

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060922\  
 Data File : VN072725.D  
 Acq On : 09 Jun 2022 13:01  
 Operator : JC\MD  
 Sample : VN0609WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

Quant Time: Jun 09 15:48:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 09 05:17:31 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.081  | 168   | 148466   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 8.963  | 114   | 274397   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.739 | 117   | 295243   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.668 | 152   | 134056   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.428  | 65    | 209486   | 52.572   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | = 105.140% |          |
| 35) Dibromofluoromethane     | 8.016  | 113   | 139347   | 51.323   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | = 102.640% |          |
| 50) Toluene-d8               | 10.439 | 98    | 548043   | 50.591   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | = 101.180% |          |
| 62) 4-Bromofluorobenzene     | 12.727 | 95    | 192823   | 51.873   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | = 103.740% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.069  | 85    | 46858    | 19.456   | ug/l       | 100      |
| 3) Chloromethane             | 2.293  | 50    | 51863    | 19.670   | ug/l       | 96       |
| 4) Vinyl Chloride            | 2.434  | 62    | 48566    | 18.415   | ug/l       | 99       |
| 5) Bromomethane              | 2.828  | 94    | 28668    | 22.592   | ug/l       | 98       |
| 6) Chloroethane              | 3.004  | 64    | 37921    | 22.273   | ug/l       | 90       |
| 7) Trichlorofluoromethane    | 3.363  | 101   | 82510    | 19.657   | ug/l       | 95       |
| 8) Diethyl Ether             | 3.816  | 74    | 35115    | 20.575   | ug/l       | 80       |
| 9) 1,1,2-Trichlorotrifluo... | 4.199  | 101   | 45864    | 19.953   | ug/l       | 89       |
| 10) Methyl Iodide            | 4.416  | 142   | 40524    | 18.908   | ug/l       | # 85     |
| 11) Tert butyl alcohol       | 5.363  | 59    | 96116    | 101.116  | ug/l       | 100      |
| 12) 1,1-Dichloroethene       | 4.175  | 96    | 41104    | 19.187   | ug/l       | 89       |
| 13) Acrolein                 | 4.034  | 56    | 41192    | 104.926  | ug/l       | 98       |
| 14) Allyl chloride           | 4.834  | 41    | 98491    | 19.914   | ug/l       | # 90     |
| 15) Acrylonitrile            | 5.545  | 53    | 209817   | 104.180  | ug/l       | 99       |
| 16) Acetone                  | 4.281  | 43    | 191200   | 100.138  | ug/l       | 92       |
| 17) Carbon Disulfide         | 4.522  | 76    | 93160    | 19.017   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.851  | 43    | 104661   | 21.067   | ug/l       | # 89     |
| 19) Methyl tert-butyl Ether  | 5.610  | 73    | 206817   | 21.344   | ug/l       | 98       |
| 20) Methylene Chloride       | 5.093  | 84    | 58117    | 21.202   | ug/l       | 87       |
| 21) trans-1,2-Dichloroethene | 5.587  | 96    | 45160    | 19.144   | ug/l       | 89       |
| 22) Diisopropyl ether        | 6.487  | 45    | 212359   | 21.185   | ug/l       | 94       |
| 23) Vinyl Acetate            | 6.428  | 43    | 977040   | 106.460  | ug/l       | # 92     |
| 24) 1,1-Dichloroethane       | 6.381  | 63    | 108150   | 20.777   | ug/l       | 97       |
| 25) 2-Butanone               | 7.328  | 43    | 313129   | 101.947  | ug/l       | # 87     |
| 26) 2,2-Dichloropropane      | 7.322  | 77    | 94848    | 20.152   | ug/l       | 95       |
| 27) cis-1,2-Dichloroethene   | 7.322  | 96    | 61874    | 20.622   | ug/l       | 87       |
| 28) Bromochloromethane       | 7.651  | 49    | 53095    | 21.596   | ug/l       | # 78     |
| 29) Tetrahydrofuran          | 7.675  | 42    | 192799   | 101.584  | ug/l       | 90       |
| 30) Chloroform               | 7.810  | 83    | 112422   | 20.718   | ug/l       | 99       |
| 31) Cyclohexane              | 8.086  | 56    | 87548    | 20.330   | ug/l       | # 85     |
| 32) 1,1,1-Trichloroethane    | 8.010  | 97    | 93923    | 19.587   | ug/l       | 96       |
| 36) 1,1-Dichloropropene      | 8.216  | 75    | 72643    | 19.275   | ug/l       | 95       |
| 37) Ethyl Acetate            | 7.404  | 43    | 120273   | 20.541   | ug/l       | 95       |
| 38) Carbon Tetrachloride     | 8.204  | 117   | 80220    | 19.918   | ug/l       | 98       |
| 39) Methylcyclohexane        | 9.457  | 83    | 81736    | 18.689   | ug/l       | 91       |
| 40) Benzene                  | 8.457  | 78    | 231851   | 20.273   | ug/l       | 99       |

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 Sample : VN0609WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

Quant Time: Jun 09 15:48:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 09 05:17:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 57620    | 29.194  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.522  | 62   | 102226   | 21.559  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 194103   | 21.286  | ug/l # | 93       |
| 44) Trichloroethene           | 9.210  | 130  | 53629    | 20.142  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 64660    | 20.923  | ug/l   | 97       |
| 46) Dibromomethane            | 9.575  | 93   | 44625    | 20.656  | ug/l # | 85       |
| 47) Bromodichloromethane      | 9.757  | 83   | 93077    | 20.958  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.557  | 41   | 85105    | 19.726  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 34675    | 439.688 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 632853   | 106.568 | ug/l   | 91       |
| 52) Toluene                   | 10.504 | 92   | 146175   | 20.471  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 104264   | 21.134  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 109535   | 21.488  | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 10.898 | 97   | 64504    | 20.933  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 117985   | 21.649  | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 116795   | 21.226  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 238496   | 109.803 | ug/l   | 92       |
| 59) 2-Hexanone                | 11.080 | 43   | 477482   | 109.344 | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.233 | 129  | 69843    | 21.838  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.345 | 107  | 68450    | 21.675  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.975 | 164  | 47385    | 19.063  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.769 | 112  | 159975   | 20.334  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 63140    | 20.175  | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.839 | 91   | 293200   | 19.820  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.951 | 106  | 211459   | 40.224  | ug/l   | 89       |
| 69) o-Xylene                  | 12.280 | 106  | 108959   | 20.618  | ug/l   | 92       |
| 70) Styrene                   | 12.292 | 104  | 172074   | 20.718  | ug/l   | 95       |
| 71) Bromoform                 | 12.457 | 173  | 46706    | 21.218  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.574 | 105  | 281484   | 19.575  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.386 | 43   | 143102   | 21.412  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 102382   | 20.511  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 137262   | 31.730  | ug/l   | 45       |
| 77) Bromobenzene              | 12.857 | 156  | 57515    | 20.290  | ug/l   | 68       |
| 78) n-propylbenzene           | 12.916 | 91   | 317860   | 20.246  | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 195985   | 19.899  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 232925   | 20.443  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 32624    | 19.723  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 185879   | 20.434  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 198274   | 19.813  | ug/l   | 88       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 225961   | 20.727  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 275395   | 20.395  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 215953   | 20.331  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 98980    | 20.558  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 97747    | 20.723  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.939 | 91   | 182025   | 20.340  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.204 | 117  | 43566    | 18.950  | ug/l   | 75       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 98114    | 20.791  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 23619    | 19.589  | ug/l   | 70       |
| 93) 1,2,4-Trichlorobenzene    | 15.262 | 180  | 47751    | 21.034  | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.368 | 225  | 21563    | 21.204  | ug/l   | 96       |
| 95) Naphthalene               | 15.504 | 128  | 183161   | 20.795  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 49714    | 21.991  | ug/l   | 96       |

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Sample : VN0609WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

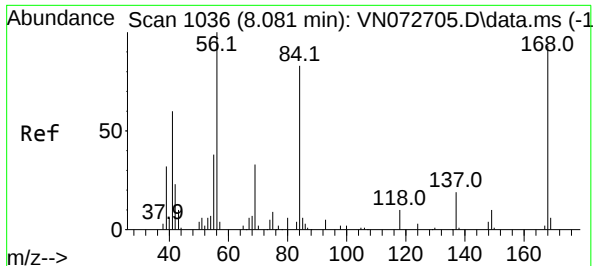
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

Quant Time: Jun 09 15:48:52 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 09 05:17:31 2022  
Response via : Initial Calibration

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

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

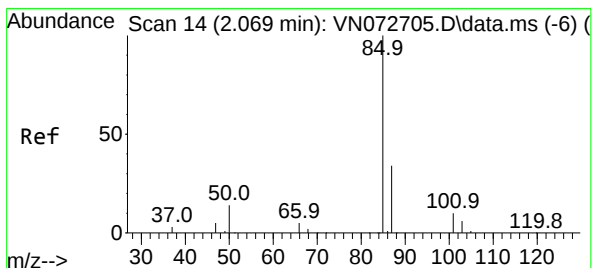
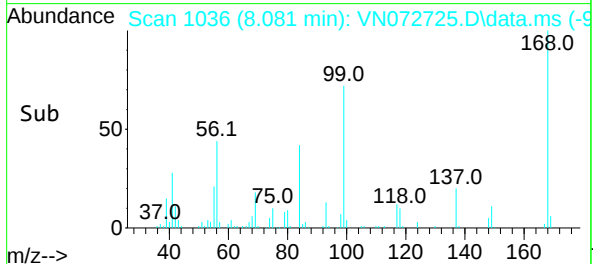
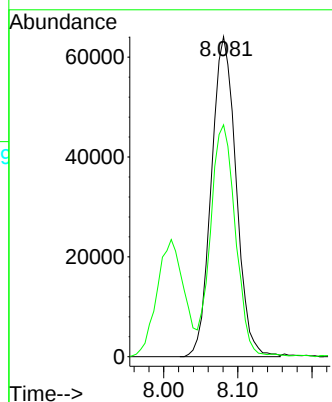
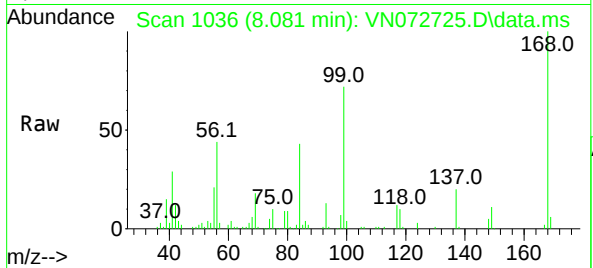




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

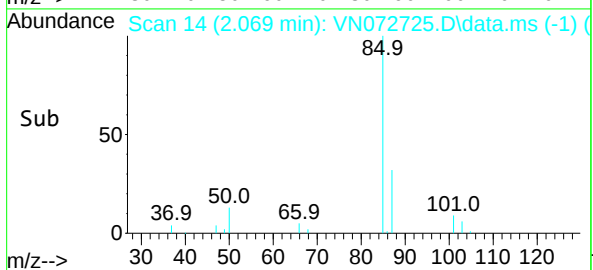
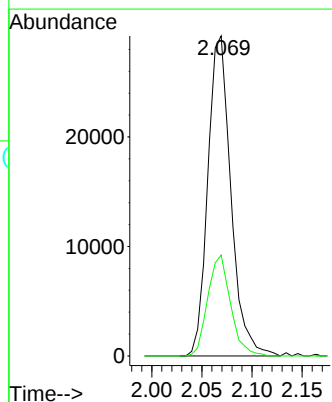
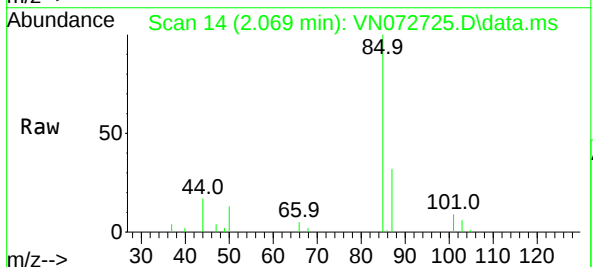
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

Tgt Ion:168 Resp: 148466  
Ion Ratio Lower Upper  
168 100  
99 71.9 42.3 63.5#



#2  
Dichlorodifluoromethane  
Concen: 19.456 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 85 Resp: 46858  
Ion Ratio Lower Upper  
85 100  
87 31.5 15.7 47.1

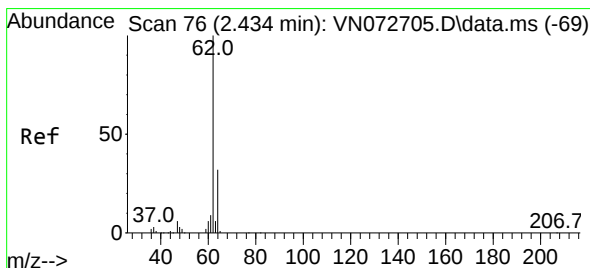
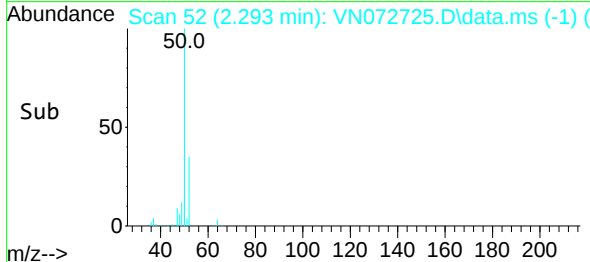
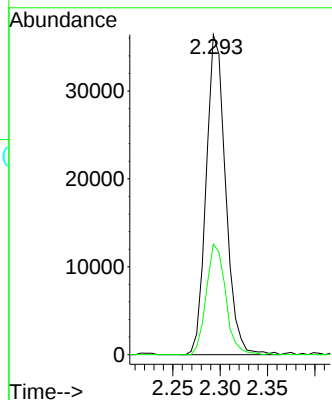
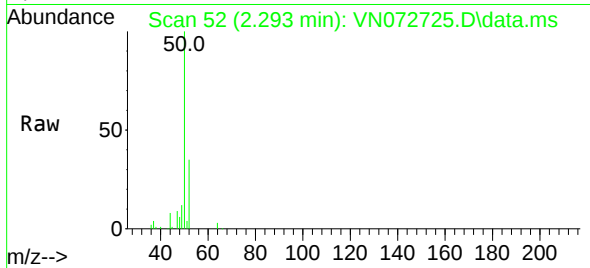




#3  
Chloromethane  
Concen: 19.670 ug/l  
RT: 2.293 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

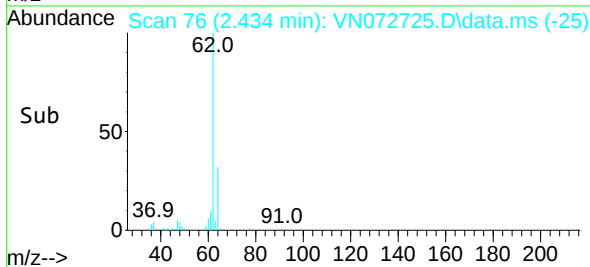
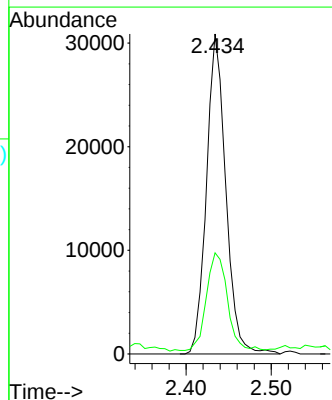
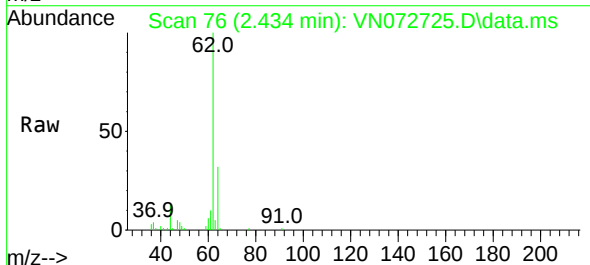
Instrument :  
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VN0609WBSD01

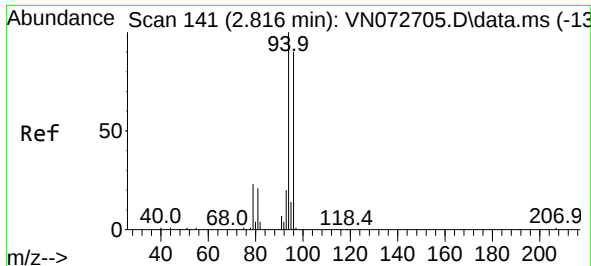
Tgt Ion: 50 Resp: 51863  
Ion Ratio Lower Upper  
50 100  
52 34.5 25.7 38.5



#4  
Vinyl Chloride  
Concen: 18.415 ug/l  
RT: 2.434 min Scan# 76  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

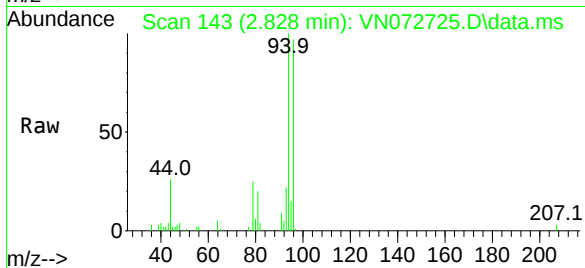
Tgt Ion: 62 Resp: 48566  
Ion Ratio Lower Upper  
62 100  
64 30.5 25.0 37.4



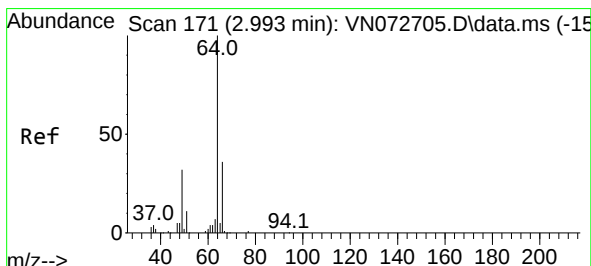
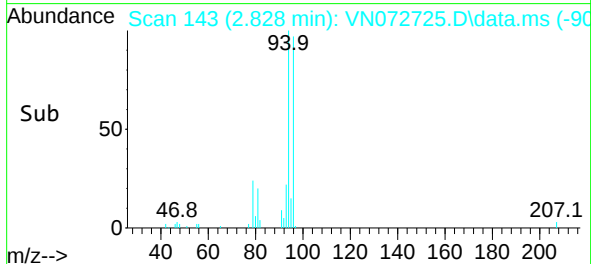
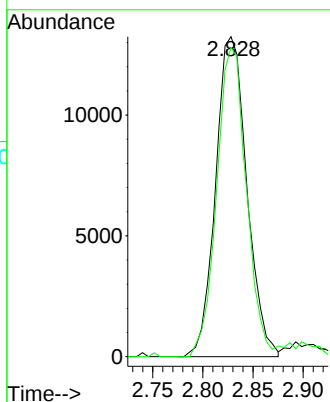


#5  
Bromomethane  
Concen: 22.592 ug/l  
RT: 2.828 min Scan# 141  
Delta R.T. 0.012 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

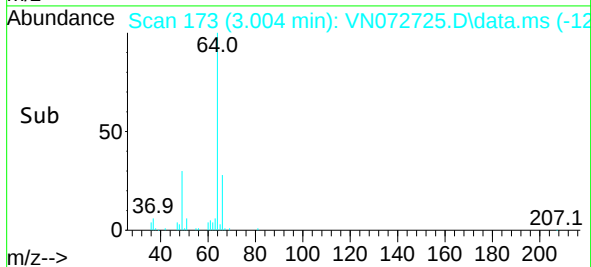
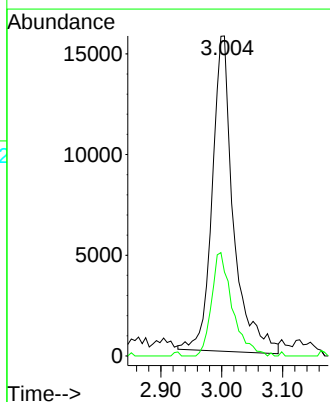
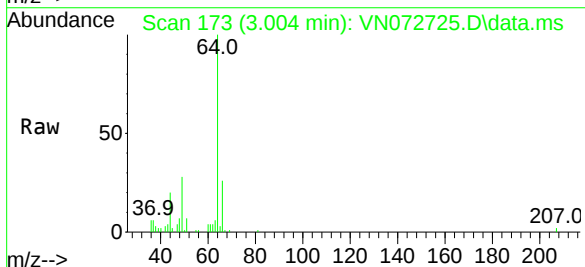


Tgt Ion: 94 Resp: 28668  
Ion Ratio Lower Upper  
94 100  
96 96.6 76.0 114.0



#6  
Chloroethane  
Concen: 22.273 ug/l  
RT: 3.004 min Scan# 173  
Delta R.T. 0.011 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 64 Resp: 37921  
Ion Ratio Lower Upper  
64 100  
66 27.1 26.2 39.4

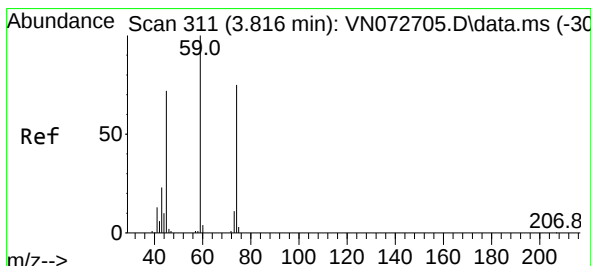
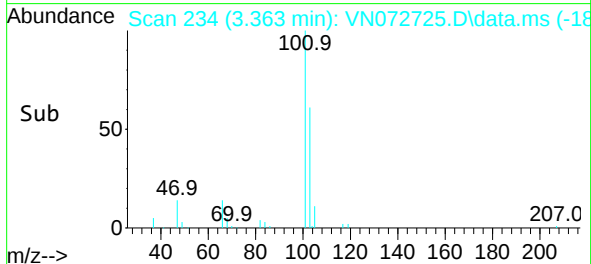
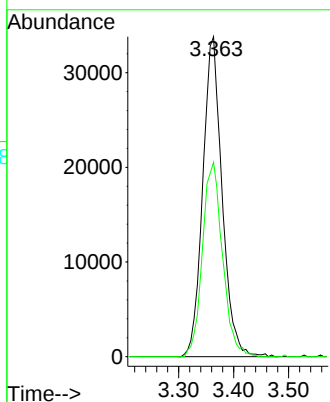
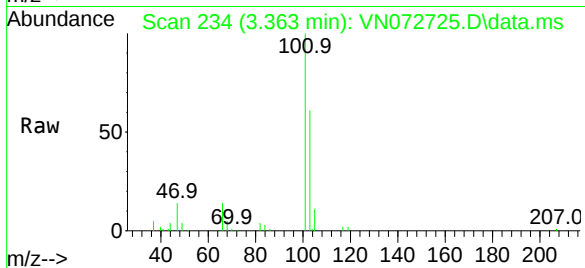




#7  
 Trichlorofluoromethane  
 Concen: 19.657 ug/l  
 RT: 3.363 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

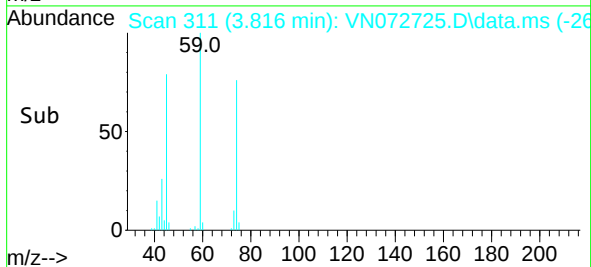
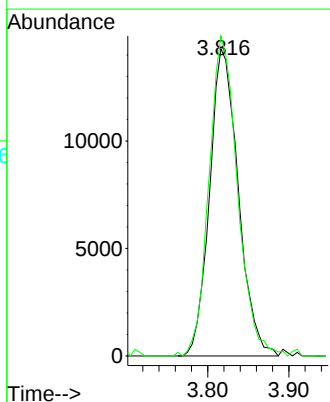
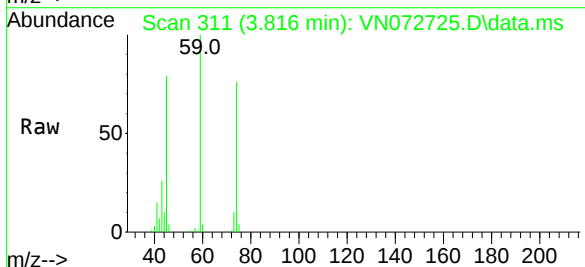
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 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

Tgt Ion:101 Resp: 82510  
 Ion Ratio Lower Upper  
 101 100  
 103 60.8 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 20.575 ug/l  
 RT: 3.816 min Scan# 311  
 Delta R.T. 0.000 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

Tgt Ion: 74 Resp: 35115  
 Ion Ratio Lower Upper  
 74 100  
 45 103.7 42.9 128.5

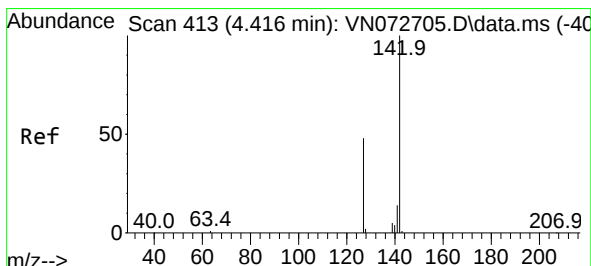
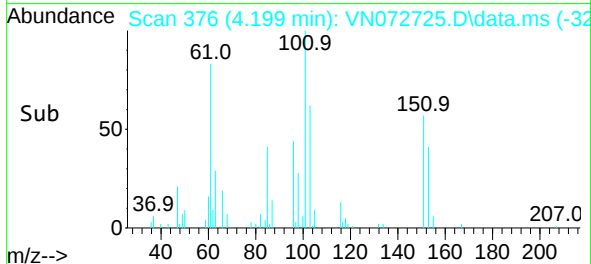
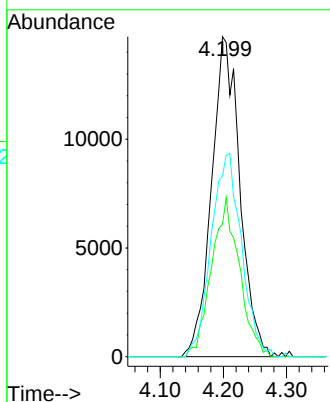
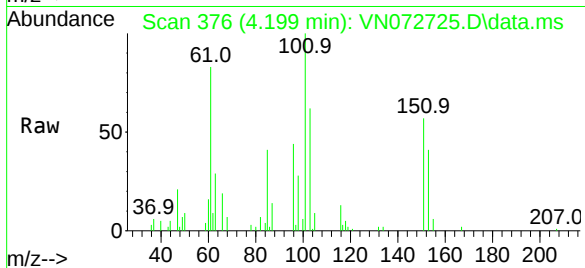




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.953 ug/l  
RT: 4.199 min Scan# 376  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

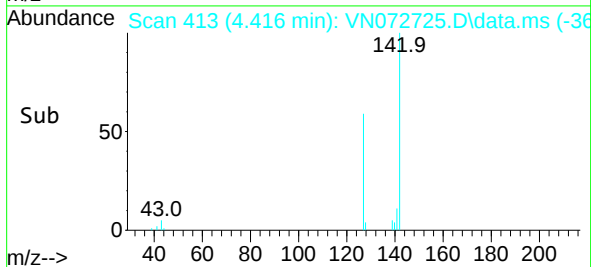
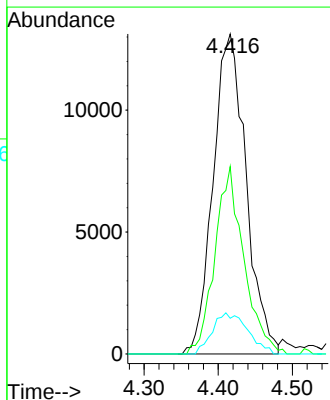
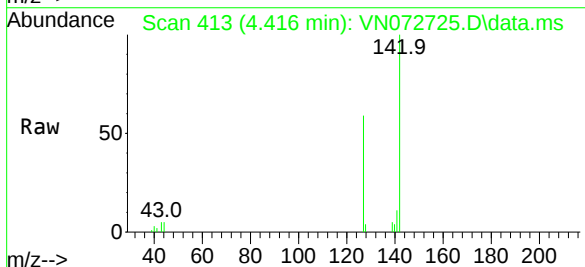
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

Tgt Ion:101 Resp: 45864  
Ion Ratio Lower Upper  
101 100  
85 48.8 34.7 52.1  
151 67.9 63.0 94.4



#10  
Methyl Iodide  
Concen: 18.908 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion:142 Resp: 40524  
Ion Ratio Lower Upper  
142 100  
127 51.5 31.3 46.9#  
141 13.7 11.2 16.8

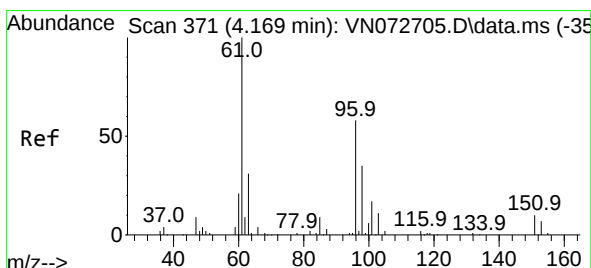
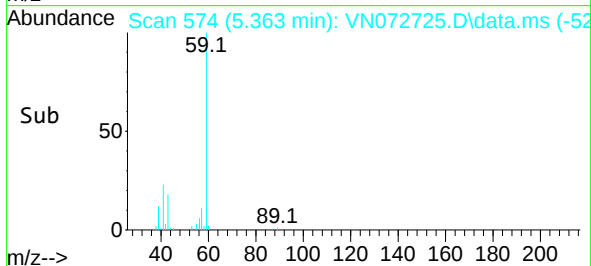
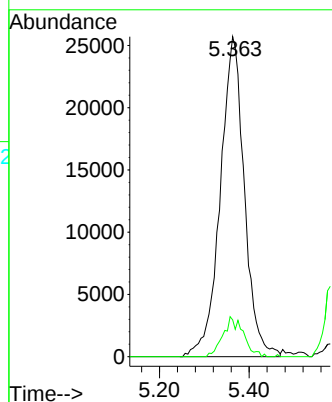
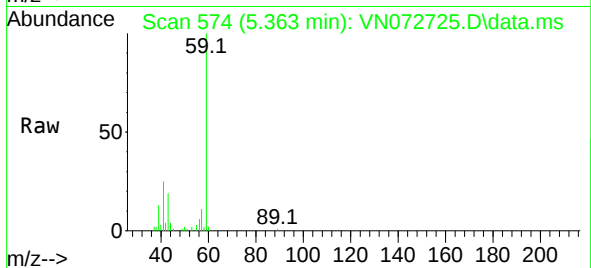




#11  
Tert butyl alcohol  
Concen: 101.116 ug/l  
RT: 5.363 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

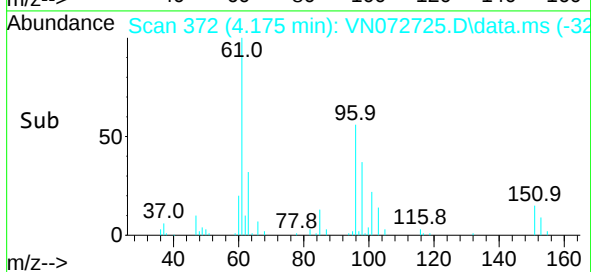
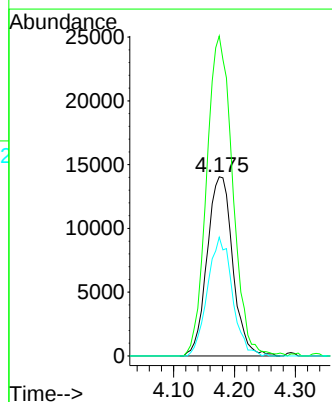
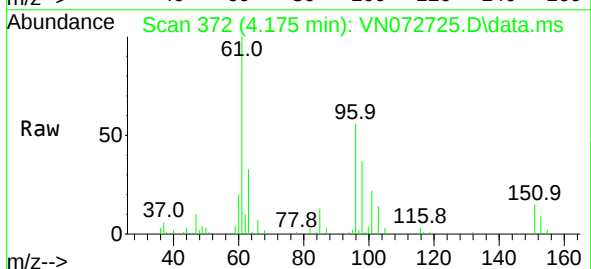
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

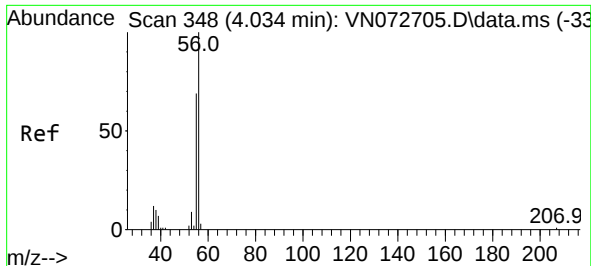
Tgt Ion: 59 Resp: 96116  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 19.187 ug/l  
RT: 4.175 min Scan# 372  
Delta R.T. 0.006 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

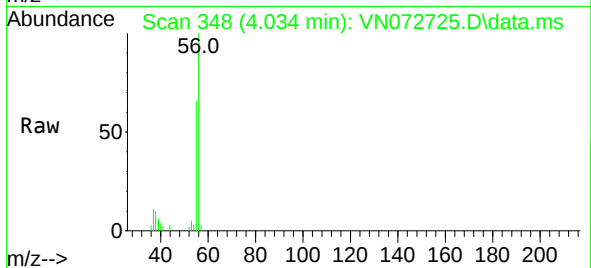
Tgt Ion: 96 Resp: 41104  
Ion Ratio Lower Upper  
96 100  
61 178.6 127.6 191.4  
98 66.3 51.2 76.8



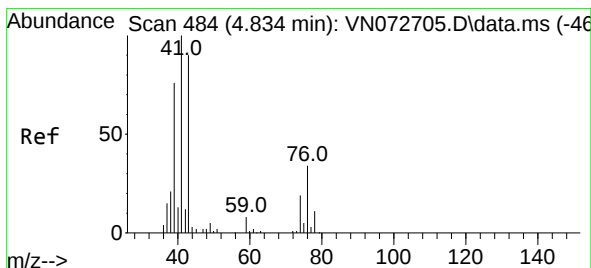
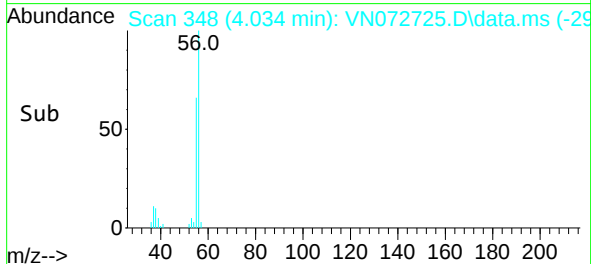
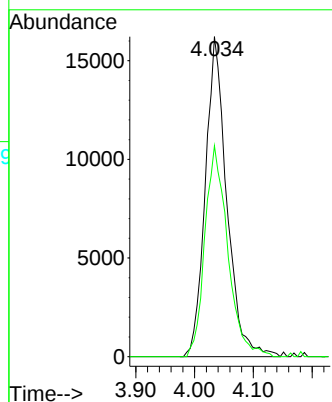


#13  
Acrolein  
Concen: 104.926 ug/l  
RT: 4.034 min Scan# 348  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

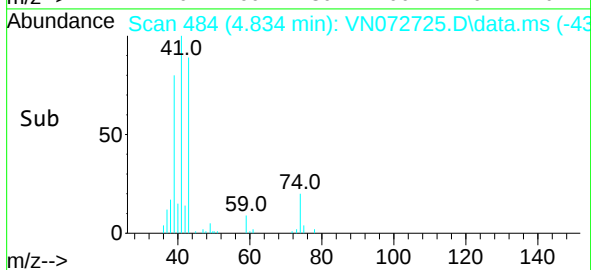
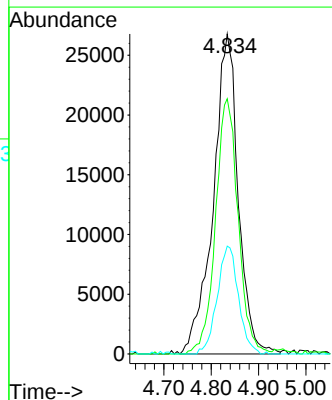
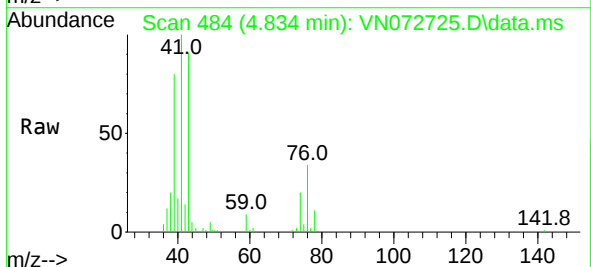


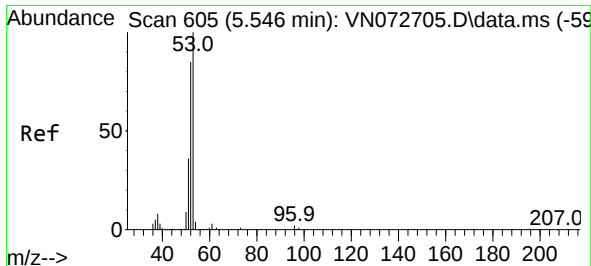
Tgt Ion: 56 Resp: 41192  
Ion Ratio Lower Upper  
56 100  
55 70.2 54.8 82.2



#14  
Allyl chloride  
Concen: 19.914 ug/l  
RT: 4.834 min Scan# 484  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 41 Resp: 98491  
Ion Ratio Lower Upper  
41 100  
39 72.0 53.2 79.8  
76 28.5 29.9 44.9#

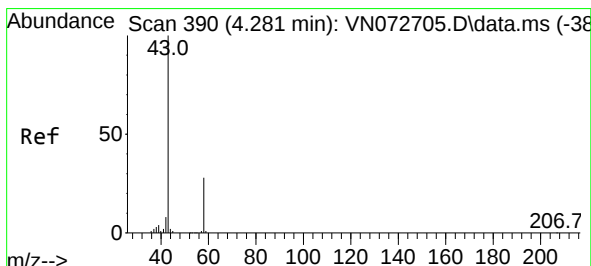
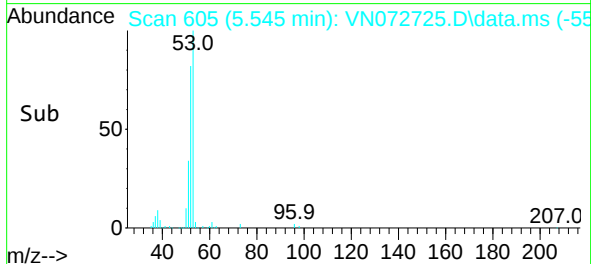
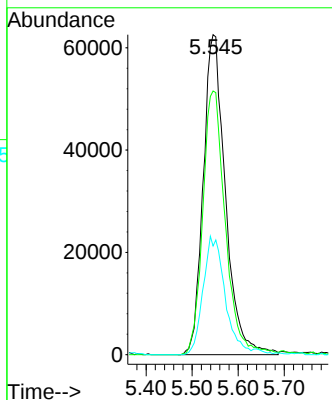
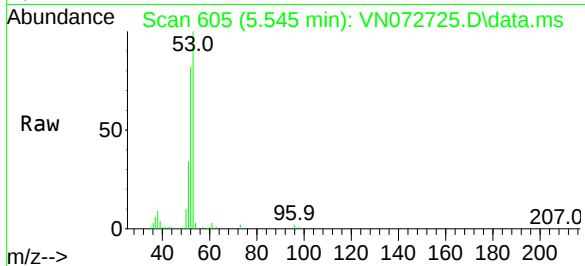




#15  
Acrylonitrile  
Concen: 104.180 ug/l  
RT: 5.545 min Scan# 605  
Delta R.T. -0.001 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

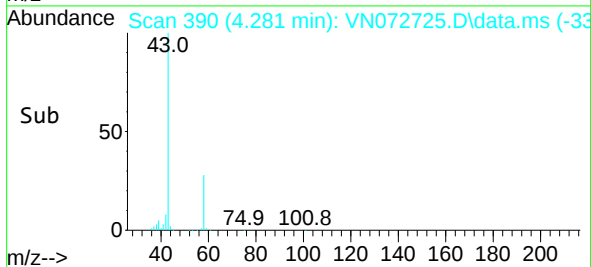
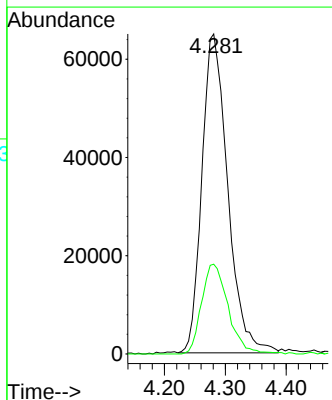
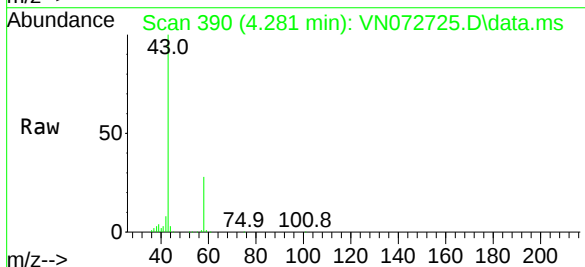
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

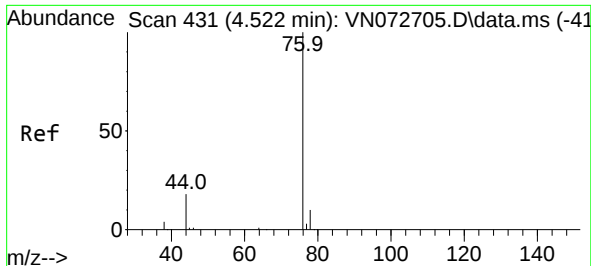
Tgt Ion: 53 Resp: 209817  
Ion Ratio Lower Upper  
53 100  
52 83.7 66.4 99.6  
51 36.4 28.5 42.7



#16  
Acetone  
Concen: 100.138 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 43 Resp: 191200  
Ion Ratio Lower Upper  
43 100  
58 28.2 26.0 39.0





#17

Carbon Disulfide

Concen: 19.017 ug/l

RT: 4.522 min Scan# 431

Delta R.T. 0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

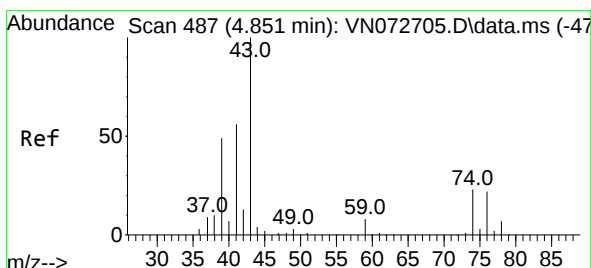
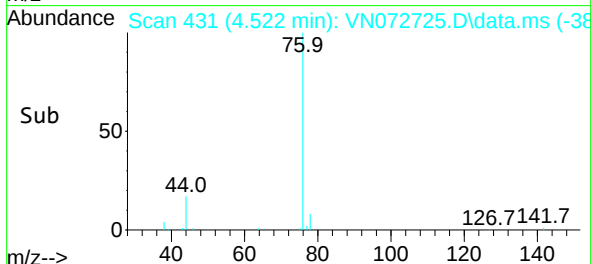
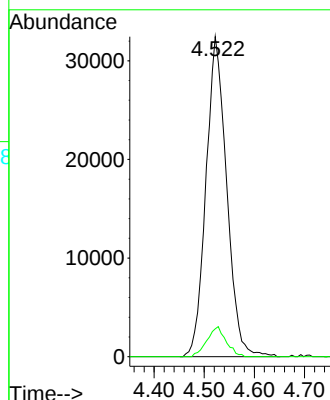
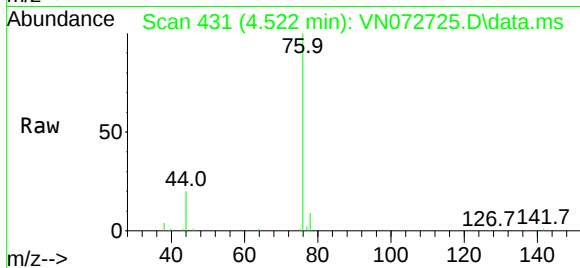
VN0609WBSD01

Tgt Ion: 76 Resp: 93160

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 21.067 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.000 min

Lab File: VN072725.D

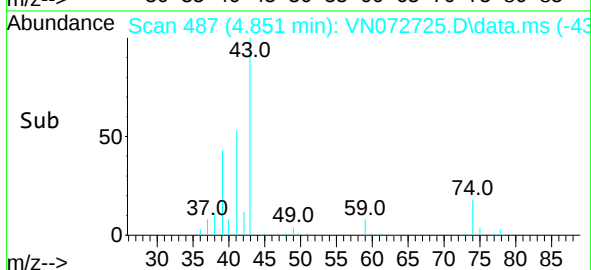
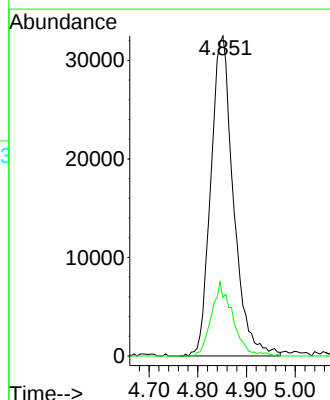
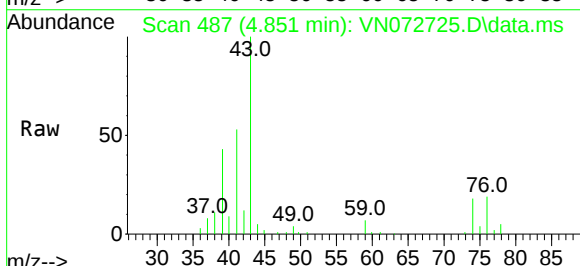
Acq: 09 Jun 2022 13:01

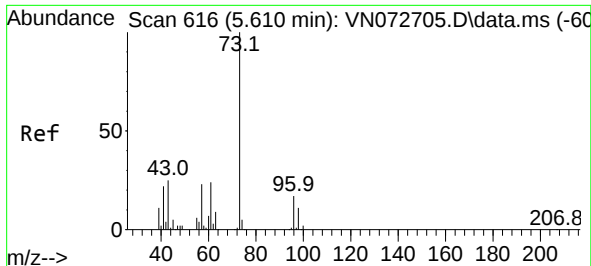
Tgt Ion: 43 Resp: 104661

Ion Ratio Lower Upper

43 100

74 21.3 21.6 32.4#

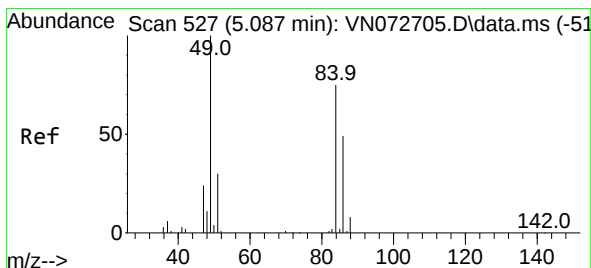
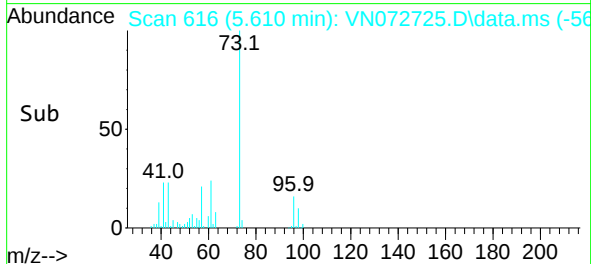
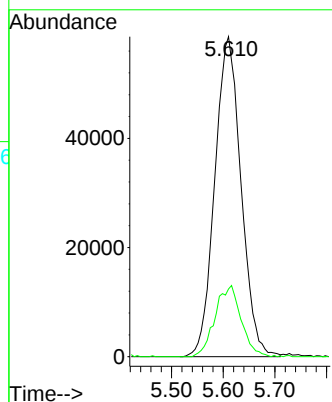
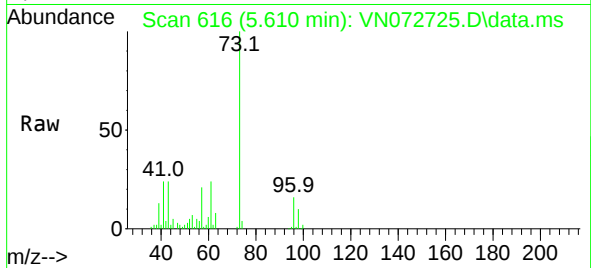




#19  
Methyl tert-butyl Ether  
Concen: 21.344 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

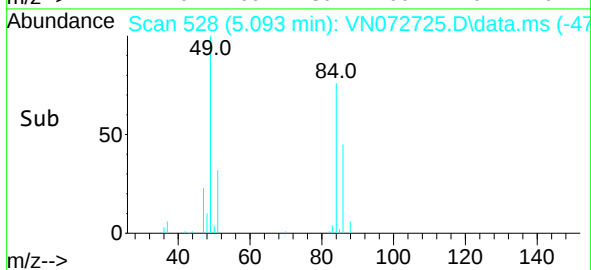
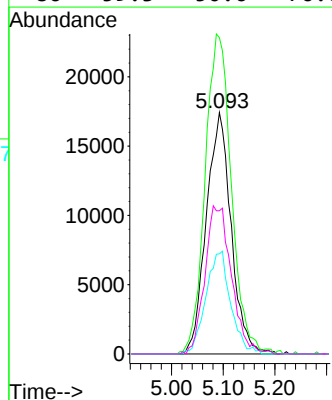
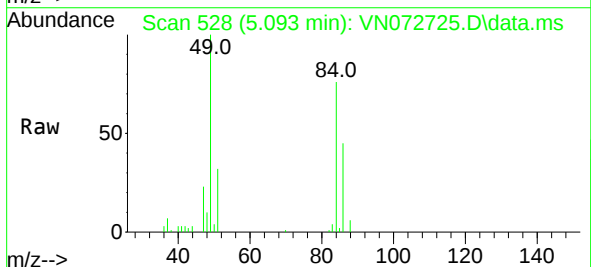
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

Tgt Ion: 73 Resp: 206817  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.6 26.4



#20  
Methylene Chloride  
Concen: 21.202 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. 0.006 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

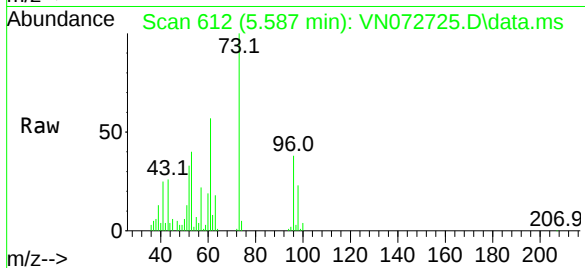
Tgt Ion: 84 Resp: 58117  
Ion Ratio Lower Upper  
84 100  
49 130.1 88.3 132.5  
51 41.5 28.2 42.2  
86 59.3 50.6 76.0



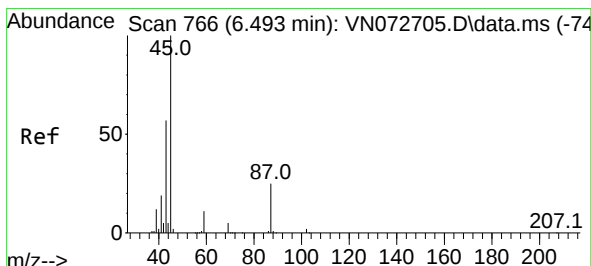
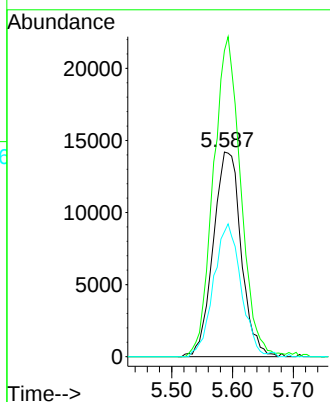
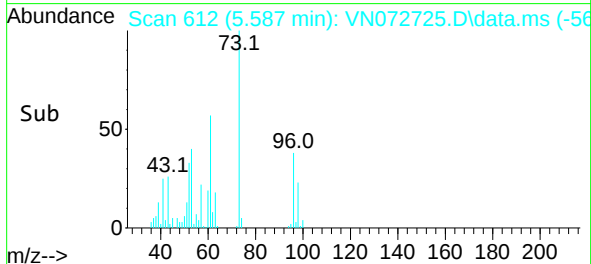


#21  
trans-1,2-Dichloroethene  
Concen: 19.144 ug/l  
RT: 5.587 min Scan# 612  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

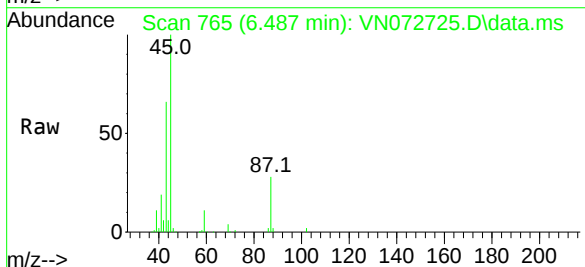
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01



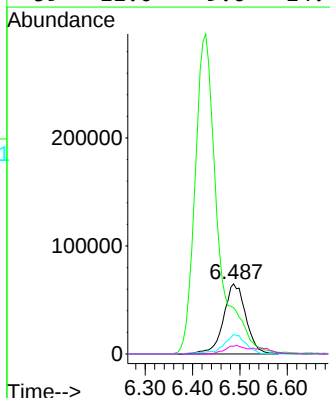
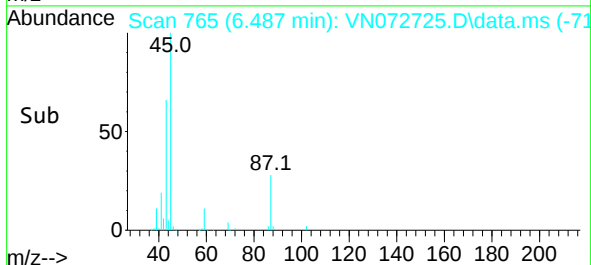
Tgt Ion: 96 Resp: 45160  
Ion Ratio Lower Upper  
96 100  
61 149.6 105.8 158.8  
98 61.0 50.3 75.5

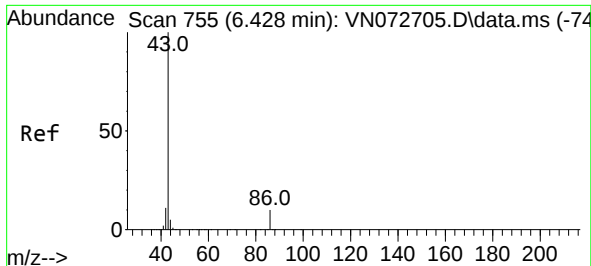


#22  
Diisopropyl ether  
Concen: 21.185 ug/l  
RT: 6.487 min Scan# 765  
Delta R.T. -0.006 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01



Tgt Ion: 45 Resp: 212359  
Ion Ratio Lower Upper  
45 100  
43 63.7 46.6 70.0  
87 27.6 24.3 36.5  
59 11.0 9.6 14.4

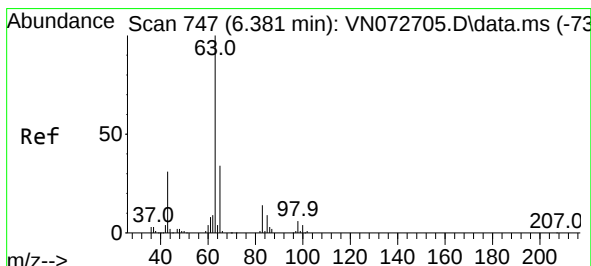
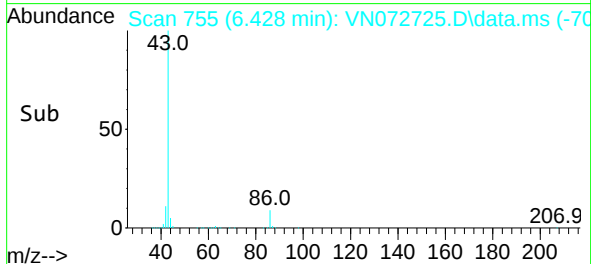
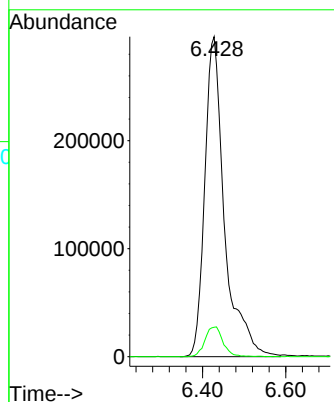
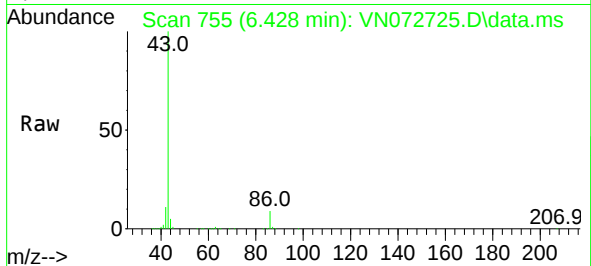




#23  
 Vinyl Acetate  
 Concen: 106.460 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

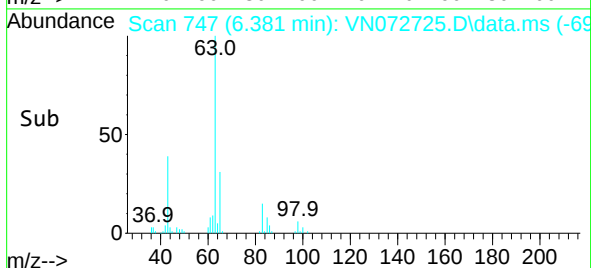
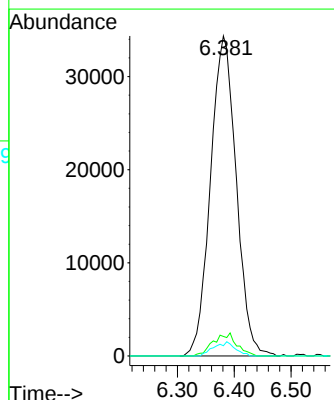
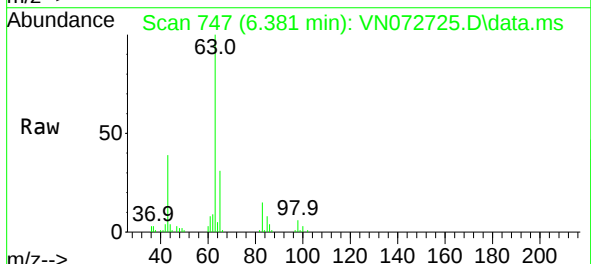
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

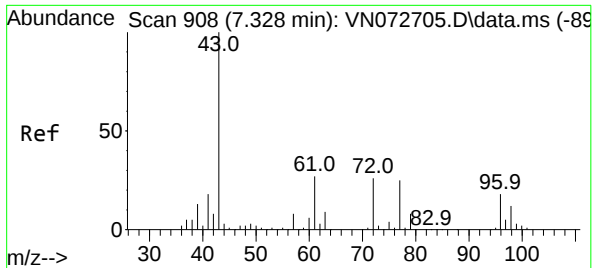
Tgt Ion: 43 Resp: 977040  
 Ion Ratio Lower Upper  
 43 100  
 86 9.2 10.0 15.0#



#24  
 1,1-Dichloroethane  
 Concen: 20.777 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. -0.000 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

Tgt Ion: 63 Resp: 108150  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.5 10.4  
 100 3.2 2.3 6.8

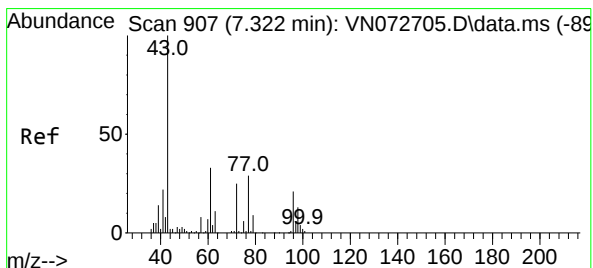
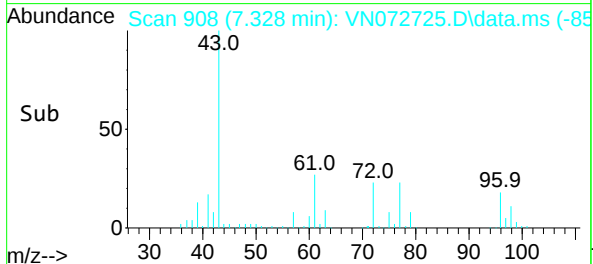
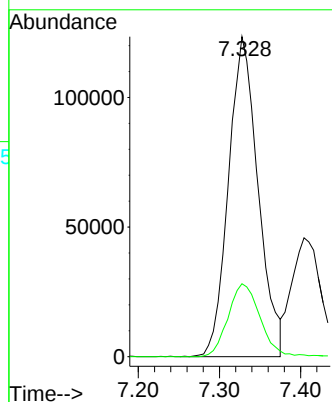
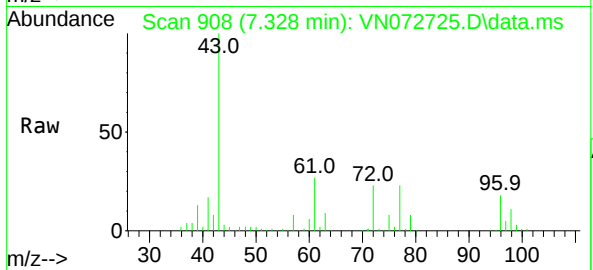




#25  
2-Butanone  
Concen: 101.947 ug/l  
RT: 7.328 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

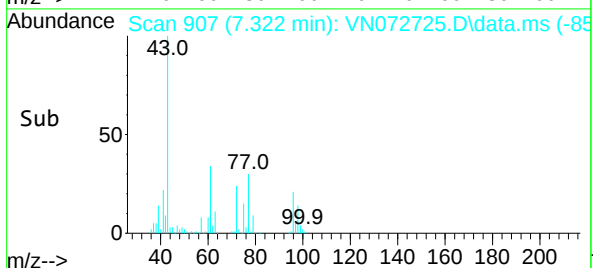
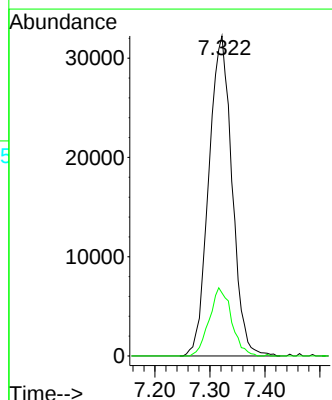
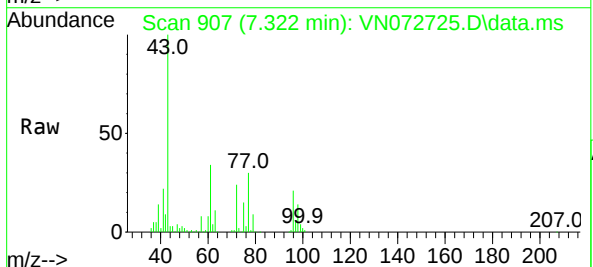
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

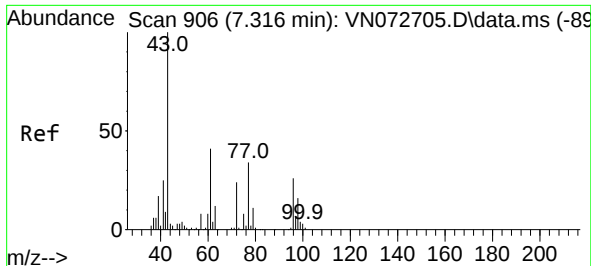
Tgt Ion: 43 Resp: 313129  
Ion Ratio Lower Upper  
43 100  
72 22.8 23.7 35.5#



#26  
2,2-Dichloropropane  
Concen: 20.152 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

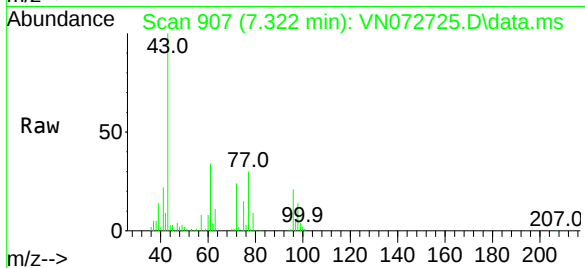
Tgt Ion: 77 Resp: 94848  
Ion Ratio Lower Upper  
77 100  
97 20.4 11.4 34.2



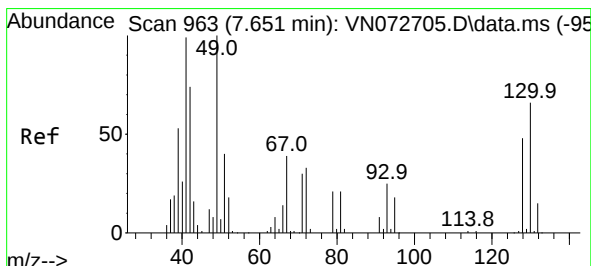
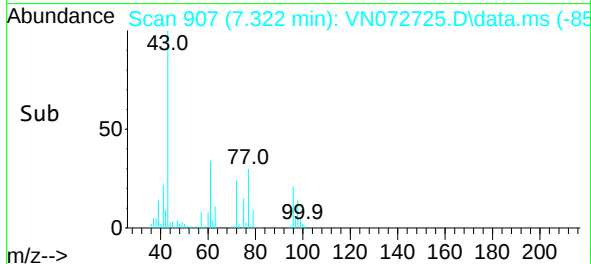
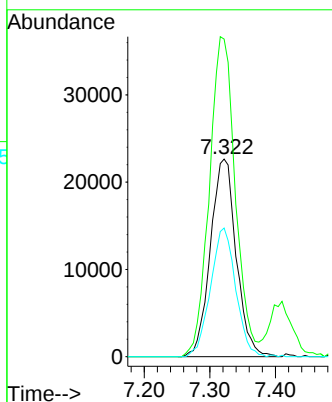


#27  
 cis-1,2-Dichloroethene  
 Concen: 20.622 ug/l  
 RT: 7.322 min Scan# 906  
 Delta R.T. 0.006 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

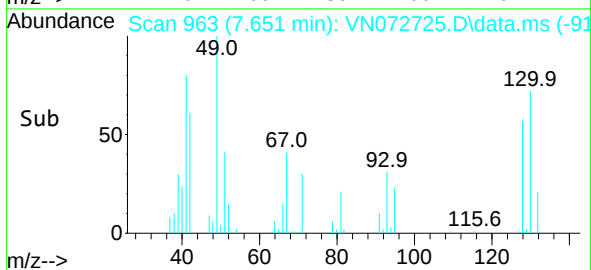
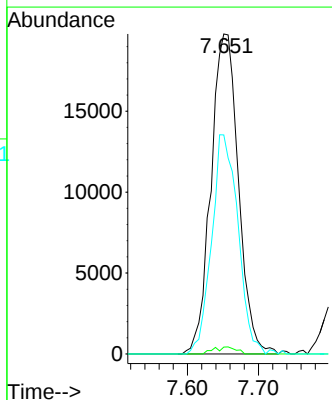
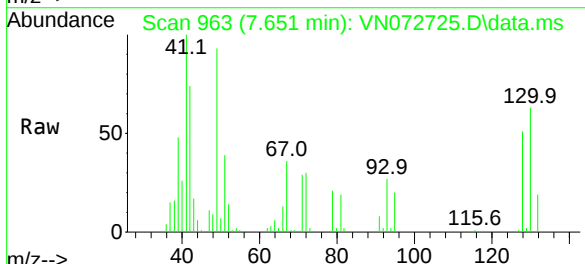


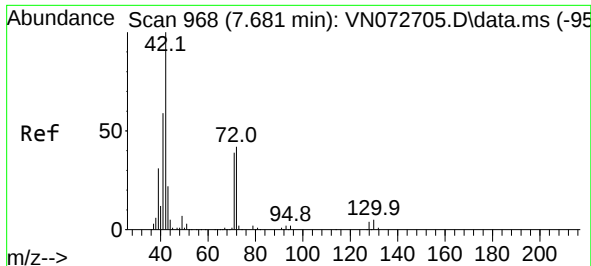
Tgt Ion: 96 Resp: 61874  
 Ion Ratio Lower Upper  
 96 100  
 61 162.7 0.0 280.6  
 98 63.5 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 21.596 ug/l  
 RT: 7.651 min Scan# 963  
 Delta R.T. 0.000 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

Tgt Ion: 49 Resp: 53095  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 4.6  
 130 65.9 69.7 104.5#





#29

Tetrahydrofuran

Concen: 101.584 ug/l

RT: 7.675 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

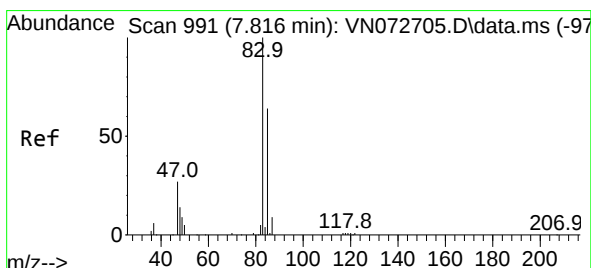
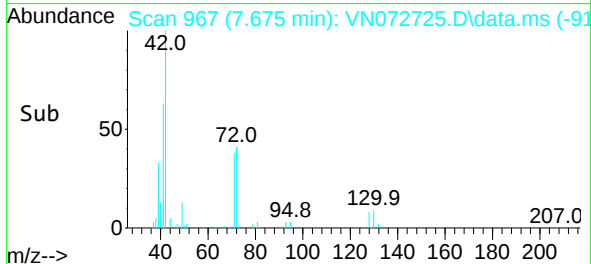
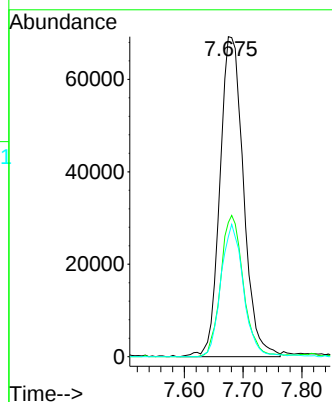
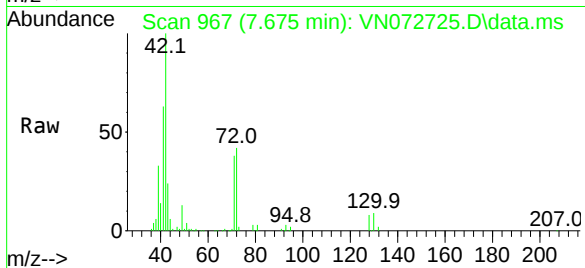
Tgt Ion: 42 Resp: 192799

Ion Ratio Lower Upper

42 100

72 42.7 39.7 59.5

71 39.4 36.6 55.0



#30

Chloroform

Concen: 20.718 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.006 min

Lab File: VN072725.D

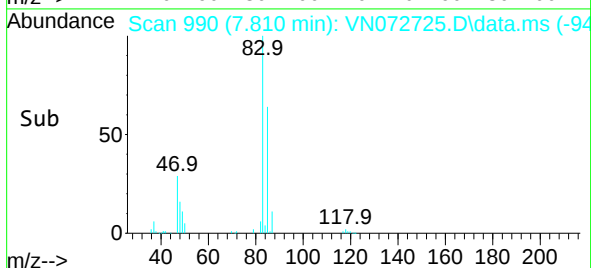
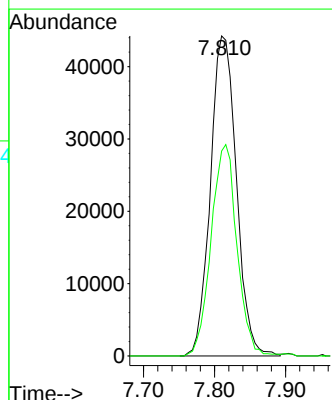
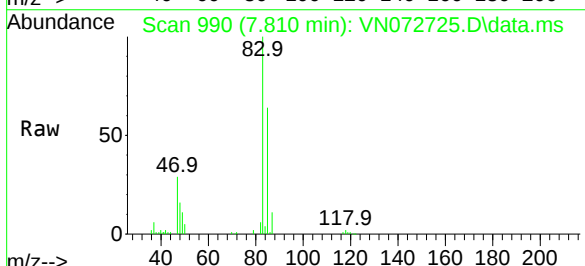
Acq: 09 Jun 2022 13:01

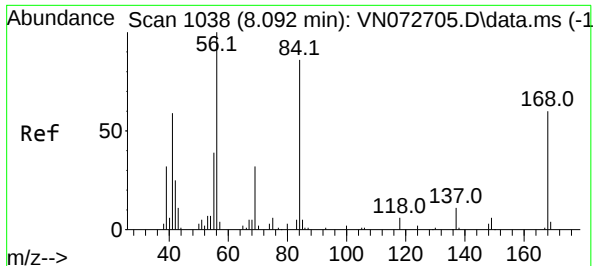
Tgt Ion: 83 Resp: 112422

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.8





#31

Cyclohexane

Concen: 20.330 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

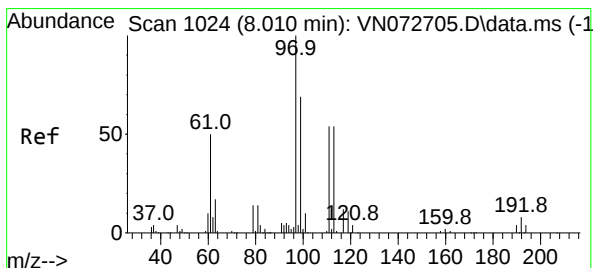
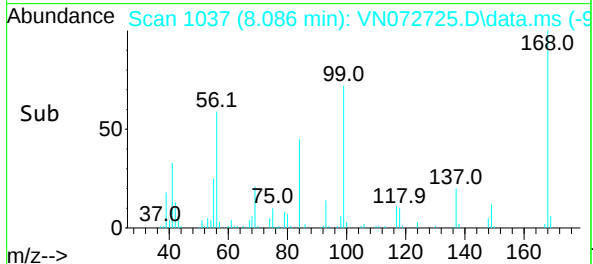
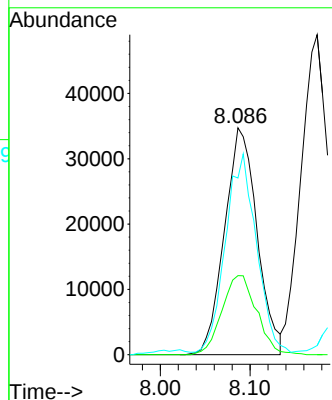
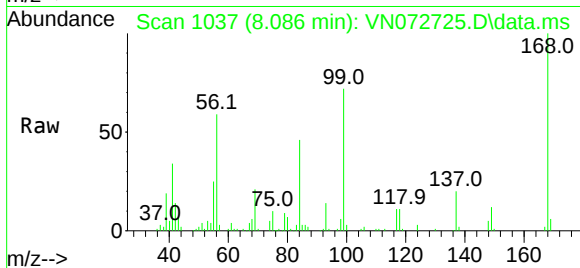
Tgt Ion: 56 Resp: 87548

Ion Ratio Lower Upper

56 100

69 34.9 27.8 41.8

84 75.7 76.9 115.3#



#32

1,1,1-Trichloroethane

Concen: 19.587 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

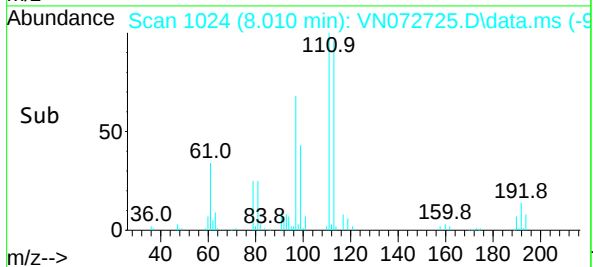
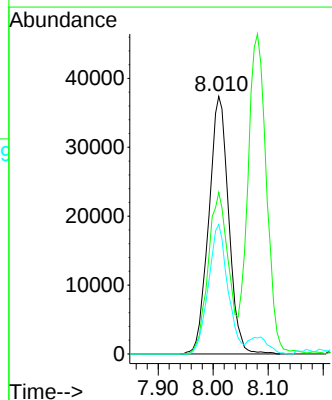
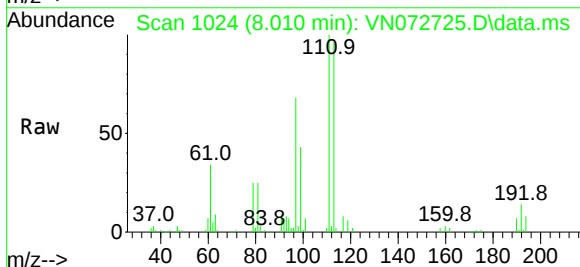
Tgt Ion: 97 Resp: 93923

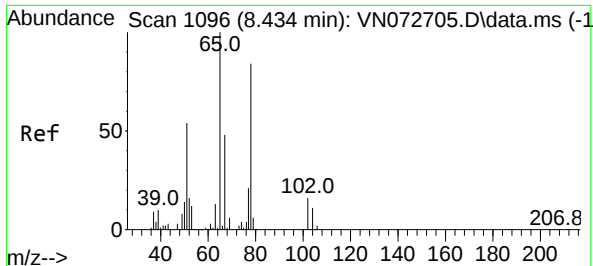
Ion Ratio Lower Upper

97 100

99 64.6 50.6 76.0

61 49.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 52.572 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

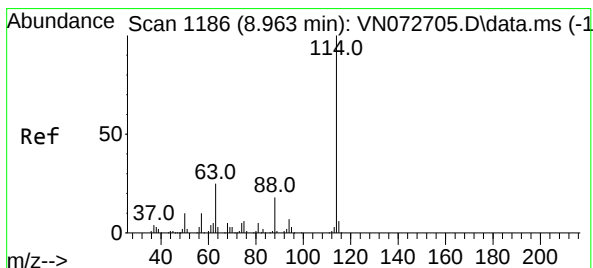
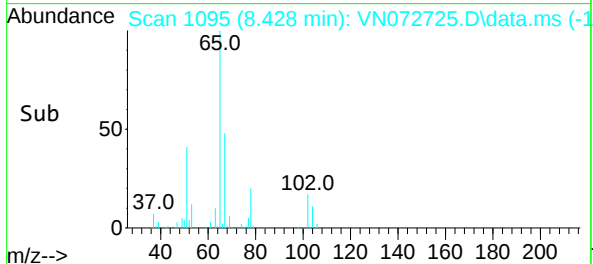
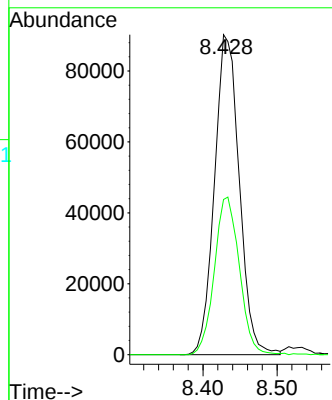
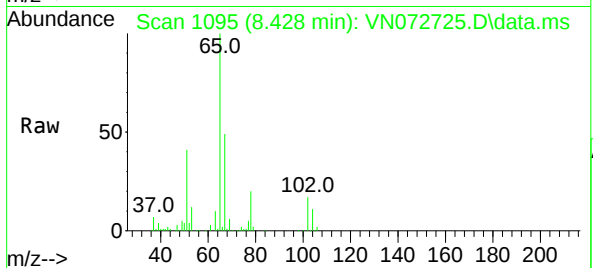
VN0609WBSD01

Tgt Ion: 65 Resp: 209486

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

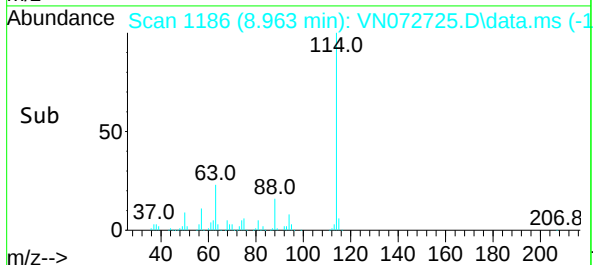
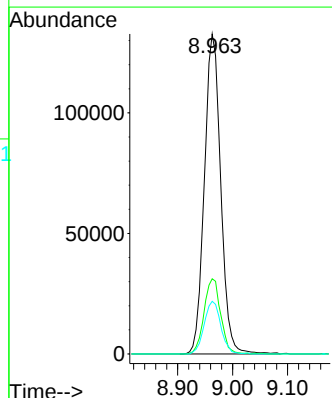
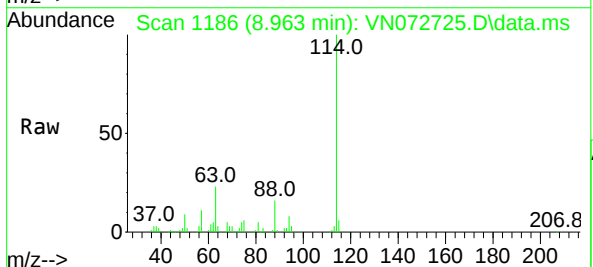
Tgt Ion: 114 Resp: 274397

Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.0

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.323 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

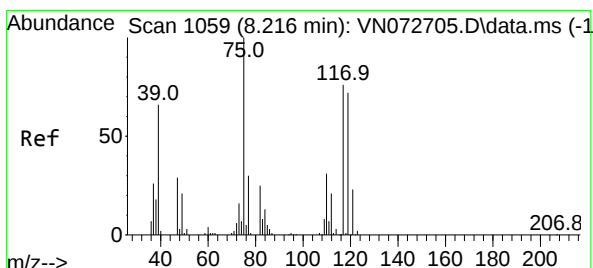
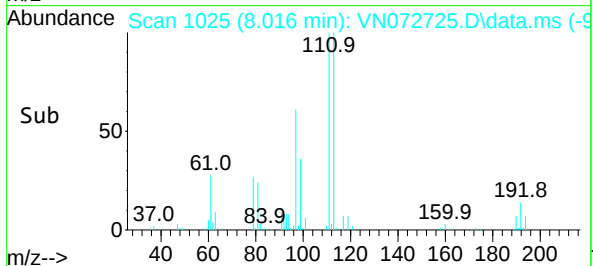
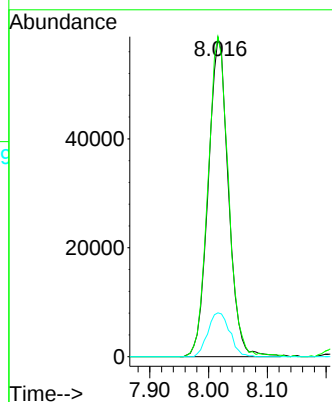
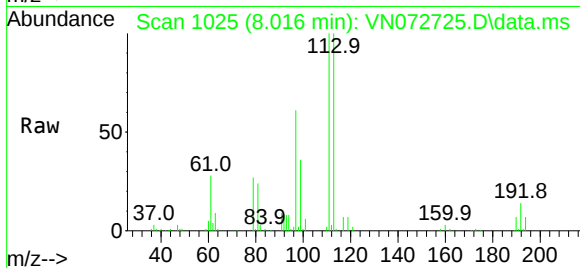
Tgt Ion:113 Resp: 139347

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 14.9 17.0 25.6#



#36

1,1-Dichloropropene

Concen: 19.275 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

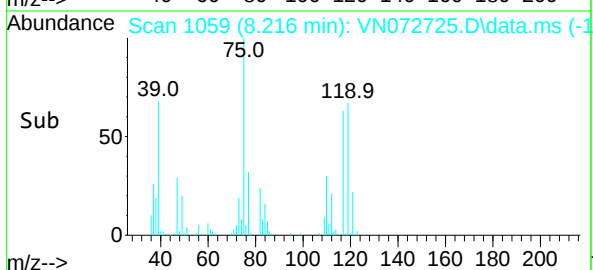
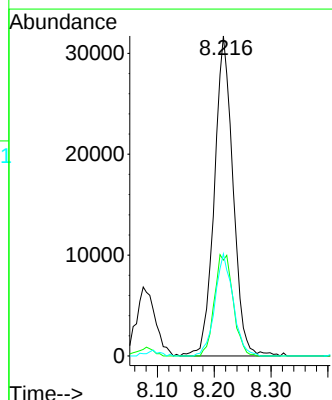
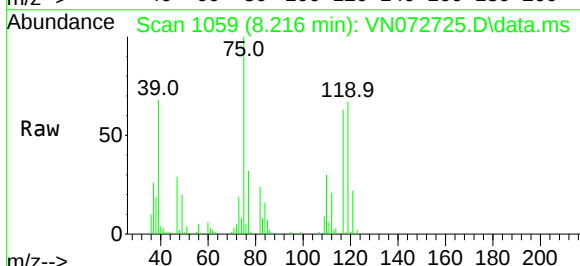
Tgt Ion: 75 Resp: 72643

Ion Ratio Lower Upper

75 100

110 31.6 18.3 54.8

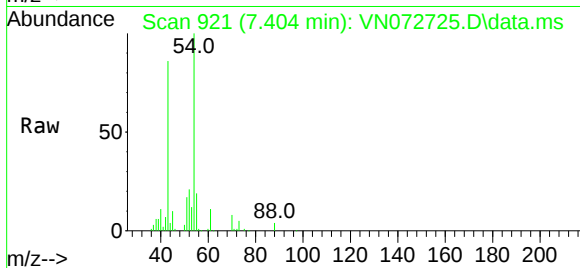
77 31.0 25.1 37.7



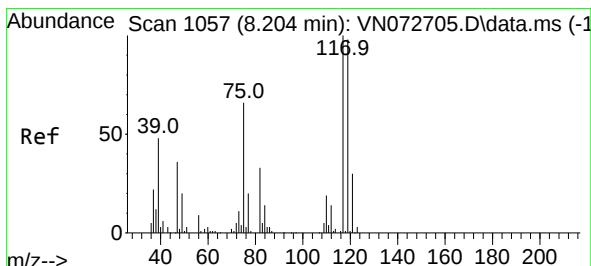
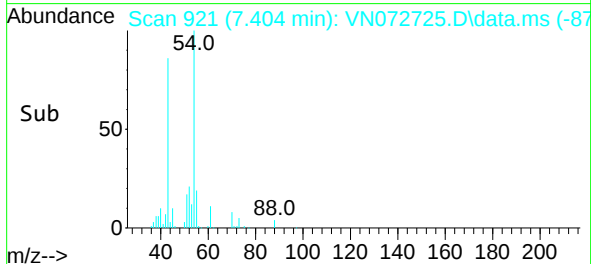
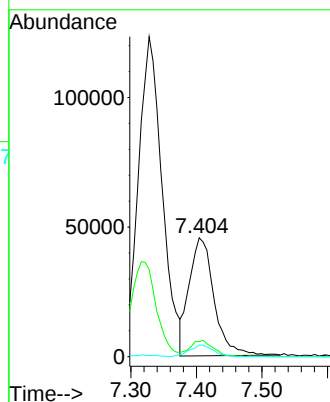


#37  
Ethyl Acetate  
Concen: 20.541 ug/l  
RT: 7.404 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

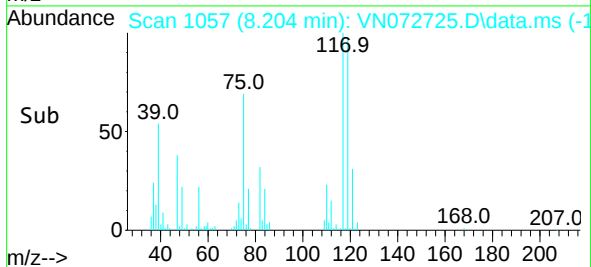
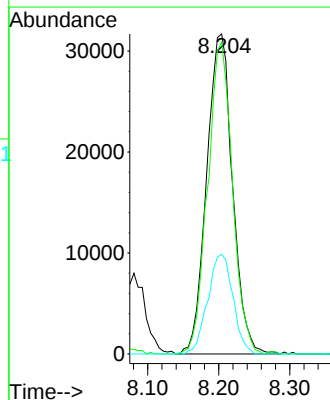
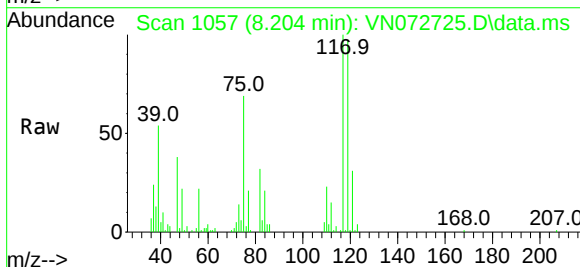


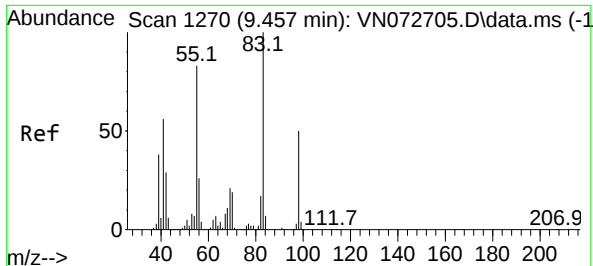
Tgt Ion: 43 Resp: 120273  
Ion Ratio Lower Upper  
43 100  
61 13.0 11.8 17.6  
70 9.3 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 19.918 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 117 Resp: 80220  
Ion Ratio Lower Upper  
117 100  
119 97.3 75.8 113.8  
121 31.1 24.6 37.0





#39

Methylcyclohexane

Concen: 18.689 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

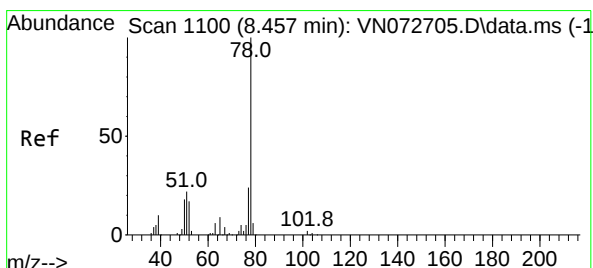
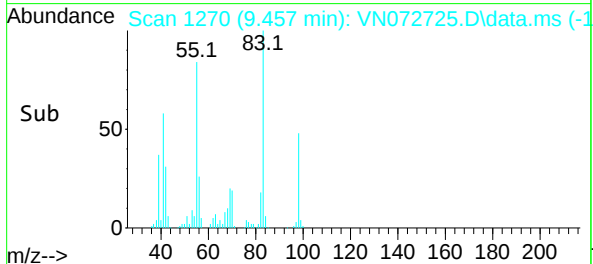
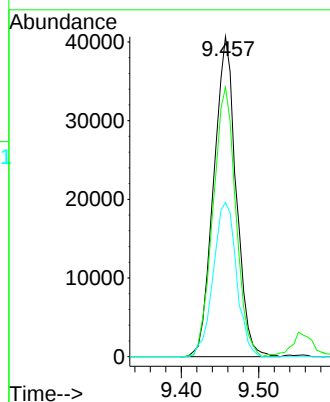
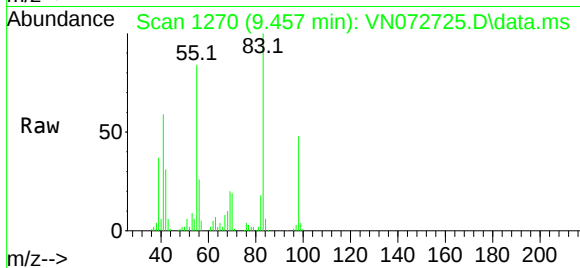
Tgt Ion: 83 Resp: 81736

Ion Ratio Lower Upper

83 100

55 84.2 57.8 86.8

98 48.2 39.4 59.2



#40

Benzene

Concen: 20.273 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072725.D

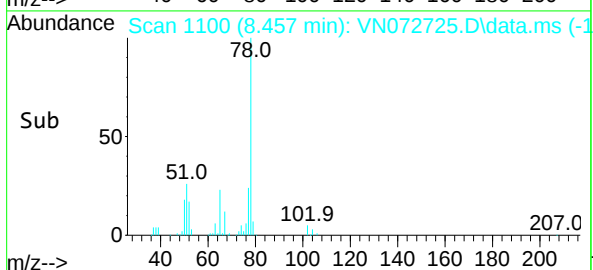
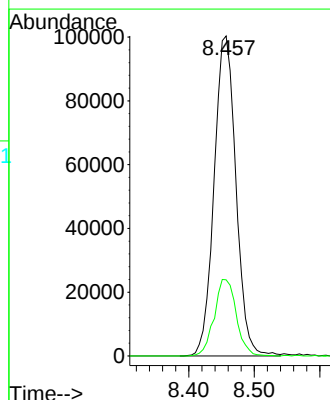
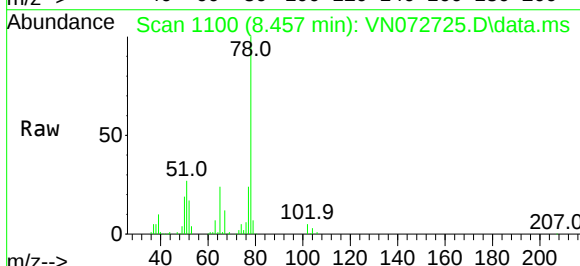
Acq: 09 Jun 2022 13:01

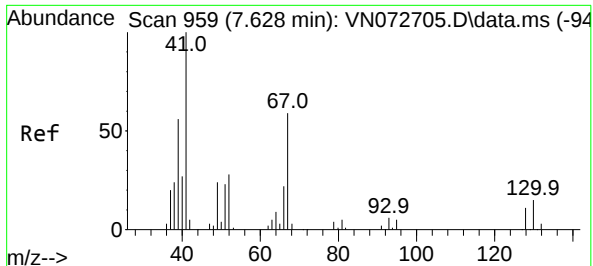
Tgt Ion: 78 Resp: 231851

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

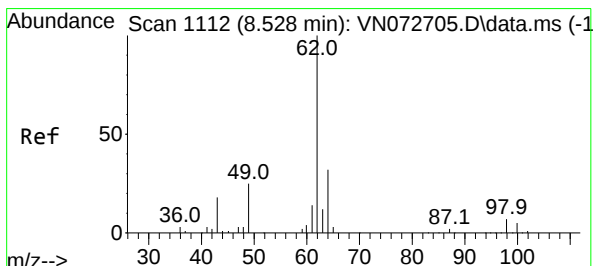
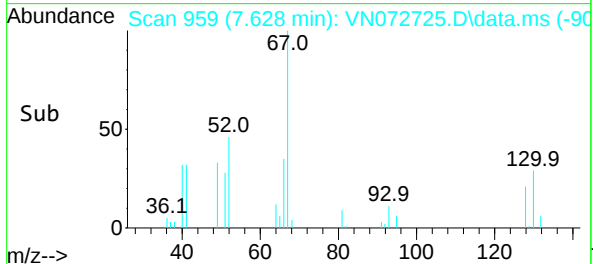
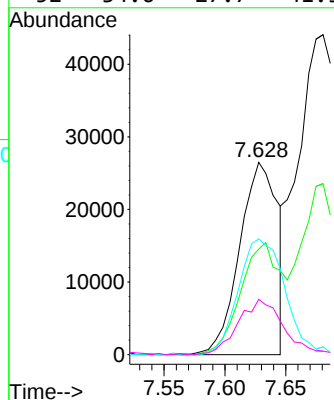
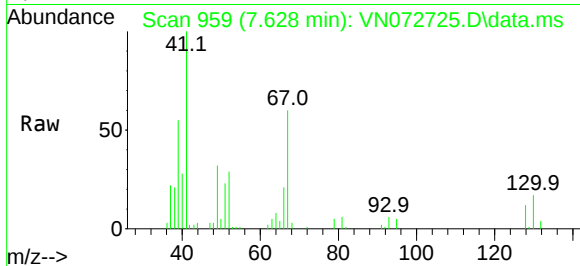




#41  
Methacrylonitrile  
Concen: 29.194 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

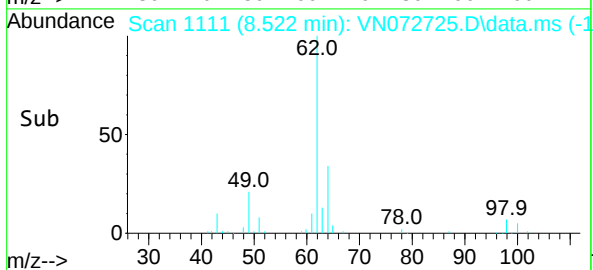
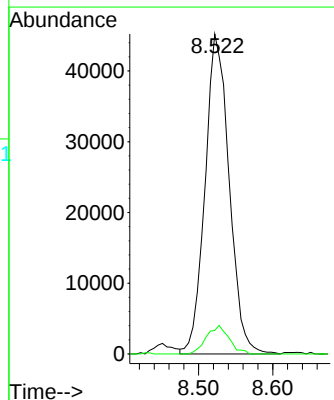
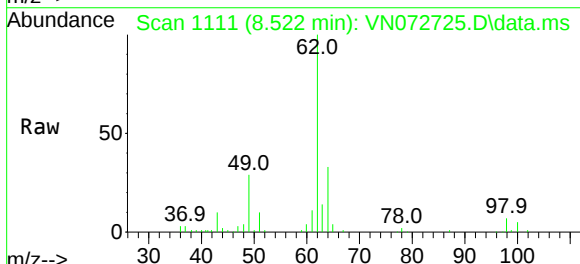
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

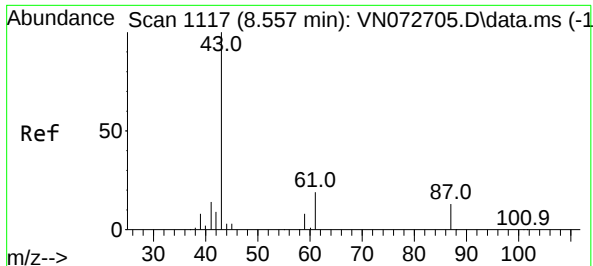
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 57620 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 63.3  | 48.6  | 73.0  |
| 67       | 74.1  | 73.4  | 110.2 |
| 52       | 34.6  | 27.7  | 41.5  |



#42  
1,2-Dichloroethane  
Concen: 21.559 ug/l  
RT: 8.522 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 102226 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.3   | 0.0   | 19.4   |

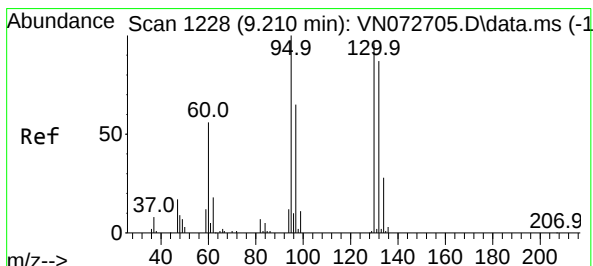
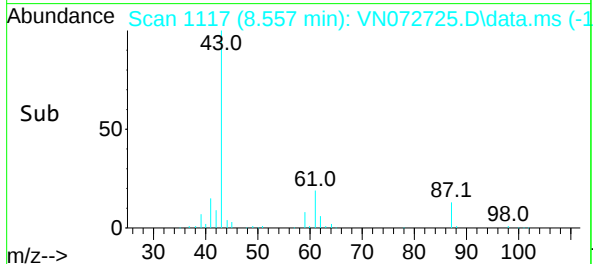
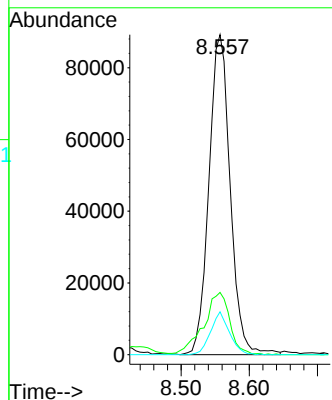
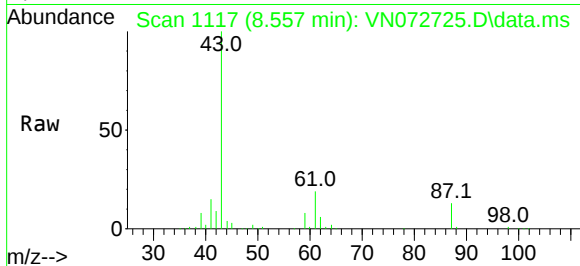




#43  
Isopropyl Acetate  
Concen: 21.286 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

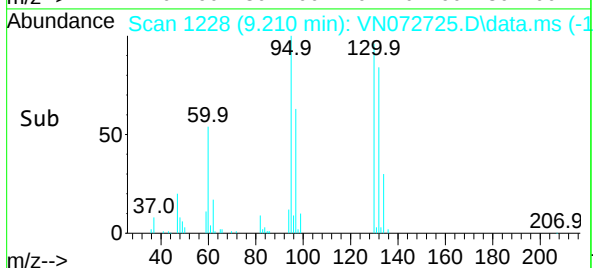
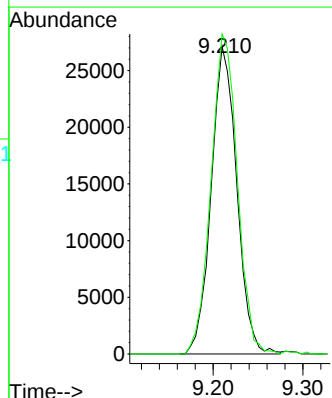
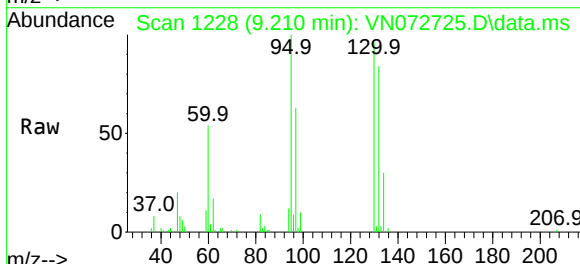
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

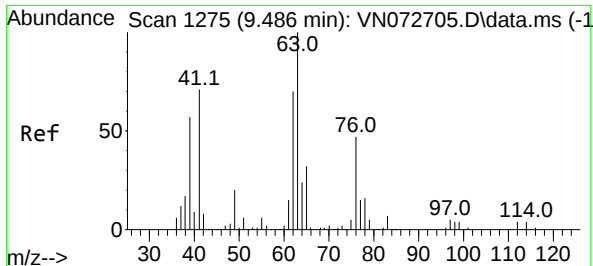
Tgt Ion: 43 Resp: 194103  
Ion Ratio Lower Upper  
43 100  
61 24.1 21.9 32.9  
87 11.9 12.0 18.0#



#44  
Trichloroethene  
Concen: 20.142 ug/l  
RT: 9.210 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion:130 Resp: 53629  
Ion Ratio Lower Upper  
130 100  
95 104.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 20.923 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

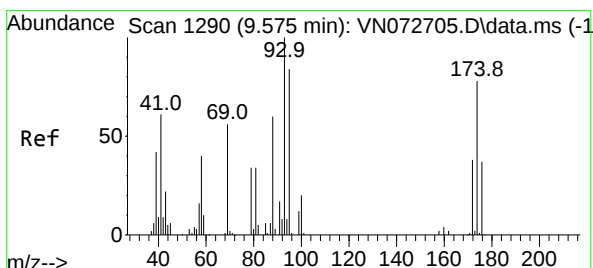
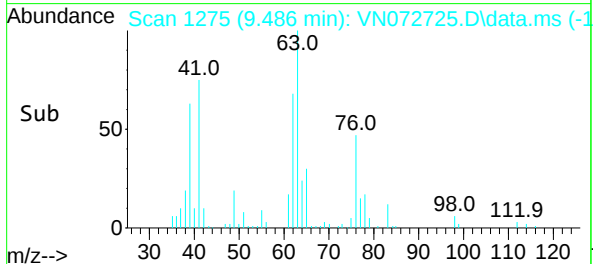
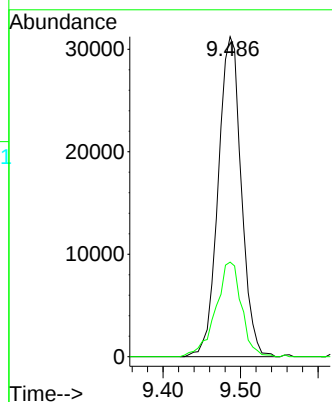
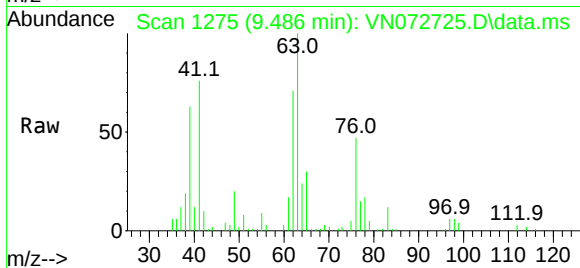
VN0609WBSD01

Tgt Ion: 63 Resp: 64660

Ion Ratio Lower Upper

63 100

65 29.5 24.9 37.3



#46

Dibromomethane

Concen: 20.656 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

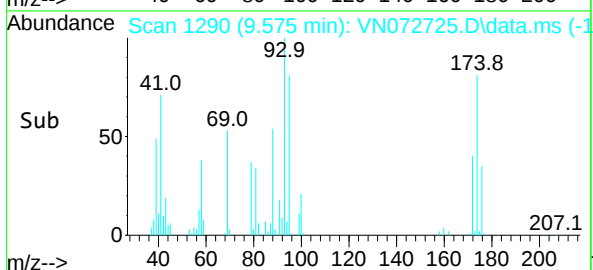
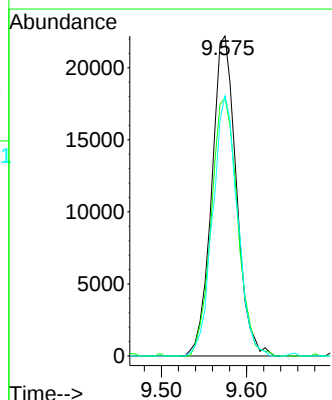
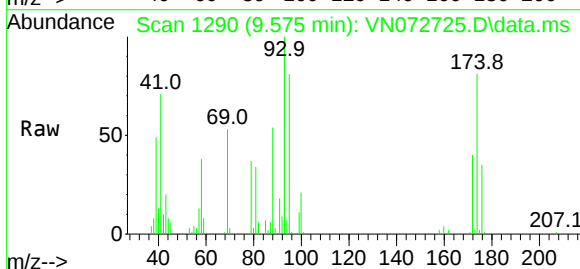
Tgt Ion: 93 Resp: 44625

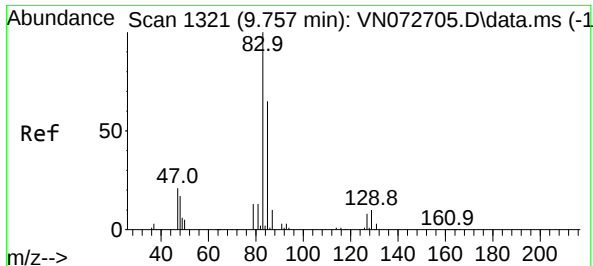
Ion Ratio Lower Upper

93 100

95 85.6 66.9 100.3

174 81.7 86.6 130.0#

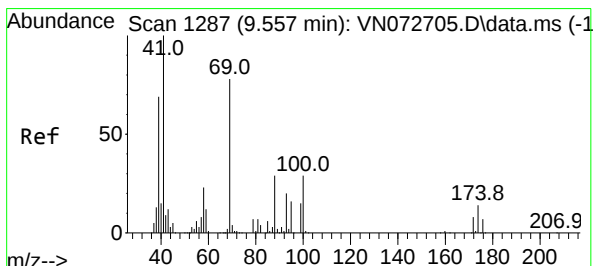
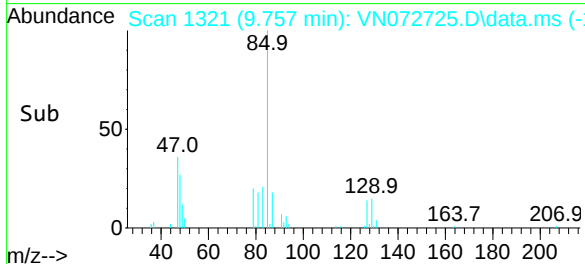
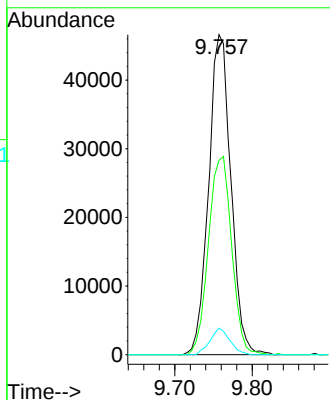
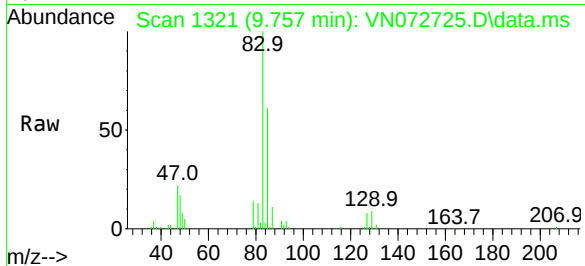




#47  
Bromodichloromethane  
Concen: 20.958 ug/l  
RT: 9.757 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

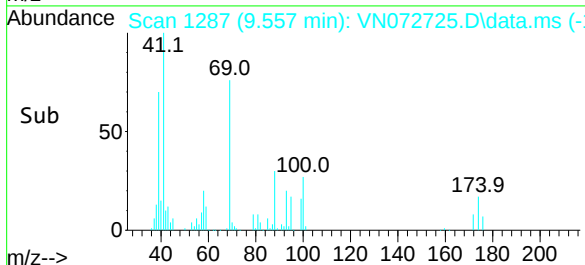
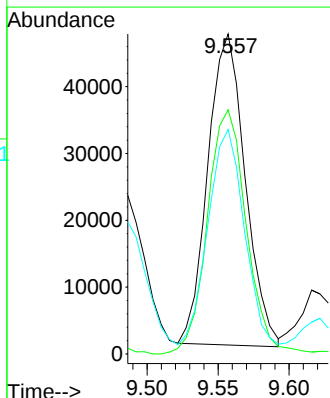
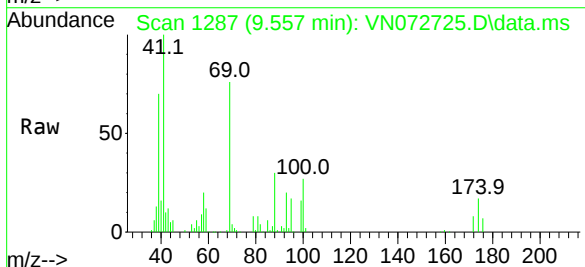
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

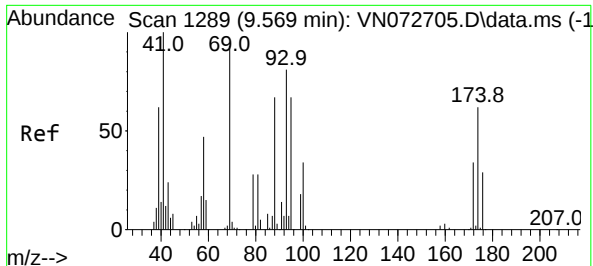
Tgt Ion: 83 Resp: 93077  
Ion Ratio Lower Upper  
83 100  
85 60.8 50.5 75.7  
127 8.3 6.8 10.2



#48  
Methyl methacrylate  
Concen: 19.726 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 41 Resp: 85105  
Ion Ratio Lower Upper  
41 100  
69 81.9 74.7 112.1  
39 72.4 45.6 68.4





#49

1,4-Dioxane

Concen: 439.688 ug/l

RT: 9.563 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN072725.D

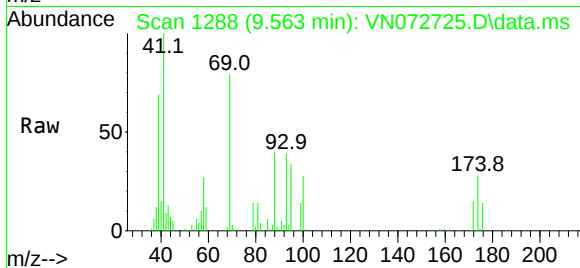
Acq: 09 Jun 2022 13:01

Instrument :

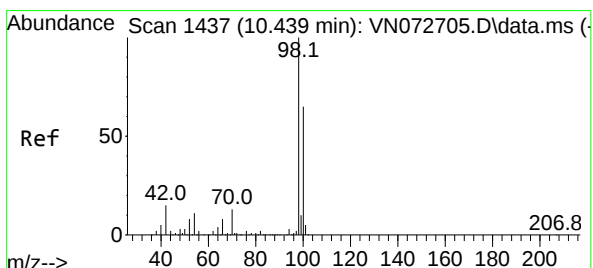
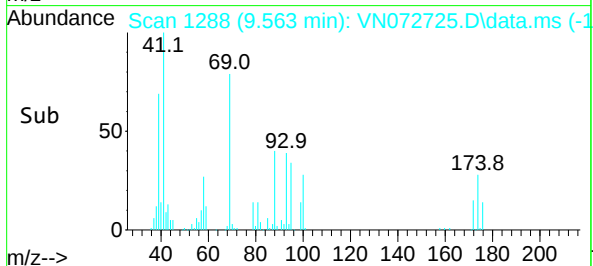
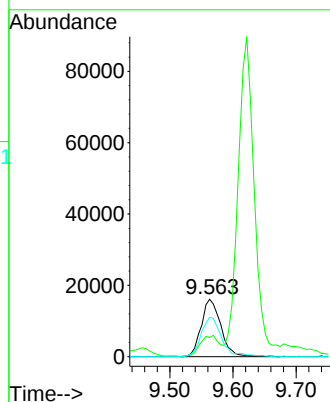
MSVOA\_N

ClientSampleId :

VN0609WBSD01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 34675 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 38.1  | 20.2  | 30.4  |
| 58       | 72.1  | 54.2  | 81.4  |



#50

Toluene-d8

Concen: 50.591 ug/l

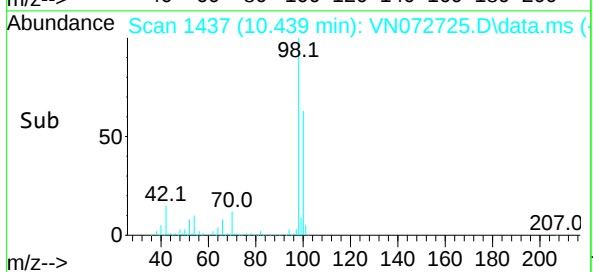
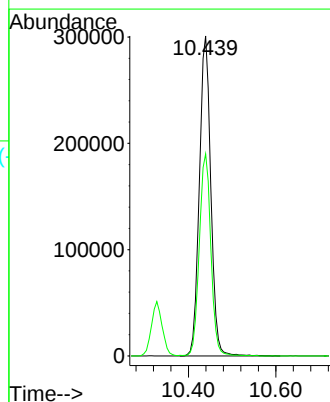
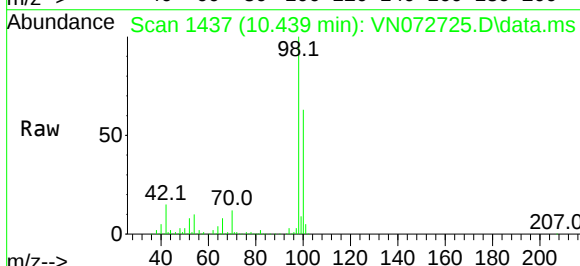
RT: 10.439 min Scan# 1437

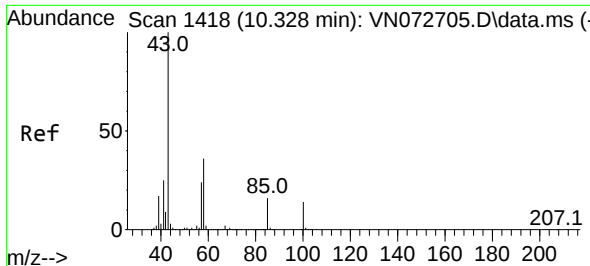
Delta R.T. 0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 548043 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.1  | 52.6  | 78.8   |

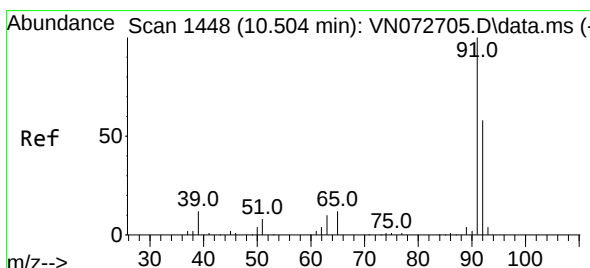
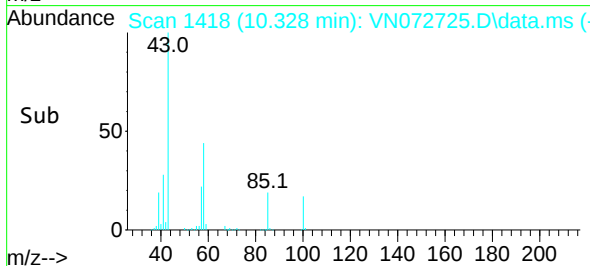
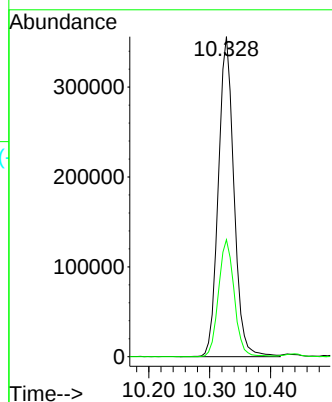
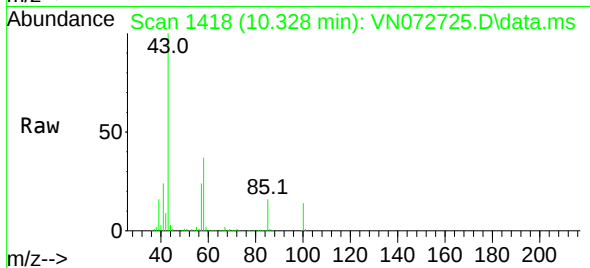




#51  
4-Methyl-2-Pentanone  
Concen: 106.568 ug/l  
RT: 10.328 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

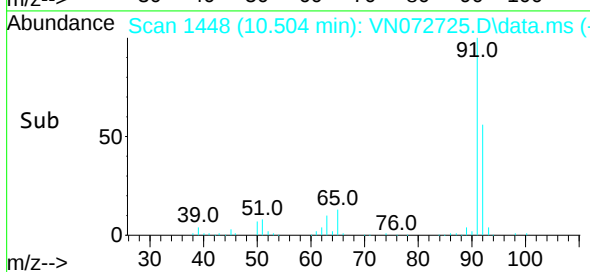
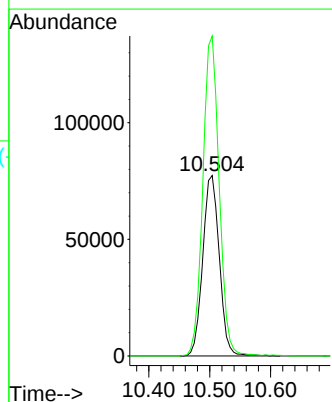
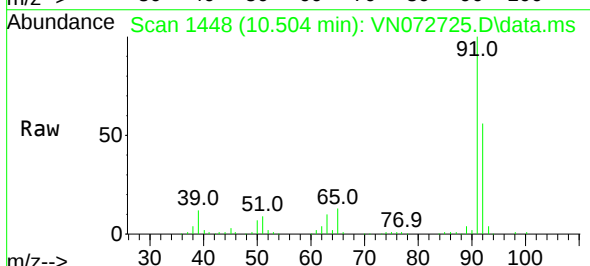
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

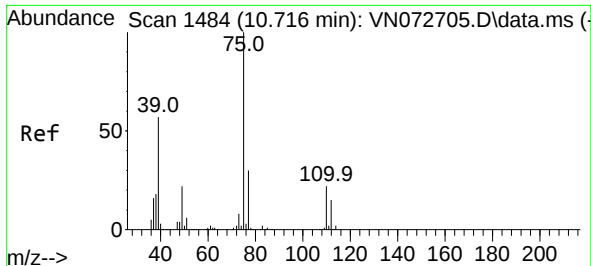
Tgt Ion: 43 Resp: 632853  
Ion Ratio Lower Upper  
43 100  
58 36.8 34.1 51.1



#52  
Toluene  
Concen: 20.471 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 92 Resp: 146175  
Ion Ratio Lower Upper  
92 100  
91 175.0 138.6 207.8

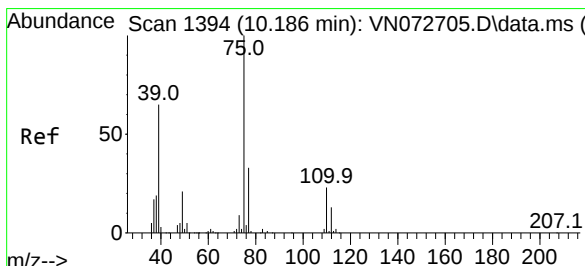
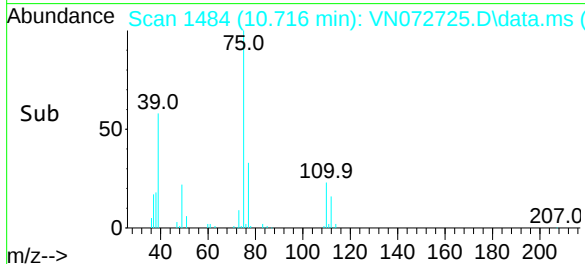
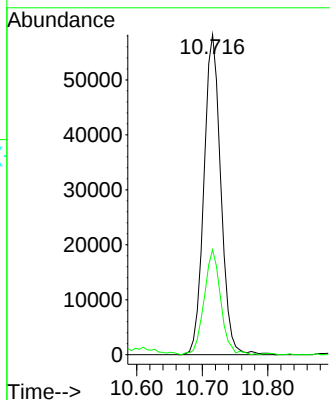
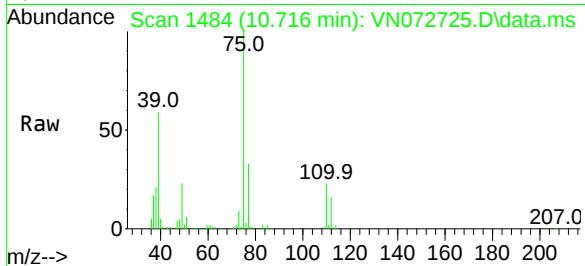




#53  
t-1,3-Dichloropropene  
Concen: 21.134 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

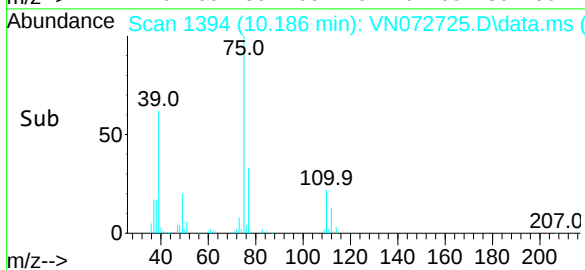
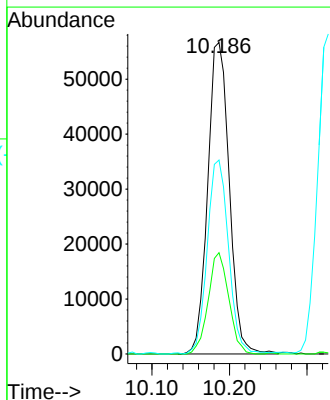
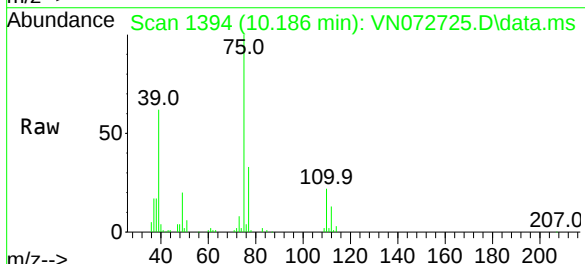
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

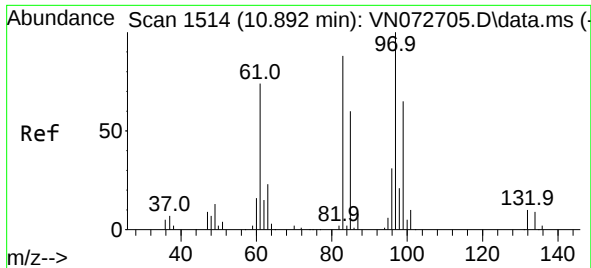
Tgt Ion: 75 Resp: 104264  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 21.488 ug/l  
RT: 10.186 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 75 Resp: 109535  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.2 37.8  
39 61.9 35.7 53.5#

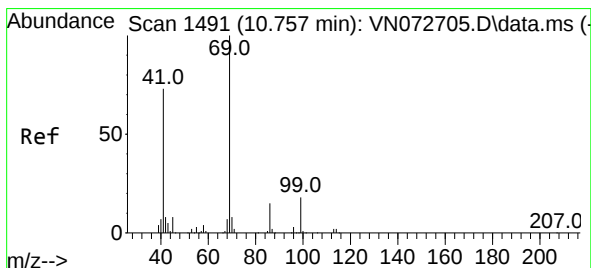
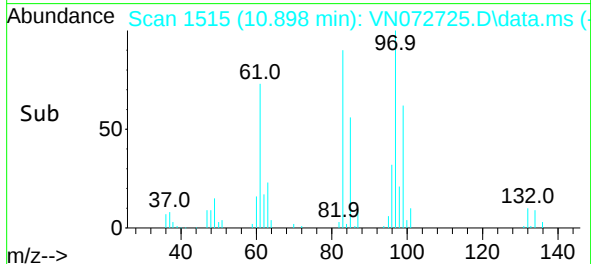
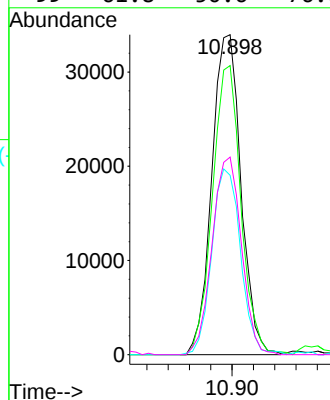
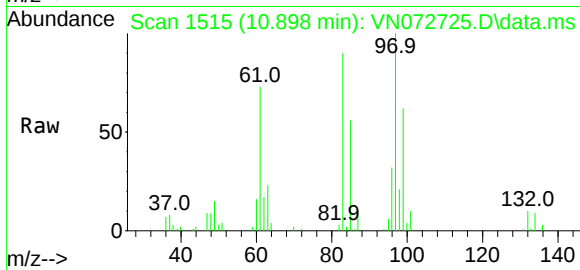




#55  
1,1,2-Trichloroethane  
Concen: 20.933 ug/l  
RT: 10.898 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

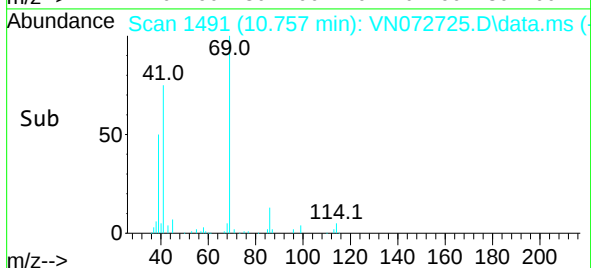
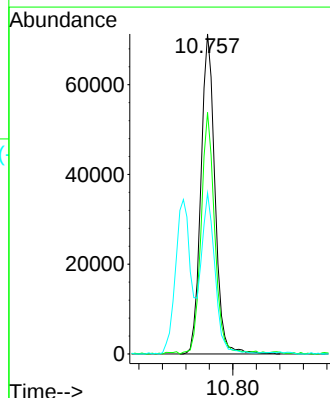
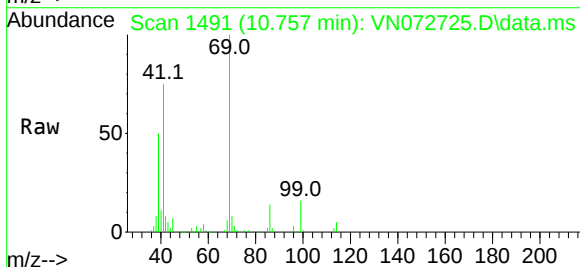
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

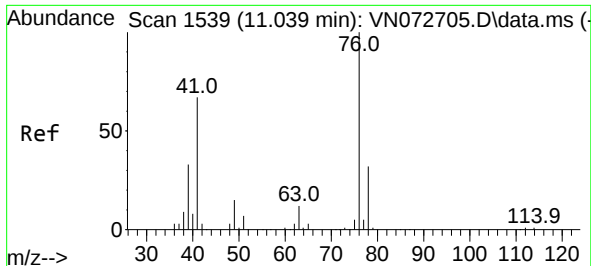
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 64504 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.3  | 66.2  | 99.4  |
| 85       | 56.0  | 43.9  | 65.9  |
| 99       | 61.8  | 50.6  | 76.0  |



#56  
Ethyl methacrylate  
Concen: 21.649 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 117985 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 73.2  | 47.8  | 71.6#  |
| 39       | 46.3  | 27.3  | 40.9#  |





#57

1,3-Dichloropropane

Concen: 21.226 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

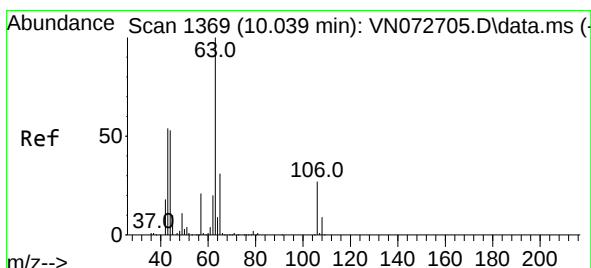
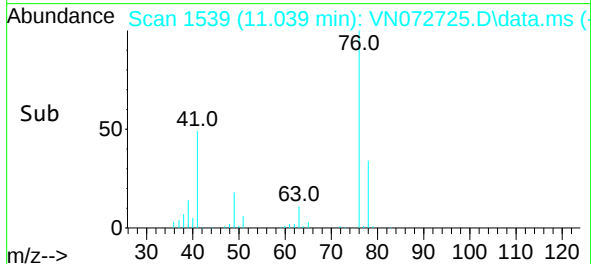
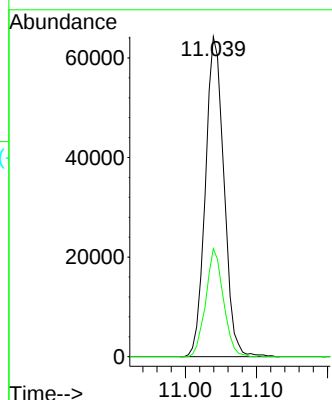
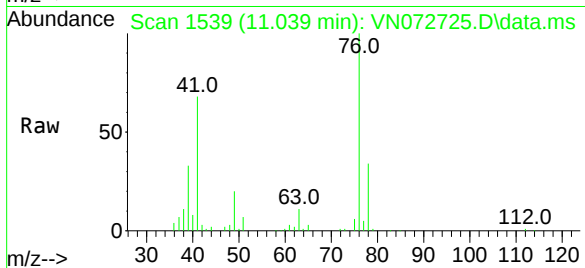
VN0609WBSD01

Tgt Ion: 76 Resp: 116795

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 109.803 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072725.D

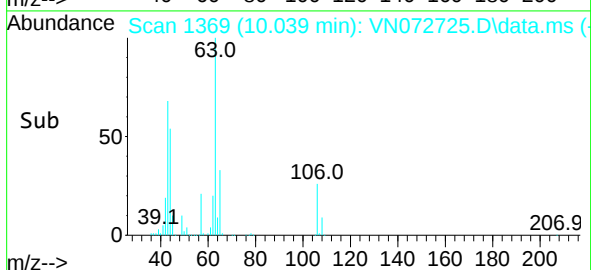
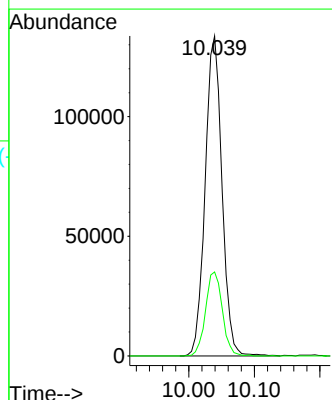
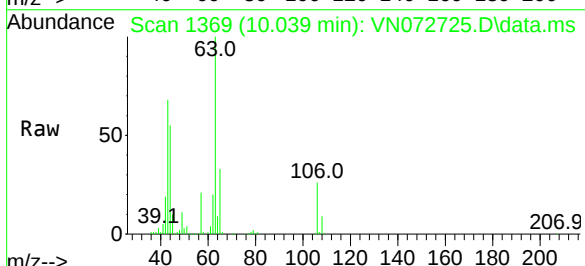
Acq: 09 Jun 2022 13:01

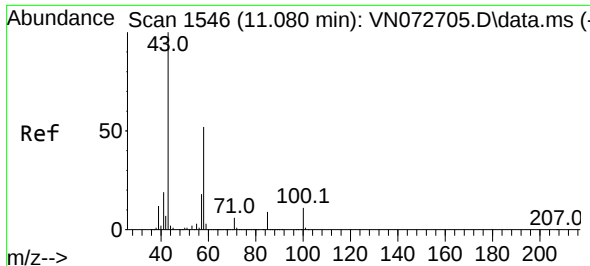
Tgt Ion: 63 Resp: 238496

Ion Ratio Lower Upper

63 100

106 26.3 24.6 36.8

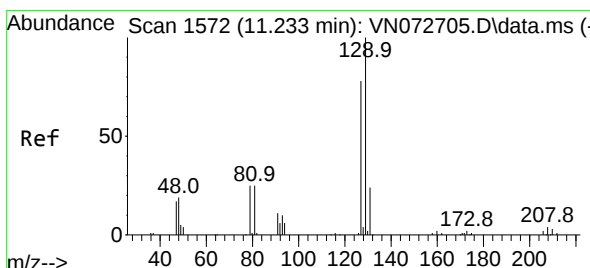
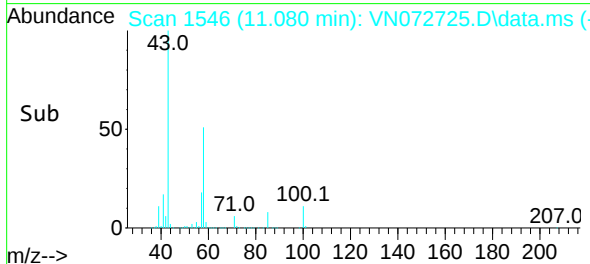
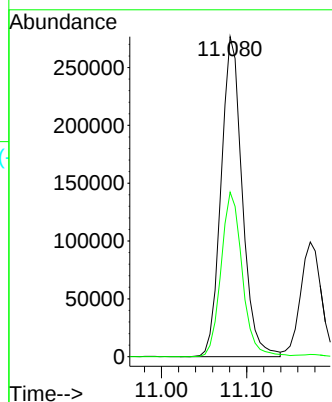
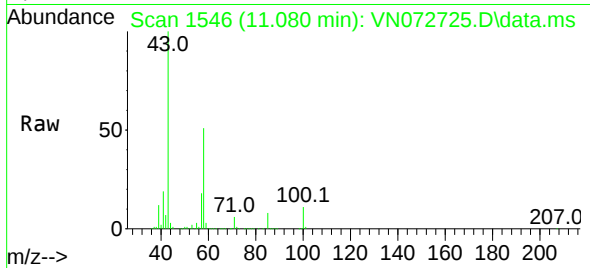




#59  
2-Hexanone  
Concen: 109.344 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

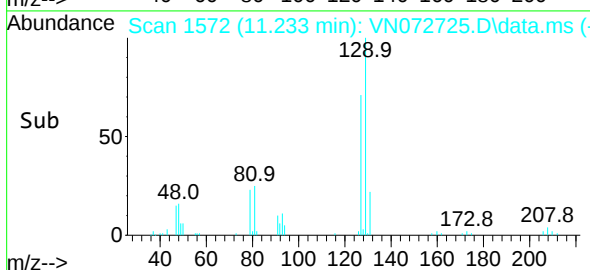
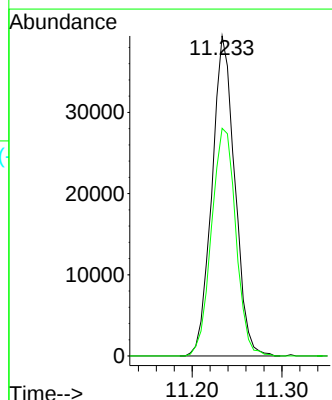
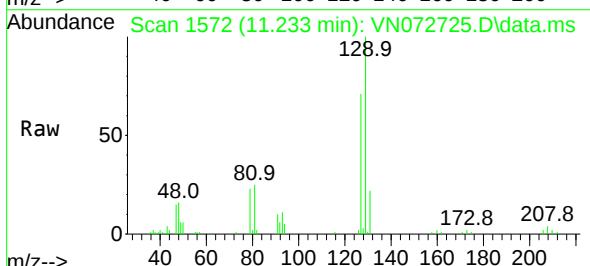
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

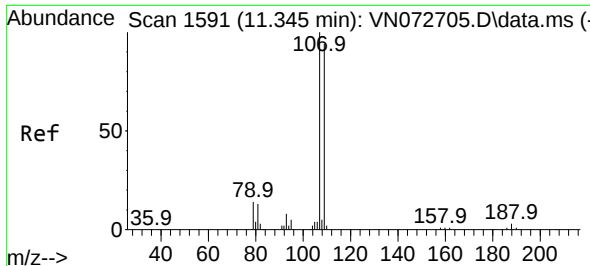
Tgt Ion: 43 Resp: 477482  
Ion Ratio Lower Upper  
43 100  
58 51.6 29.7 89.1



#60  
Dibromochloromethane  
Concen: 21.838 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 129 Resp: 69843  
Ion Ratio Lower Upper  
129 100  
127 75.5 38.8 116.4

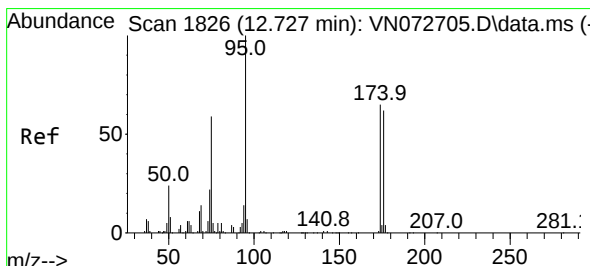
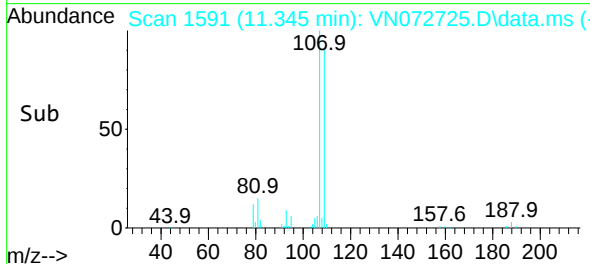
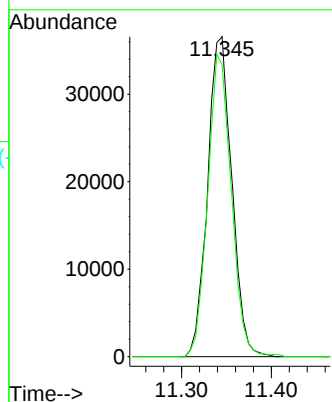
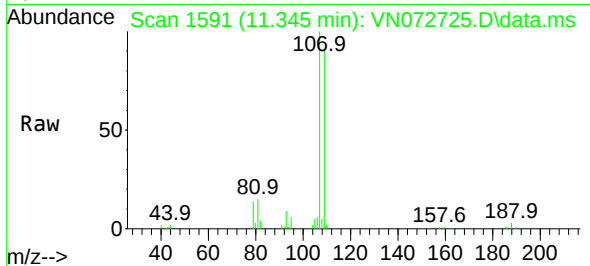




#61  
1,2-Dibromoethane  
Concen: 21.675 ug/l  
RT: 11.345 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

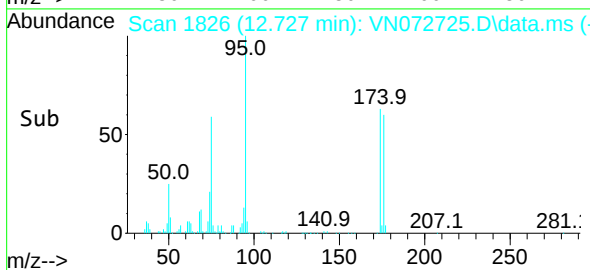
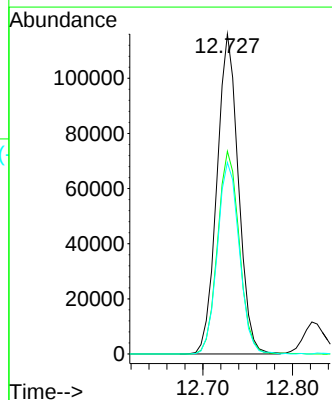
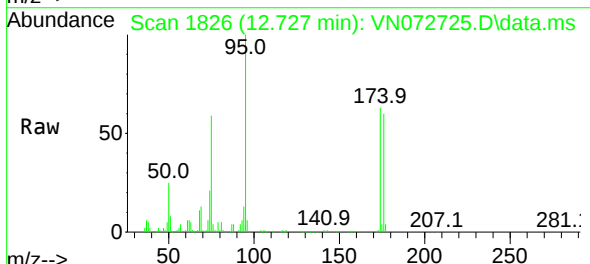
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

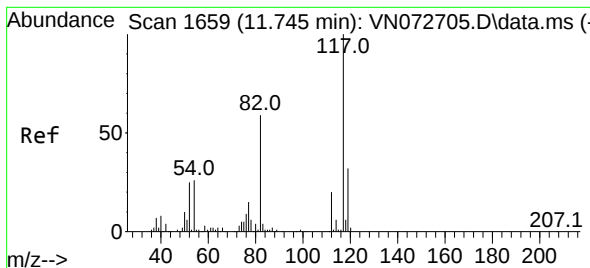
Tgt Ion:107 Resp: 68450  
Ion Ratio Lower Upper  
107 100  
109 91.9 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 51.873 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

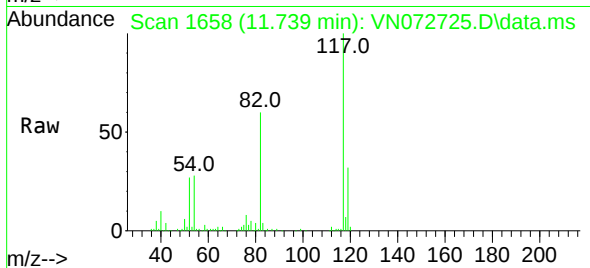
Tgt Ion: 95 Resp: 192823  
Ion Ratio Lower Upper  
95 100  
174 64.2 0.0 167.6  
176 61.1 0.0 163.4



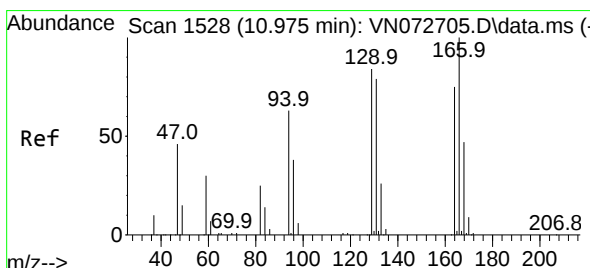
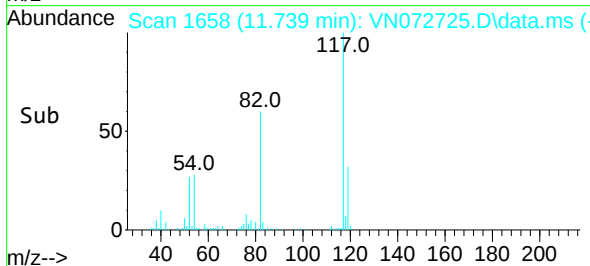
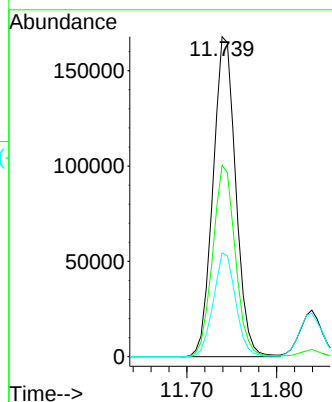


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

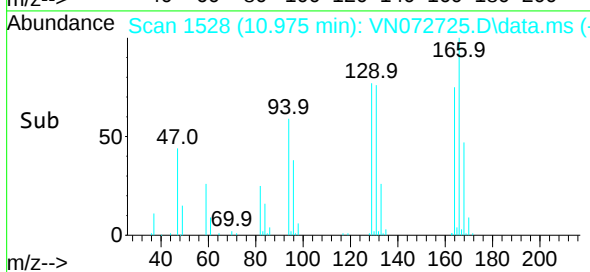
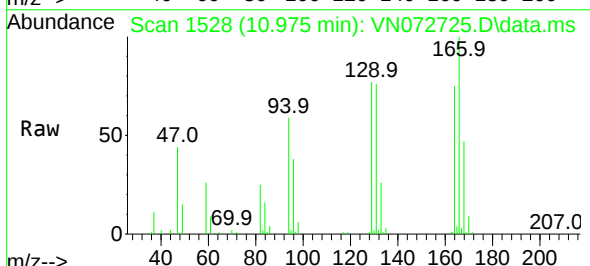
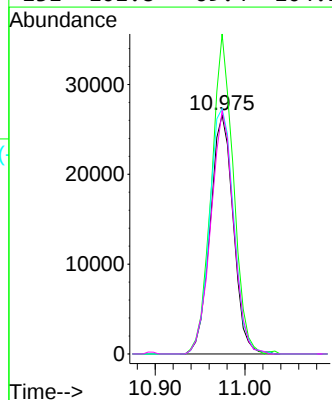


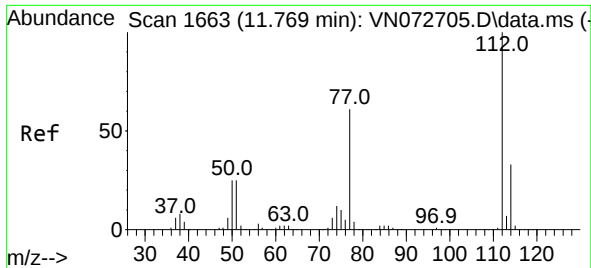
Tgt Ion:117 Resp: 295243  
Ion Ratio Lower Upper  
117 100  
82 59.9 44.2 66.2  
119 32.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 19.063 ug/l  
RT: 10.975 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion:164 Resp: 47385  
Ion Ratio Lower Upper  
164 100  
166 134.0 104.2 156.2  
129 102.8 73.9 110.9  
131 101.8 69.4 104.2

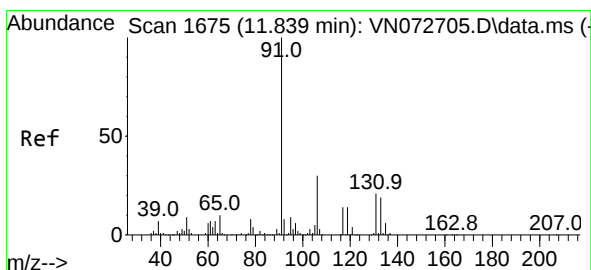
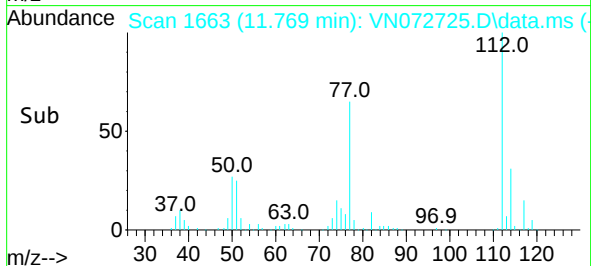
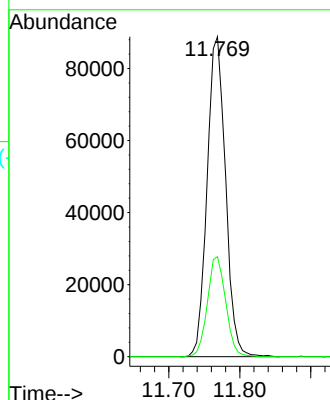
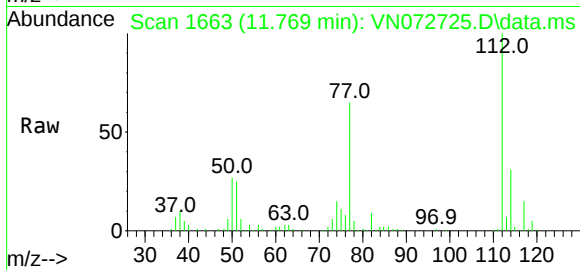




#65  
Chlorobenzene  
Concen: 20.334 ug/l  
RT: 11.769 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

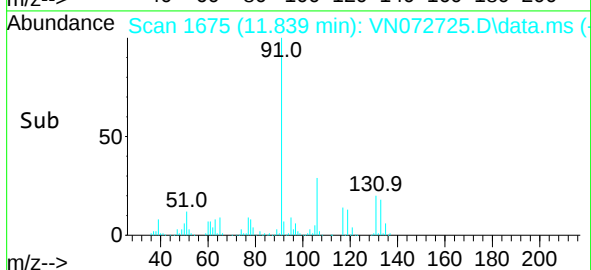
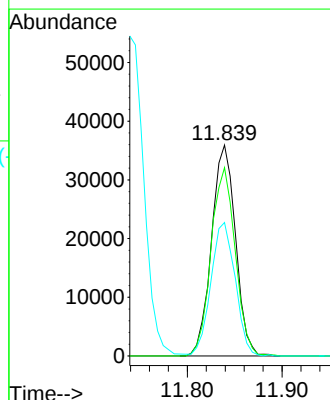
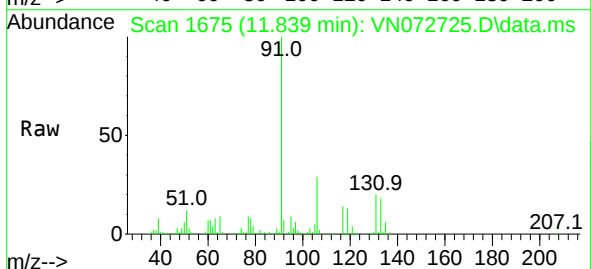
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

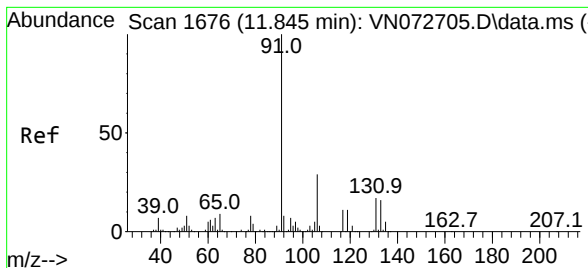
Tgt Ion:112 Resp: 159975  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.175 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion:131 Resp: 63140  
Ion Ratio Lower Upper  
131 100  
133 90.2 47.8 143.4  
119 64.3 33.4 100.2





#67

Ethyl Benzene

Concen: 19.820 ug/l

RT: 11.839 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

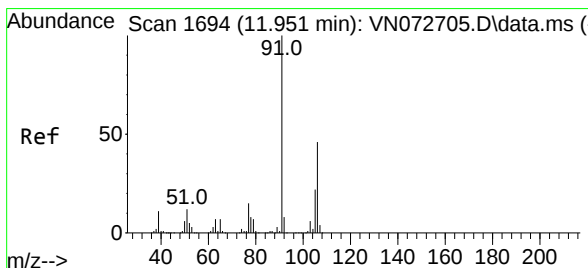
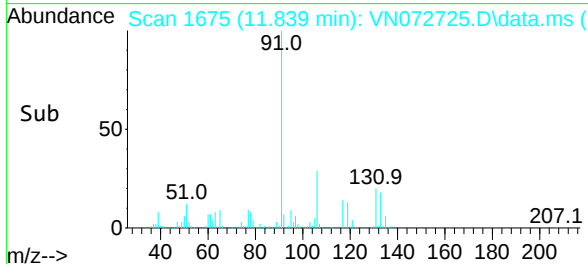
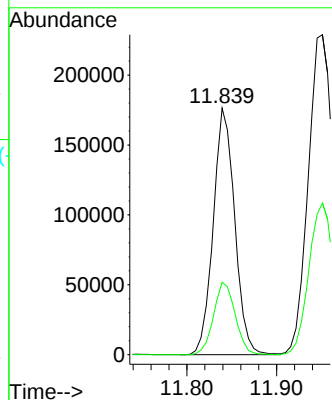
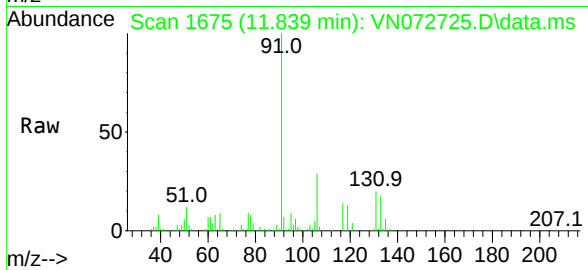
VN0609WBSD01

Tgt Ion: 91 Resp: 293200

Ion Ratio Lower Upper

91 100

106 29.4 24.9 37.3



#68

m/p-Xylenes

Concen: 40.224 ug/l

RT: 11.951 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VN072725.D

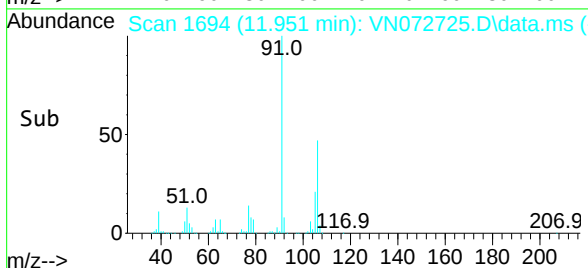
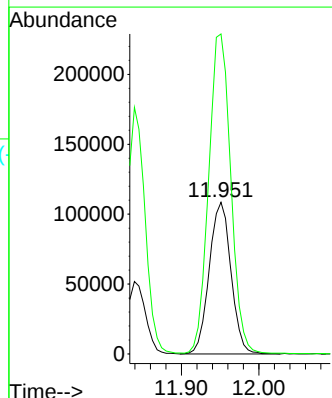
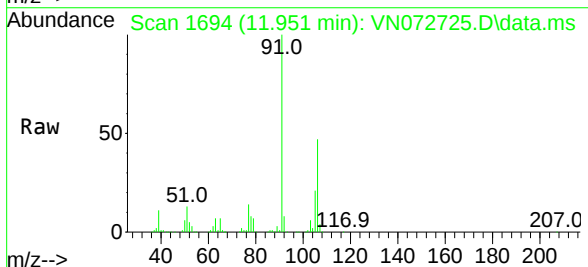
Acq: 09 Jun 2022 13:01

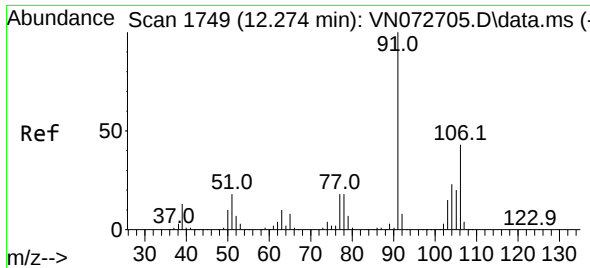
Tgt Ion:106 Resp: 211459

Ion Ratio Lower Upper

106 100

91 214.7 158.9 238.3

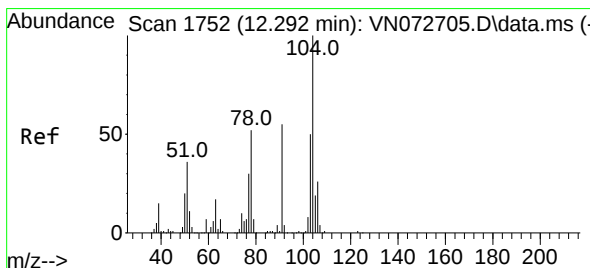
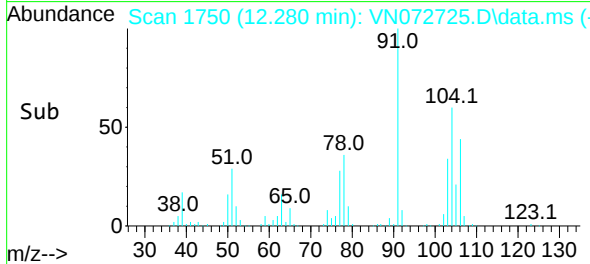
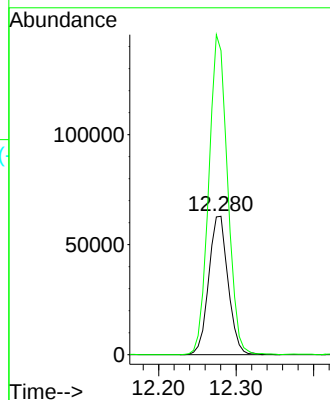
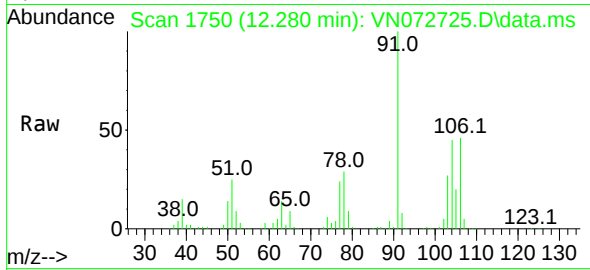




#69  
o-Xylene  
Concen: 20.618 ug/l  
RT: 12.280 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

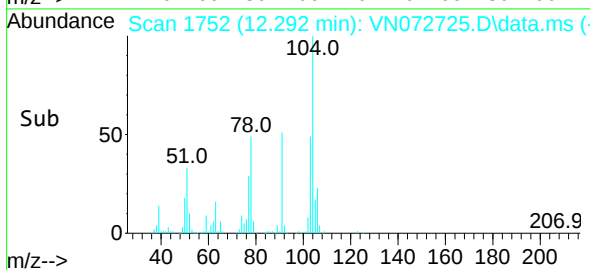
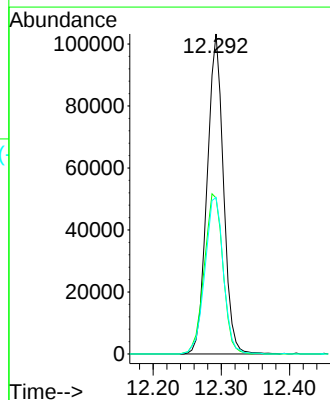
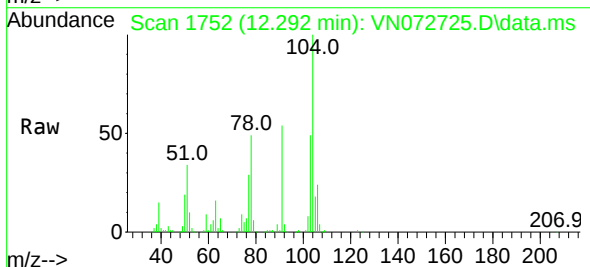
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

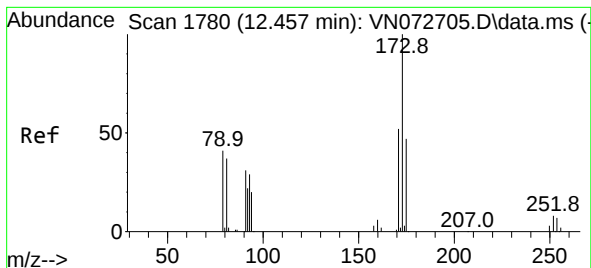
Tgt Ion:106 Resp: 108959  
Ion Ratio Lower Upper  
106 100  
91 225.0 106.0 318.0



#70  
Styrene  
Concen: 20.718 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion:104 Resp: 172074  
Ion Ratio Lower Upper  
104 100  
78 57.0 39.5 59.3  
103 55.3 44.0 66.0





#71

Bromoform

Concen: 21.218 ug/l

RT: 12.457 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

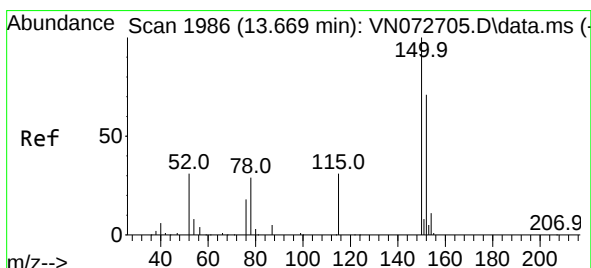
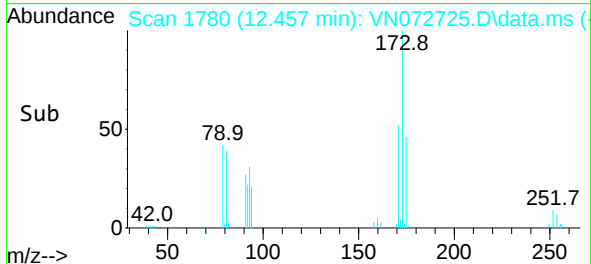
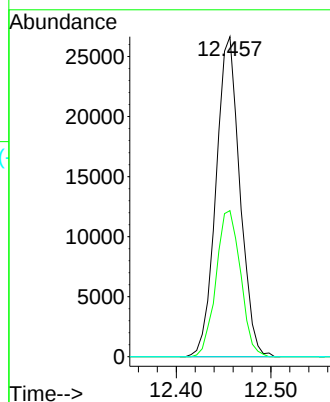
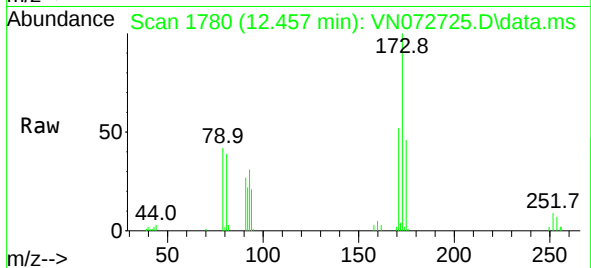
Tgt Ion:173 Resp: 46706

Ion Ratio Lower Upper

173 100

175 46.8 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

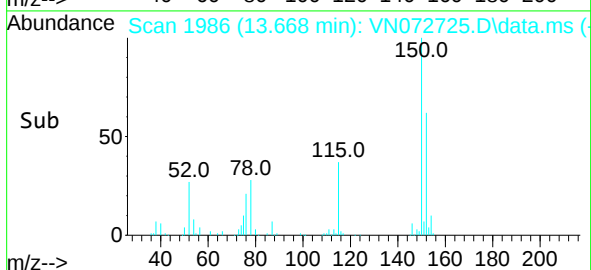
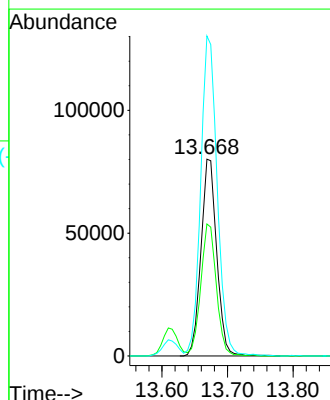
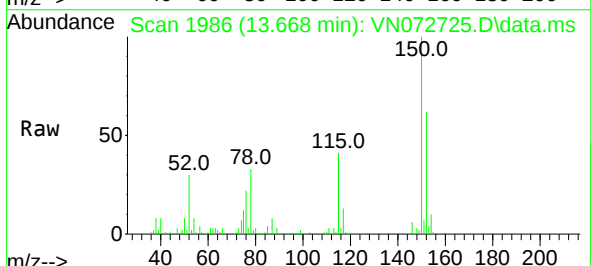
Tgt Ion:152 Resp: 134056

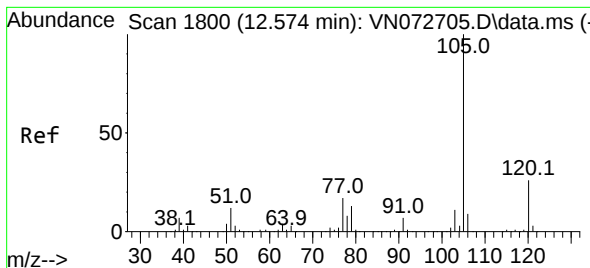
Ion Ratio Lower Upper

152 100

115 65.6 28.9 86.7

150 170.7 0.0 356.2





#73

Isopropylbenzene

Concen: 19.575 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

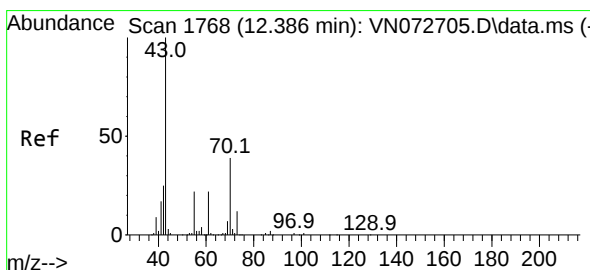
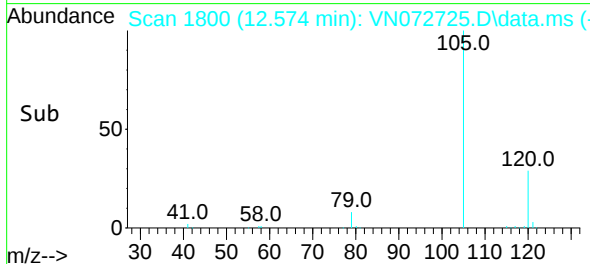
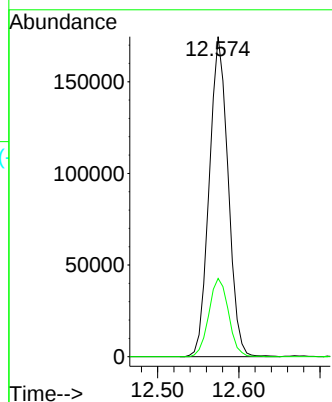
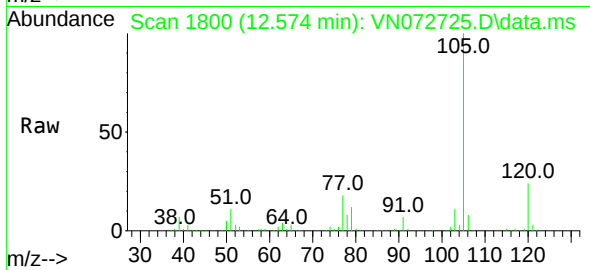
VN0609WBSD01

Tgt Ion:105 Resp: 281484

Ion Ratio Lower Upper

105 100

120 25.5 13.5 40.4



#74

N-ethyl acetate

Concen: 21.412 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Tgt Ion: 43 Resp: 143102

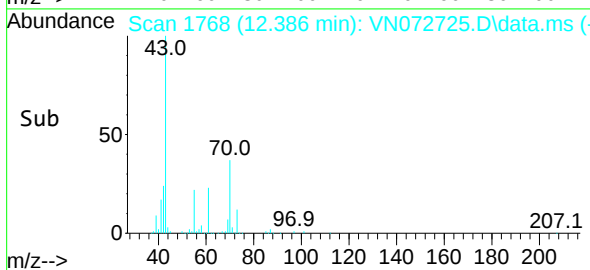
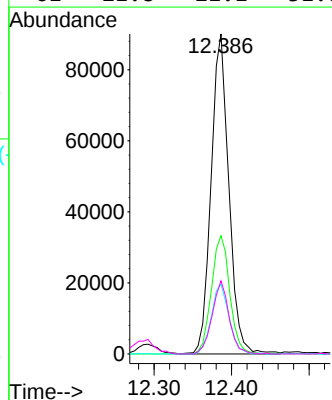
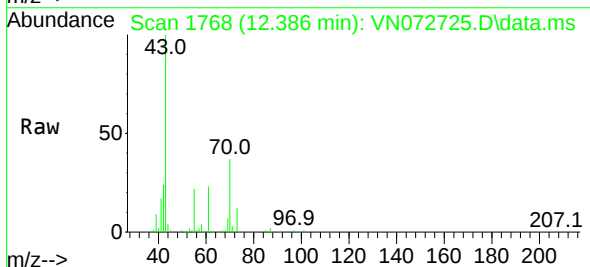
Ion Ratio Lower Upper

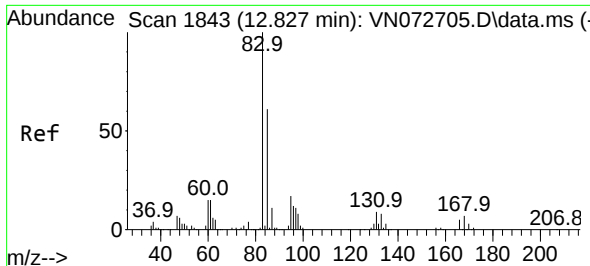
43 100

70 38.0 39.0 58.4#

55 21.8 21.1 31.7

61 21.8 21.1 31.7

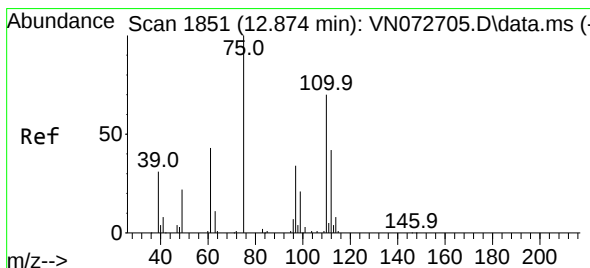
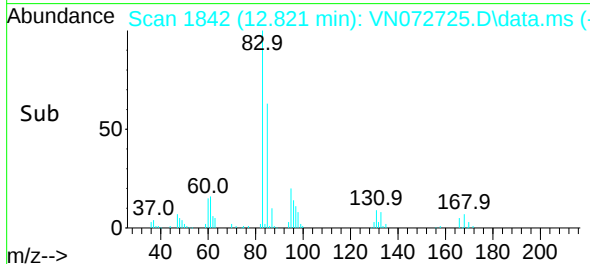
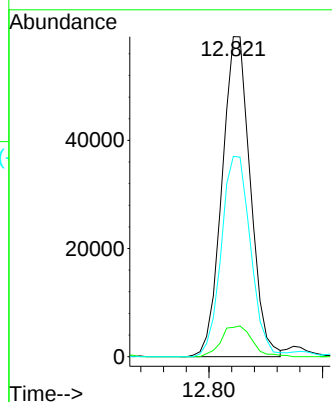
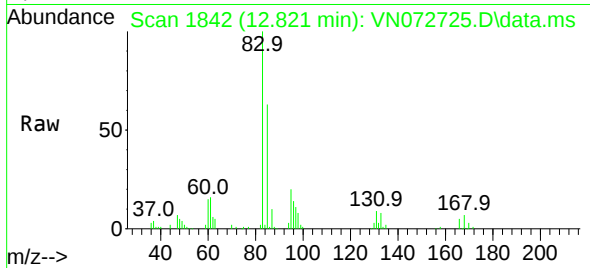




#75  
 1,1,2-Tetrachloroethane  
 Concen: 20.511 ug/l  
 RT: 12.821 min Scan# 1842  
 Delta R.T. -0.006 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

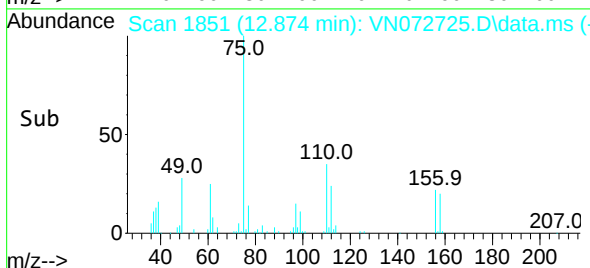
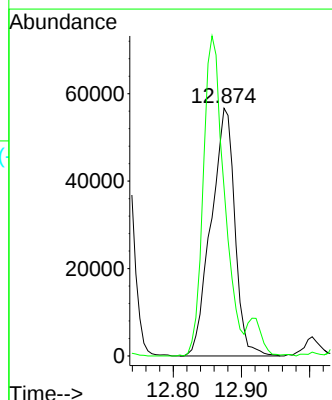
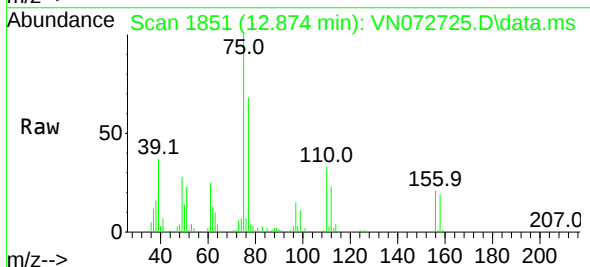
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

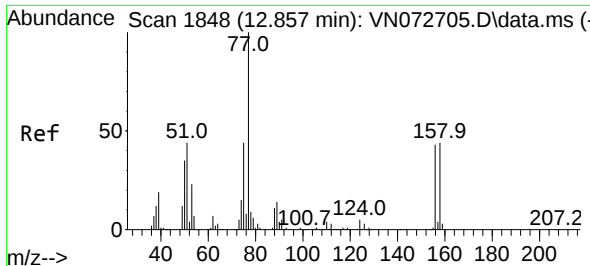
Tgt Ion: 83 Resp: 102382  
 Ion Ratio Lower Upper  
 83 100  
 131 10.5 5.3 15.9  
 85 64.8 32.3 96.9



#76  
 1,2,3-Trichloropropane  
 Concen: 31.730 ug/l  
 RT: 12.874 min Scan# 1851  
 Delta R.T. 0.000 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

Tgt Ion: 75 Resp: 137262  
 Ion Ratio Lower Upper  
 75 100  
 77 114.2 98.5 295.5

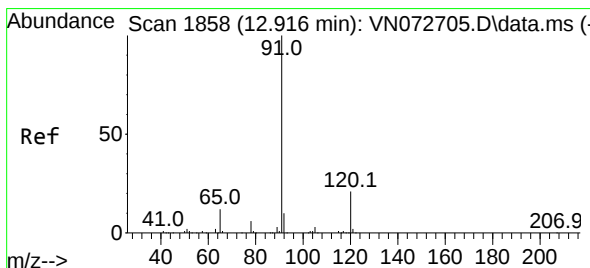
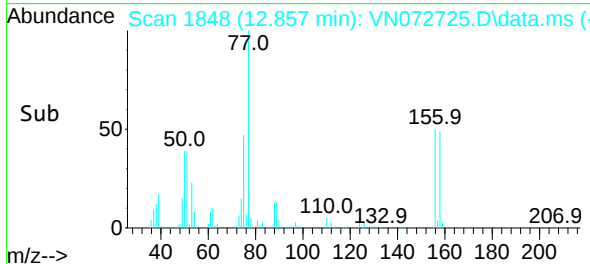
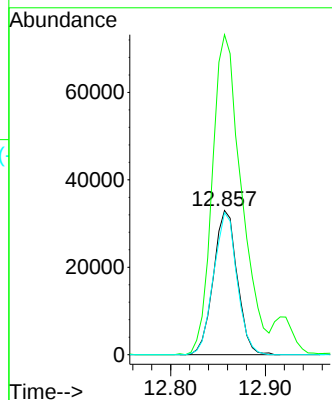
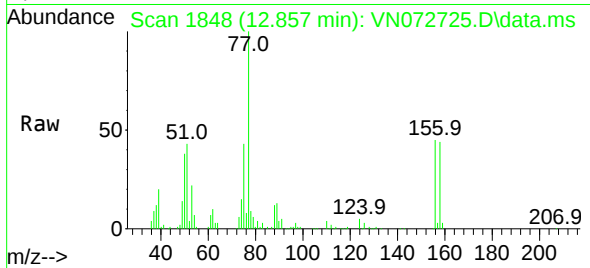




#77  
Bromobenzene  
Concen: 20.290 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

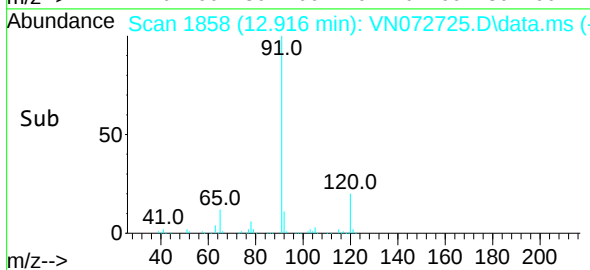
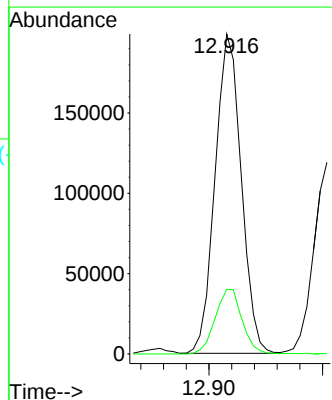
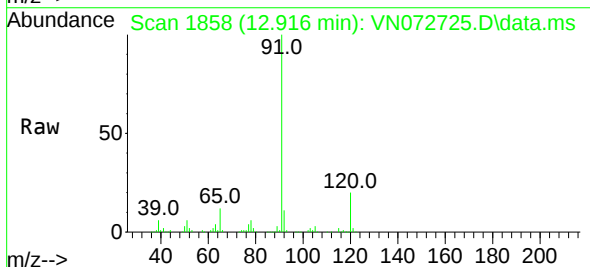
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

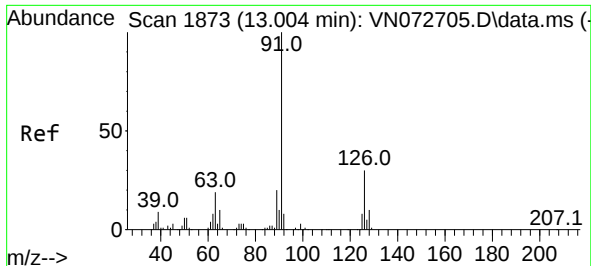
Tgt Ion:156 Resp: 57515  
Ion Ratio Lower Upper  
156 100  
77 272.7 100.5 301.5  
158 97.2 48.9 146.6



#78  
n-propylbenzene  
Concen: 20.246 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 91 Resp: 317860  
Ion Ratio Lower Upper  
91 100  
120 20.8 11.9 35.5

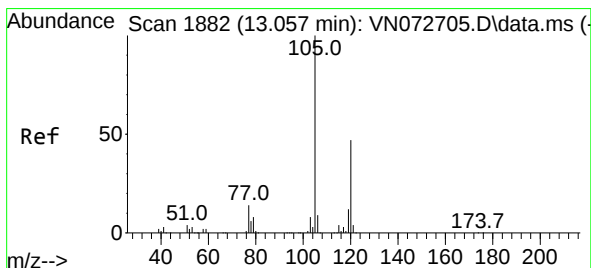
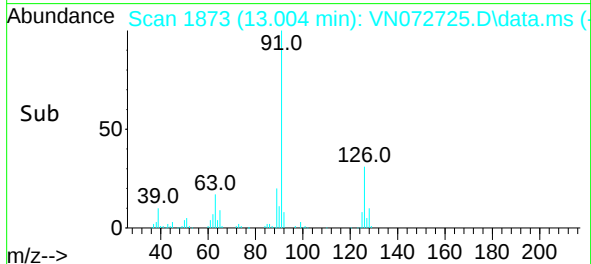
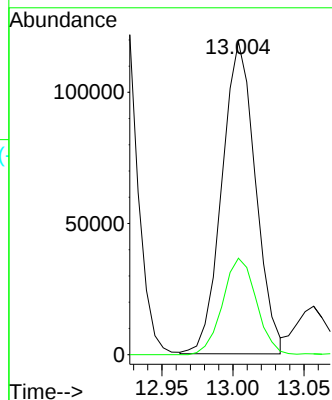
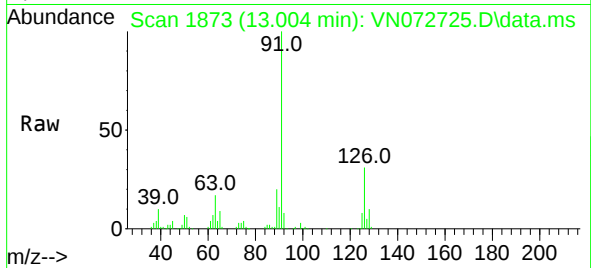




#79  
2-Chlorotoluene  
Concen: 19.899 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

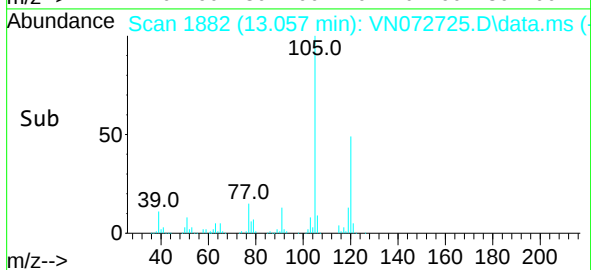
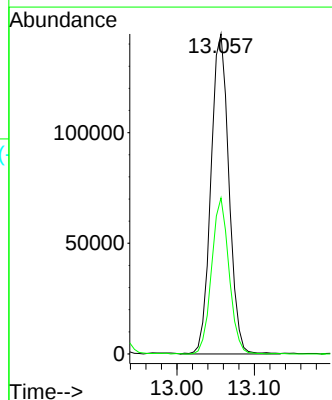
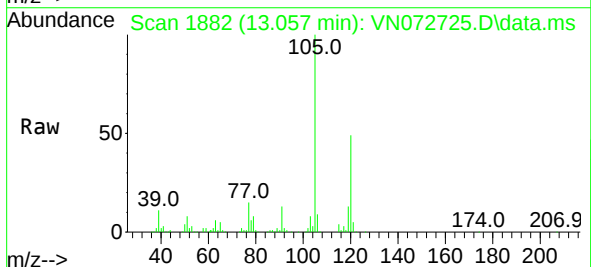
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

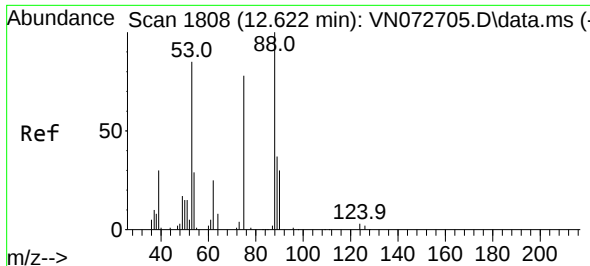
Tgt Ion: 91 Resp: 195985  
Ion Ratio Lower Upper  
91 100  
126 31.1 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 20.443 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 105 Resp: 232925  
Ion Ratio Lower Upper  
105 100  
120 47.2 24.9 74.7

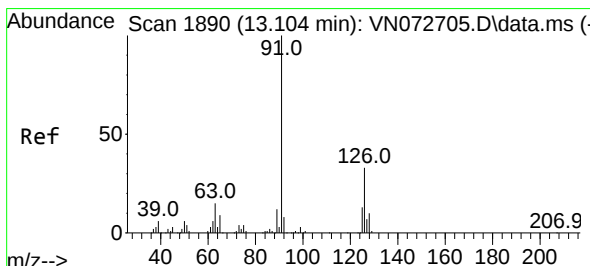
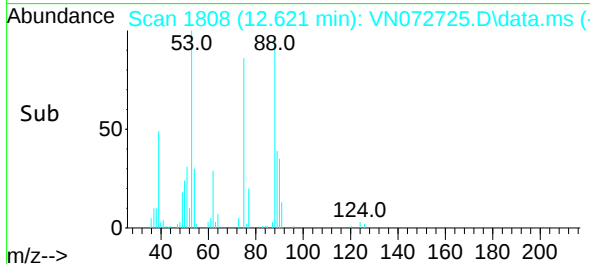
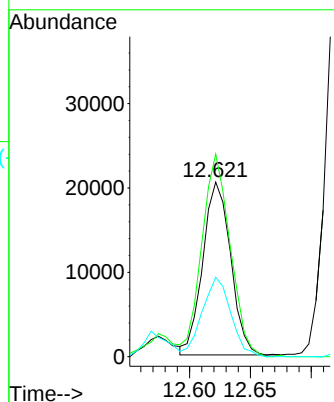
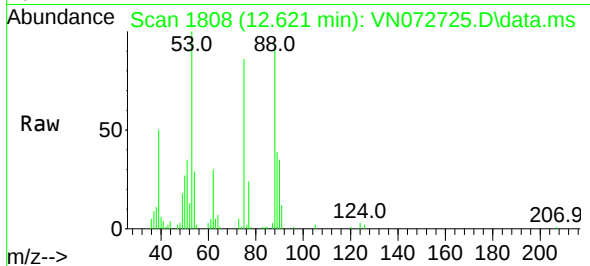




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.723 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.001 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

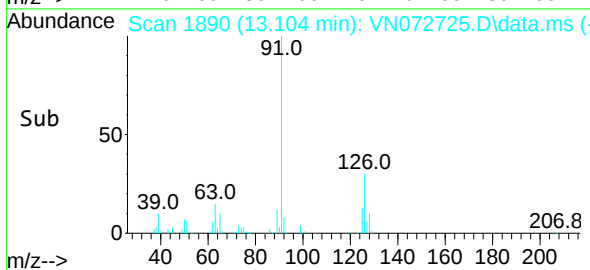
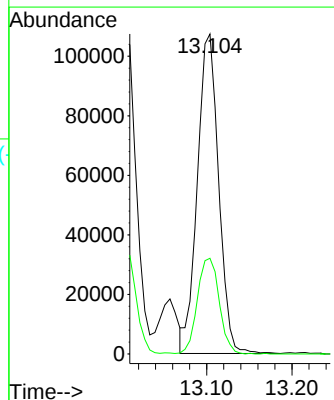
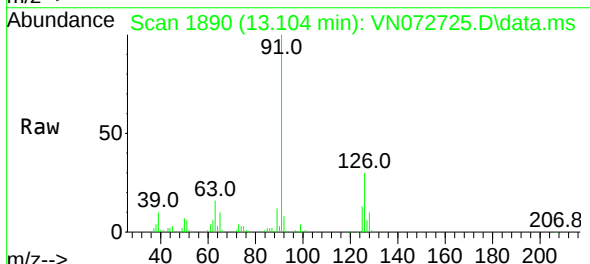
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

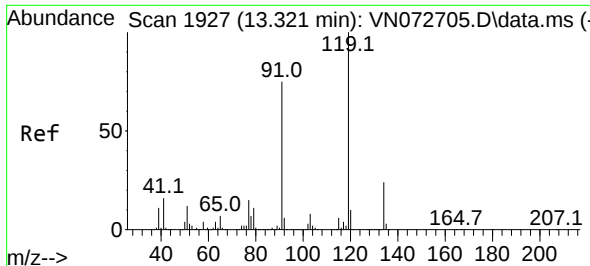
Tgt Ion: 75 Resp: 32624  
Ion Ratio Lower Upper  
75 100  
53 119.1 78.0 117.0#  
89 47.3 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 20.434 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. -0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 91 Resp: 185879  
Ion Ratio Lower Upper  
91 100  
126 30.8 17.2 51.6

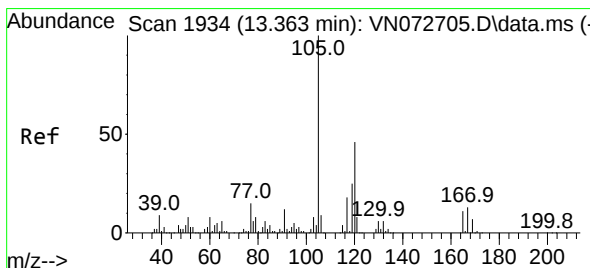
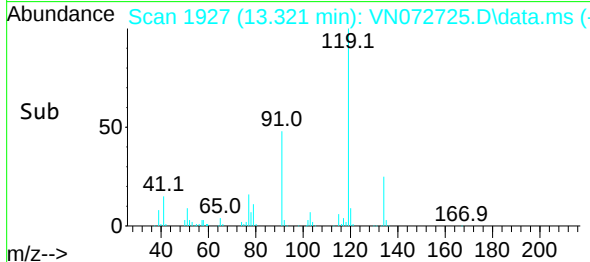
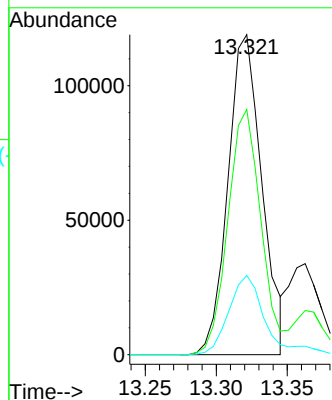
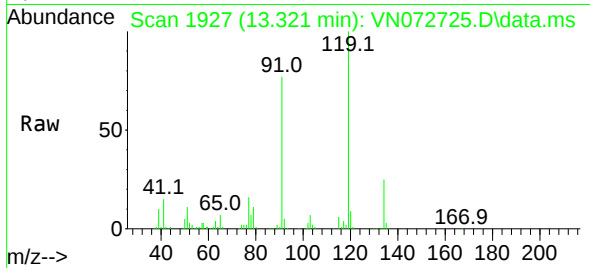




#83  
 tert-Butylbenzene  
 Concen: 19.813 ug/l  
 RT: 13.321 min Scan# 1927  
 Delta R.T. 0.000 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

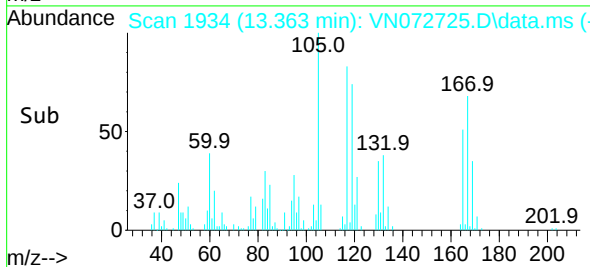
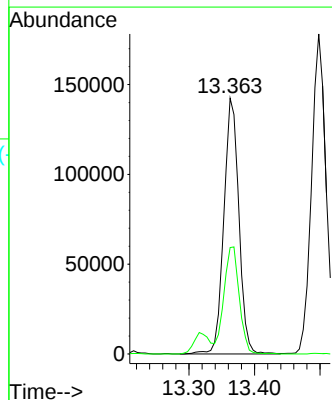
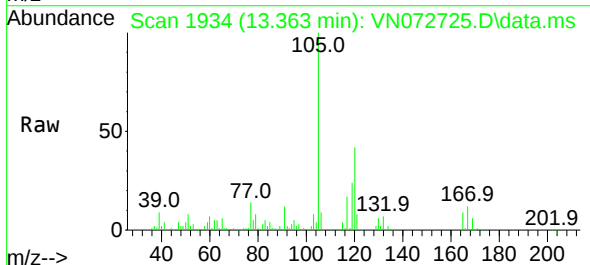
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

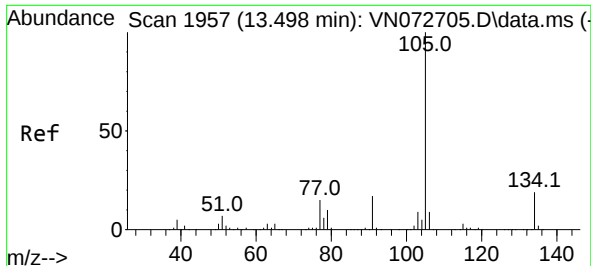
Tgt Ion:119 Resp: 198274  
 Ion Ratio Lower Upper  
 119 100  
 91 75.6 31.6 94.8  
 134 26.5 13.7 41.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.727 ug/l  
 RT: 13.363 min Scan# 1934  
 Delta R.T. -0.000 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

Tgt Ion:105 Resp: 225961  
 Ion Ratio Lower Upper  
 105 100  
 120 42.7 23.3 69.8

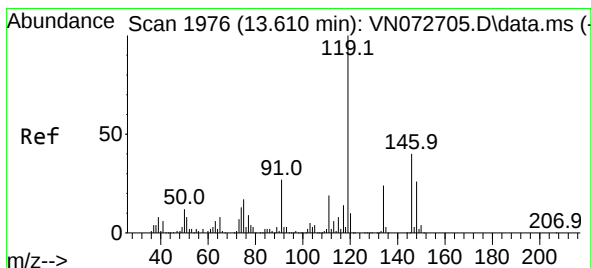
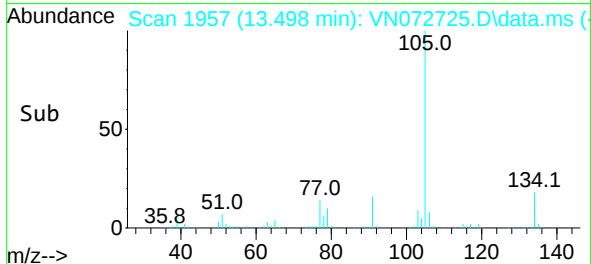
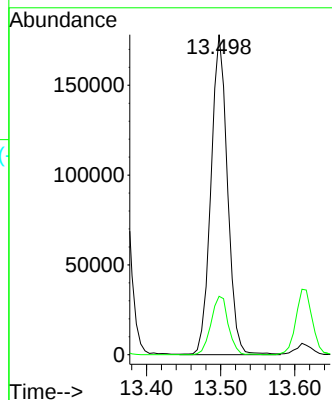
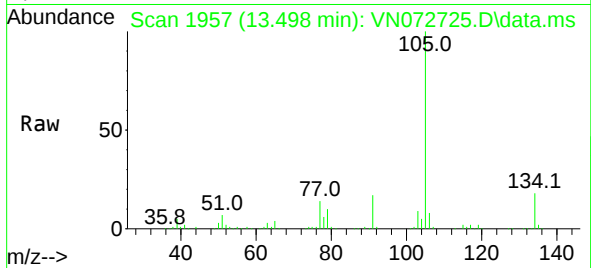




#85  
 sec-Butylbenzene  
 Concen: 20.395 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

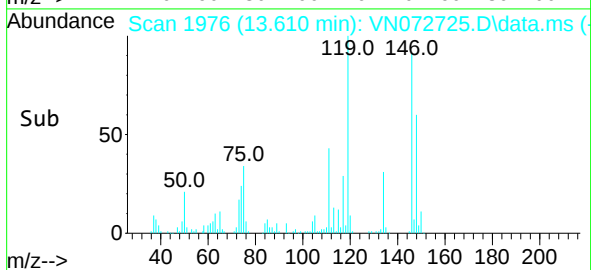
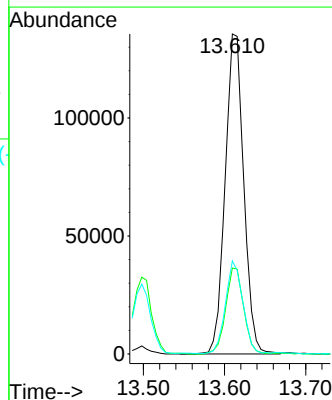
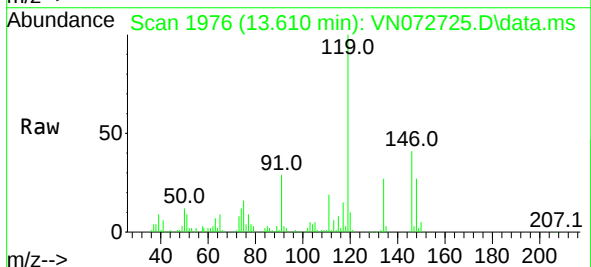
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0609WBSD01

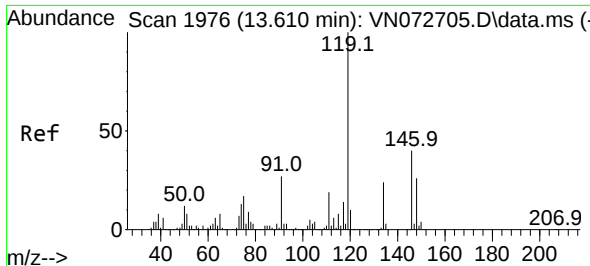
Tgt Ion:105 Resp: 275395  
 Ion Ratio Lower Upper  
 105 100  
 134 19.0 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 20.331 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072725.D  
 Acq: 09 Jun 2022 13:01

Tgt Ion:119 Resp: 215953  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.3 39.8  
 91 27.1 11.3 33.9

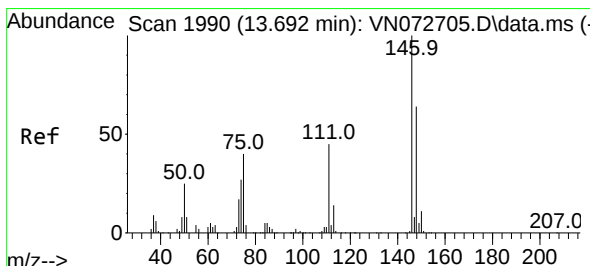
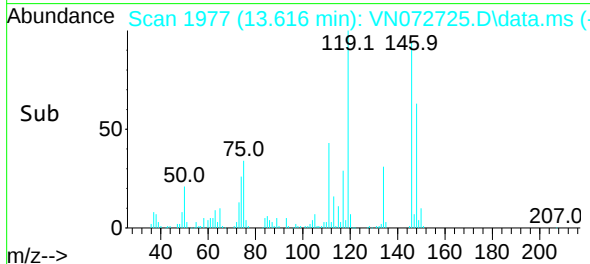
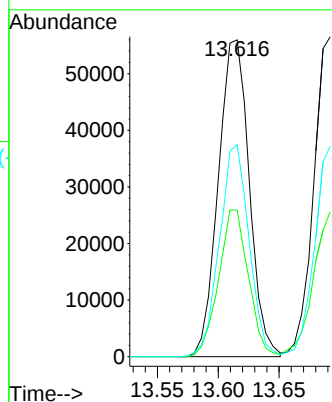
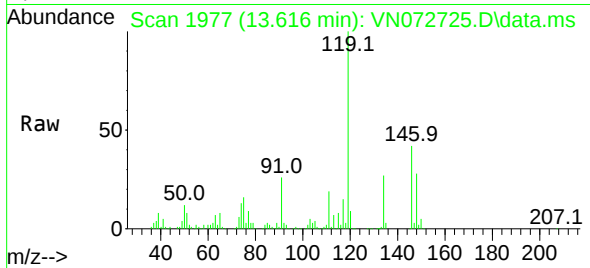




#87  
1,3-Dichlorobenzene  
Concen: 20.558 ug/l  
RT: 13.616 min Scan# 1976  
Delta R.T. 0.006 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

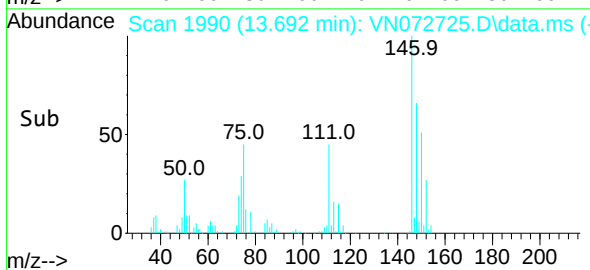
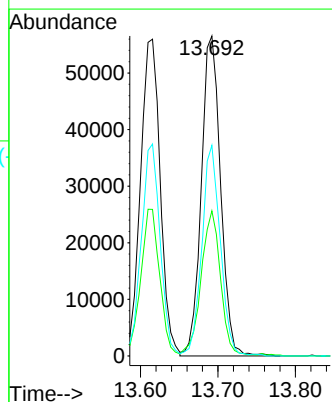
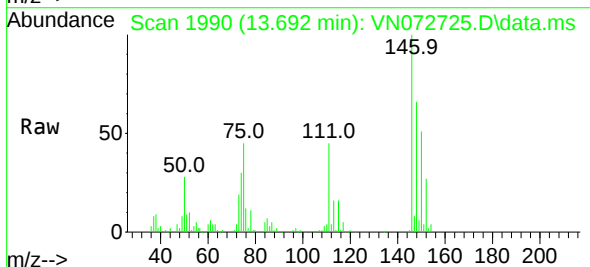
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

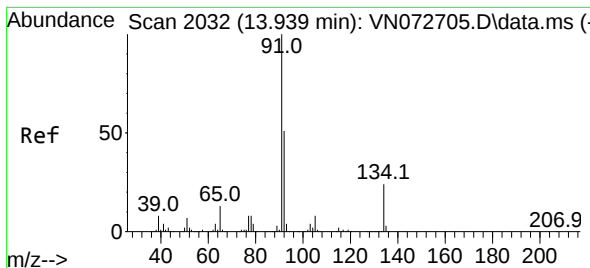
Tgt Ion:146 Resp: 98980  
Ion Ratio Lower Upper  
146 100  
111 44.6 20.0 60.0  
148 64.1 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 20.723 ug/l  
RT: 13.692 min Scan# 1990  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion:146 Resp: 97747  
Ion Ratio Lower Upper  
146 100  
111 44.9 19.1 57.1  
148 63.2 31.4 94.3





#89

n-Butylbenzene

Concen: 20.340 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

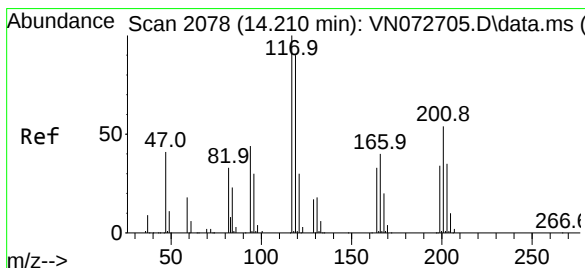
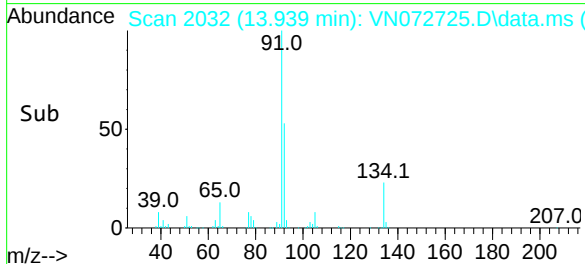
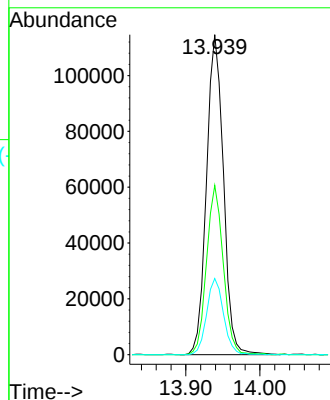
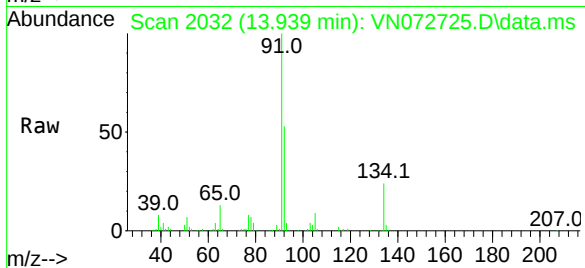
Tgt Ion: 91 Resp: 182025

Ion Ratio Lower Upper

91 100

92 52.3 26.9 80.7

134 23.8 13.6 40.8



#90

Hexachloroethane

Concen: 18.950 ug/l

RT: 14.204 min Scan# 2077

Delta R.T. -0.006 min

Lab File: VN072725.D

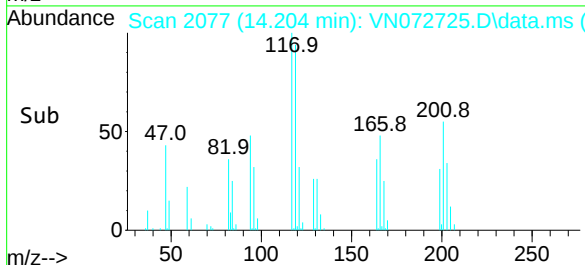
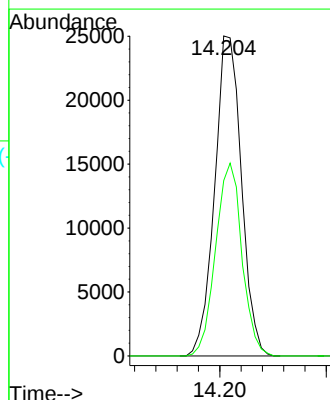
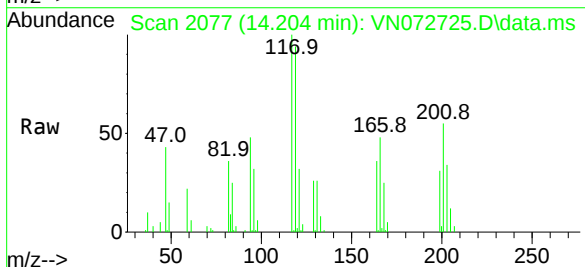
Acq: 09 Jun 2022 13:01

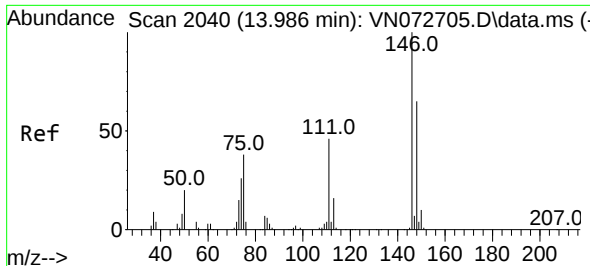
Tgt Ion: 117 Resp: 43566

Ion Ratio Lower Upper

117 100

201 59.3 40.6 122.0

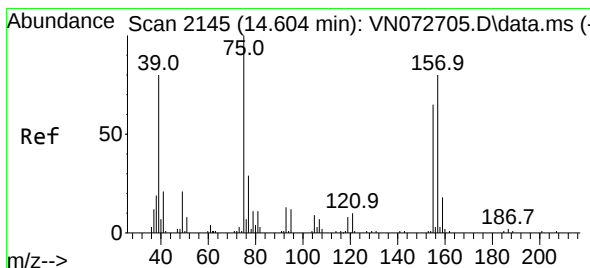
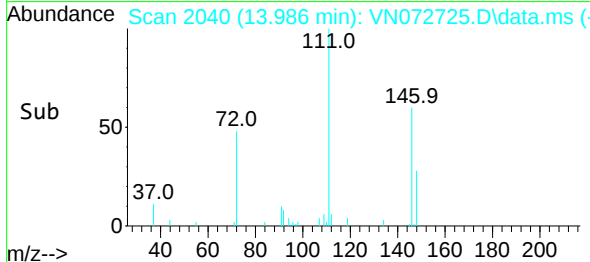
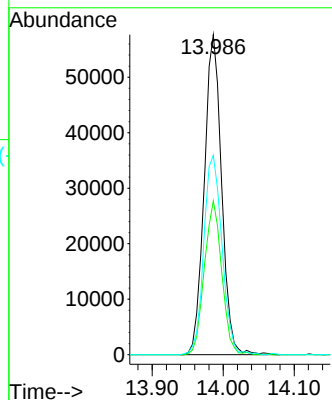
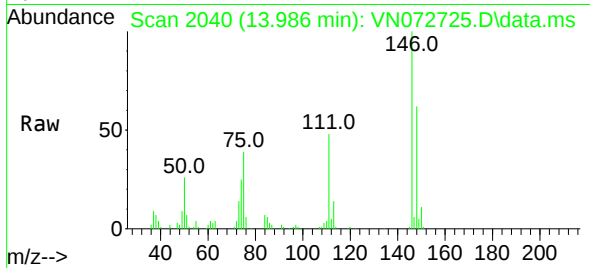




#91  
1,2-Dichlorobenzene  
Concen: 20.791 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

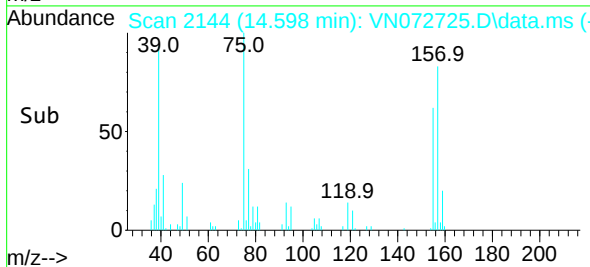
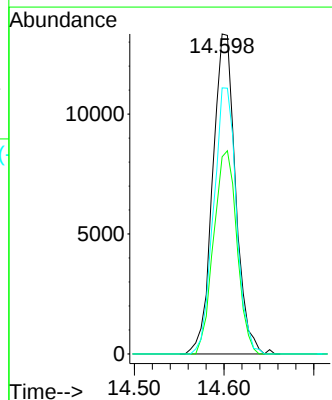
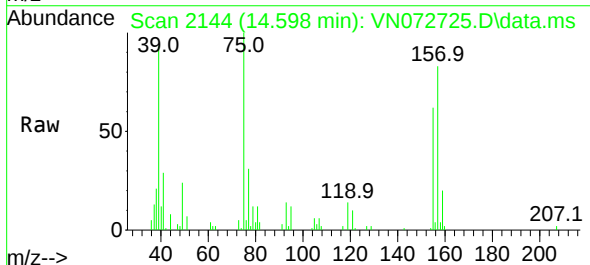
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

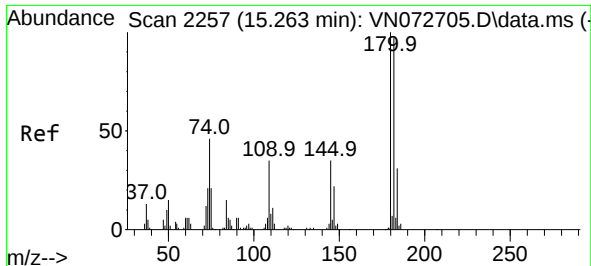
Tgt Ion:146 Resp: 98114  
Ion Ratio Lower Upper  
146 100  
111 48.0 20.9 62.8  
148 65.5 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.589 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. -0.006 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion: 75 Resp: 23619  
Ion Ratio Lower Upper  
75 100  
155 64.4 44.9 134.5  
157 82.6 59.0 176.8

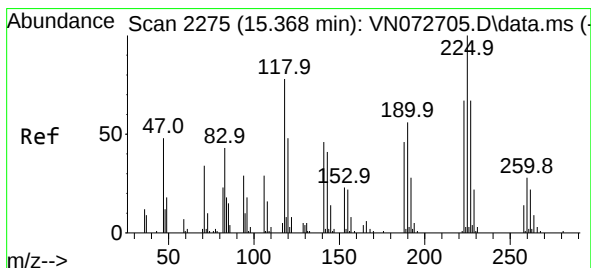
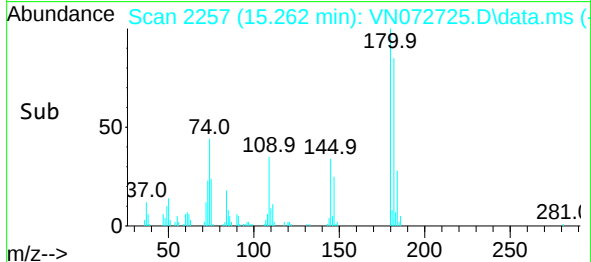
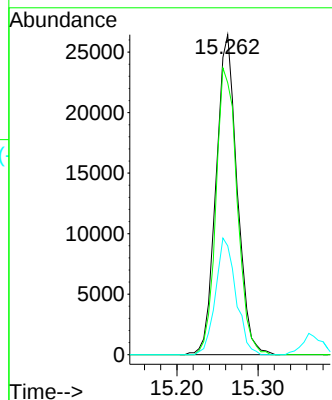
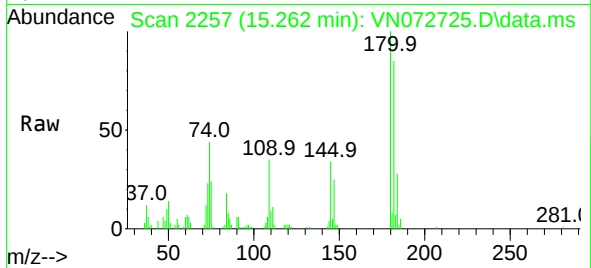




#93  
1,2,4-Trichlorobenzene  
Concen: 21.034 ug/l  
RT: 15.262 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

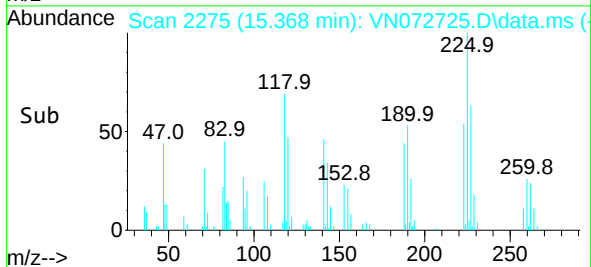
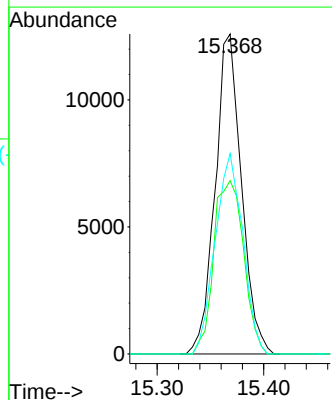
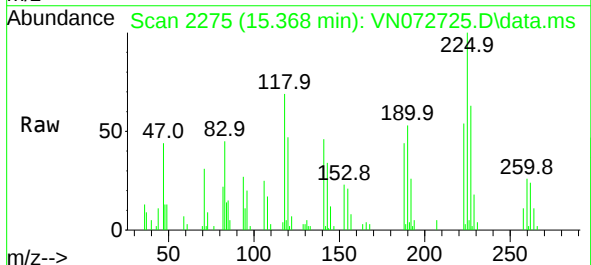
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0609WBSD01

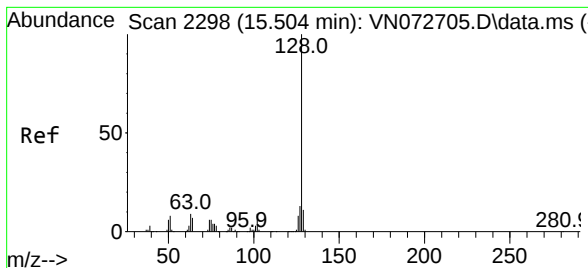
Tgt Ion:180 Resp: 47751  
Ion Ratio Lower Upper  
180 100  
182 89.9 47.5 142.5  
145 35.2 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 21.204 ug/l  
RT: 15.368 min Scan# 2275  
Delta R.T. 0.000 min  
Lab File: VN072725.D  
Acq: 09 Jun 2022 13:01

Tgt Ion:225 Resp: 21563  
Ion Ratio Lower Upper  
225 100  
223 61.7 32.4 97.2  
227 66.1 31.8 95.4





#95

Naphthalene

Concen: 20.795 ug/l

RT: 15.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

VN0609WBSD01

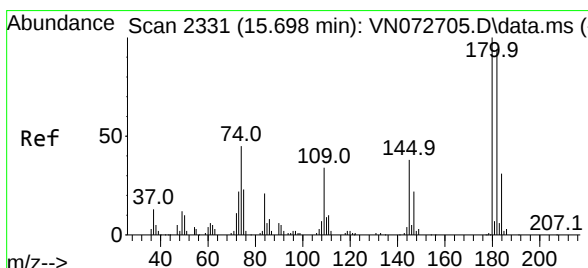
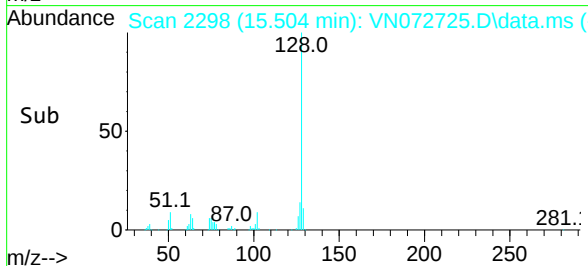
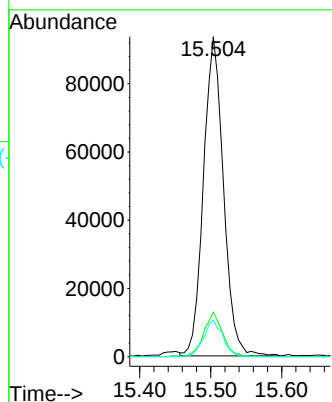
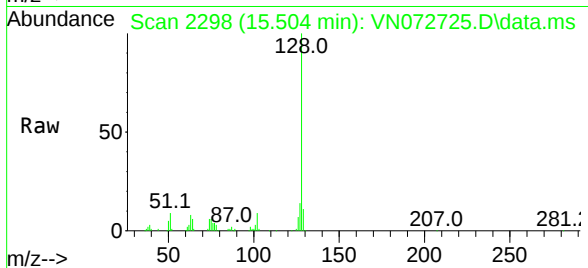
Tgt Ion:128 Resp: 183161

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.991 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VN072725.D

Acq: 09 Jun 2022 13:01

Tgt Ion:180 Resp: 49714

Ion Ratio Lower Upper

180 100

182 92.6 47.8 143.3

145 35.2 15.5 46.5

