

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092121\  
 Data File : VN068598.D  
 Acq On : 21 Sep 2021 21:54  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 22 03:44:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 17 11:02:11 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.088  | 168   | 653774   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.971  | 114   | 963774   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.746 | 117   | 908393   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.677 | 152   | 458342   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.440  | 65    | 333087   | 55.542   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 111.080% |
| 35) Dibromofluoromethane     | 8.024  | 113   | 293314   | 50.460   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 100.920% |
| 50) Toluene-d8               | 10.443 | 98    | 1073881  | 45.398   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 90.800%  |
| 62) 4-Bromofluorobenzene     | 12.733 | 95    | 383428   | 48.892   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 97.780%  |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.073  | 85    | 236718   | 44.346   | ug/l   | 99       |
| 3) Chloromethane             | 2.301  | 50    | 238886   | 51.501   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.443  | 62    | 365339   | 45.131   | ug/l   | 99       |
| 5) Bromomethane              | 2.834  | 94    | 313448   | 45.887   | ug/l   | 98       |
| 6) Chloroethane              | 3.009  | 64    | 288685   | 48.438   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.371  | 101   | 488129   | 48.079   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.827  | 74    | 162001   | 52.904   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.215  | 101   | 271688   | 48.425   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.425  | 142   | 369674   | 46.197   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.369  | 59    | 231849   | 280.745  | ug/l # | 86       |
| 12) 1,1-Dichloroethene       | 4.186  | 96    | 244730   | 47.646   | ug/l   | 98       |
| 13) Acrolein                 | 4.041  | 56    | 115148   | 258.573  | ug/l   | 99       |
| 14) Allyl chloride           | 4.843  | 41    | 345527   | 52.959   | ug/l   | 96       |
| 15) Acrylonitrile            | 5.554  | 53    | 635697   | 277.990  | ug/l   | 98       |
| 16) Acetone                  | 4.285  | 43    | 511955   | 310.573  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.535  | 76    | 533591   | 38.688   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.854  | 43    | 329055   | 63.561   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.615  | 73    | 919395   | 53.419   | ug/l   | 100      |
| 20) Methylene Chloride       | 5.098  | 84    | 295908   | 52.967   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 5.599  | 96    | 264879   | 45.170   | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.498  | 45    | 835842   | 59.166   | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.433  | 43    | 3161556  | 299.440  | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.391  | 63    | 484383   | 50.603   | ug/l   | 100      |
| 25) 2-Butanone               | 7.335  | 43    | 827941   | 284.106  | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 7.329  | 77    | 395527   | 44.755   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.327  | 96    | 337133   | 48.949   | ug/l   | 96       |
| 28) Bromochloromethane       | 7.659  | 49    | 196671   | 52.798   | ug/l   | 85       |
| 29) Tetrahydrofuran          | 7.683  | 42    | 549876   | 289.035  | ug/l   | 95       |
| 30) Chloroform               | 7.820  | 83    | 585211   | 51.676   | ug/l   | 99       |
| 31) Cyclohexane              | 8.099  | 56    | 403484   | 44.397   | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 546124   | 51.982   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.222  | 75    | 383300   | 47.703   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.412  | 43    | 352422   | 57.660   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.212  | 117   | 486092   | 50.498   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.461  | 83    | 457387   | 44.993   | ug/l   | 95       |
| 40) Benzene                  | 8.461  | 78    | 1193637  | 50.186   | ug/l   | 100      |

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 ALS Vial : 25 Sample Multiplier: 1

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 Quant Title : SW846 8260  
 QLast Update : Fri Sep 17 11:02:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.640  | 41   | 171776   | 57.111  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.533  | 62   | 442127   | 53.651  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 661764   | 61.368  | ug/l   | 93       |
| 44) Trichloroethene           | 9.217  | 130  | 337207   | 44.779  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 293428   | 51.677  | ug/l   | 99       |
| 46) Dibromomethane            | 9.579  | 93   | 232302   | 50.824  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.764  | 83   | 469692   | 54.156  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.561  | 41   | 266303   | 59.138  | ug/l # | 91       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 101300   | 980.649 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 1920095  | 311.918 | ug/l   | 96       |
| 52) Toluene                   | 10.507 | 92   | 826275   | 52.360  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 469249   | 56.474  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 483409   | 53.092  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.902 | 97   | 336182   | 53.682  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 476222   | 61.226  | ug/l   | 88       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 518851   | 53.760  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 250715   | 309.578 | ug/l   | 94       |
| 59) 2-Hexanone                | 11.087 | 43   | 1357222  | 329.218 | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.240 | 129  | 409758   | 47.835  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 357310   | 53.814  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.979 | 164  | 319808   | 39.722  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.773 | 112  | 916243   | 49.094  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 383576   | 52.279  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 1627912  | 53.299  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.956 | 106  | 1295826  | 105.365 | ug/l   | 94       |
| 69) o-Xylene                  | 12.283 | 106  | 640541   | 53.454  | ug/l   | 93       |
| 70) Styrene                   | 12.296 | 104  | 1052611  | 49.806  | ug/l   | 98       |
| 71) Bromoform                 | 12.460 | 173  | 319508   | 46.356  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.581 | 105  | 1686696  | 51.733  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.390 | 43   | 497000   | 68.345  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 486104   | 53.183  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 571859   | 91.643  | ug/l # | 1        |
| 77) Bromobenzene              | 12.862 | 156  | 437301   | 48.490  | ug/l   | 88       |
| 78) n-propylbenzene           | 12.924 | 91   | 1849049  | 53.709  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 1117111  | 52.634  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 1430408  | 54.005  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 127363   | 61.583  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 1084318  | 52.978  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 1285269  | 53.147  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 1386662  | 54.588  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 1727203  | 54.167  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 1454302  | 54.034  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 766550   | 48.990  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 740857   | 48.038  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.943 | 91   | 1068181  | 54.482  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.211 | 117  | 272463   | 57.672  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 745566   | 49.396  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 83041    | 57.238  | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 331629   | 39.381  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 232427   | 52.178  | ug/l   | 99       |
| 95) Naphthalene               | 15.509 | 128  | 687324   | 38.728  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 309779   | 39.033  | ug/l   | 98       |

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Sample : VSTDCCC050  
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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

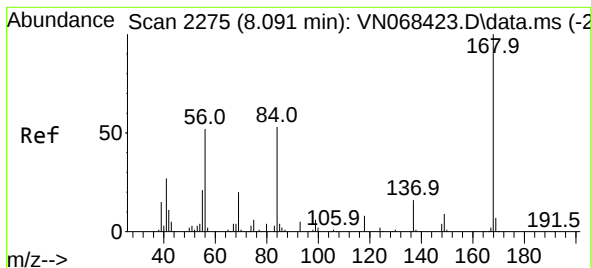
Quant Time: Sep 22 03:44:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 17 11:02:11 2021  
Response via : Initial Calibration

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

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.003 min

Lab File: VN068598.D

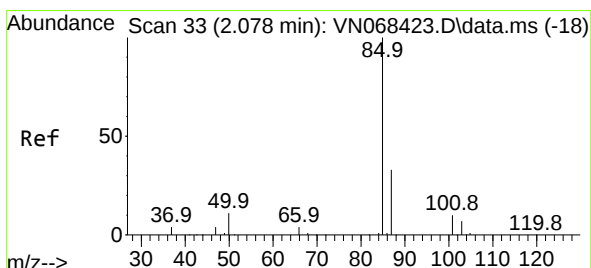
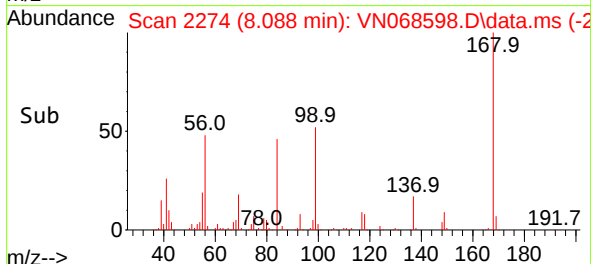
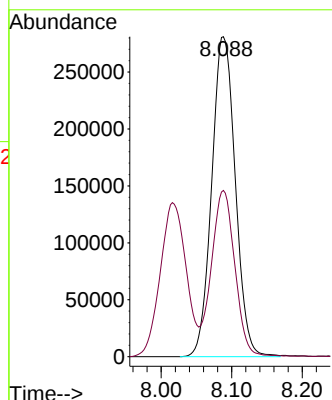
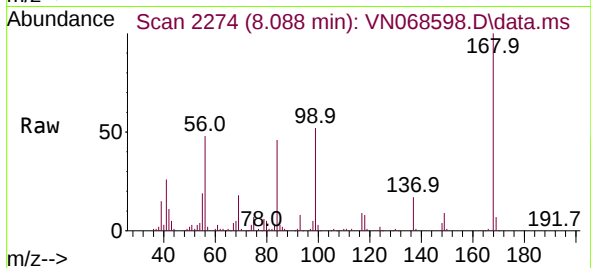
Acq: 21 Sep 2021 21:54

Tgt Ion:168 Resp: 653774

Ion Ratio Lower Upper

168 100

99 51.7 38.2 57.4



#2

Dichlorodifluoromethane

Concen: 44.346 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.005 min

Lab File: VN068598.D

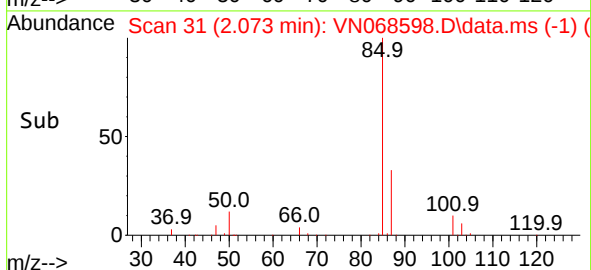
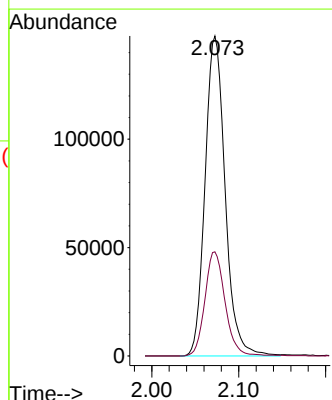
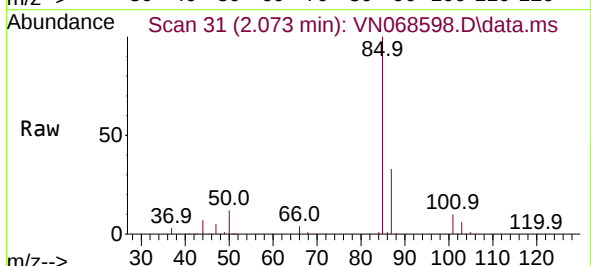
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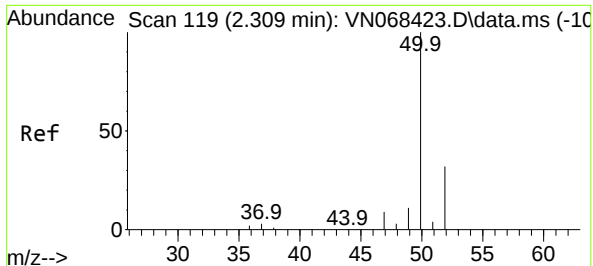
Tgt Ion: 85 Resp: 236718

Ion Ratio Lower Upper

85 100

87 32.6 16.5 49.5

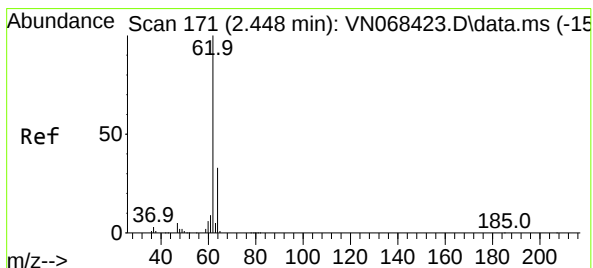
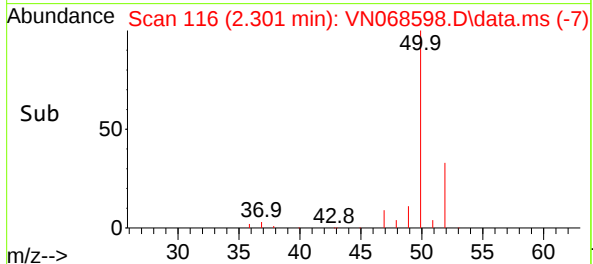
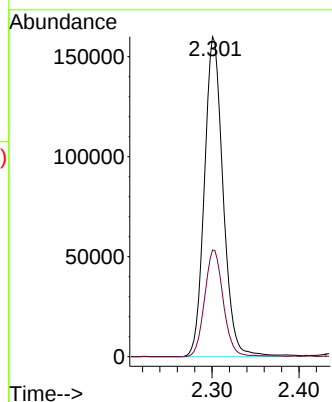
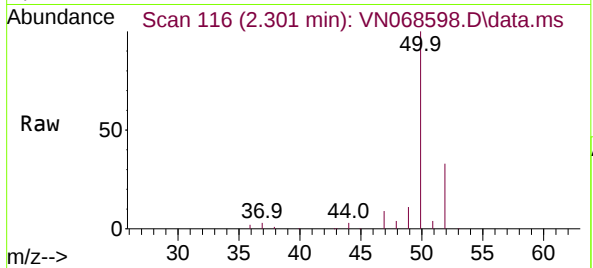




#3  
Chloromethane  
Concen: 51.501 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. -0.008 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

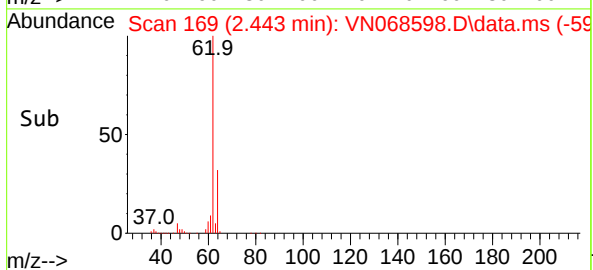
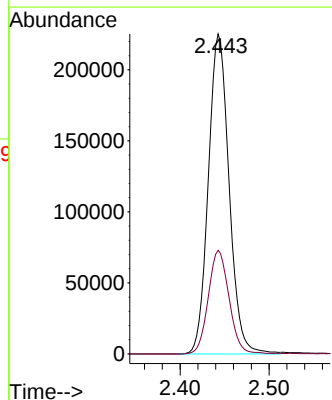
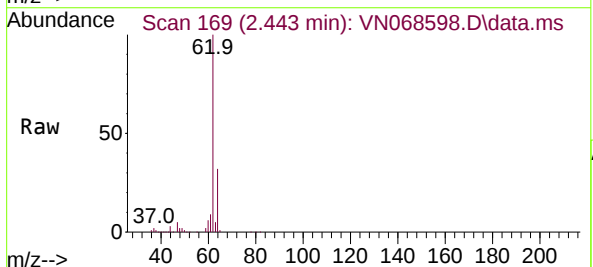
Instrument :  
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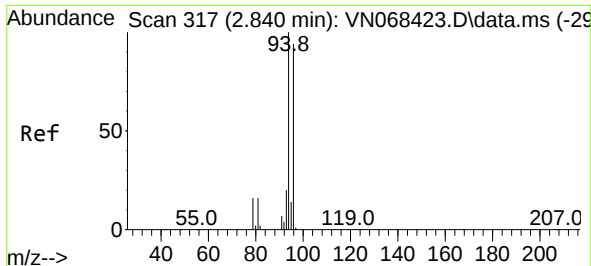
Tgt Ion: 50 Resp: 238886  
Ion Ratio Lower Upper  
50 100  
52 33.4 25.8 38.6



#4  
Vinyl Chloride  
Concen: 45.131 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.005 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

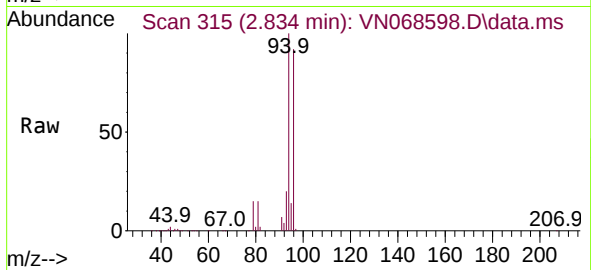
Tgt Ion: 62 Resp: 365339  
Ion Ratio Lower Upper  
62 100  
64 32.4 26.3 39.5



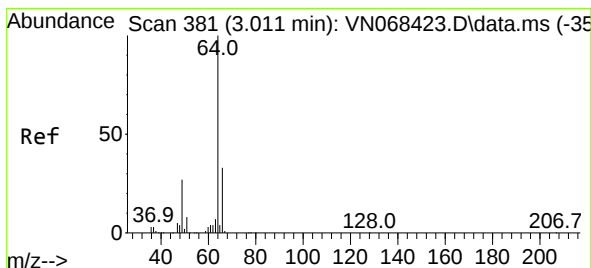
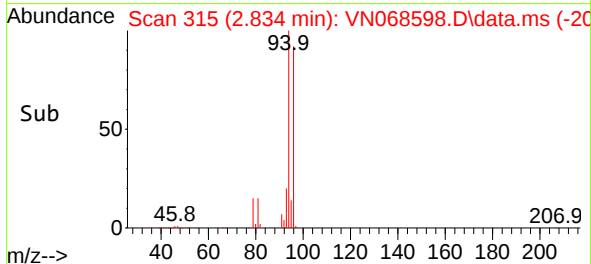
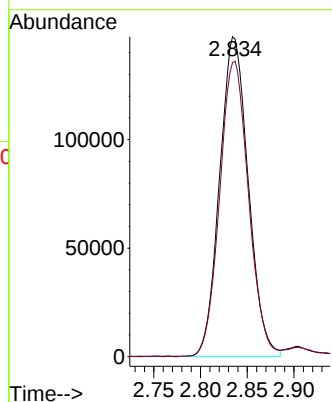


#5  
Bromomethane  
Concen: 45.887 ug/l  
RT: 2.834 min Scan# 315  
Delta R.T. -0.006 min  
Lab File: VN068598.D  
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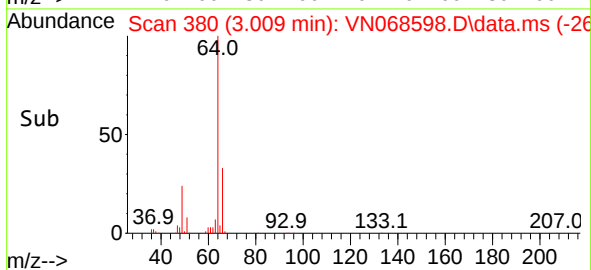
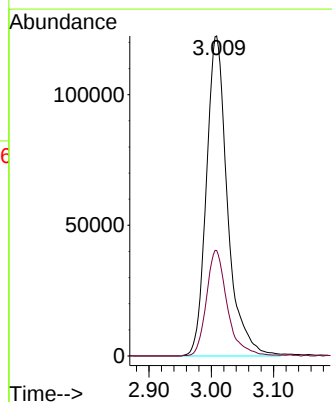
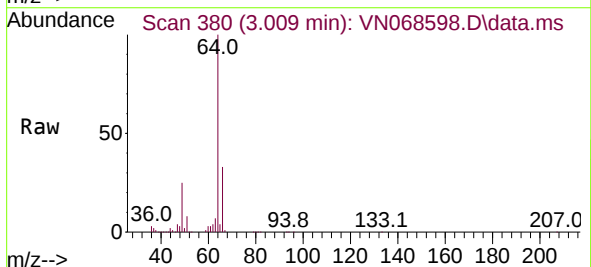


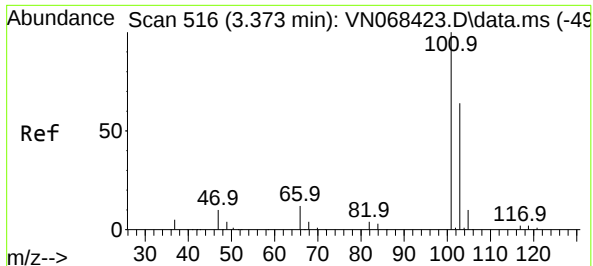
Tgt Ion: 94 Resp: 313448  
Ion Ratio Lower Upper  
94 100  
96 91.9 75.4 113.0



#6  
Chloroethane  
Concen: 48.438 ug/l  
RT: 3.009 min Scan# 380  
Delta R.T. -0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 64 Resp: 288685  
Ion Ratio Lower Upper  
64 100  
66 33.0 26.6 40.0

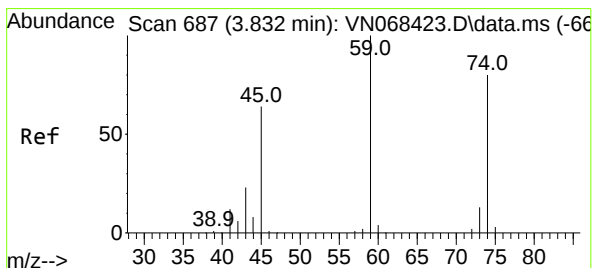
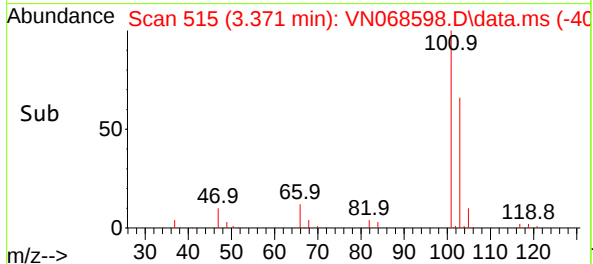
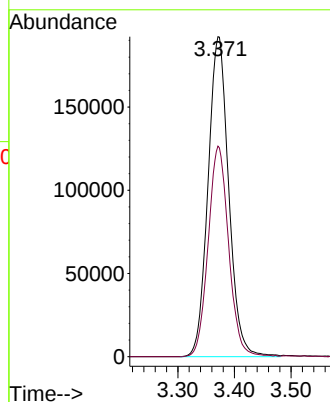
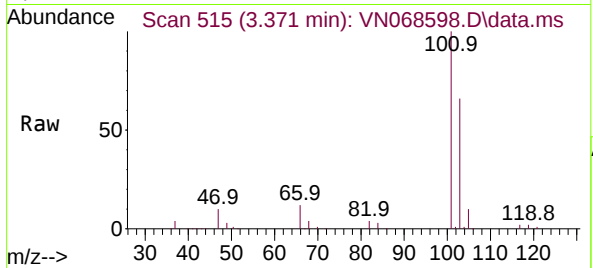




#7  
 Trichlorofluoromethane  
 Concen: 48.079 ug/l  
 RT: 3.371 min Scan# 515  
 Delta R.T. -0.002 min  
 Lab File: VN068598.D  
 Acq: 21 Sep 2021 21:54

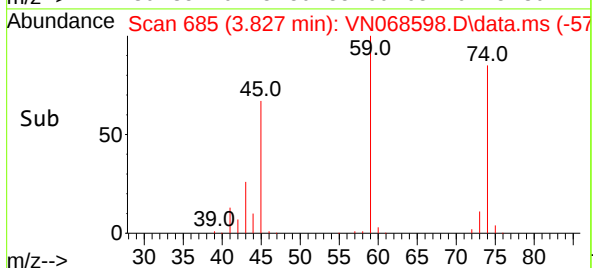
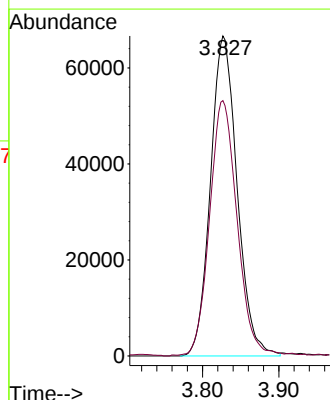
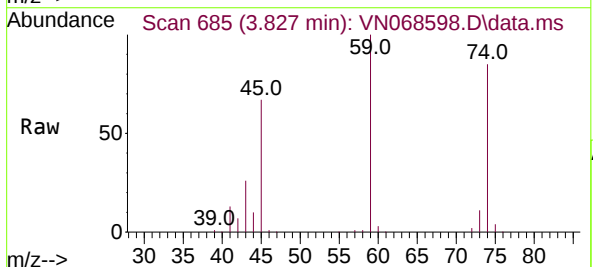
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

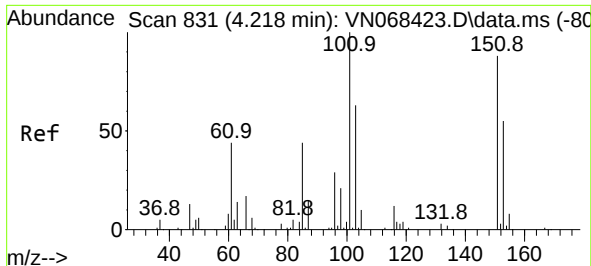
Tgt Ion:101 Resp: 488129  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 52.904 ug/l  
 RT: 3.827 min Scan# 685  
 Delta R.T. -0.005 min  
 Lab File: VN068598.D  
 Acq: 21 Sep 2021 21:54

Tgt Ion: 74 Resp: 162001  
 Ion Ratio Lower Upper  
 74 100  
 45 81.4 38.6 116.0

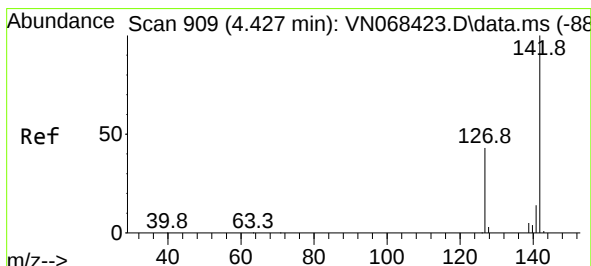
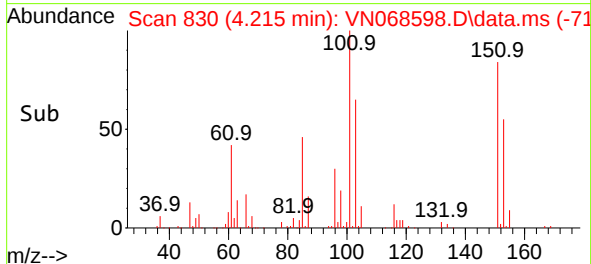
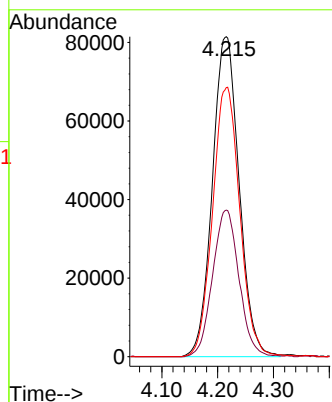
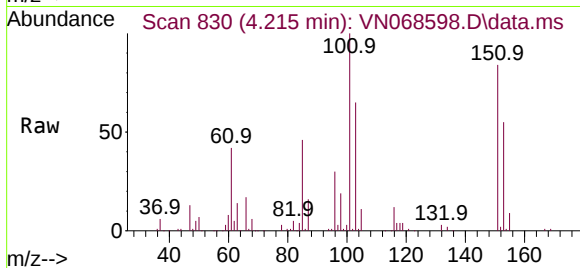




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.425 ug/l  
RT: 4.215 min Scan# 830  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

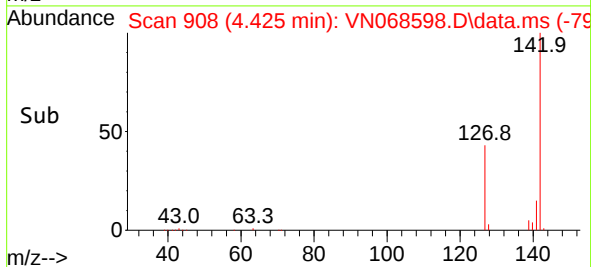
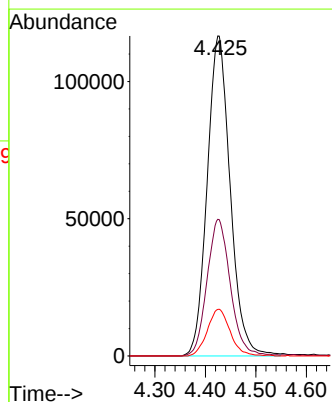
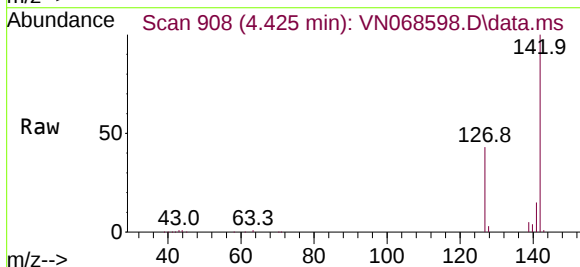
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

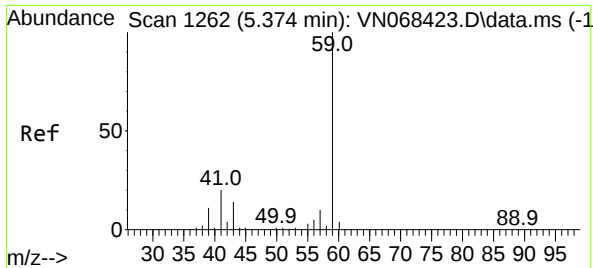
Tgt Ion:101 Resp: 271688  
Ion Ratio Lower Upper  
101 100  
85 45.1 35.7 53.5  
151 85.9 71.6 107.4



#10  
Methyl Iodide  
Concen: 46.197 ug/l  
RT: 4.425 min Scan# 908  
Delta R.T. -0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion:142 Resp: 369674  
Ion Ratio Lower Upper  
142 100  
127 43.1 34.7 52.1  
141 14.5 11.3 16.9

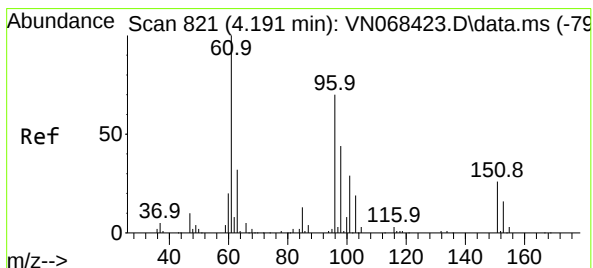
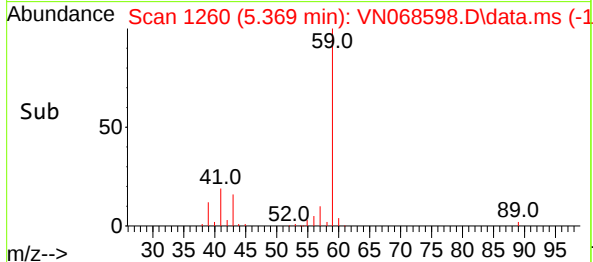
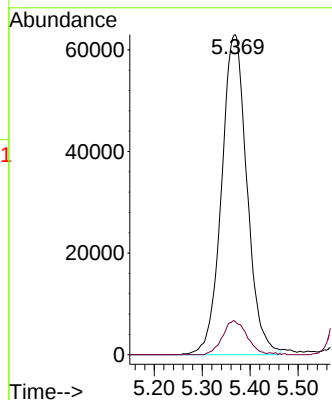
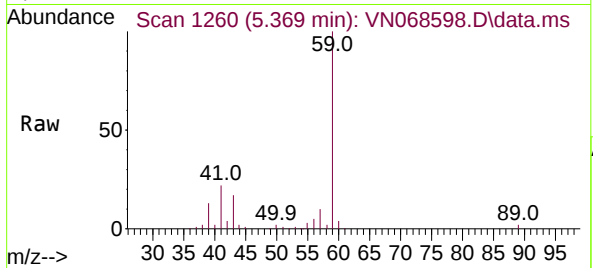




#11  
Tert butyl alcohol  
Concen: 280.745 ug/l  
RT: 5.369 min Scan# 1260  
Delta R.T. -0.005 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

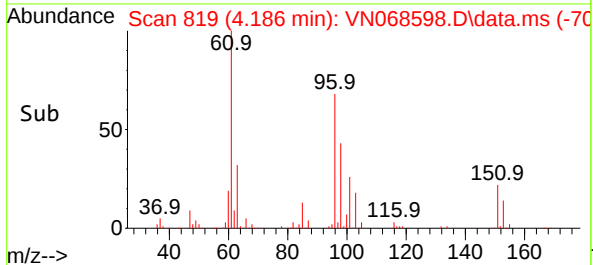
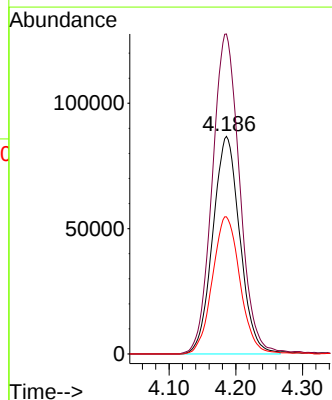
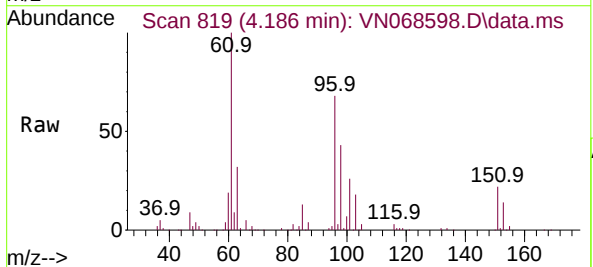
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

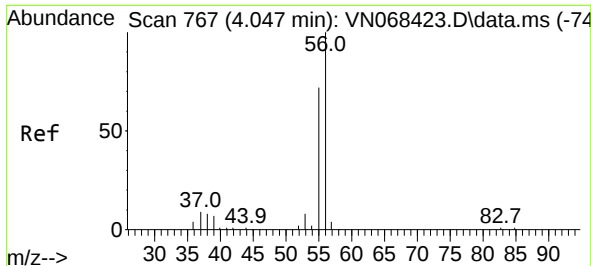
Tgt Ion: 59 Resp: 231849  
Ion Ratio Lower Upper  
59 100  
57 10.1 4.3 6.5#



#12  
1,1-Dichloroethene  
Concen: 47.646 ug/l  
RT: 4.186 min Scan# 819  
Delta R.T. -0.005 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 96 Resp: 244730  
Ion Ratio Lower Upper  
96 100  
61 147.0 114.7 172.1  
98 63.0 50.9 76.3

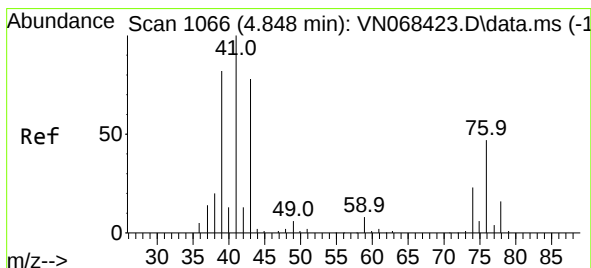
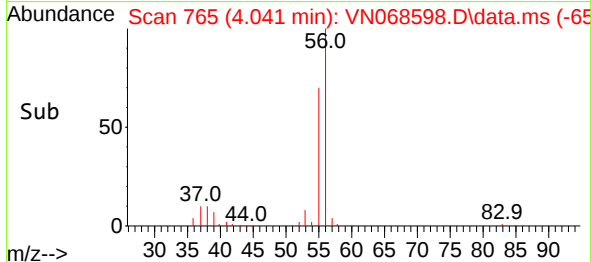
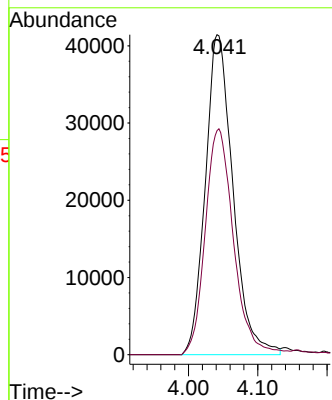
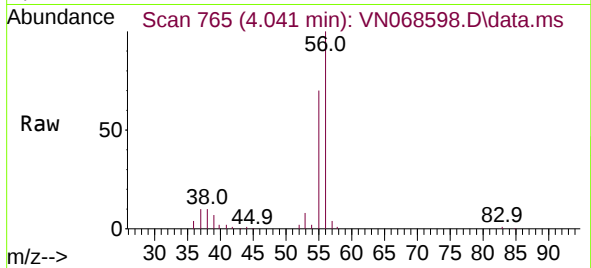




#13  
Acrolein  
Concen: 258.573 ug/l  
RT: 4.041 min Scan# 765  
Delta R.T. -0.006 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

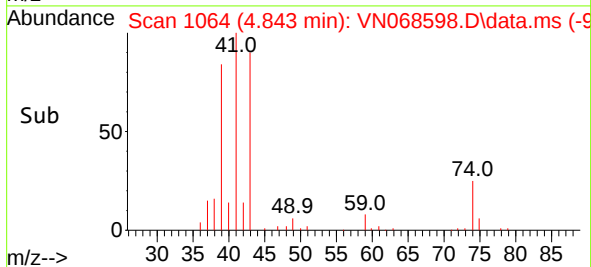
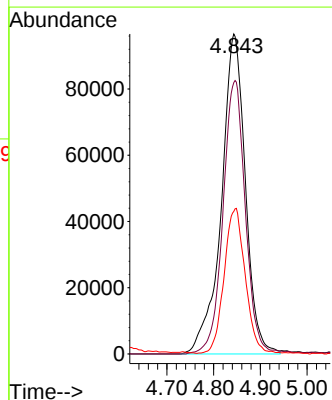
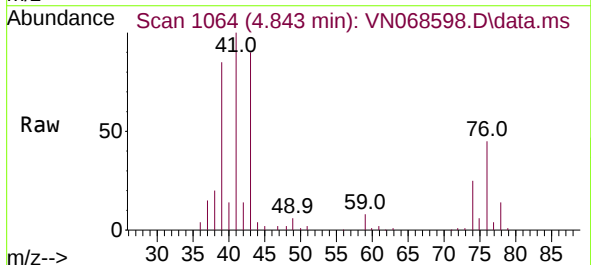
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

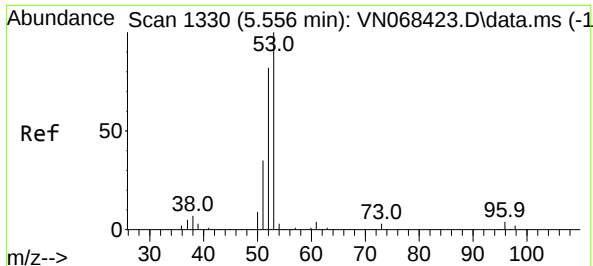
Tgt Ion: 56 Resp: 115148  
Ion Ratio Lower Upper  
56 100  
55 72.1 56.8 85.2



#14  
Allyl chloride  
Concen: 52.959 ug/l  
RT: 4.843 min Scan# 1064  
Delta R.T. -0.005 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 41 Resp: 345527  
Ion Ratio Lower Upper  
41 100  
39 79.5 62.0 93.0  
76 39.7 34.6 52.0





#15

Acrylonitrile

Concen: 277.990 ug/l

RT: 5.554 min Scan# 1329

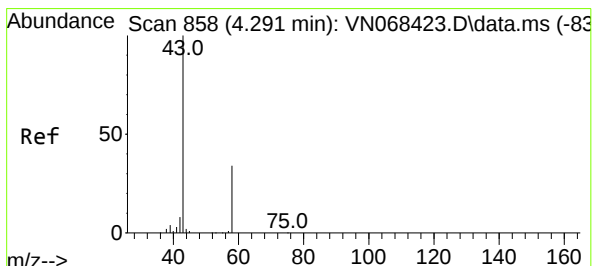
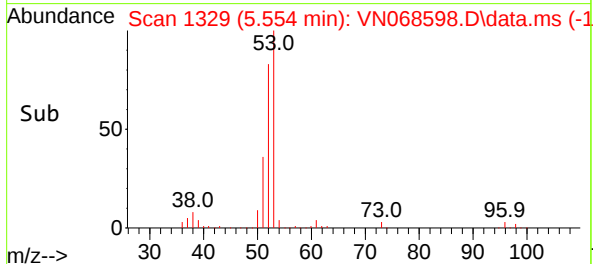
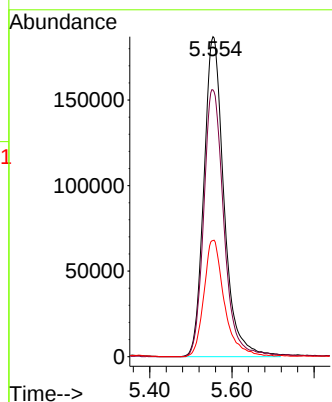
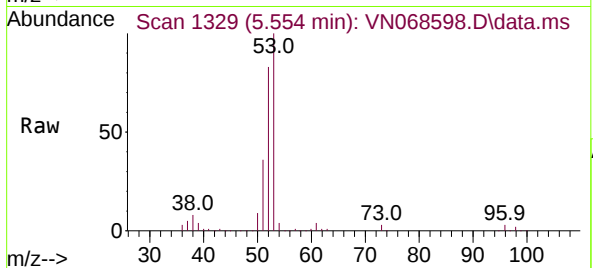
Delta R.T. -0.002 min

Lab File: VN068598.D

Acq: 21 Sep 2021 21:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 53    | Resp: | 635697 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.3  | 64.5  | 96.7   |
| 51        | 37.0  | 29.5  | 44.3   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



#16

Acetone

Concen: 310.573 ug/l

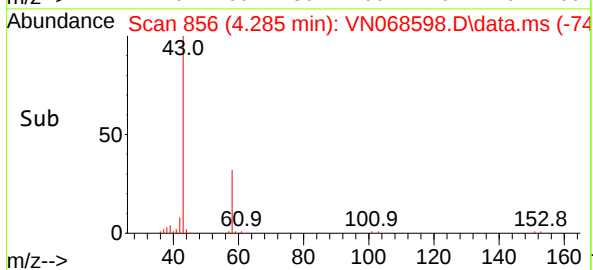
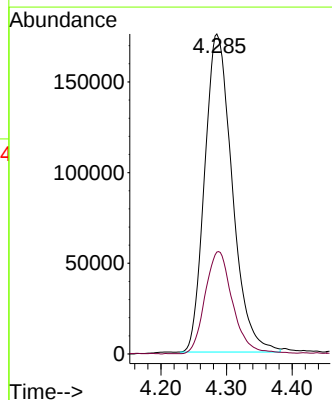
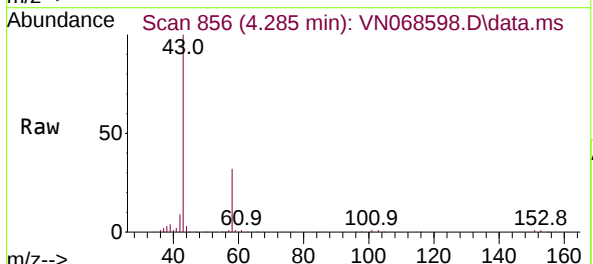
RT: 4.285 min Scan# 856

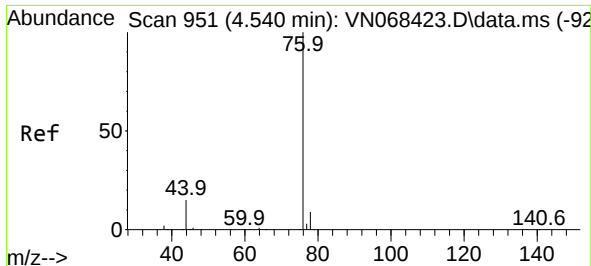
Delta R.T. -0.006 min

Lab File: VN068598.D

Acq: 21 Sep 2021 21:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 511955 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 31.9  | 27.0  | 40.6   |

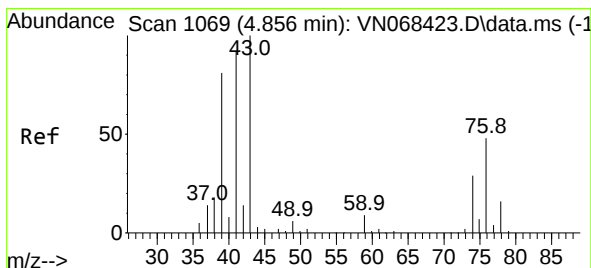
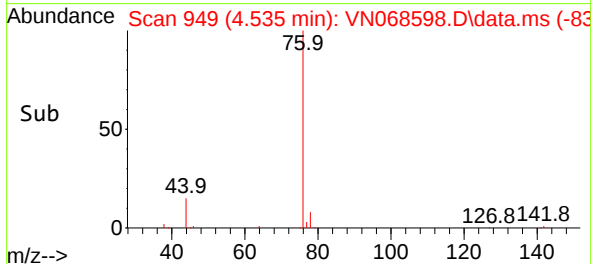
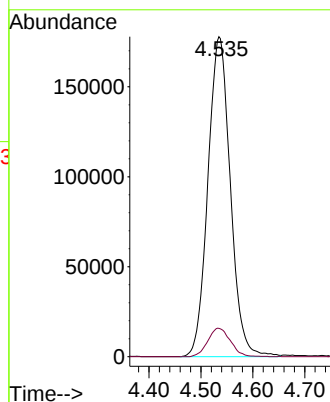
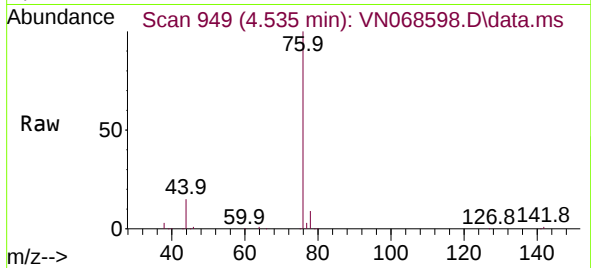




#17  
Carbon Disulfide  
Concen: 38.688 ug/l  
RT: 4.535 min Scan# 949  
Delta R.T. -0.005 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

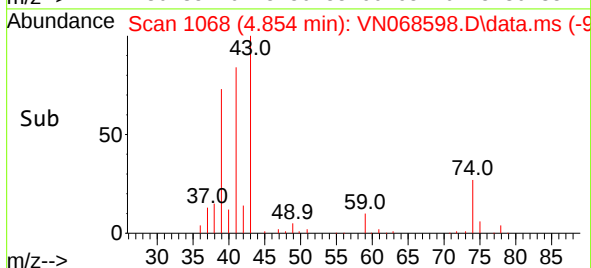
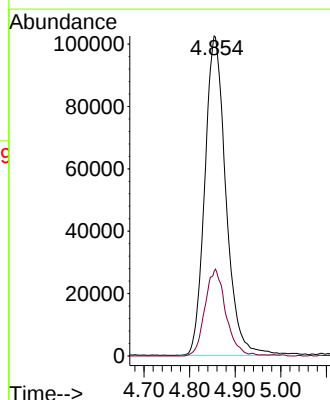
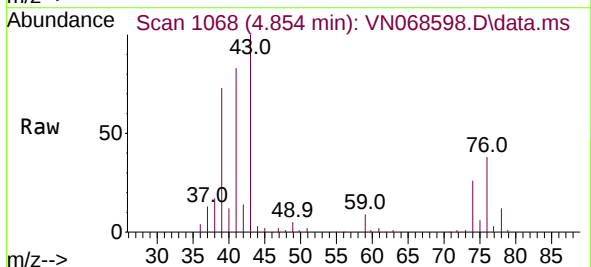
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

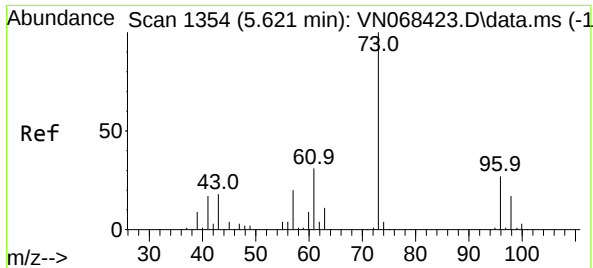
Tgt Ion: 76 Resp: 533591  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.2



#18  
Methyl Acetate  
Concen: 63.561 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. -0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 43 Resp: 329055  
Ion Ratio Lower Upper  
43 100  
74 26.6 23.5 35.3



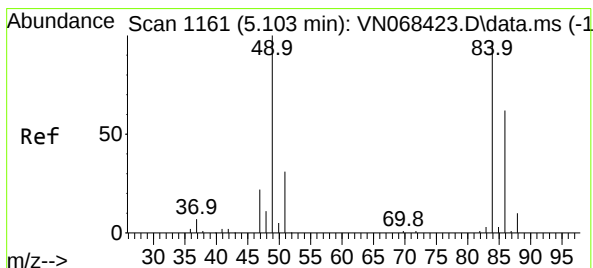
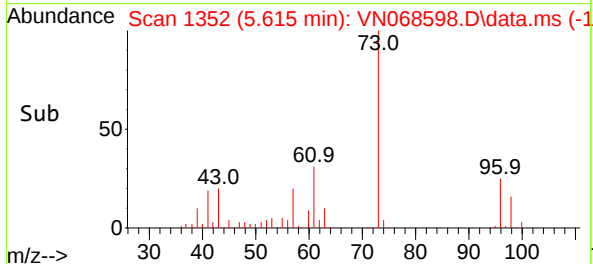
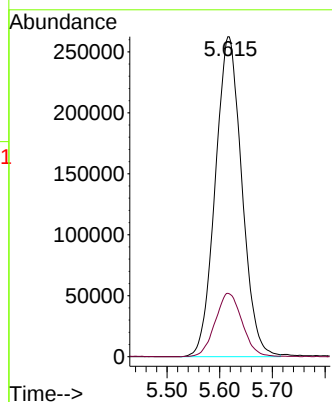
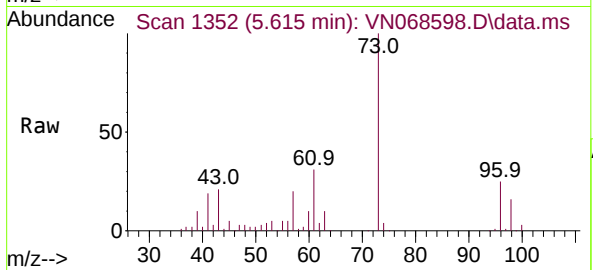


#19

Methyl tert-butyl Ether  
Concen: 53.419 ug/l  
RT: 5.615 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

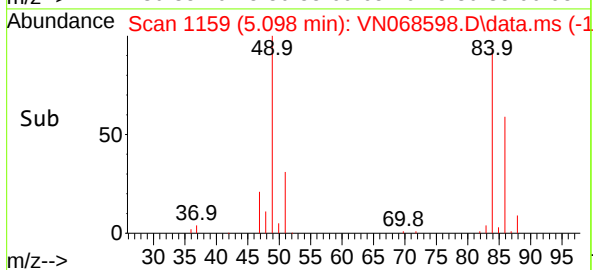
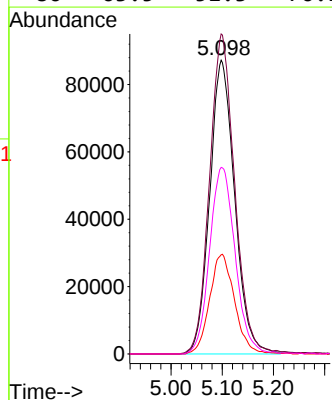
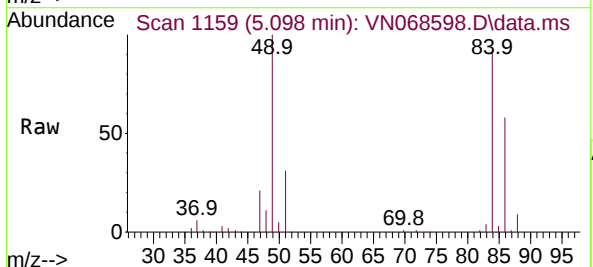
Tgt Ion: 73 Resp: 919395  
Ion Ratio Lower Upper  
73 100  
57 19.8 15.9 23.9

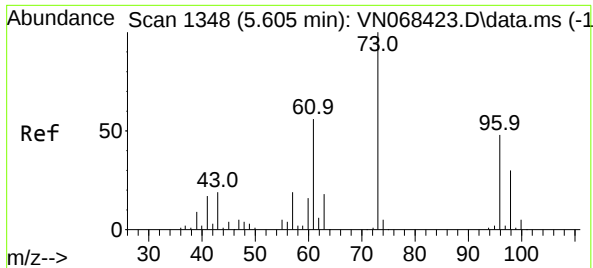


#20

Methylene Chloride  
Concen: 52.967 ug/l  
RT: 5.098 min Scan# 1159  
Delta R.T. -0.005 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 84 Resp: 295908  
Ion Ratio Lower Upper  
84 100  
49 108.9 83.0 124.6  
51 33.8 25.4 38.0  
86 63.5 51.3 76.9

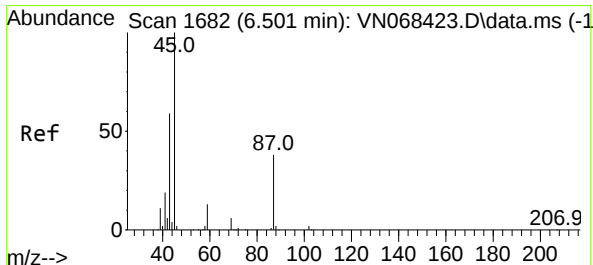
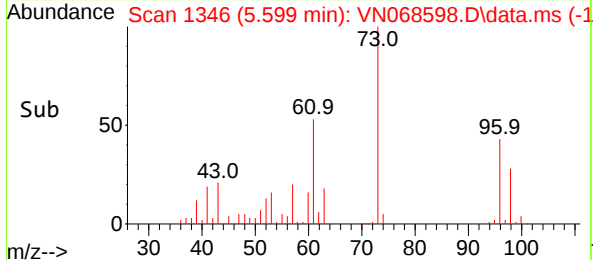
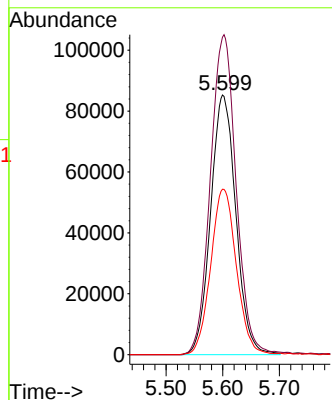
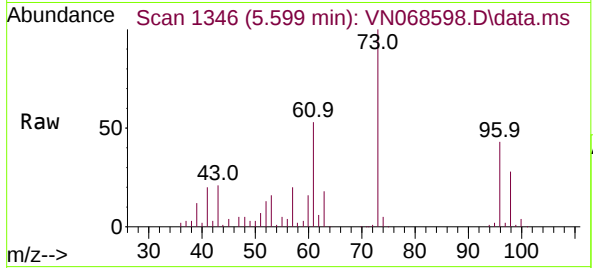




#21  
trans-1,2-Dichloroethene  
Concen: 45.170 ug/l  
RT: 5.599 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

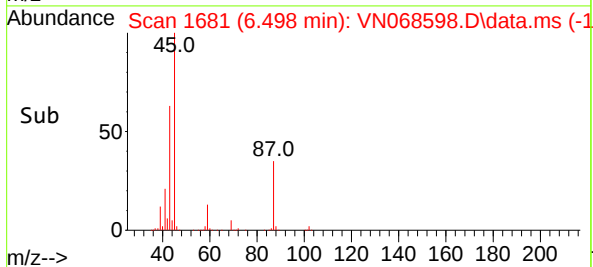
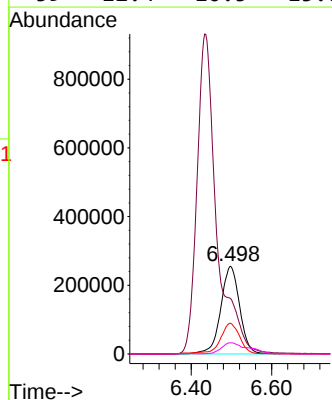
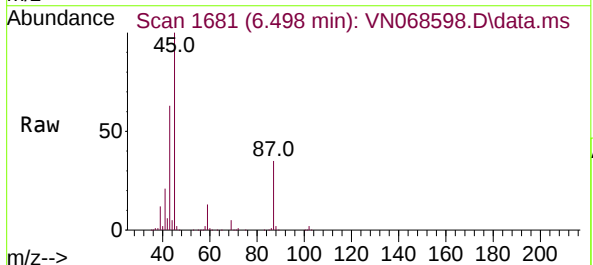
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

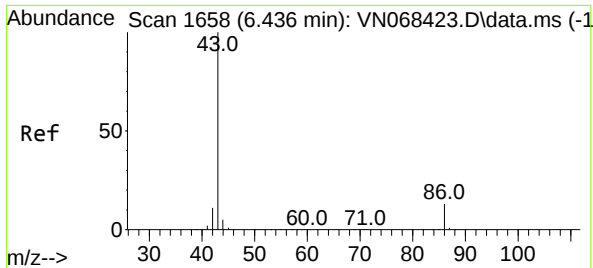
Tgt Ion: 96 Resp: 264879  
Ion Ratio Lower Upper  
96 100  
61 122.3 94.6 142.0  
98 63.7 50.2 75.4



#22  
Diisopropyl ether  
Concen: 59.166 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 45 Resp: 835842  
Ion Ratio Lower Upper  
45 100  
43 62.1 47.1 70.7  
87 35.0 30.9 46.3  
59 12.4 10.5 15.7

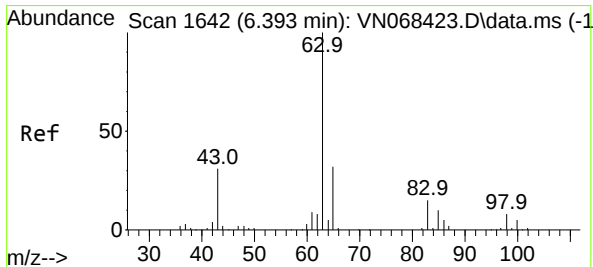
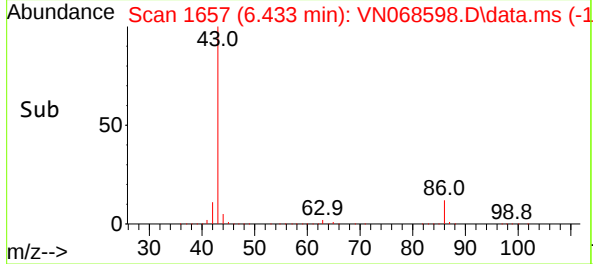
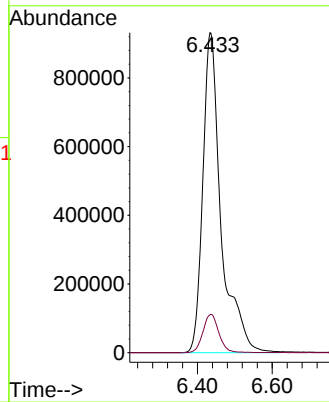
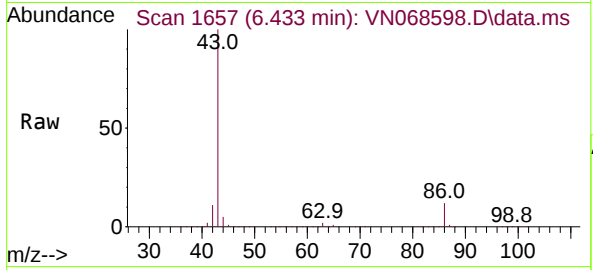




#23  
 Vinyl Acetate  
 Concen: 299.440 ug/l  
 RT: 6.433 min Scan# 1657  
 Delta R.T. -0.003 min  
 Lab File: VN068598.D  
 Acq: 21 Sep 2021 21:54

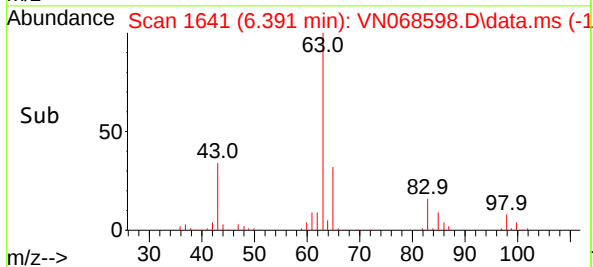
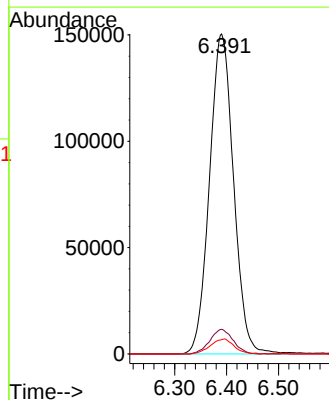
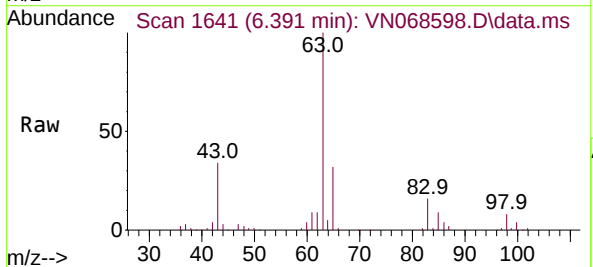
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

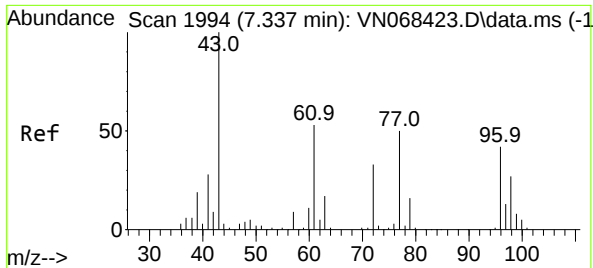
Tgt Ion: 43 Resp: 3161556  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 10.7 16.1



#24  
 1,1-Dichloroethane  
 Concen: 50.603 ug/l  
 RT: 6.391 min Scan# 1641  
 Delta R.T. -0.002 min  
 Lab File: VN068598.D  
 Acq: 21 Sep 2021 21:54

Tgt Ion: 63 Resp: 484383  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.9 11.5  
 100 4.5 2.4 7.2

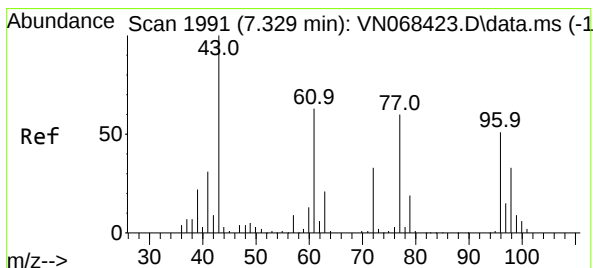
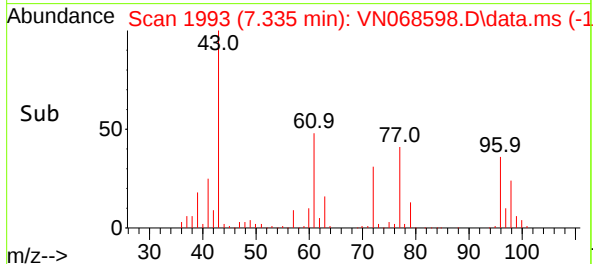
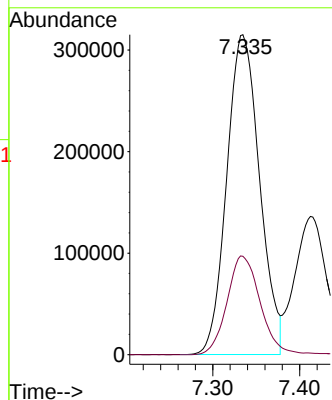
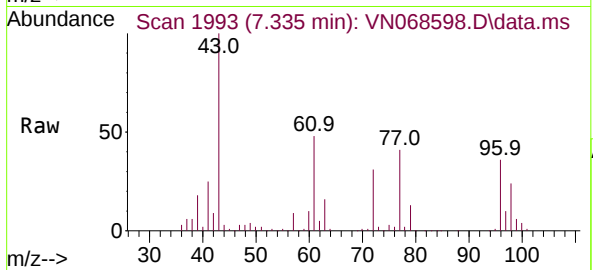




#25  
2-Butanone  
Concen: 284.106 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. -0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

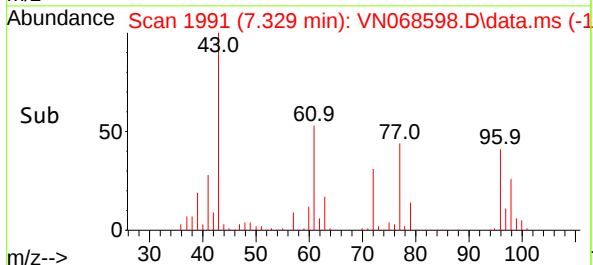
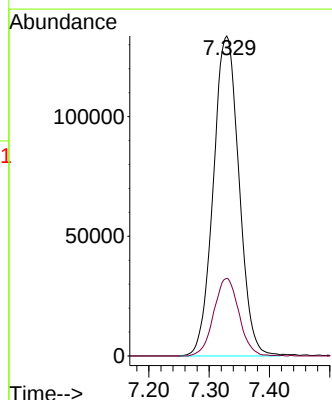
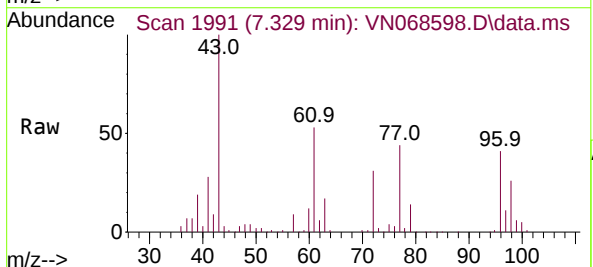
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

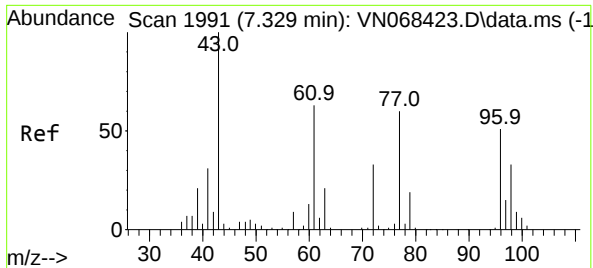
Tgt Ion: 43 Resp: 827941  
Ion Ratio Lower Upper  
43 100  
72 30.7 26.7 40.1



#26  
2,2-Dichloropropane  
Concen: 44.755 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 77 Resp: 395527  
Ion Ratio Lower Upper  
77 100  
97 23.8 12.4 37.2



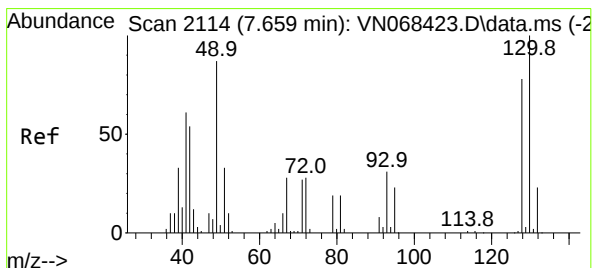
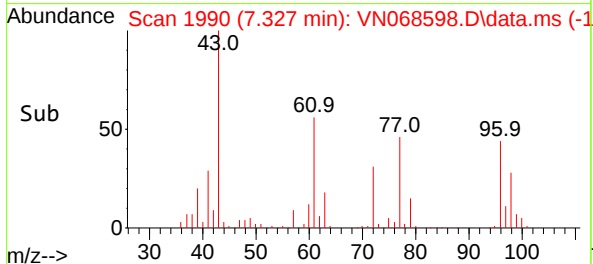
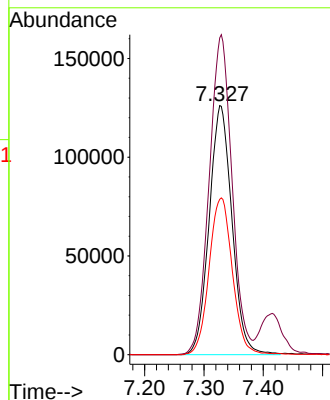
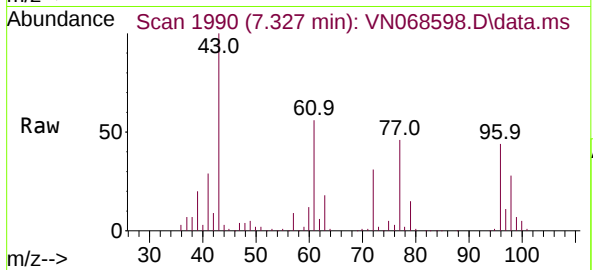


#27

cis-1,2-Dichloroethene  
Concen: 48.949 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

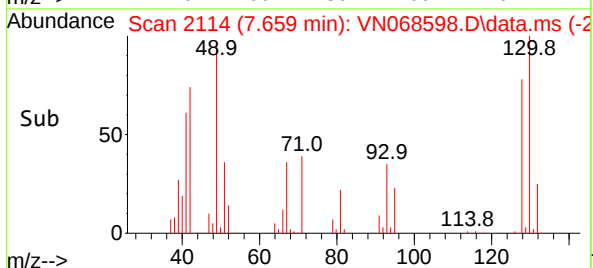
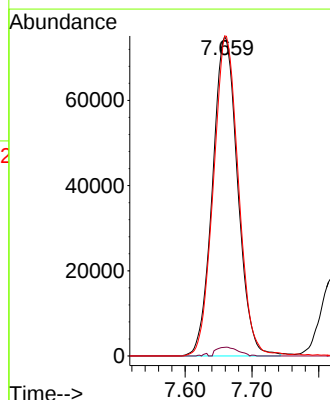
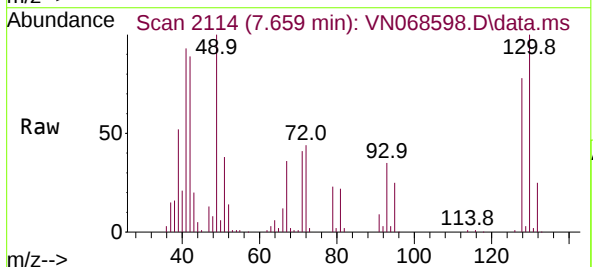
Tgt Ion: 96 Resp: 337133  
Ion Ratio Lower Upper  
96 100  
61 128.8 0.0 246.4  
98 64.1 0.0 130.4

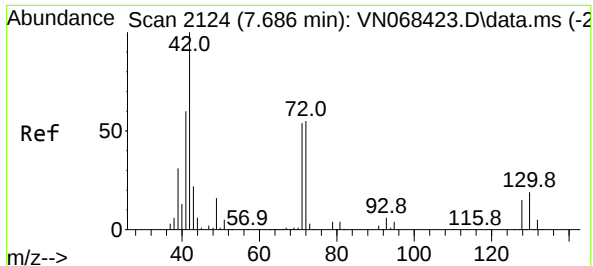


#28

Bromochloromethane  
Concen: 52.798 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 49 Resp: 196671  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 6.0  
130 99.1 92.5 138.7





#29

Tetrahydrofuran

Concen: 289.035 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. -0.003 min

Lab File: VN068598.D

Acq: 21 Sep 2021 21:54

Tgt Ion: 42 Resp: 549876

Ion Ratio Lower Upper

42 100

72 51.9 44.4 66.6

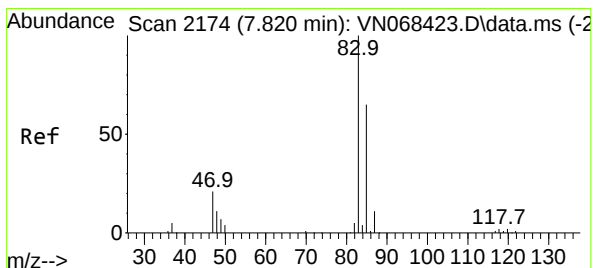
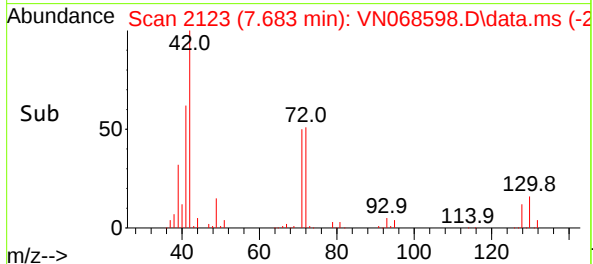
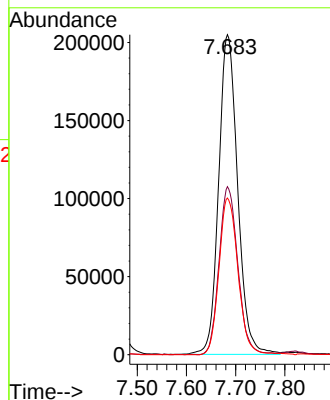
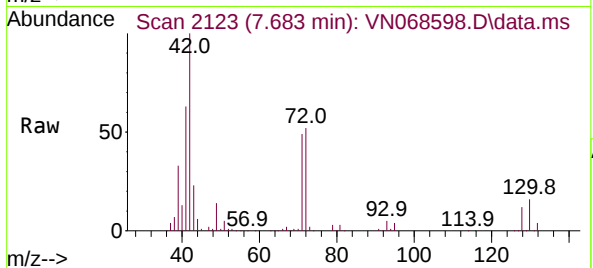
71 48.9 42.3 63.5

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



#30

Chloroform

Concen: 51.676 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN068598.D

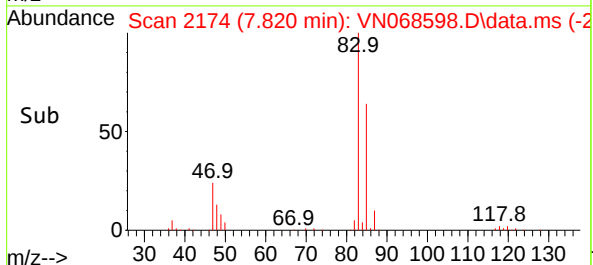
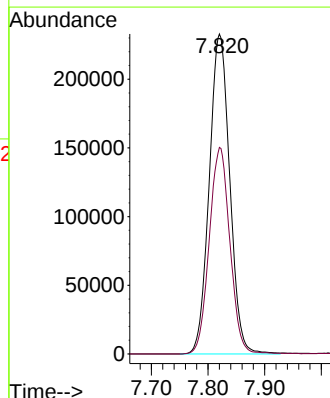
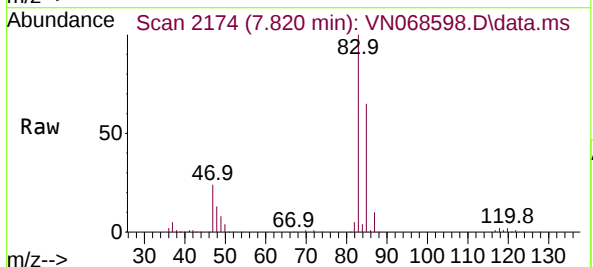
Acq: 21 Sep 2021 21:54

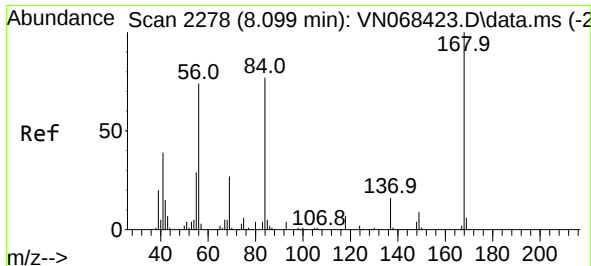
Tgt Ion: 83 Resp: 585211

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

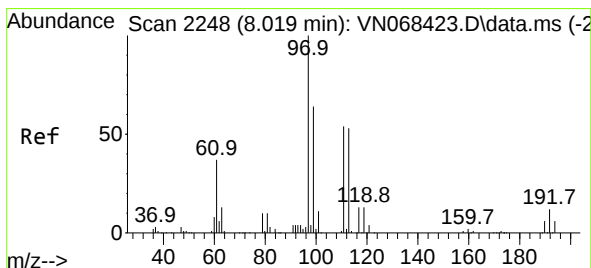
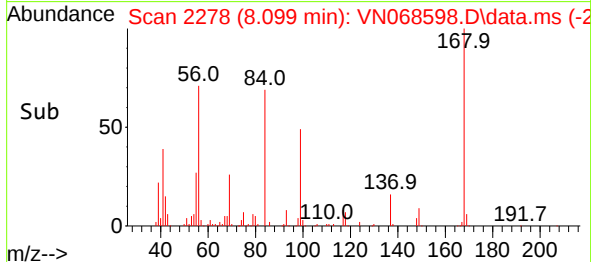
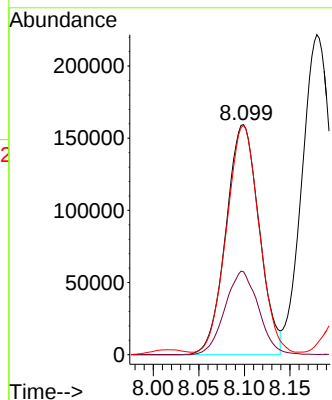
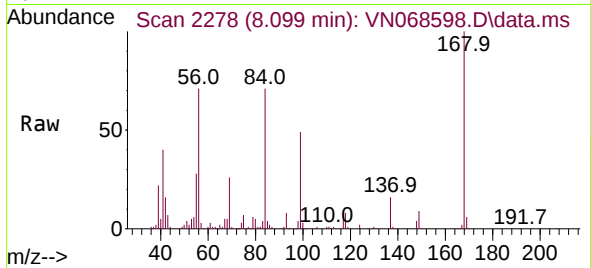




#31  
Cyclohexane  
Concen: 44.397 ug/l  
RT: 8.099 min Scan# 2278  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

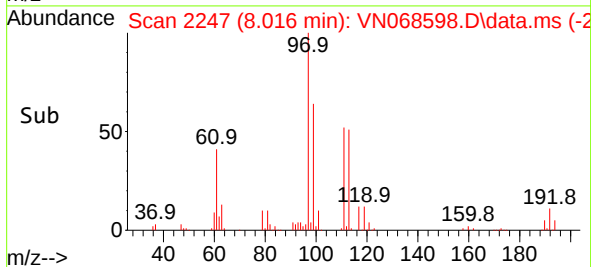
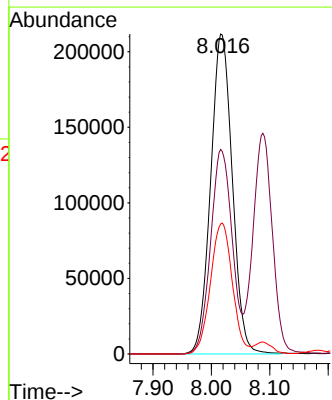
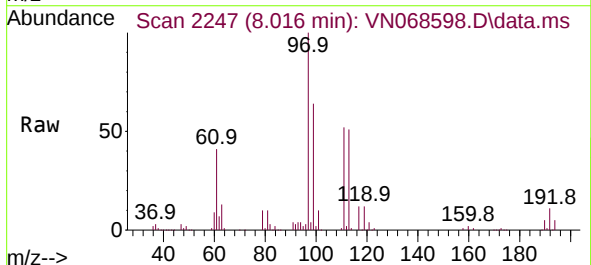
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

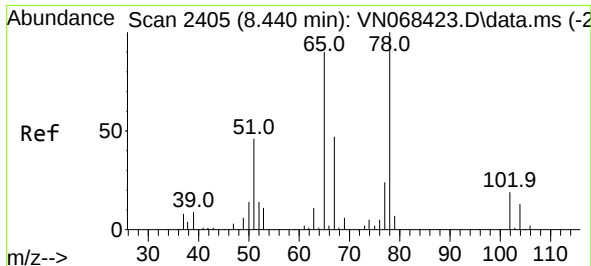
Tgt Ion: 56 Resp: 403484  
Ion Ratio Lower Upper  
56 100  
69 36.0 29.4 44.0  
84 97.7 83.6 125.4



#32  
1,1,1-Trichloroethane  
Concen: 51.982 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 97 Resp: 546124  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.4 77.0  
61 41.4 30.3 45.5



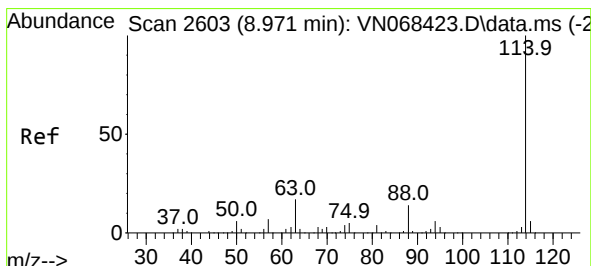
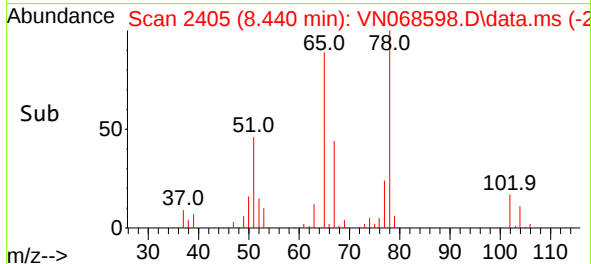
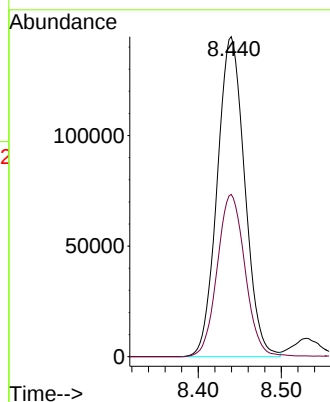
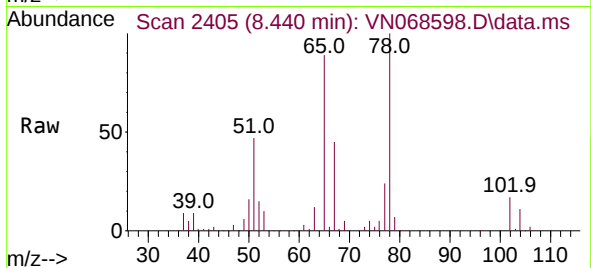


#33

1,2-Dichloroethane-d4  
Concen: 55.542 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

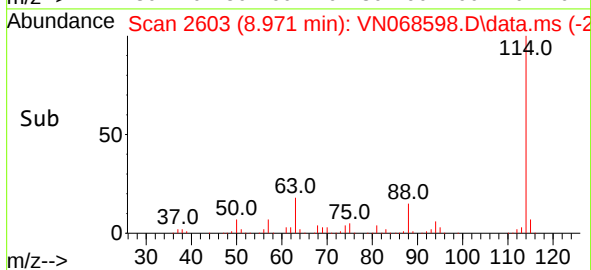
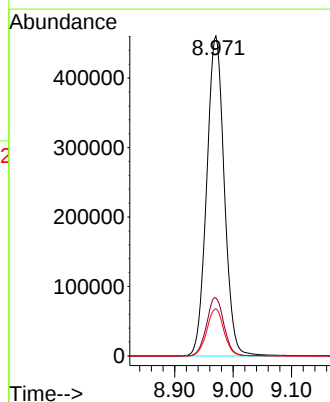
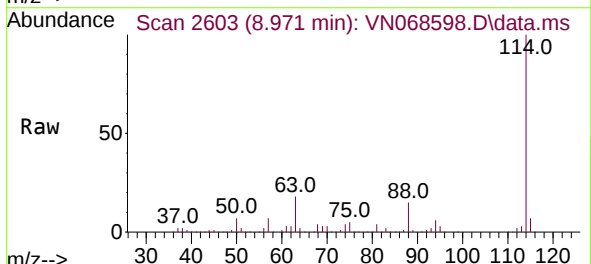
Tgt Ion: 65 Resp: 333087  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 104.0

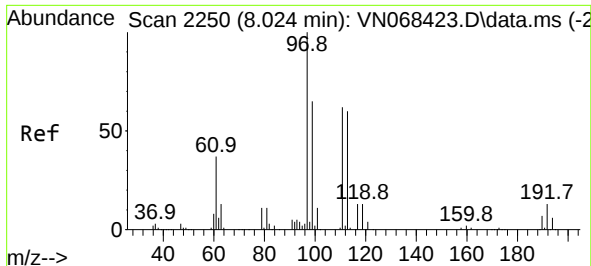


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 114 Resp: 963774  
Ion Ratio Lower Upper  
114 100  
63 18.1 0.0 33.2  
88 14.8 0.0 28.4

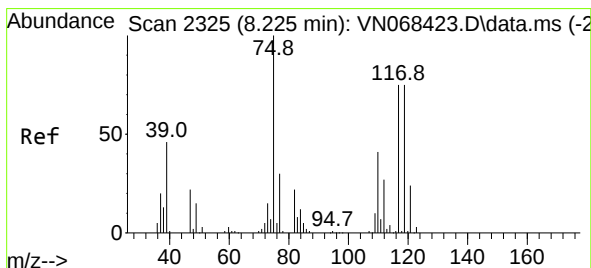
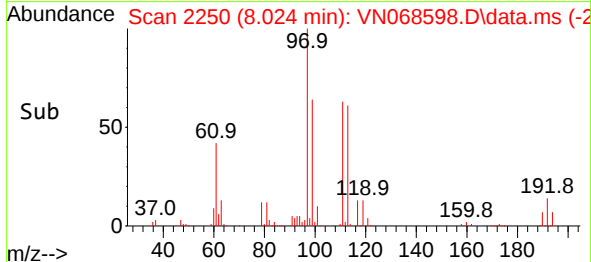
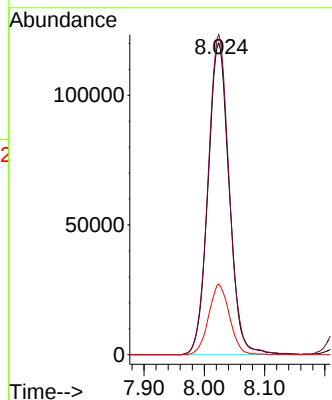
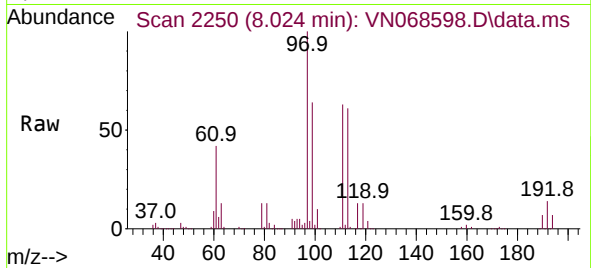




#35  
Dibromofluoromethane  
Concen: 50.460 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

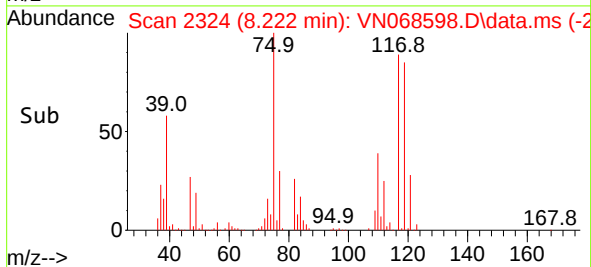
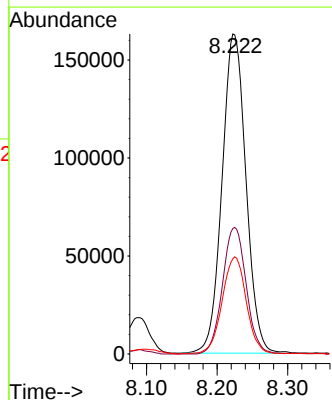
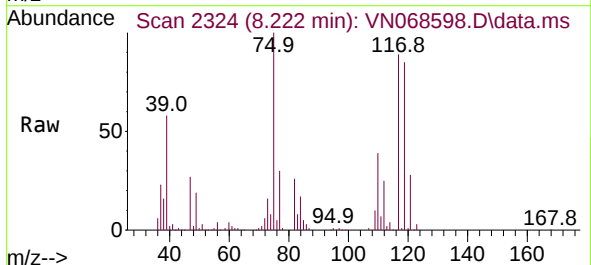
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

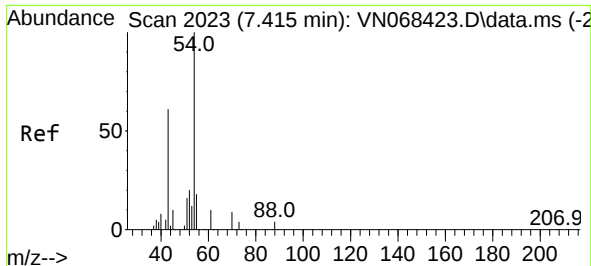
Tgt Ion:113 Resp: 293314  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.1 121.7  
192 22.2 17.7 26.5



#36  
1,1-Dichloropropene  
Concen: 47.703 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

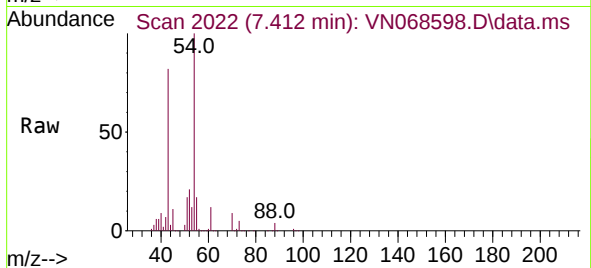
Tgt Ion: 75 Resp: 383300  
Ion Ratio Lower Upper  
75 100  
110 39.4 20.8 62.5  
77 30.9 25.0 37.6





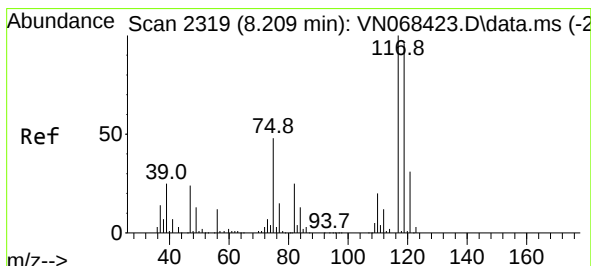
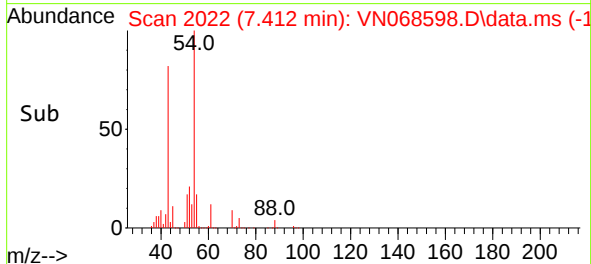
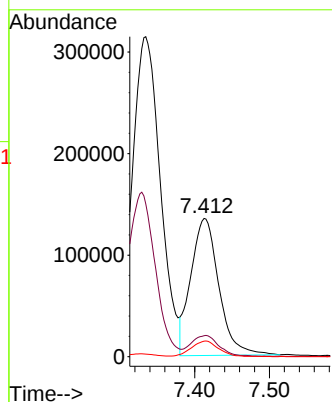
#37  
Ethyl Acetate  
Concen: 57.660 ug/l  
RT: 7.412 min Scan# 2022  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 352422

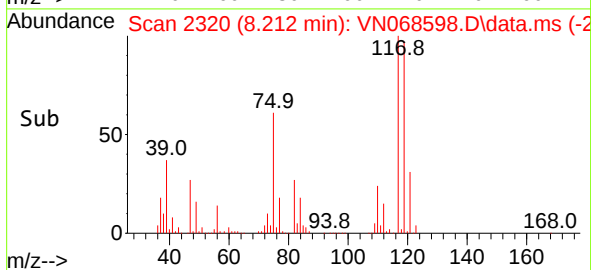
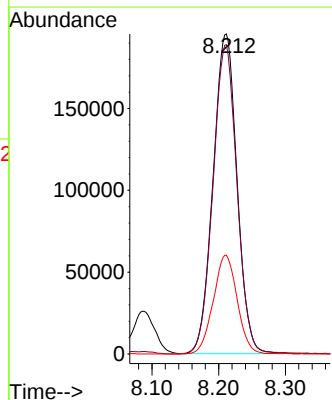
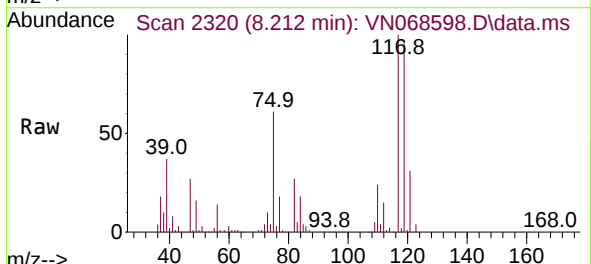
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.0  | 12.4  | 18.6  |
| 70  | 10.8  | 9.6   | 14.4  |

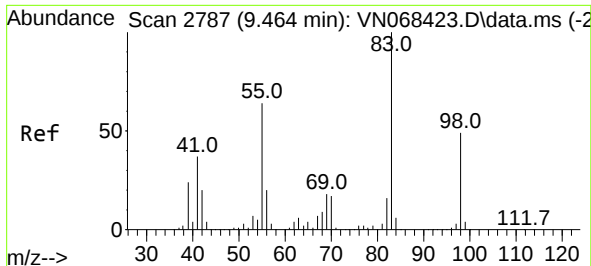


#38  
Carbon Tetrachloride  
Concen: 50.498 ug/l  
RT: 8.212 min Scan# 2320  
Delta R.T. 0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 117 Resp: 486092

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.7  | 76.6  | 114.8 |
| 121 | 30.9  | 24.5  | 36.7  |

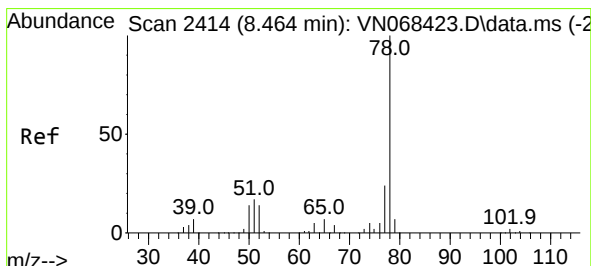
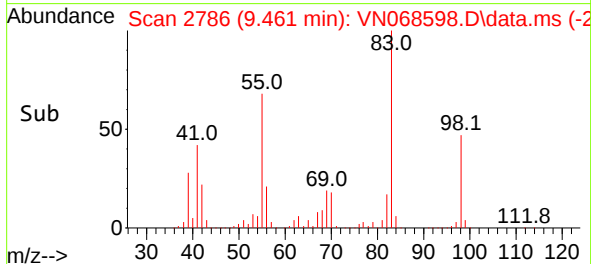
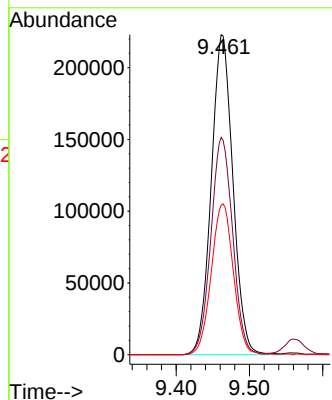
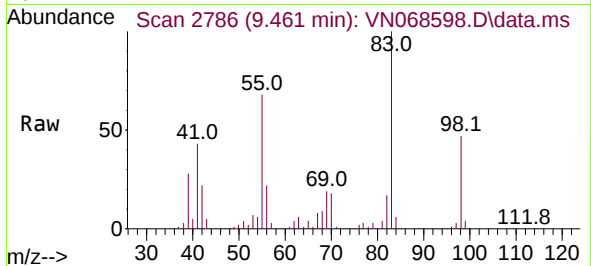




#39  
Methylcyclohexane  
Concen: 44.993 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

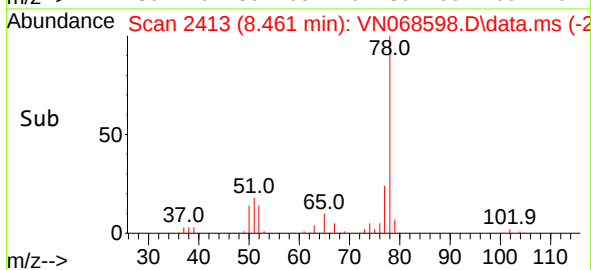
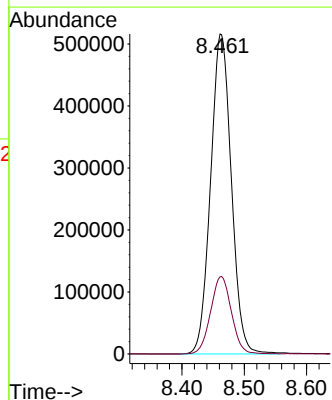
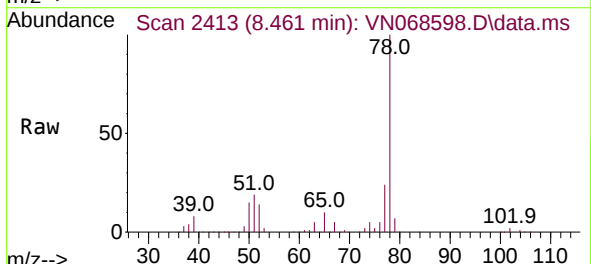
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

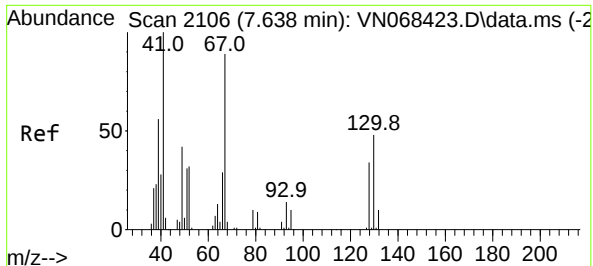
Tgt Ion: 83 Resp: 457387  
Ion Ratio Lower Upper  
83 100  
55 67.9 51.0 76.4  
98 46.8 39.5 59.3



#40  
Benzene  
Concen: 50.186 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 78 Resp: 1193637  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.3 28.9

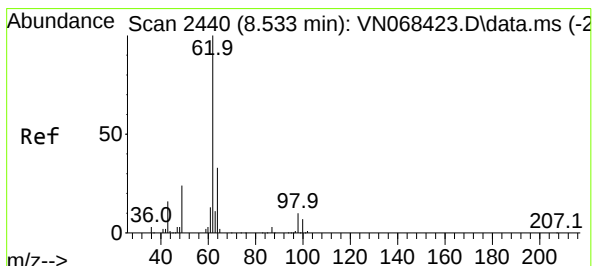
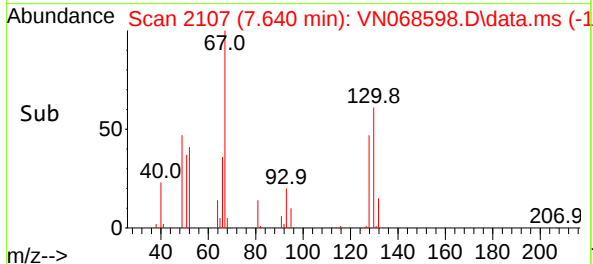
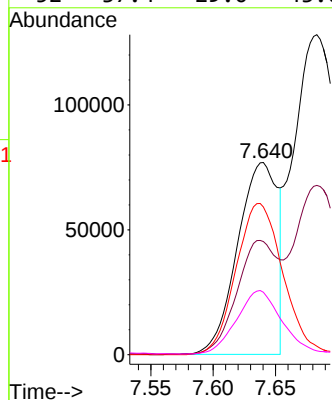
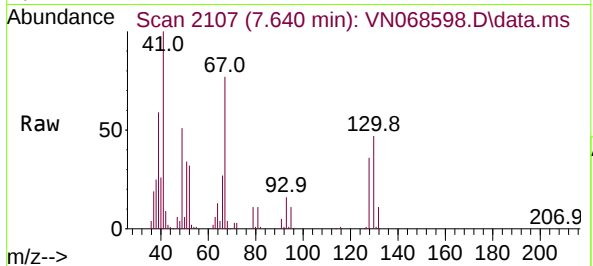




#41  
Methacrylonitrile  
Concen: 57.111 ug/l  
RT: 7.640 min Scan# 2107  
Delta R.T. 0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

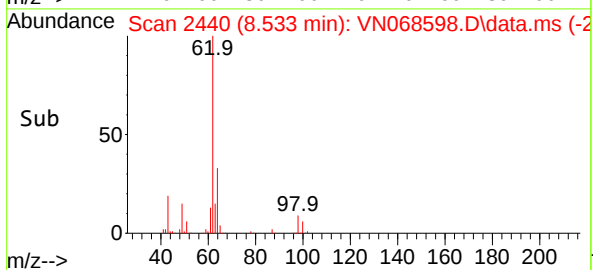
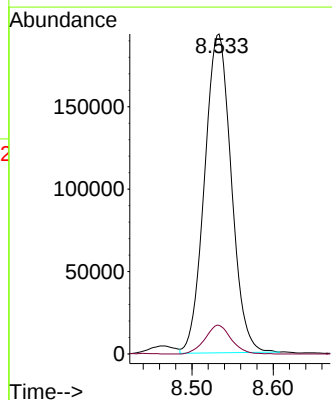
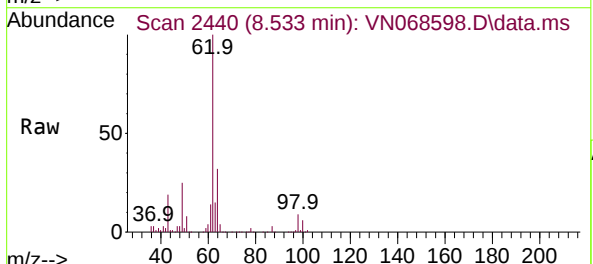
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

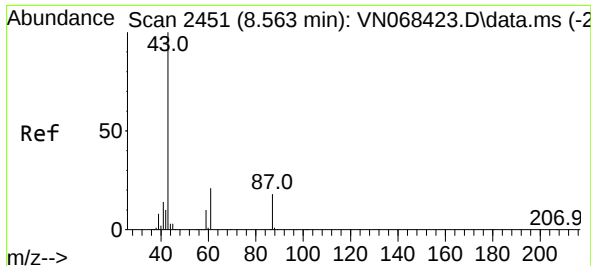
Tgt Ion: 41 Resp: 171776  
Ion Ratio Lower Upper  
41 100  
39 62.7 45.4 68.2  
67 92.2 78.7 118.1  
52 37.4 29.0 43.6



#42  
1,2-Dichloroethane  
Concen: 53.651 ug/l  
RT: 8.533 min Scan# 2440  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 62 Resp: 442127  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 20.2

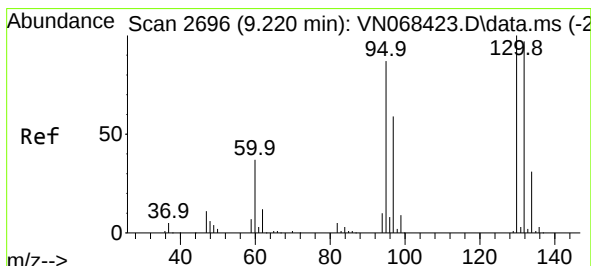
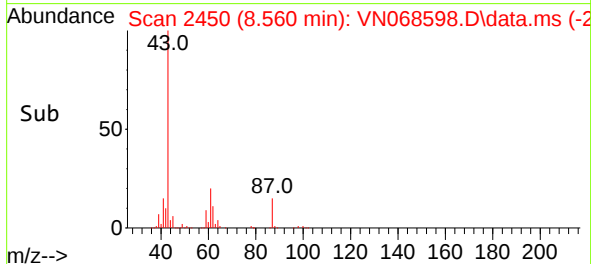
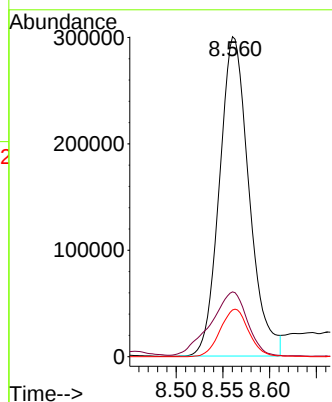
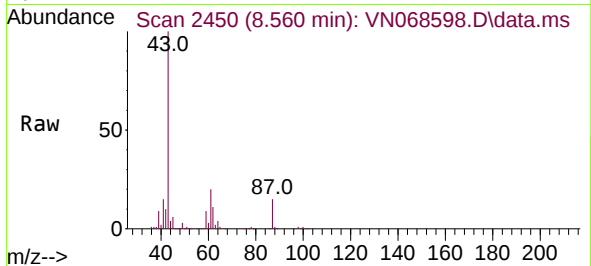




#43  
Isopropyl Acetate  
Concen: 61.368 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

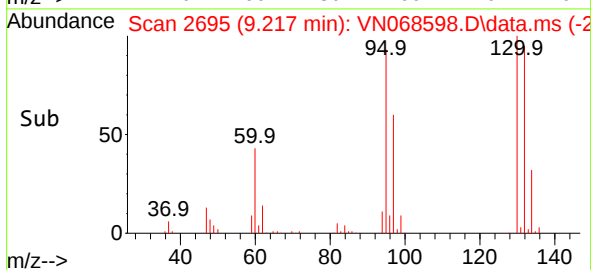
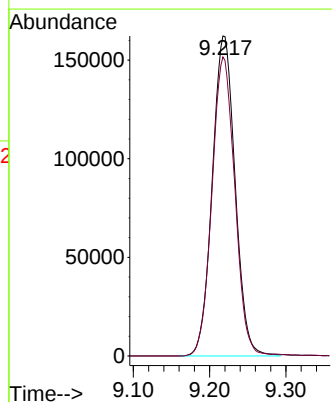
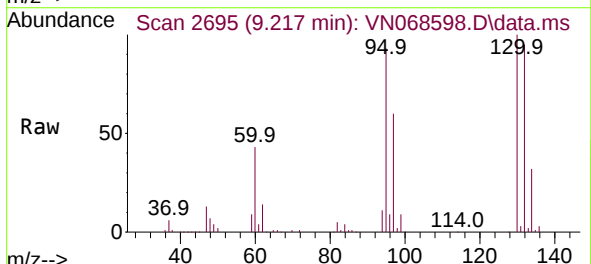
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

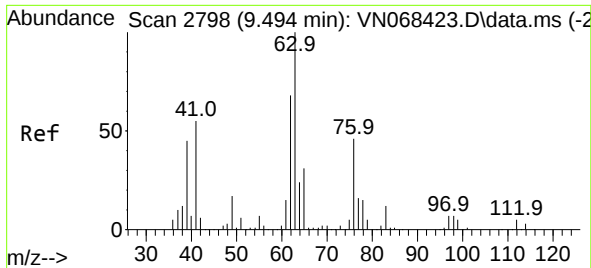
Tgt Ion: 43 Resp: 661764  
Ion Ratio Lower Upper  
43 100  
61 24.9 23.3 34.9  
87 14.5 13.8 20.6



#44  
Trichloroethene  
Concen: 44.779 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 130 Resp: 337207  
Ion Ratio Lower Upper  
130 100  
95 93.5 0.0 173.8

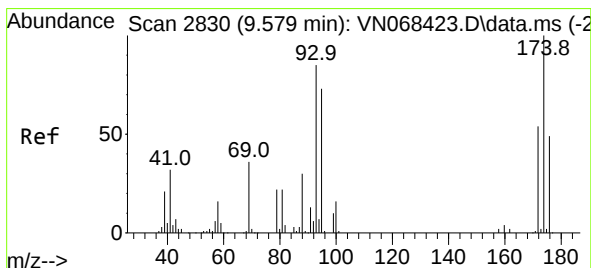
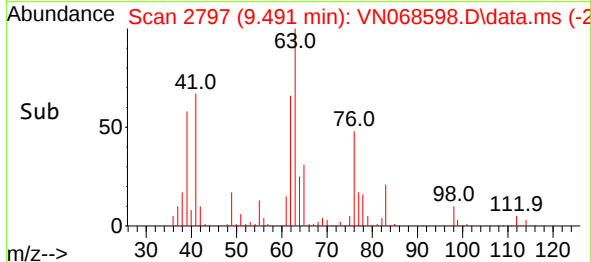
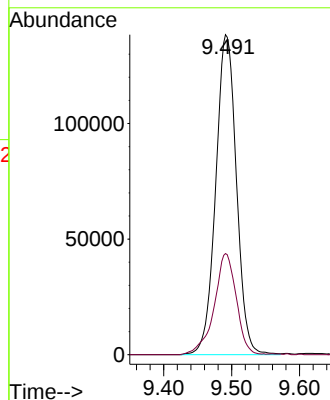
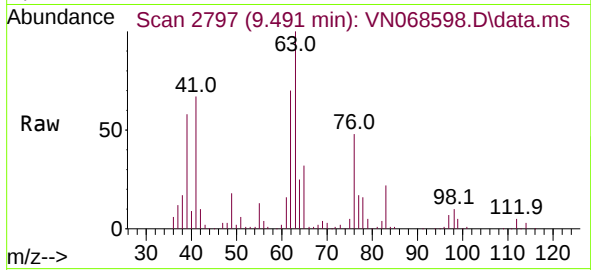




#45  
1,2-Dichloropropane  
Concen: 51.677 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

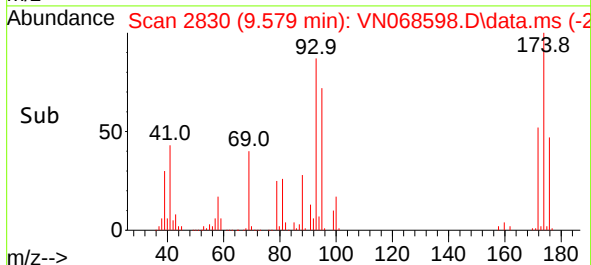
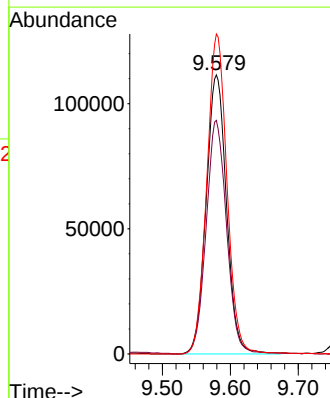
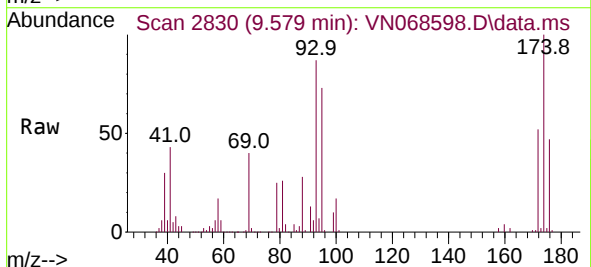
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

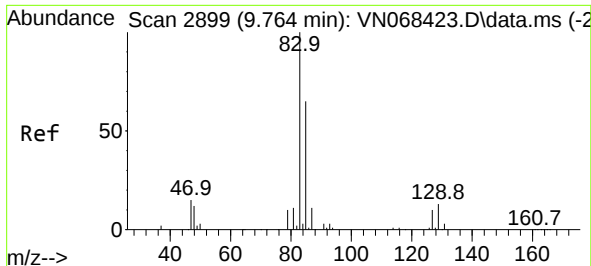
Tgt Ion: 63 Resp: 293428  
Ion Ratio Lower Upper  
63 100  
65 31.6 24.8 37.2



#46  
Dibromomethane  
Concen: 50.824 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 93 Resp: 232302  
Ion Ratio Lower Upper  
93 100  
95 83.9 67.8 101.8  
174 113.6 96.3 144.5

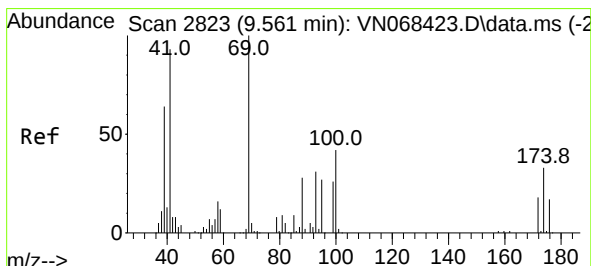
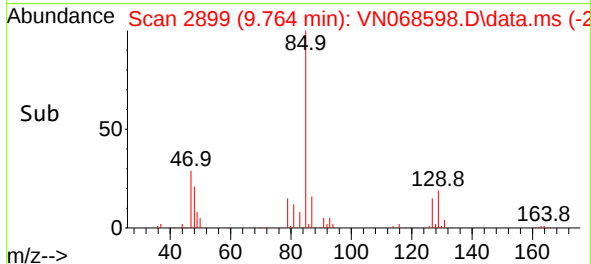
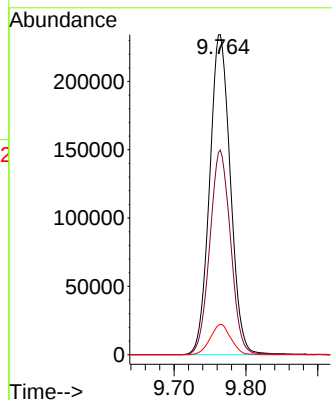
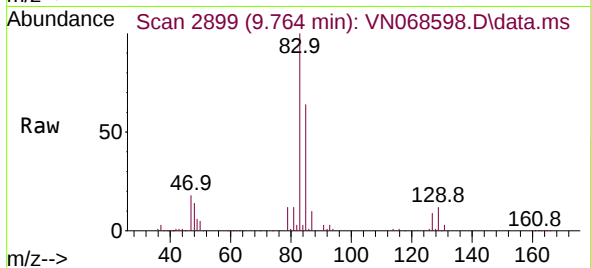




#47  
Bromodichloromethane  
Concen: 54.156 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

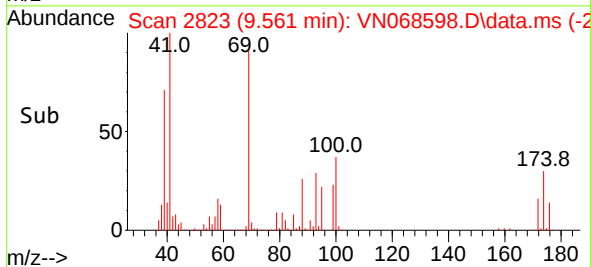
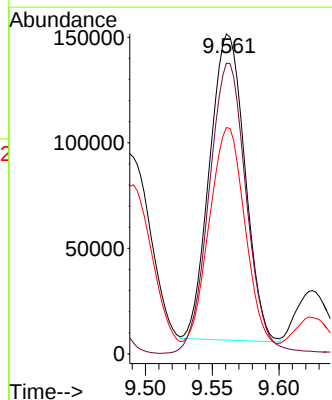
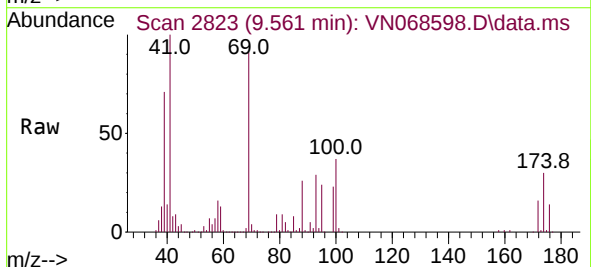
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

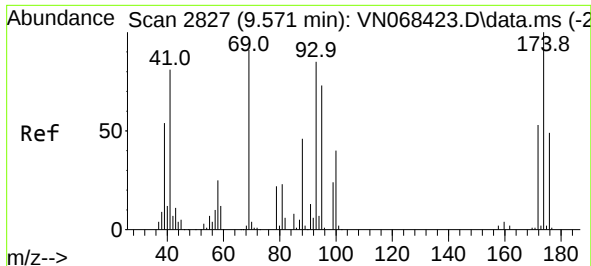
Tgt Ion: 83 Resp: 469692  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.6 77.4  
127 9.4 8.1 12.1



#48  
Methyl methacrylate  
Concen: 59.138 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 41 Resp: 266303  
Ion Ratio Lower Upper  
41 100  
69 100.6 82.9 124.3  
39 77.3 50.3 75.5#

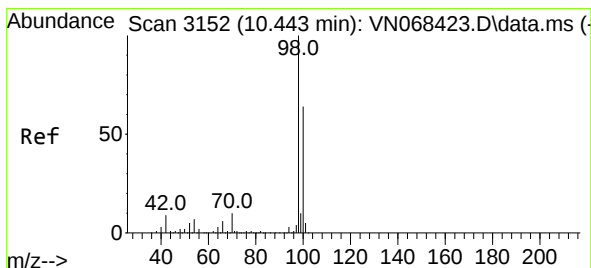
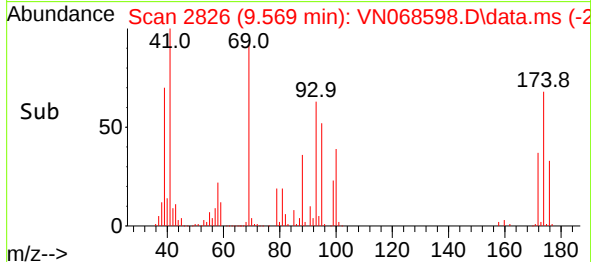
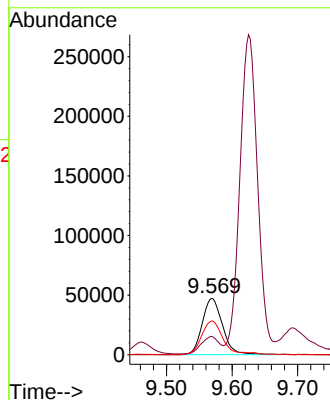
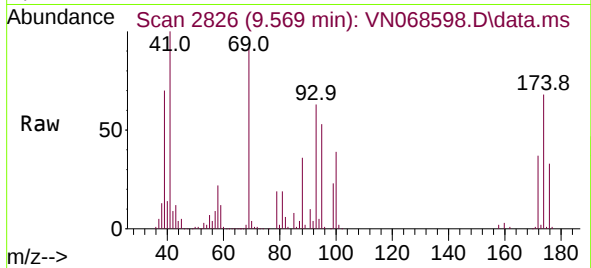




#49  
1,4-Dioxane  
Concen: 980.649 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

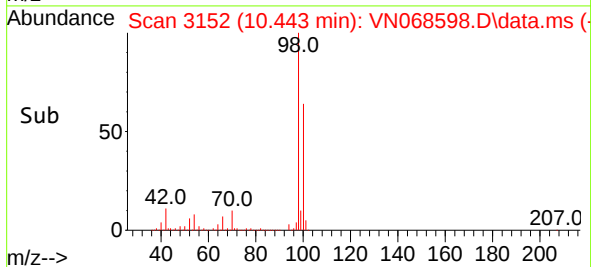
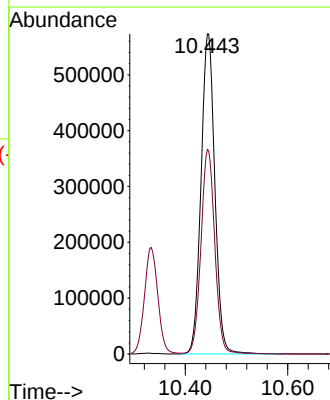
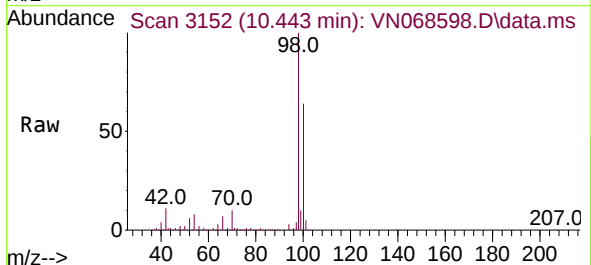
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

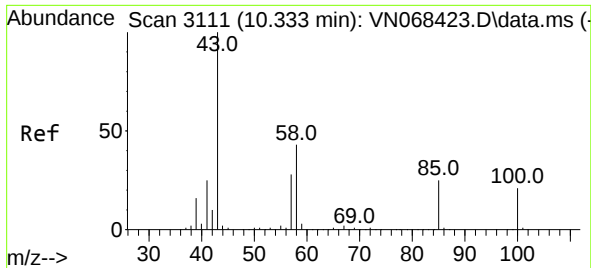
Tgt Ion: 88 Resp: 101300  
Ion Ratio Lower Upper  
88 100  
43 27.4 18.9 28.3  
58 62.4 46.6 69.8



#50  
Toluene-d8  
Concen: 45.398 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 98 Resp: 1073881  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.0 76.6

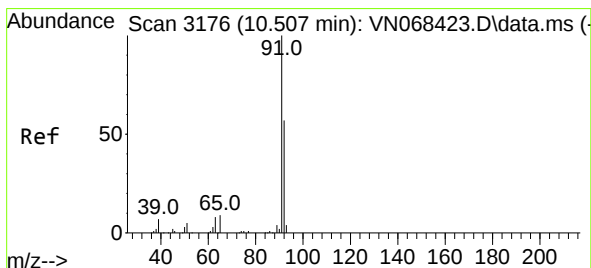
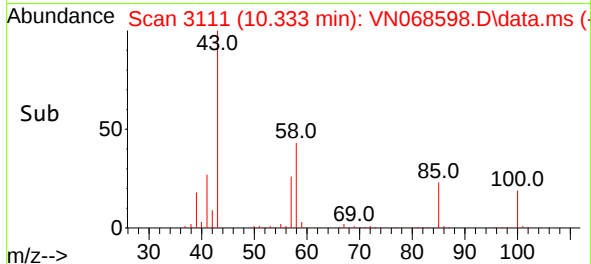
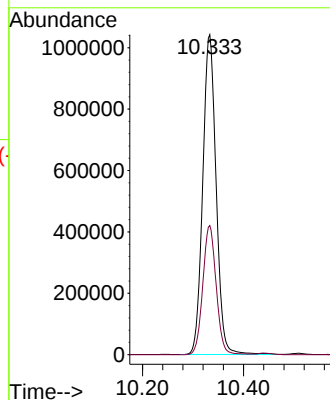
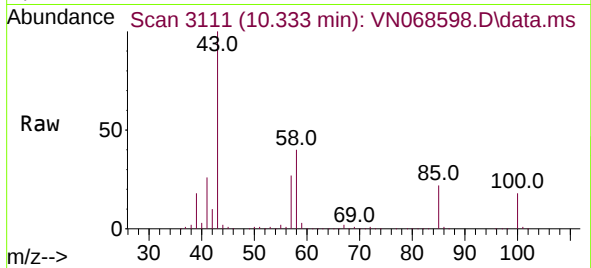




#51  
4-Methyl-2-Pentanone  
Concen: 311.918 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

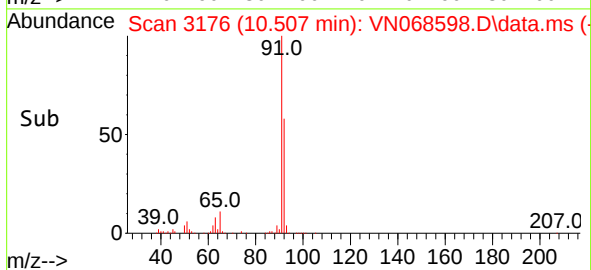
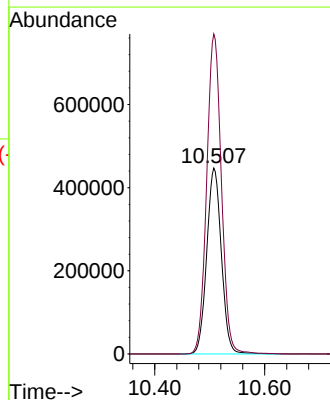
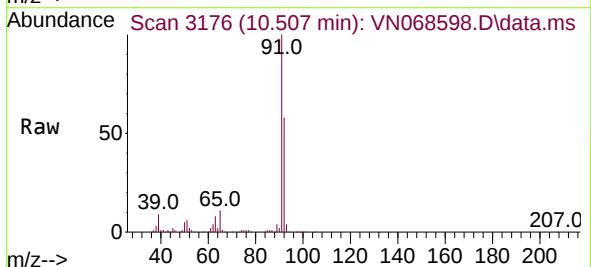
Instrument :  
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ClientSampleId :  
VSTDCCC050EC

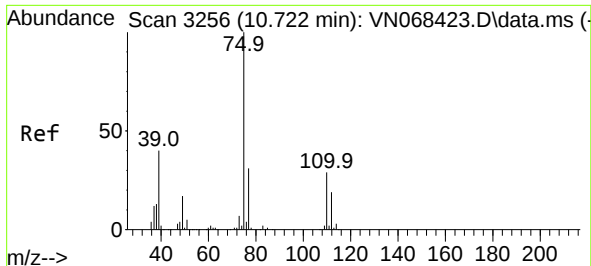
Tgt Ion: 43 Resp: 1920095  
Ion Ratio Lower Upper  
43 100  
58 40.3 34.3 51.5



#52  
Toluene  
Concen: 52.360 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 92 Resp: 826275  
Ion Ratio Lower Upper  
92 100  
91 172.9 139.4 209.0

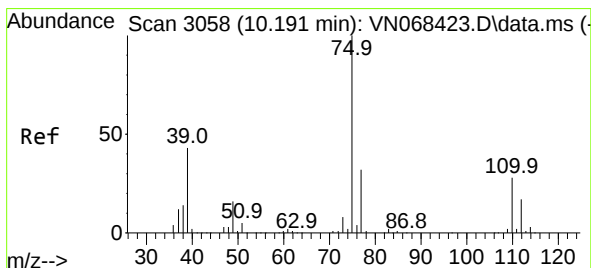
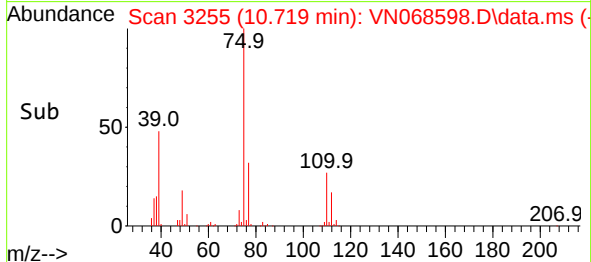
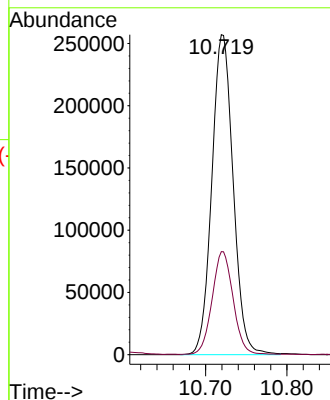
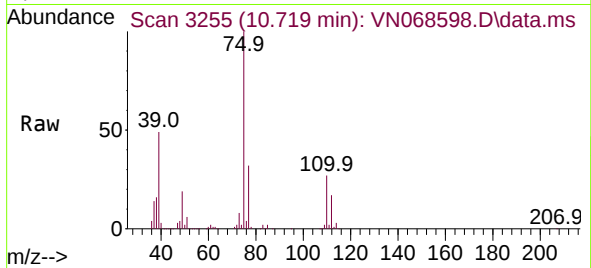




#53  
t-1,3-Dichloropropene  
Concen: 56.474 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

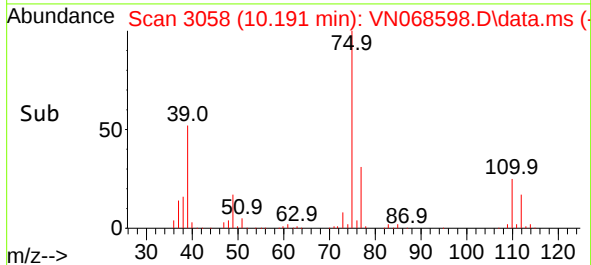
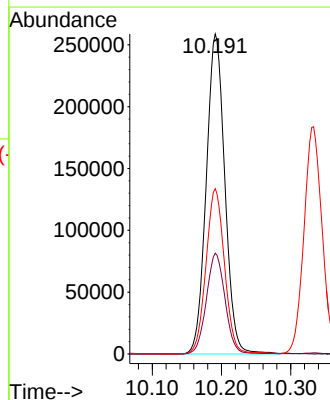
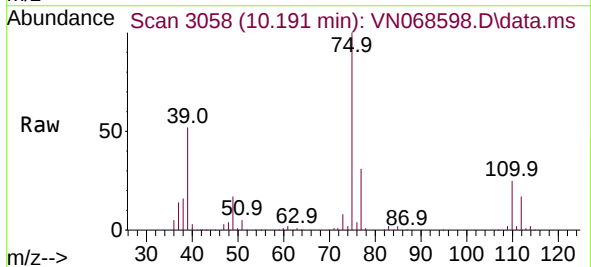
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

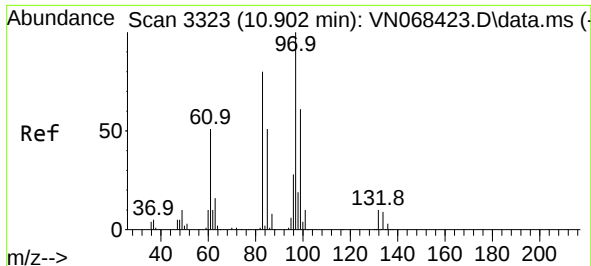
Tgt Ion: 75 Resp: 469249  
Ion Ratio Lower Upper  
75 100  
77 32.1 24.9 37.3



#54  
cis-1,3-Dichloropropene  
Concen: 53.092 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 75 Resp: 483409  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.3 37.9  
39 51.6 34.6 52.0

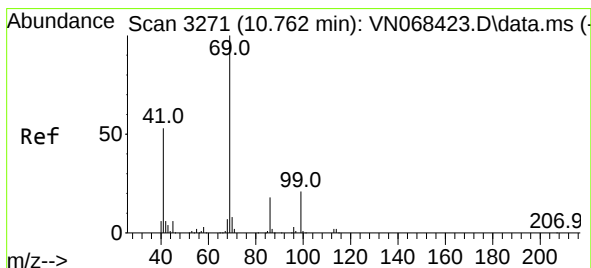
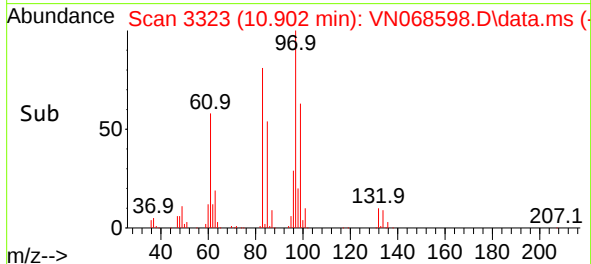
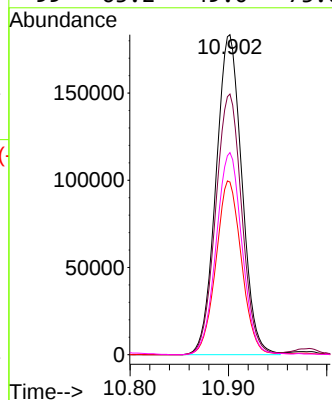
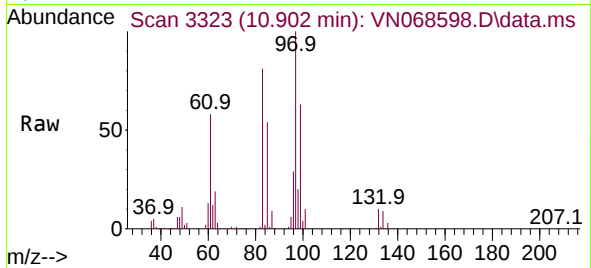




#55  
1,1,2-Trichloroethane  
Concen: 53.682 ug/l  
RT: 10.902 min Scan# 3323  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

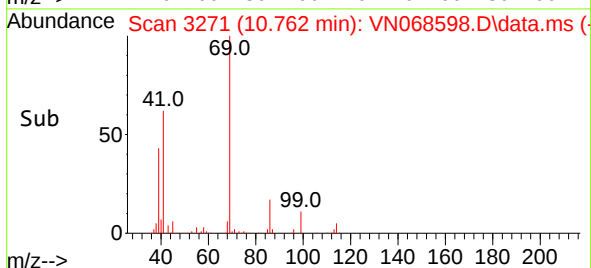
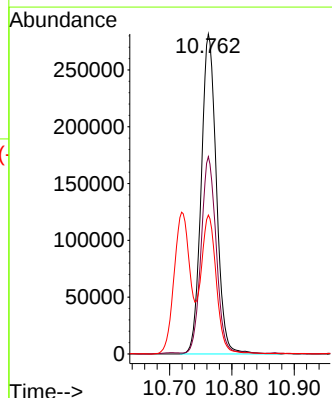
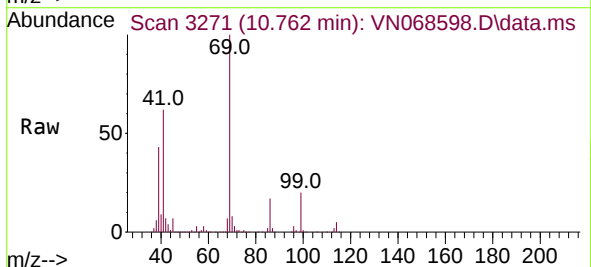
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

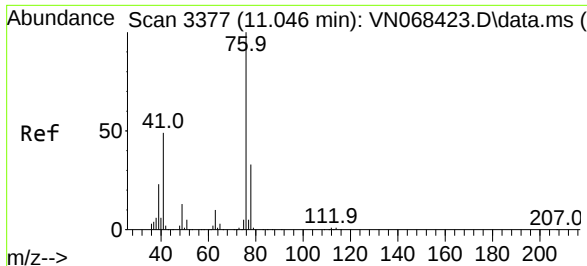
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 336182 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 81.4  | 63.7  | 95.5   |
| 85       | 53.9  | 40.7  | 61.1   |
| 99       | 63.2  | 49.0  | 73.6   |



#56  
Ethyl methacrylate  
Concen: 61.226 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 476222 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.2  | 42.4  | 63.6   |
| 39       | 42.4  | 28.5  | 42.7   |

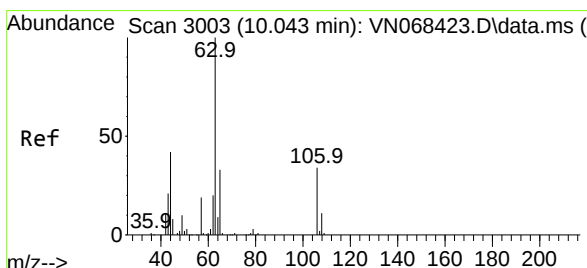
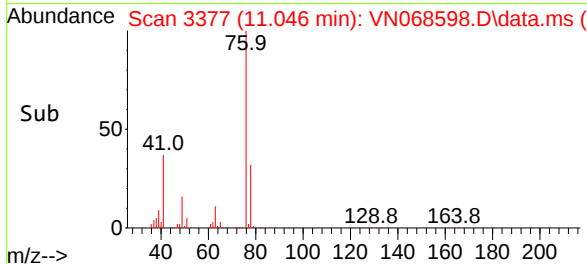
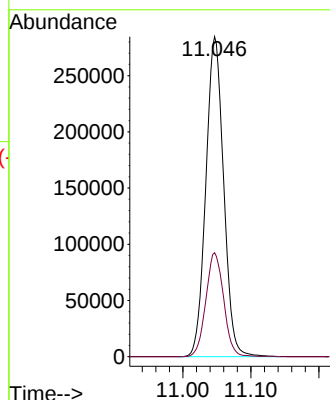
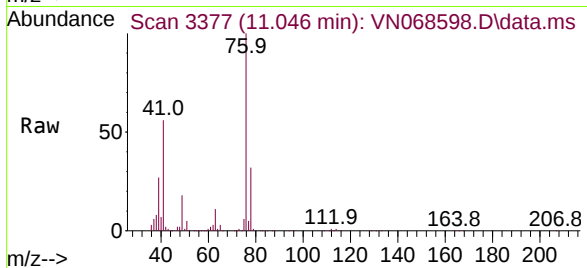




#57  
1,3-Dichloropropane  
Concen: 53.760 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

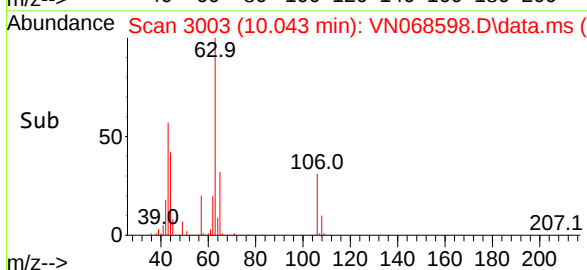
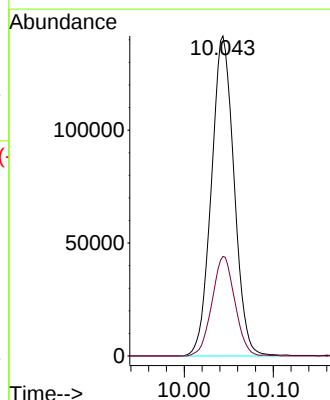
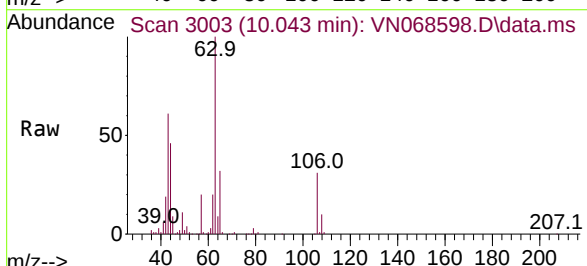
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

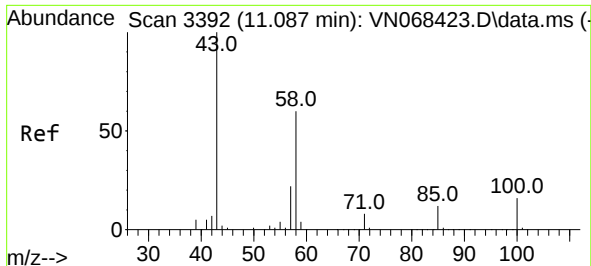
Tgt Ion: 76 Resp: 518851  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.9 38.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 309.578 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 63 Resp: 250715  
Ion Ratio Lower Upper  
63 100  
106 31.3 27.9 41.9

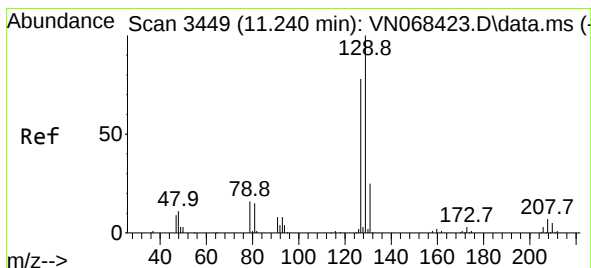
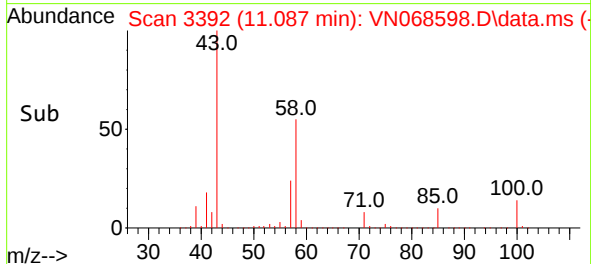
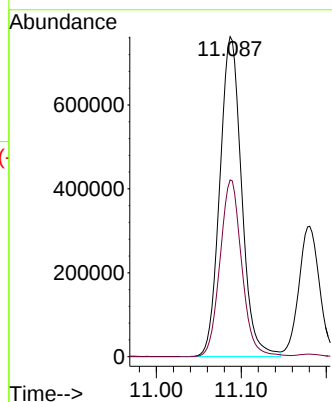
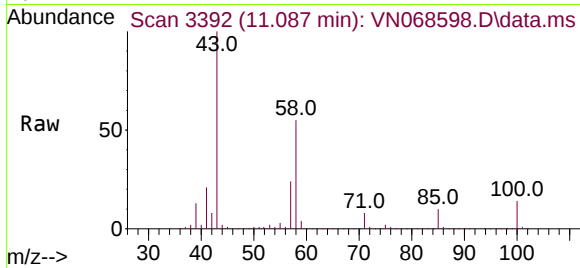




#59  
2-Hexanone  
Concen: 329.218 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

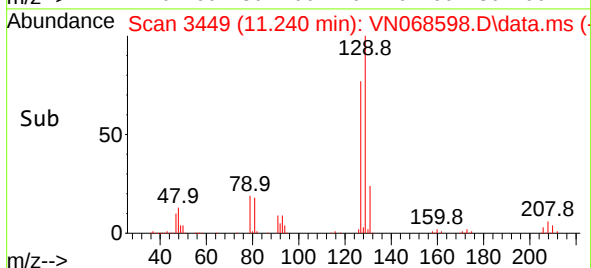
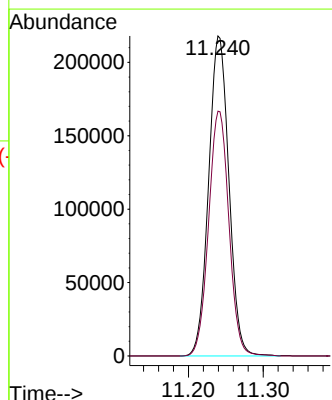
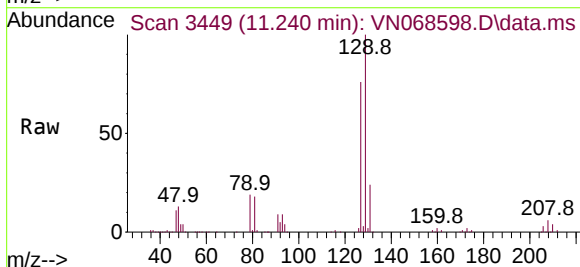
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

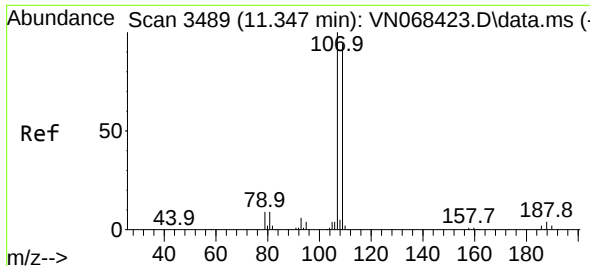
Tgt Ion: 43 Resp: 1357222  
Ion Ratio Lower Upper  
43 100  
58 55.3 30.0 90.1



#60  
Dibromochloromethane  
Concen: 47.835 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 129 Resp: 409758  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.5 115.3

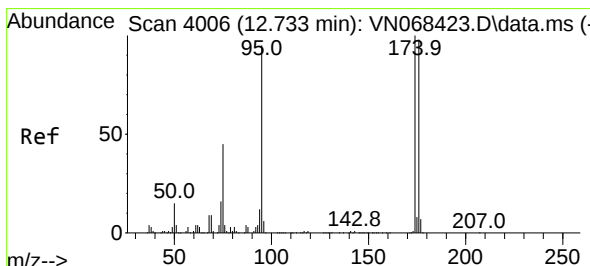
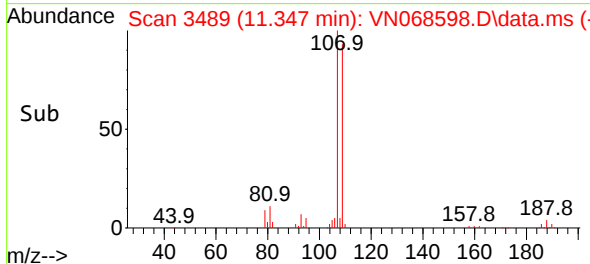
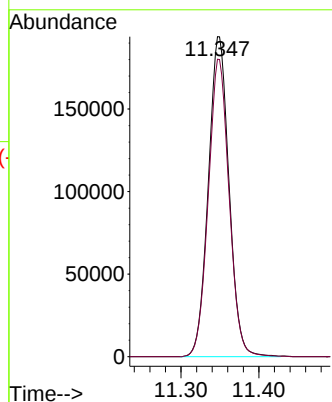
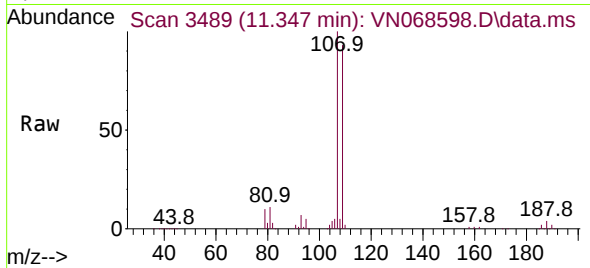




#61  
1,2-Dibromoethane  
Concen: 53.814 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

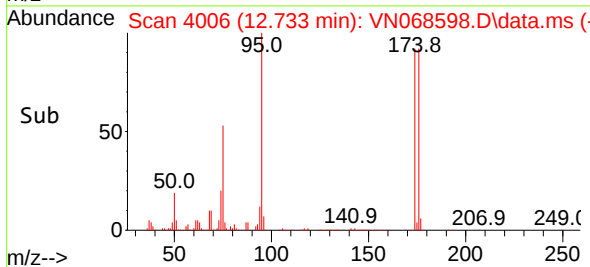
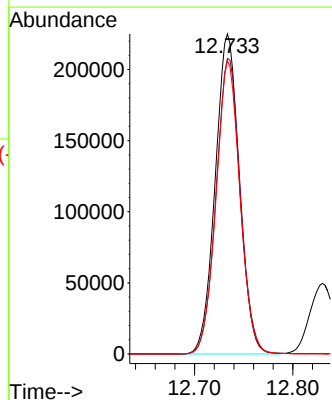
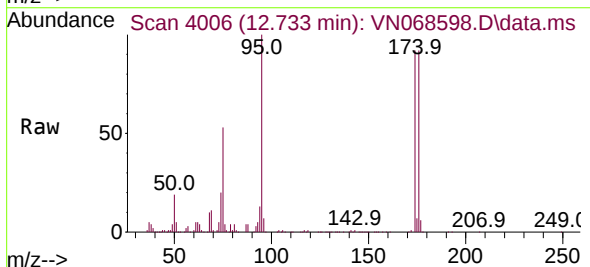
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

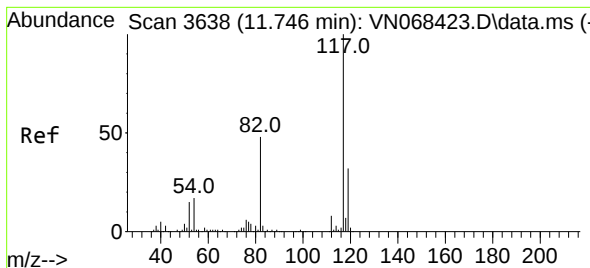
Tgt Ion:107 Resp: 357310  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 48.892 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 95 Resp: 383428  
Ion Ratio Lower Upper  
95 100  
174 93.5 0.0 214.0  
176 90.7 0.0 205.4

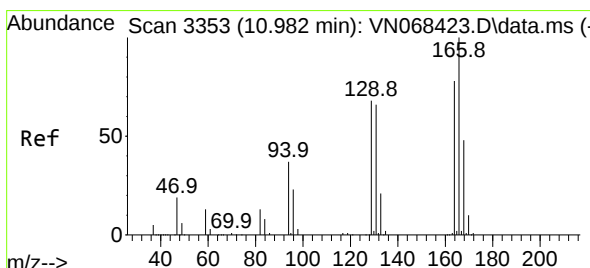
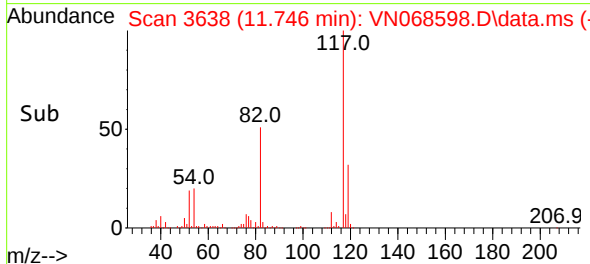
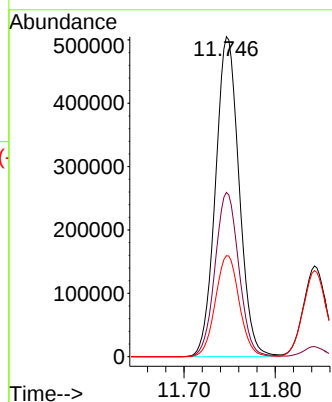
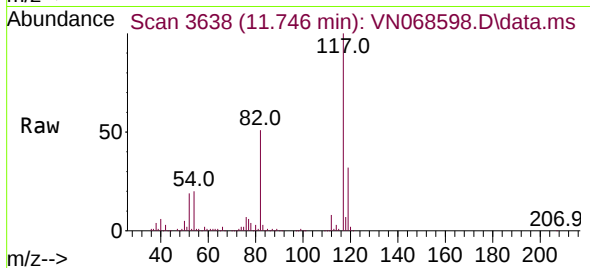




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

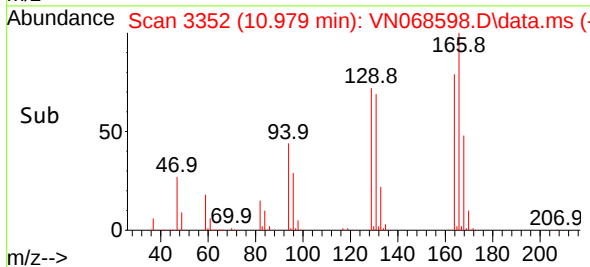
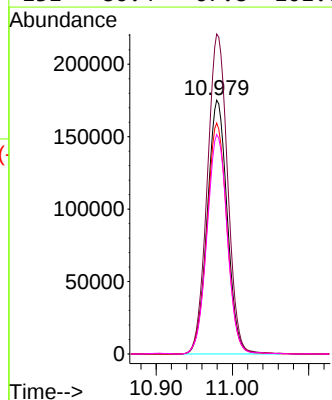
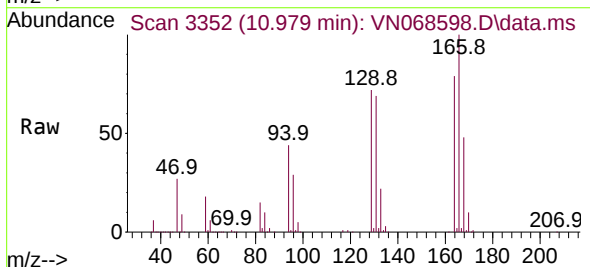
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

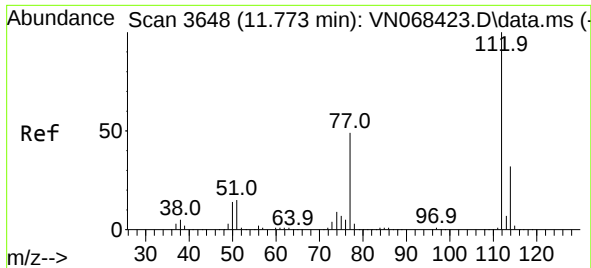
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 908393 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 51.3  | 38.7  | 58.1   |
| 119      | 31.5  | 25.5  | 38.3   |



#64  
Tetrachloroethene  
Concen: 39.722 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 319808 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 126.1 | 102.9 | 154.3  |
| 129      | 91.0  | 70.1  | 105.1  |
| 131      | 86.4  | 67.8  | 101.6  |

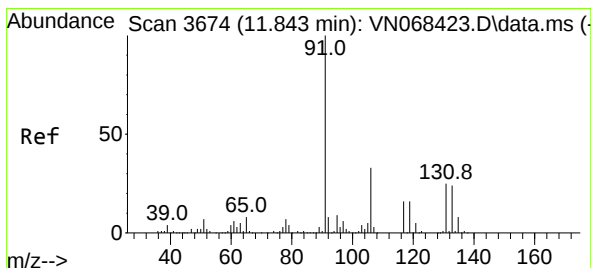
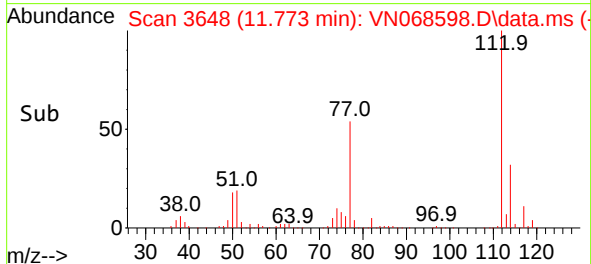
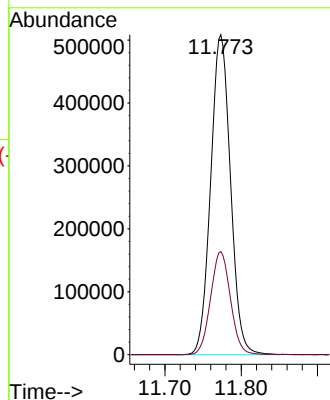
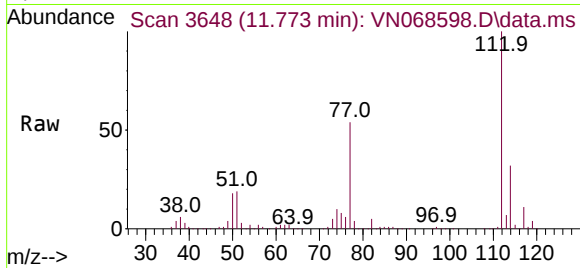




#65  
Chlorobenzene  
Concen: 49.094 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

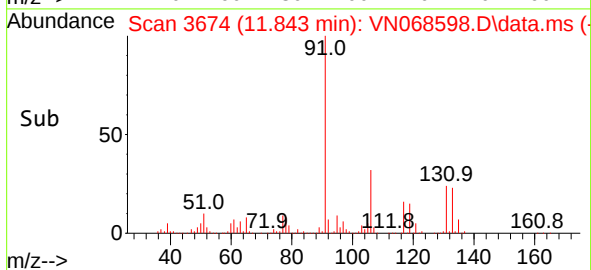
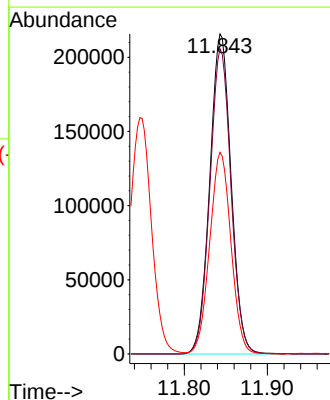
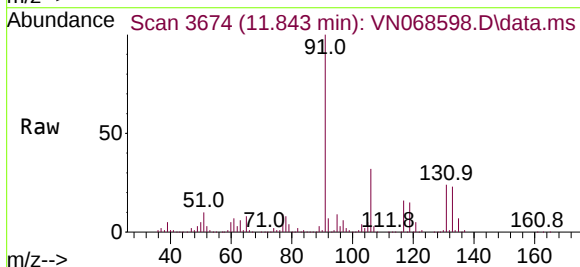
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

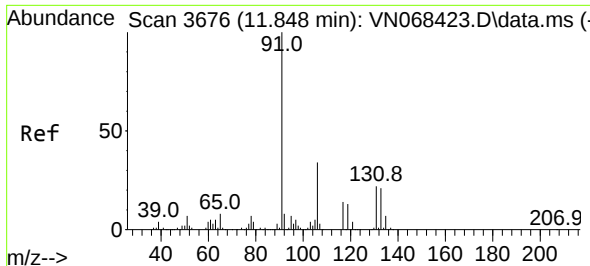
Tgt Ion:112 Resp: 916243  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.279 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion:131 Resp: 383576  
Ion Ratio Lower Upper  
131 100  
133 94.8 48.5 145.6  
119 63.1 31.4 94.3

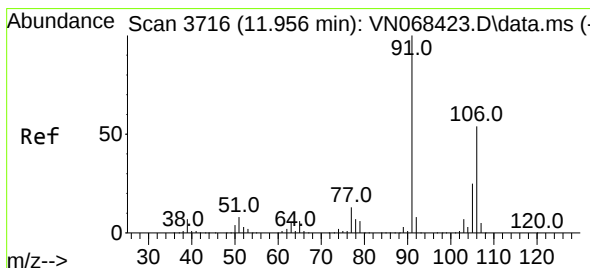
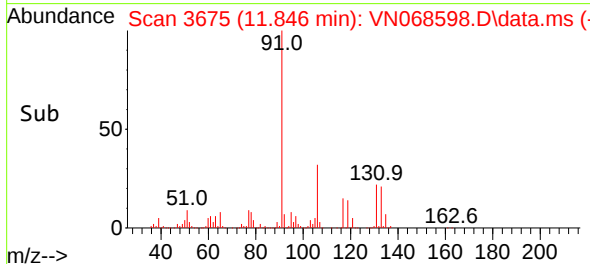
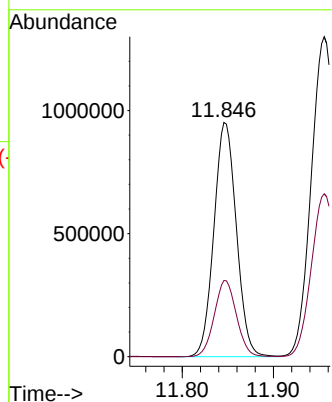
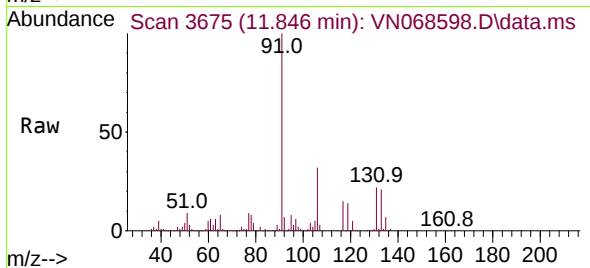




#67  
Ethyl Benzene  
Concen: 53.299 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

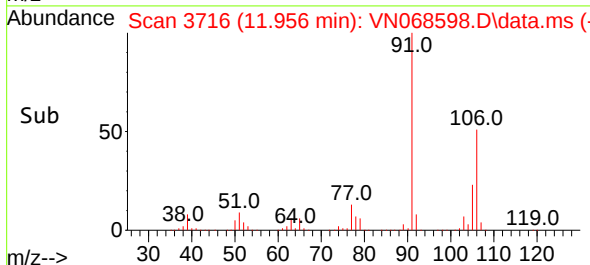
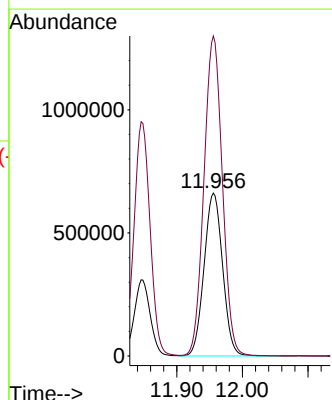
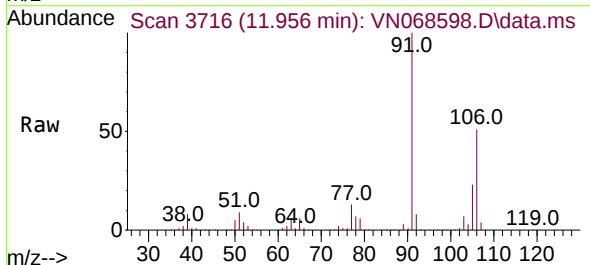
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

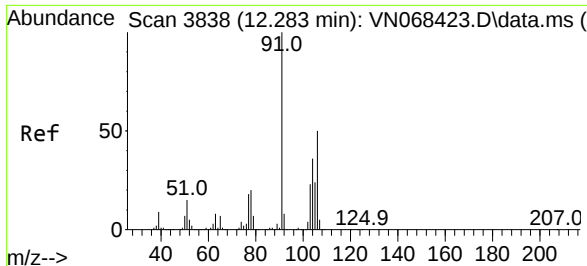
Tgt Ion: 91 Resp: 1627912  
Ion Ratio Lower Upper  
91 100  
106 32.5 27.1 40.7



#68  
m/p-Xylenes  
Concen: 105.365 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion:106 Resp: 1295826  
Ion Ratio Lower Upper  
106 100  
91 195.4 149.5 224.3

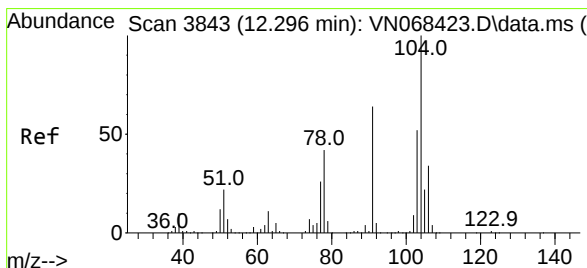
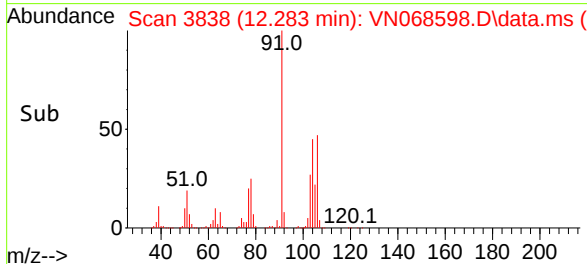
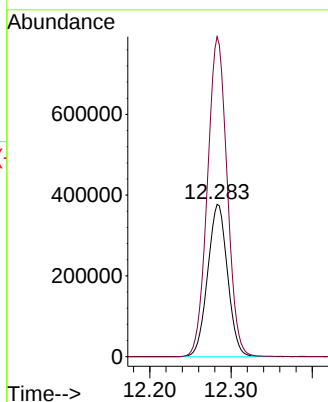
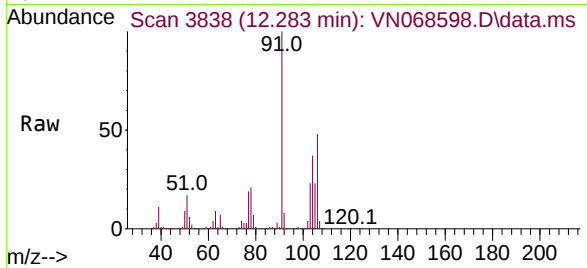




#69  
o-Xylene  
Concen: 53.454 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

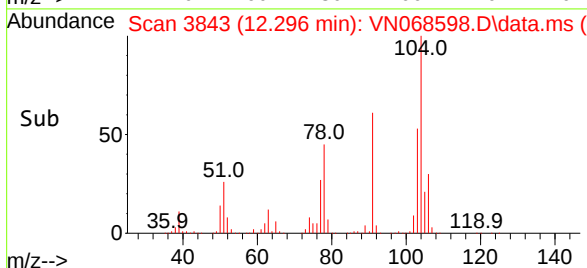
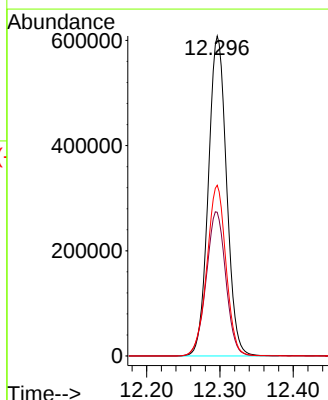
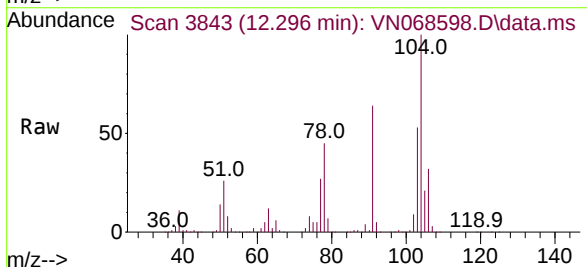
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

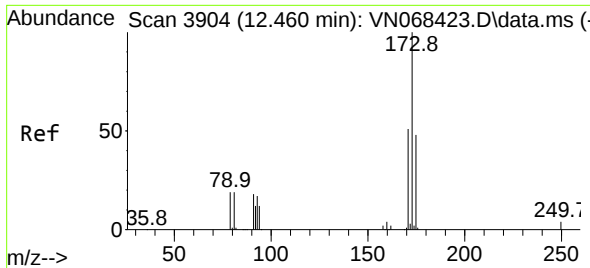
Tgt Ion:106 Resp: 640541  
Ion Ratio Lower Upper  
106 100  
91 208.7 99.3 297.8



#70  
Styrene  
Concen: 49.806 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion:104 Resp: 1052611  
Ion Ratio Lower Upper  
104 100  
78 48.4 36.2 54.2  
103 55.9 44.4 66.6

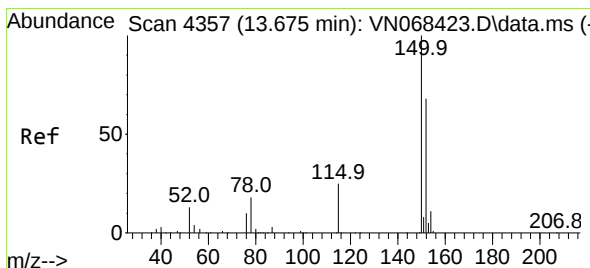
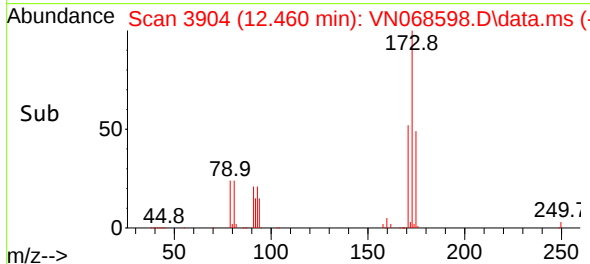
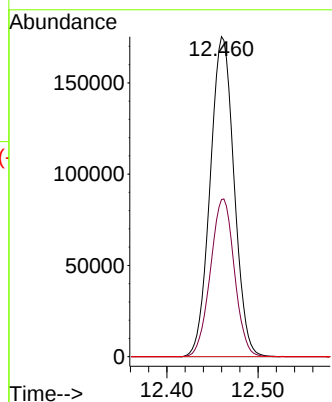
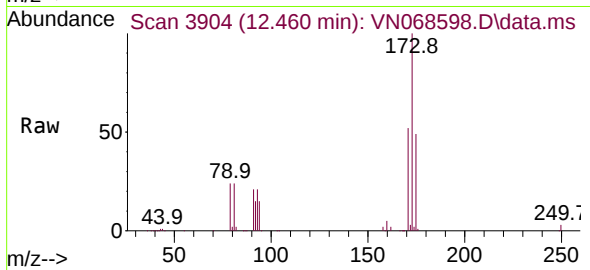




#71  
Bromoform  
Concen: 46.356 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

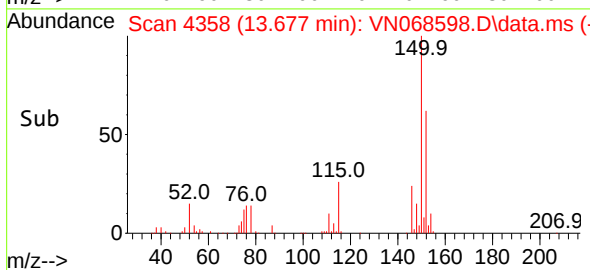
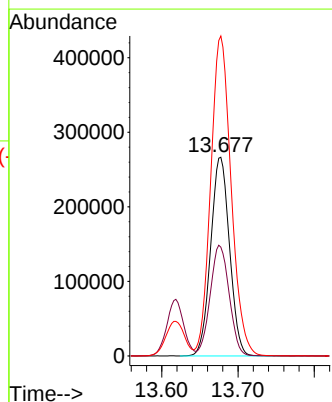
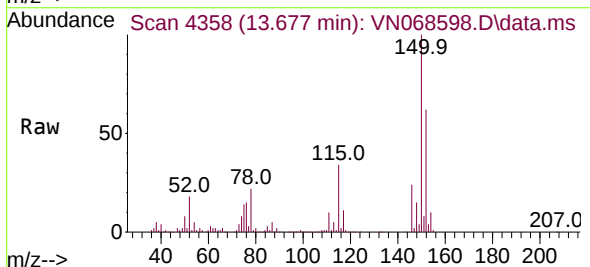
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

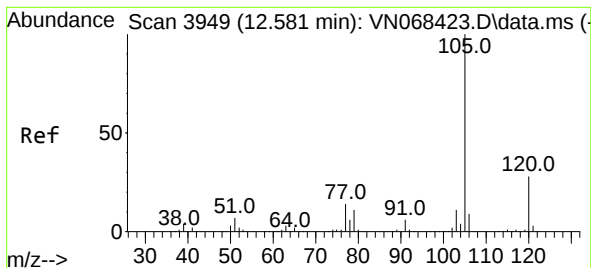
Tgt Ion:173 Resp: 319508  
Ion Ratio Lower Upper  
173 100  
175 49.4 24.1 72.3  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. 0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion:152 Resp: 458342  
Ion Ratio Lower Upper  
152 100  
115 55.9 25.6 76.6  
150 173.8 0.0 346.8

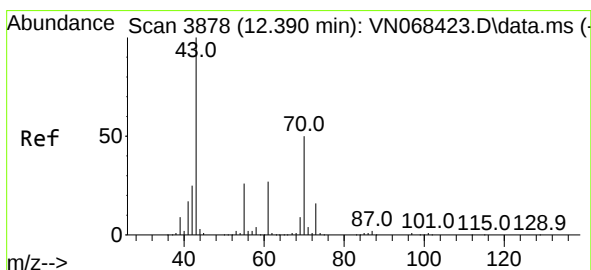
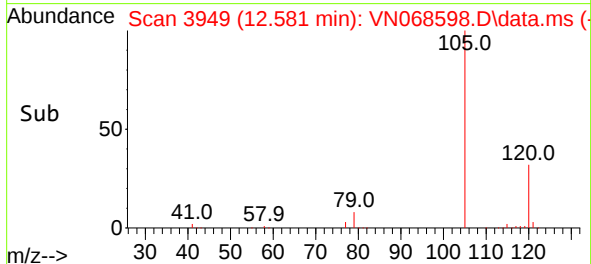
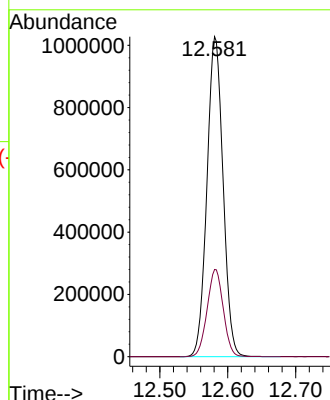
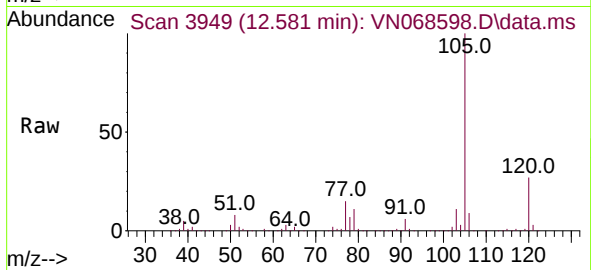




#73  
Isopropylbenzene  
Concen: 51.733 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

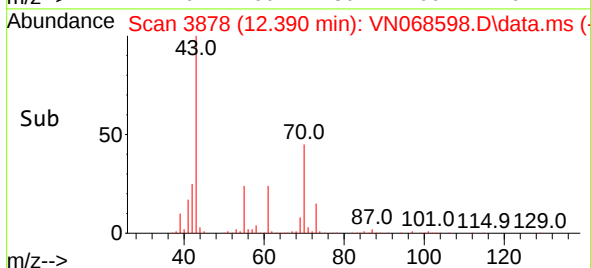
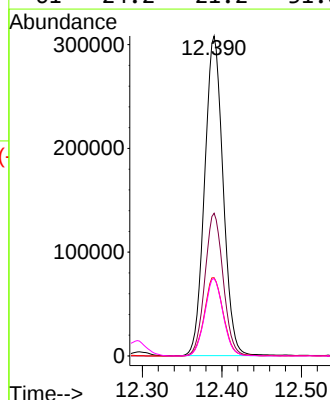
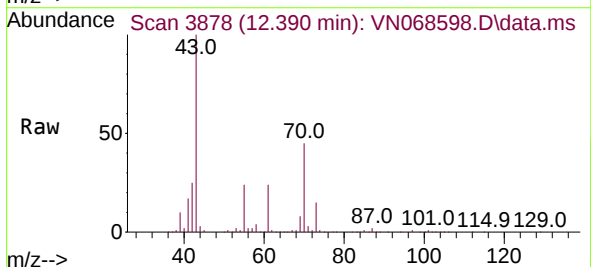
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

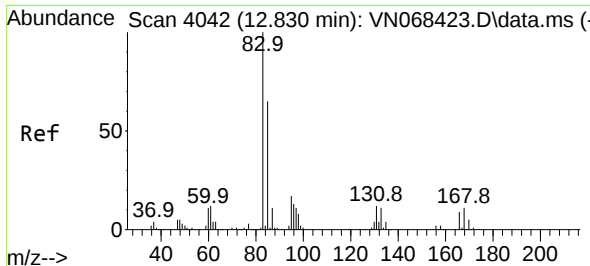
Tgt Ion:105 Resp: 1686696  
Ion Ratio Lower Upper  
105 100  
120 27.4 14.1 42.3



#74  
N-ethyl acetate  
Concen: 68.345 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 43 Resp: 497000  
Ion Ratio Lower Upper  
43 100  
70 44.3 40.0 60.0  
55 25.1 21.1 31.7  
61 24.2 21.2 31.8

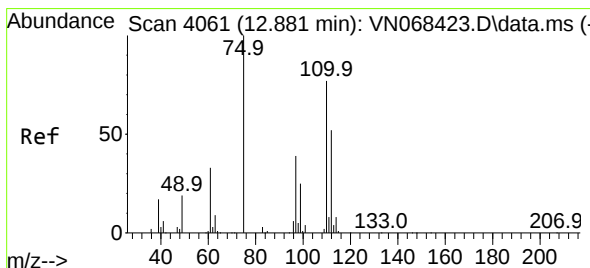
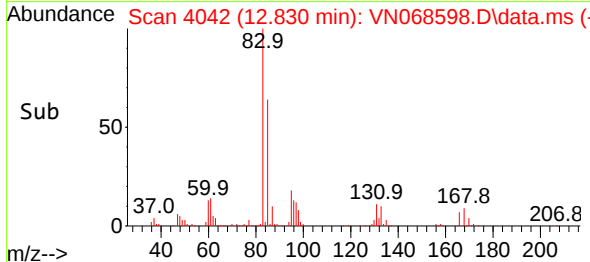
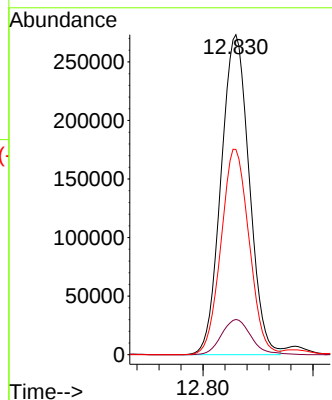
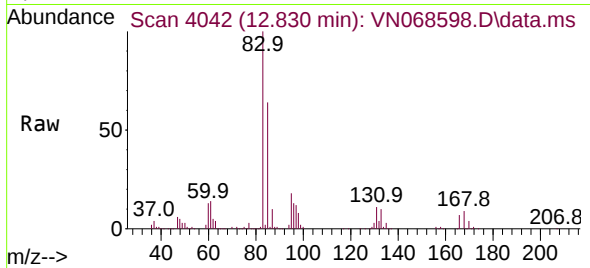




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.183 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

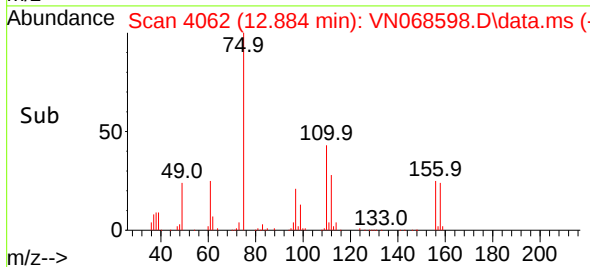
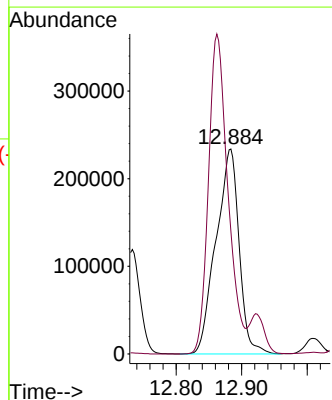
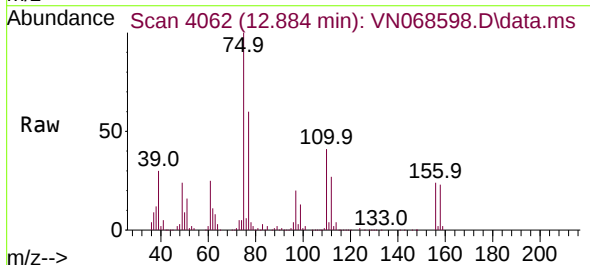
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

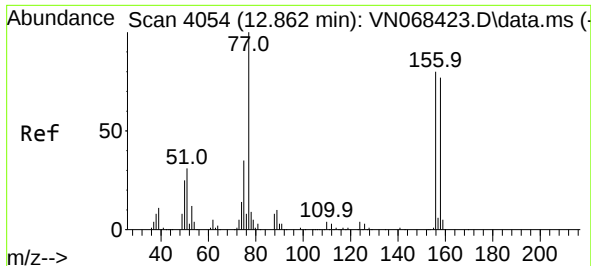
Tgt Ion: 83 Resp: 486104  
Ion Ratio Lower Upper  
83 100  
131 11.5 6.3 19.1  
85 64.0 32.5 97.4



#76  
1,2,3-Trichloropropane  
Concen: 91.643 ug/l  
RT: 12.884 min Scan# 4062  
Delta R.T. 0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 75 Resp: 571859  
Ion Ratio Lower Upper  
75 100  
77 0.0 100.9 302.7#

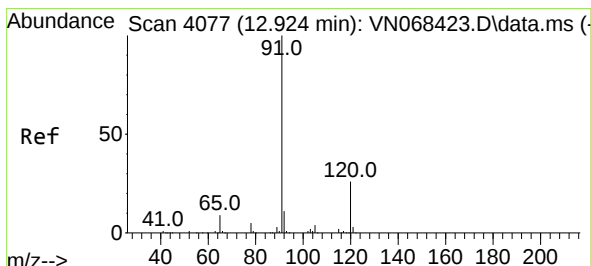
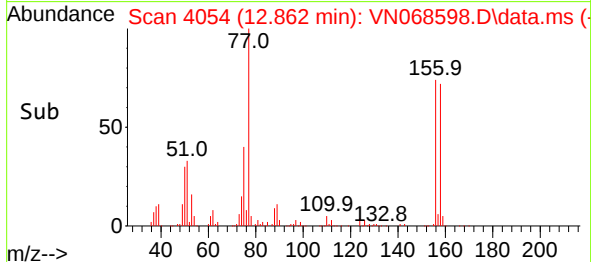
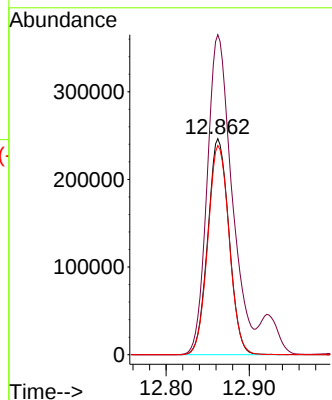
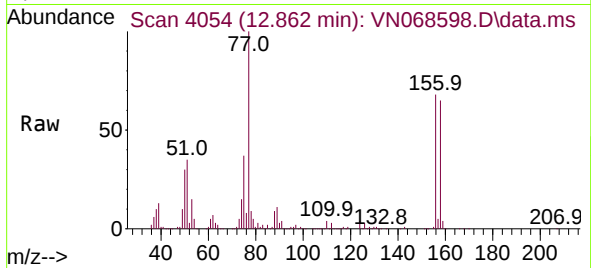




#77  
Bromobenzene  
Concen: 48.490 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

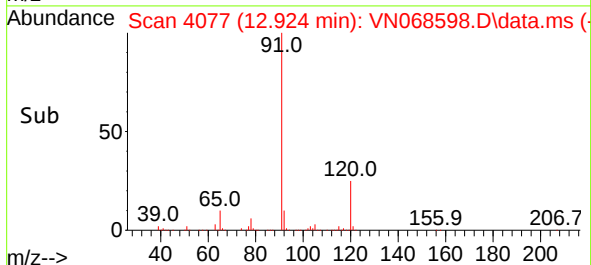
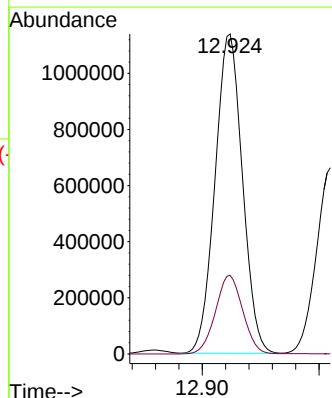
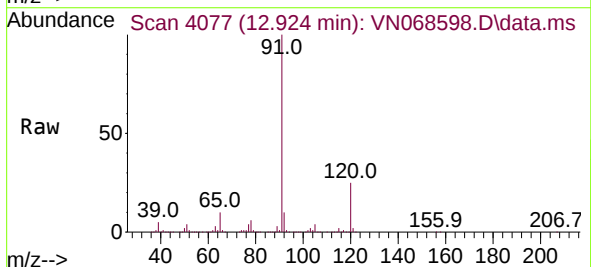
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

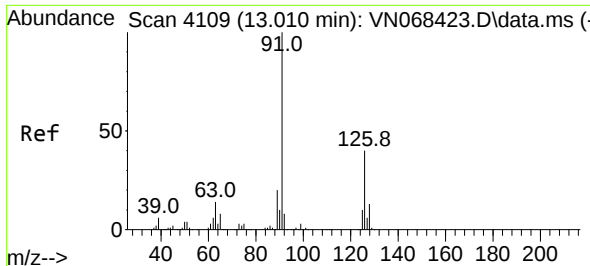
Tgt Ion:156 Resp: 437301  
Ion Ratio Lower Upper  
156 100  
77 171.2 73.0 219.0  
158 97.3 49.0 147.2



#78  
n-propylbenzene  
Concen: 53.709 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 91 Resp: 1849049  
Ion Ratio Lower Upper  
91 100  
120 24.5 13.2 39.6

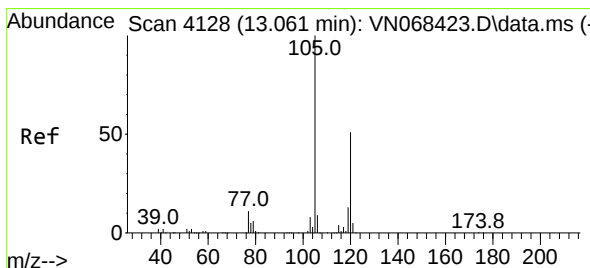
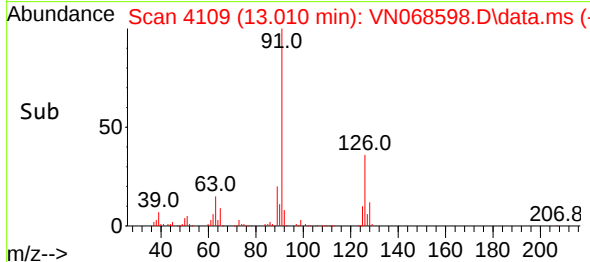
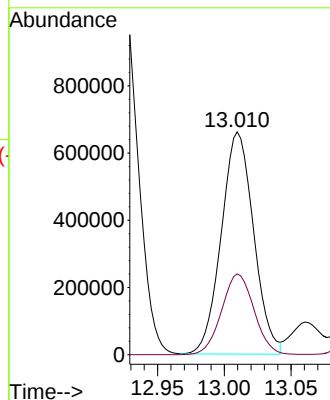
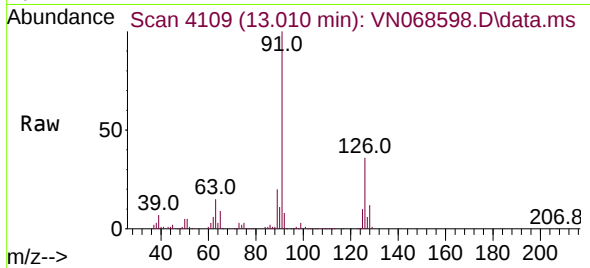




#79  
2-Chlorotoluene  
Concen: 52.634 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

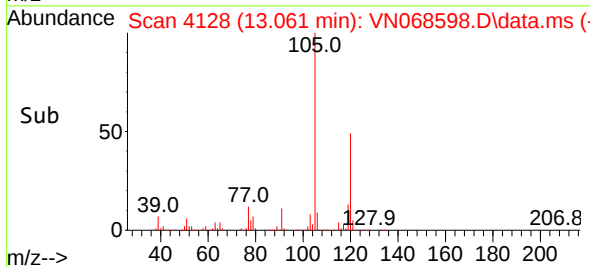
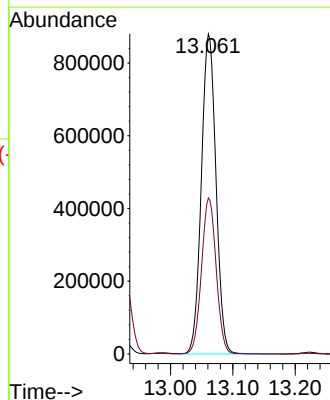
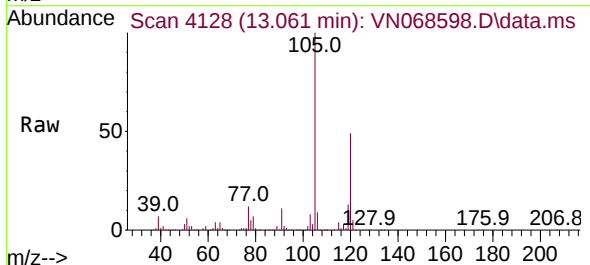
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

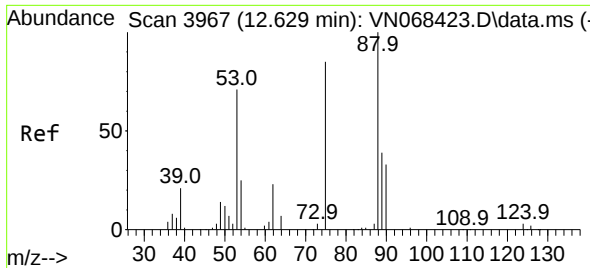
Tgt Ion: 91 Resp: 1117111  
Ion Ratio Lower Upper  
91 100  
126 36.5 20.1 60.3



#80  
1,3,5-Trimethylbenzene  
Concen: 54.005 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 105 Resp: 1430408  
Ion Ratio Lower Upper  
105 100  
120 48.9 25.7 77.1

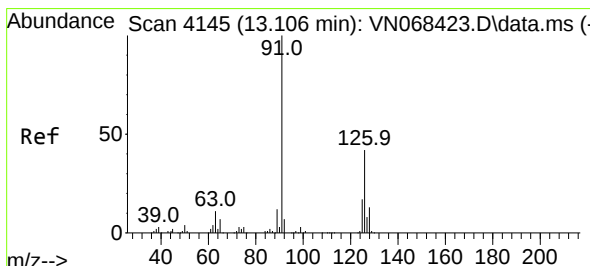
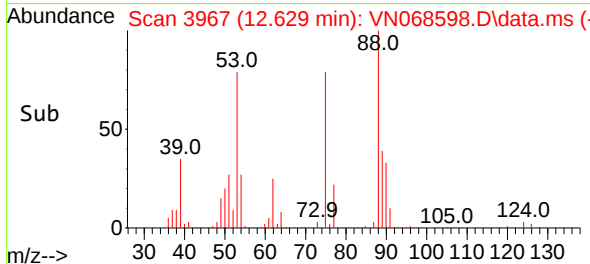
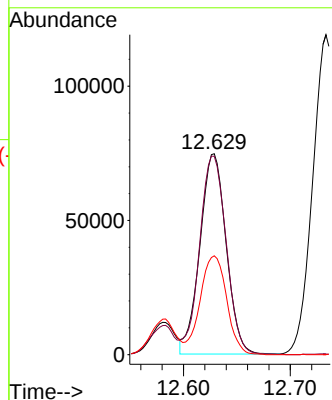
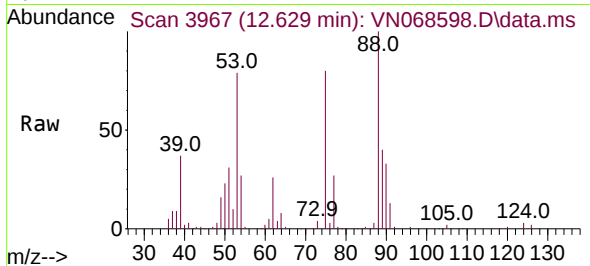




#81  
trans-1,4-Dichloro-2-butene  
Concen: 61.583 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. -0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

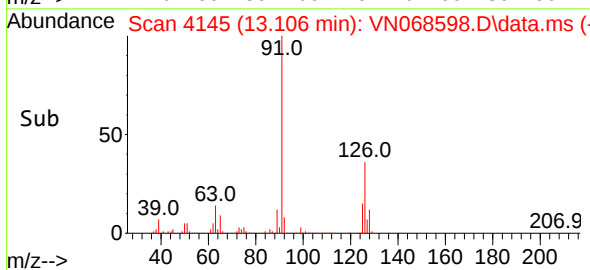
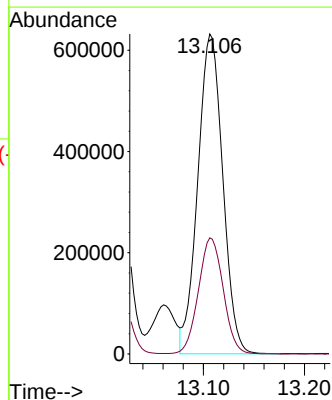
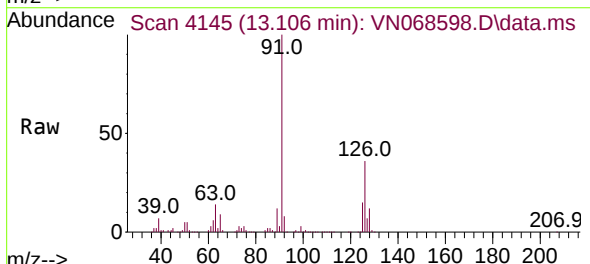
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

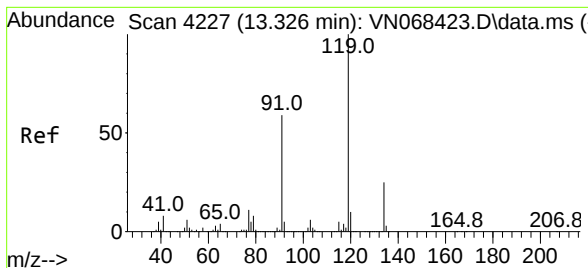
Tgt Ion: 75 Resp: 127363  
Ion Ratio Lower Upper  
75 100  
53 101.2 70.6 105.8  
89 50.2 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 52.978 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 91 Resp: 1084318  
Ion Ratio Lower Upper  
91 100  
126 36.2 19.8 59.3

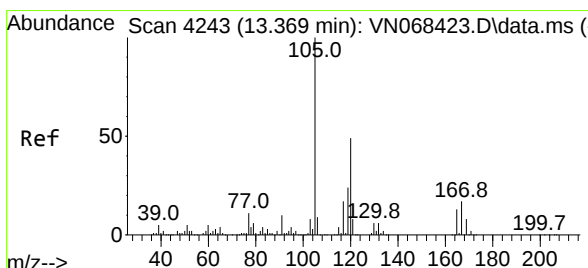
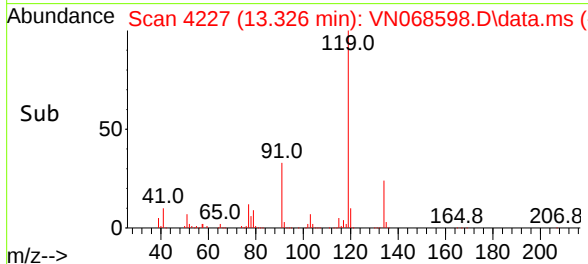
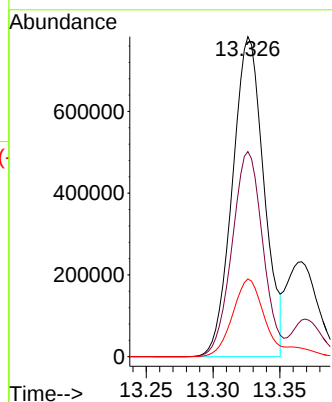
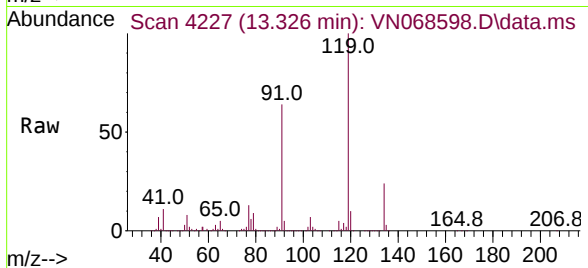




#83  
tert-Butylbenzene  
Concen: 53.147 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

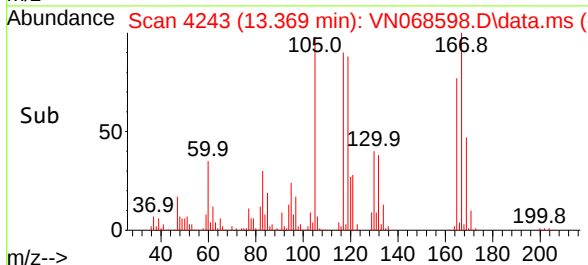
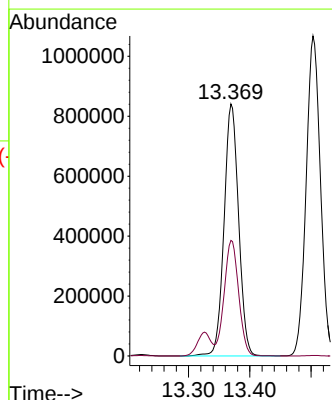
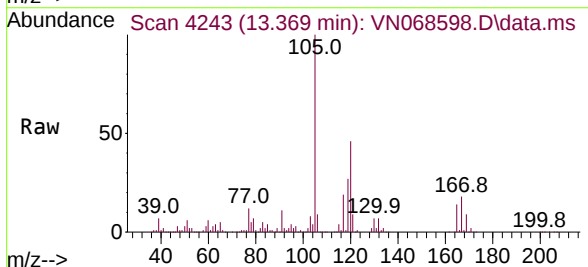
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

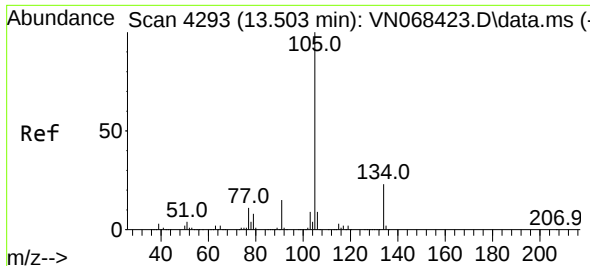
Tgt Ion:119 Resp: 1285269  
Ion Ratio Lower Upper  
119 100  
91 63.0 29.1 87.4  
134 26.4 13.7 41.0



#84  
1,2,4-Trimethylbenzene  
Concen: 54.588 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion:105 Resp: 1386662  
Ion Ratio Lower Upper  
105 100  
120 45.7 24.3 72.9

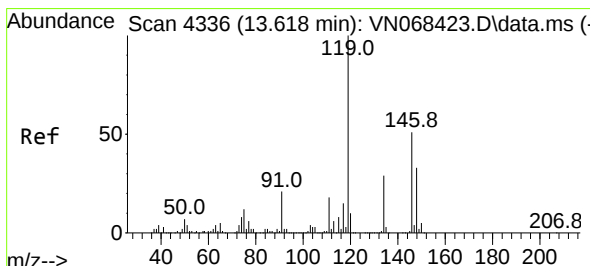
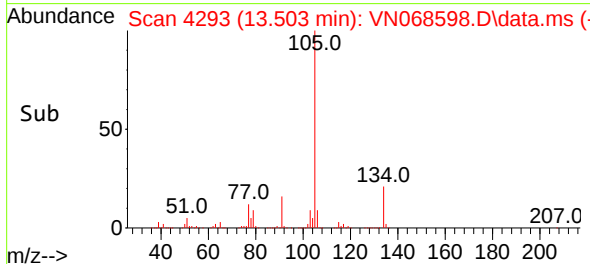
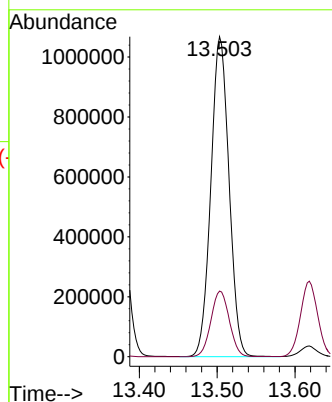
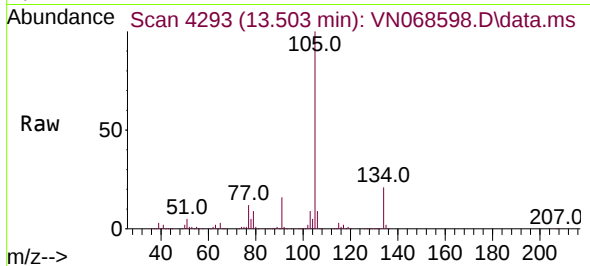




#85  
 sec-Butylbenzene  
 Concen: 54.167 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN068598.D  
 Acq: 21 Sep 2021 21:54

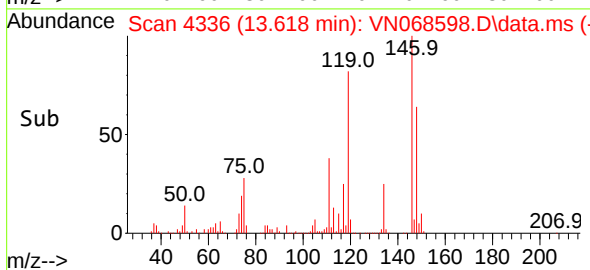
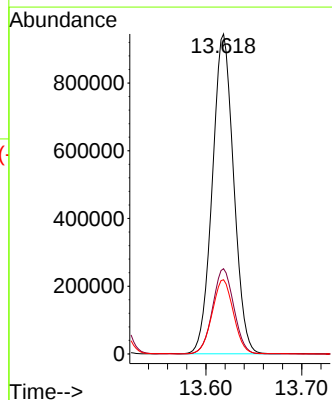
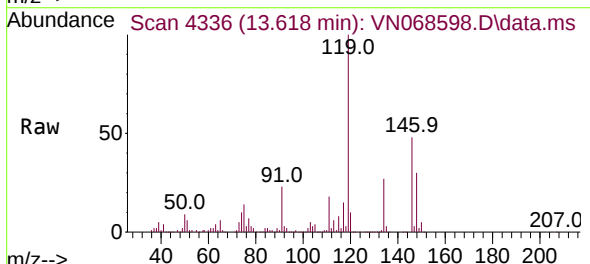
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

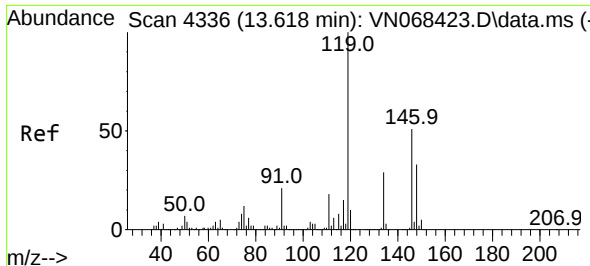
Tgt Ion:105 Resp: 1727203  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 11.4 34.1



#86  
 p-Isopropyltoluene  
 Concen: 54.034 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN068598.D  
 Acq: 21 Sep 2021 21:54

Tgt Ion:119 Resp: 1454302  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 14.1 42.4  
 91 23.3 10.6 31.8

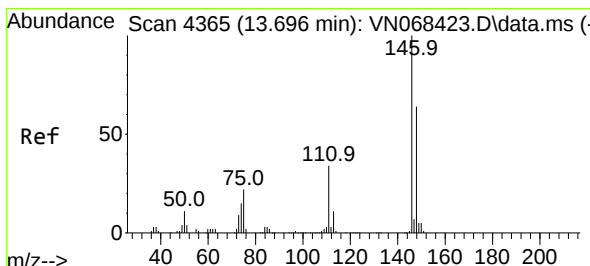
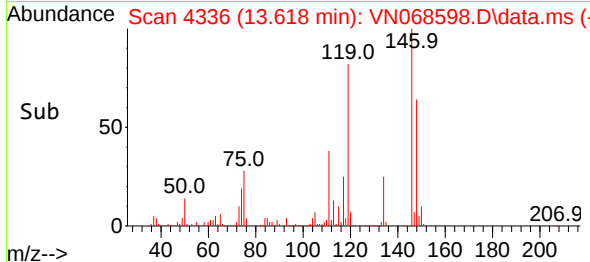
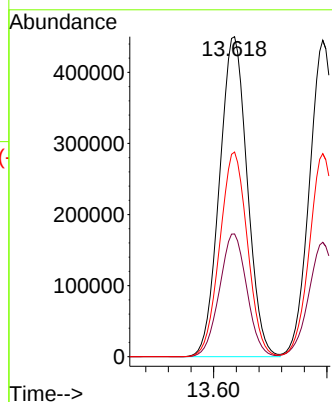
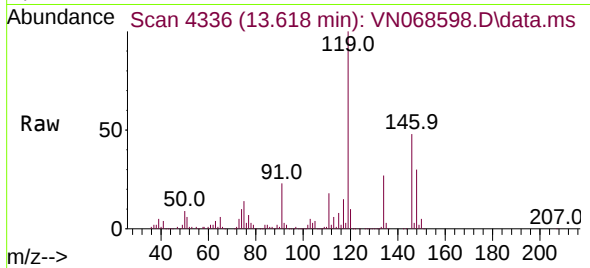




#87  
 1,3-Dichlorobenzene  
 Concen: 48.990 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN068598.D  
 Acq: 21 Sep 2021 21:54

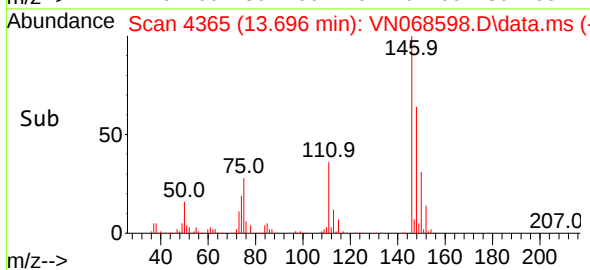
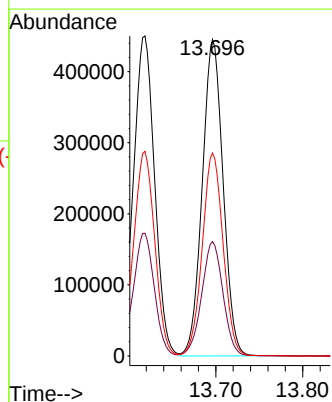
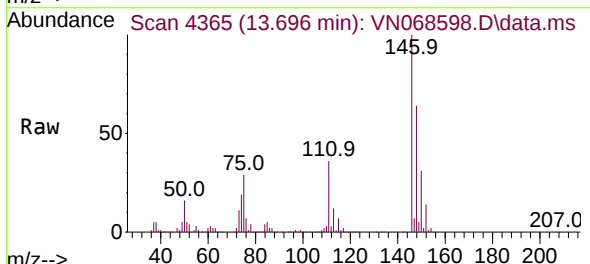
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 ClientSampleId :  
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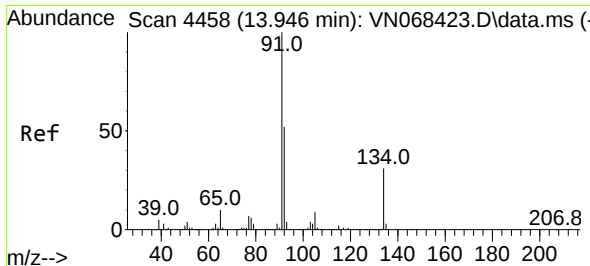
Tgt Ion:146 Resp: 766550  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 17.6 52.8  
 148 63.8 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 48.038 ug/l  
 RT: 13.696 min Scan# 4365  
 Delta R.T. 0.000 min  
 Lab File: VN068598.D  
 Acq: 21 Sep 2021 21:54

Tgt Ion:146 Resp: 740857  
 Ion Ratio Lower Upper  
 146 100  
 111 36.8 17.2 51.6  
 148 64.2 31.9 95.7

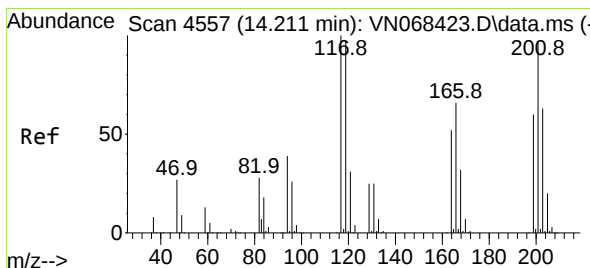
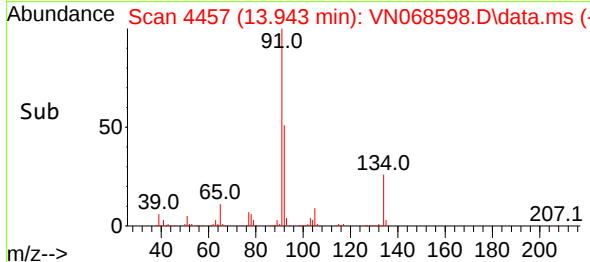
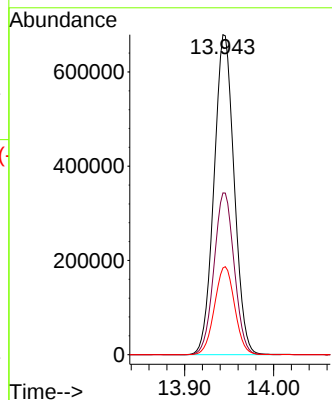
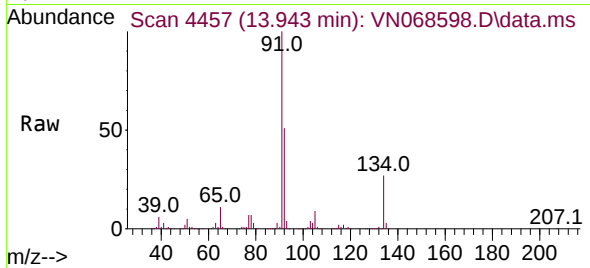




#89  
n-Butylbenzene  
Concen: 54.482 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. -0.003 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

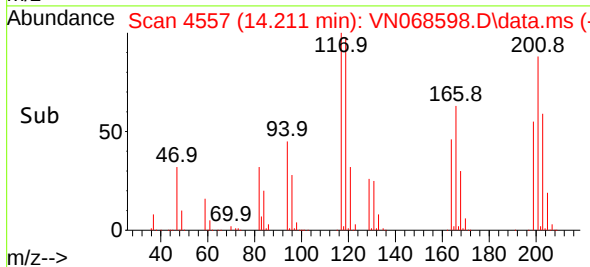
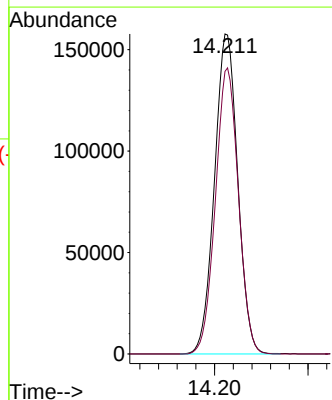
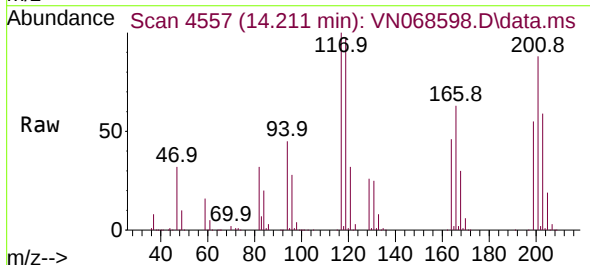
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ClientSampleId :  
VSTDCCC050EC

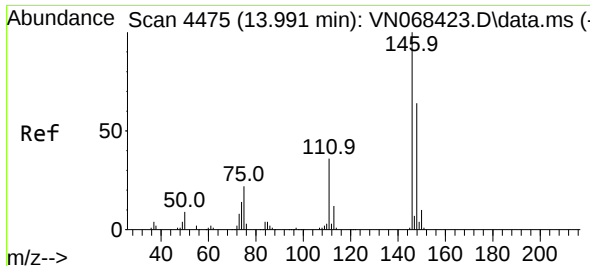
Tgt Ion: 91 Resp: 1068181  
Ion Ratio Lower Upper  
91 100  
92 50.9 26.0 78.0  
134 27.6 15.4 46.2



#90  
Hexachloroethane  
Concen: 57.672 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 117 Resp: 272463  
Ion Ratio Lower Upper  
117 100  
201 88.5 49.3 147.9

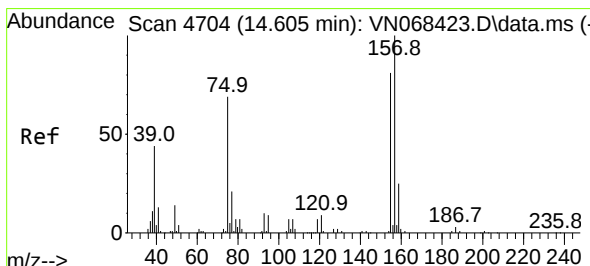
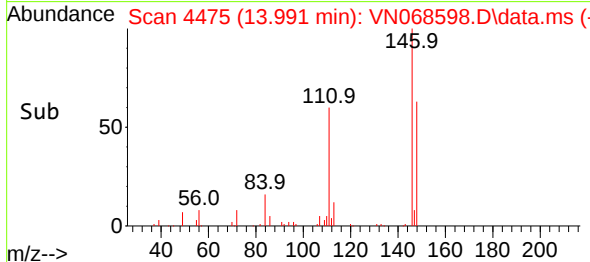
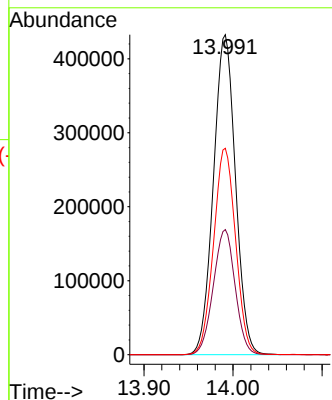
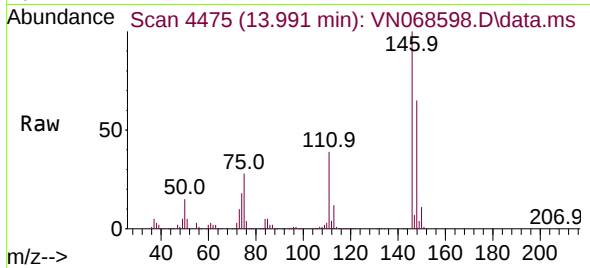




#91  
1,2-Dichlorobenzene  
Concen: 49.396 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

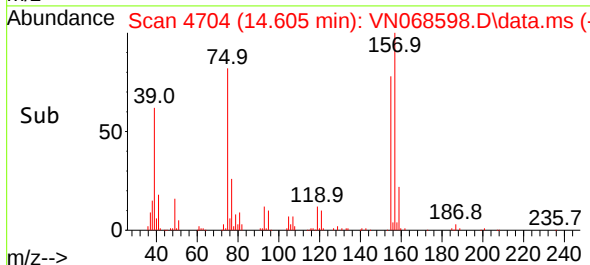
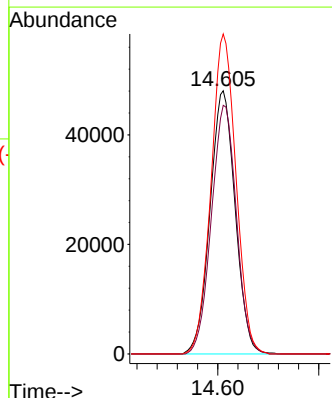
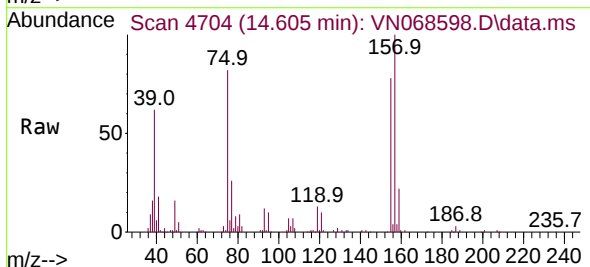
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

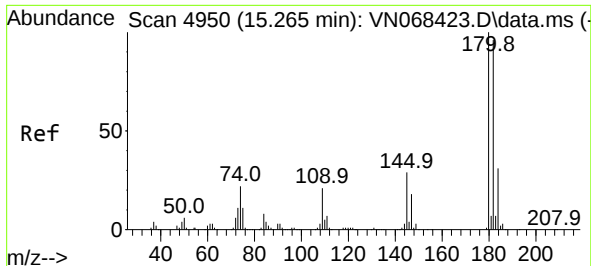
Tgt Ion:146 Resp: 745566  
Ion Ratio Lower Upper  
146 100  
111 38.7 18.1 54.3  
148 64.3 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.238 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion: 75 Resp: 83041  
Ion Ratio Lower Upper  
75 100  
155 93.7 56.9 170.7  
157 120.2 73.0 219.2

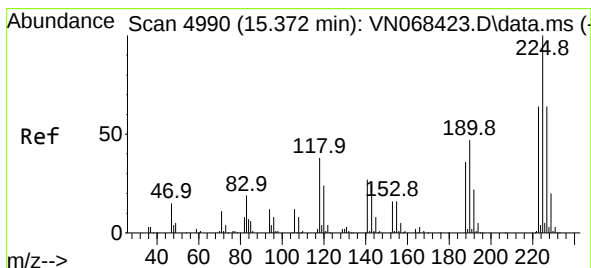
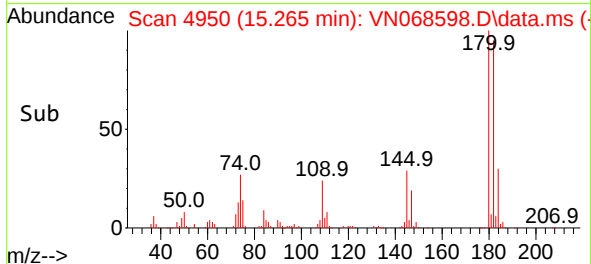
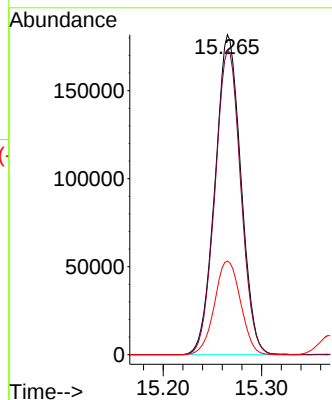
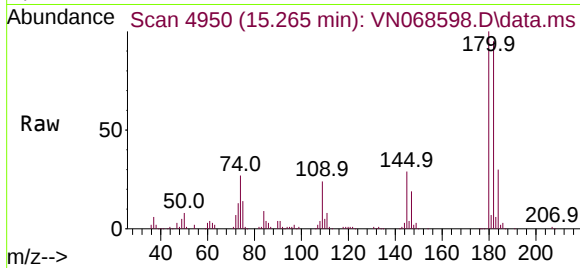




#93  
1,2,4-Trichlorobenzene  
Concen: 39.381 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

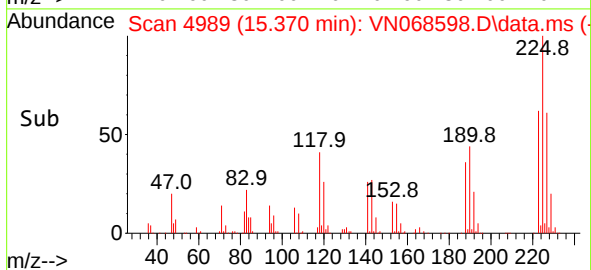
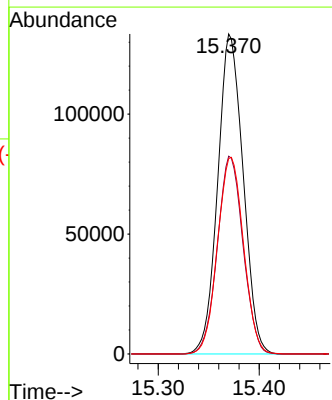
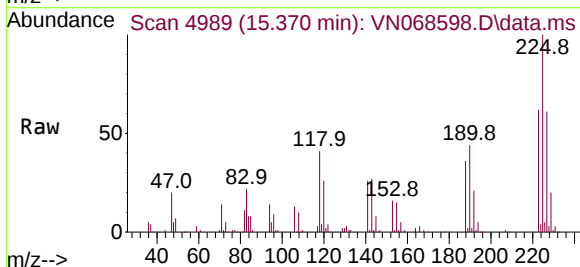
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

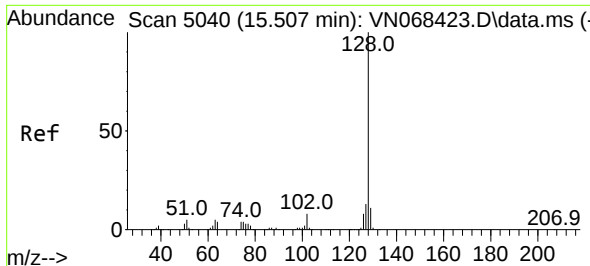
Tgt Ion:180 Resp: 331629  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.5 142.6  
145 29.6 14.1 42.4



#94  
Hexachlorobutadiene  
Concen: 52.178 ug/l  
RT: 15.370 min Scan# 4989  
Delta R.T. -0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion:225 Resp: 232427  
Ion Ratio Lower Upper  
225 100  
223 62.6 32.0 96.2  
227 63.0 31.9 95.5

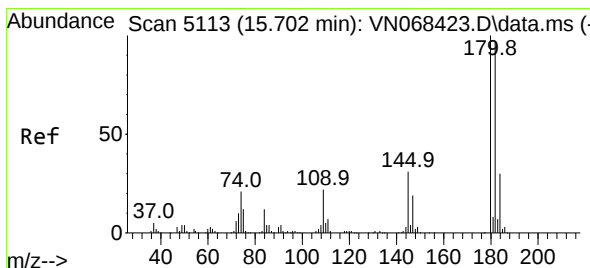
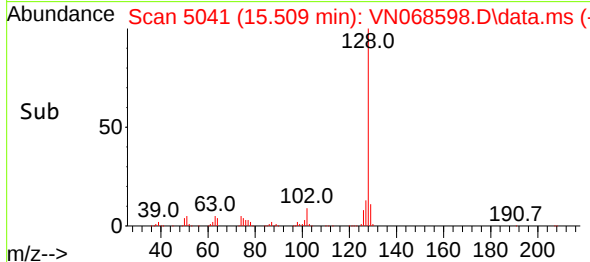
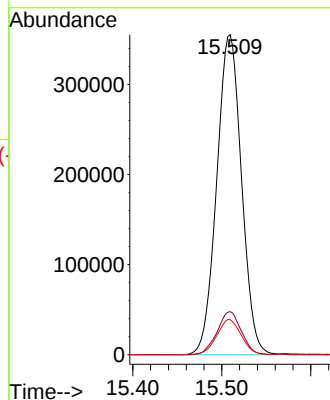
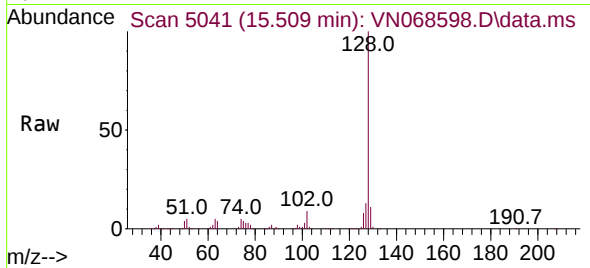




#95  
Naphthalene  
Concen: 38.728 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 687324  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.6 15.8  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 39.033 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN068598.D  
Acq: 21 Sep 2021 21:54

Tgt Ion:180 Resp: 309779  
Ion Ratio Lower Upper  
180 100  
182 93.6 47.9 143.6  
145 30.7 15.2 45.5

