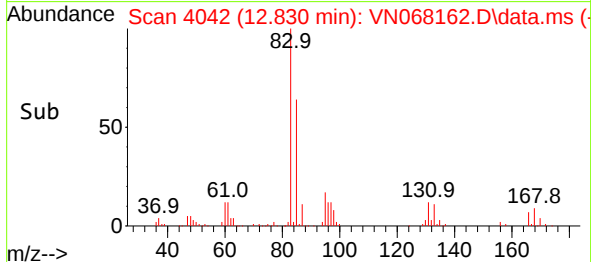
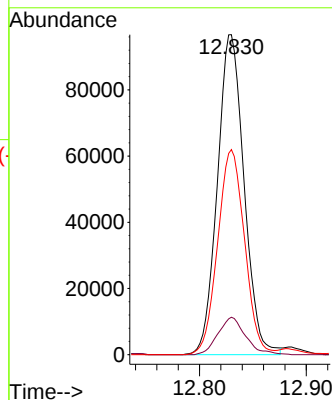
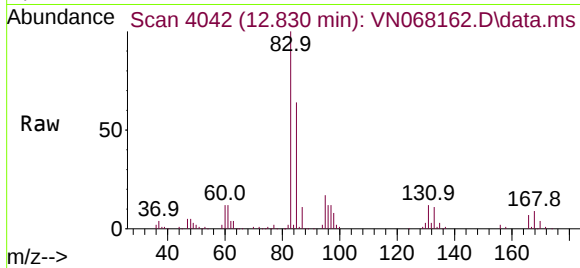




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.979 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

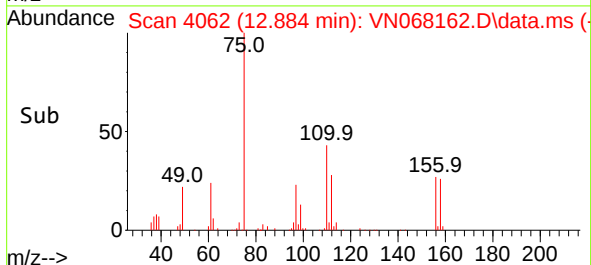
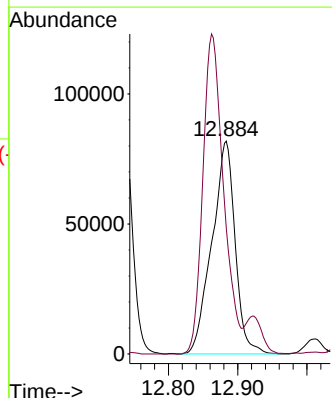
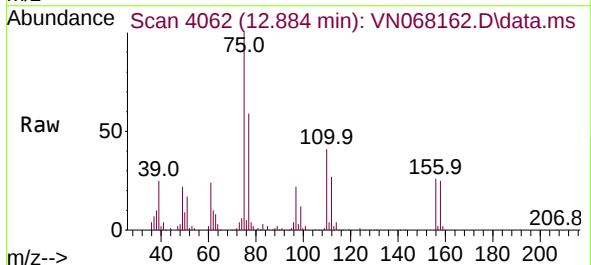
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

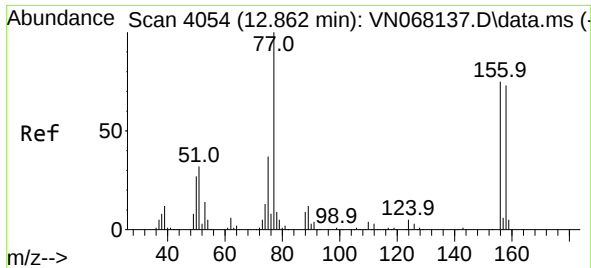
Tgt Ion: 83 Resp: 167988  
Ion Ratio Lower Upper  
83 100  
131 12.1 4.8 14.4  
85 64.6 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 27.661 ug/l  
RT: 12.884 min Scan# 4062  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 75 Resp: 190790  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

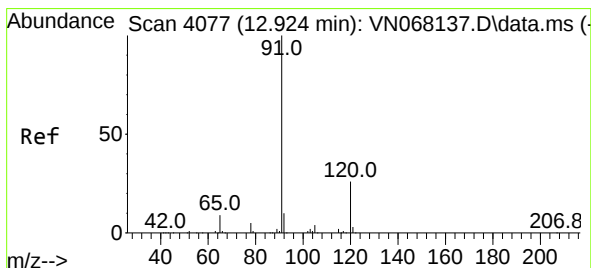
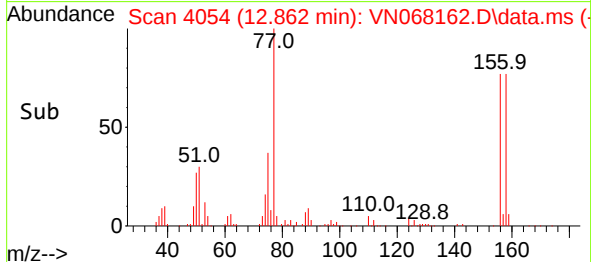
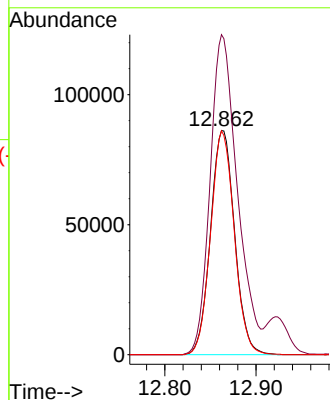
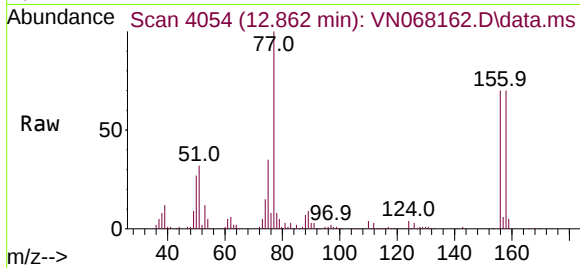




#77  
Bromobenzene  
Concen: 19.472 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

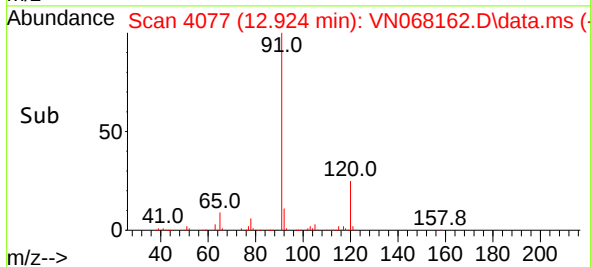
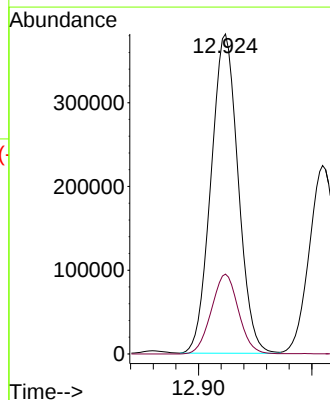
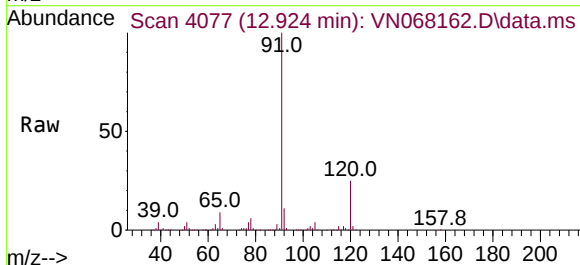
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

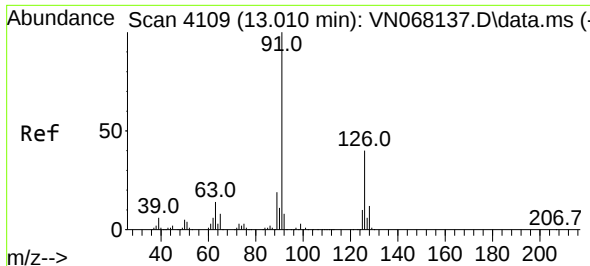
Tgt Ion:156 Resp: 158324  
Ion Ratio Lower Upper  
156 100  
77 161.1 136.2 408.6  
158 97.8 48.4 145.3



#78  
n-propylbenzene  
Concen: 20.047 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 91 Resp: 634686  
Ion Ratio Lower Upper  
91 100  
120 25.0 10.4 31.4

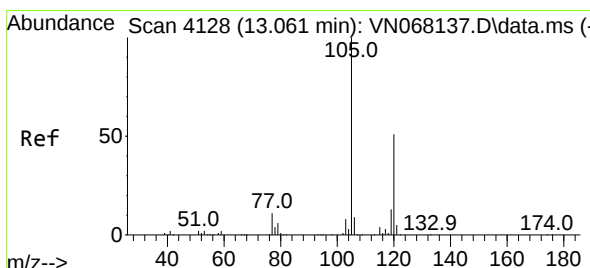
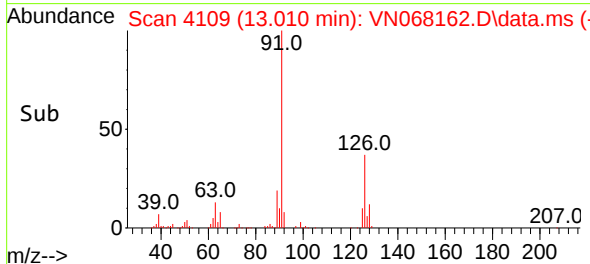
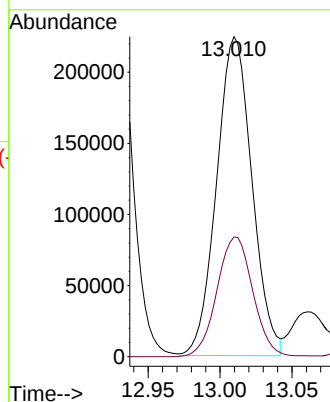
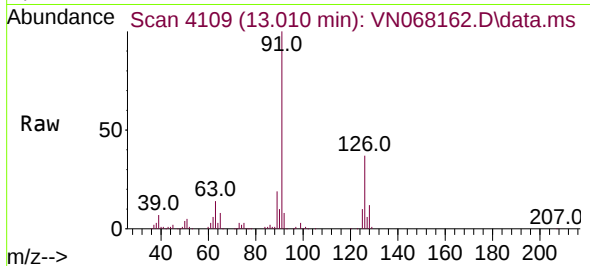




#79  
2-Chlorotoluene  
Concen: 19.601 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

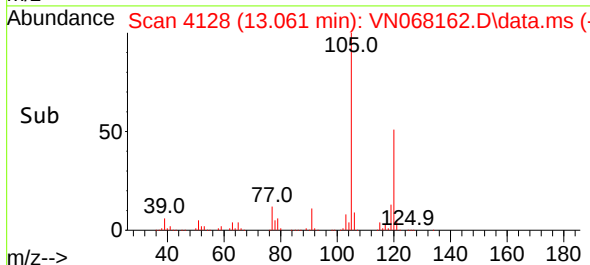
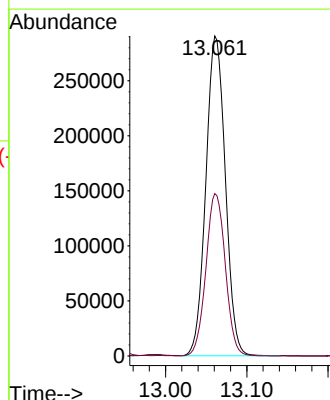
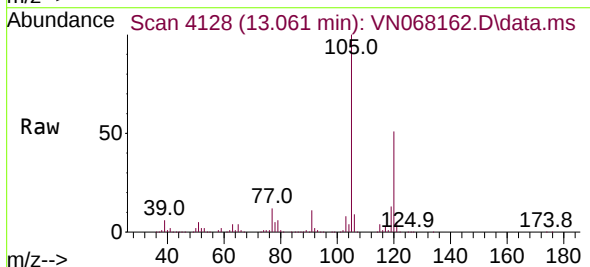
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

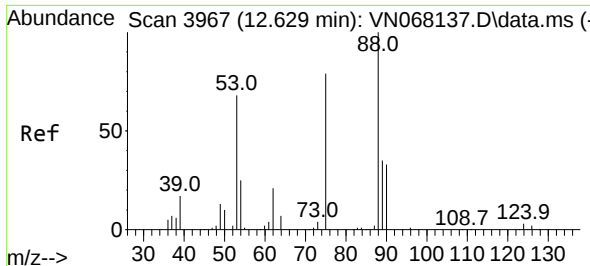
Tgt Ion: 91 Resp: 383787  
Ion Ratio Lower Upper  
91 100  
126 38.1 14.5 43.5



#80  
1,3,5-Trimethylbenzene  
Concen: 20.238 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 105 Resp: 483203  
Ion Ratio Lower Upper  
105 100  
120 50.7 22.2 66.6

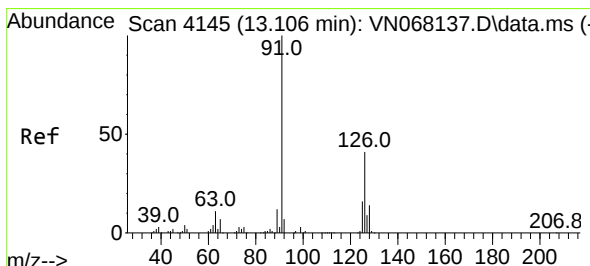
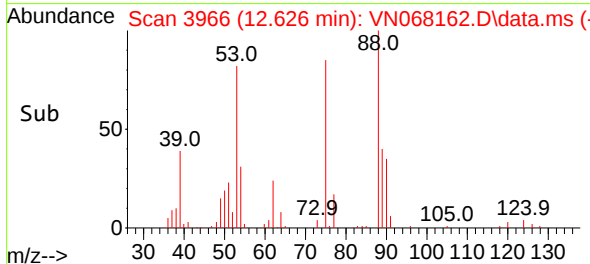
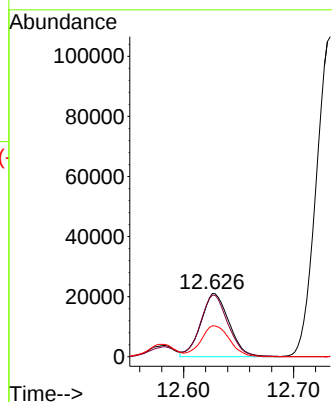
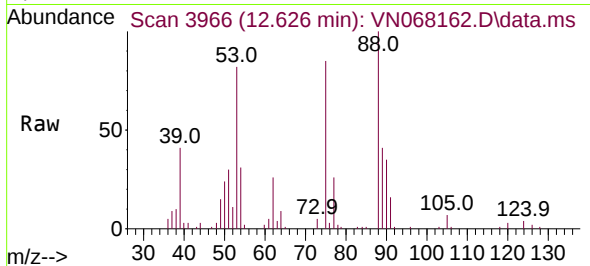




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.774 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. -0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

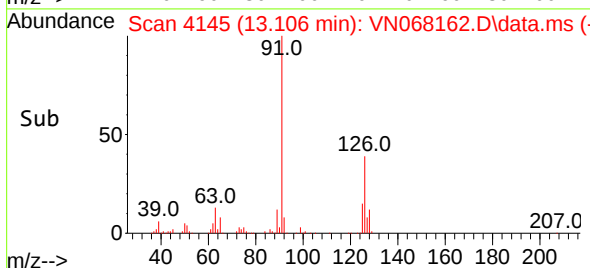
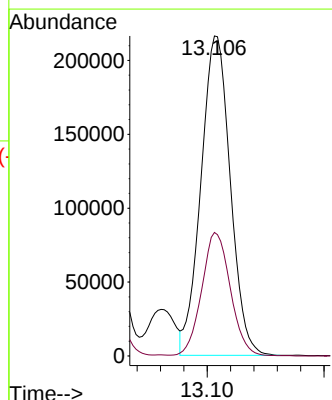
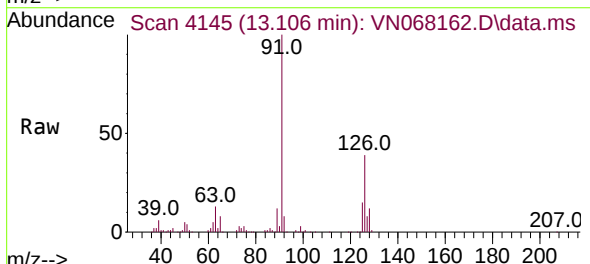
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

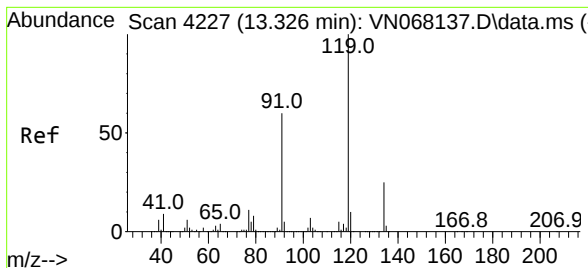
Tgt Ion: 75 Resp: 37420  
Ion Ratio Lower Upper  
75 100  
53 93.5 87.6 131.4  
89 49.7 37.8 56.8



#82  
4-Chlorotoluene  
Concen: 19.860 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 91 Resp: 377419  
Ion Ratio Lower Upper  
91 100  
126 37.8 14.8 44.4

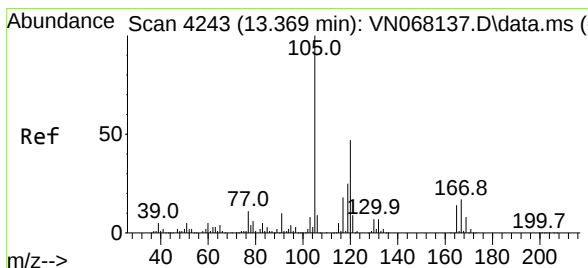
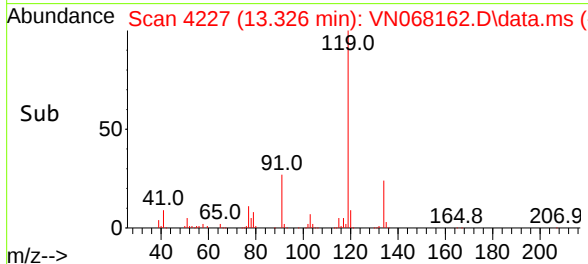
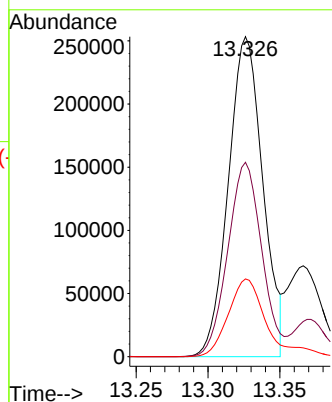
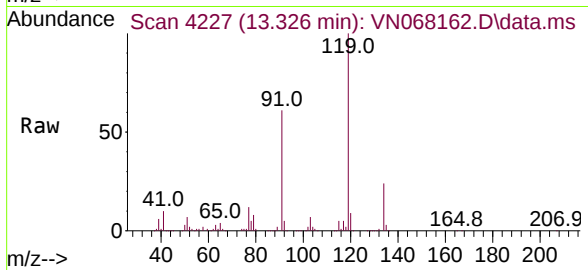




#83  
tert-Butylbenzene  
Concen: 19.926 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

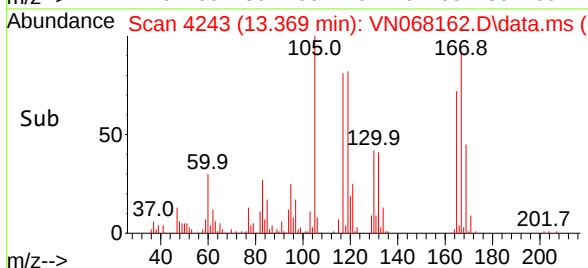
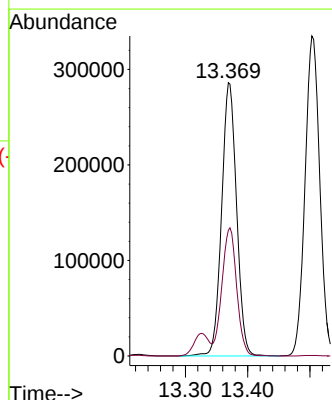
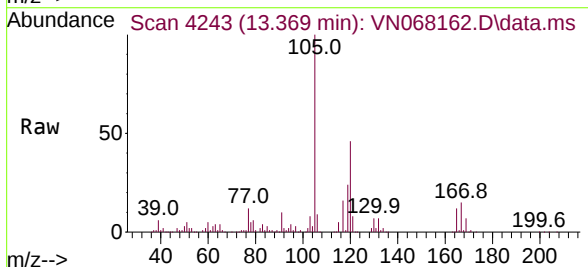
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

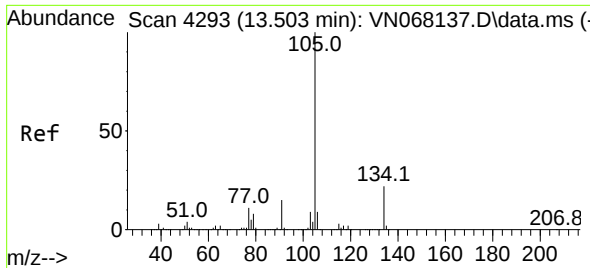
Tgt Ion:119 Resp: 422476  
Ion Ratio Lower Upper  
119 100  
91 60.1 39.5 118.5  
134 27.0 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 20.478 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion:105 Resp: 477312  
Ion Ratio Lower Upper  
105 100  
120 46.6 20.6 61.8

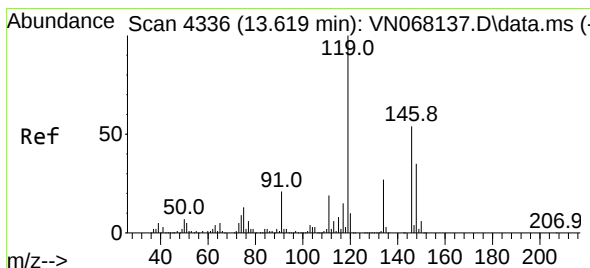
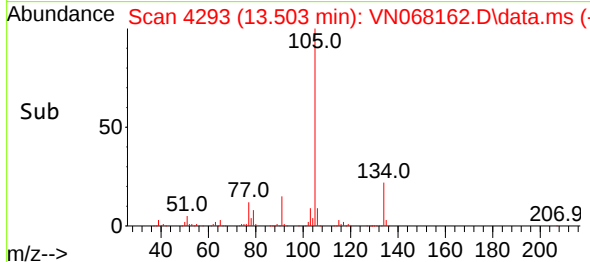
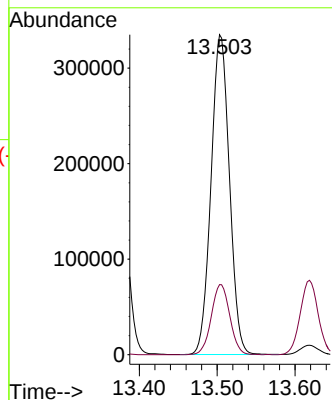
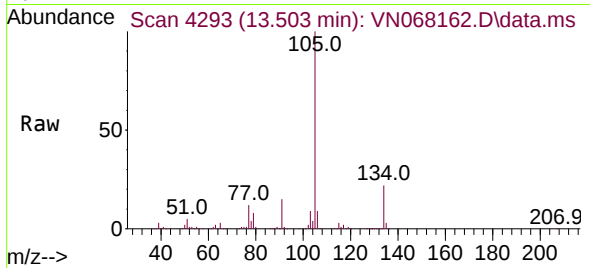




#85  
 sec-Butylbenzene  
 Concen: 19.655 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN068162.D  
 Acq: 18 Aug 2021 00:14

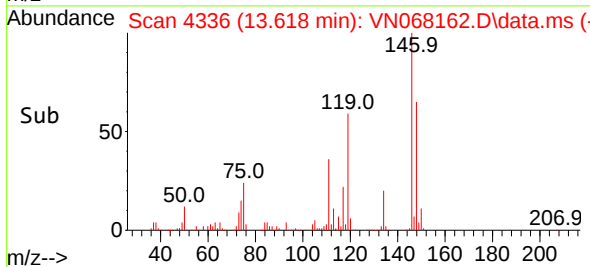
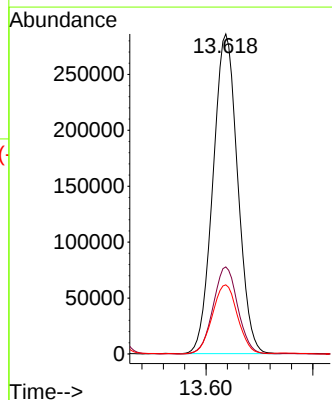
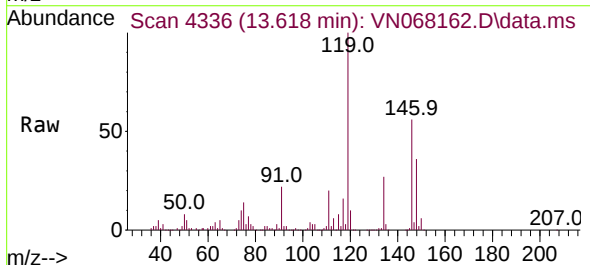
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD02

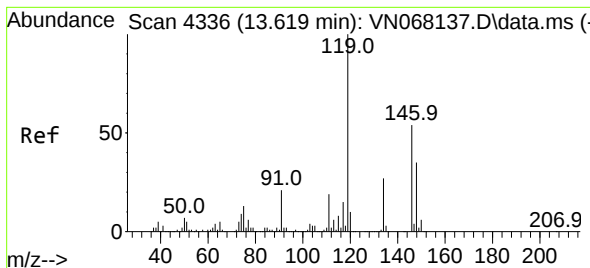
Tgt Ion:105 Resp: 548715  
 Ion Ratio Lower Upper  
 105 100  
 134 22.1 9.0 27.1



#86  
 p-Isopropyltoluene  
 Concen: 19.897 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. -0.001 min  
 Lab File: VN068162.D  
 Acq: 18 Aug 2021 00:14

Tgt Ion:119 Resp: 458485  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 12.4 37.4  
 91 22.1 14.8 44.3





#87

1,3-Dichlorobenzene

Concen: 20.051 ug/l

RT: 13.618 min Scan# 4336

Delta R.T. -0.001 min

Lab File: VN068162.D

Acq: 18 Aug 2021 00:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD02

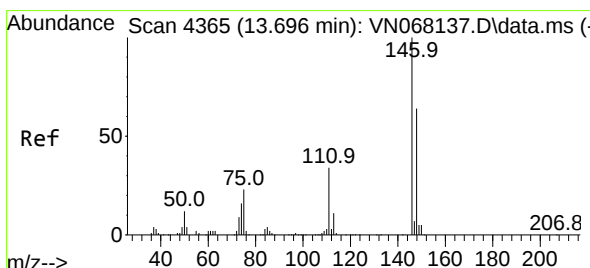
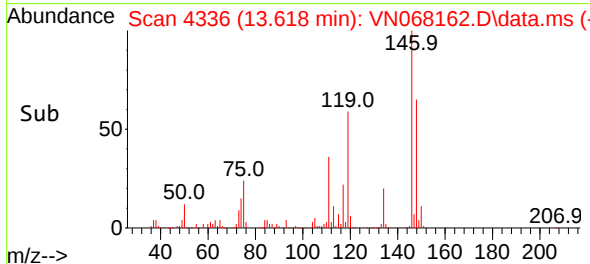
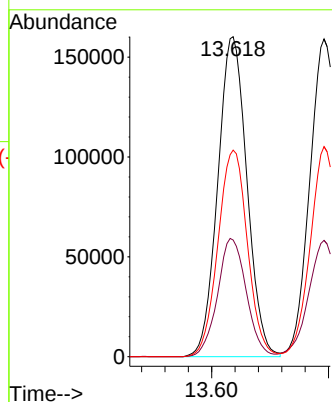
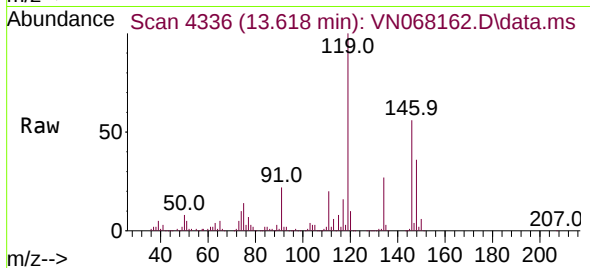
Tgt Ion:146 Resp: 278002

Ion Ratio Lower Upper

146 100

111 36.4 24.3 72.8

148 65.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.719 ug/l

RT: 13.696 min Scan# 4365

Delta R.T. 0.000 min

Lab File: VN068162.D

Acq: 18 Aug 2021 00:14

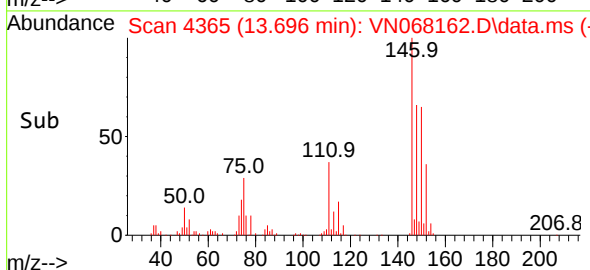
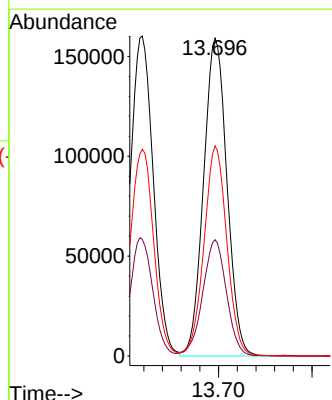
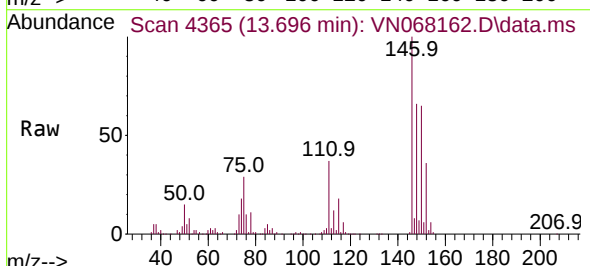
Tgt Ion:146 Resp: 276976

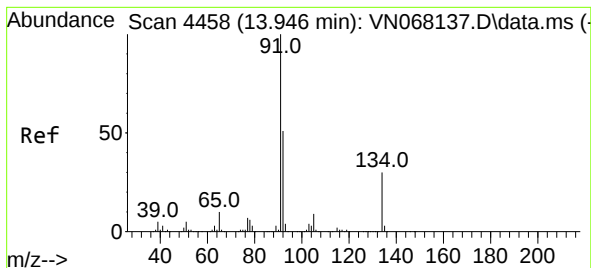
Ion Ratio Lower Upper

146 100

111 37.2 23.4 70.2

148 64.3 31.8 95.3

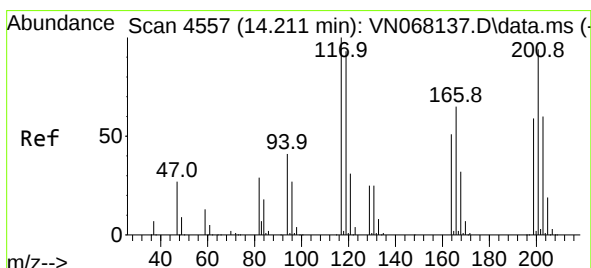
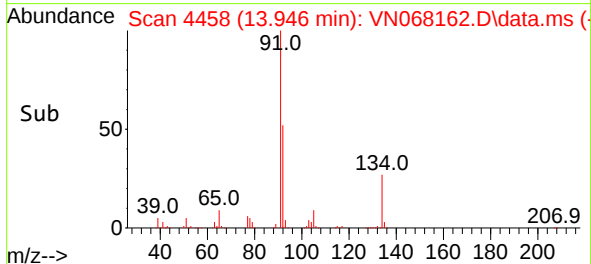
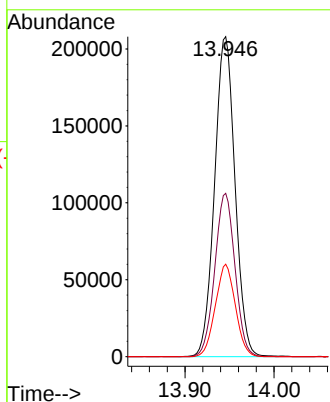
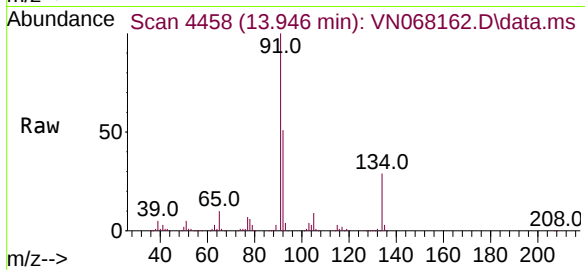




#89  
n-Butylbenzene  
Concen: 19.321 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

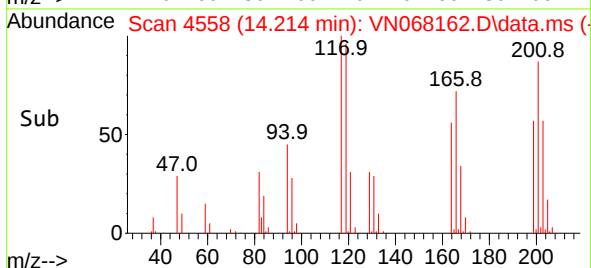
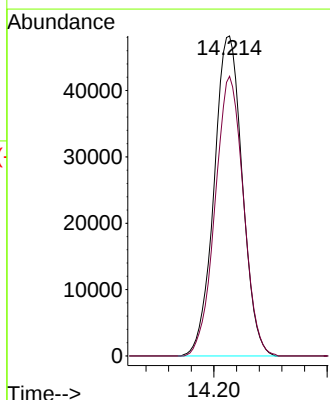
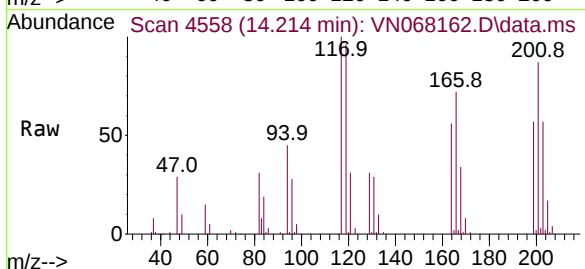
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

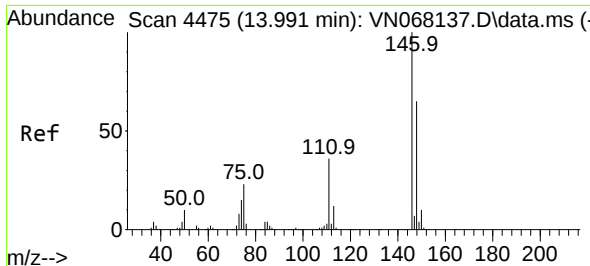
Tgt Ion: 91 Resp: 332127  
Ion Ratio Lower Upper  
91 100  
92 50.5 25.7 77.1  
134 28.3 11.2 33.6



#90  
Hexachloroethane  
Concen: 19.534 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. 0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 117 Resp: 83520  
Ion Ratio Lower Upper  
117 100  
201 87.6 33.5 100.5

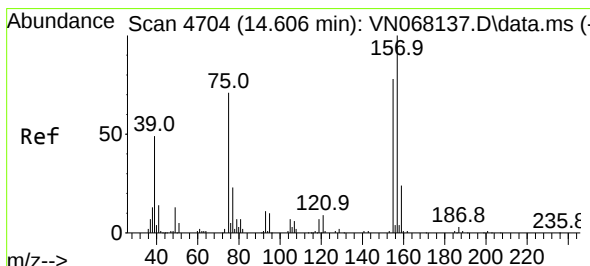
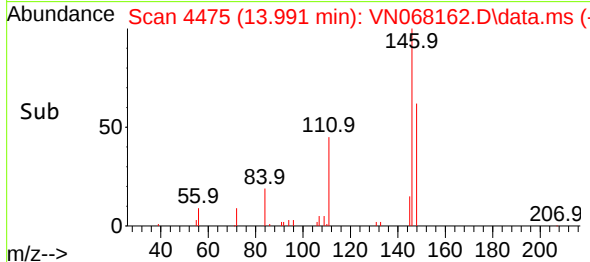
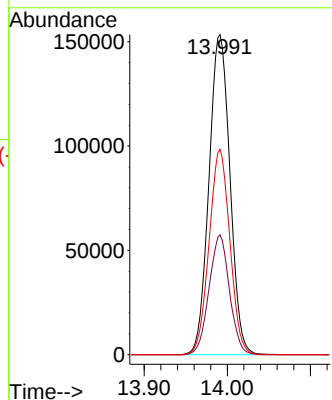
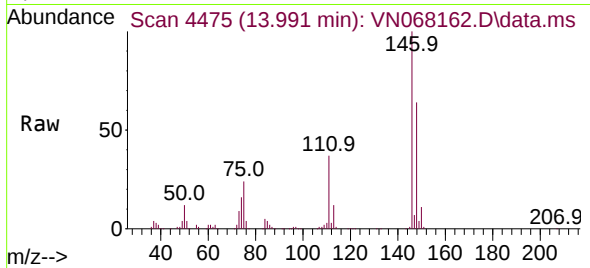




#91  
1,2-Dichlorobenzene  
Concen: 20.381 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

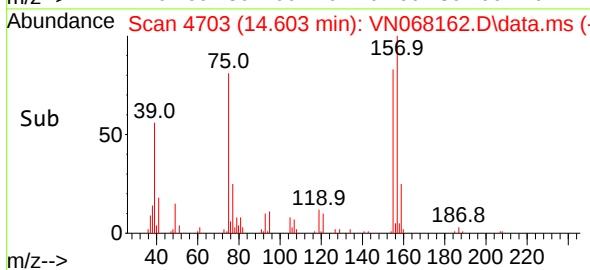
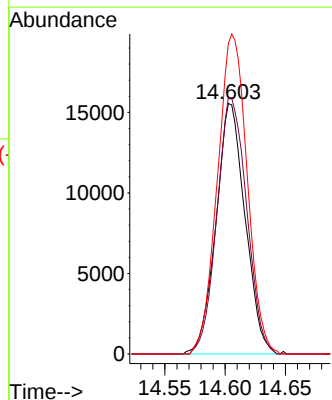
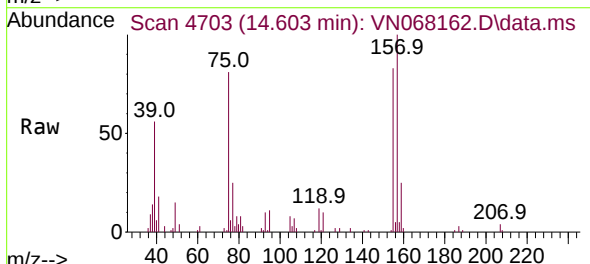
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

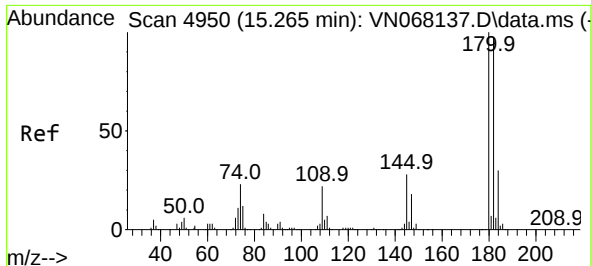
Tgt Ion:146 Resp: 269047  
Ion Ratio Lower Upper  
146 100  
111 36.4 24.9 74.6  
148 63.6 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.411 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. -0.003 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion: 75 Resp: 26024  
Ion Ratio Lower Upper  
75 100  
155 104.8 29.8 89.5#  
157 130.9 37.6 112.8#

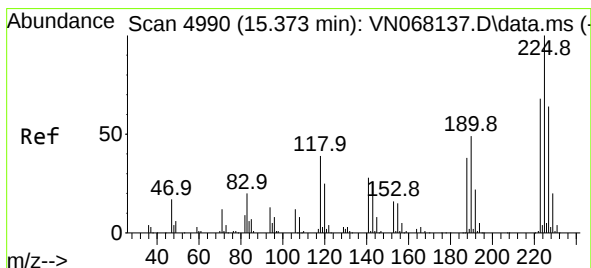
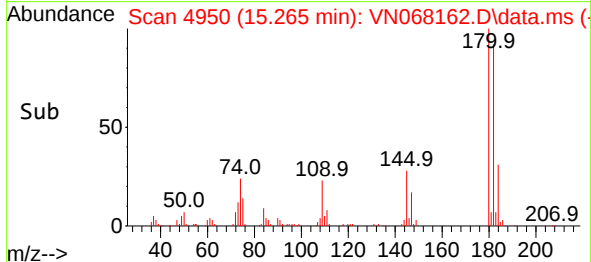
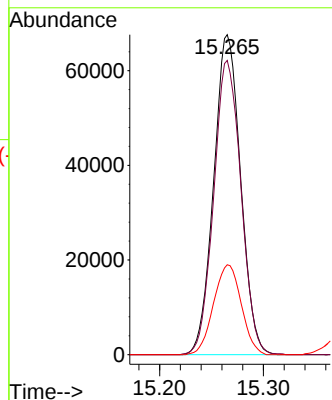
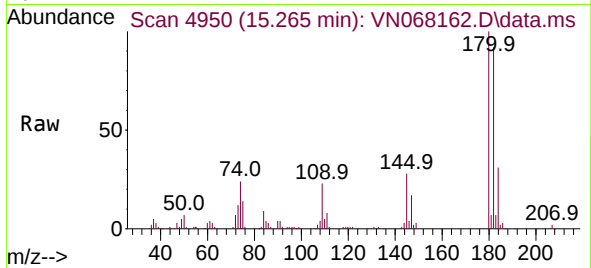




#93  
1,2,4-Trichlorobenzene  
Concen: 19.321 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

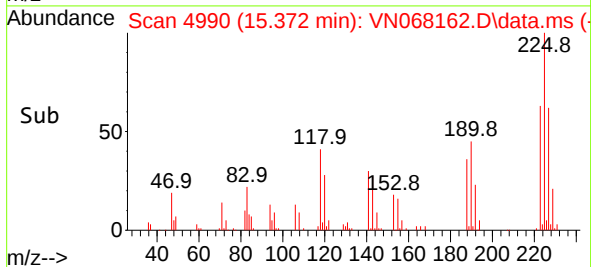
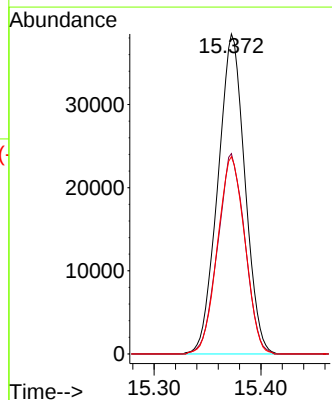
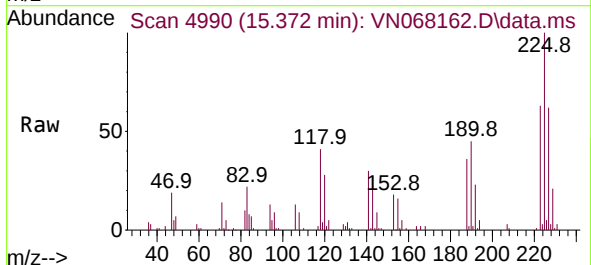
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

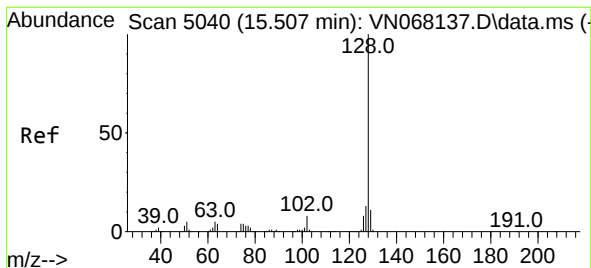
Tgt Ion:180 Resp: 121705  
Ion Ratio Lower Upper  
180 100  
182 93.2 47.5 142.5  
145 28.9 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 18.944 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Tgt Ion:225 Resp: 67727  
Ion Ratio Lower Upper  
225 100  
223 62.8 31.4 94.0  
227 62.5 31.2 93.6

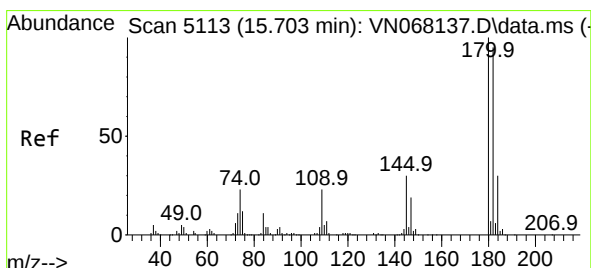
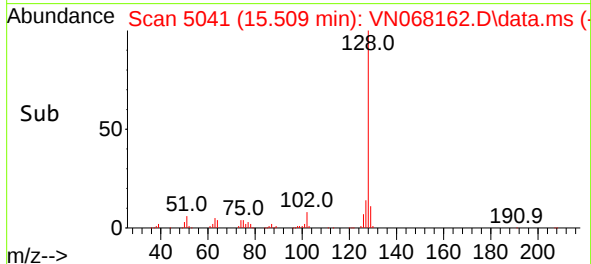
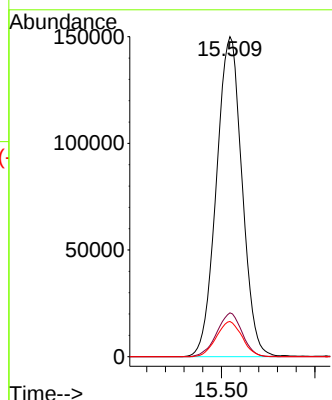
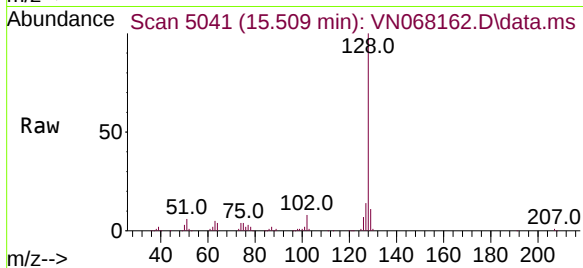




#95  
Naphthalene  
Concen: 19.711 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 285725    |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.6  | 10.6 15.8 |
| 129         | 11.0  | 8.6 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.926 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. -0.001 min  
Lab File: VN068162.D  
Acq: 18 Aug 2021 00:14

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 119100     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 92.9  | 47.8 143.3 |
| 145         | 30.8  | 18.2 54.6  |

