

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090821\  
 Data File : VN068430.D  
 Acq On : 8 Sep 2021 10:36  
 Operator : JC/MD  
 Sample : VN0908WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0908WBS01

Quant Time: Sep 09 03:30:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 03 13:24:01 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 7.659  | 128   | 105611   | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.971  | 114   | 551688   | 30.000   | ug/l       | # 0.00   |
| 57) Chlorobenzene-d5         | 11.747 | 117   | 491244   | 30.000   | ug/l       | # 0.00   |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.440  | 65    | 195084   | 31.157   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 103.867% |          |
| 60) 4-Bromofluorobenzene     | 12.734 | 95    | 209639   | 30.135   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 100.433% |          |
| 63) Toluene-d8               | 10.446 | 98    | 664179   | 30.361   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 101.200% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.078  | 85    | 98638    | 18.446   | ug/l       | 98       |
| 3) Chloromethane             | 2.309  | 50    | 90869    | 18.781   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.448  | 62    | 151527   | 21.017   | ug/l       | 96       |
| 5) Bromomethane              | 2.856  | 94    | 154995   | 23.446   | ug/l       | 93       |
| 6) Chloroethane              | 3.022  | 64    | 112533   | 21.880   | ug/l       | 91       |
| 7) Trichlorofluoromethane    | 3.379  | 101   | 194512   | 19.725   | ug/l       | 100      |
| 8) Diethyl Ether             | 3.832  | 74    | 59785    | 19.086   | ug/l       | 77       |
| 9) 1,1,2-Trichlorotrifluo... | 4.218  | 101   | 108166   | 19.292   | ug/l       | 84       |
| 10) 1,1-Dichloroethene       | 4.189  | 96    | 98363    | 18.672   | ug/l       | # 76     |
| 11) Methyl Iodide            | 4.430  | 142   | 142943   | 16.867   | ug/l       | 88       |
| 12) Methyl Acetate           | 4.859  | 43    | 105156   | 19.833   | ug/l       | # 79     |
| 13) Acrolein                 | 4.047  | 56    | 49581    | 104.331  | ug/l       | 100      |
| 14) Acrylonitrile            | 5.557  | 53    | 208003   | 96.744   | ug/l       | 98       |
| 15) Acetone                  | 4.291  | 58    | 67576    | 106.935  | ug/l       | 77       |
| 16) Carbon Disulfide         | 4.540  | 76    | 258801   | 18.800   | ug/l       | 99       |
| 17) Allyl chloride           | 4.849  | 41    | 127146   | 19.704   | ug/l       | 91       |
| 18) Methylene Chloride       | 5.103  | 84    | 108823   | 18.875   | ug/l       | # 81     |
| 19) trans-1,2-Dichloroethene | 5.605  | 96    | 111400   | 18.971   | ug/l       | # 73     |
| 20) Diisopropyl ether        | 6.495  | 45    | 272363   | 19.313   | ug/l       | # 91     |
| 21) 1,1-Dichloroethane       | 6.391  | 63    | 182669   | 19.586   | ug/l       | 94       |
| 22) cis-1,2-Dichloroethene   | 7.329  | 96    | 131342   | 19.249   | ug/l       | # 77     |
| 23) tert-Butyl Alcohol       | 5.361  | 59    | 49349    | 62.534   | ug/l       | # 100    |
| 24) Methyl tert-Butyl Ether  | 5.618  | 73    | 332034   | 19.400   | ug/l       | # 88     |
| 25) Chloroform               | 7.820  | 83    | 217725   | 19.876   | ug/l       | 99       |
| 26) Cyclohexane              | 8.099  | 56    | 158219   | 19.367   | ug/l       | # 78     |
| 29) 1,1-Dichloropropene      | 8.225  | 75    | 150393   | 19.002   | ug/l       | 90       |
| 30) 2-Butanone               | 7.335  | 43    | 282444   | 99.745   | ug/l       | # 88     |
| 31) 2,2-Dichloropropane      | 7.329  | 77    | 174556   | 19.367   | ug/l       | 94       |
| 32) 1,1,1-Trichloroethane    | 8.019  | 97    | 205599   | 19.779   | ug/l       | 93       |
| 33) Carbon Tetrachloride     | 8.212  | 117   | 184295   | 19.189   | ug/l       | 95       |
| 34) Benzene                  | 8.464  | 78    | 450711   | 19.266   | ug/l       | # 92     |
| 35) Methacrylonitrile        | 7.635  | 41    | 54953    | 19.865   | ug/l       | 84       |
| 36) 1,2-Dichloroethane       | 8.534  | 62    | 154424   | 19.714   | ug/l       | # 93     |
| 37) Trichloroethene          | 9.218  | 130   | 143157   | 19.144   | ug/l       | # 75     |
| 38) Methylcyclohexane        | 9.464  | 83    | 199463   | 19.414   | ug/l       | 85       |
| 39) 1,2-Dichloropropane      | 9.491  | 63    | 106256   | 19.159   | ug/l       | 99       |
| 40) Dibromomethane           | 9.577  | 93    | 85659    | 19.518   | ug/l       | 79       |
| 41) Bromodichloromethane     | 9.765  | 83    | 167197   | 19.719   | ug/l       | # 98     |
| 42) Vinyl Acetate            | 6.436  | 43    | 1021943  | 95.422   | ug/l       | # 91     |

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 Operator : JC/MD  
 Sample : VN0908WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

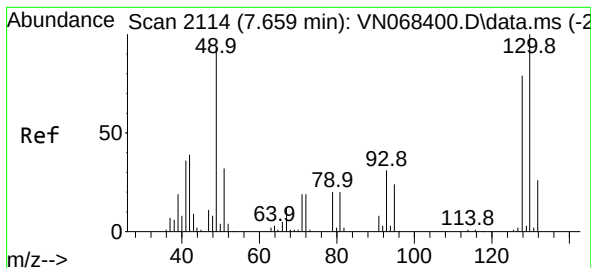
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0908WBS01

Quant Time: Sep 09 03:30:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 03 13:24:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.415  | 43   | 110570   | 19.637  | ug/l # | 70       |
| 44) Isopropyl Acetate         | 8.560  | 43   | 198340   | 19.389  | ug/l   | 91       |
| 45) 1,4-Dioxane               | 9.569  | 88   | 37060    | 405.288 | ug/l # | 83       |
| 46) Methyl methacrylate       | 9.561  | 41   | 78009    | 18.037  | ug/l   | 83       |
| 47) n-amyl Acetate            | 12.390 | 43   | 124328   | 17.764  | ug/l   | 91       |
| 48) t-1,3-Dichloropropene     | 10.719 | 75   | 157519   | 18.876  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 10.191 | 75   | 174361   | 18.944  | ug/l # | 82       |
| 50) 1,1,2-Trichloroethane     | 10.899 | 97   | 121255   | 19.585  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 10.762 | 69   | 150700   | 18.932  | ug/l   | 82       |
| 52) 1,3-Dichloropropane       | 11.047 | 76   | 181686   | 19.436  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.240 | 129  | 142320   | 19.074  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.347 | 107  | 123699   | 19.115  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 10.044 | 63   | 51184    | 94.596  | ug/l # | 90       |
| 56) Bromoform                 | 12.463 | 173  | 101129   | 17.711  | ug/l # | 100      |
| 58) 4-Methyl-2-Pentanone      | 10.333 | 43   | 567666   | 99.304  | ug/l # | 89       |
| 59) 2-Hexanone                | 11.087 | 43   | 391625   | 98.719  | ug/l   | 89       |
| 61) Tetrachloroethene         | 10.980 | 164  | 144618   | 19.041  | ug/l   | 90       |
| 62) Toluene                   | 10.508 | 91   | 529949   | 19.661  | ug/l   | 98       |
| 64) Chlorobenzene             | 11.773 | 112  | 327400   | 18.840  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 131806   | 18.944  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.846 | 91   | 552486   | 19.042  | ug/l   | 92       |
| 67) m/p-Xylenes               | 11.956 | 106  | 458960   | 38.579  | ug/l   | 78       |
| 68) o-Xylene                  | 12.283 | 106  | 219864   | 19.080  | ug/l   | 77       |
| 69) Styrene                   | 12.296 | 104  | 336776   | 18.512  | ug/l # | 90       |
| 70) Isopropylbenzene          | 12.581 | 105  | 565577   | 19.056  | ug/l   | 94       |
| 71) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 149303   | 19.671  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.881 | 75   | 171381   | 27.543  | ug/l   | 67       |
| 73) Bromobenzene              | 12.862 | 156  | 149574   | 18.210  | ug/l   | 54       |
| 74) n-propylbenzene           | 12.921 | 91   | 599769   | 18.708  | ug/l   | 88       |
| 75) 2-Chlorotoluene           | 13.010 | 91   | 366719   | 19.275  | ug/l # | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 466895   | 19.014  | ug/l   | 92       |
| 77) t-1,4-Dichloro-2-butene   | 12.629 | 75   | 34898    | 18.499  | ug/l   | 83       |
| 78) 4-Chlorotoluene           | 13.106 | 91   | 350151   | 18.771  | ug/l   | 83       |
| 79) tert-butylbenzene         | 13.326 | 119  | 424011   | 18.888  | ug/l   | 80       |
| 80) 1,2,4-Trimethylbenzene    | 13.503 | 105  | 554790   | 23.261  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.503 | 105  | 554790   | 18.409  | ug/l   | 90       |
| 82) p-Isopropyltoluene        | 13.619 | 119  | 468729   | 18.073  | ug/l   | 90       |
| 83) 1,3-Dichlorobenzene       | 13.616 | 146  | 257715   | 17.768  | ug/l   | 91       |
| 84) 1,4-Dichlorobenzene       | 13.696 | 146  | 238646   | 17.066  | ug/l   | 92       |
| 85) n-Butylbenzene            | 13.943 | 91   | 322731   | 16.689  | ug/l   | 95       |
| 86) Hexachloroethane          | 14.211 | 117  | 79324    | 18.081  | ug/l   | 74       |
| 87) 1,2-Dichlorobenzene       | 13.991 | 146  | 246828   | 17.903  | ug/l   | 92       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.606 | 75   | 25295    | 19.255  | ug/l # | 34       |
| 89) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 111828   | 15.100  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 15.373 | 225  | 73695    | 16.933  | ug/l   | 98       |
| 91) Naphthalene               | 15.507 | 128  | 210358   | 13.437  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.703 | 180  | 103646   | 14.714  | ug/l   | 95       |

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

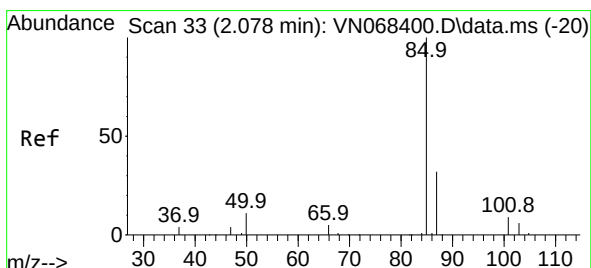
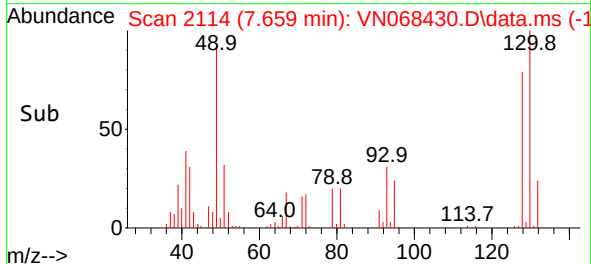
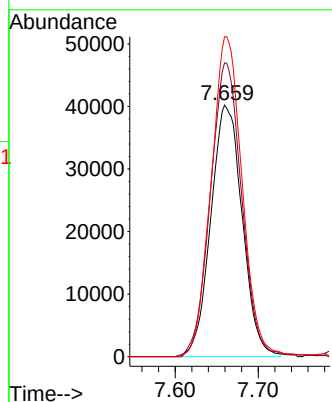
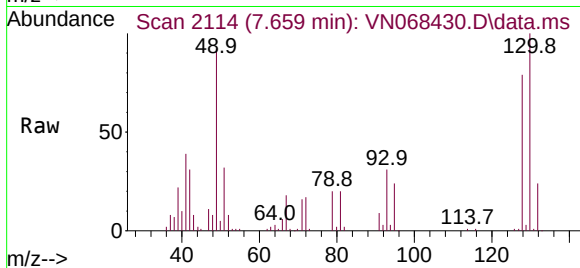




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

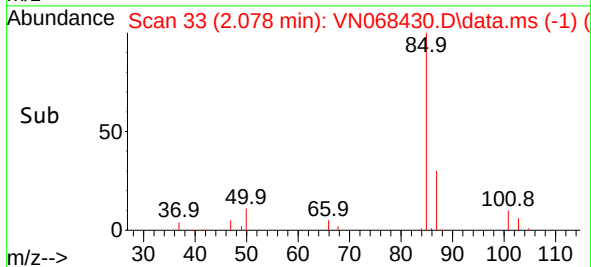
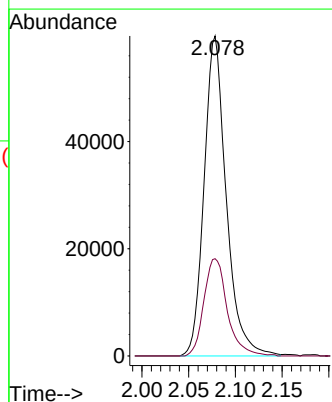
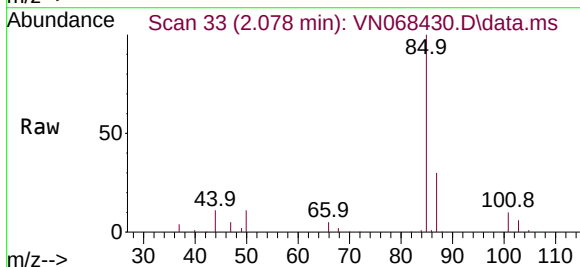
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

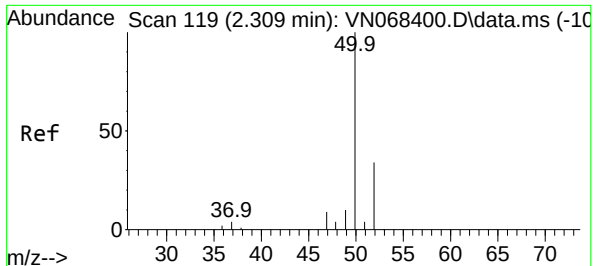
Tgt Ion:128 Resp: 105611  
Ion Ratio Lower Upper  
128 100  
49 116.4 0.0 517.5  
130 125.4 0.0 325.8



#2  
Dichlorodifluoromethane  
Concen: 18.446 ug/l  
RT: 2.078 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 85 Resp: 98638  
Ion Ratio Lower Upper  
85 100  
87 30.4 15.7 47.0

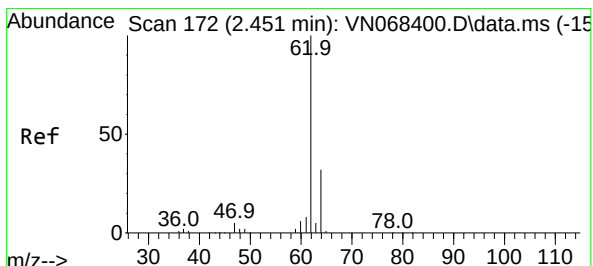
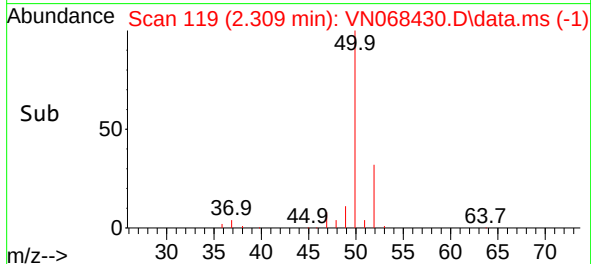
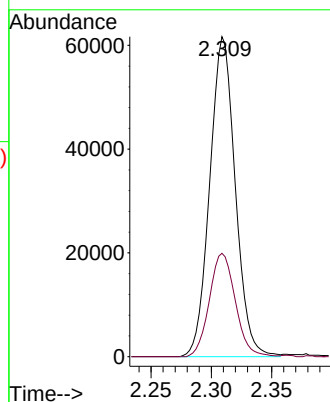
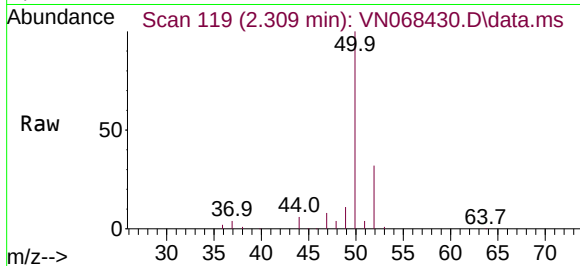




#3  
Chloromethane  
Concen: 18.781 ug/l  
RT: 2.309 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

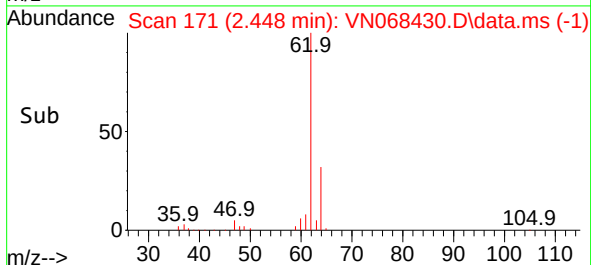
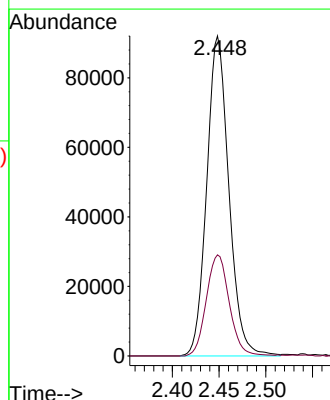
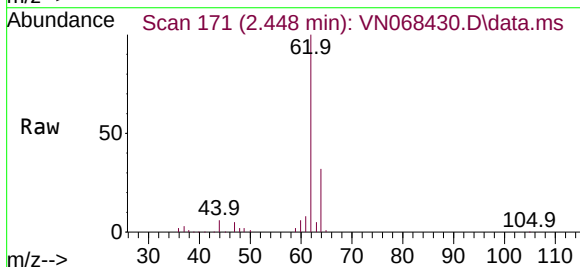
Instrument :  
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ClientSampleId :  
VN0908WBS01

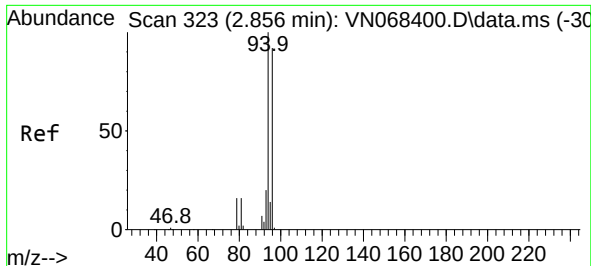
Tgt Ion: 50 Resp: 90869  
Ion Ratio Lower Upper  
50 100  
52 32.3 26.0 39.0



#4  
Vinyl Chloride  
Concen: 21.017 ug/l  
RT: 2.448 min Scan# 171  
Delta R.T. -0.002 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 62 Resp: 151527  
Ion Ratio Lower Upper  
62 100  
64 31.6 23.7 35.5

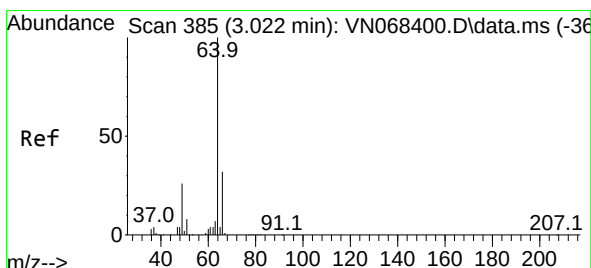
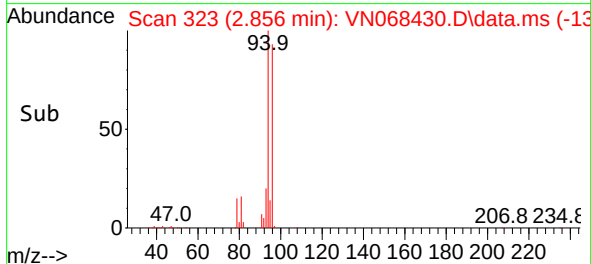
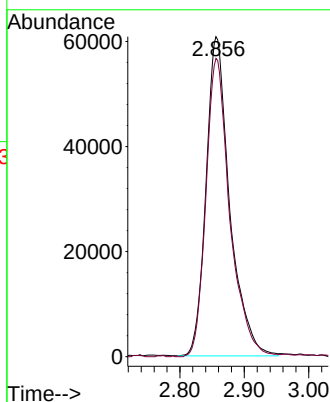
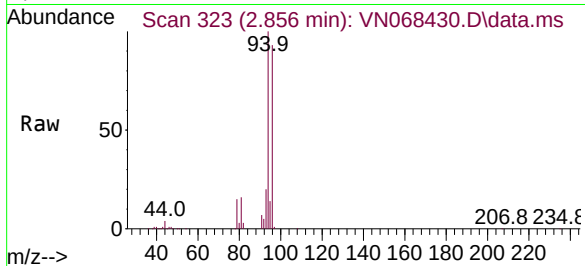




#5  
Bromomethane  
Concen: 23.446 ug/l  
RT: 2.856 min Scan# 323  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

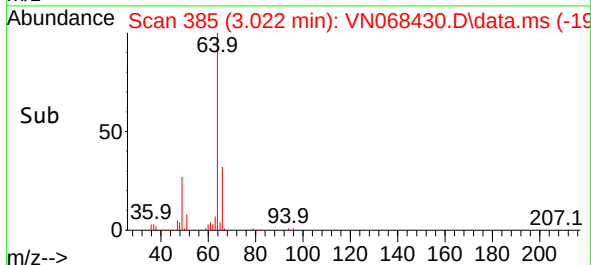
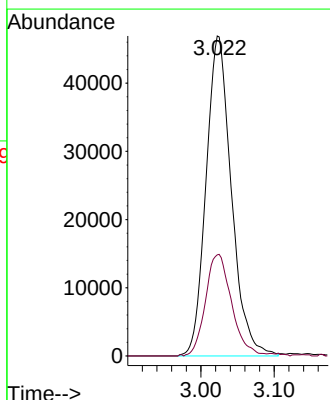
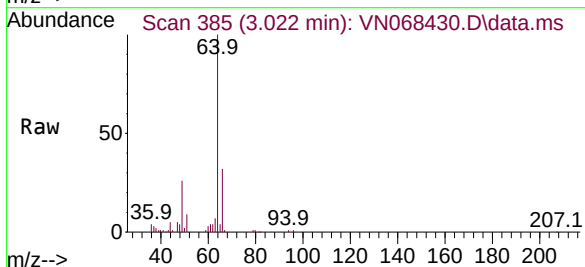
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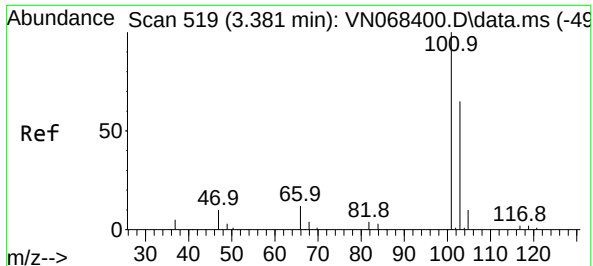
Tgt Ion: 94 Resp: 154995  
Ion Ratio Lower Upper  
94 100  
96 93.4 69.4 104.2



#6  
Chloroethane  
Concen: 21.880 ug/l  
RT: 3.022 min Scan# 385  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 64 Resp: 112533  
Ion Ratio Lower Upper  
64 100  
66 31.6 21.5 32.3

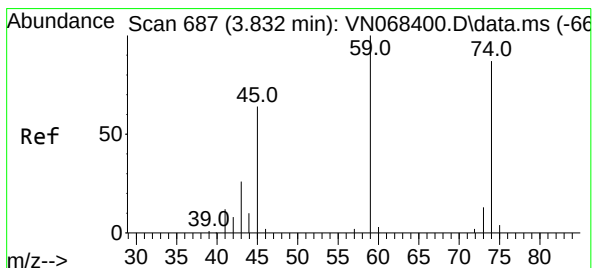
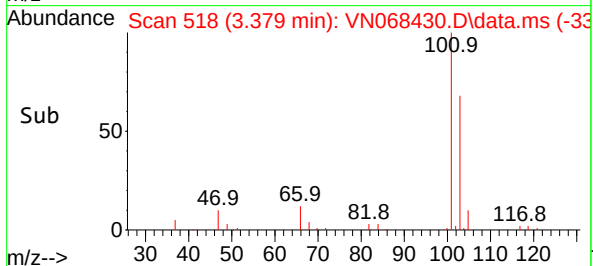
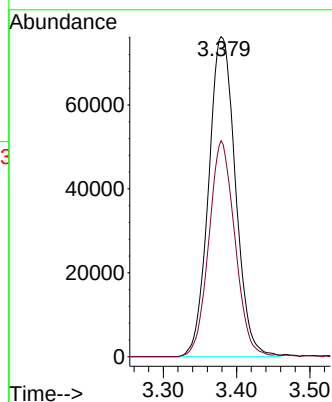
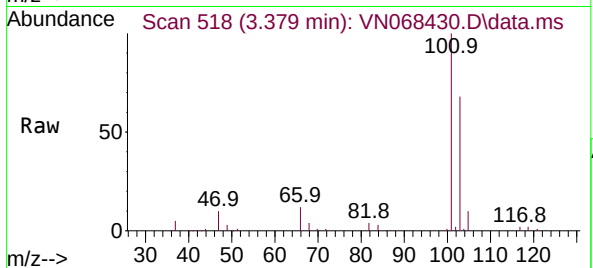




#7  
Trichlorofluoromethane  
Concen: 19.725 ug/l  
RT: 3.379 min Scan# 518  
Delta R.T. -0.002 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

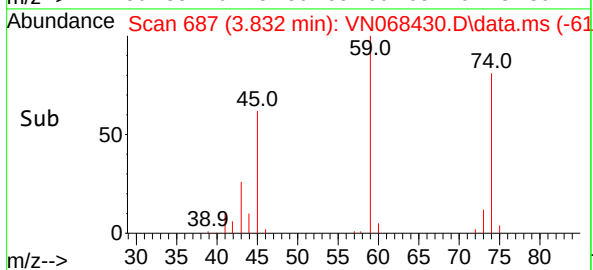
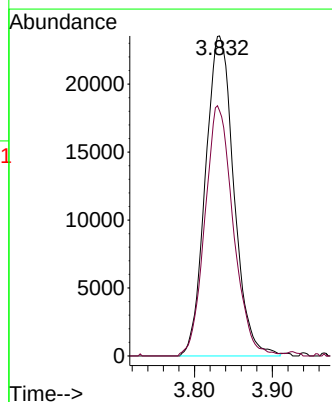
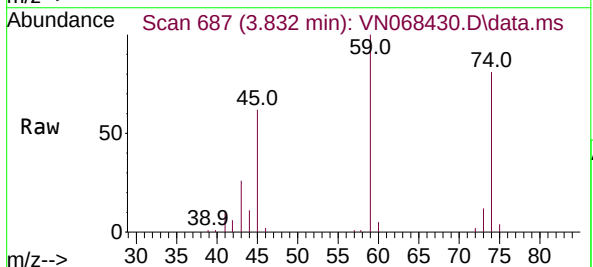
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

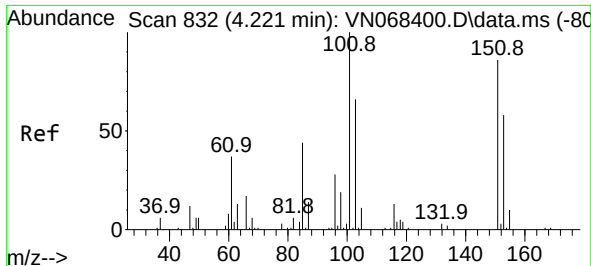
Tgt Ion:101 Resp: 194512  
Ion Ratio Lower Upper  
101 100  
103 67.3 53.7 80.5



#8  
Diethyl Ether  
Concen: 19.086 ug/l  
RT: 3.832 min Scan# 687  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 74 Resp: 59785  
Ion Ratio Lower Upper  
74 100  
45 77.8 20.3 182.5

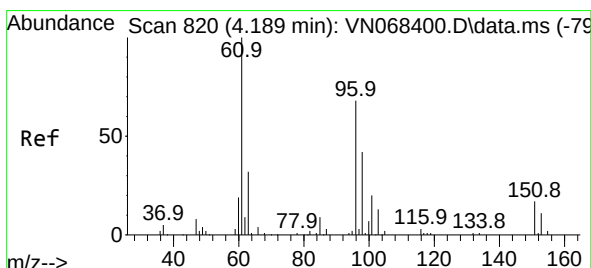
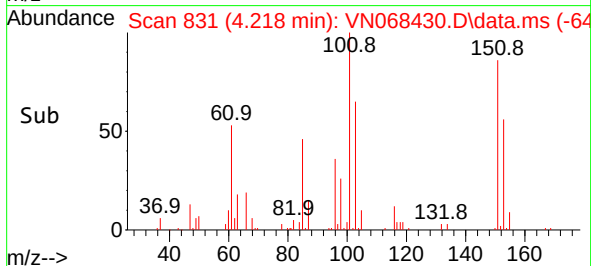
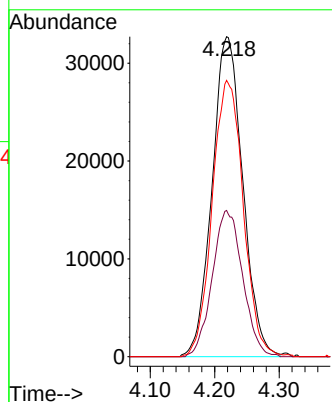
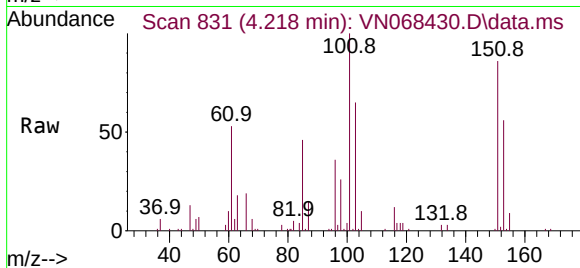




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.292 ug/l  
RT: 4.218 min Scan# 831  
Delta R.T. -0.002 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

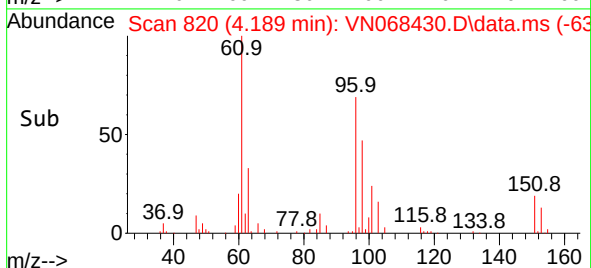
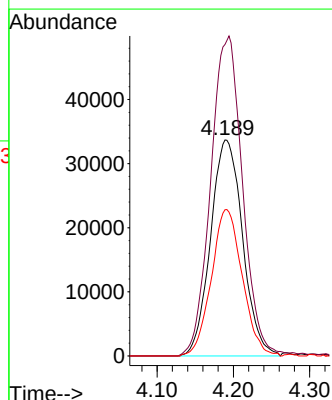
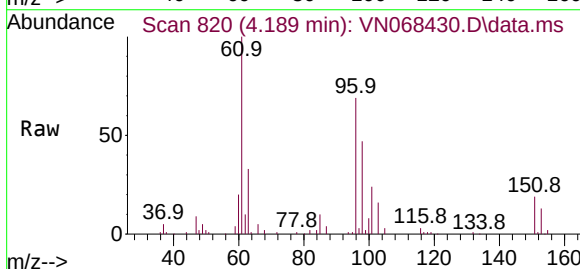
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

Tgt Ion:101 Resp: 108166  
Ion Ratio Lower Upper  
101 100  
85 45.2 0.0 97.8  
151 87.2 0.0 135.0

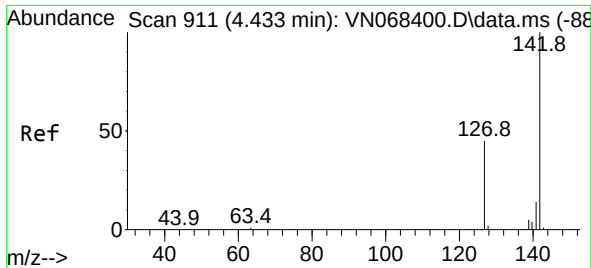


#10  
1,1-Dichloroethene  
Concen: 18.672 ug/l  
RT: 4.189 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 96 Resp: 98363  
Ion Ratio Lower Upper  
96 100  
61 143.8 148.3 222.5#  
98 67.7 48.6 73.0



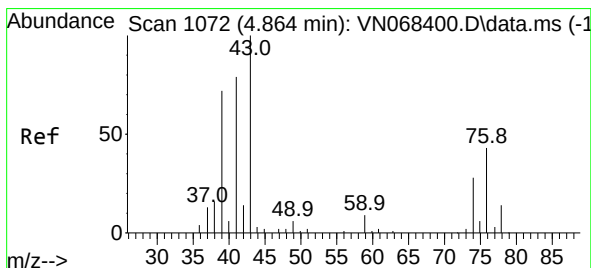
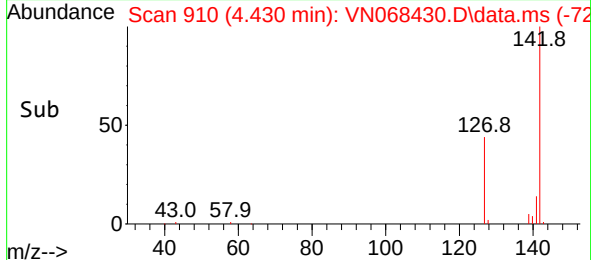
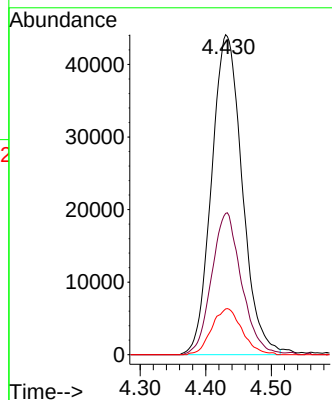
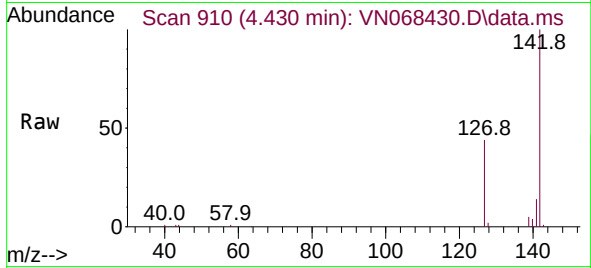




#11  
Methyl Iodide  
Concen: 16.867 ug/l  
RT: 4.430 min Scan# 910  
Delta R.T. -0.002 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

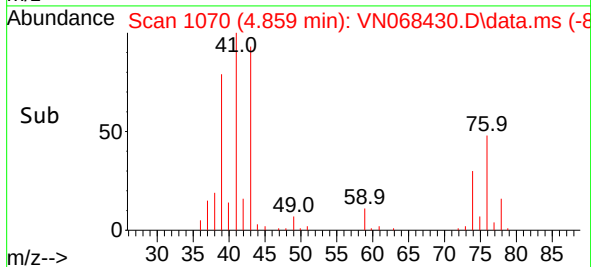
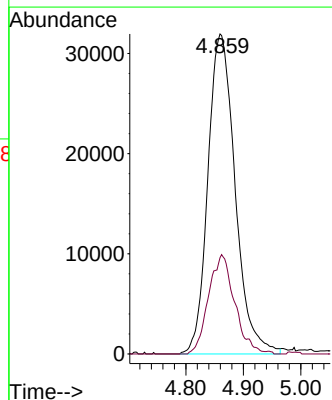
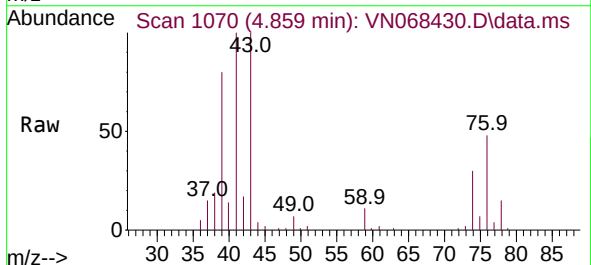
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

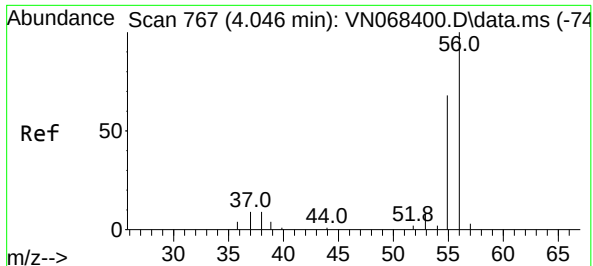
Tgt Ion:142 Resp: 142943  
Ion Ratio Lower Upper  
142 100  
127 44.1 27.2 81.5  
141 14.4 6.9 20.7



#12  
Methyl Acetate  
Concen: 19.833 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. -0.005 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 43 Resp: 105156  
Ion Ratio Lower Upper  
43 100  
74 30.5 16.6 25.0#

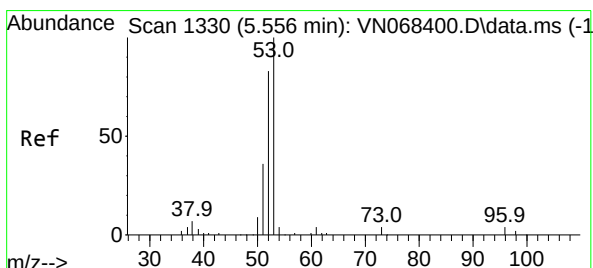
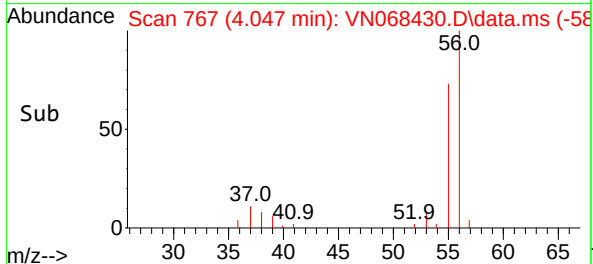
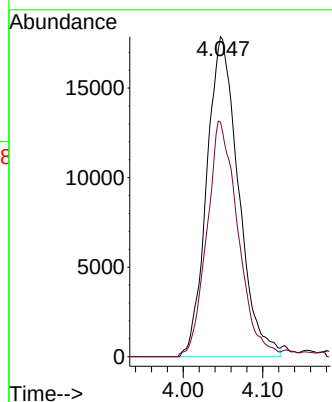
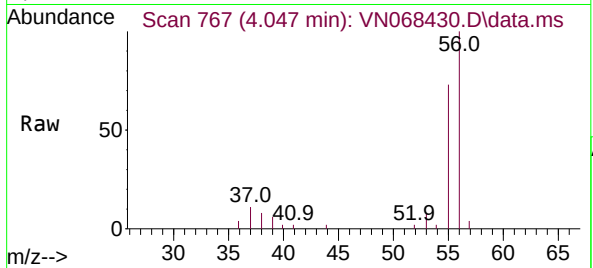




#13  
Acrolein  
Concen: 104.331 ug/l  
RT: 4.047 min Scan# 767  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

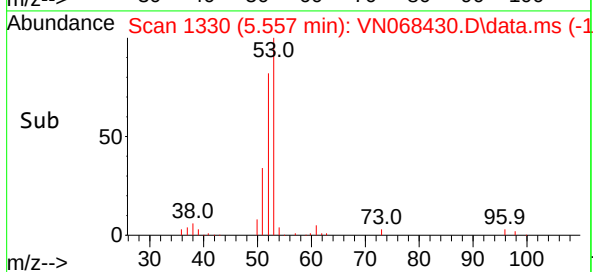
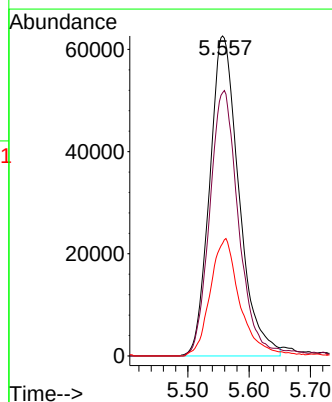
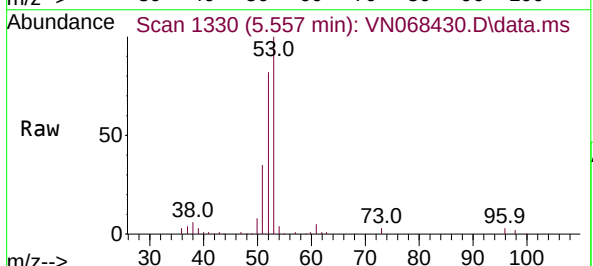
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

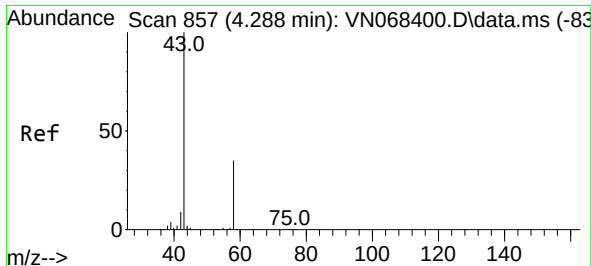
Tgt Ion: 56 Resp: 49581  
Ion Ratio Lower Upper  
56 100  
55 72.1 57.5 86.3



#14  
Acrylonitrile  
Concen: 96.744 ug/l  
RT: 5.557 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 53 Resp: 208003  
Ion Ratio Lower Upper  
53 100  
52 81.0 41.8 125.4  
51 36.8 18.1 54.3

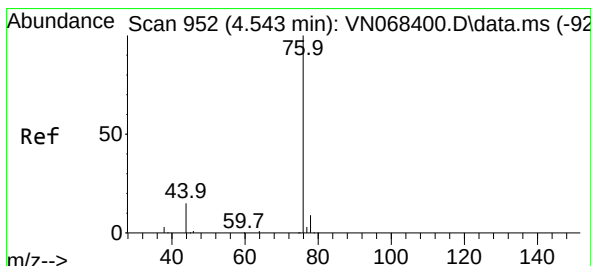
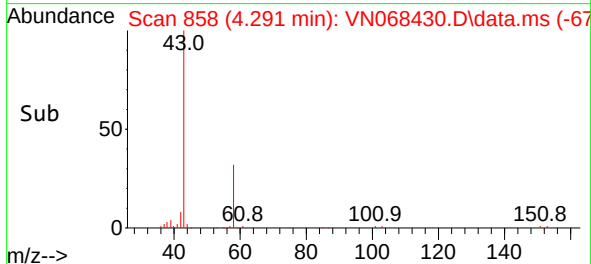
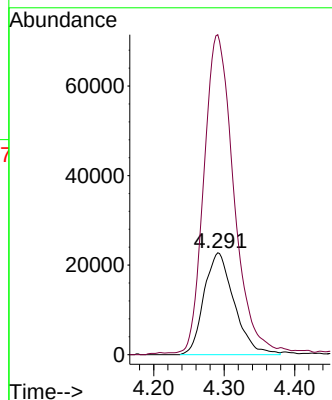
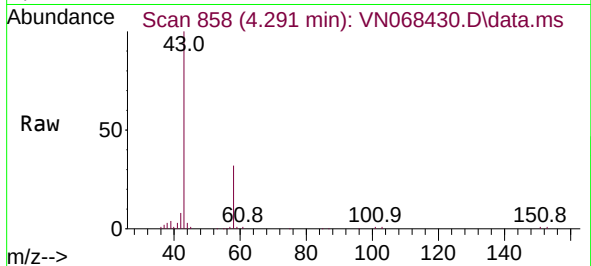




#15  
Acetone  
Concen: 106.935 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

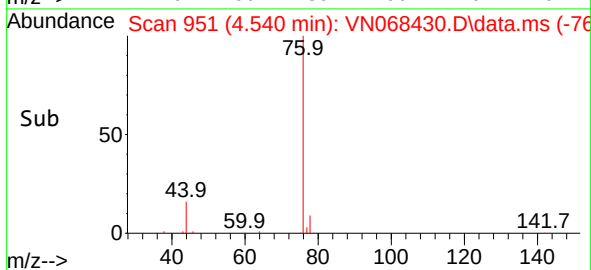
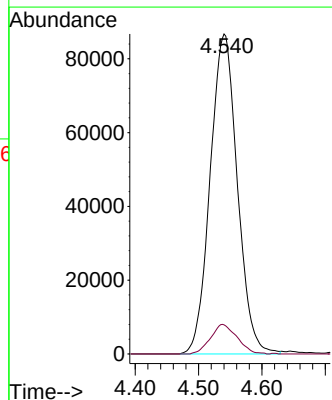
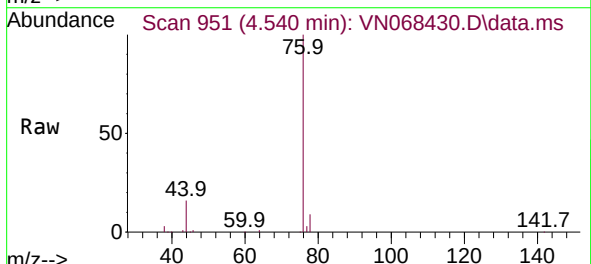
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

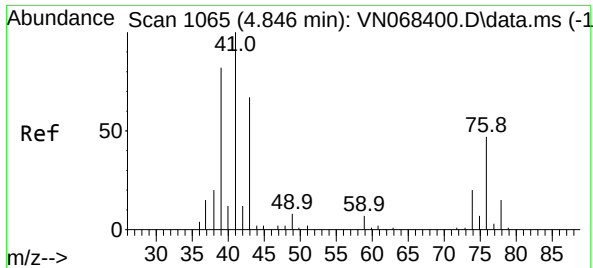
Tgt Ion: 58 Resp: 67576  
Ion Ratio Lower Upper  
58 100  
43 310.8 289.6 434.4



#16  
Carbon Disulfide  
Concen: 18.800 ug/l  
RT: 4.540 min Scan# 951  
Delta R.T. -0.002 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 76 Resp: 258801  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.4





#17

Allyl chloride

Concen: 19.704 ug/l

RT: 4.849 min Scan# 1066

Delta R.T. 0.003 min

Lab File: VN068430.D

Acq: 8 Sep 2021 10:36

Tgt Ion: 41 Resp: 127146

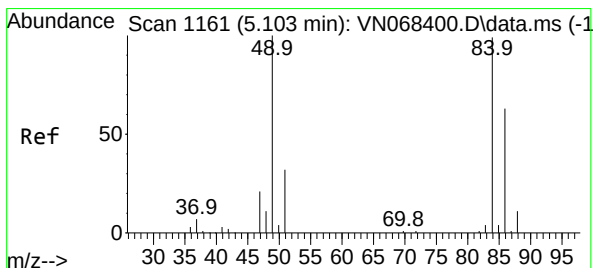
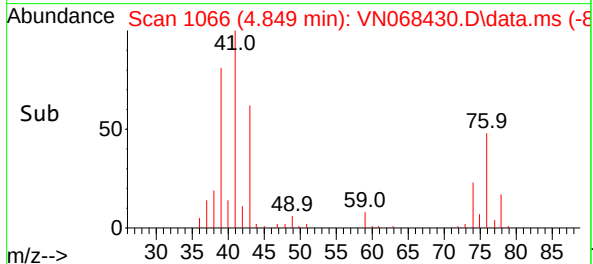
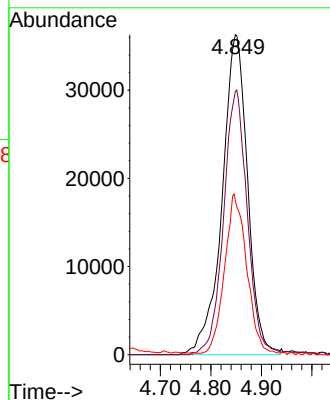
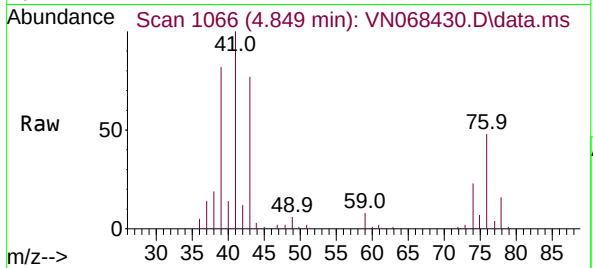
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 82.3  | 39.8  | 119.4 |
| 76  | 47.5  | 16.8  | 50.4  |

Instrument :

MSVOA\_N

ClientSampleId :

VN0908WBS01



#18

Methylene Chloride

Concen: 18.875 ug/l

RT: 5.103 min Scan# 1161

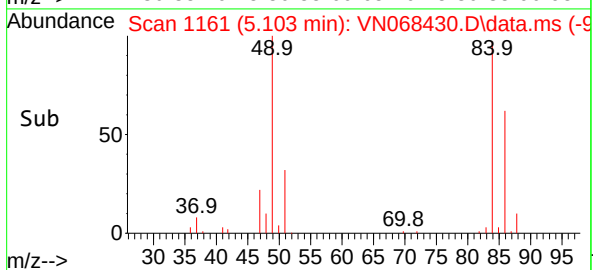
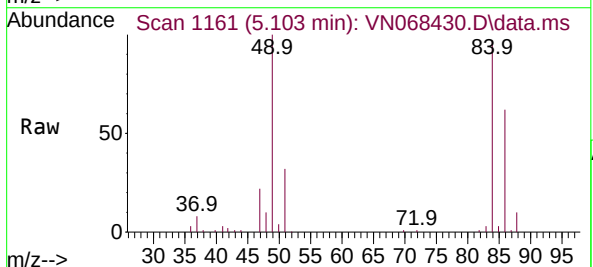
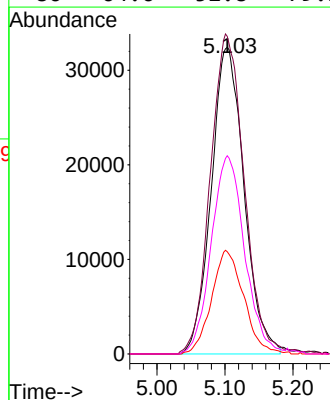
Delta R.T. 0.000 min

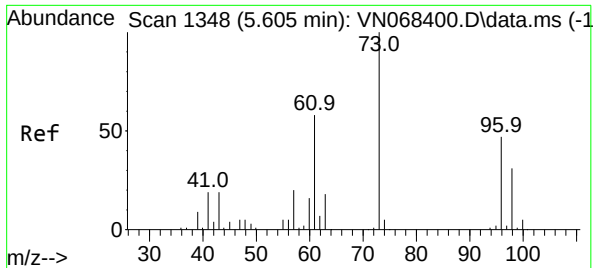
Lab File: VN068430.D

Acq: 8 Sep 2021 10:36

Tgt Ion: 84 Resp: 108823

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 102.8 | 110.9 | 166.3# |
| 51  | 33.4  | 31.2  | 46.8   |
| 86  | 64.6  | 52.8  | 79.2   |

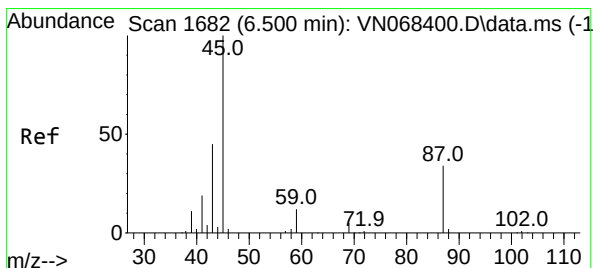
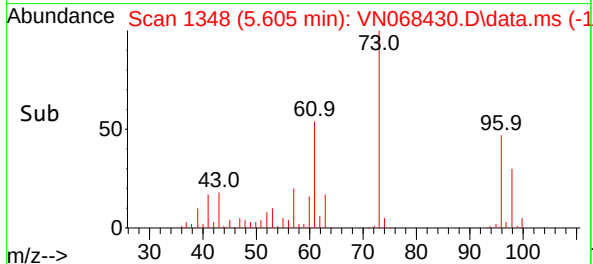
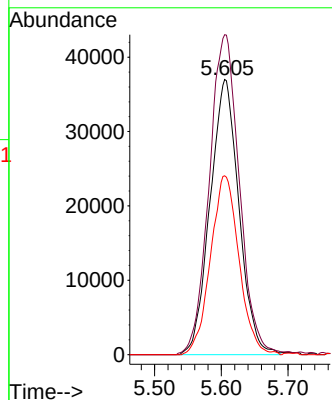
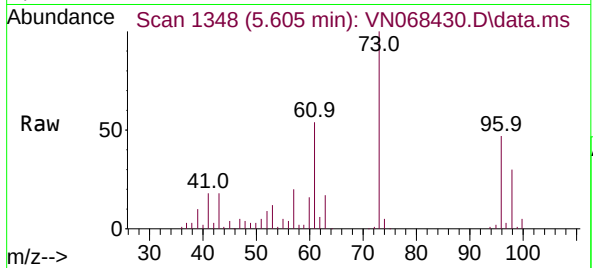




#19  
trans-1,2-Dichloroethene  
Concen: 18.971 ug/l  
RT: 5.605 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

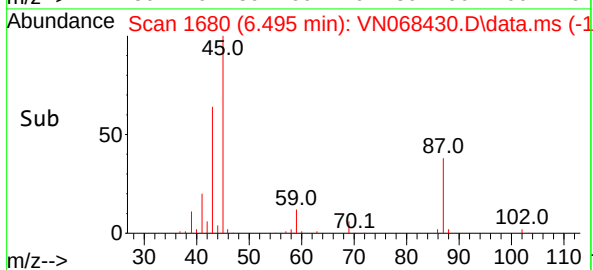
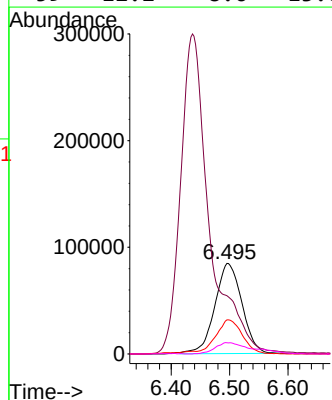
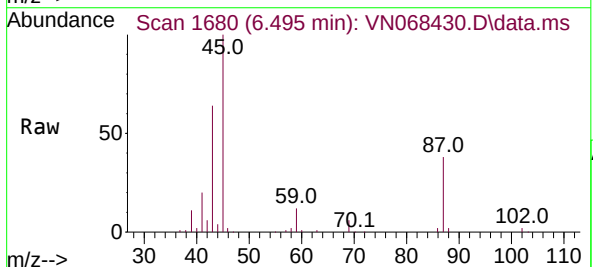
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0908WBS01

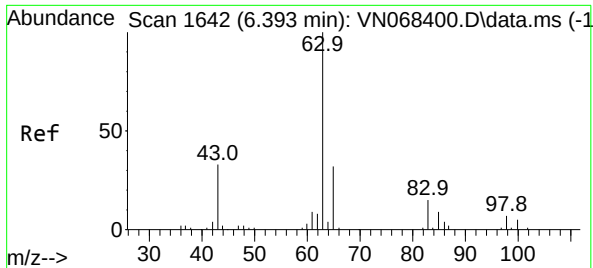
Tgt Ion: 96 Resp: 111400  
Ion Ratio Lower Upper  
96 100  
61 115.6 129.3 193.9#  
98 65.0 48.0 72.0



#20  
Diisopropyl ether  
Concen: 19.313 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. -0.005 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 45 Resp: 272363  
Ion Ratio Lower Upper  
45 100  
43 62.2 48.1 72.1  
87 37.8 19.8 29.6#  
59 12.2 8.6 13.0

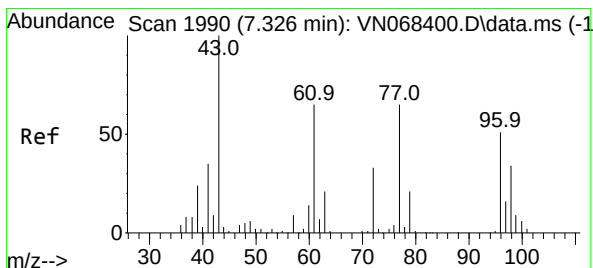
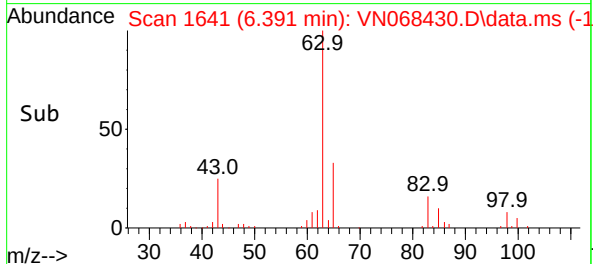
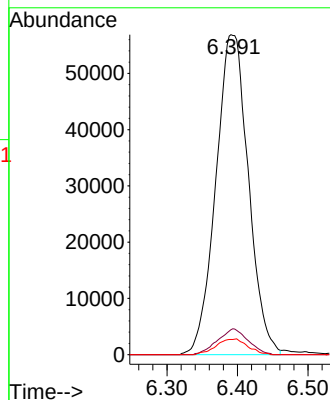
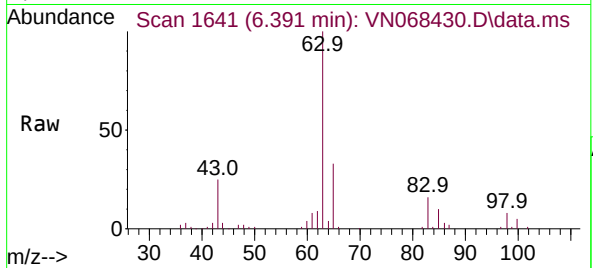




#21  
1,1-Dichloroethane  
Concen: 19.586 ug/l  
RT: 6.391 min Scan# 1641  
Delta R.T. -0.002 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

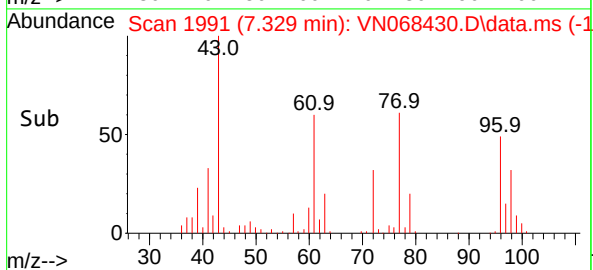
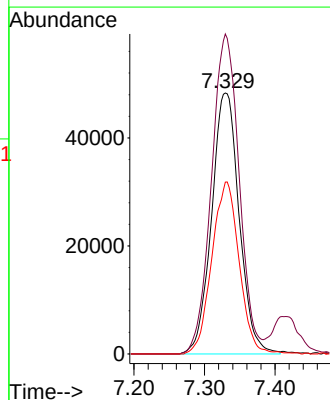
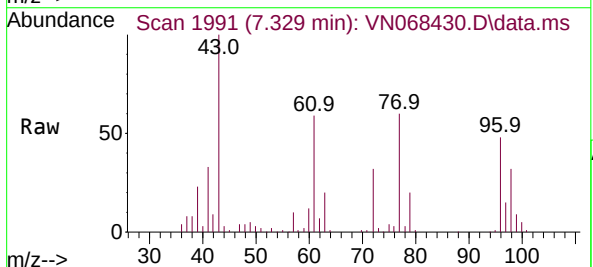
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

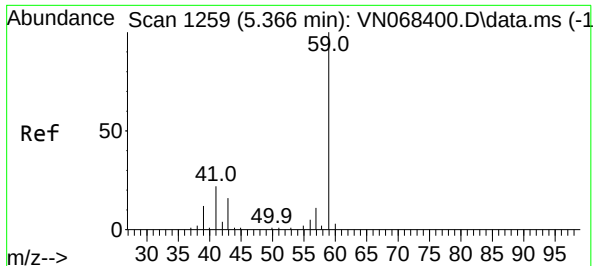
Tgt Ion: 63 Resp: 182669  
Ion Ratio Lower Upper  
63 100  
98 7.8 2.7 8.1  
100 4.7 1.8 5.3



#22  
cis-1,2-Dichloroethene  
Concen: 19.249 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 96 Resp: 131342  
Ion Ratio Lower Upper  
96 100  
61 123.2 131.2 196.8#  
98 65.0 50.7 76.1



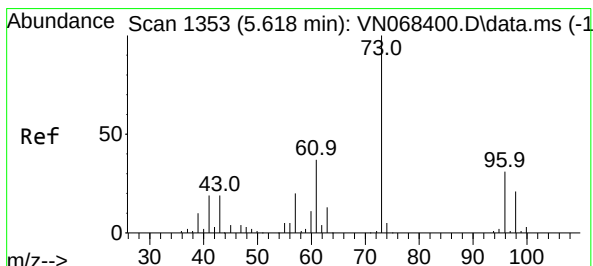
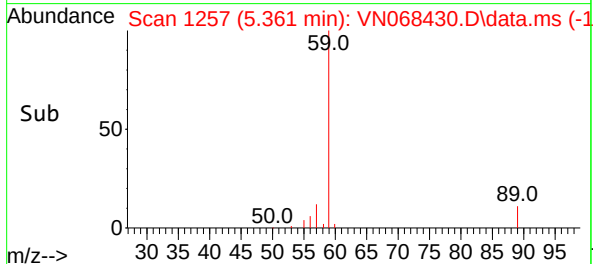
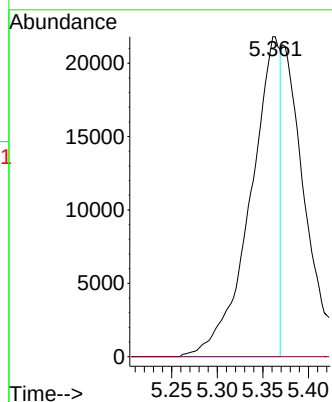
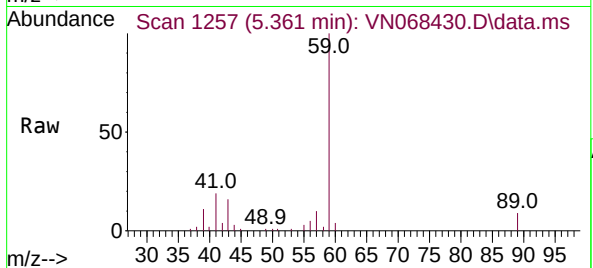


#23

tert-Butyl Alcohol  
Concen: 62.534 ug/l  
RT: 5.361 min Scan# 1257  
Delta R.T. -0.005 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0908WBS01

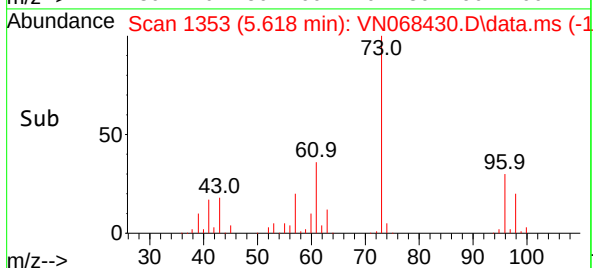
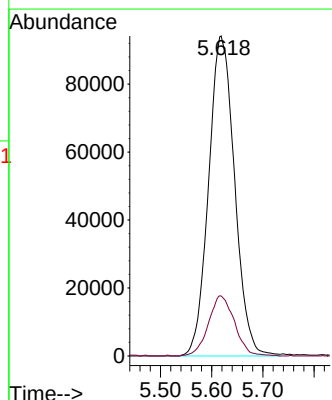
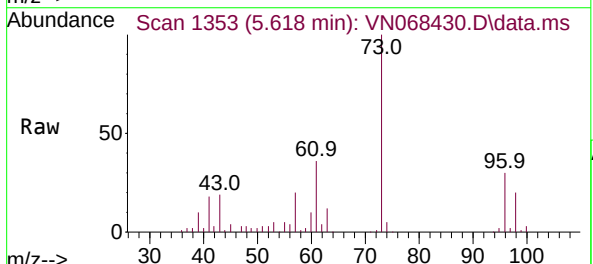
Tgt Ion: 59 Resp: 49349  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.1 0.1#

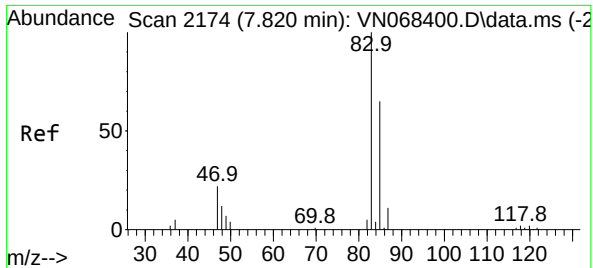


#24

Methyl tert-Butyl Ether  
Concen: 19.400 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 73 Resp: 332034  
Ion Ratio Lower Upper  
73 100  
43 18.9 20.0 30.0#

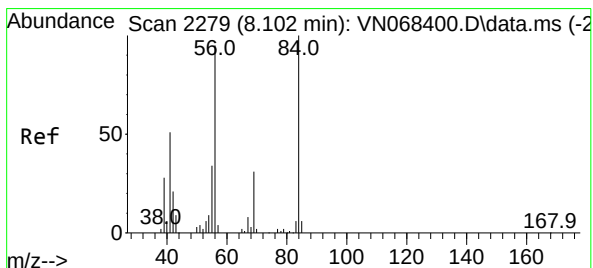
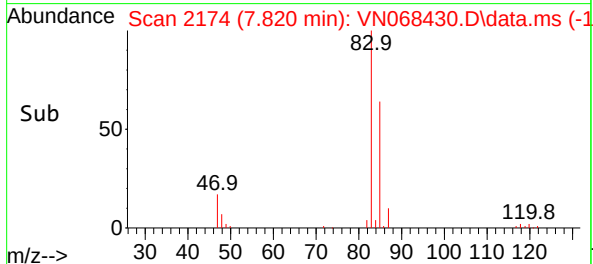
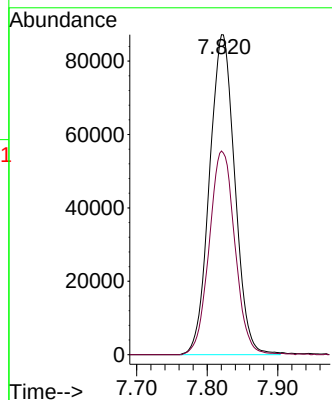
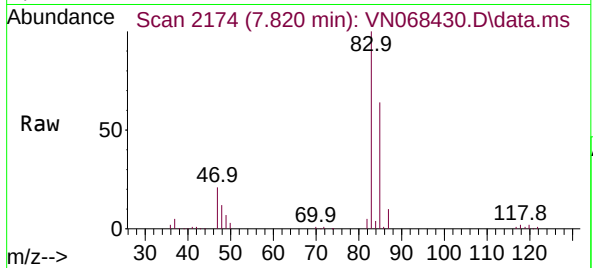




#25  
Chloroform  
Concen: 19.876 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

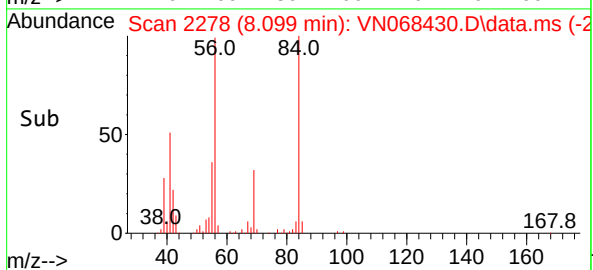
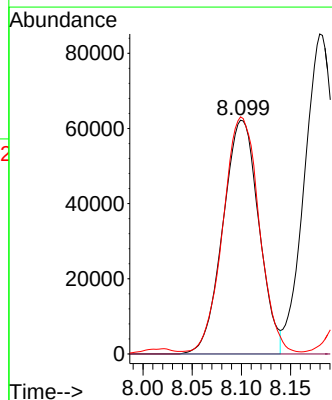
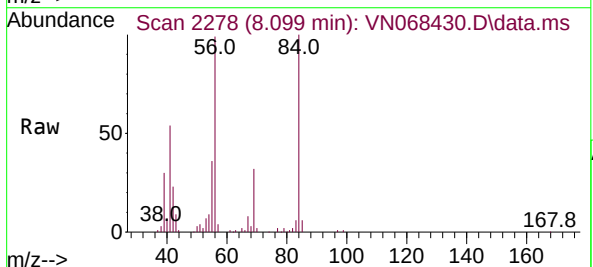
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0908WBS01

Tgt Ion: 83 Resp: 217725  
Ion Ratio Lower Upper  
83 100  
85 63.7 51.5 77.3

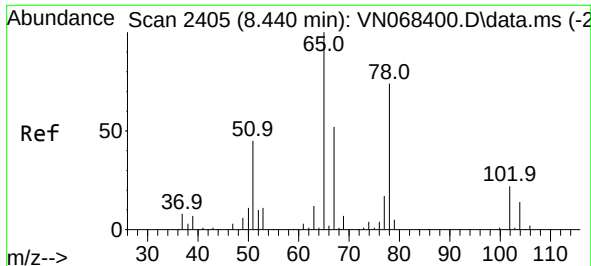


#26  
Cyclohexane  
Concen: 19.367 ug/l  
RT: 8.099 min Scan# 2278  
Delta R.T. -0.002 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 56 Resp: 158219  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 102.6 66.2 99.2#





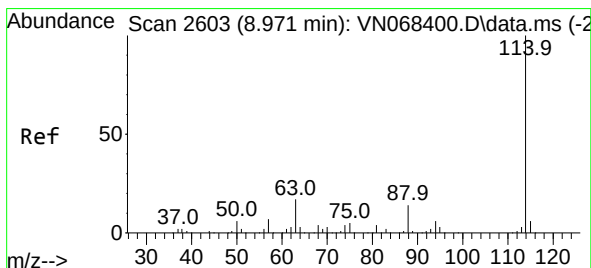
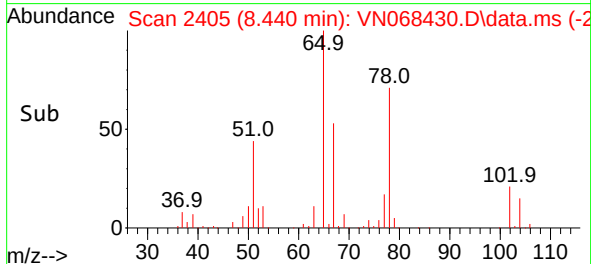
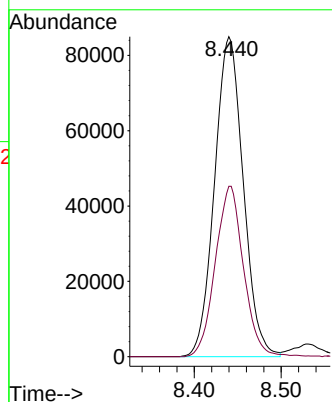
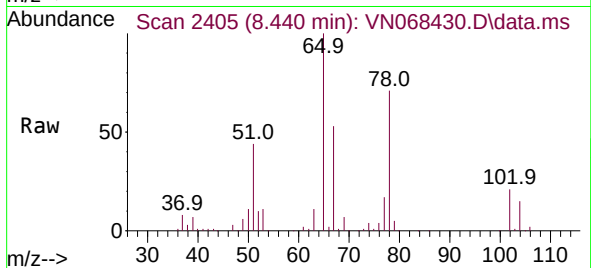


#27

1,2-Dichloroethane-d4  
Concen: 31.157 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0908WBS01

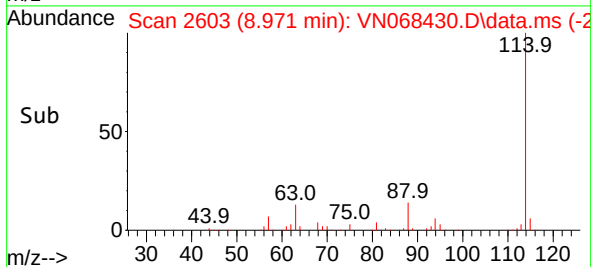
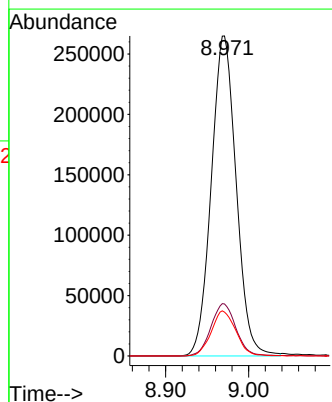
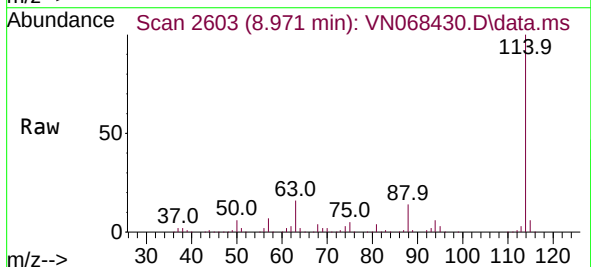
Tgt Ion: 65 Resp: 195084  
Ion Ratio Lower Upper  
65 100  
67 52.2 39.8 59.8

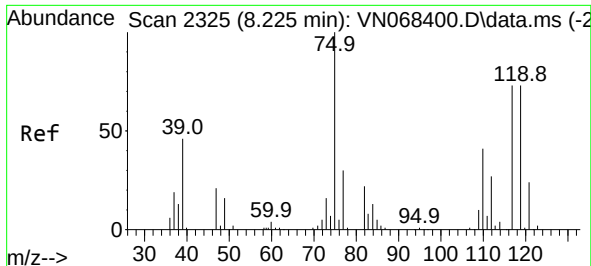


#28

1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 114 Resp: 551688  
Ion Ratio Lower Upper  
114 100  
63 16.3 20.3 30.5#  
88 13.9 14.6 22.0#



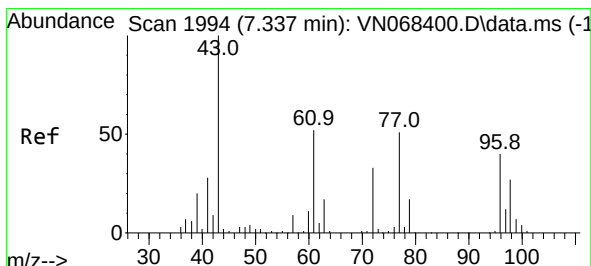
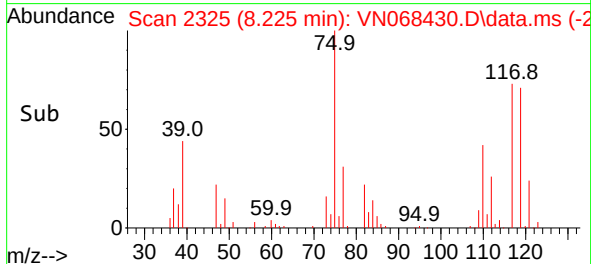
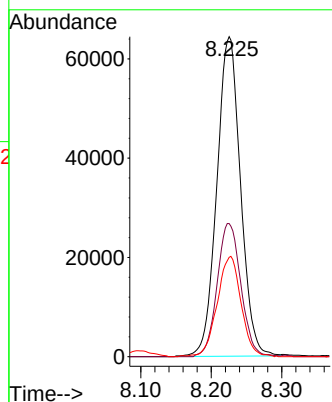
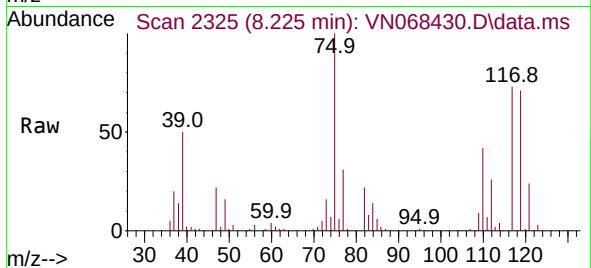


#29

1,1-Dichloropropene  
Concen: 19.002 ug/l  
RT: 8.225 min Scan# 2325  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

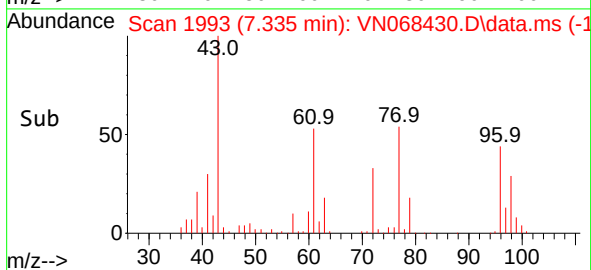
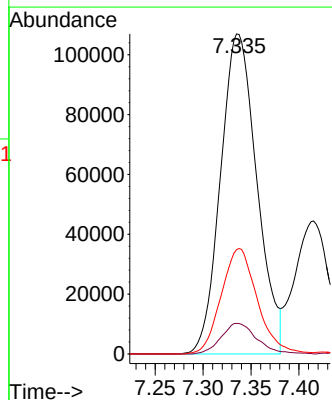
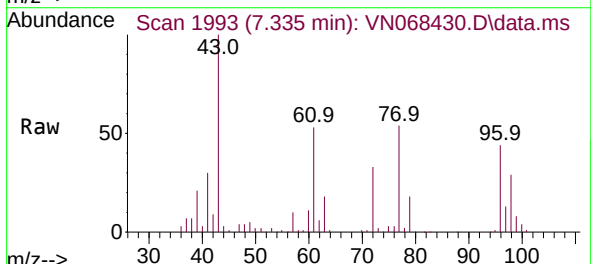
Tgt Ion: 75 Resp: 150393  
Ion Ratio Lower Upper  
75 100  
110 41.8 0.0 63.4  
77 30.7 0.0 63.0

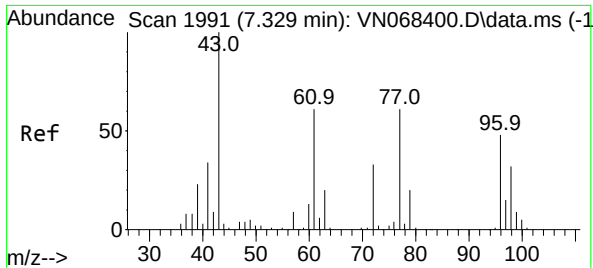


#30

2-Butanone  
Concen: 99.745 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. -0.002 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 43 Resp: 282444  
Ion Ratio Lower Upper  
43 100  
57 9.4 6.9 10.3  
72 32.7 20.0 30.0#

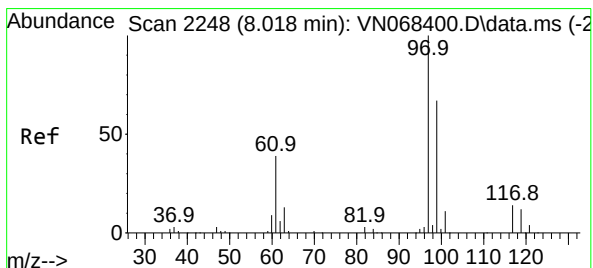
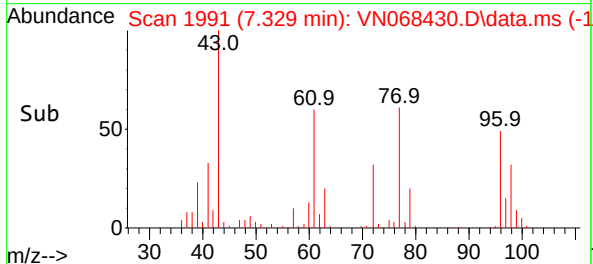
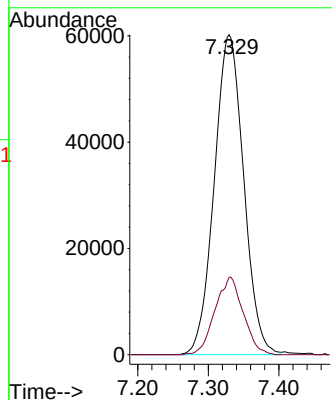
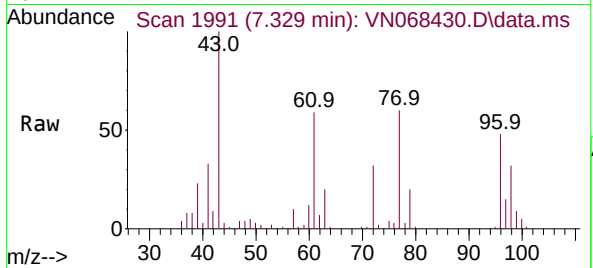




#31  
2,2-Dichloropropane  
Concen: 19.367 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

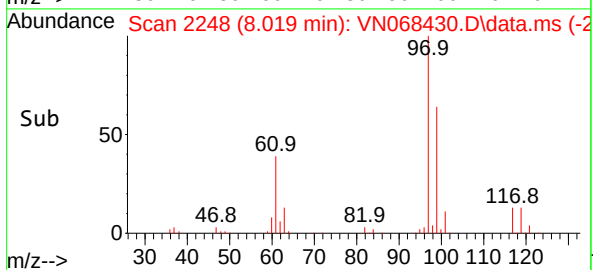
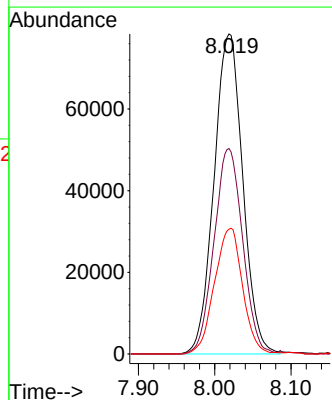
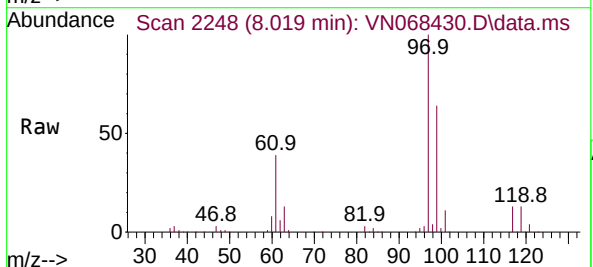
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0908WBS01

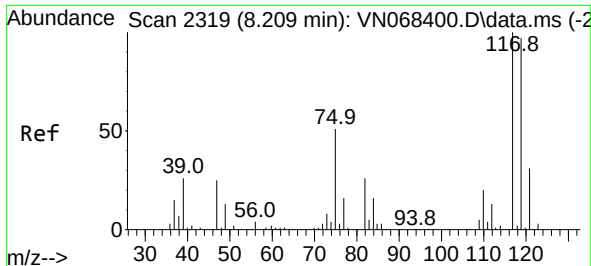
Tgt Ion: 77 Resp: 174556  
Ion Ratio Lower Upper  
77 100  
97 23.2 16.3 24.5



#32  
1,1,1-Trichloroethane  
Concen: 19.779 ug/l  
RT: 8.019 min Scan# 2248  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 97 Resp: 205599  
Ion Ratio Lower Upper  
97 100  
99 63.8 49.7 74.5  
61 38.3 38.0 57.0

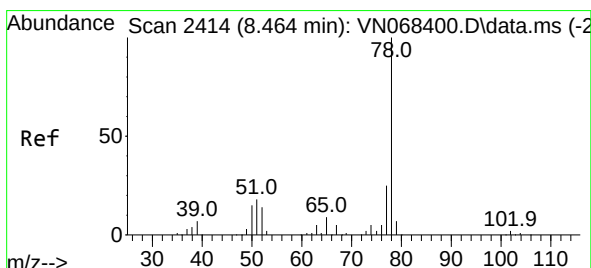
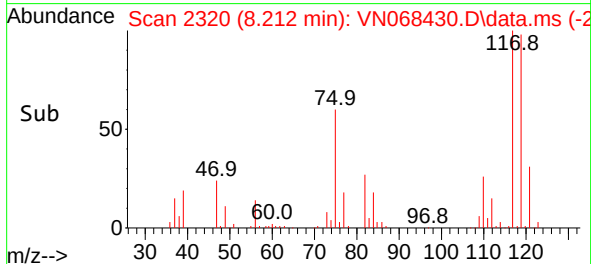
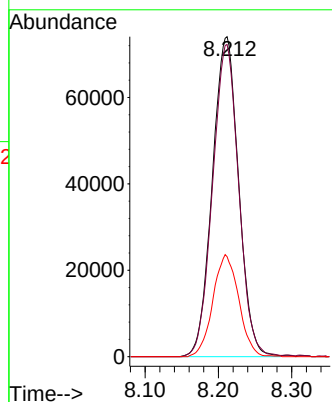
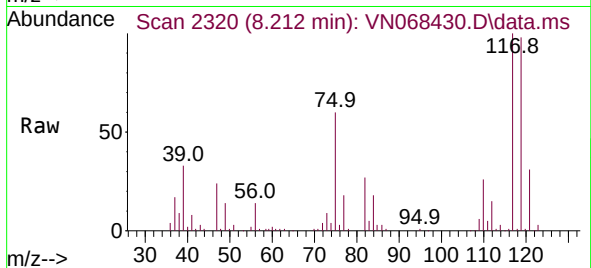




#33  
Carbon Tetrachloride  
Concen: 19.189 ug/l  
RT: 8.212 min Scan# 2320  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

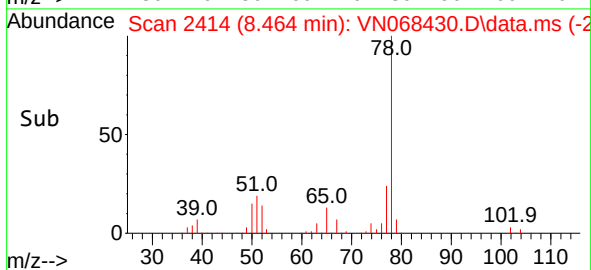
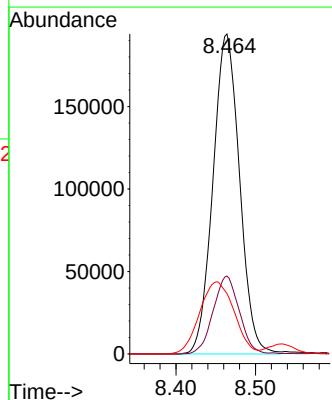
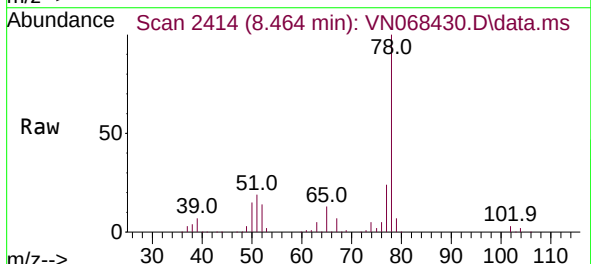
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

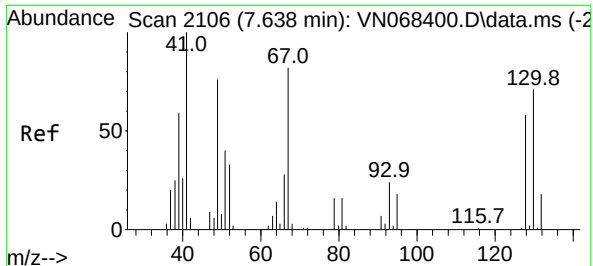
Tgt Ion:117 Resp: 184295  
Ion Ratio Lower Upper  
117 100  
119 97.5 73.3 109.9  
121 31.3 24.2 36.4



#34  
Benzene  
Concen: 19.266 ug/l  
RT: 8.464 min Scan# 2414  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 78 Resp: 450711  
Ion Ratio Lower Upper  
78 100  
77 24.3 18.6 28.0  
51 17.9 20.0 30.0#





#35

Methacrylonitrile

Concen: 19.865 ug/l

RT: 7.635 min Scan# 2105

Delta R.T. -0.002 min

Lab File: VN068430.D

Acq: 8 Sep 2021 10:36

Tgt Ion: 41 Resp: 54953

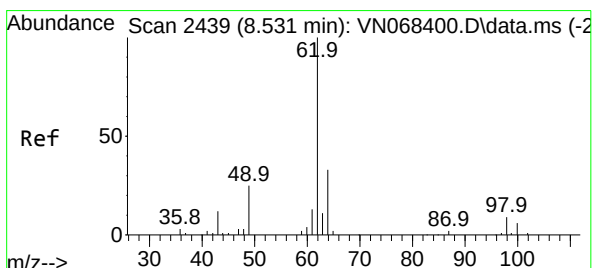
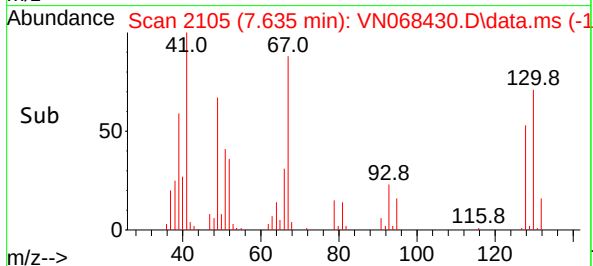
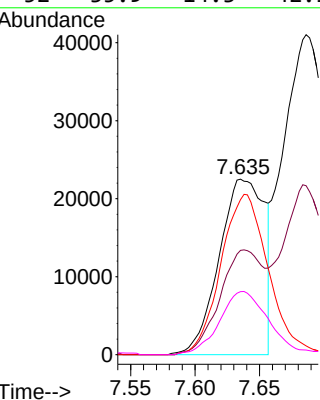
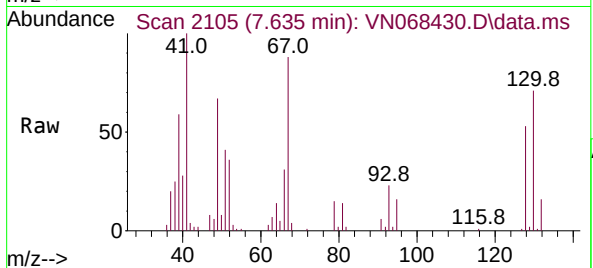
Ion Ratio Lower Upper

41 100

39 59.5 30.3 90.9

67 88.3 32.1 96.3

52 35.9 14.3 42.9



#36

1,2-Dichloroethane

Concen: 19.714 ug/l

RT: 8.534 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VN068430.D

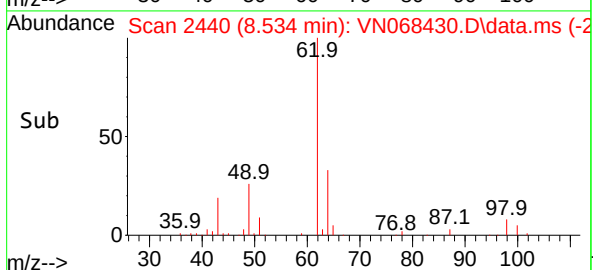
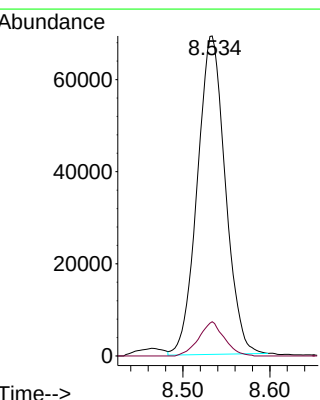
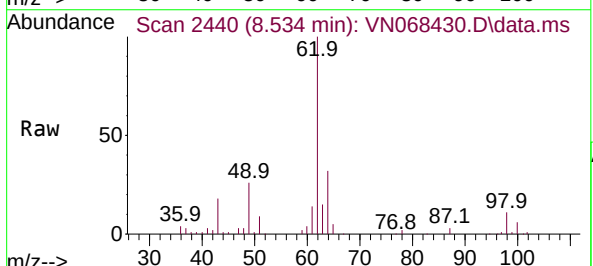
Acq: 8 Sep 2021 10:36

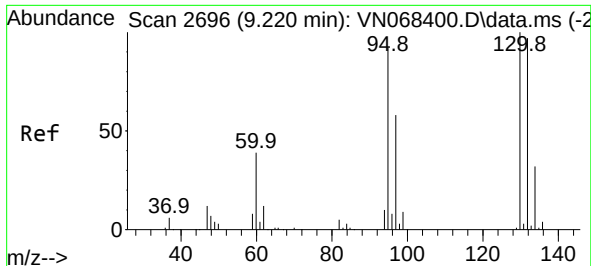
Tgt Ion: 62 Resp: 154424

Ion Ratio Lower Upper

62 100

98 9.8 6.0 9.0#





#37

Trichloroethene

Concen: 19.144 ug/l

RT: 9.218 min Scan# 2695

Delta R.T. -0.002 min

Lab File: VN068430.D

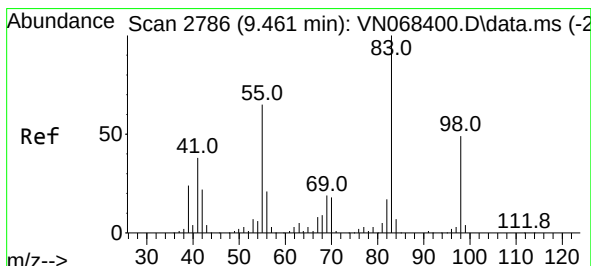
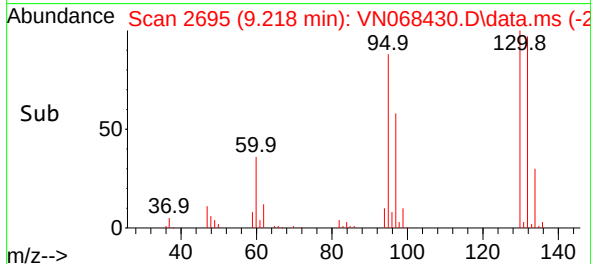
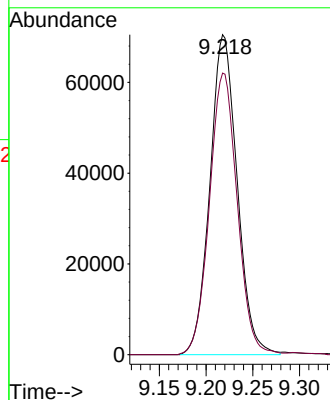
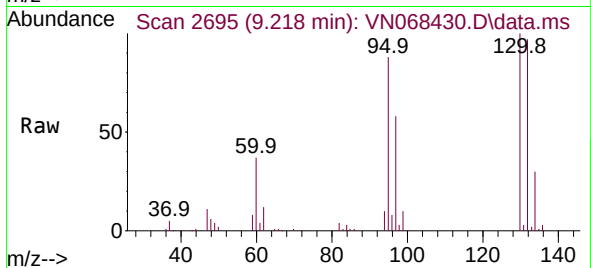
Acq: 8 Sep 2021 10:36

Tgt Ion:130 Resp: 143157

Ion Ratio Lower Upper

130 100

95 87.7 92.2 138.2#



#38

Methylcyclohexane

Concen: 19.414 ug/l

RT: 9.464 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VN068430.D

Acq: 8 Sep 2021 10:36

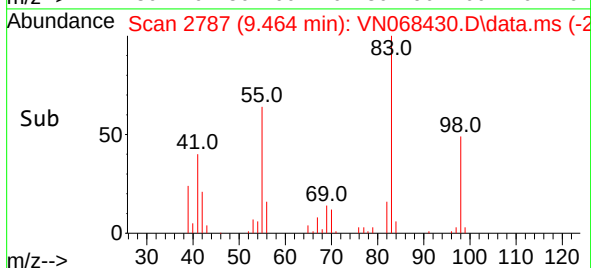
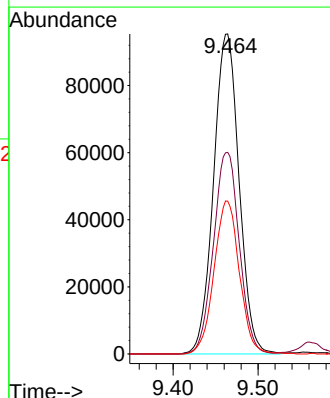
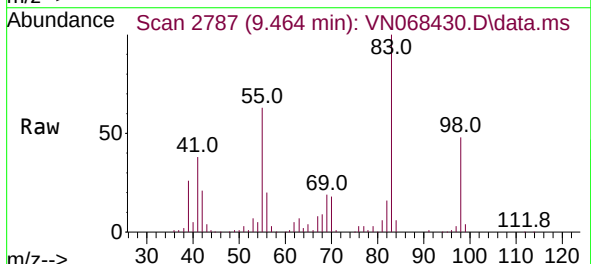
Tgt Ion: 83 Resp: 199463

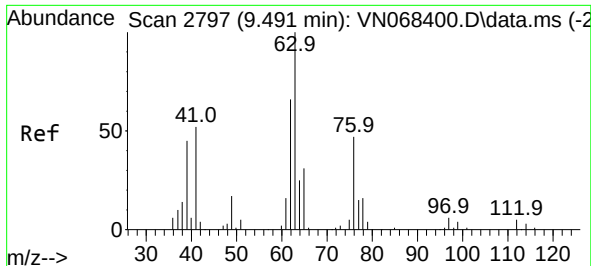
Ion Ratio Lower Upper

83 100

55 63.7 41.5 124.6

98 47.4 22.4 67.0





#39

1,2-Dichloropropane

Concen: 19.159 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN068430.D

Acq: 8 Sep 2021 10:36

Tgt Ion: 63 Resp: 106256

Ion Ratio Lower Upper

63 100

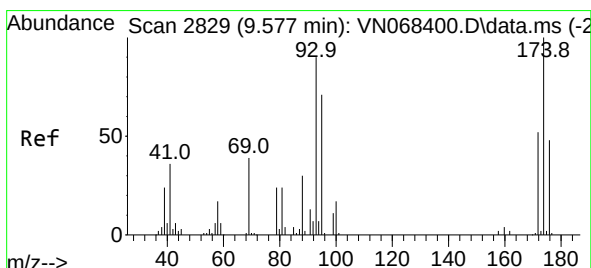
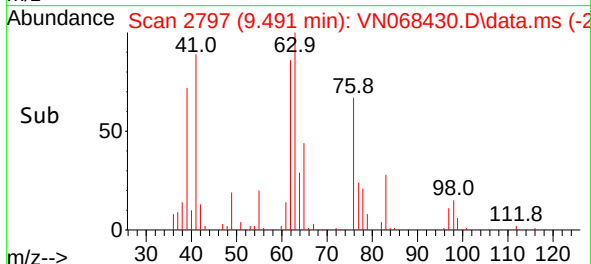
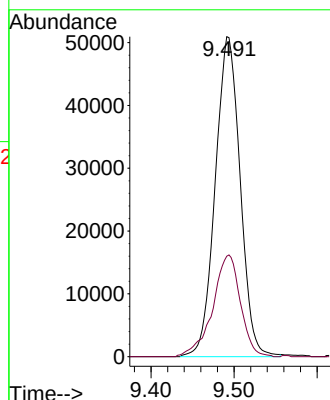
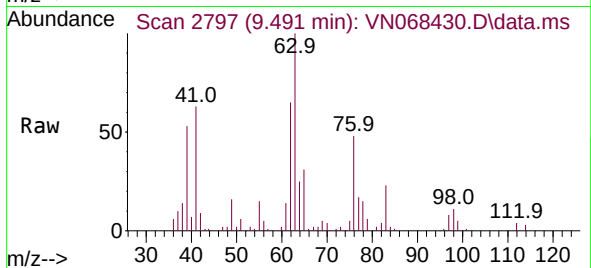
65 31.4 24.5 36.7

Instrument :

MSVOA\_N

ClientSampled :

VN0908WBS01



#40

Dibromomethane

Concen: 19.518 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN068430.D

Acq: 8 Sep 2021 10:36

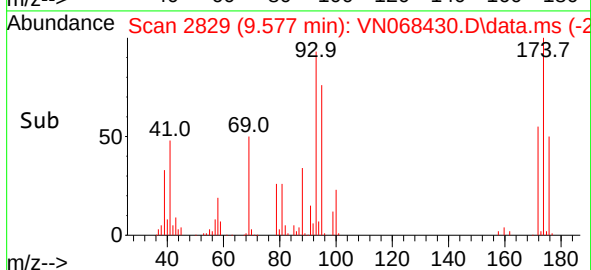
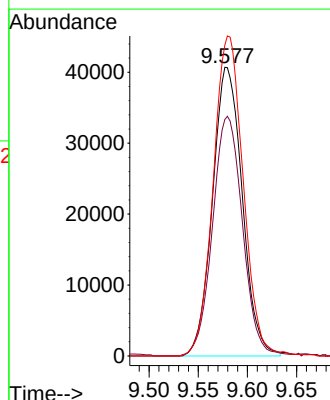
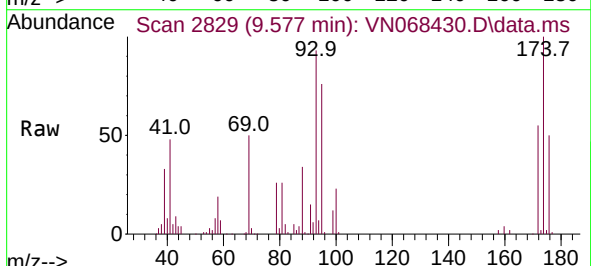
Tgt Ion: 93 Resp: 85659

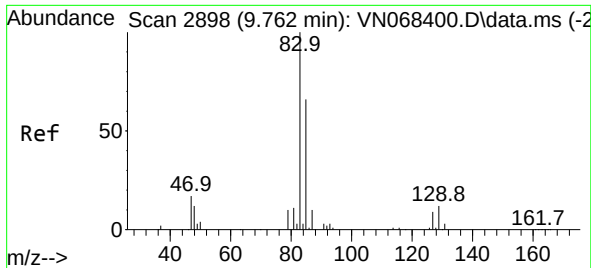
Ion Ratio Lower Upper

93 100

95 83.6 0.0 167.6

174 111.1 0.0 148.4

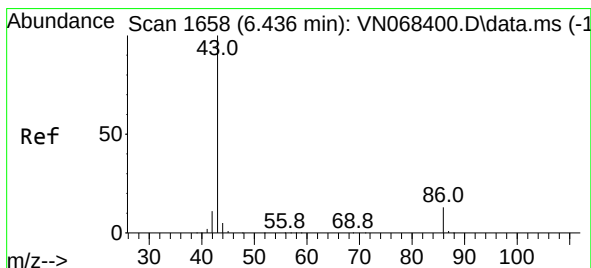
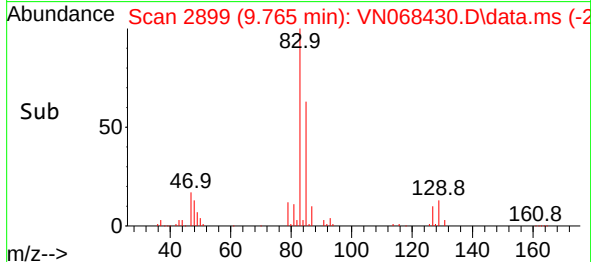
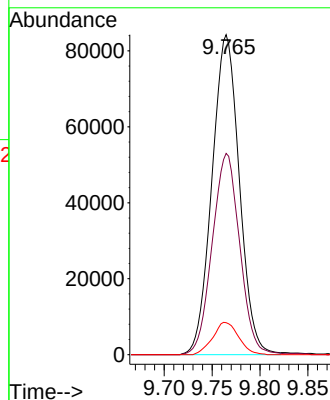
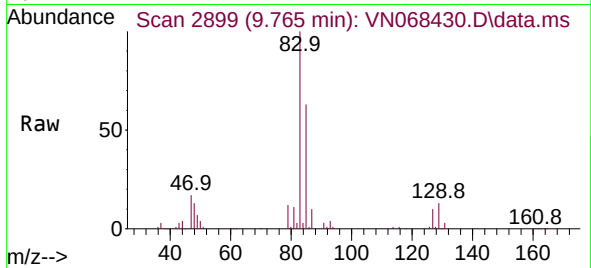




#41  
Bromodichloromethane  
Concen: 19.719 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

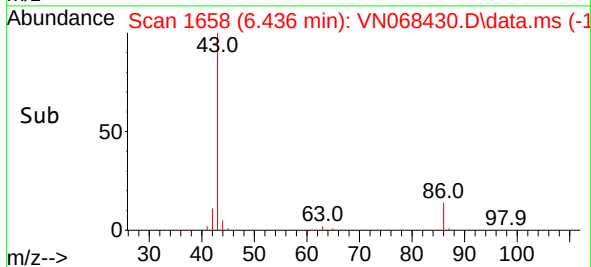
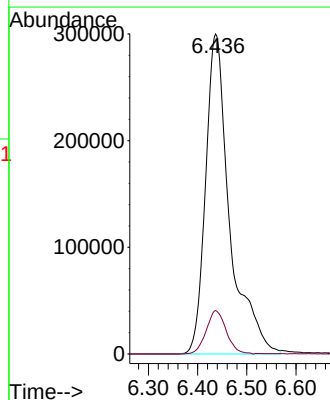
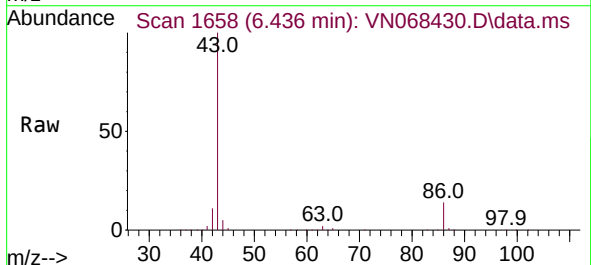
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

Tgt Ion: 83 Resp: 167197  
Ion Ratio Lower Upper  
83 100  
85 62.9 51.2 76.8  
127 10.9 6.6 9.8#

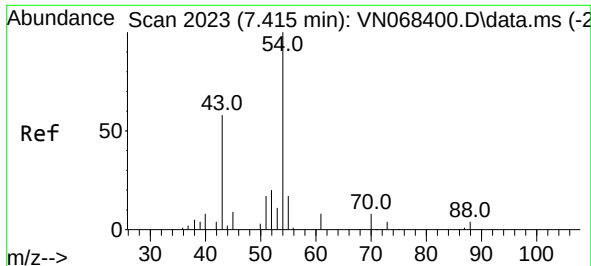


#42  
Vinyl Acetate  
Concen: 95.422 ug/l  
RT: 6.436 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 43 Resp: 1021943  
Ion Ratio Lower Upper  
43 100  
86 11.3 6.4 9.6#







#43

Ethyl Acetate

Concen: 19.637 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN068430.D

Acq: 8 Sep 2021 10:36

Tgt Ion: 43 Resp: 110570

Ion Ratio Lower Upper

43 100

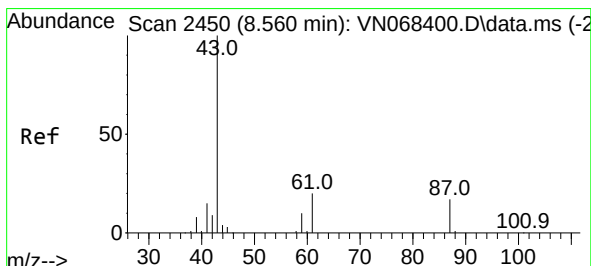
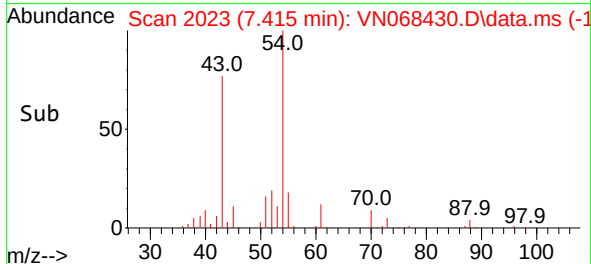
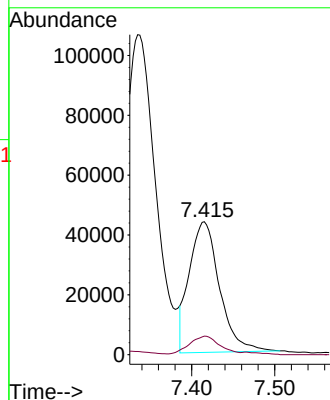
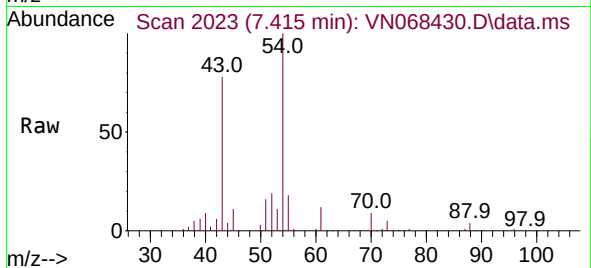
45 13.4 1.0 1.6#

Instrument :

MSVOA\_N

ClientSampleId :

VN0908WBS01



#44

Isopropyl Acetate

Concen: 19.389 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN068430.D

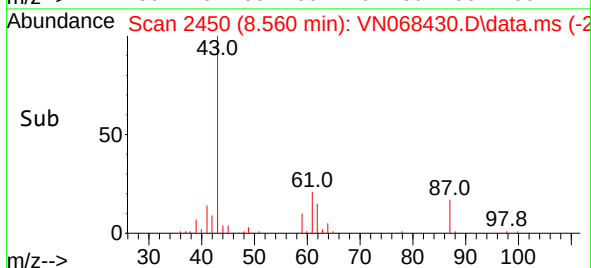
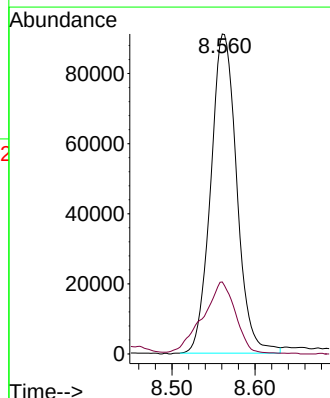
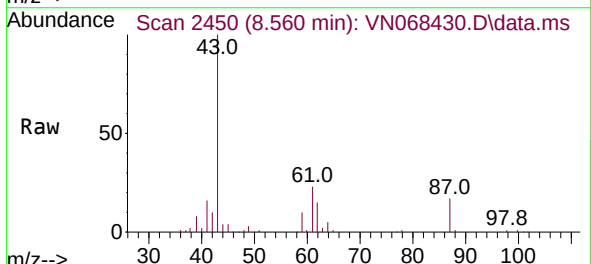
Acq: 8 Sep 2021 10:36

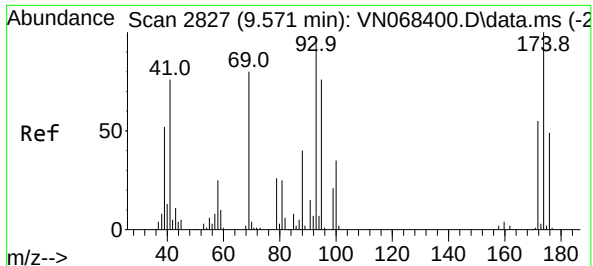
Tgt Ion: 43 Resp: 198340

Ion Ratio Lower Upper

43 100

61 28.2 19.0 28.6

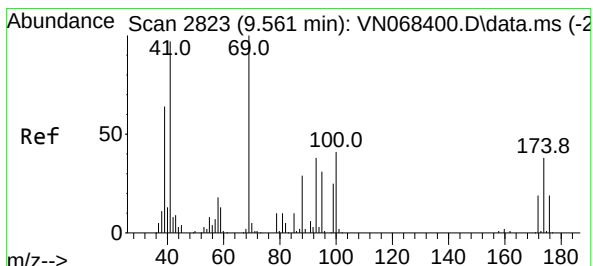
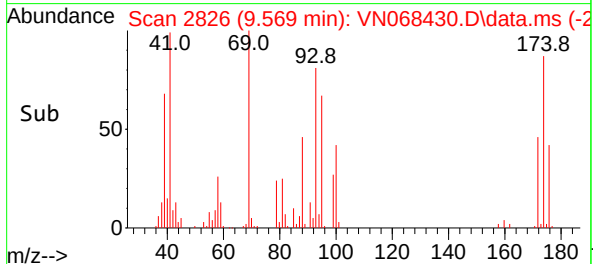
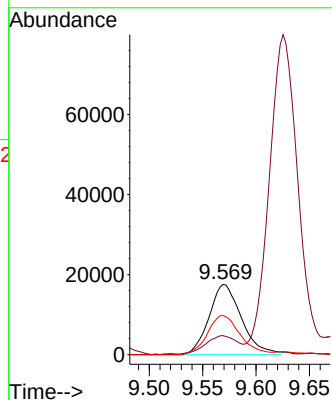
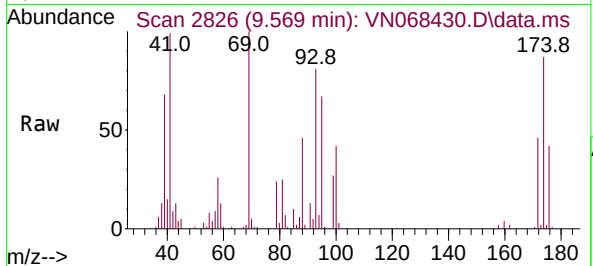




#45  
1,4-Dioxane  
Concen: 405.288 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.002 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

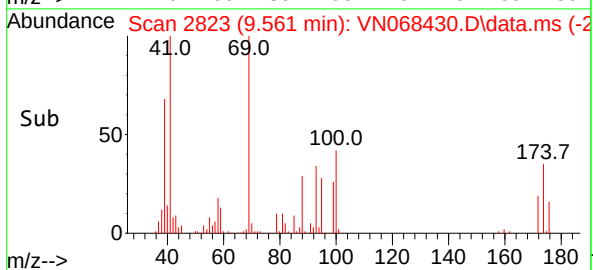
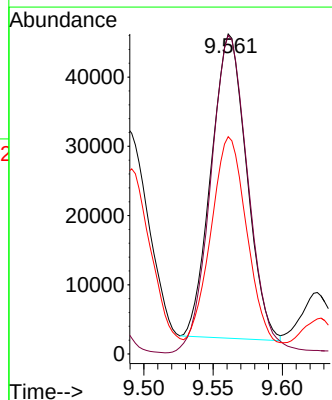
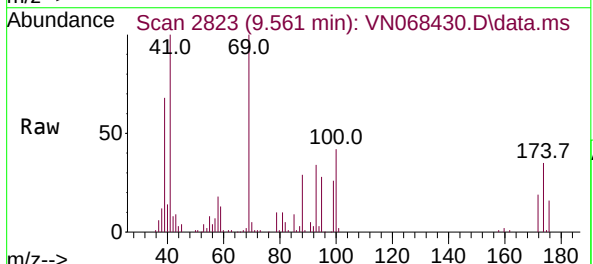
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0908WBS01

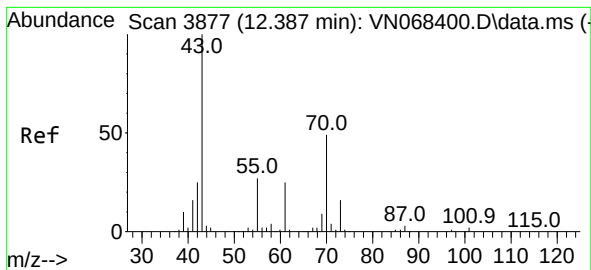
Tgt Ion: 88 Resp: 37060  
Ion Ratio Lower Upper  
88 100  
43 26.4 18.0 27.0  
58 56.2 57.7 86.5#



#46  
Methyl methacrylate  
Concen: 18.037 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 41 Resp: 78009  
Ion Ratio Lower Upper  
41 100  
69 103.4 38.0 114.1  
39 68.2 33.9 101.7

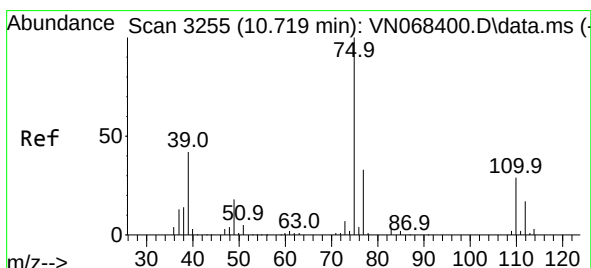
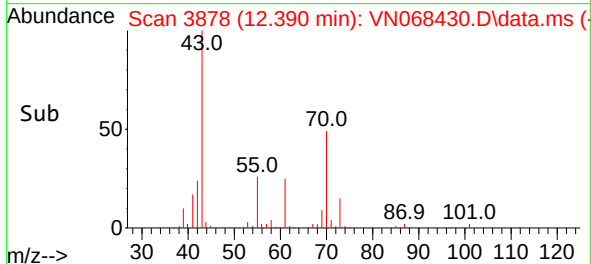
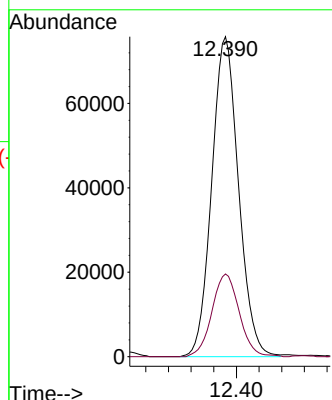
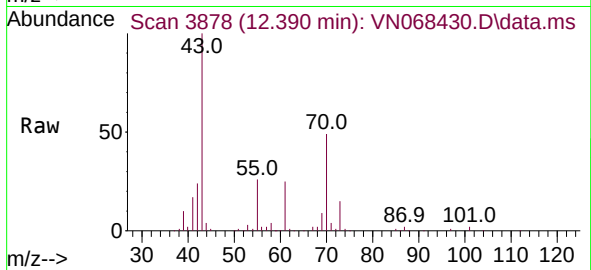




#47  
n-amy1 Acetate  
Concen: 17.764 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

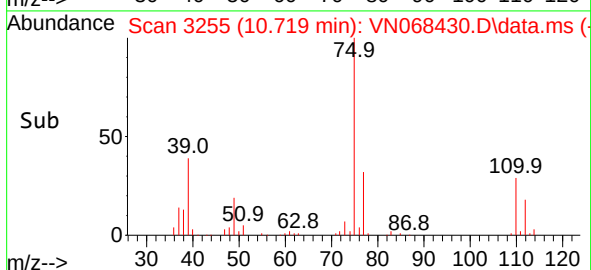
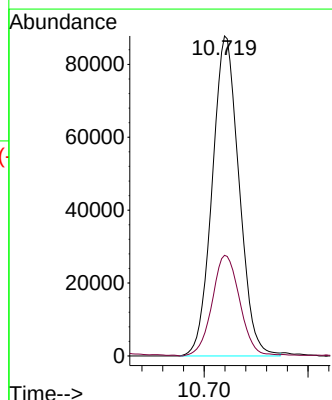
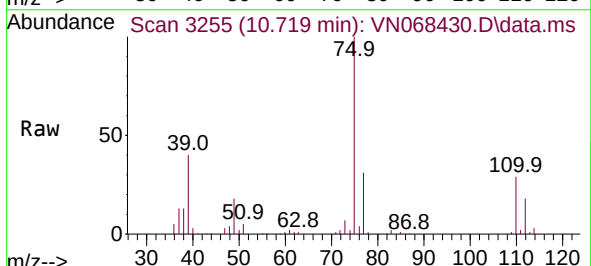
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

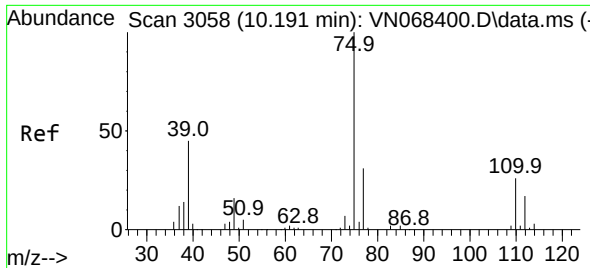
Tgt Ion: 43 Resp: 124328  
Ion Ratio Lower Upper  
43 100  
55 26.4 17.6 26.4



#48  
t-1,3-Dichloropropene  
Concen: 18.876 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 75 Resp: 157519  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.6 37.0

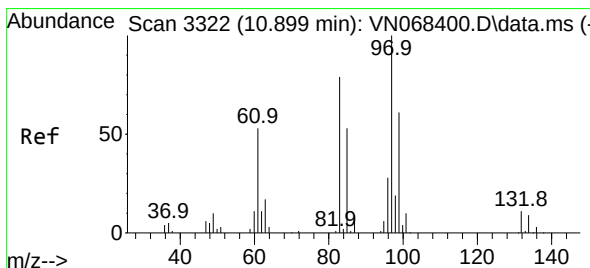
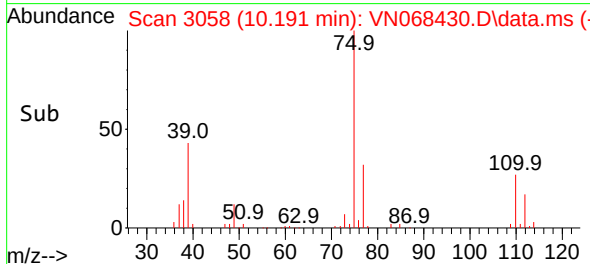
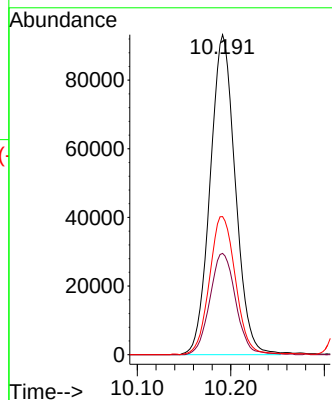
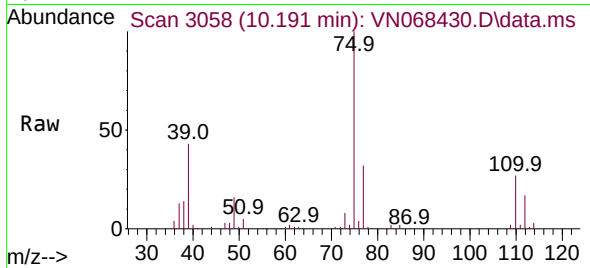




#49  
 cis-1,3-Dichloropropene  
 Concen: 18.944 ug/l  
 RT: 10.191 min Scan# 3058  
 Delta R.T. 0.000 min  
 Lab File: VN068430.D  
 Acq: 8 Sep 2021 10:36

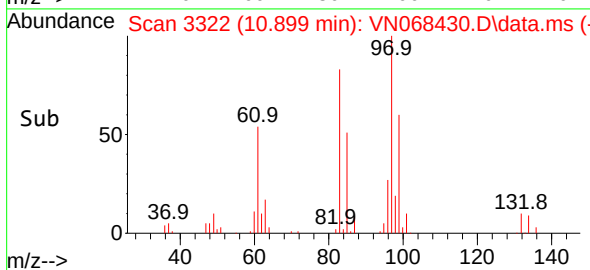
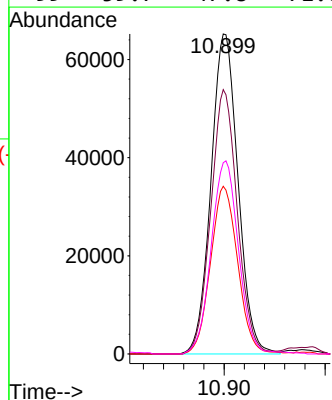
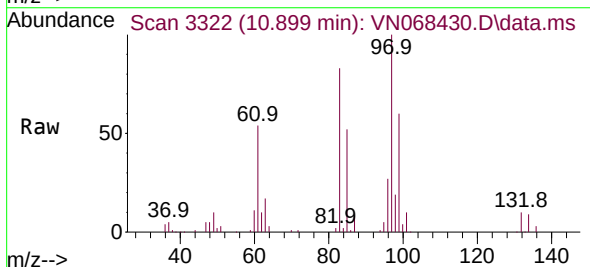
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0908WBS01

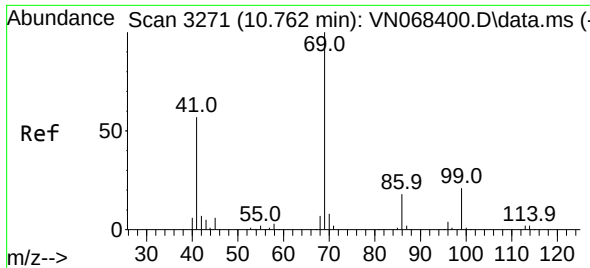
Tgt Ion: 75 Resp: 174361  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 26.0 39.0  
 39 43.2 50.6 76.0#



#50  
 1,1,2-Trichloroethane  
 Concen: 19.585 ug/l  
 RT: 10.899 min Scan# 3322  
 Delta R.T. 0.000 min  
 Lab File: VN068430.D  
 Acq: 8 Sep 2021 10:36

Tgt Ion: 97 Resp: 121255  
 Ion Ratio Lower Upper  
 97 100  
 83 82.6 69.6 104.4  
 85 52.4 45.2 67.8  
 99 59.7 47.8 71.6

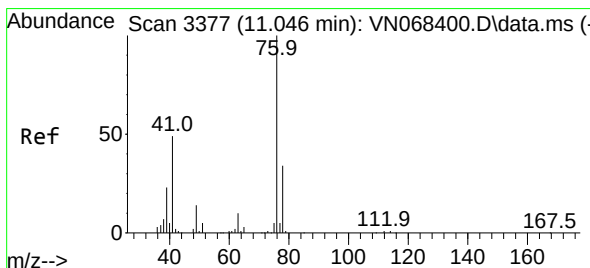
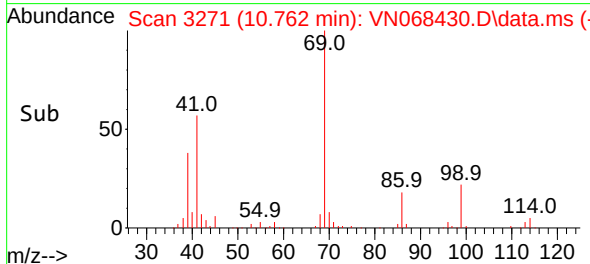
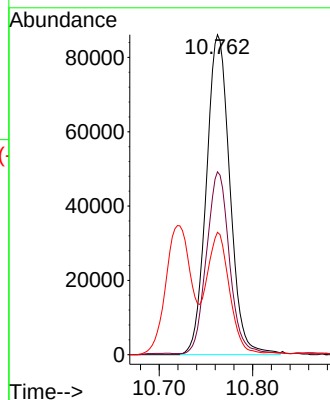
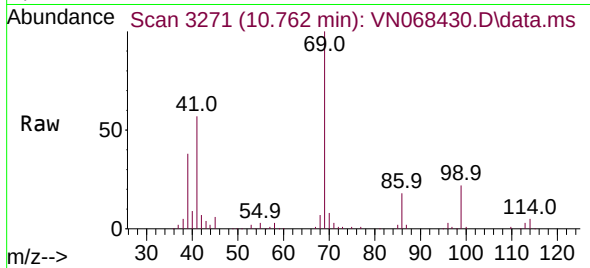




#51  
Ethyl methacrylate  
Concen: 18.932 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

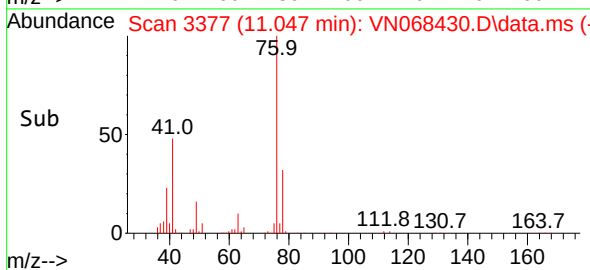
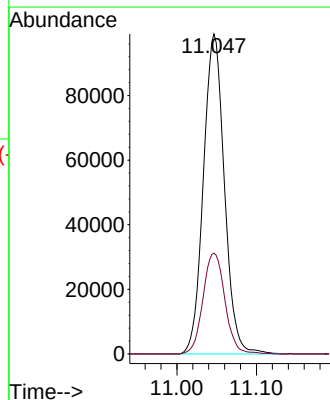
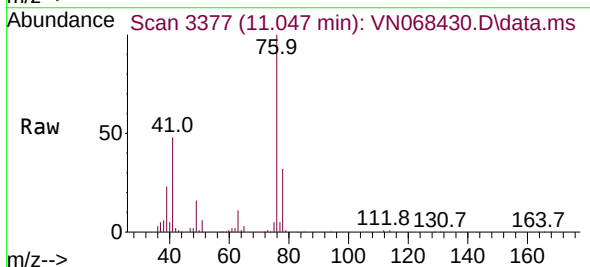
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

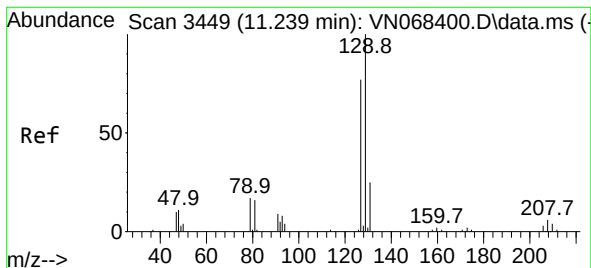
Tgt Ion: 69 Resp: 150700  
Ion Ratio Lower Upper  
69 100  
41 56.8 36.8 110.4  
39 37.7 23.8 71.2



#52  
1,3-Dichloropropane  
Concen: 19.436 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 76 Resp: 181686  
Ion Ratio Lower Upper  
76 100  
78 32.9 0.0 64.0

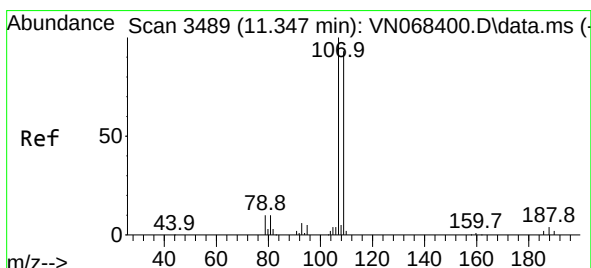
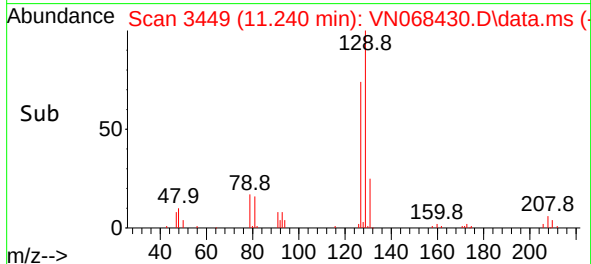
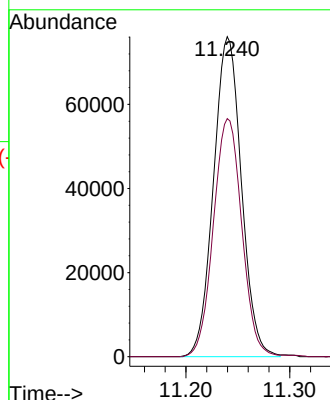
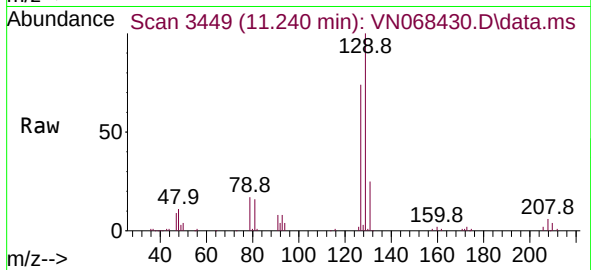




#53  
Dibromochloromethane  
Concen: 19.074 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

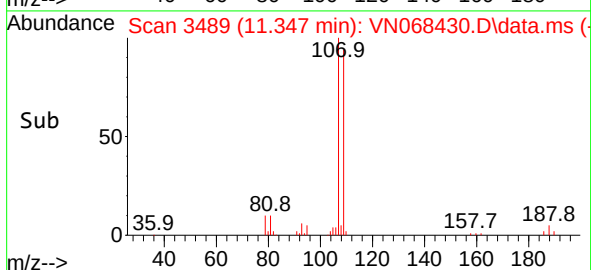
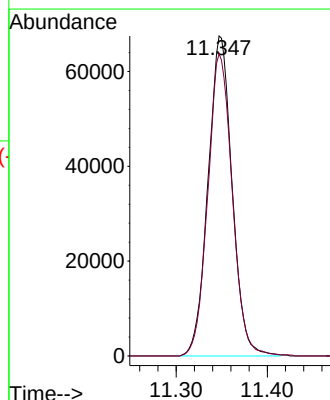
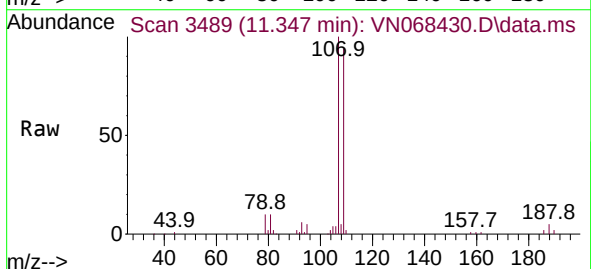
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

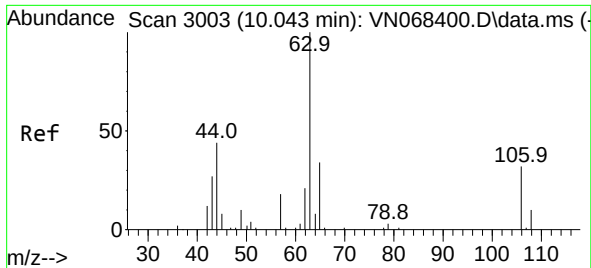
Tgt Ion:129 Resp: 142320  
Ion Ratio Lower Upper  
129 100  
127 75.5 38.8 116.4



#54  
1,2-Dibromoethane  
Concen: 19.115 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion:107 Resp: 123699  
Ion Ratio Lower Upper  
107 100  
109 95.7 75.0 112.6

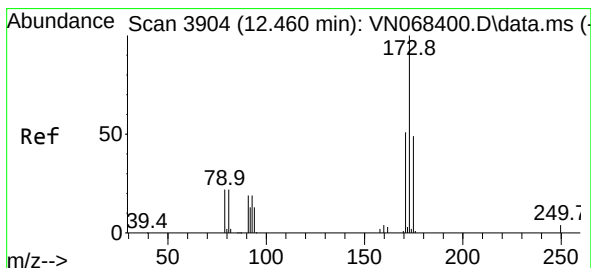
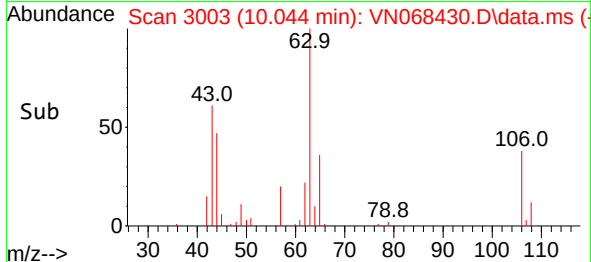
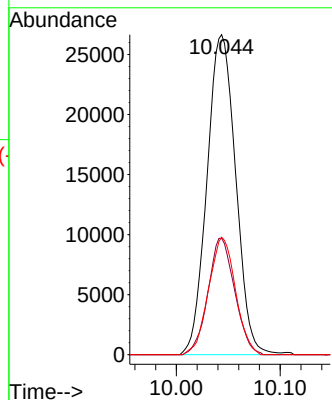
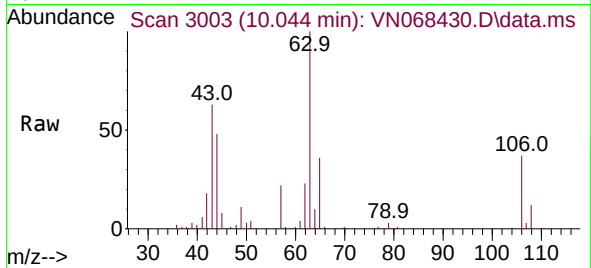




#55  
2-Chloroethyl vinyl ether  
Concen: 94.596 ug/l  
RT: 10.044 min Scan# 3003  
Delta R.T. 0.001 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

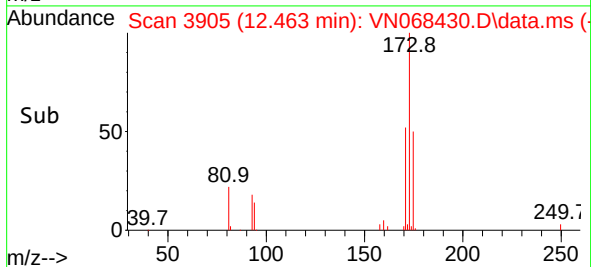
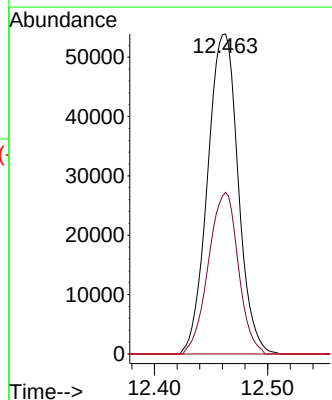
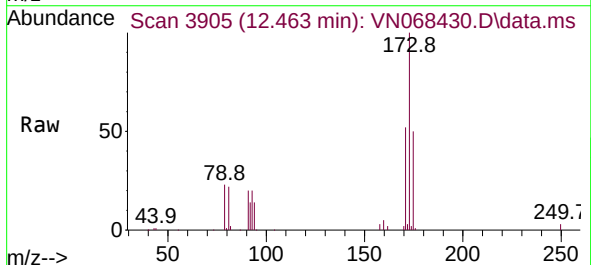
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0908WBS01

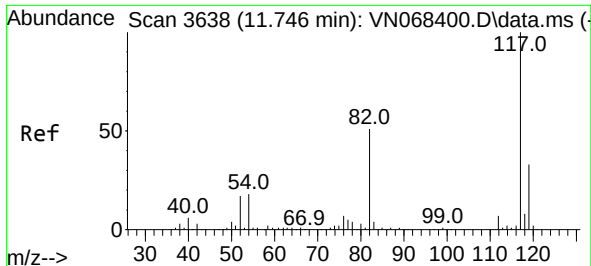
Tgt Ion: 63 Resp: 51184  
Ion Ratio Lower Upper  
63 100  
65 33.8 25.6 38.4  
106 34.4 20.0 30.0#



#56  
Bromoform  
Concen: 17.711 ug/l  
RT: 12.463 min Scan# 3905  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion:173 Resp: 101129  
Ion Ratio Lower Upper  
173 100  
175 49.3 39.4 59.2  
254 0.0 0.0 0.0

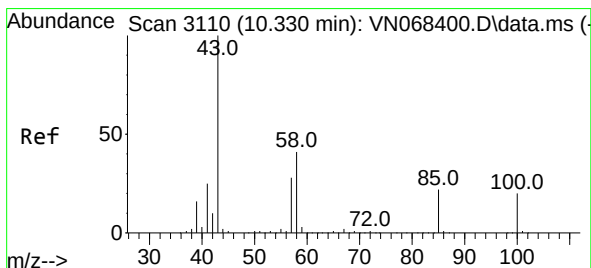
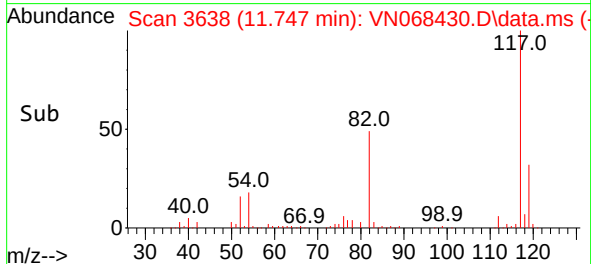
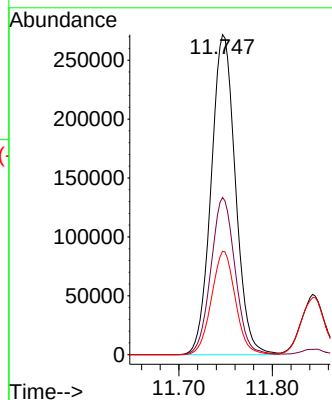
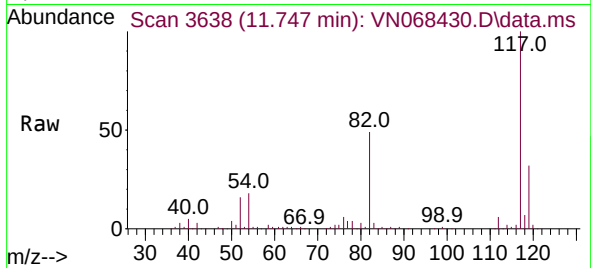




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

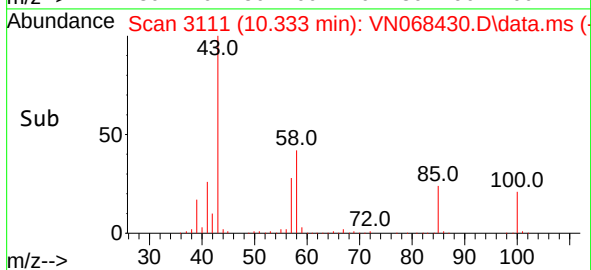
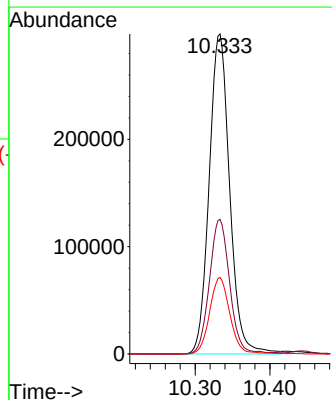
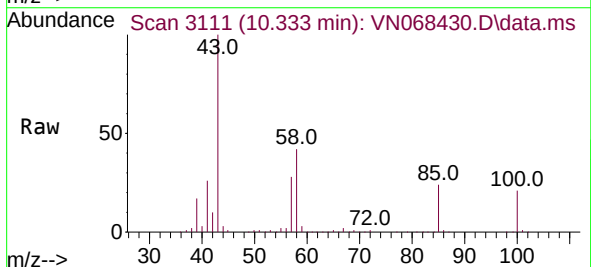
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

Tgt Ion:117 Resp: 491244  
Ion Ratio Lower Upper  
117 100  
82 49.3 52.5 78.7#  
119 31.8 25.8 38.8

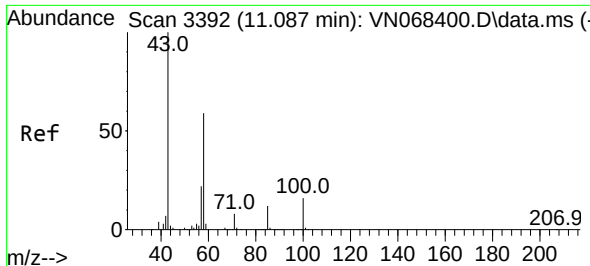


#58  
4-Methyl-2-Pentanone  
Concen: 99.304 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 43 Resp: 567666  
Ion Ratio Lower Upper  
43 100  
58 41.2 29.0 43.4  
85 23.6 13.2 19.8#



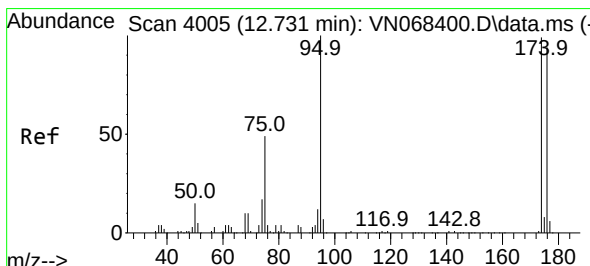
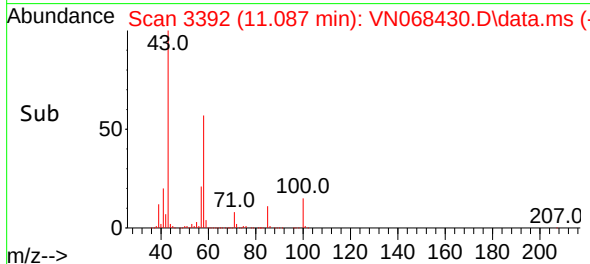
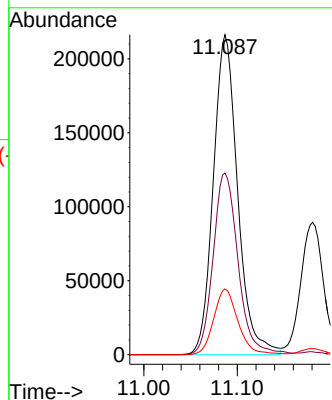
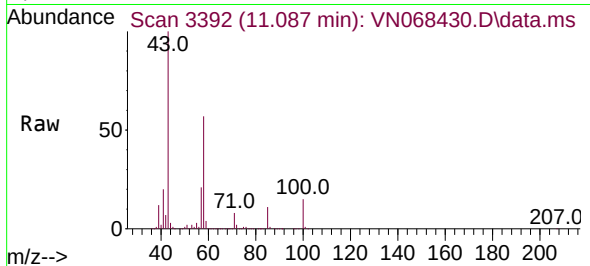




#59  
2-Hexanone  
Concen: 98.719 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

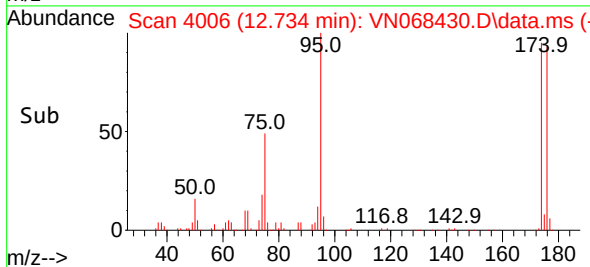
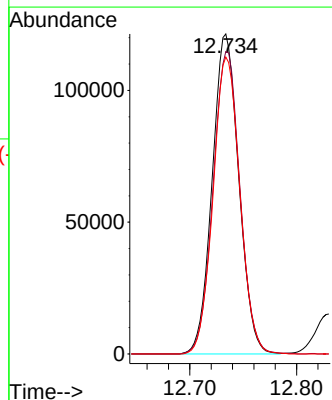
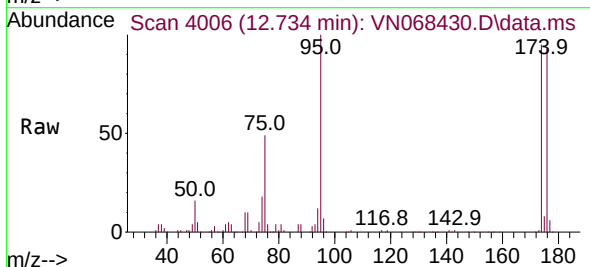
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

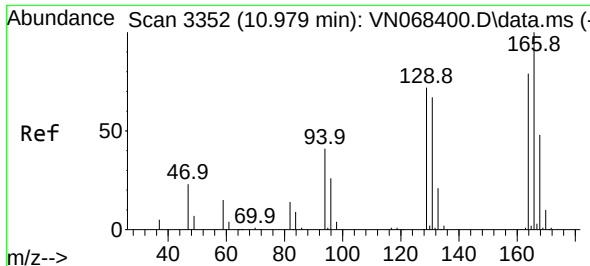
Tgt Ion: 43 Resp: 391625  
Ion Ratio Lower Upper  
43 100  
58 58.3 39.4 59.0  
57 20.5 14.4 21.6



#60  
4-Bromofluorobenzene  
Concen: 30.135 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 95 Resp: 209639  
Ion Ratio Lower Upper  
95 100  
174 95.8 47.7 71.5#  
176 93.5 45.7 68.5#

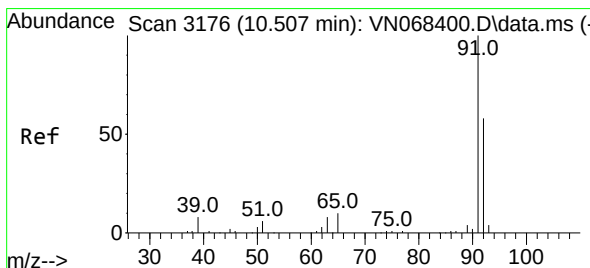
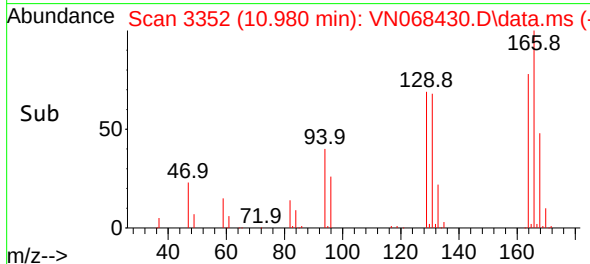
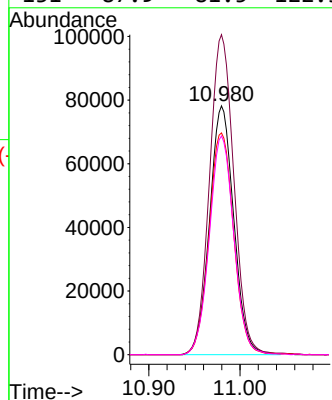
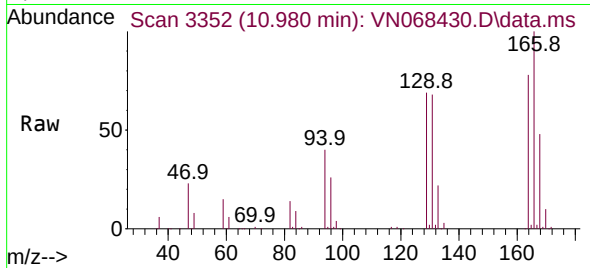




#61  
Tetrachloroethene  
Concen: 19.041 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

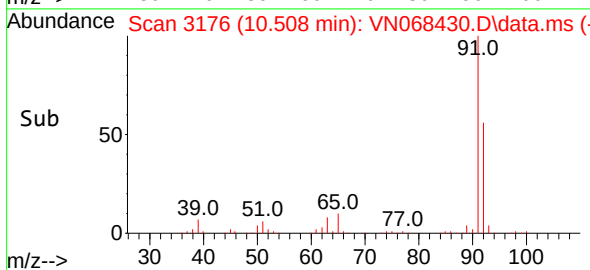
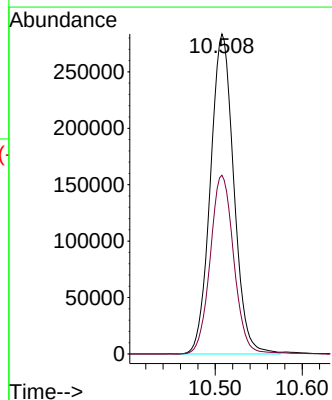
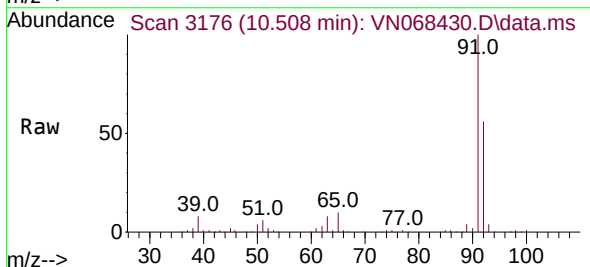
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

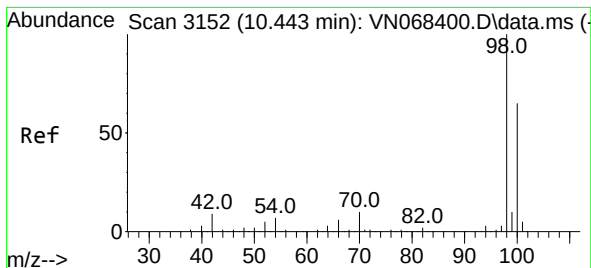
Tgt Ion:164 Resp: 144618  
Ion Ratio Lower Upper  
164 100  
166 128.6 101.0 151.4  
129 89.1 85.5 128.3  
131 87.9 81.5 122.3



#62  
Toluene  
Concen: 19.661 ug/l  
RT: 10.508 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 91 Resp: 529949  
Ion Ratio Lower Upper  
91 100  
92 56.3 46.1 69.1





#63

Toluene-d8

Concen: 30.361 ug/l

RT: 10.446 min Scan# 3153

Delta R.T. 0.003 min

Lab File: VN068430.D

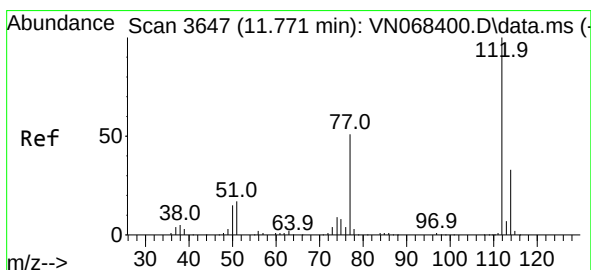
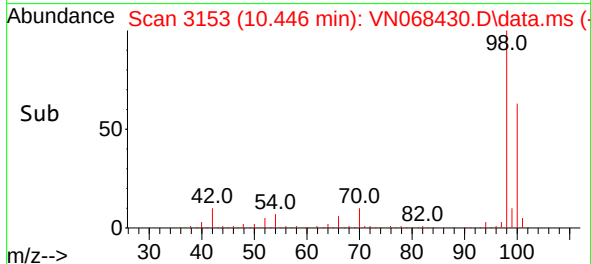
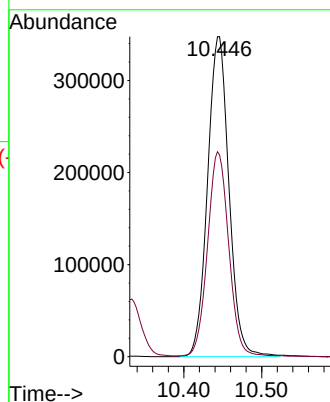
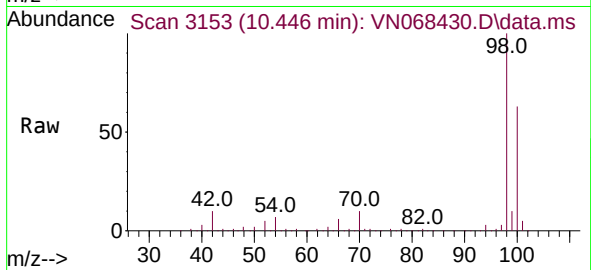
Acq: 8 Sep 2021 10:36

Tgt Ion: 98 Resp: 664179

Ion Ratio Lower Upper

98 100

100 62.9 51.2 76.8



#64

Chlorobenzene

Concen: 18.840 ug/l

RT: 11.773 min Scan# 3648

Delta R.T. 0.003 min

Lab File: VN068430.D

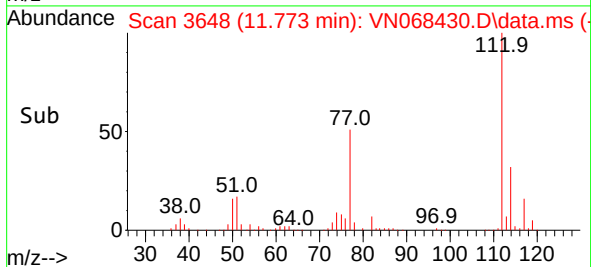
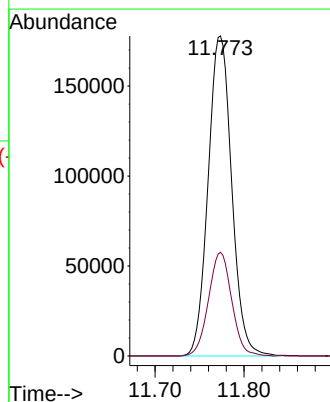
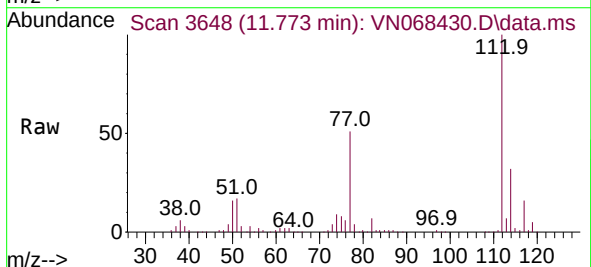
Acq: 8 Sep 2021 10:36

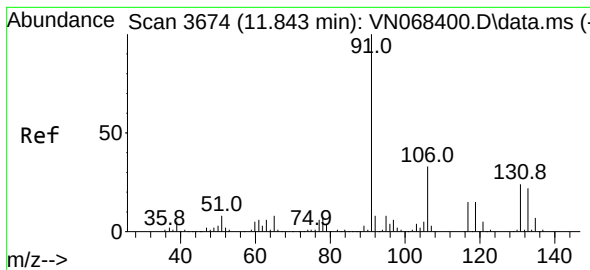
Tgt Ion: 112 Resp: 327400

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.0

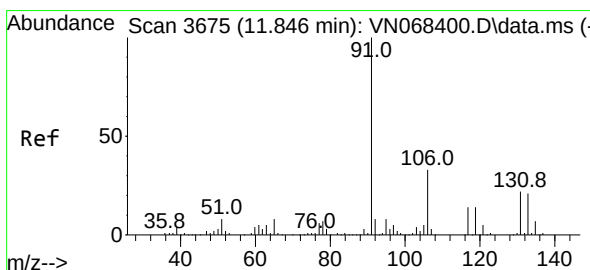
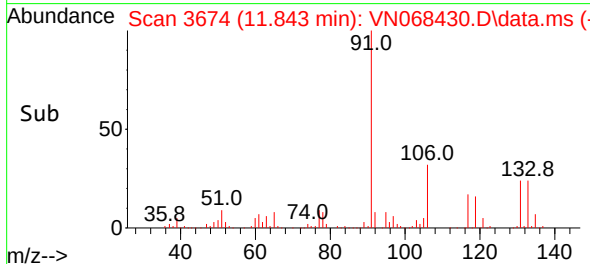
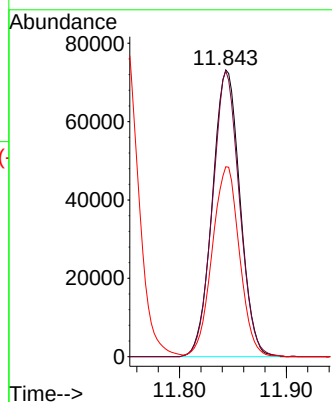
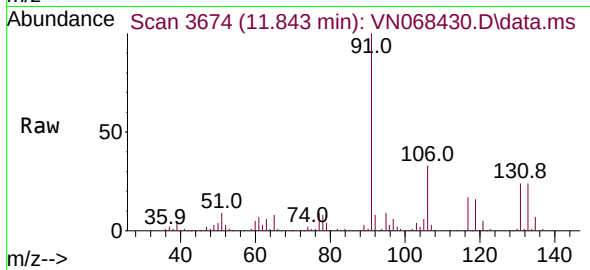




#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.944 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

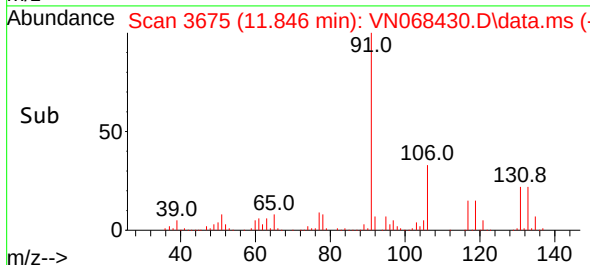
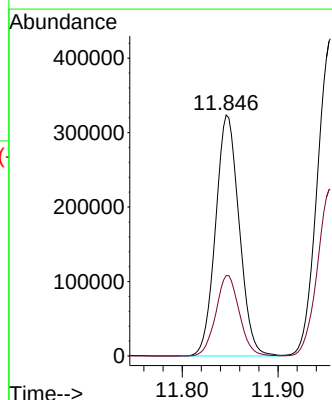
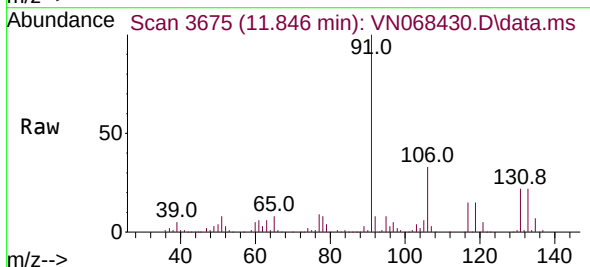
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

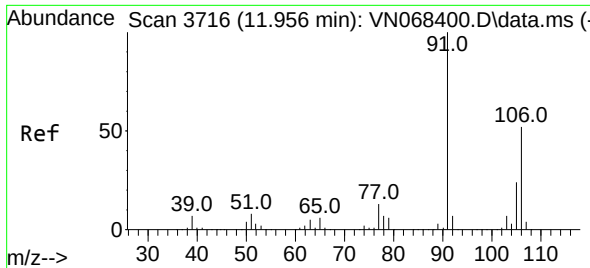
Tgt Ion:131 Resp: 131806  
Ion Ratio Lower Upper  
131 100  
133 97.2 0.0 189.6  
119 65.5 0.0 130.0



#66  
Ethyl Benzene  
Concen: 19.042 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 91 Resp: 552486  
Ion Ratio Lower Upper  
91 100  
106 33.3 23.4 35.0

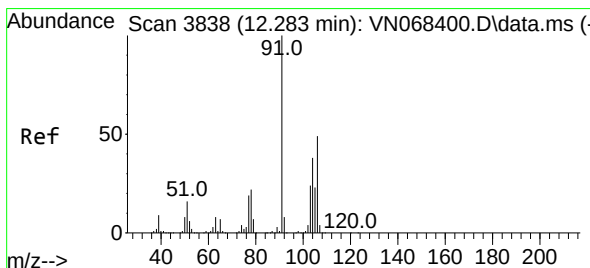
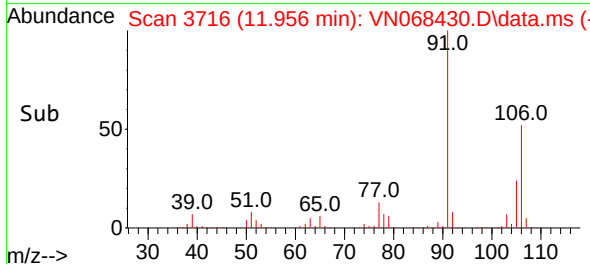
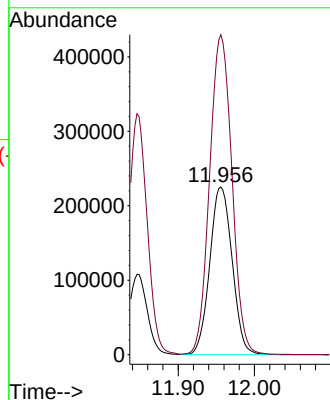
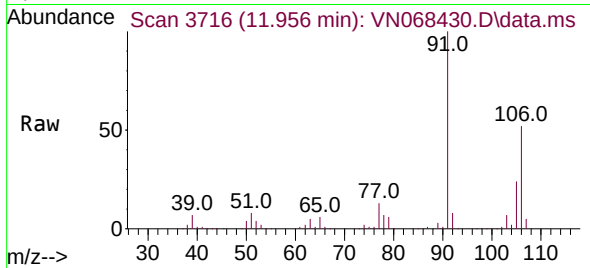




#67  
m/p-Xylenes  
Concen: 38.579 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

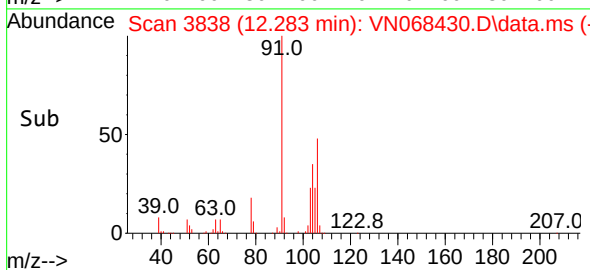
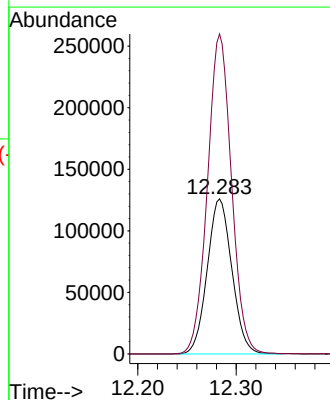
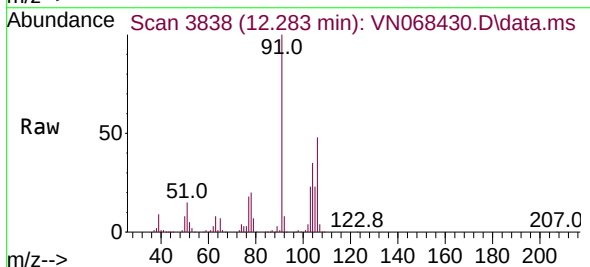
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

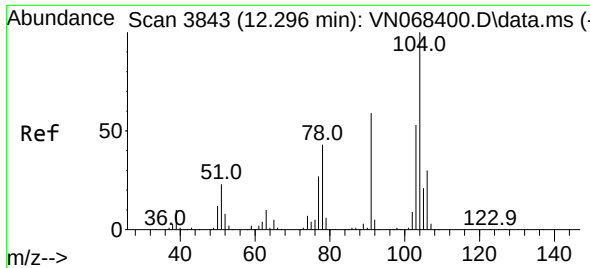
Tgt Ion:106 Resp: 458960  
Ion Ratio Lower Upper  
106 100  
91 189.8 181.3 271.9



#68  
o-Xylene  
Concen: 19.080 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion:106 Resp: 219864  
Ion Ratio Lower Upper  
106 100  
91 201.1 120.0 360.0

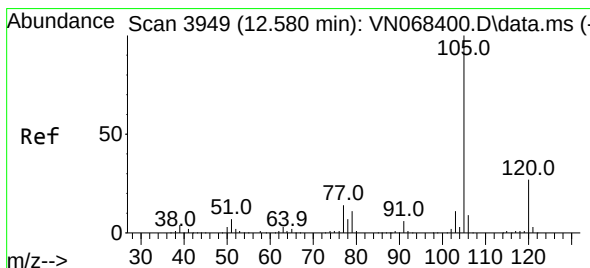
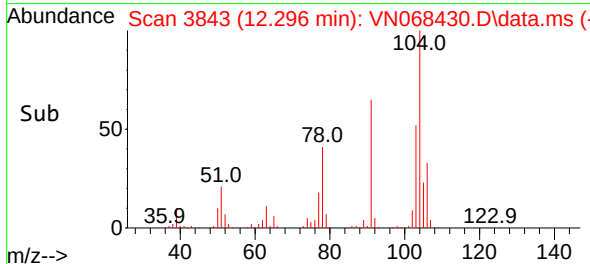
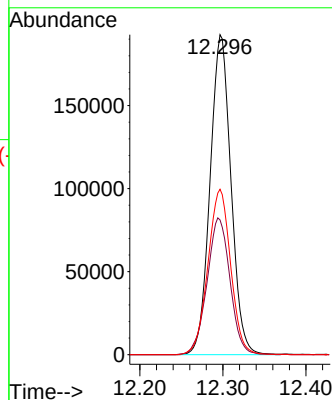
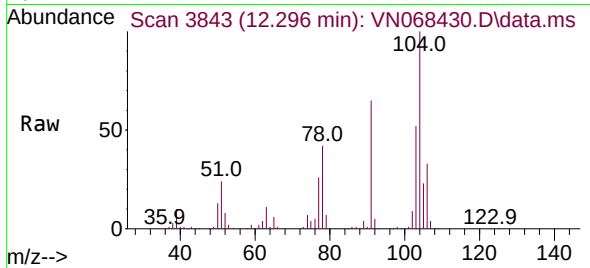




#69  
Styrene  
Concen: 18.512 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

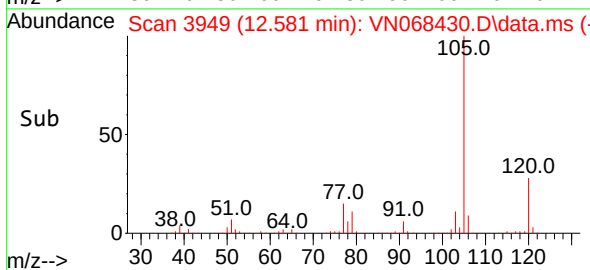
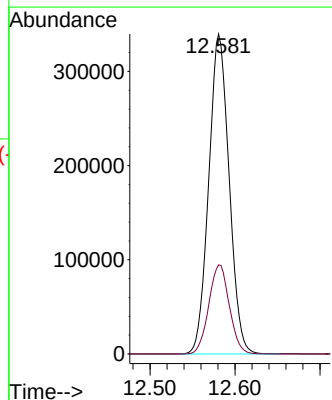
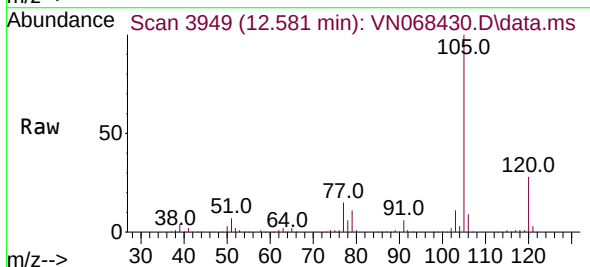
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

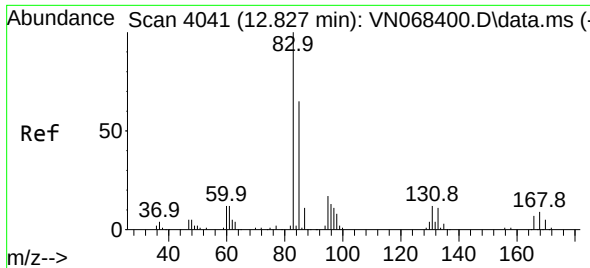
Tgt Ion:104 Resp: 336776  
Ion Ratio Lower Upper  
104 100  
78 46.9 48.2 72.2#  
103 56.3 44.5 66.7



#70  
Isopropylbenzene  
Concen: 19.056 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion:105 Resp: 565577  
Ion Ratio Lower Upper  
105 100  
120 28.1 17.6 32.6

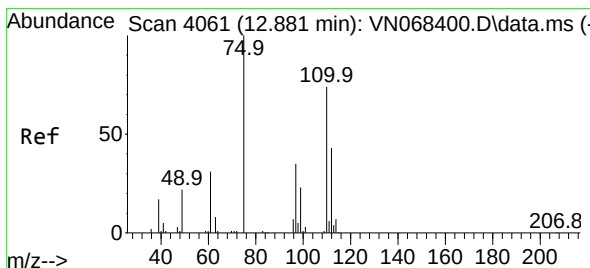
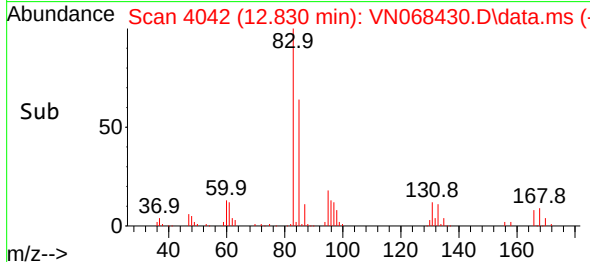
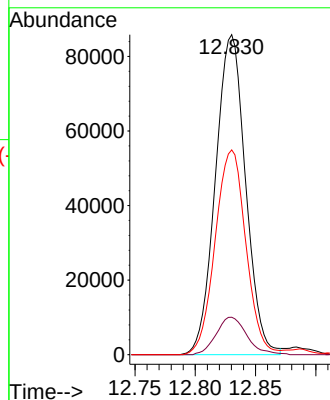
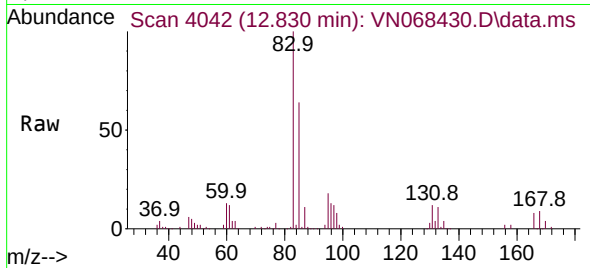




#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.671 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

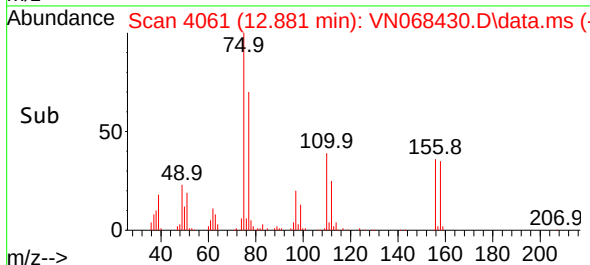
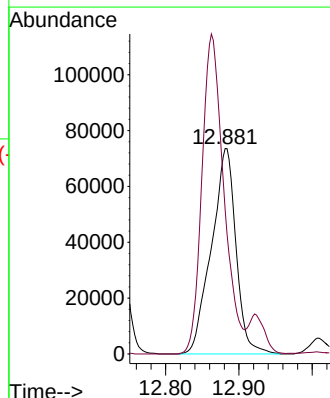
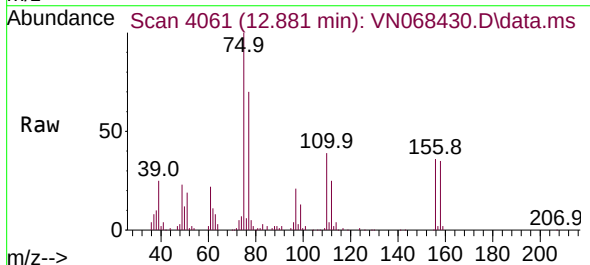
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

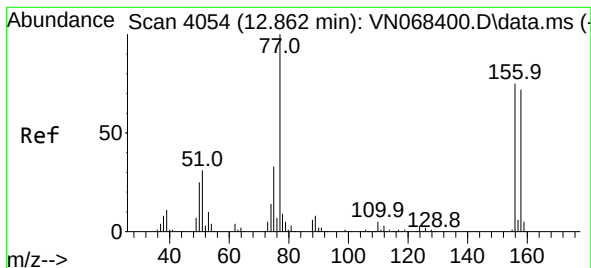
Tgt Ion: 83 Resp: 149303  
Ion Ratio Lower Upper  
83 100  
131 11.9 4.7 14.0  
85 65.1 32.2 96.6



#72  
1,2,3-Trichloropropane  
Concen: 27.543 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 75 Resp: 171381  
Ion Ratio Lower Upper  
75 100  
77 138.7 0.0 374.2





#73

Bromobenzene

Concen: 18.210 ug/l

RT: 12.862 min Scan# 4054

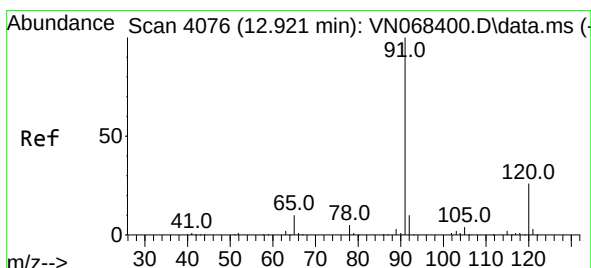
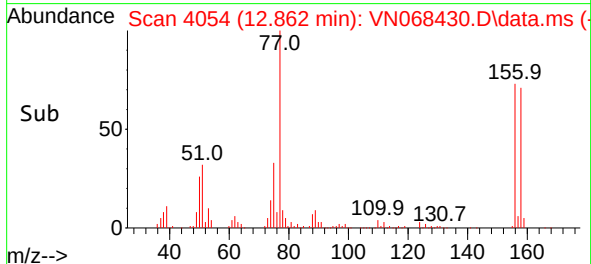
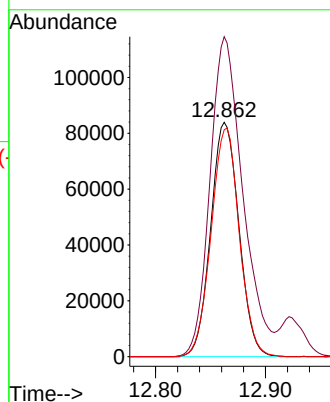
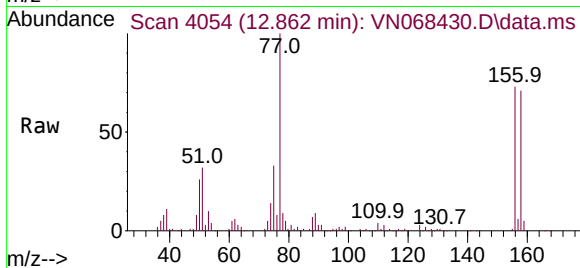
Delta R.T. 0.000 min

Lab File: VN068430.D

Acq: 8 Sep 2021 10:36

Tgt Ion:156 Resp: 149574

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 159.0 | 0.0   | 548.0 |
| 158 | 97.4  | 0.0   | 194.0 |



#74

n-propylbenzene

Concen: 18.708 ug/l

RT: 12.921 min Scan# 4076

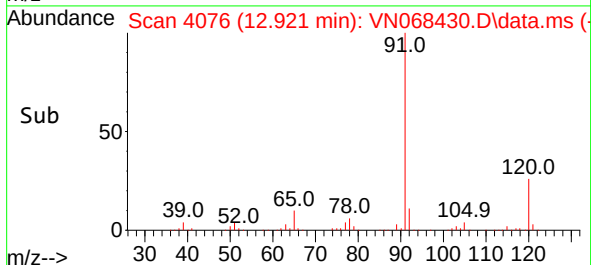
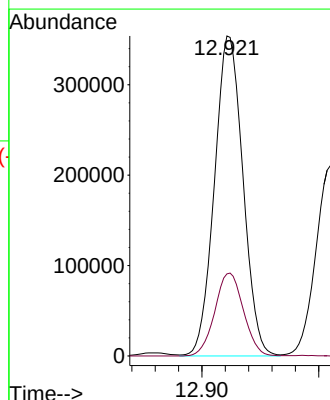
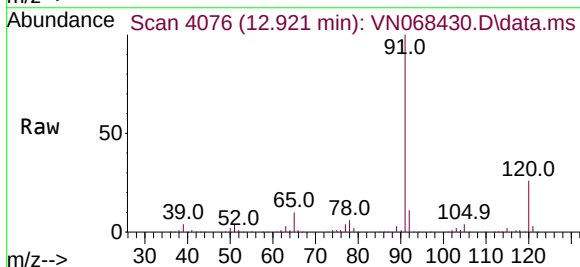
Delta R.T. 0.000 min

Lab File: VN068430.D

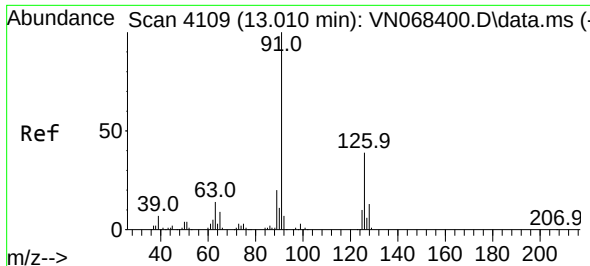
Acq: 8 Sep 2021 10:36

Tgt Ion: 91 Resp: 599769

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 26.0  | 0.0   | 41.0  |



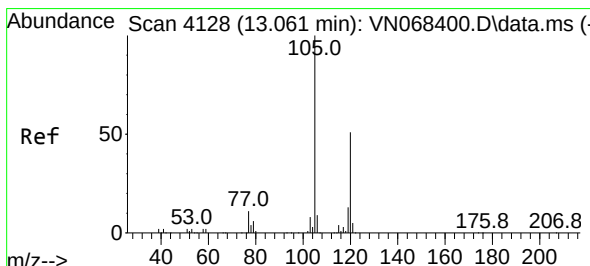
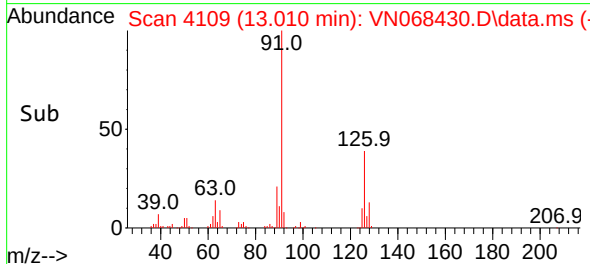
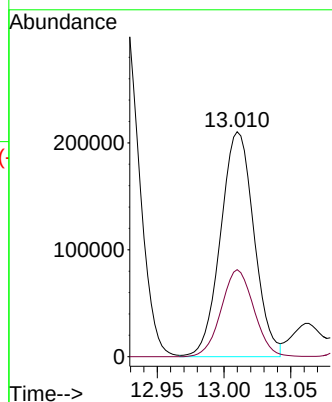
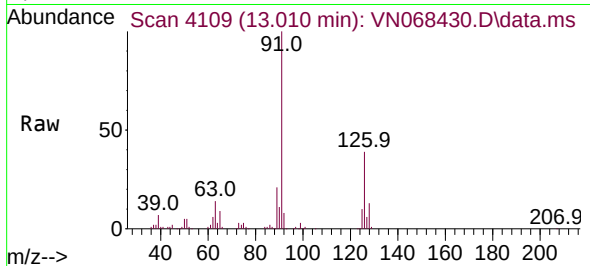




#75  
2-Chlorotoluene  
Concen: 19.275 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

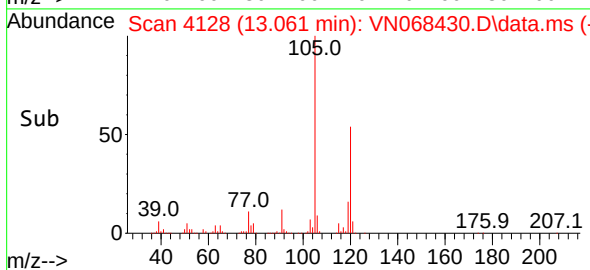
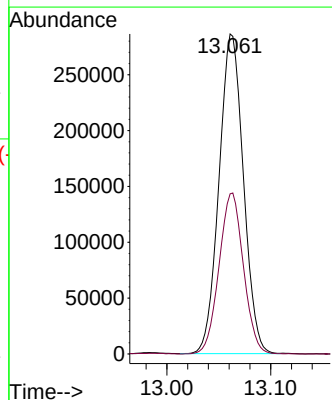
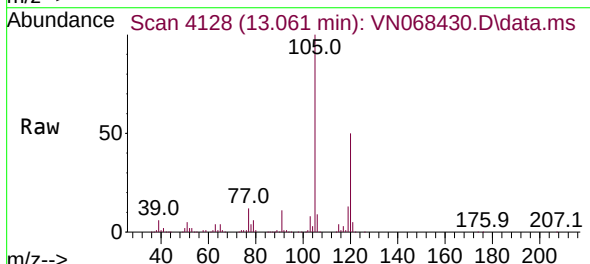
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

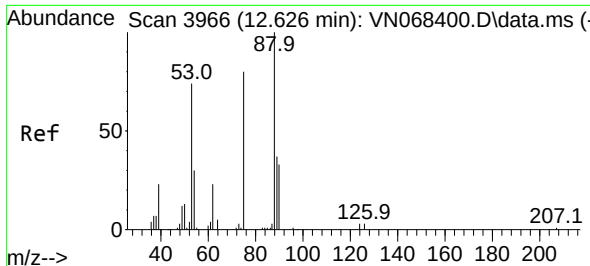
Tgt Ion: 91 Resp: 366719  
Ion Ratio Lower Upper  
91 100  
126 37.7 0.0 0.0#



#76  
1,3,5-Trimethylbenzene  
Concen: 19.014 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 105 Resp: 466895  
Ion Ratio Lower Upper  
105 100  
120 50.3 0.0 90.2

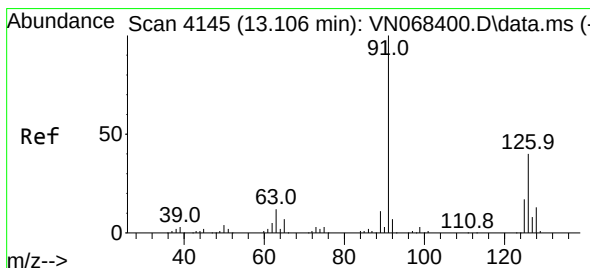
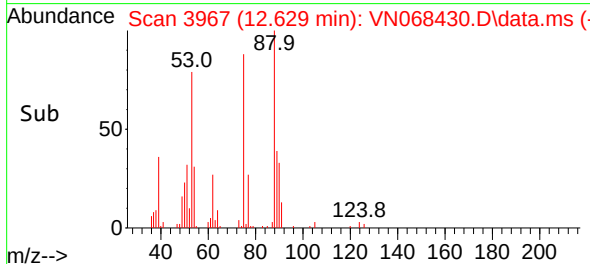
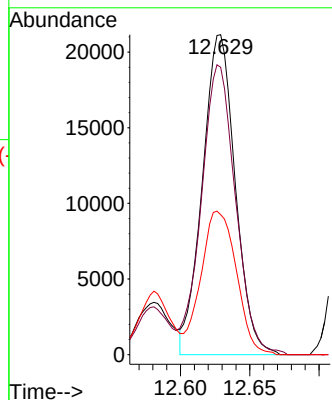
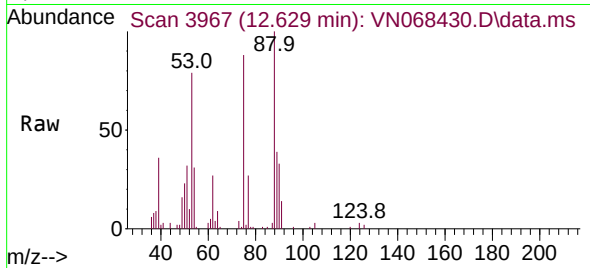




#77  
t-1,4-Dichloro-2-butene  
Concen: 18.499 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

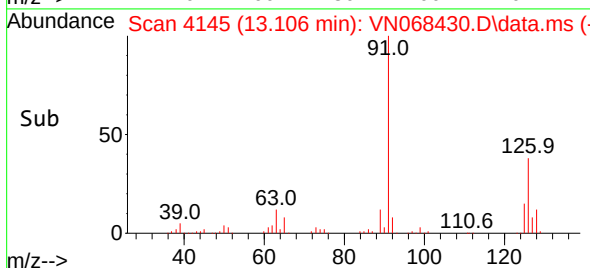
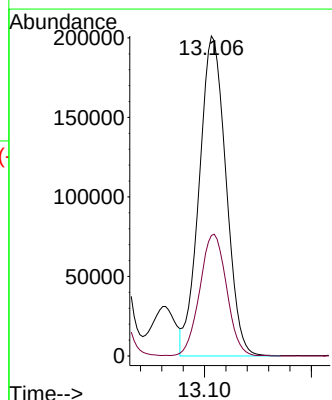
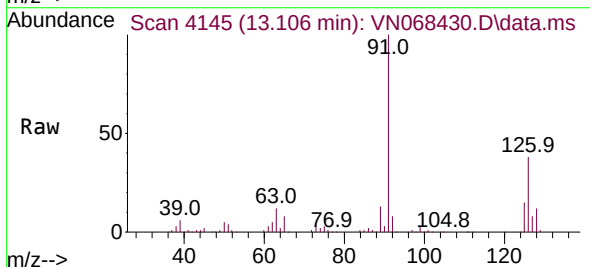
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0908WBS01

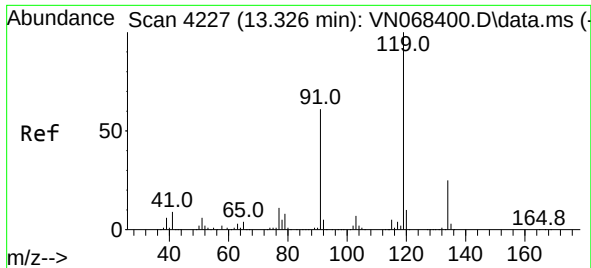
Tgt Ion: 75 Resp: 34898  
Ion Ratio Lower Upper  
75 100  
53 88.6 55.2 165.6  
89 43.8 24.5 73.5



#78  
4-Chlorotoluene  
Concen: 18.771 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 91 Resp: 350151  
Ion Ratio Lower Upper  
91 100  
126 37.8 0.0 57.6

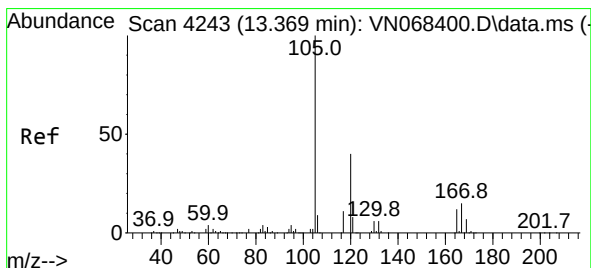
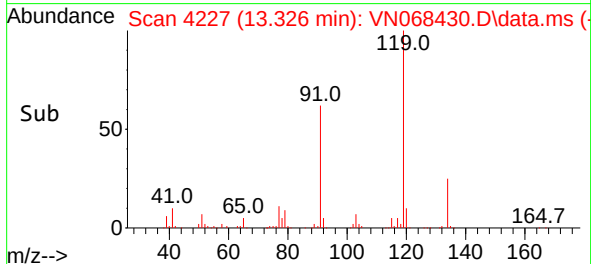
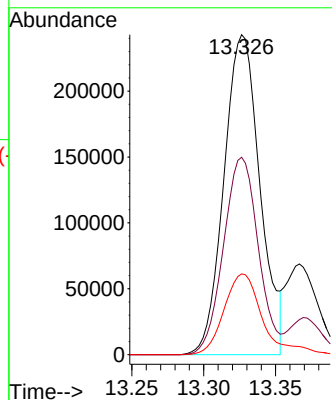
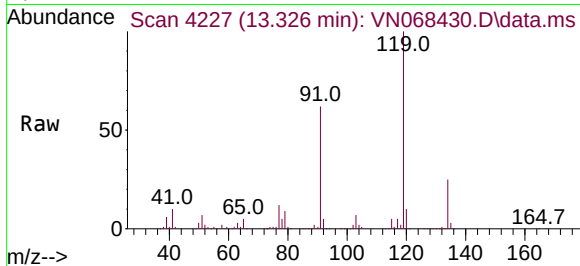




#79  
tert-butylbenzene  
Concen: 18.888 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

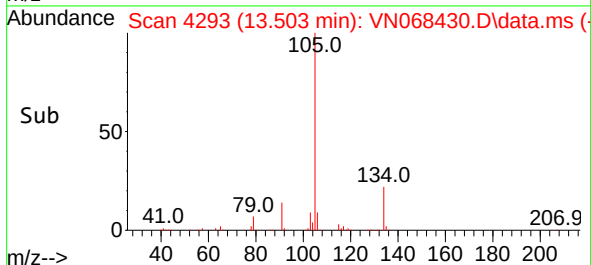
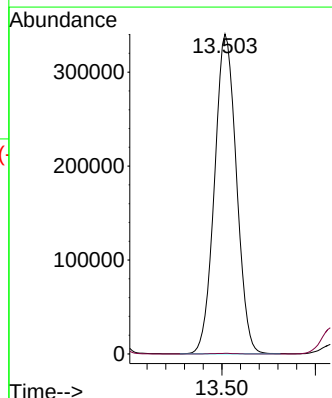
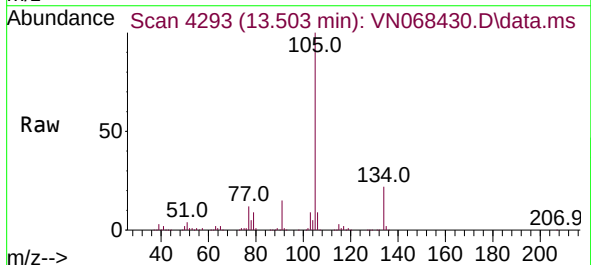
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

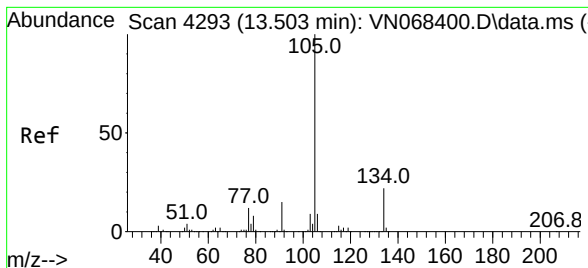
Tgt Ion:119 Resp: 424011  
Ion Ratio Lower Upper  
119 100  
91 59.6 0.0 158.4  
134 27.1 0.0 43.6



#80  
1,2,4-Trimethylbenzene  
Concen: 23.261 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.134 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion:105 Resp: 554790  
Ion Ratio Lower Upper  
105 100  
120 0.2 0.0 0.4

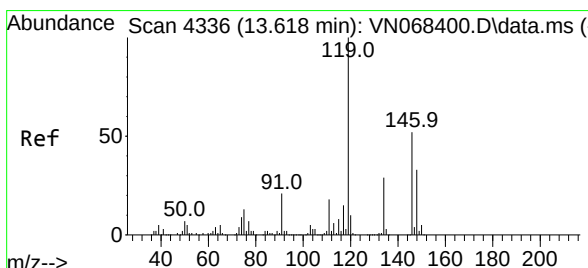
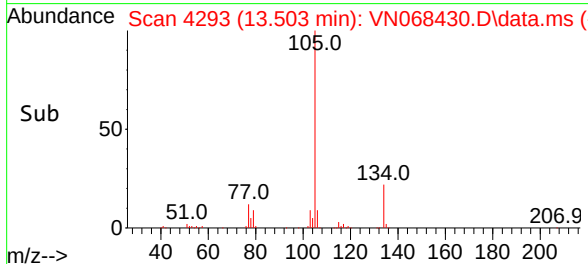
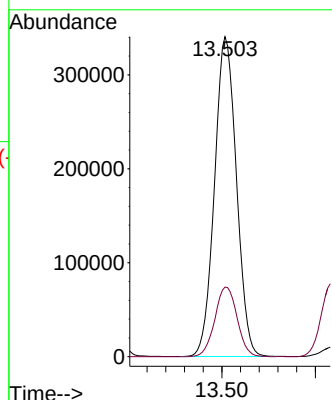
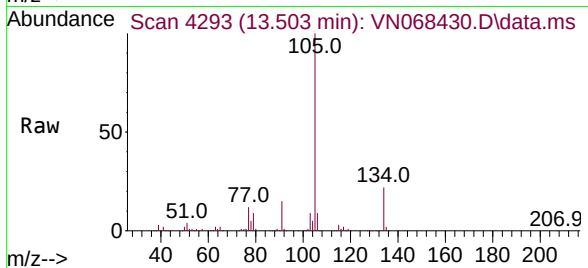




#81  
 sec-Butylbenzene  
 Concen: 18.409 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN068430.D  
 Acq: 8 Sep 2021 10:36

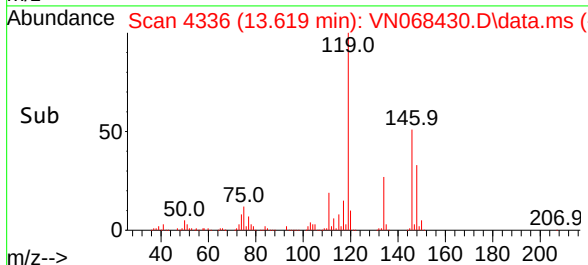
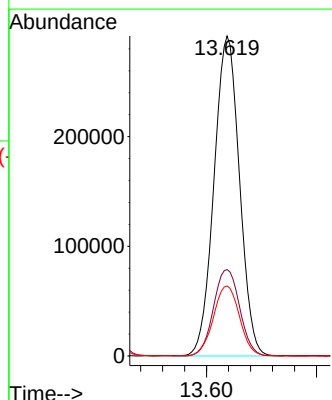
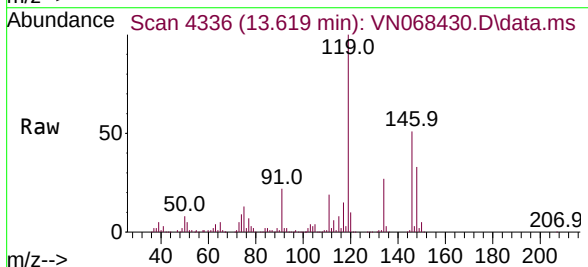
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0908WBS01

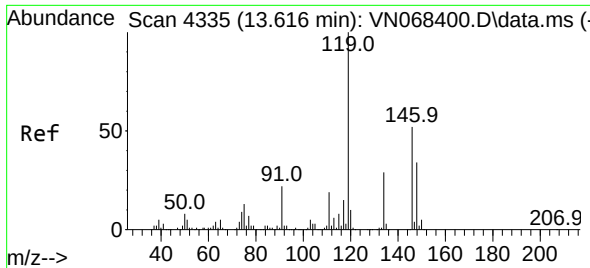
Tgt Ion:105 Resp: 554790  
 Ion Ratio Lower Upper  
 105 100  
 134 22.1 0.0 35.4



#82  
 p-Isopropyltoluene  
 Concen: 18.073 ug/l  
 RT: 13.619 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN068430.D  
 Acq: 8 Sep 2021 10:36

Tgt Ion:119 Resp: 468729  
 Ion Ratio Lower Upper  
 119 100  
 134 27.8 0.0 49.0  
 91 22.5 0.0 59.6

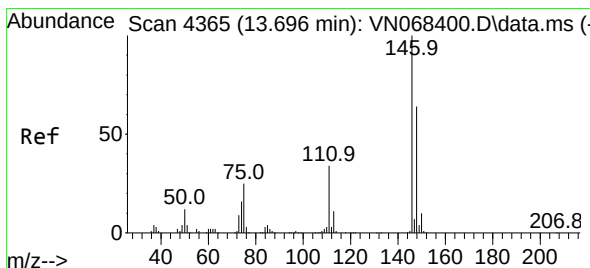
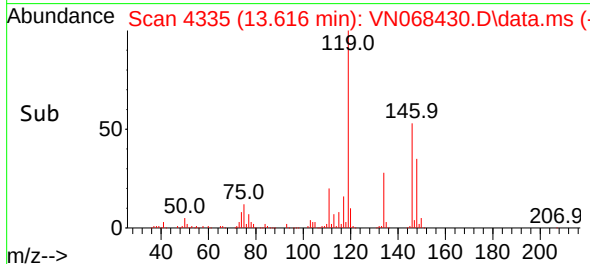
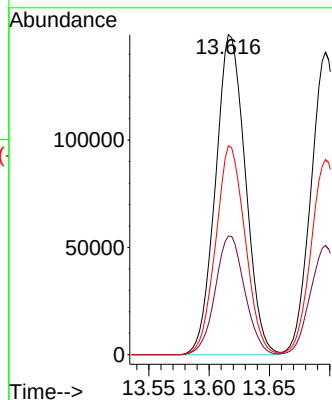
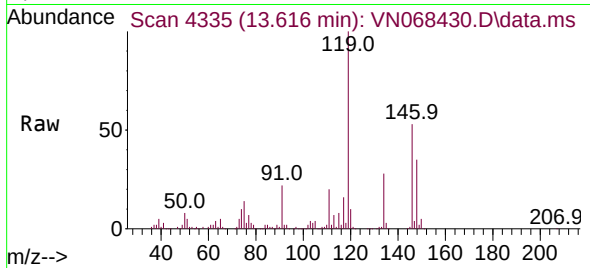




#83  
1,3-Dichlorobenzene  
Concen: 17.768 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

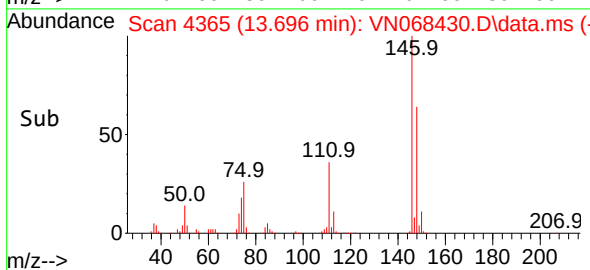
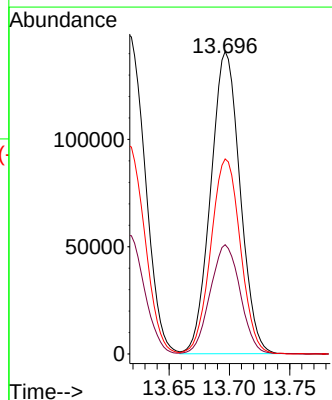
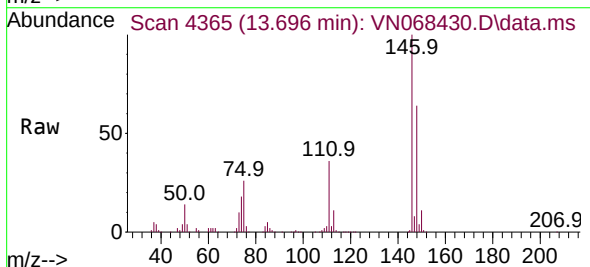
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

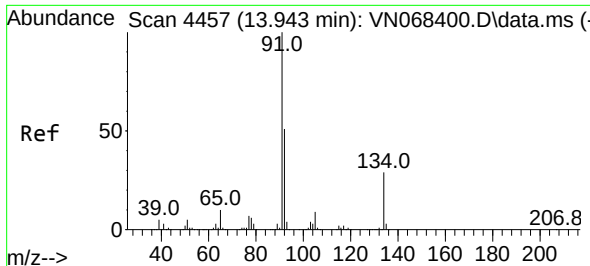
Tgt Ion:146 Resp: 257715  
Ion Ratio Lower Upper  
146 100  
111 36.6 25.0 75.0  
148 64.3 32.6 97.7



#84  
1,4-Dichlorobenzene  
Concen: 17.066 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion:146 Resp: 238646  
Ion Ratio Lower Upper  
146 100  
111 36.8 23.6 71.0  
148 65.1 31.8 95.3

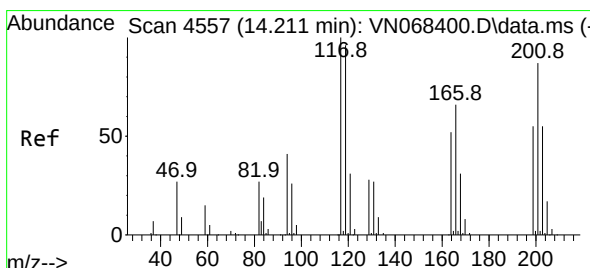
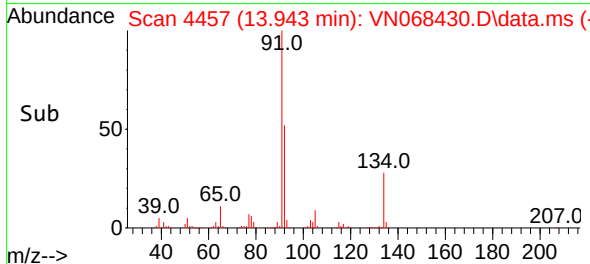
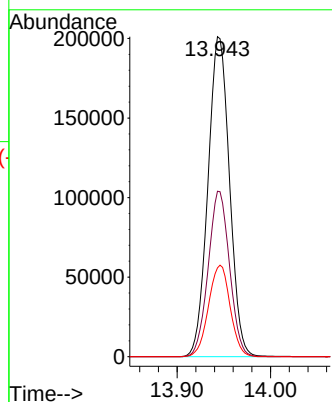
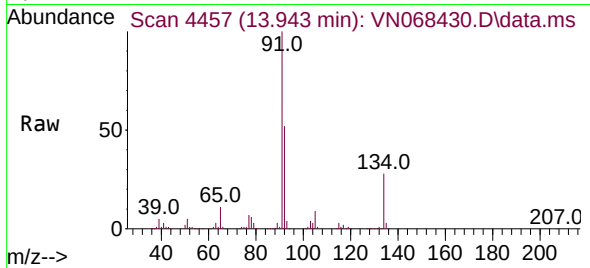




#85  
n-Butylbenzene  
Concen: 16.689 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

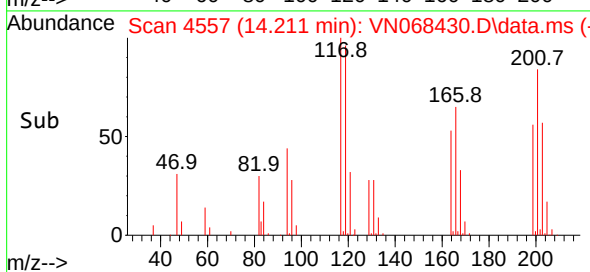
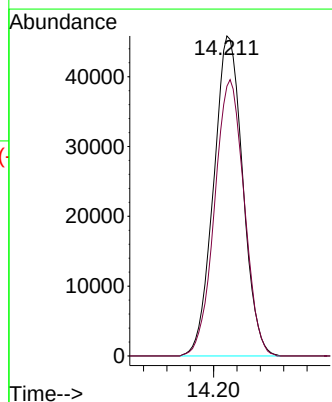
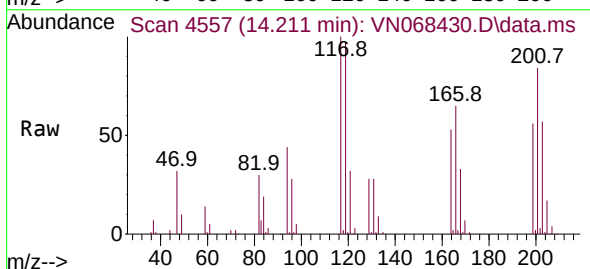
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

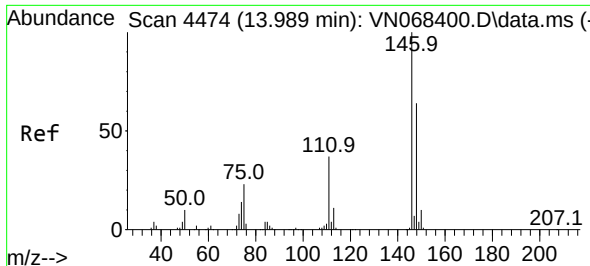
Tgt Ion: 91 Resp: 322731  
Ion Ratio Lower Upper  
91 100  
92 51.1 0.0 103.0  
134 28.7 0.0 43.6



#86  
Hexachloroethane  
Concen: 18.081 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 117 Resp: 79324  
Ion Ratio Lower Upper  
117 100  
201 87.6 33.3 99.9

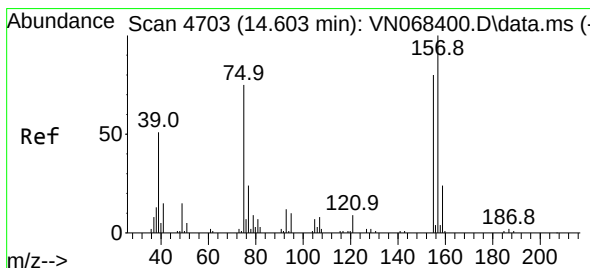
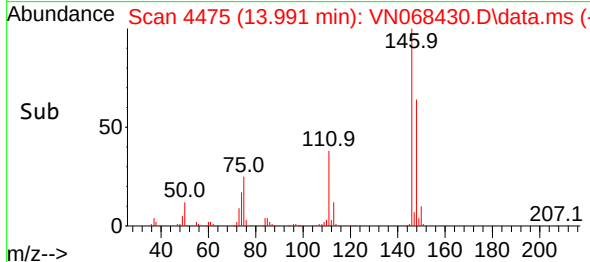
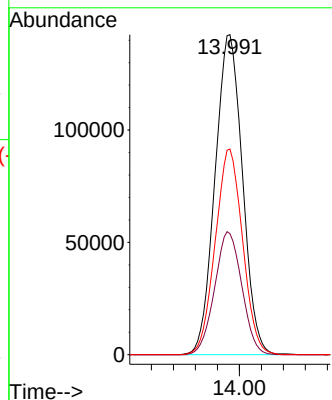
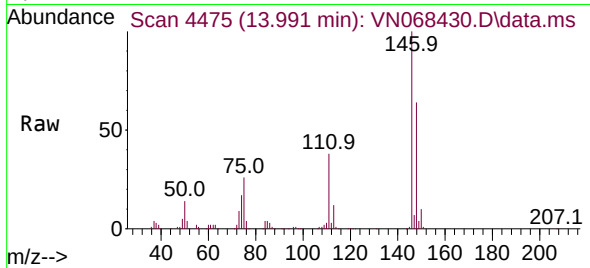




#87  
1,2-Dichlorobenzene  
Concen: 17.903 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

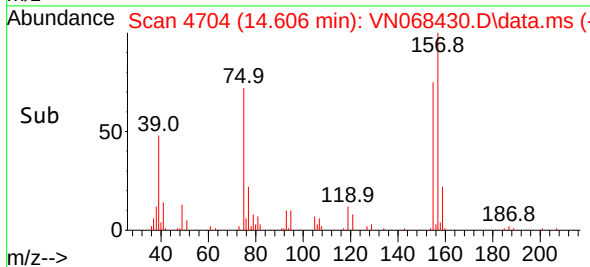
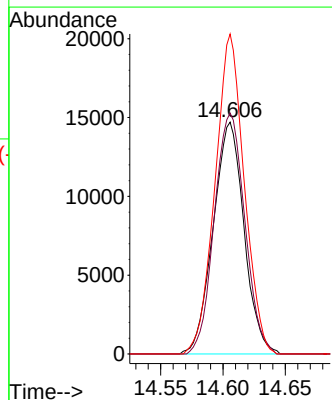
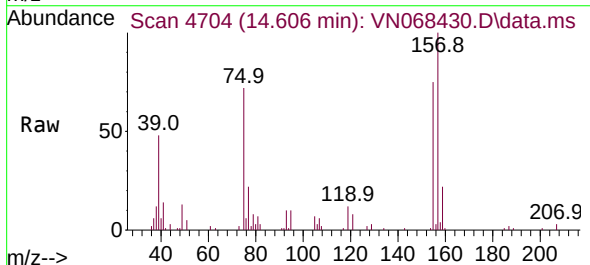
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

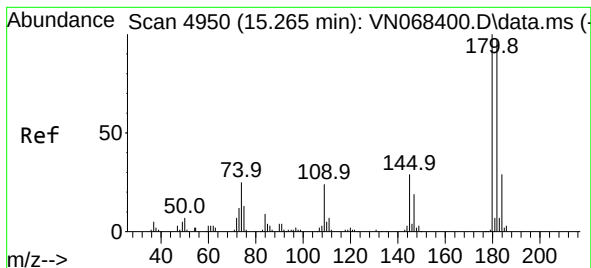
Tgt Ion:146 Resp: 246828  
Ion Ratio Lower Upper  
146 100  
111 38.0 25.0 75.0  
148 64.1 32.0 96.0



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 19.255 ug/l  
RT: 14.606 min Scan# 4704  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion: 75 Resp: 25295  
Ion Ratio Lower Upper  
75 100  
155 102.8 45.3 67.9#  
157 130.6 58.6 87.8#

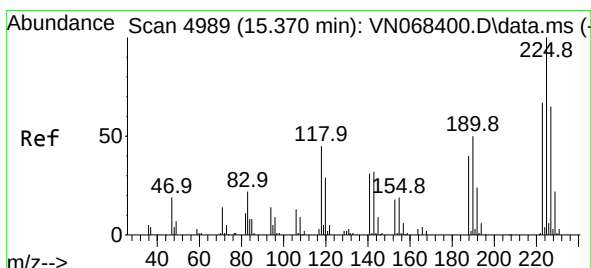
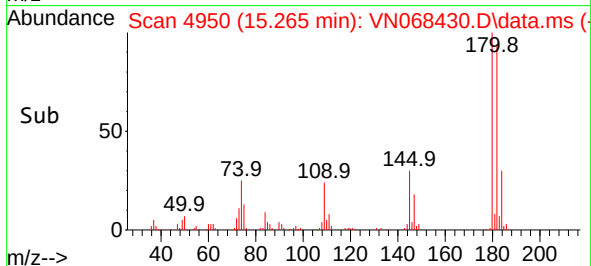
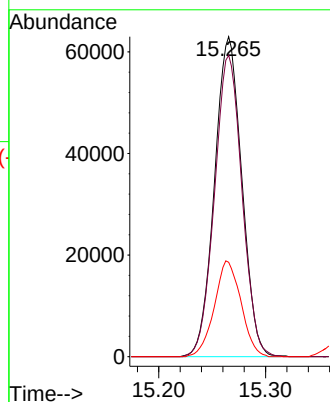
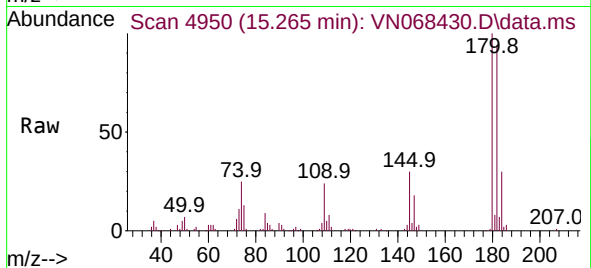




#89  
1,2,4-Trichlorobenzene  
Concen: 15.100 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

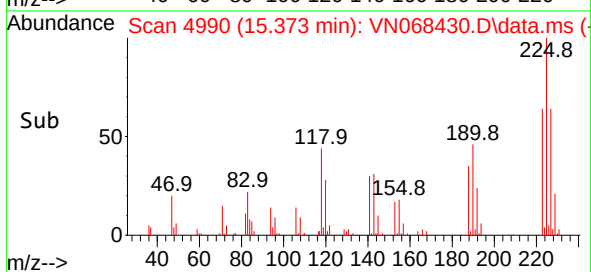
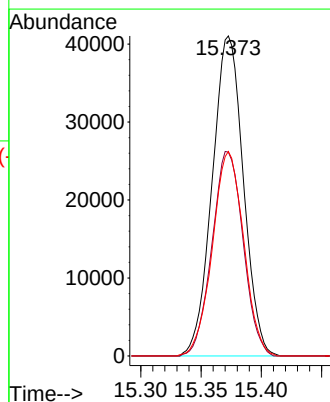
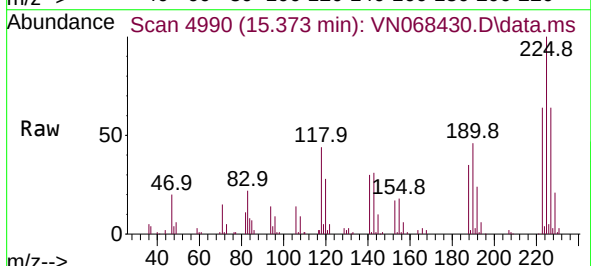
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

Tgt Ion:180 Resp: 111828  
Ion Ratio Lower Upper  
180 100  
182 94.8 75.9 113.9  
145 29.2 28.8 43.2

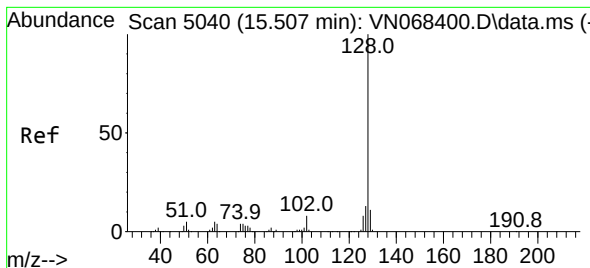


#90  
Hexachlorobutadiene  
Concen: 16.933 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion:225 Resp: 73695  
Ion Ratio Lower Upper  
225 100  
223 63.8 0.0 129.6  
227 64.0 0.0 131.2



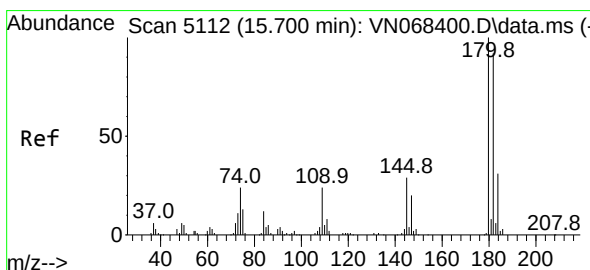
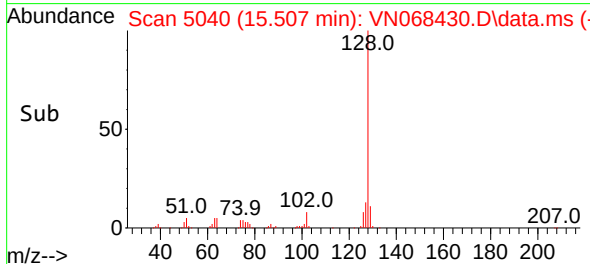
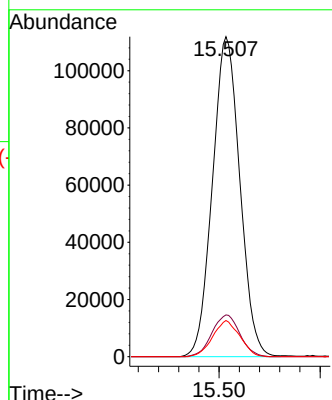
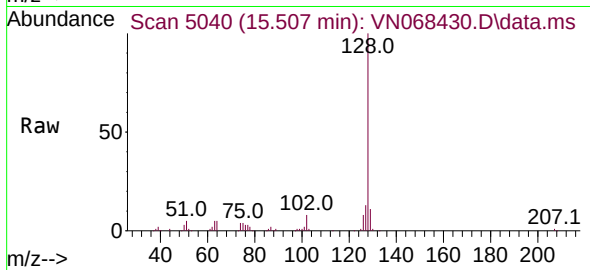




#91  
Naphthalene  
Concen: 13.437 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. 0.000 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBS01

Tgt Ion:128 Resp: 210358  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.1 15.1  
129 11.2 8.9 13.3



#92  
1,2,3-Trichlorobenzene  
Concen: 14.714 ug/l  
RT: 15.703 min Scan# 5113  
Delta R.T. 0.003 min  
Lab File: VN068430.D  
Acq: 8 Sep 2021 10:36

Tgt Ion:180 Resp: 103646  
Ion Ratio Lower Upper  
180 100  
182 94.7 0.0 184.6  
145 31.1 0.0 76.0

