

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112124\  
 Data File : VN084987.D  
 Acq On : 21 Nov 2024 10:09  
 Operator : JC\MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 21 14:42:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N103124W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 01 02:38:04 2024  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Bromochloromethane        | 7.812     | 128   | 33996    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.100     | 114   | 179355   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 11.865    | 117   | 164023   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.577     | 65    | 82968    | 30.357   | ug/l       | 0.00     |
| Spiked Amount                | 30.000    | Range | 91 - 110 | Recovery | = 101.200% |          |
| 60) 4-Bromofluorobenzene     | 12.847    | 95    | 88511    | 31.340   | ug/l       | 0.00     |
| Spiked Amount                | 30.000    | Range | 63 - 112 | Recovery | = 104.467% |          |
| 63) Toluene-d8               | 10.565    | 98    | 233022   | 30.010   | ug/l       | 0.00     |
| Spiked Amount                | 30.000    | Range | 91 - 112 | Recovery | = 100.033% |          |
| Target Compounds             |           |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.118     | 85    | 41652    | 21.065   | ug/l       | 96       |
| 3) Chloromethane             | 2.359     | 50    | 44811    | 18.823   | ug/l       | 96       |
| 4) Vinyl Chloride            | 2.512     | 62    | 42735    | 19.332   | ug/l       | 98       |
| 5) Bromomethane              | 2.900     | 94    | 23012    | 20.510   | ug/l       | 99       |
| 6) Chloroethane              | 3.071     | 64    | 27661    | 19.058   | ug/l #     | 86       |
| 7) Trichlorofluoromethane    | 3.471     | 101   | 72284    | 20.134   | ug/l       | 99       |
| 8) Diethyl Ether             | 3.953     | 74    | 24539    | 19.162   | ug/l       | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.359     | 101   | 41865    | 20.635   | ug/l       | 86       |
| 10) 1,1-Dichloroethene       | 4.330     | 96    | 37691    | 19.024   | ug/l       | 83       |
| 11) Methyl Iodide            | 4.583     | 142   | 53189    | 19.533   | ug/l       | 94       |
| 12) Methyl Acetate           | 5.018     | 43    | 52828    | 17.106   | ug/l       | 99       |
| 13) Acrolein                 | 4.177     | 56    | 40617    | 106.654  | ug/l       | 99       |
| 14) Acrylonitrile            | 5.712     | 53    | 98846    | 97.839   | ug/l       | 98       |
| 15) Acetone                  | 4.424     | 58    | 25621    | 98.698   | ug/l       | 99       |
| 16) Carbon Disulfide         | 4.700     | 76    | 104210   | 17.876   | ug/l       | 98       |
| 17) Allyl chloride           | 5.012     | 41    | 54126    | 16.033   | ug/l       | 95       |
| 18) Methylene Chloride       | 5.265     | 84    | 42981    | 18.513   | ug/l       | 99       |
| 19) trans-1,2-Dichloroethene | 5.777     | 96    | 38322    | 18.454   | ug/l       | 90       |
| 20) Diisopropyl ether        | 6.671     | 45    | 128701   | 19.044   | ug/l       | 95       |
| 21) 1,1-Dichloroethane       | 6.559     | 63    | 76278    | 18.768   | ug/l       | 97       |
| 22) cis-1,2-Dichloroethene   | 7.483     | 96    | 44210    | 17.832   | ug/l       | 99       |
| 23) tert-Butyl Alcohol       | 5.530     | 59    | 15300    | 43.379   | ug/l #     | 100      |
| 24) Methyl tert-Butyl Ether  | 5.789     | 73    | 71120    | 11.100   | ug/l #     | 71       |
| 25) Chloroform               | 7.959     | 83    | 79800    | 19.164   | ug/l       | 96       |
| 26) Cyclohexane              | 8.253     | 56    | 61846    | 19.921   | ug/l #     | 97       |
| 29) 1,1-Dichloropropene      | 8.365     | 75    | 53180    | 19.686   | ug/l       | 98       |
| 30) 2-Butanone               | 7.483     | 43    | 127794   | 102.552  | ug/l       | 99       |
| 31) 2,2-Dichloropropane      | 7.483     | 77    | 70292    | 21.316   | ug/l       | 99       |
| 32) 1,1,1-Trichloroethane    | 8.165     | 97    | 72219    | 19.678   | ug/l       | 99       |
| 33) Carbon Tetrachloride     | 8.353     | 117   | 63830    | 20.382   | ug/l       | 95       |
| 34) Benzene                  | 8.600     | 78    | 169523   | 18.985   | ug/l       | 96       |
| 35) Methacrylonitrile        | 7.777     | 41    | 28991    | 19.629   | ug/l       | 96       |
| 36) 1,2-Dichloroethane       | 8.665     | 62    | 58594    | 19.732   | ug/l       | 98       |
| 37) Trichloroethene          | 9.353     | 130   | 37651    | 18.691   | ug/l       | 96       |
| 38) Methylcyclohexane        | 9.594     | 83    | 54424    | 18.714   | ug/l       | 99       |
| 39) 1,2-Dichloropropane      | 9.618     | 63    | 41464    | 19.290   | ug/l       | 97       |
| 40) Dibromomethane           | 9.706     | 93    | 29647    | 19.716   | ug/l       | 97       |
| 41) Bromodichloromethane     | 9.888     | 83    | 62187    | 19.291   | ug/l       | 94       |
| 42) Vinyl Acetate            | 6.594     | 43    | 444423   | 95.413   | ug/l       | 100      |

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 01 02:38:04 2024  
 Response via : Initial Calibration

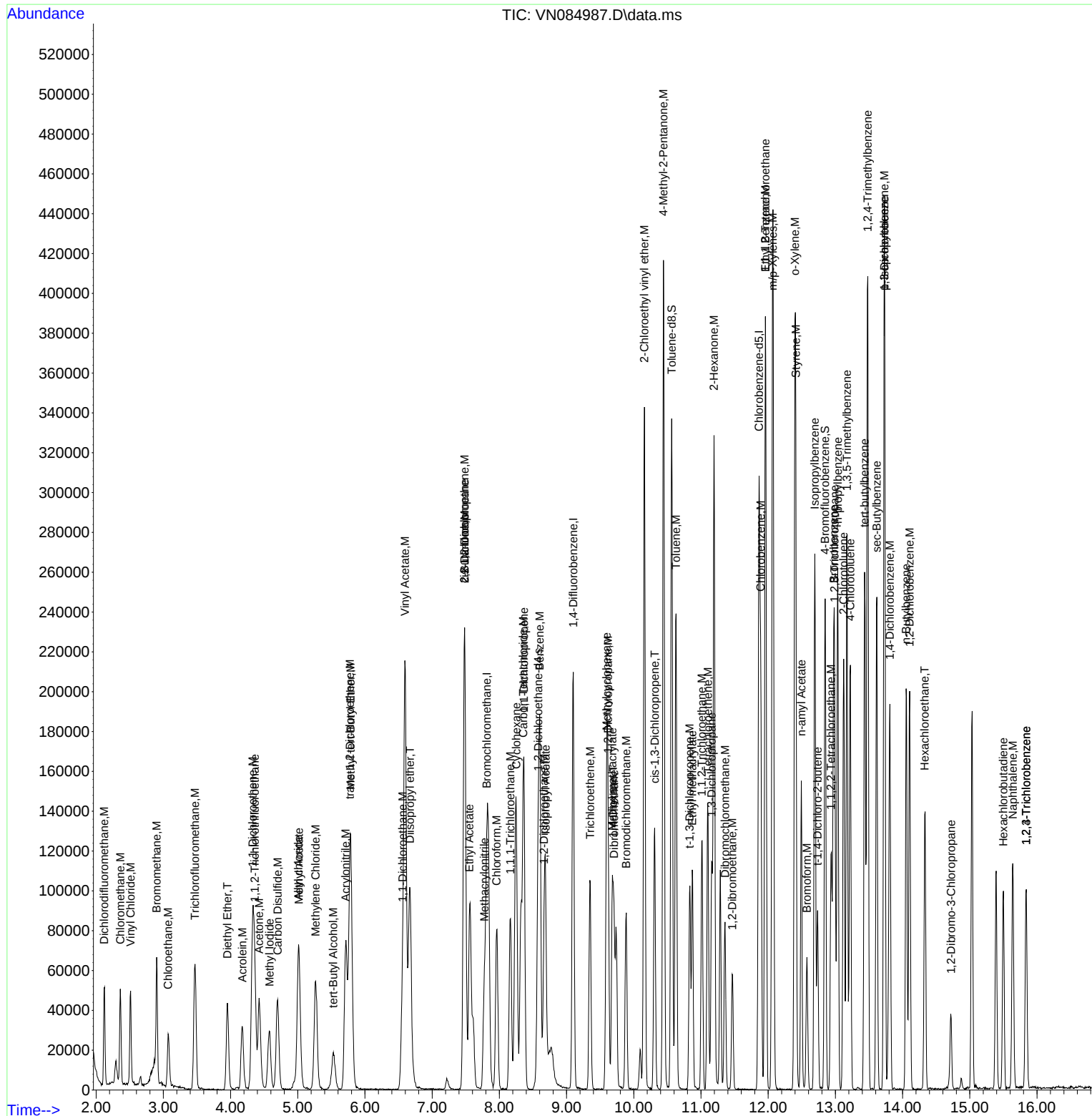
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.553  | 43   | 48642    | 18.577  | ug/l   | 96       |
| 44) Isopropyl Acetate         | 8.688  | 43   | 104200   | 19.652  | ug/l   | 98       |
| 45) 1,4-Dioxane               | 9.694  | 88   | 13859    | 391.521 | ug/l # | 87       |
| 46) Methyl methacrylate       | 9.682  | 41   | 40301    | 18.914  | ug/l   | 92       |
| 47) n-amyl Acetate            | 12.494 | 43   | 74142    | 18.723  | ug/l   | 99       |
| 48) t-1,3-Dichloropropene     | 10.829 | 75   | 59053    | 18.552  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 10.312 | 75   | 64780    | 18.989  | ug/l   | 94       |
| 50) 1,1,2-Trichloroethane     | 11.012 | 97   | 41107    | 20.380  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 10.871 | 69   | 56812    | 18.273  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 11.159 | 76   | 68337    | 19.519  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.359 | 129  | 46003    | 19.490  | ug/l   | 97       |
| 54) 1,2-Dibromoethane         | 11.465 | 107  | 39883    | 19.550  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.159 | 63   | 147551   | 96.800  | ug/l   | 99       |
| 56) Bromoform                 | 12.576 | 173  | 30775    | 19.451  | ug/l   | 100      |
| 58) 4-Methyl-2-Pentanone      | 10.441 | 43   | 267148   | 103.239 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 202058   | 106.636 | ug/l   | 100      |
| 61) Tetrachloroethene         | 11.106 | 164  | 32719    | 19.060  | ug/l   | 94       |
| 62) Toluene                   | 10.629 | 91   | 180288   | 19.298  | ug/l   | 97       |
| 64) Chlorobenzene             | 11.888 | 112  | 107139   | 18.997  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 39814    | 19.209  | ug/l   | 97       |
| 66) Ethyl Benzene             | 11.959 | 91   | 178115   | 18.142  | ug/l   | 93       |
| 67) m/p-Xylenes               | 12.070 | 106  | 144624   | 38.476  | ug/l   | 98       |
| 68) o-Xylene                  | 12.400 | 106  | 68894    | 19.001  | ug/l   | 97       |
| 69) Styrene                   | 12.412 | 104  | 116151   | 19.105  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.694 | 105  | 170342   | 18.911  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 59285    | 20.307  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.988 | 75   | 75992    | 30.483  | ug/l   | 65       |
| 73) Bromobenzene              | 12.976 | 156  | 44563    | 19.182  | ug/l   | 97       |
| 74) n-propylbenzene           | 13.035 | 91   | 203844   | 19.354  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 13.123 | 91   | 133176   | 19.416  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 149473   | 19.422  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.735 | 75   | 20493    | 20.043  | ug/l   | 98       |
| 78) 4-Chlorotoluene           | 13.223 | 91   | 133045   | 19.198  | ug/l   | 100      |
| 79) tert-butylbenzene         | 13.435 | 119  | 122941   | 19.317  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 152333   | 19.621  | ug/l   | 99       |
| 81) sec-Butylbenzene          | 13.617 | 105  | 168731   | 19.240  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.729 | 119  | 142835   | 19.384  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.729 | 146  | 80688    | 18.780  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.812 | 146  | 77795    | 18.325  | ug/l   | 99       |
| 85) n-Butylbenzene            | 14.053 | 91   | 112759   | 18.220  | ug/l   | 98       |
| 86) Hexachloroethane          | 14.329 | 117  | 30305    | 20.109  | ug/l   | 98       |
| 87) 1,2-Dichlorobenzene       | 14.106 | 146  | 82352    | 19.451  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 11448    | 20.322  | ug/l   | 97       |
| 89) 1,2,4-Trichlorobenzene    | 15.841 | 180  | 36162    | 17.542  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 15.500 | 225  | 19451    | 21.601  | ug/l   | 94       |
| 91) Naphthalene               | 15.641 | 128  | 106129   | 16.121  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 36162    | 17.542  | ug/l   | 97       |

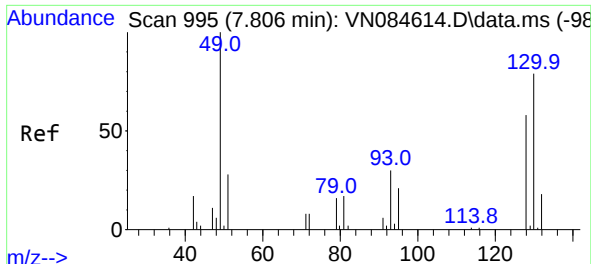
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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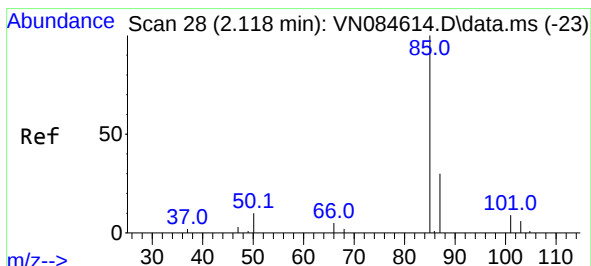
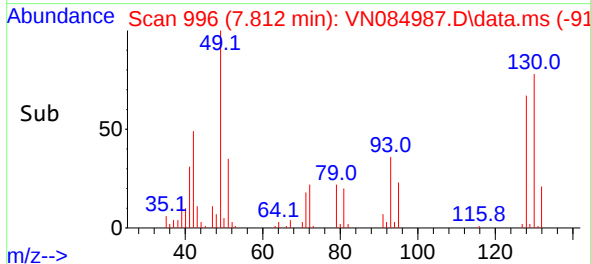
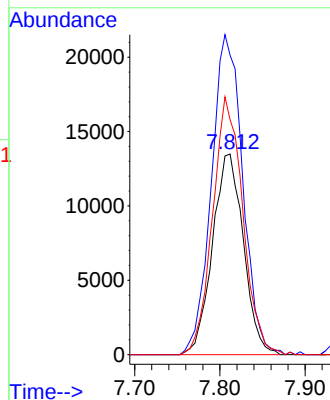
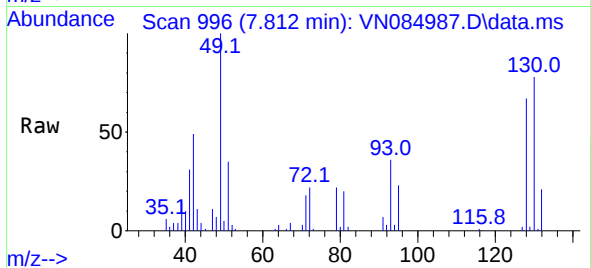




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.812 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

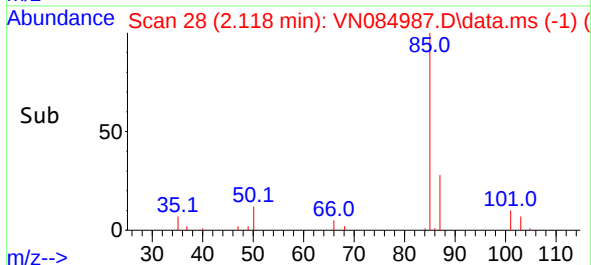
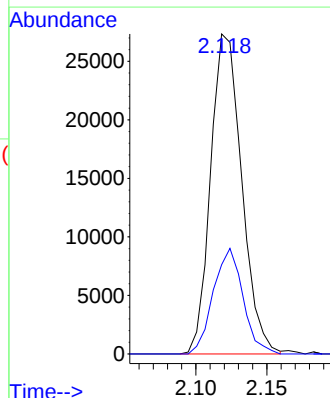
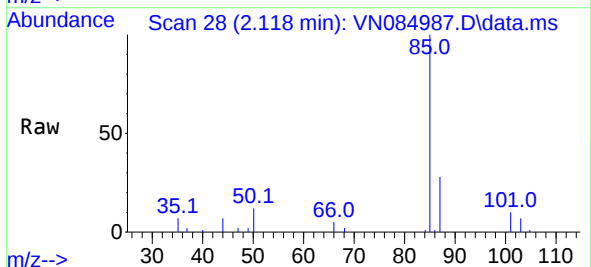
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MSVOA\_N  
ClientSampleId :

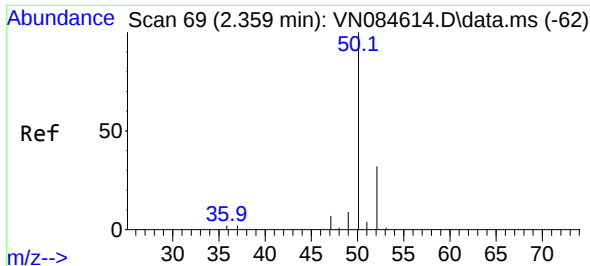
Tgt Ion:128 Resp: 33996  
Ion Ratio Lower Upper  
128 100  
49 161.3 0.0 427.0  
130 125.3 0.0 322.2



#2  
Dichlorodifluoromethane  
Concen: 21.065 ug/l  
RT: 2.118 min Scan# 28  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 85 Resp: 41652  
Ion Ratio Lower Upper  
85 100  
87 27.9 14.9 44.9

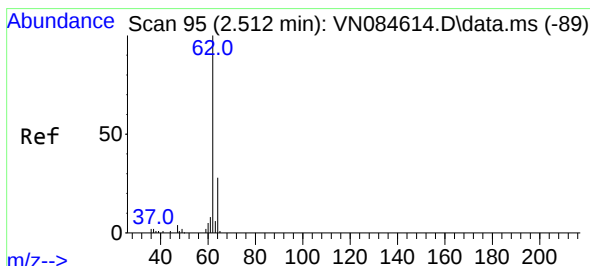
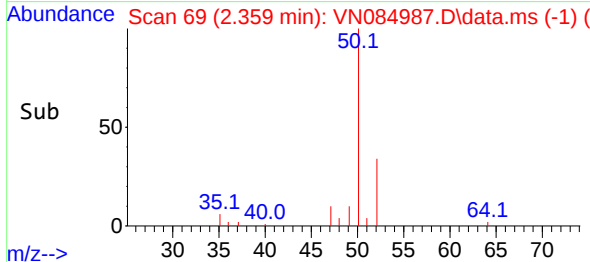
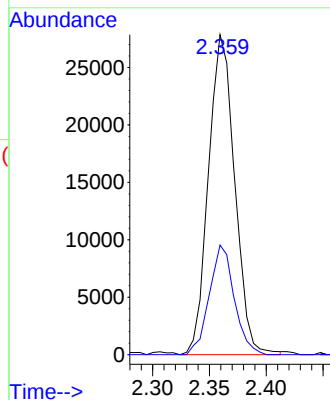
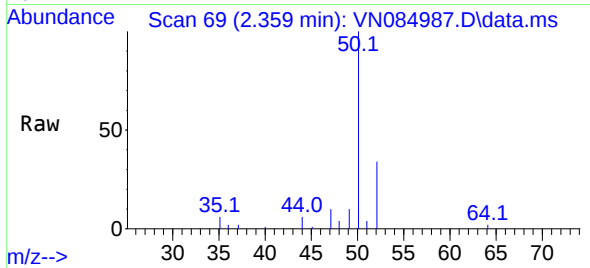




#3  
Chloromethane  
Concen: 18.823 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

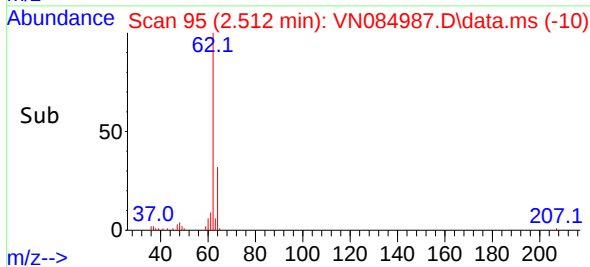
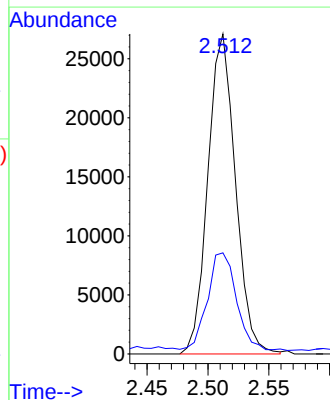
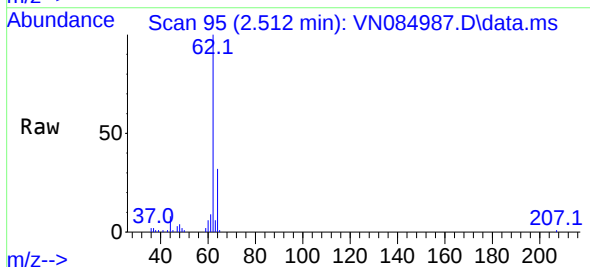
Instrument :  
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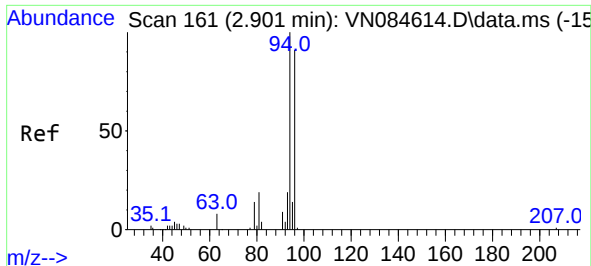
Tgt Ion: 50 Resp: 44811  
Ion Ratio Lower Upper  
50 100  
52 34.3 25.5 38.3



#4  
Vinyl Chloride  
Concen: 19.332 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

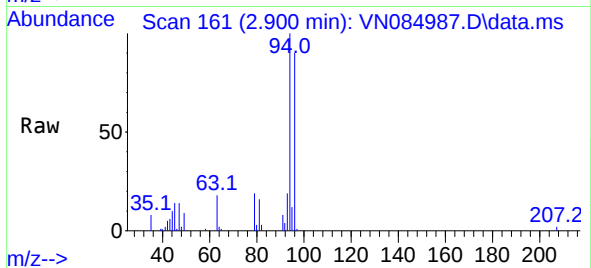
Tgt Ion: 62 Resp: 42735  
Ion Ratio Lower Upper  
62 100  
64 30.2 23.1 34.7



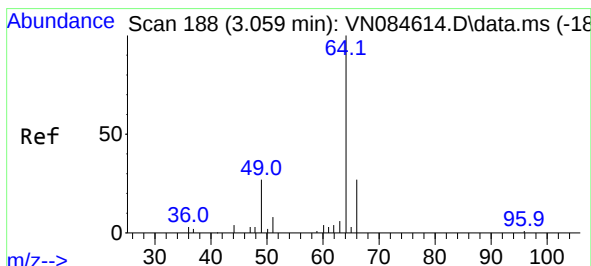
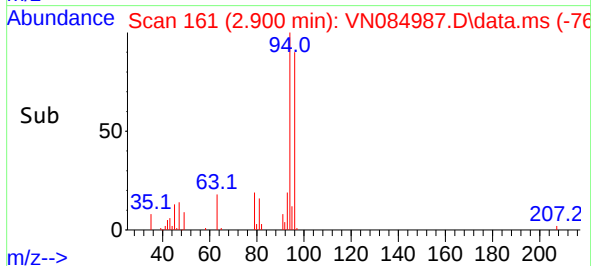
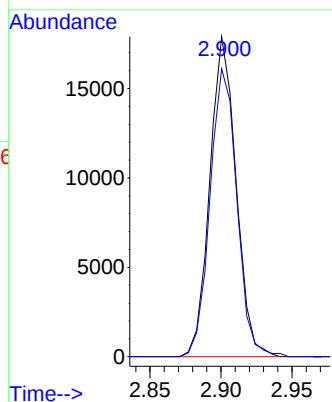


#5  
Bromomethane  
Concen: 20.510 ug/l  
RT: 2.900 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
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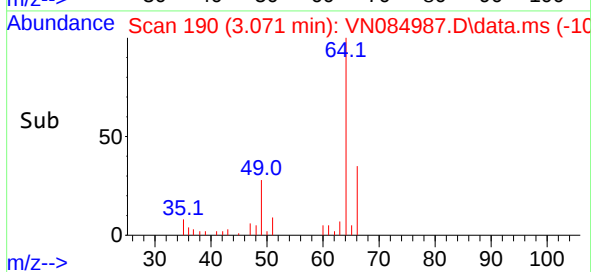
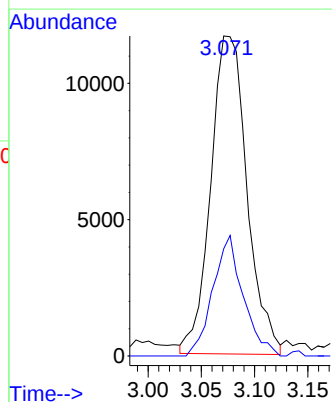
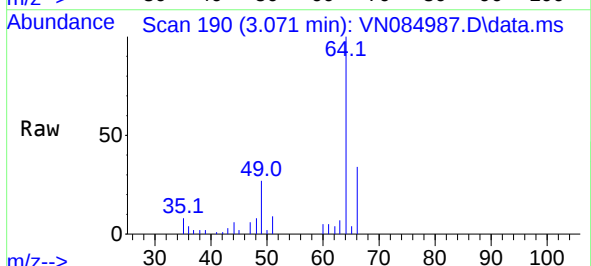


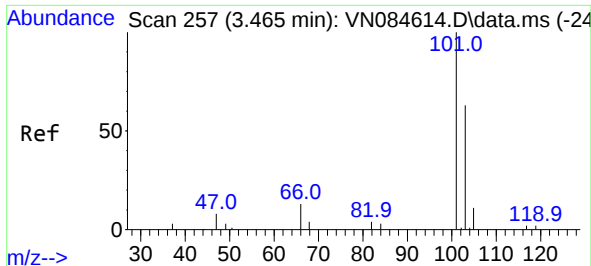
Tgt Ion: 94 Resp: 23012  
Ion Ratio Lower Upper  
94 100  
96 90.0 72.7 109.1



#6  
Chloroethane  
Concen: 19.058 ug/l  
RT: 3.071 min Scan# 190  
Delta R.T. 0.012 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 64 Resp: 27661  
Ion Ratio Lower Upper  
64 100  
66 34.7 22.1 33.1#

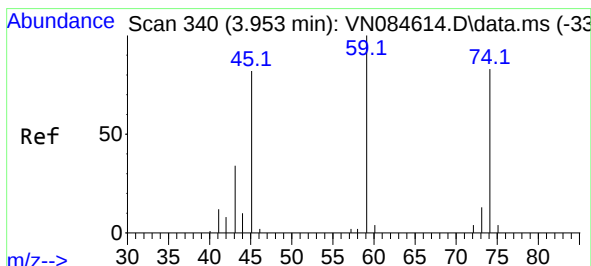
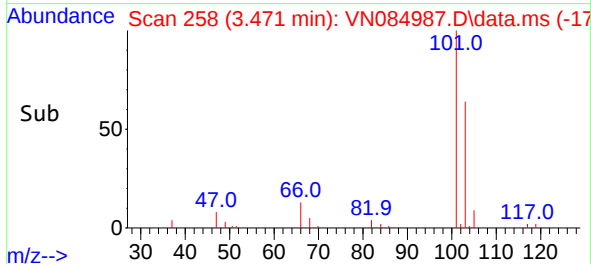
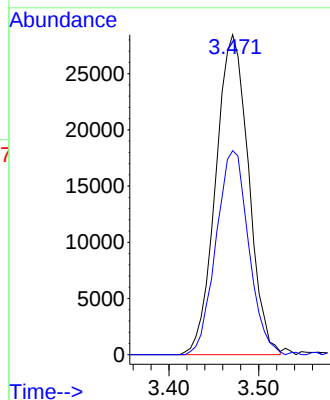
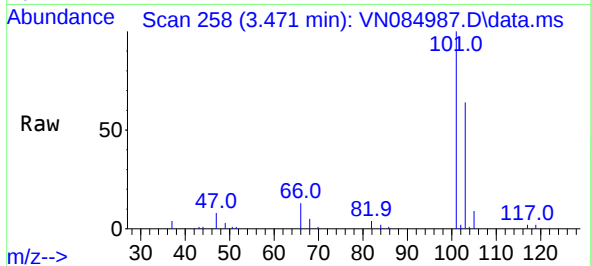




#7  
Trichlorofluoromethane  
Concen: 20.134 ug/l  
RT: 3.471 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

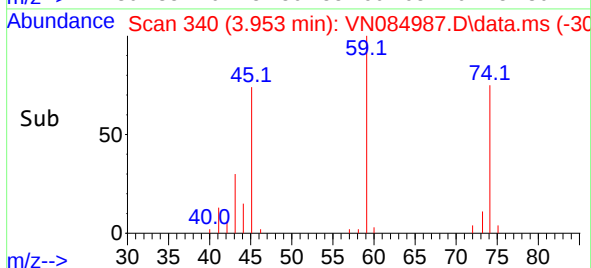
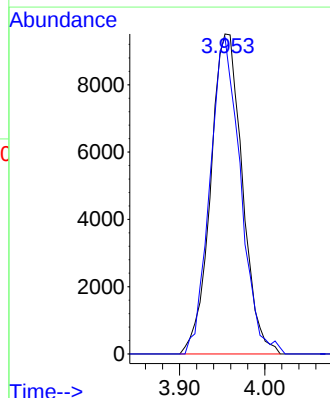
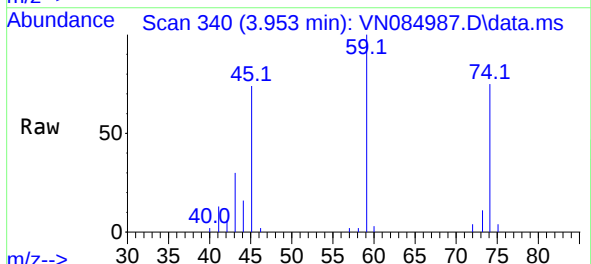
Instrument :  
MSVOA\_N  
ClientSampleId :

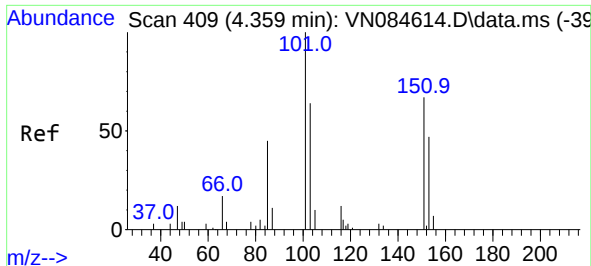
Tgt Ion:101 Resp: 72284  
Ion Ratio Lower Upper  
101 100  
103 63.8 50.1 75.1



#8  
Diethyl Ether  
Concen: 19.162 ug/l  
RT: 3.953 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 74 Resp: 24539  
Ion Ratio Lower Upper  
74 100  
45 95.9 19.8 178.4

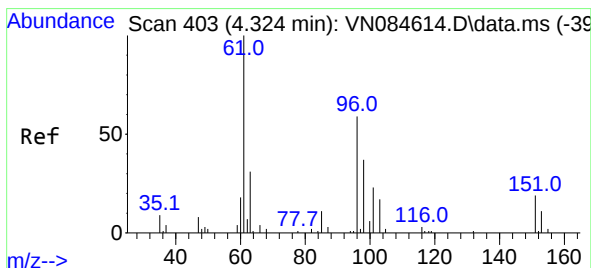
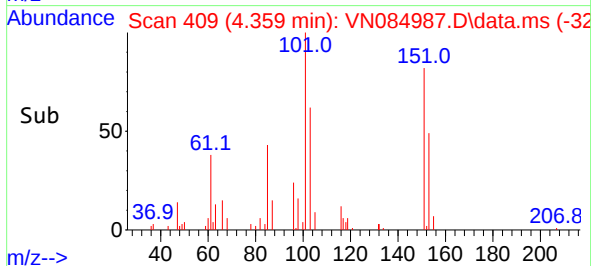
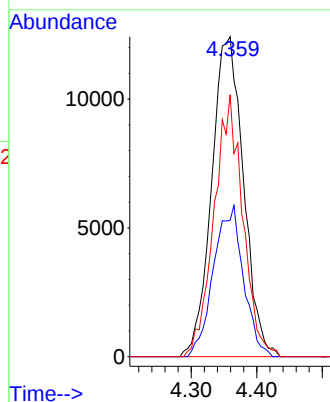
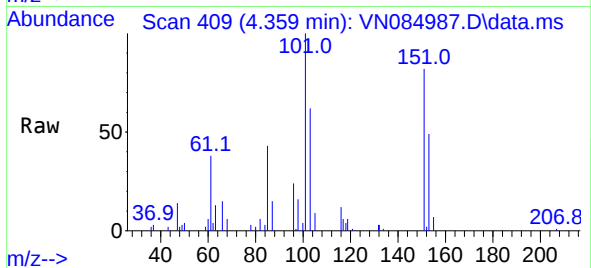




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.635 ug/l  
RT: 4.359 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

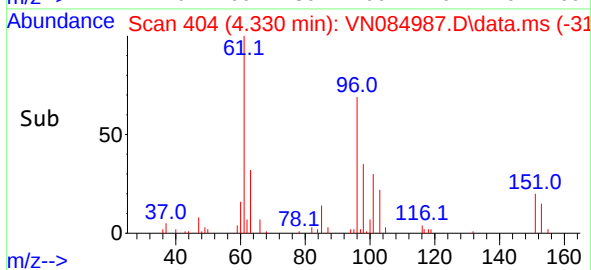
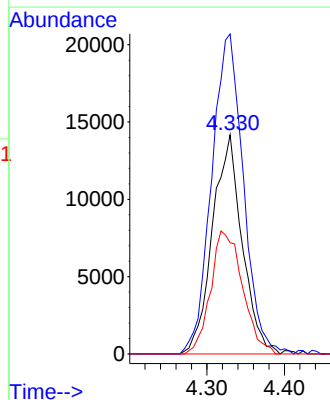
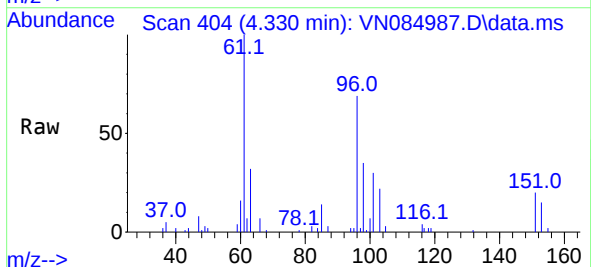
Instrument :  
MSVOA\_N  
ClientSampleId :

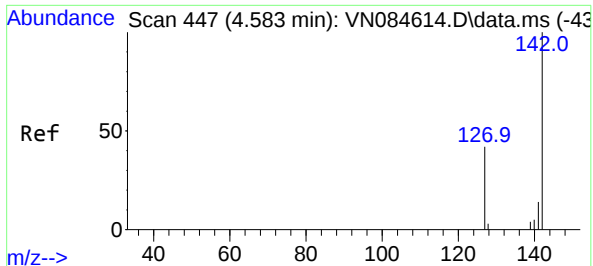
Tgt Ion:101 Resp: 41865  
Ion Ratio Lower Upper  
101 100  
85 21.9 0.0 89.6  
151 73.7 0.0 149.4



#10  
1,1-Dichloroethene  
Concen: 19.024 ug/l  
RT: 4.330 min Scan# 404  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

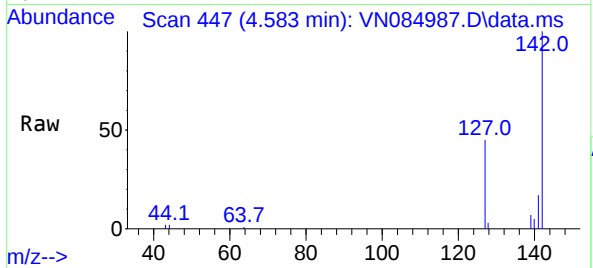
Tgt Ion: 96 Resp: 37691  
Ion Ratio Lower Upper  
96 100  
61 146.0 135.1 202.7  
98 50.7 50.4 75.6



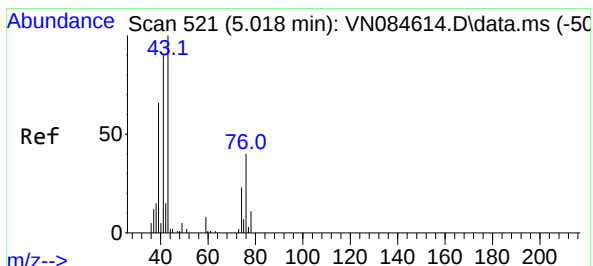
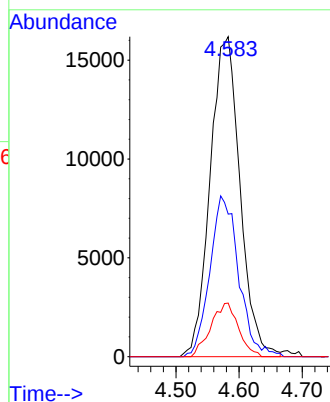
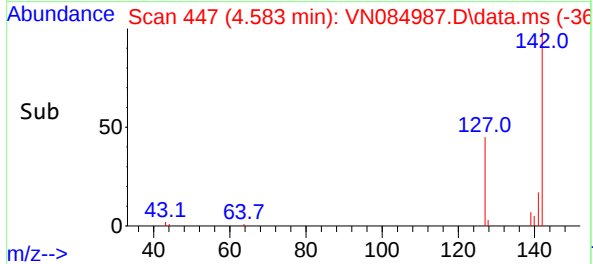


#11  
Methyl Iodide  
Concen: 19.533 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :

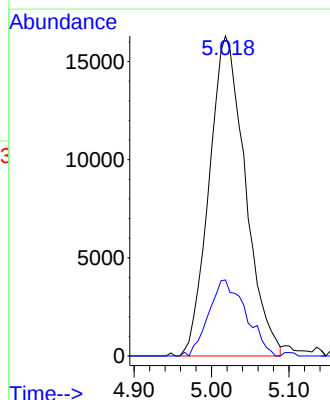
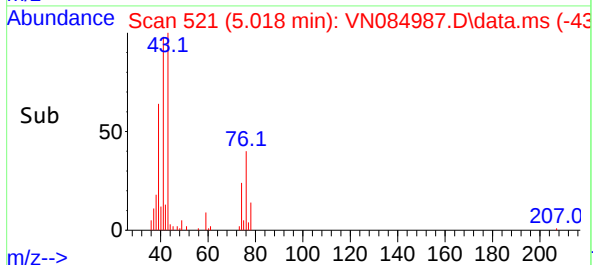
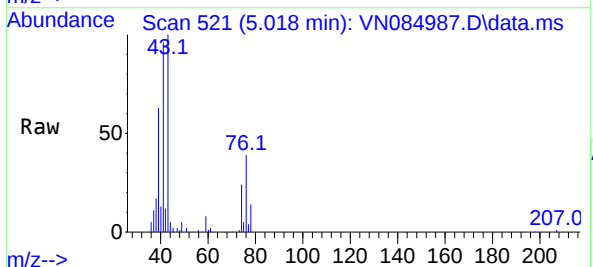


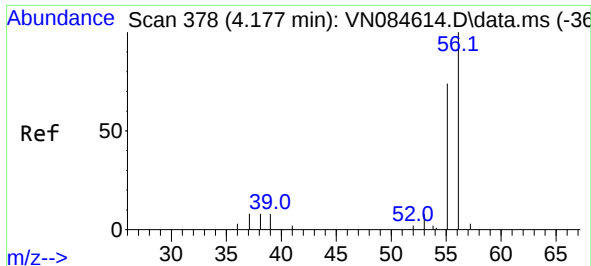
Tgt Ion:142 Resp: 53189  
Ion Ratio Lower Upper  
142 100  
127 44.3 20.3 60.9  
141 16.9 6.9 20.7



#12  
Methyl Acetate  
Concen: 17.106 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 43 Resp: 52828  
Ion Ratio Lower Upper  
43 100  
74 24.1 19.0 28.4





#13

Acrolein

Concen: 106.654 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA\_N

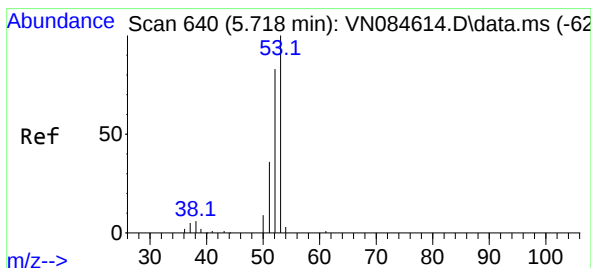
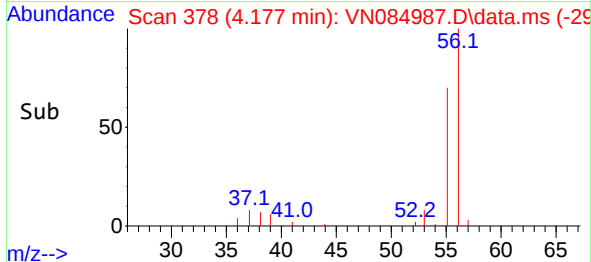
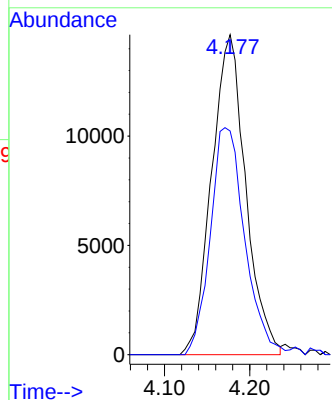
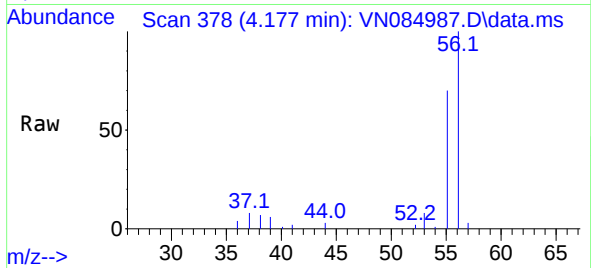
ClientSampleId :

Tgt Ion: 56 Resp: 40617

Ion Ratio Lower Upper

56 100

55 71.6 56.7 85.1



#14

Acrylonitrile

Concen: 97.839 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

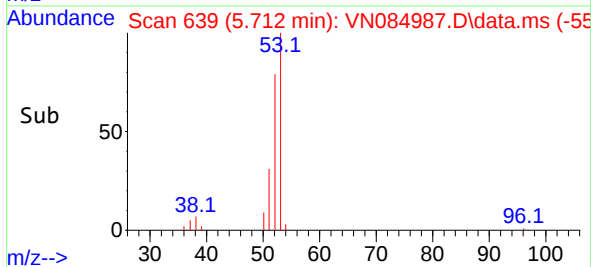
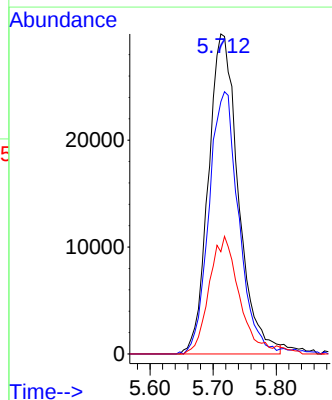
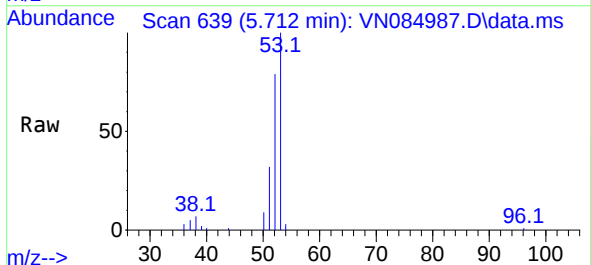
Tgt Ion: 53 Resp: 98846

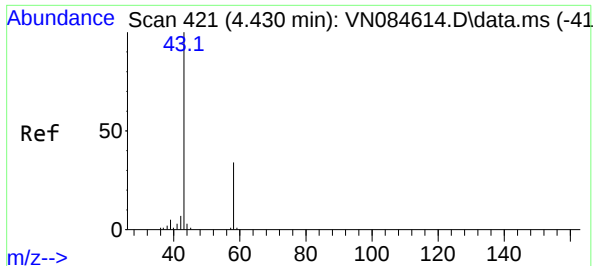
Ion Ratio Lower Upper

53 100

52 80.5 41.6 124.9

51 35.8 18.2 54.6





#15

Acetone

Concen: 98.698 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

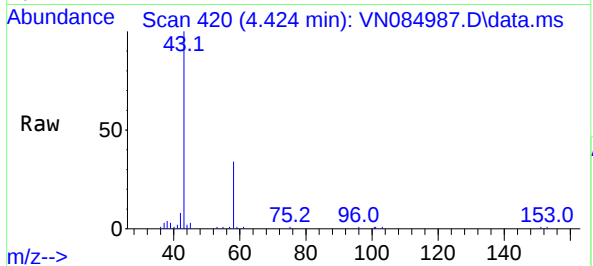
Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA\_N

ClientSampleId :

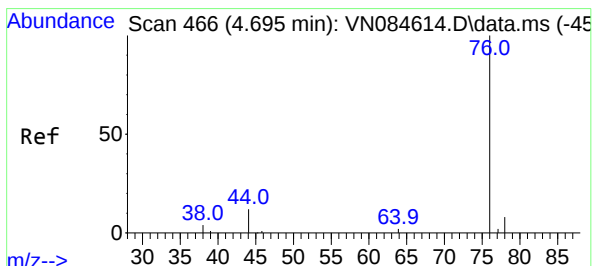
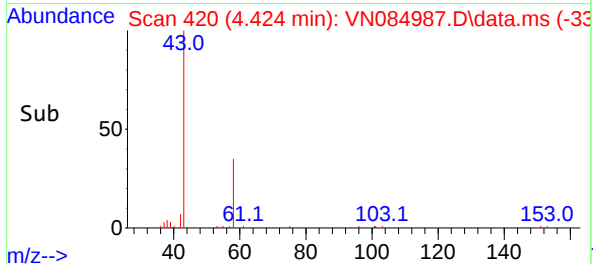
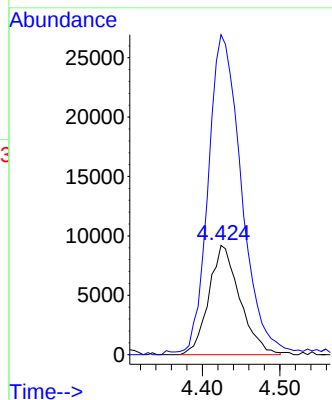


Tgt Ion: 58 Resp: 25621

Ion Ratio Lower Upper

58 100

43 289.7 233.0 349.6



#16

Carbon Disulfide

Concen: 17.876 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN084987.D

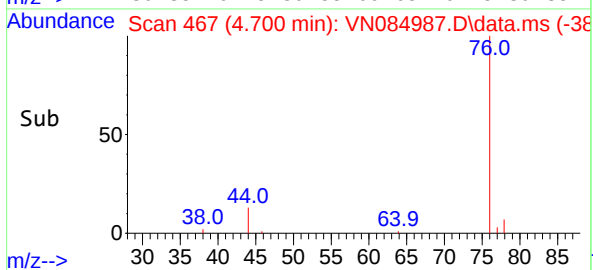
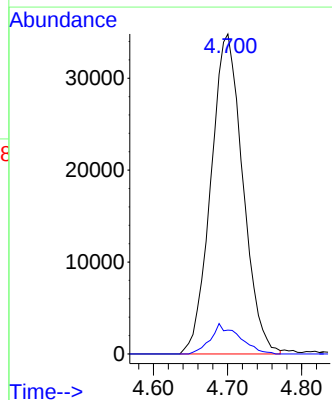
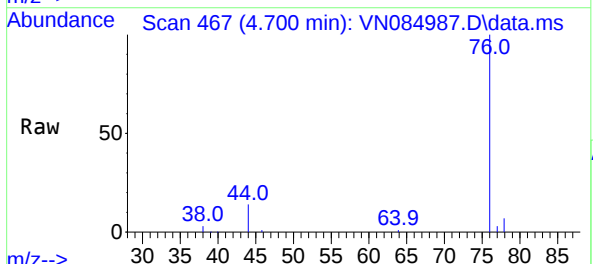
Acq: 21 Nov 2024 10:09

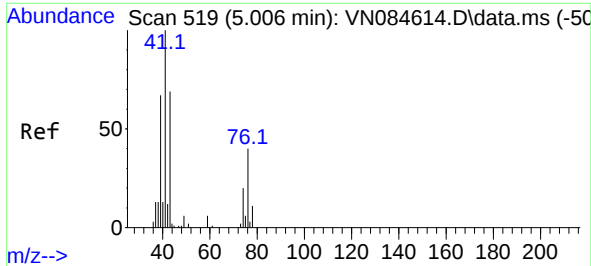
Tgt Ion: 76 Resp: 104210

Ion Ratio Lower Upper

76 100

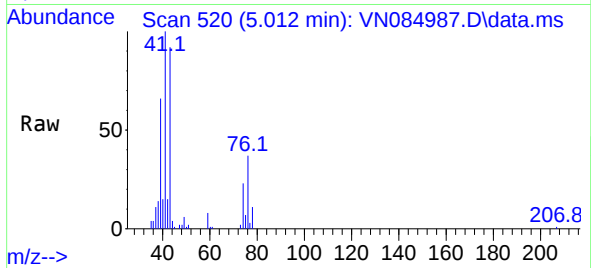
78 7.4 6.6 9.8



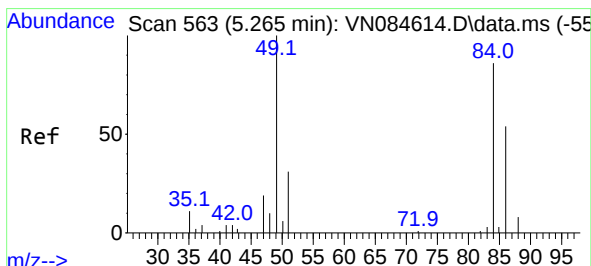
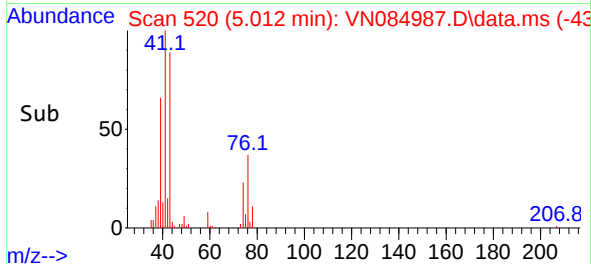
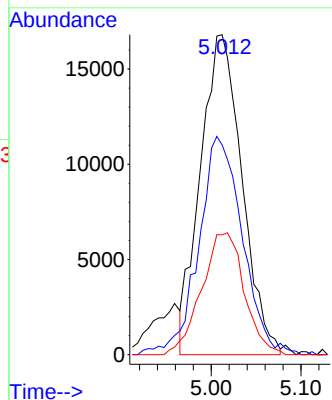


#17  
Allyl chloride  
Concen: 16.033 ug/l  
RT: 5.012 min Scan# 519  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :

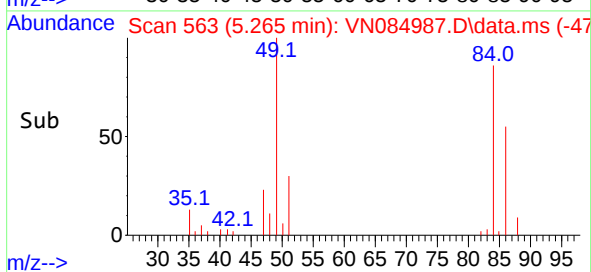
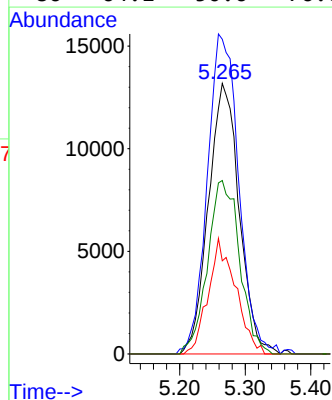
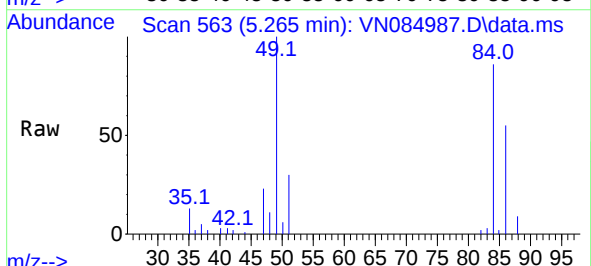


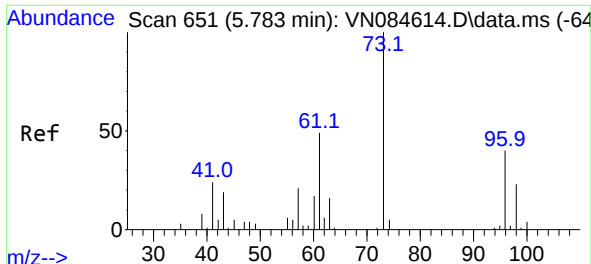
Tgt Ion: 41 Resp: 54126  
Ion Ratio Lower Upper  
41 100  
39 63.1 33.4 100.2  
76 37.0 20.2 60.6



#18  
Methylene Chloride  
Concen: 18.513 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

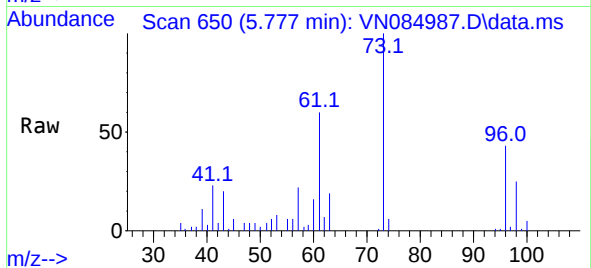
Tgt Ion: 84 Resp: 42981  
Ion Ratio Lower Upper  
84 100  
49 116.3 93.0 139.6  
51 34.4 28.9 43.3  
86 64.1 50.6 76.0



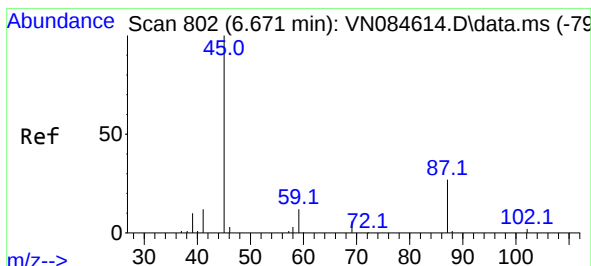
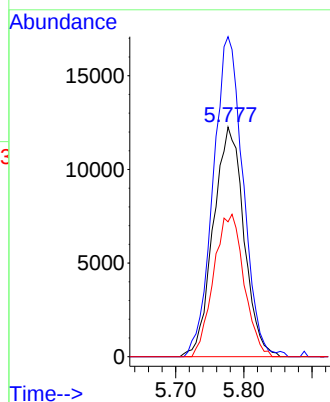
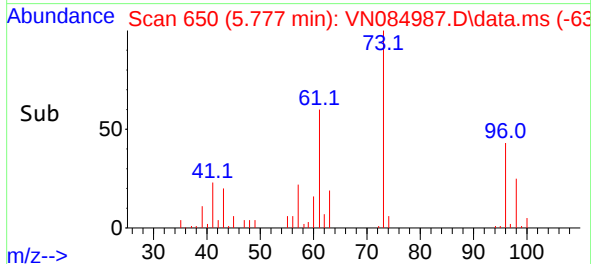


#19  
trans-1,2-Dichloroethene  
Concen: 18.454 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :

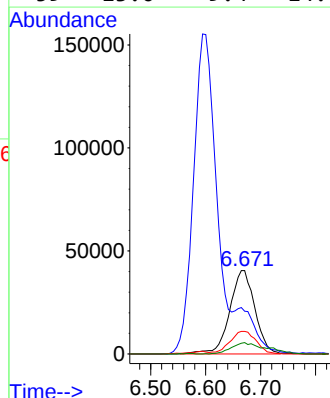
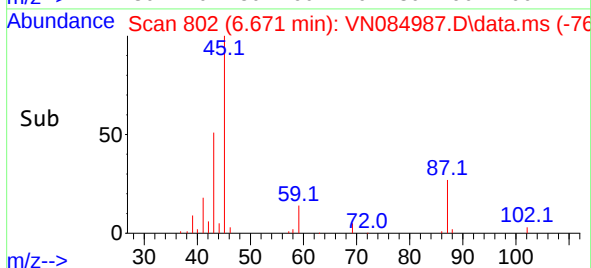
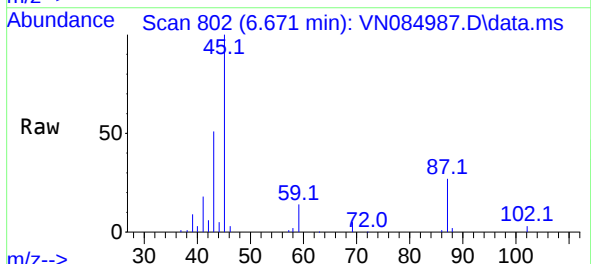


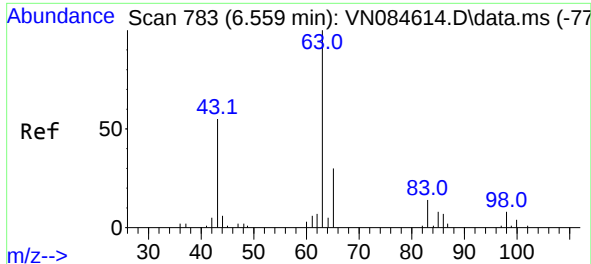
Tgt Ion: 96 Resp: 38322  
Ion Ratio Lower Upper  
96 100  
61 139.3 98.1 147.1  
98 58.7 46.6 69.8



#20  
Diisopropyl ether  
Concen: 19.044 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 45 Resp: 128701  
Ion Ratio Lower Upper  
45 100  
43 48.5 42.6 64.0  
87 26.7 23.0 34.4  
59 13.0 9.4 14.0

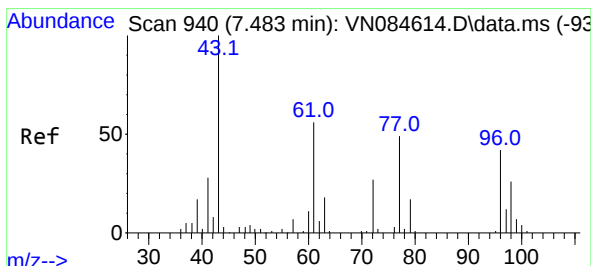
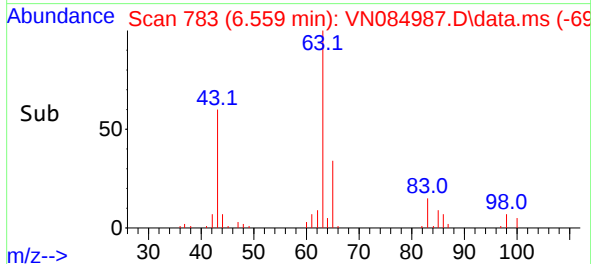
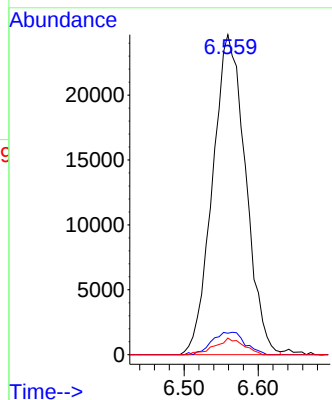
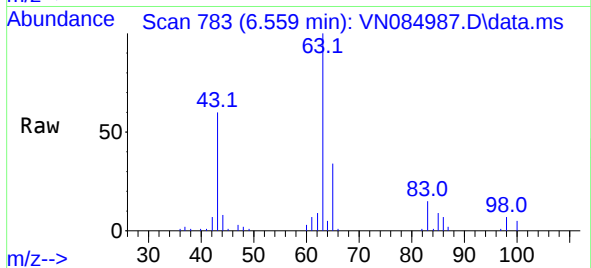




#21  
1,1-Dichloroethane  
Concen: 18.768 ug/l  
RT: 6.559 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

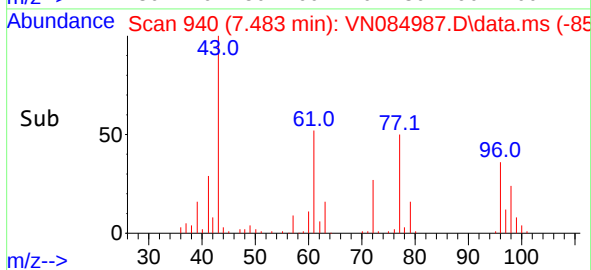
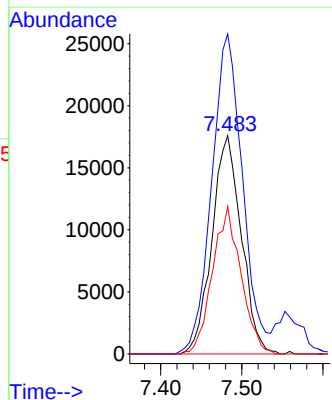
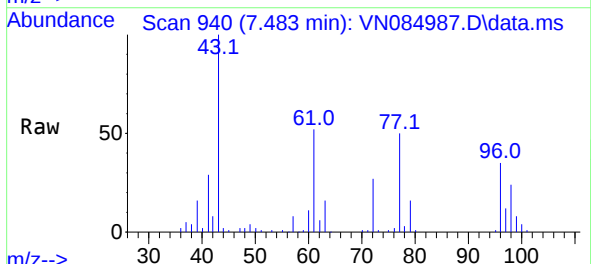
Instrument :  
MSVOA\_N  
ClientSampleId :

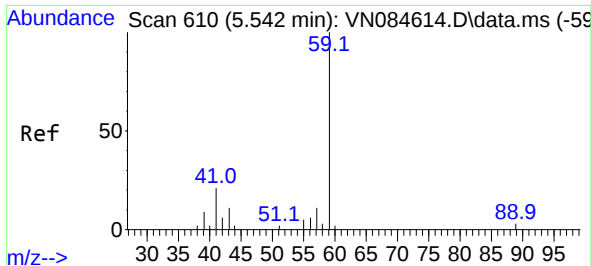
Tgt Ion: 63 Resp: 76278  
Ion Ratio Lower Upper  
63 100  
98 6.7 3.8 11.4  
100 5.2 1.9 5.7



#22  
cis-1,2-Dichloroethene  
Concen: 17.832 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 96 Resp: 44210  
Ion Ratio Lower Upper  
96 100  
61 154.1 121.8 182.8  
98 65.5 53.2 79.8

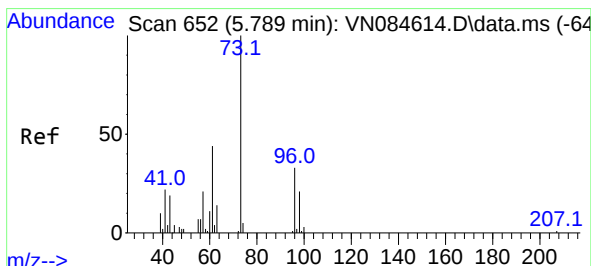
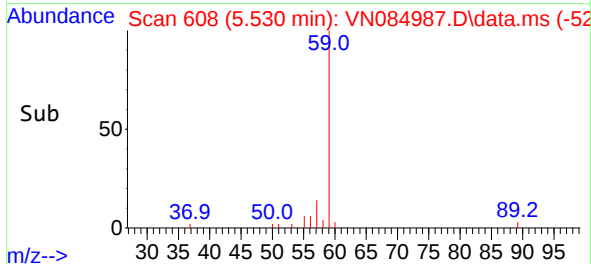
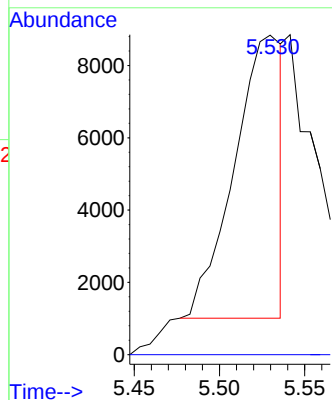
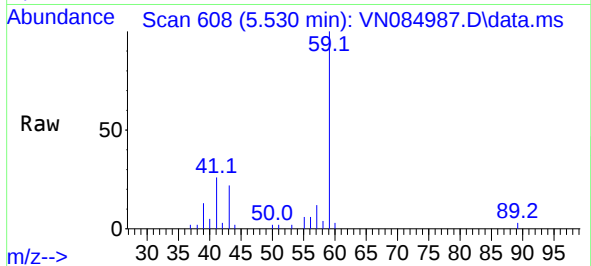




#23  
tert-Butyl Alcohol  
Concen: 43.379 ug/l  
RT: 5.530 min Scan# 608  
Delta R.T. -0.012 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

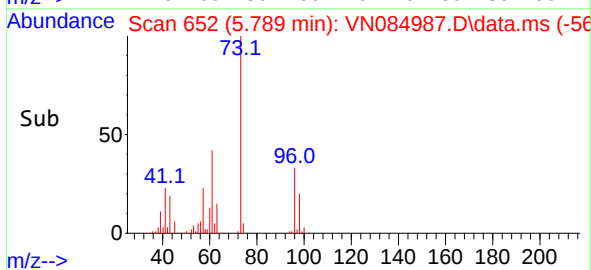
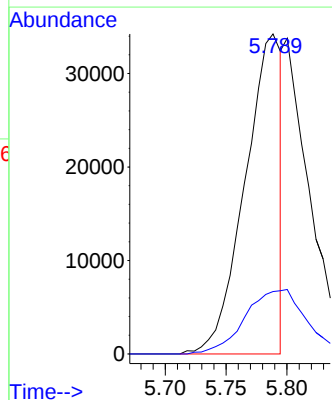
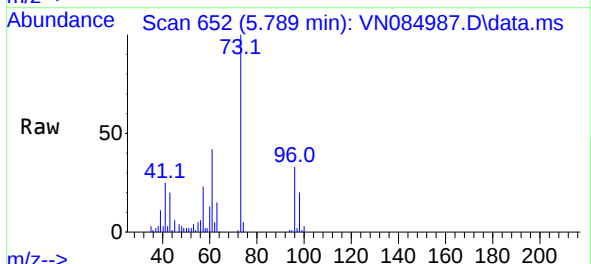
Instrument :  
MSVOA\_N  
ClientSampleId :

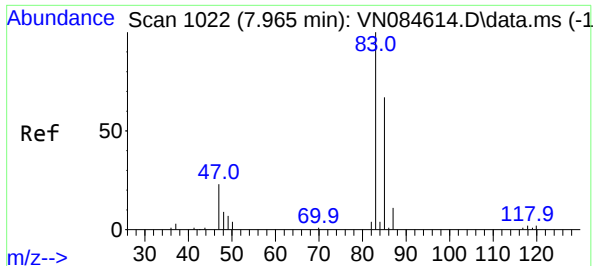
Tgt Ion: 59 Resp: 15300  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 11.100 ug/l  
RT: 5.789 min Scan# 652  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 73 Resp: 71120  
Ion Ratio Lower Upper  
73 100  
43 34.0 16.5 24.7#





#25

Chloroform

Concen: 19.164 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA\_N

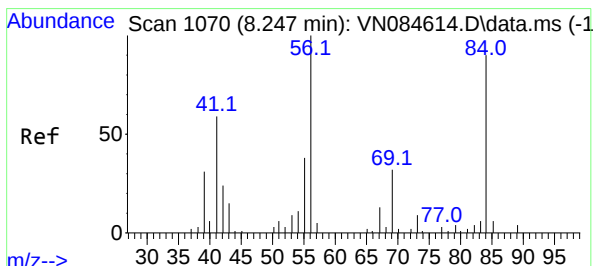
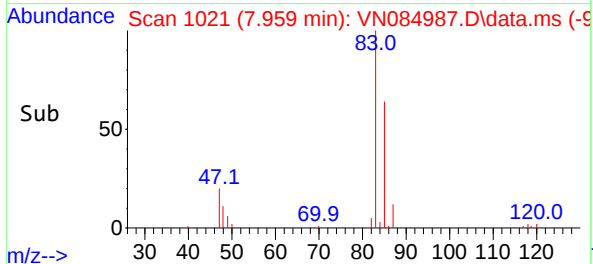
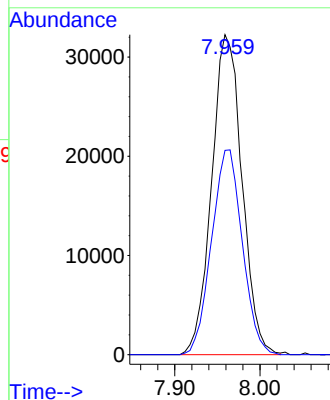
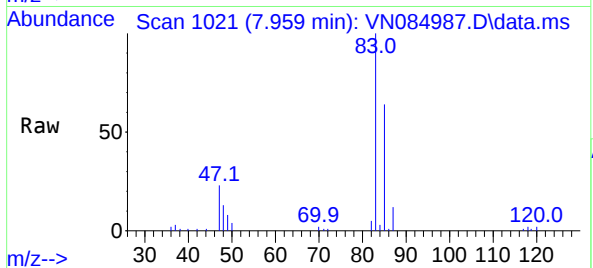
ClientSampleId :

Tgt Ion: 83 Resp: 79800

Ion Ratio Lower Upper

83 100

85 63.8 53.4 80.2



#26

Cyclohexane

Concen: 19.921 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

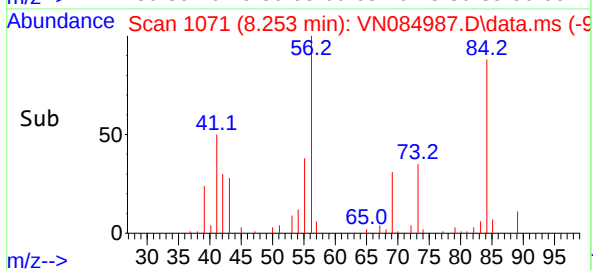
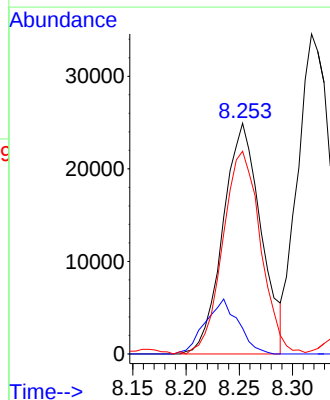
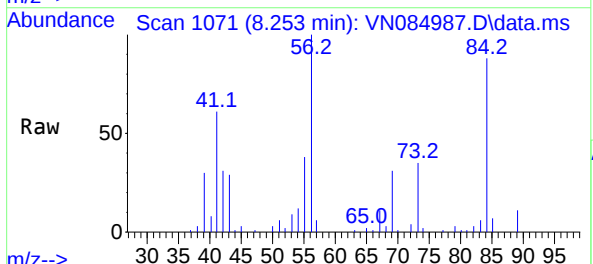
Tgt Ion: 56 Resp: 61846

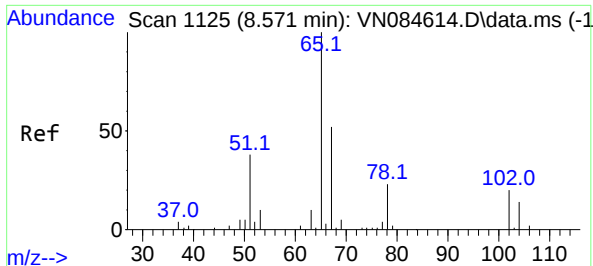
Ion Ratio Lower Upper

56 100

89 20.8 3.0 4.4#

84 87.4 70.6 106.0

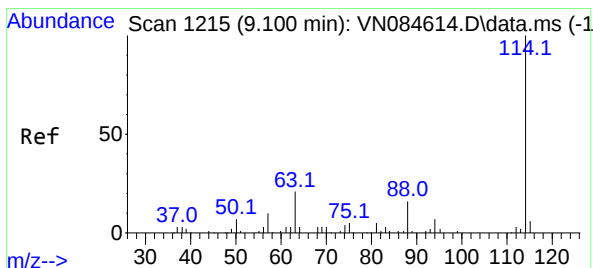
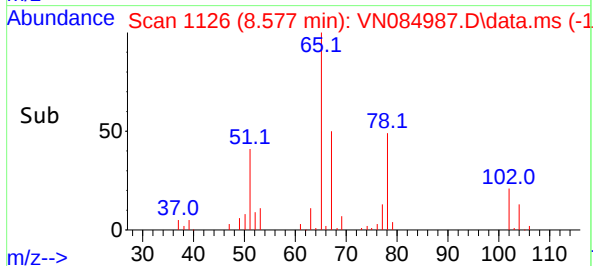
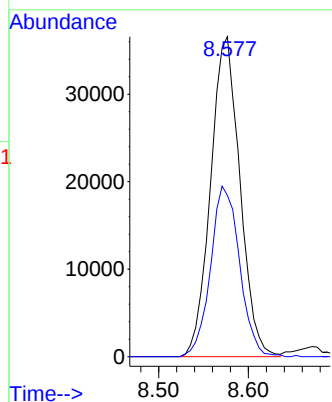
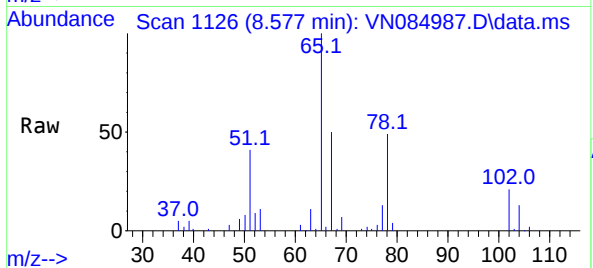




#27  
1,2-Dichloroethane-d4  
Concen: 30.357 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

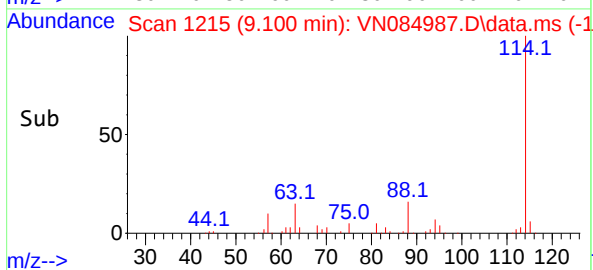
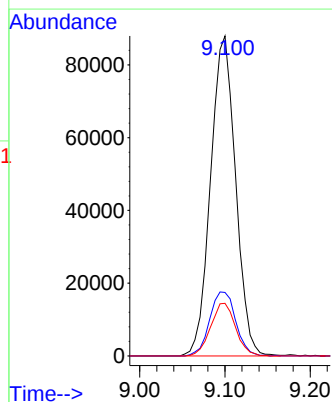
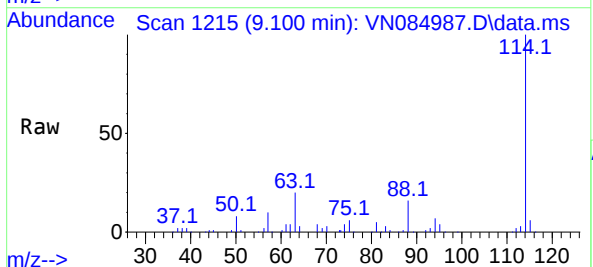
Instrument :  
MSVOA\_N  
ClientSampleId :

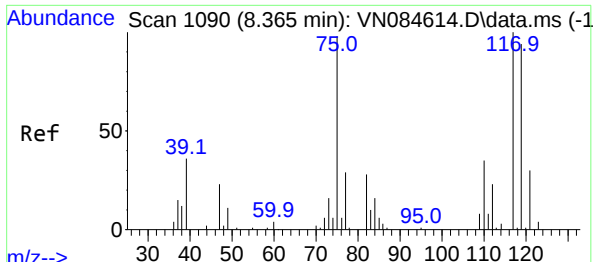
Tgt Ion: 65 Resp: 82968  
Ion Ratio Lower Upper  
65 100  
67 52.7 40.7 61.1



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 114 Resp: 179355  
Ion Ratio Lower Upper  
114 100  
63 20.8 16.8 25.2  
88 16.4 12.9 19.3

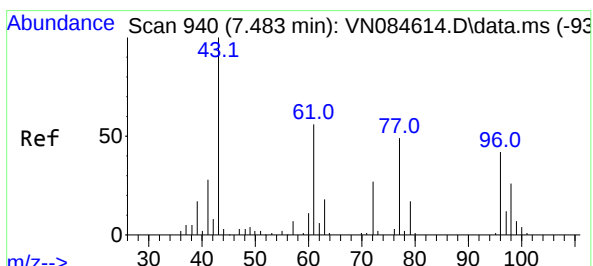
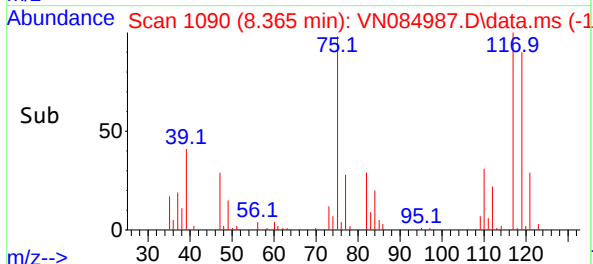
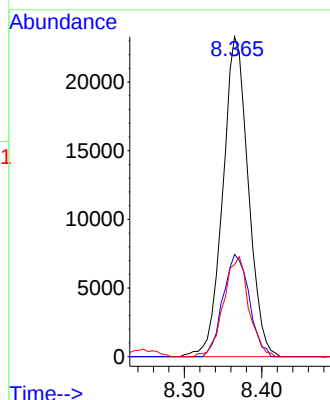
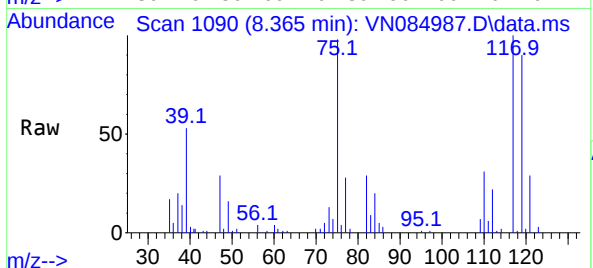




#29  
1,1-Dichloropropene  
Concen: 19.686 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

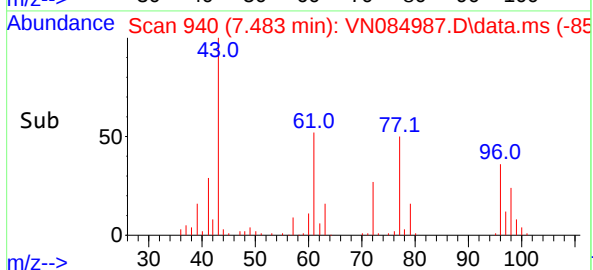
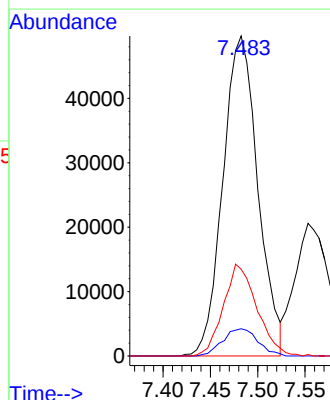
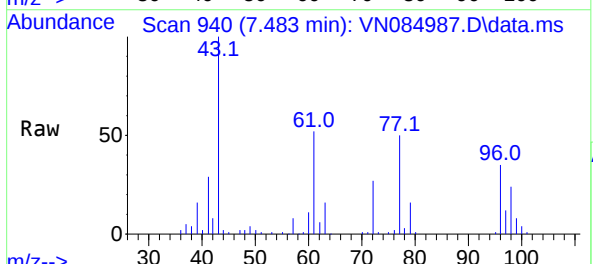
Instrument :  
MSVOA\_N  
ClientSampleId :

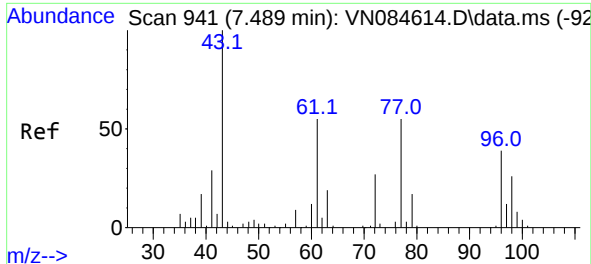
Tgt Ion: 75 Resp: 53180  
Ion Ratio Lower Upper  
75 100  
110 32.8 0.0 69.4  
77 30.7 0.0 62.0



#30  
2-Butanone  
Concen: 102.552 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 43 Resp: 127794  
Ion Ratio Lower Upper  
43 100  
57 8.5 6.2 9.4  
72 27.3 21.5 32.3

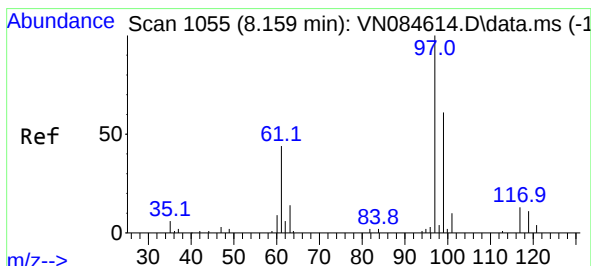
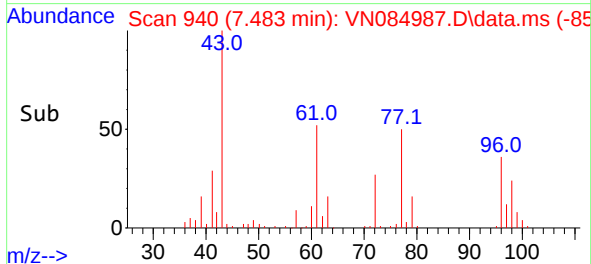
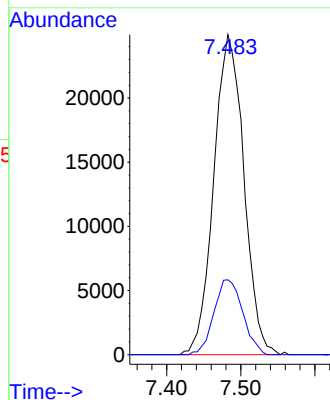
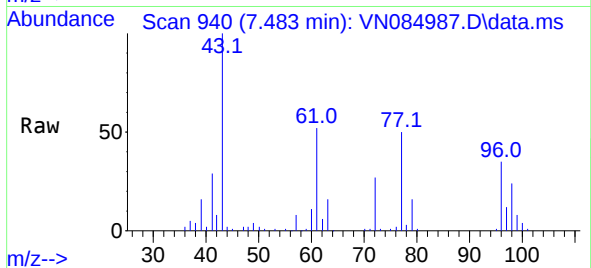




#31  
2,2-Dichloropropane  
Concen: 21.316 ug/l  
RT: 7.483 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

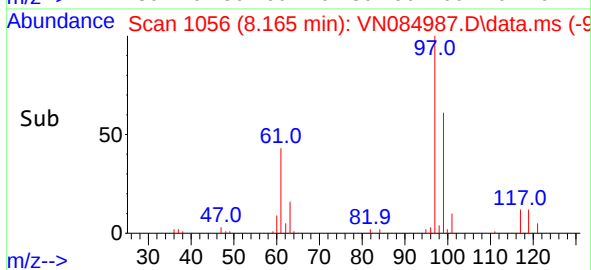
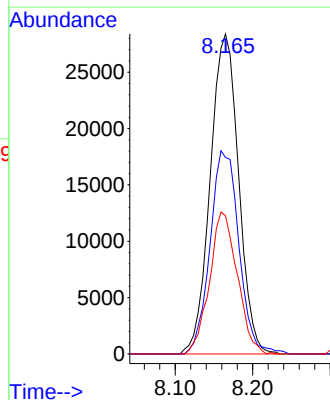
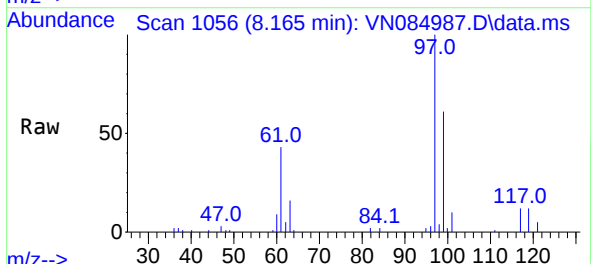
Instrument :  
MSVOA\_N  
ClientSampleId :

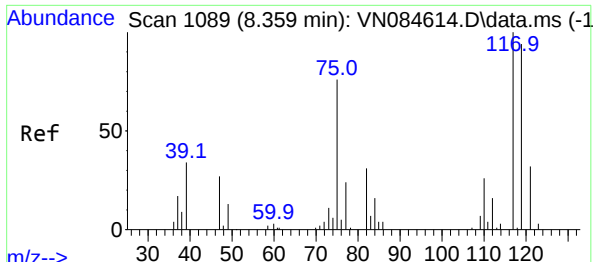
Tgt Ion: 77 Resp: 70292  
Ion Ratio Lower Upper  
77 100  
97 22.4 17.4 26.2



#32  
1,1,1-Trichloroethane  
Concen: 19.678 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

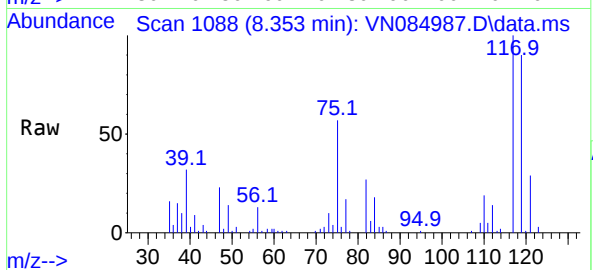
Tgt Ion: 97 Resp: 72219  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.6 77.4  
61 43.4 34.2 51.4



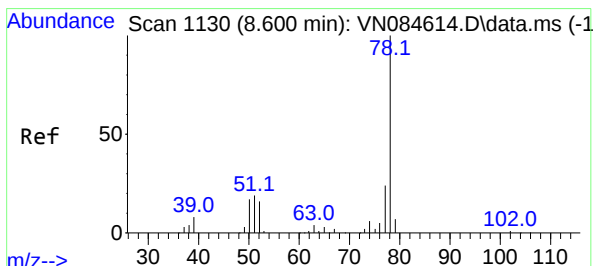
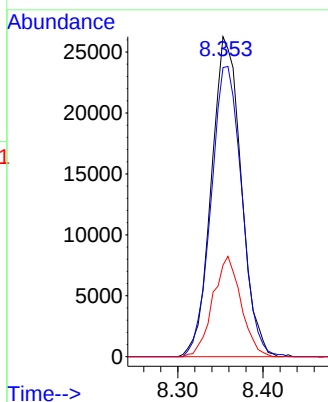
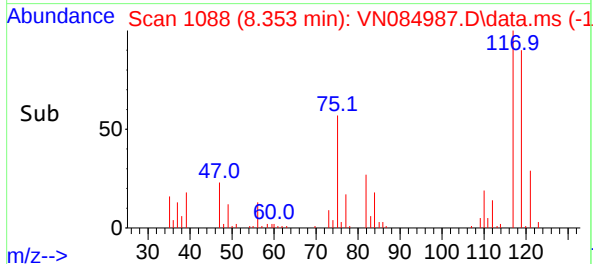


#33  
Carbon Tetrachloride  
Concen: 20.382 ug/l  
RT: 8.353 min Scan# 1108  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

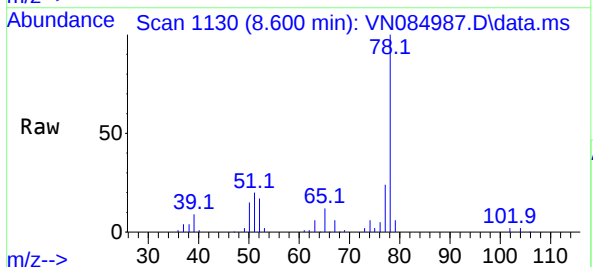
Instrument :  
MSVOA\_N  
ClientSampleId :



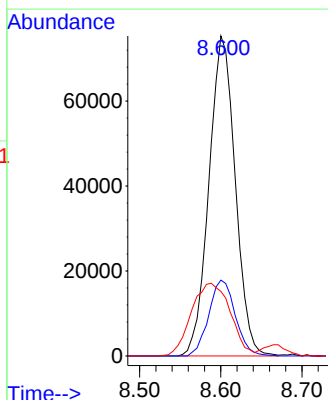
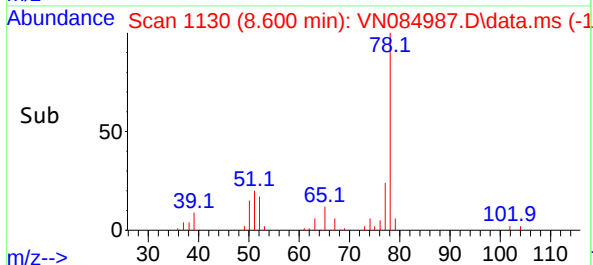
Tgt Ion:117 Resp: 63830  
Ion Ratio Lower Upper  
117 100  
119 90.3 75.7 113.5  
121 28.6 25.4 38.0

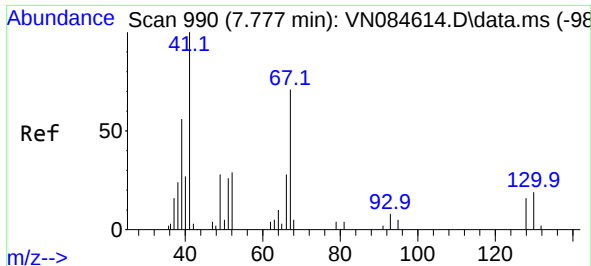


#34  
Benzene  
Concen: 18.985 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09



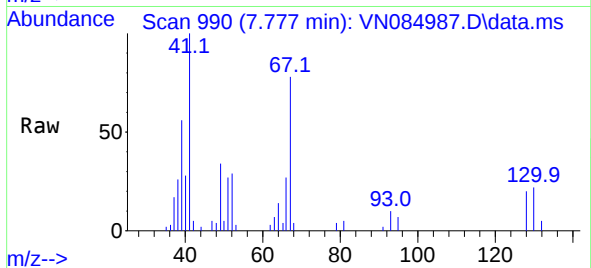
Tgt Ion: 78 Resp: 169523  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.3 28.9  
51 16.9 16.1 24.1





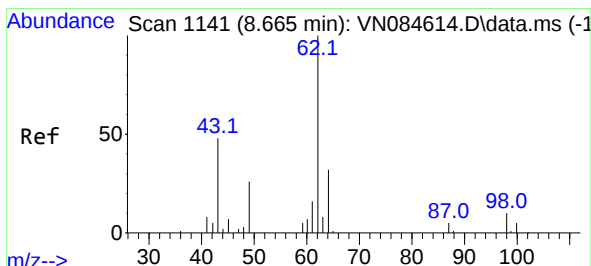
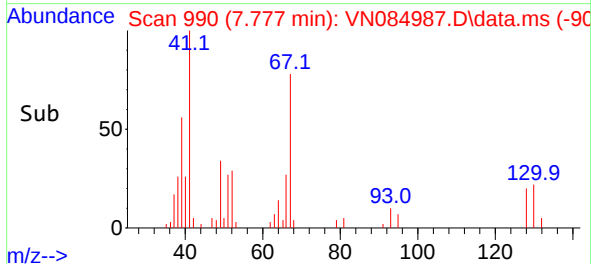
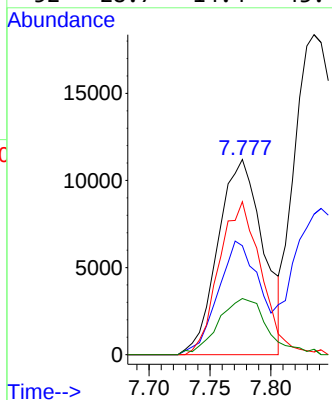
#35  
Methacrylonitrile  
Concen: 19.629 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 41 Resp: 28991

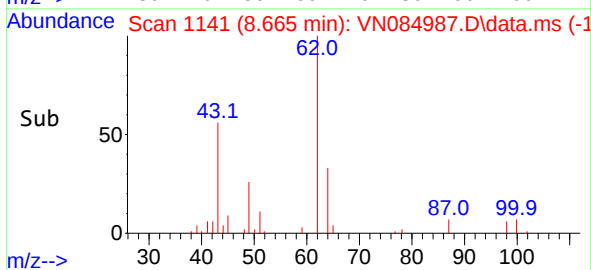
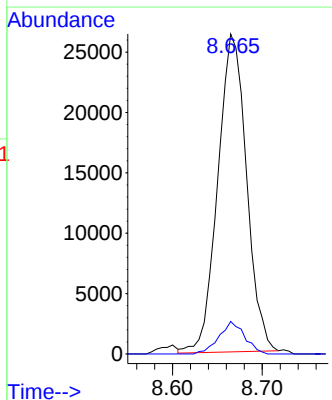
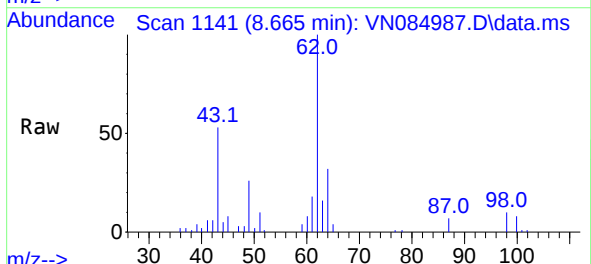
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.8  | 28.2  | 84.6  |
| 67  | 78.3  | 35.6  | 106.8 |
| 52  | 28.7  | 14.4  | 43.4  |

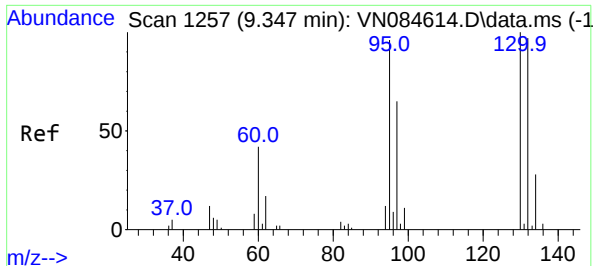


#36  
1,2-Dichloroethane  
Concen: 19.732 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 62 Resp: 58594

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.1   | 7.8   | 11.6  |

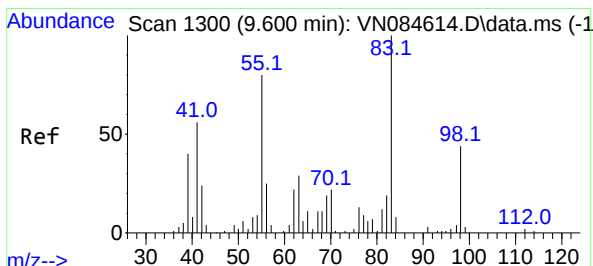
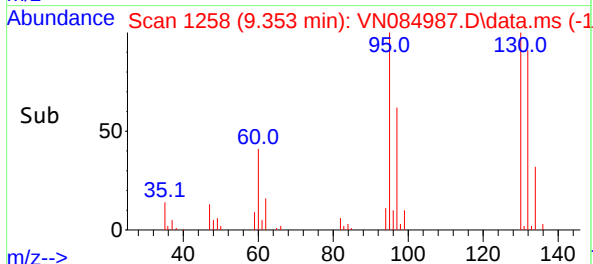
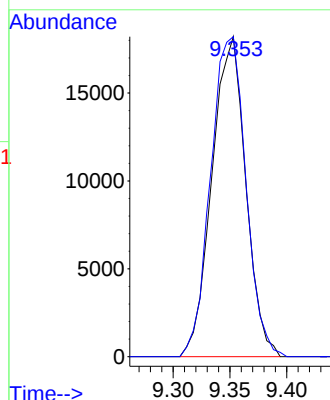
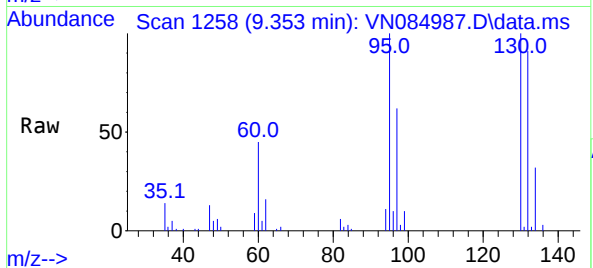




#37  
Trichloroethene  
Concen: 18.691 ug/l  
RT: 9.353 min Scan# 1298  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

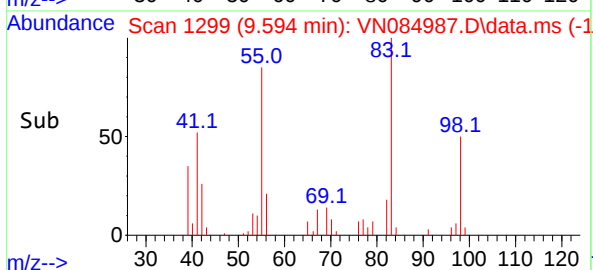
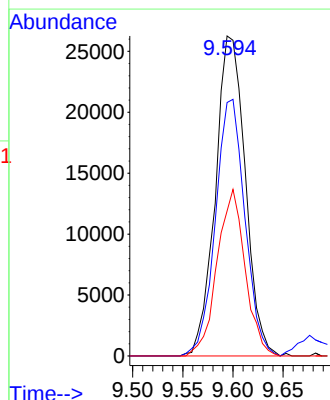
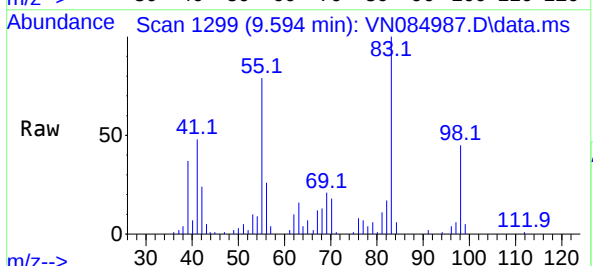
Instrument :  
MSVOA\_N  
ClientSampleId :

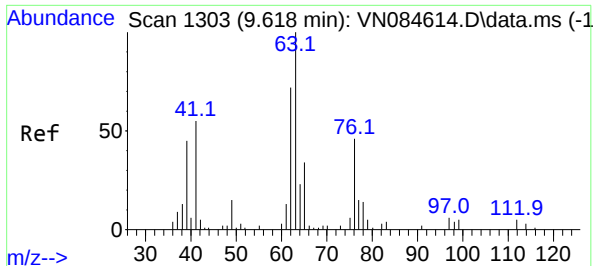
Tgt Ion:130 Resp: 37651  
Ion Ratio Lower Upper  
130 100  
95 100.0 76.6 115.0



#38  
Methylcyclohexane  
Concen: 18.714 ug/l  
RT: 9.594 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 83 Resp: 54424  
Ion Ratio Lower Upper  
83 100  
55 79.1 39.6 118.8  
98 48.8 23.2 69.5

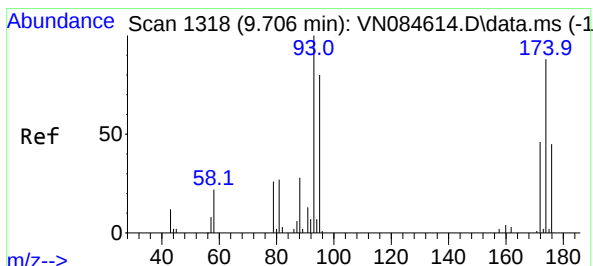
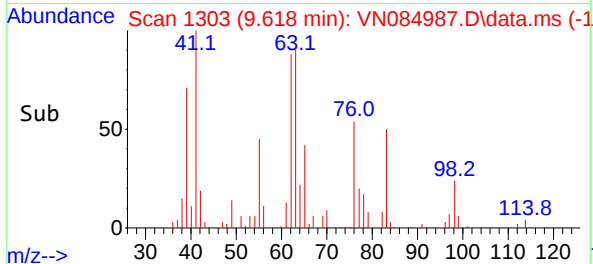
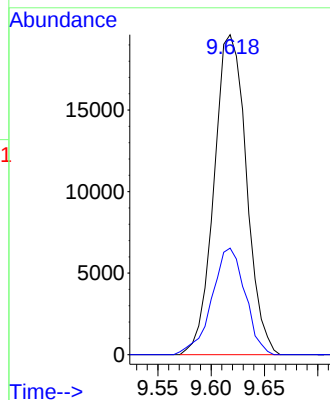
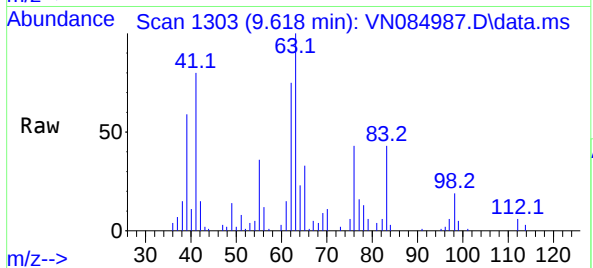




#39  
1,2-Dichloropropane  
Concen: 19.290 ug/l  
RT: 9.618 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

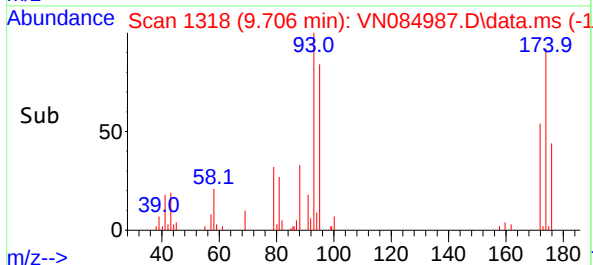
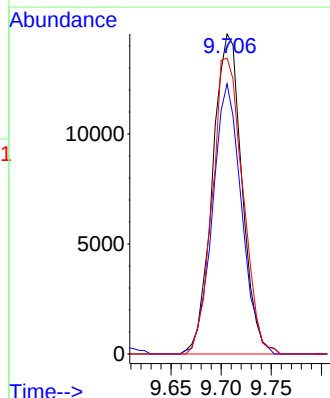
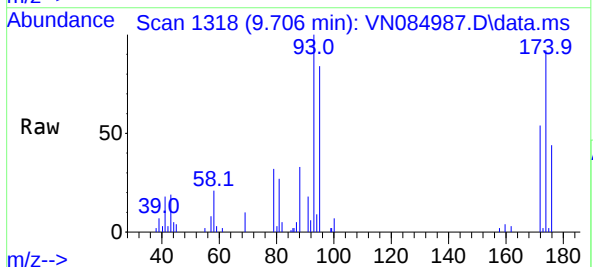
Instrument :  
MSVOA\_N  
ClientSampleId :

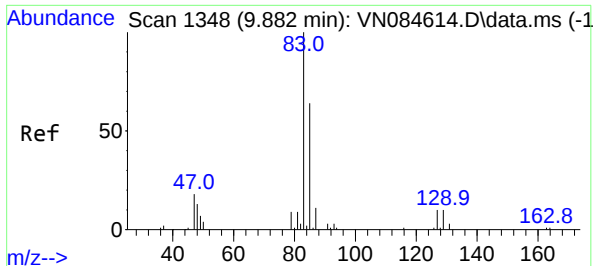
Tgt Ion: 63 Resp: 41464  
Ion Ratio Lower Upper  
63 100  
65 33.3 27.8 41.8



#40  
Dibromomethane  
Concen: 19.716 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 93 Resp: 29647  
Ion Ratio Lower Upper  
93 100  
95 83.0 0.0 168.4  
174 95.5 0.0 183.4

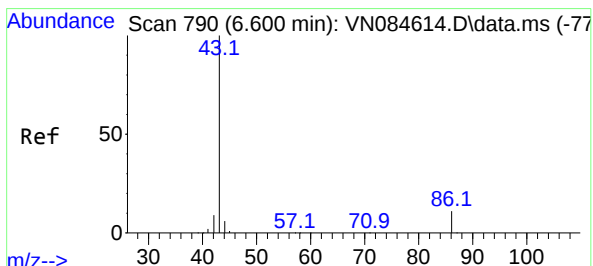
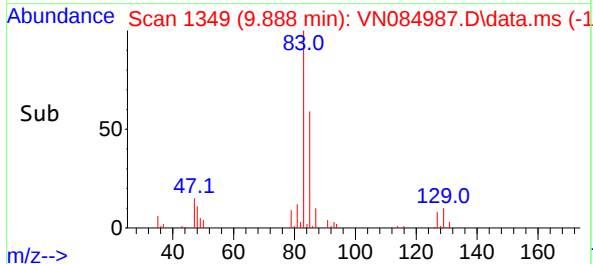
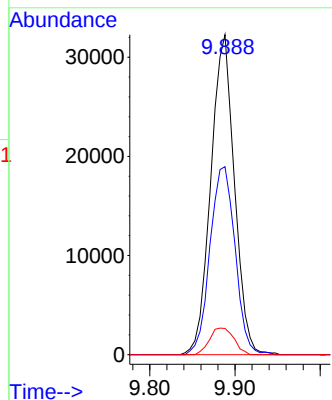
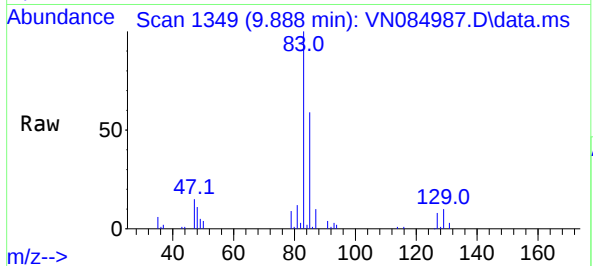




#41  
Bromodichloromethane  
Concen: 19.291 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

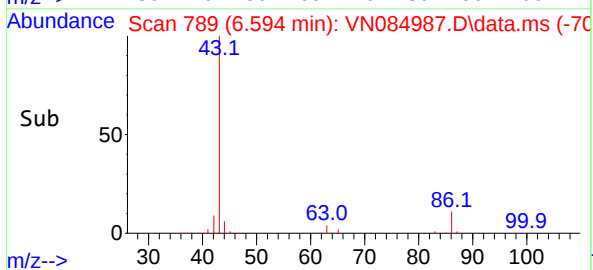
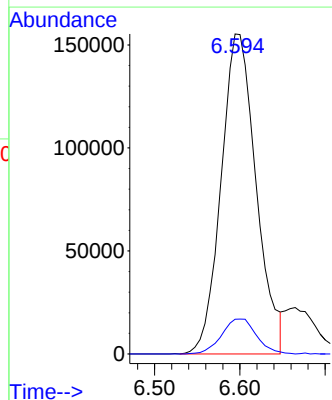
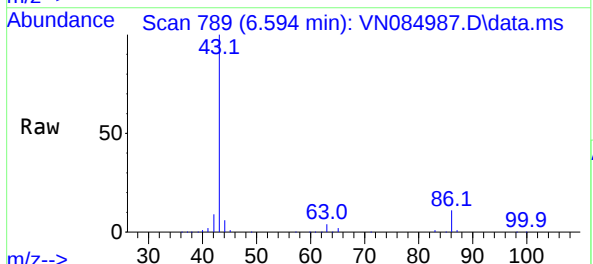
Instrument :  
MSVOA\_N  
ClientSampleId :

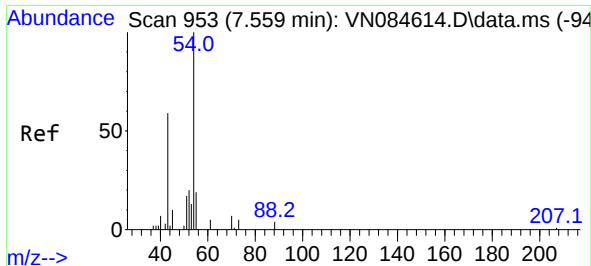
Tgt Ion: 83 Resp: 62187  
Ion Ratio Lower Upper  
83 100  
85 58.8 51.0 76.6  
127 8.2 7.8 11.6



#42  
Vinyl Acetate  
Concen: 95.413 ug/l  
RT: 6.594 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

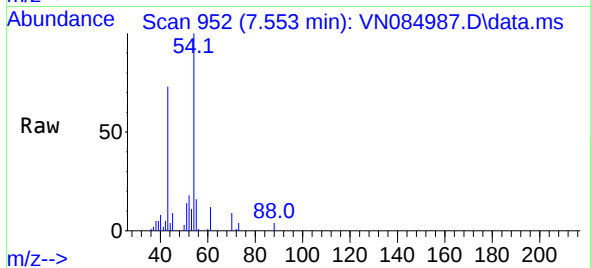
Tgt Ion: 43 Resp: 444423  
Ion Ratio Lower Upper  
43 100  
86 10.9 8.6 13.0



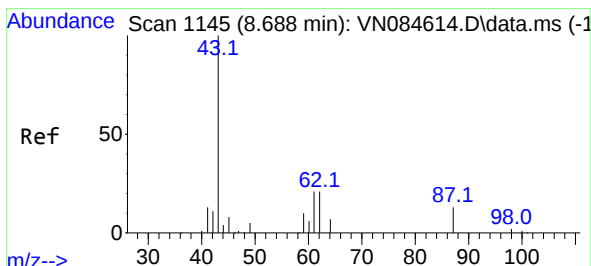
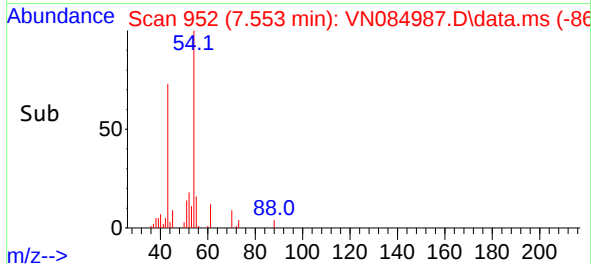
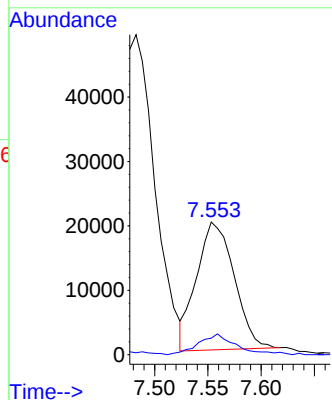


#43  
Ethyl Acetate  
Concen: 18.577 ug/l  
RT: 7.553 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :

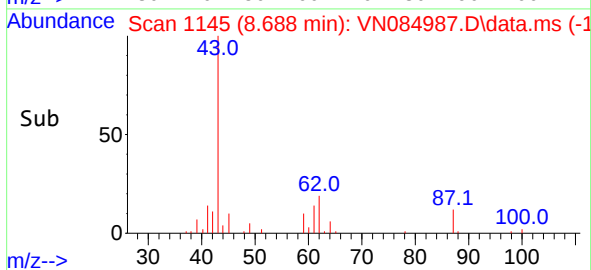
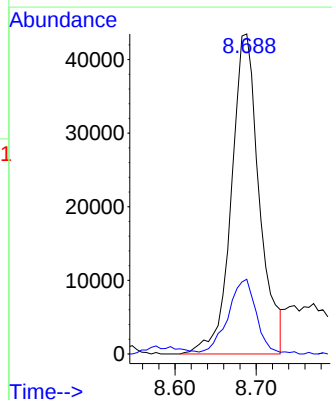
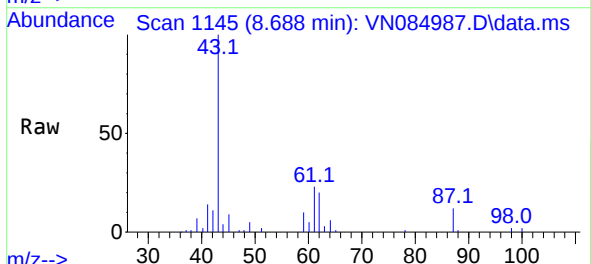


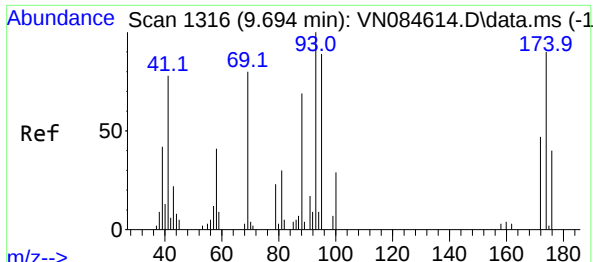
Tgt Ion: 43 Resp: 48642  
Ion Ratio Lower Upper  
43 100  
45 15.2 11.0 16.4



#44  
Isopropyl Acetate  
Concen: 19.652 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

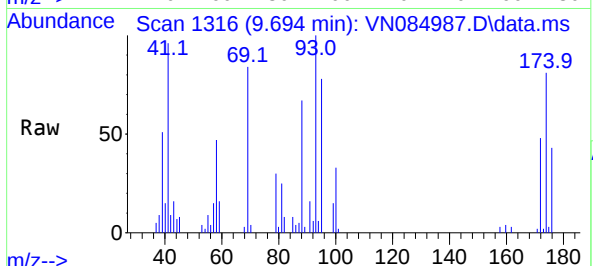
Tgt Ion: 43 Resp: 104200  
Ion Ratio Lower Upper  
43 100  
61 23.6 19.8 29.8



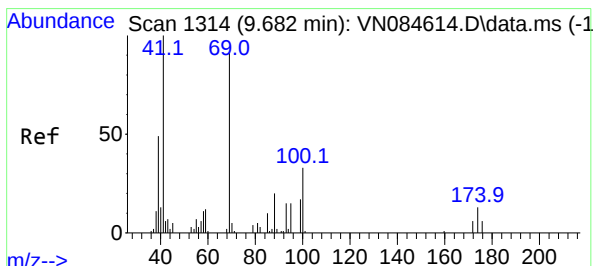
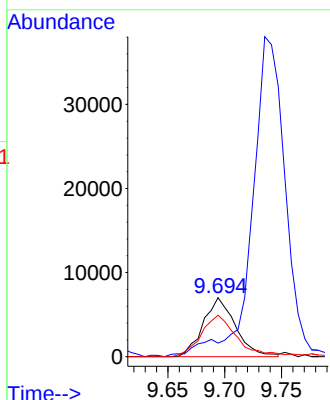
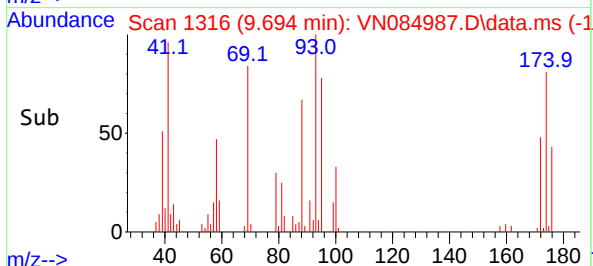


#45  
1,4-Dioxane  
Concen: 391.521 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :

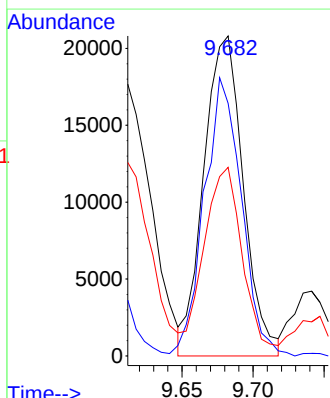
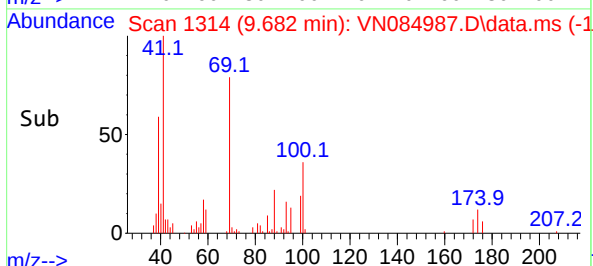
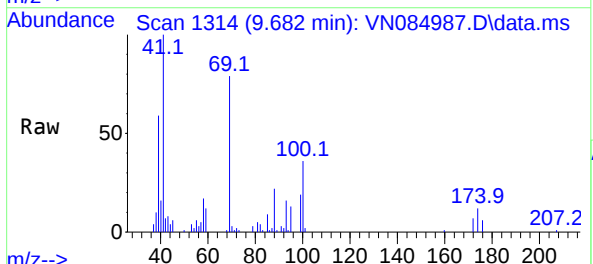


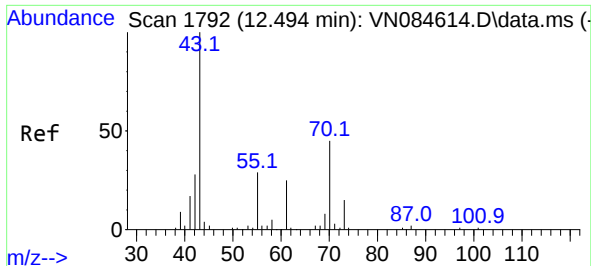
Tgt Ion: 88 Resp: 13859  
Ion Ratio Lower Upper  
88 100  
43 20.2 20.8 31.2#  
58 77.3 53.4 80.2



#46  
Methyl methacrylate  
Concen: 18.914 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 41 Resp: 40301  
Ion Ratio Lower Upper  
41 100  
69 81.8 43.4 130.2  
39 58.9 24.7 74.1

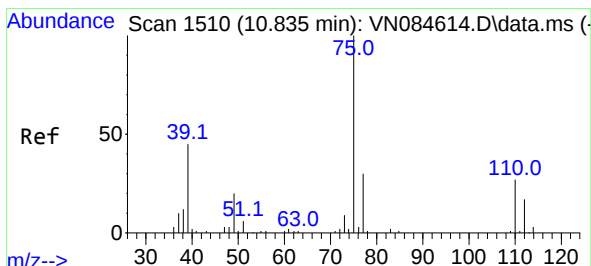
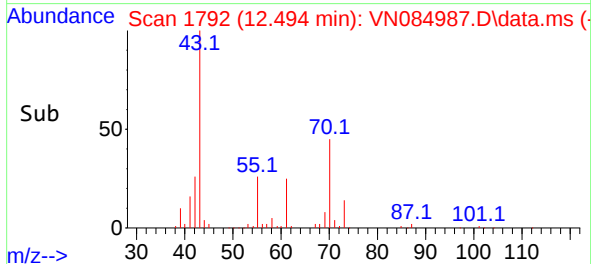
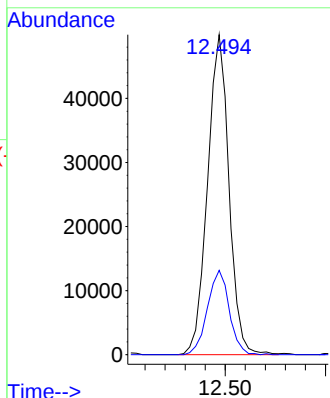
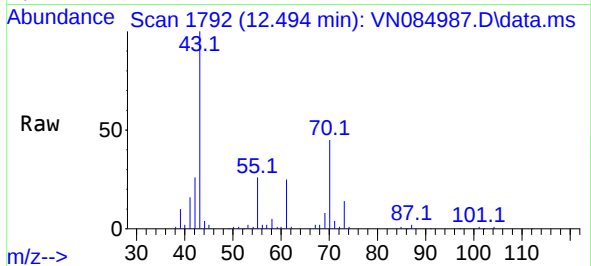




#47  
n-amyl acetate  
Concen: 18.723 ug/l  
RT: 12.494 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

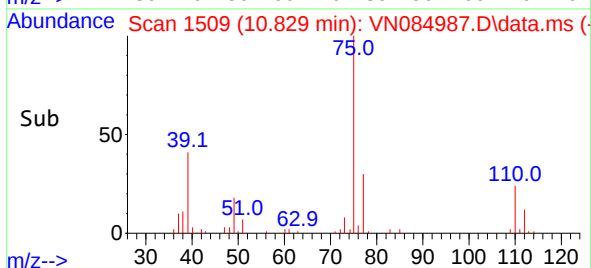
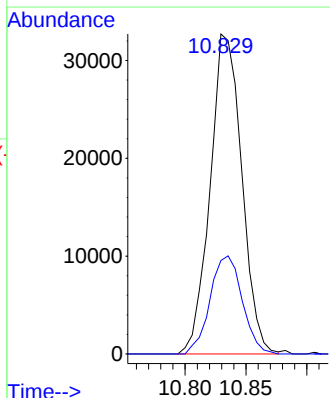
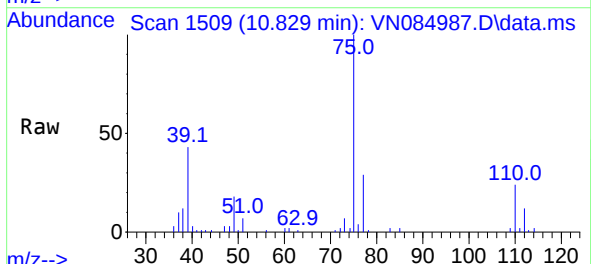
Instrument :  
MSVOA\_N  
ClientSampleId :

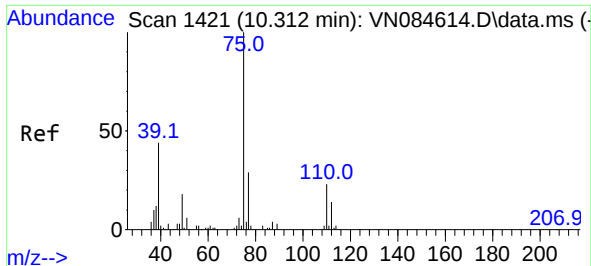
Tgt Ion: 43 Resp: 74142  
Ion Ratio Lower Upper  
43 100  
55 26.8 22.0 33.0



#48  
t-1,3-Dichloropropene  
Concen: 18.552 ug/l  
RT: 10.829 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

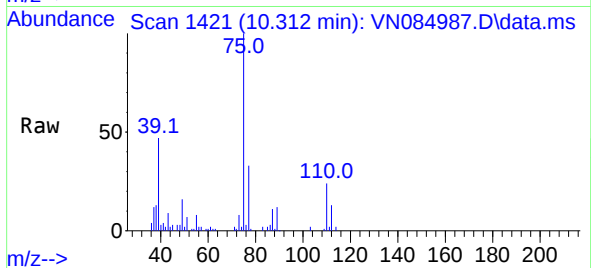
Tgt Ion: 75 Resp: 59053  
Ion Ratio Lower Upper  
75 100  
77 29.2 24.4 36.6



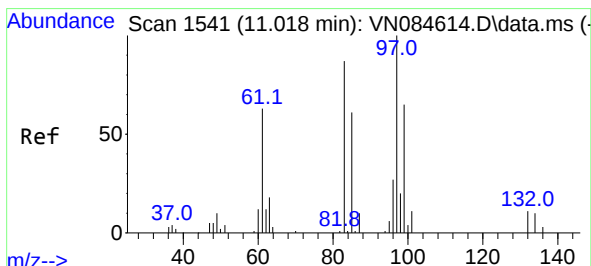
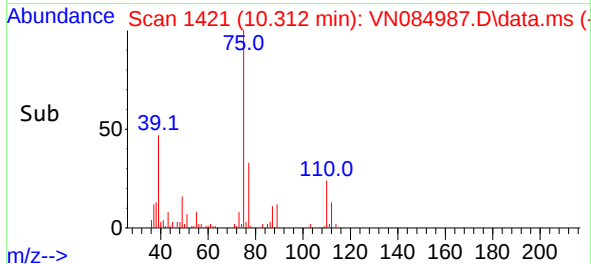
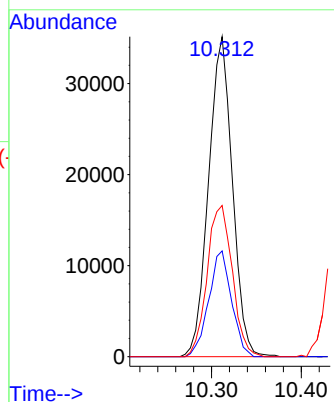


#49  
cis-1,3-Dichloropropene  
Concen: 18.989 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :

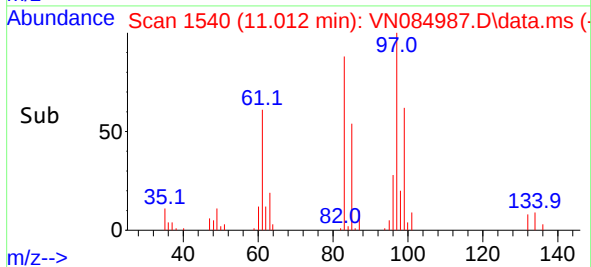
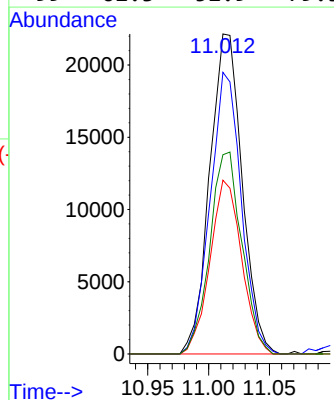
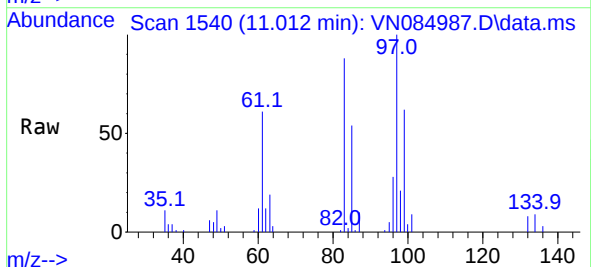


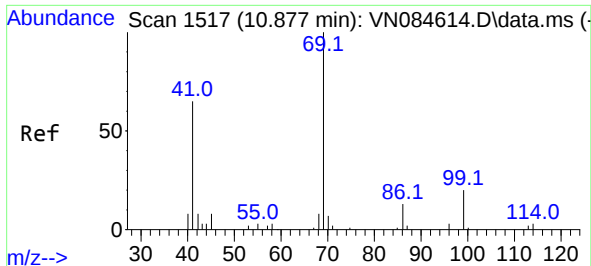
Tgt Ion: 75 Resp: 64780  
Ion Ratio Lower Upper  
75 100  
77 33.0 23.4 35.2  
39 47.3 35.4 53.2



#50  
1,1,2-Trichloroethane  
Concen: 20.380 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

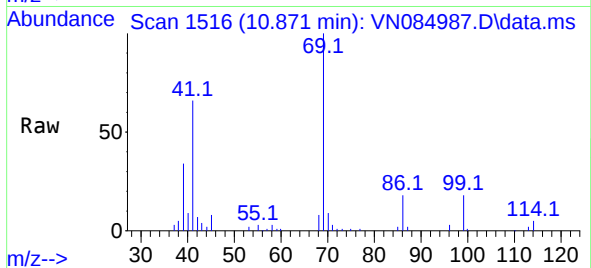
Tgt Ion: 97 Resp: 41107  
Ion Ratio Lower Upper  
97 100  
83 88.0 69.8 104.8  
85 54.3 48.6 73.0  
99 62.3 52.9 79.3



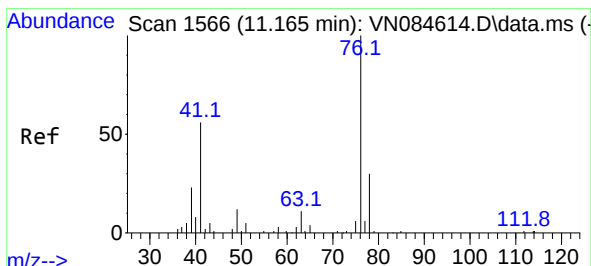
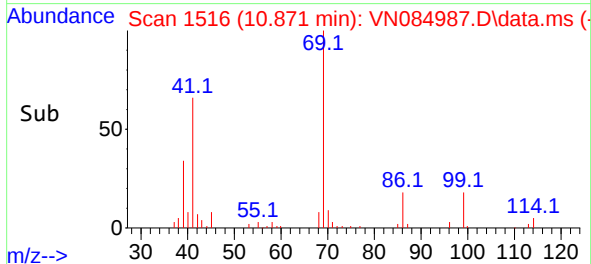
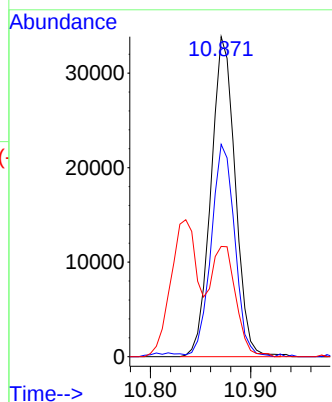


#51  
Ethyl methacrylate  
Concen: 18.273 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :

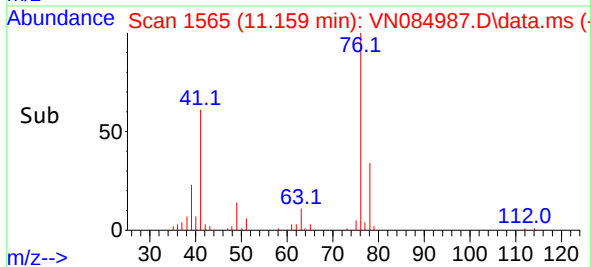
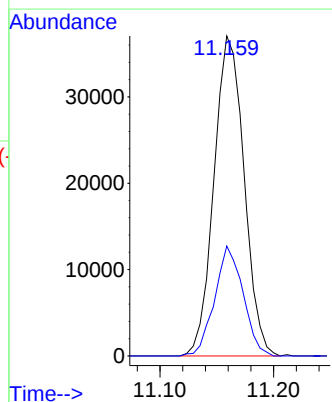
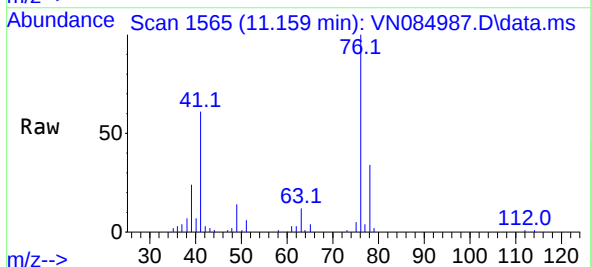


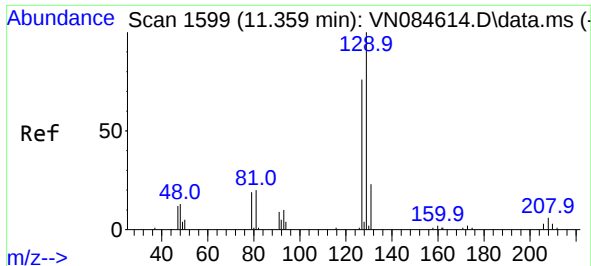
Tgt Ion: 69 Resp: 56812  
Ion Ratio Lower Upper  
69 100  
41 65.5 32.8 98.3  
39 34.4 15.4 46.1



#52  
1,3-Dichloropropane  
Concen: 19.519 ug/l  
RT: 11.159 min Scan# 1565  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 76 Resp: 68337  
Ion Ratio Lower Upper  
76 100  
78 32.4 0.0 64.0

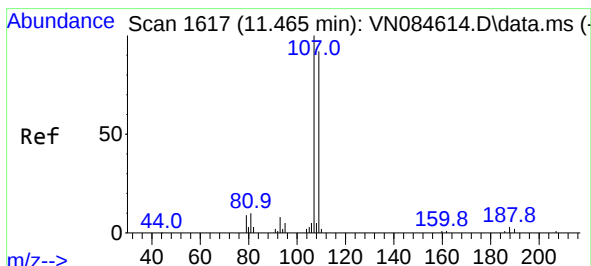
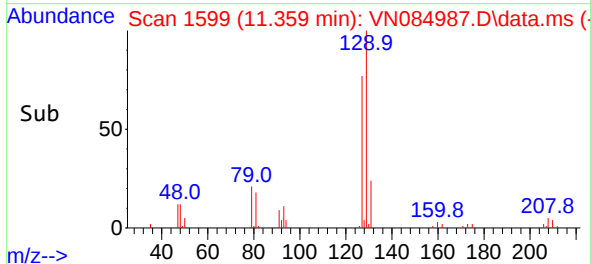
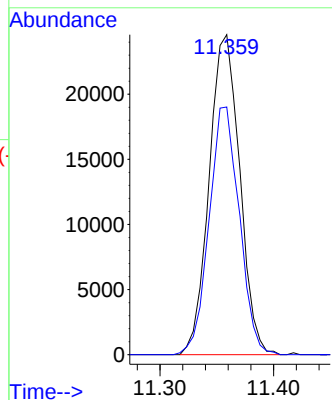
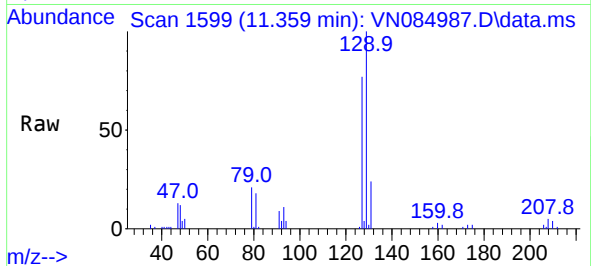




#53  
Dibromochloromethane  
Concen: 19.490 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

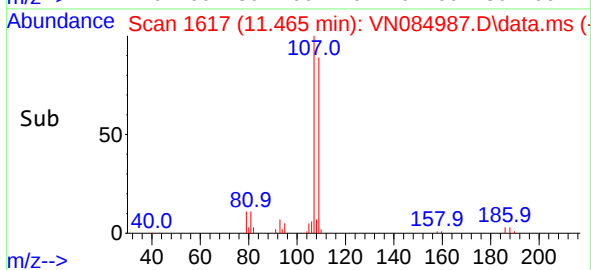
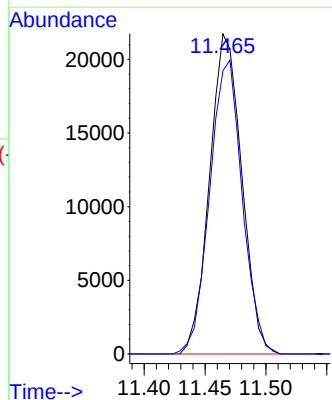
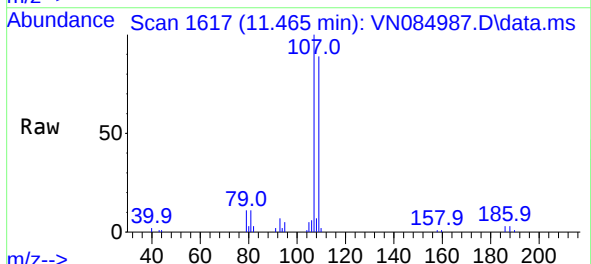
Instrument :  
MSVOA\_N  
ClientSampleId :

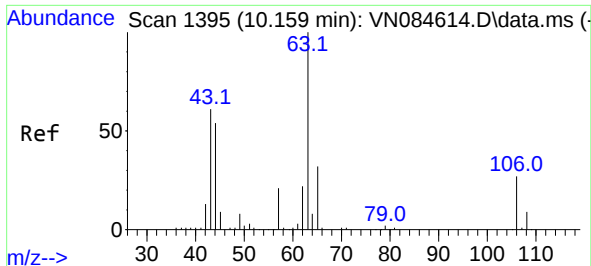
Tgt Ion:129 Resp: 46003  
Ion Ratio Lower Upper  
129 100  
127 76.5 39.6 119.0



#54  
1,2-Dibromoethane  
Concen: 19.550 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion:107 Resp: 39883  
Ion Ratio Lower Upper  
107 100  
109 92.9 73.4 110.0

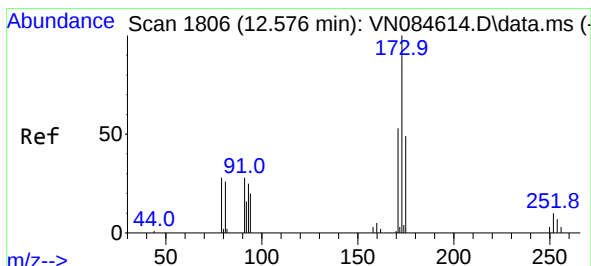
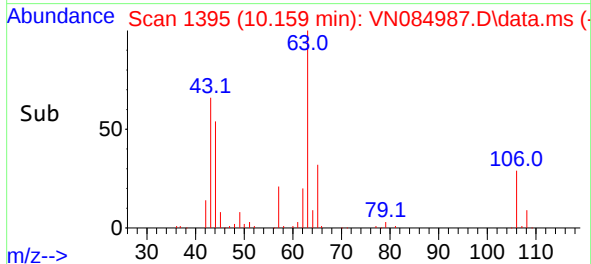
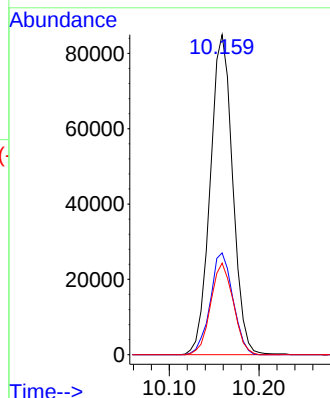
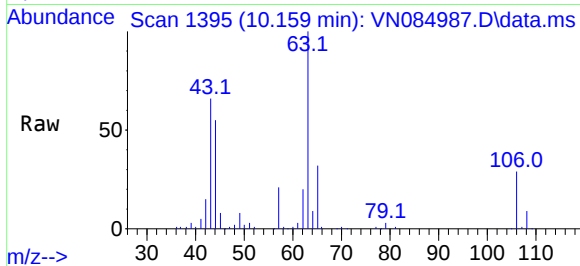




#55  
2-Chloroethyl vinyl ether  
Concen: 96.800 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

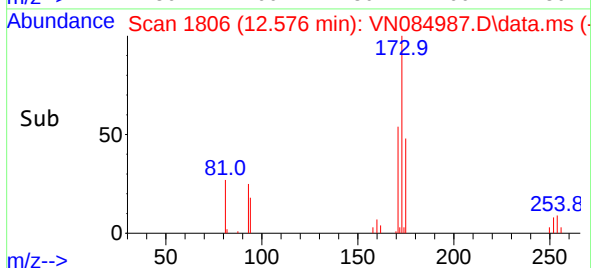
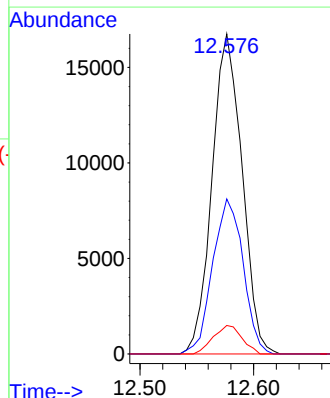
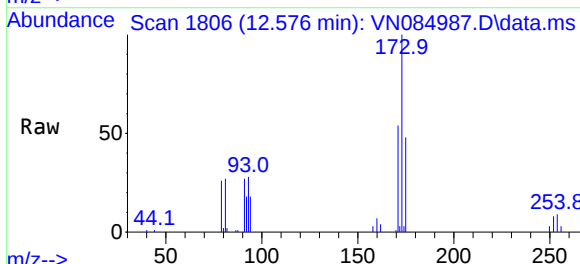
Instrument :  
MSVOA\_N  
ClientSampleId :

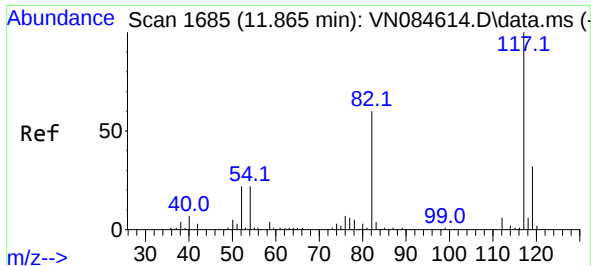
Tgt Ion: 63 Resp: 147551  
Ion Ratio Lower Upper  
63 100  
65 32.2 25.5 38.3  
106 28.9 22.3 33.5



#56  
Bromoform  
Concen: 19.451 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 173 Resp: 30775  
Ion Ratio Lower Upper  
173 100  
175 49.2 39.4 59.2  
254 8.5 6.4 9.6

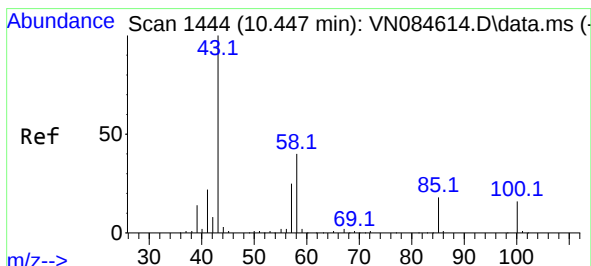
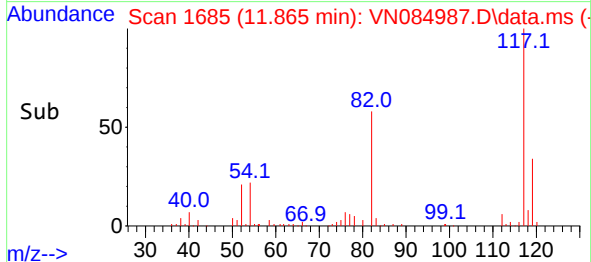
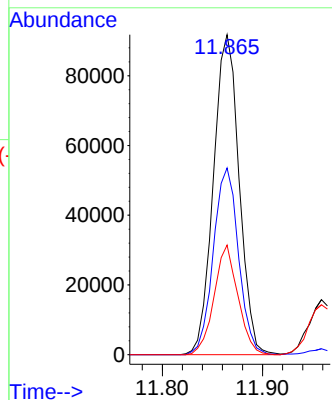
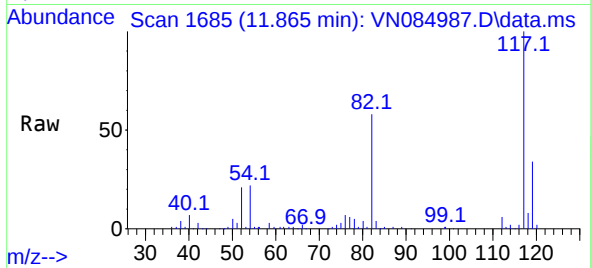




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

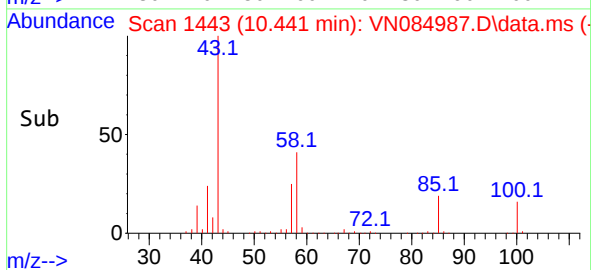
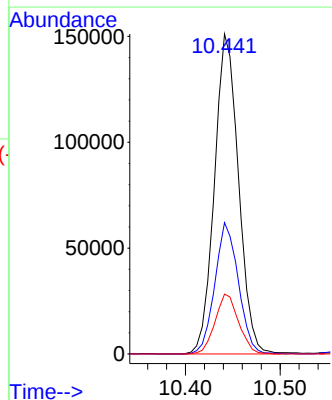
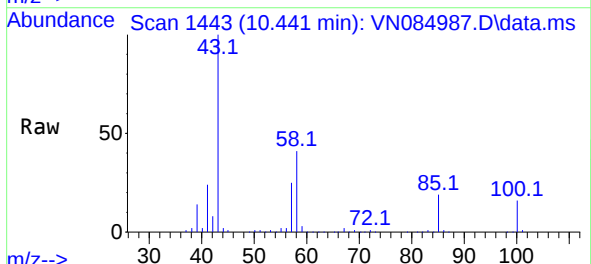
Instrument :  
MSVOA\_N  
ClientSampleId :

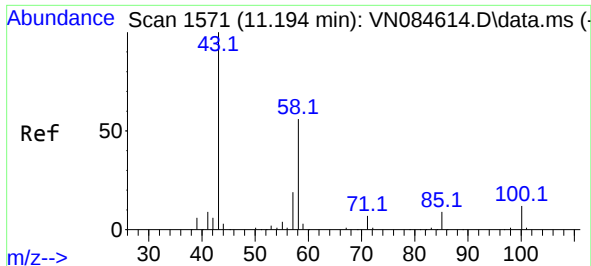
Tgt Ion:117 Resp: 164023  
Ion Ratio Lower Upper  
117 100  
82 56.9 45.5 68.3  
119 31.7 25.3 37.9



#58  
4-Methyl-2-Pentanone  
Concen: 103.239 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 43 Resp: 267148  
Ion Ratio Lower Upper  
43 100  
58 40.1 31.2 46.8  
85 18.3 14.9 22.3

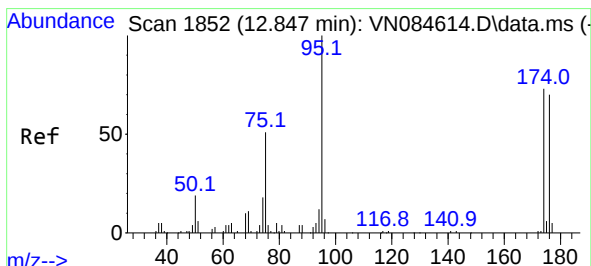
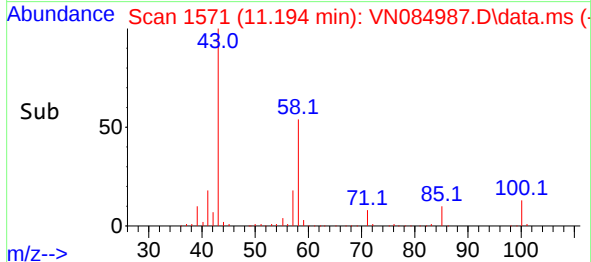
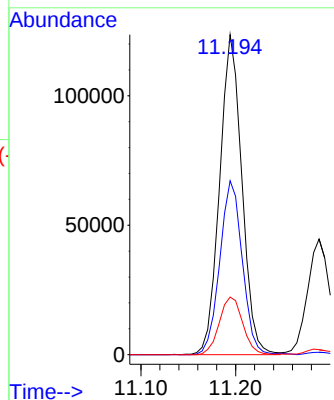
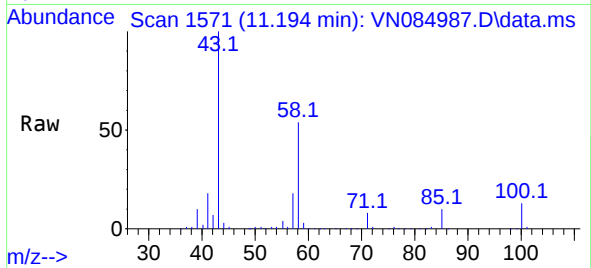




#59  
2-Hexanone  
Concen: 106.636 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

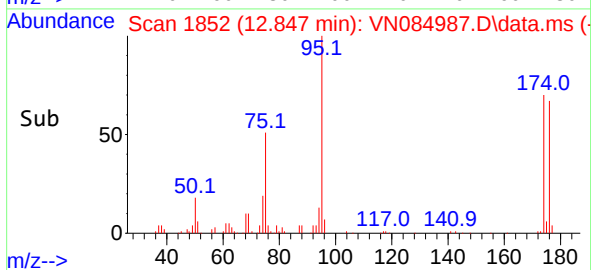
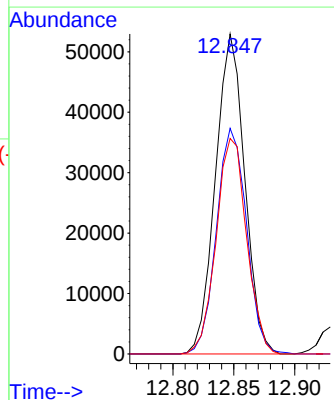
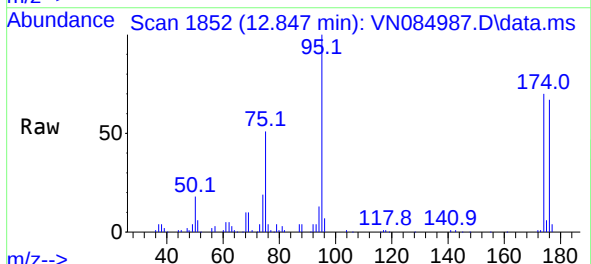
Instrument :  
MSVOA\_N  
ClientSampleId :

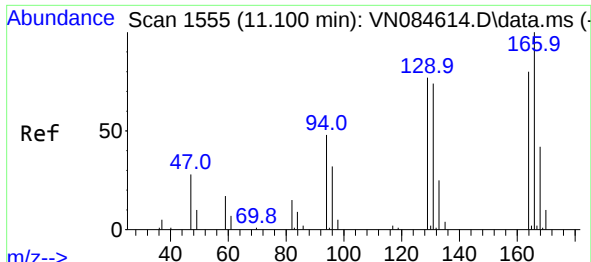
Tgt Ion: 43 Resp: 202058  
Ion Ratio Lower Upper  
43 100  
58 54.8 43.8 65.6  
57 19.0 15.0 22.6



#60  
4-Bromofluorobenzene  
Concen: 31.340 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

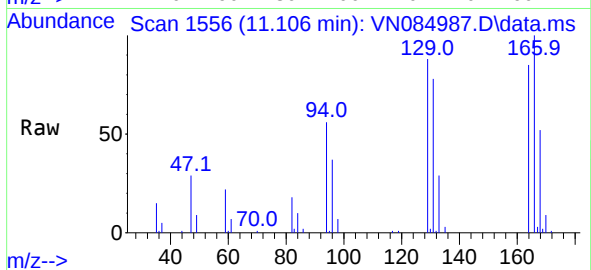
Tgt Ion: 95 Resp: 88511  
Ion Ratio Lower Upper  
95 100  
174 72.4 59.6 89.4  
176 70.1 58.6 88.0



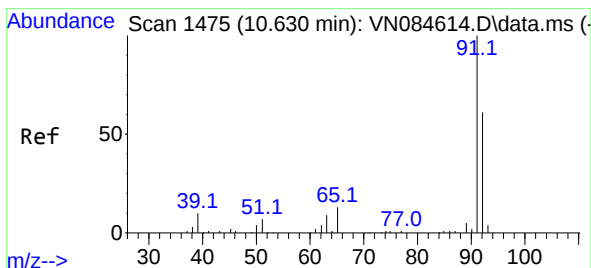
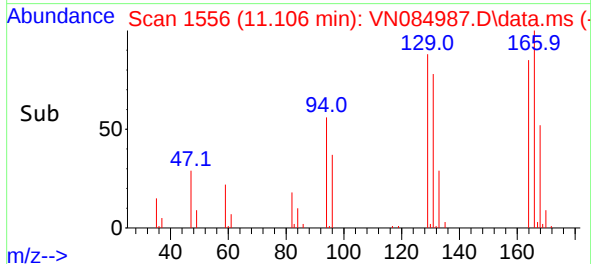
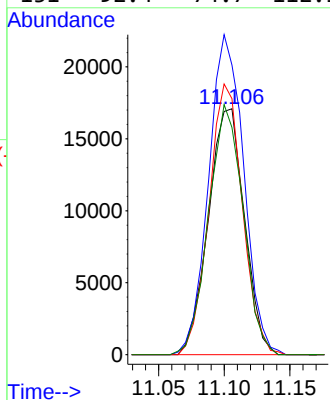


#61  
Tetrachloroethene  
Concen: 19.060 ug/l  
RT: 11.106 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :

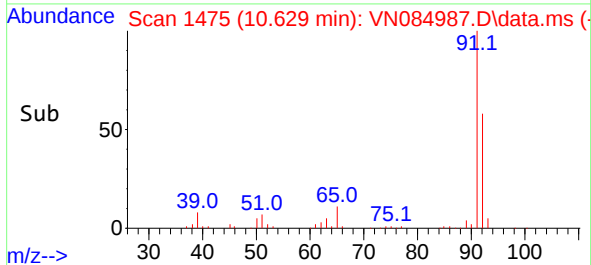
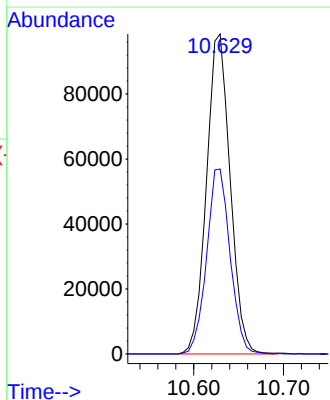
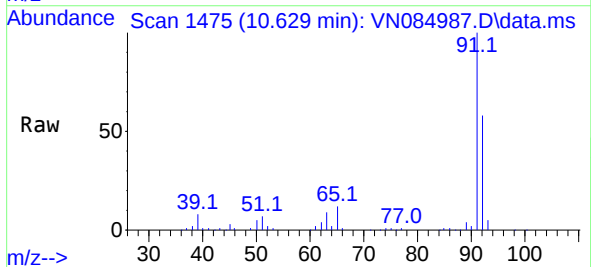


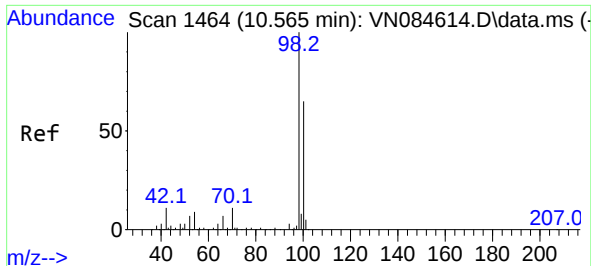
Tgt Ion:164 Resp: 32719  
Ion Ratio Lower Upper  
164 100  
166 116.7 100.5 150.7  
129 104.1 77.7 116.5  
131 92.4 74.7 112.1



#62  
Toluene  
Concen: 19.298 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 91 Resp: 180288  
Ion Ratio Lower Upper  
91 100  
92 57.3 47.5 71.3

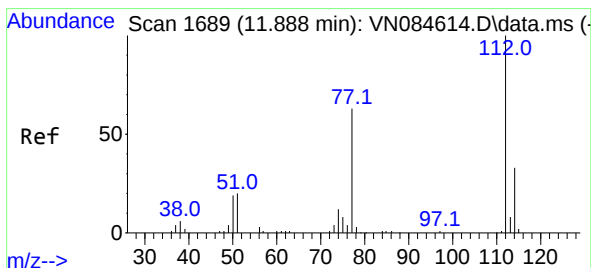
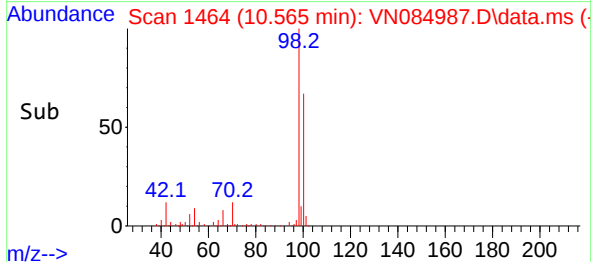
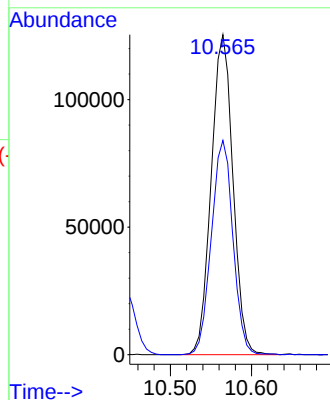
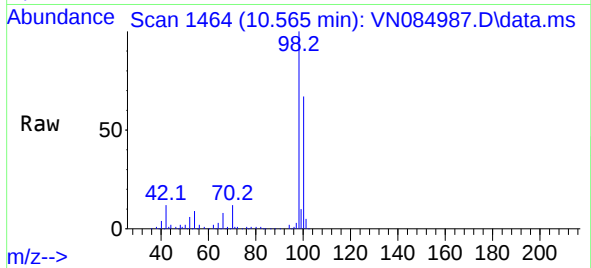




#63  
Toluene-d8  
Concen: 30.010 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

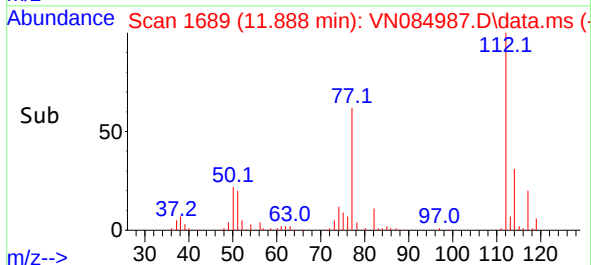
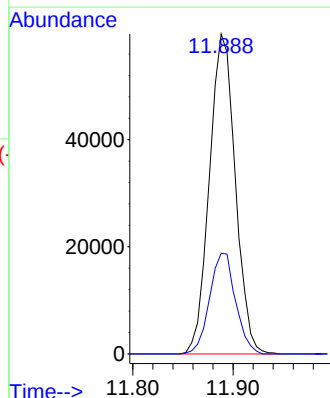
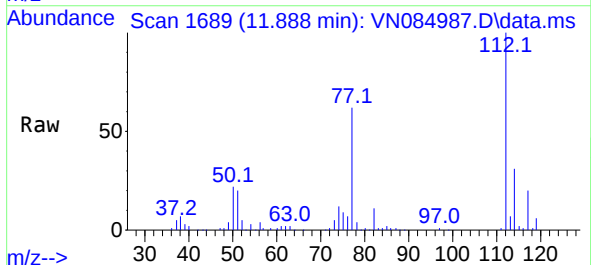
Instrument :  
MSVOA\_N  
ClientSampleId :

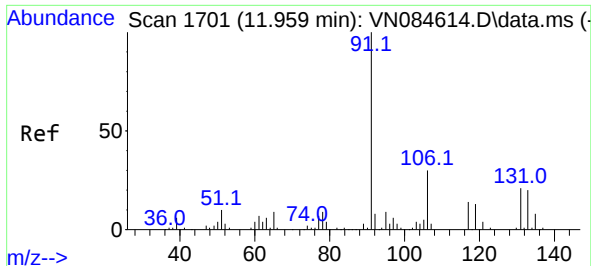
Tgt Ion: 98 Resp: 233022  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.2 78.2



#64  
Chlorobenzene  
Concen: 18.997 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion:112 Resp: 107139  
Ion Ratio Lower Upper  
112 100  
114 31.5 26.2 39.4

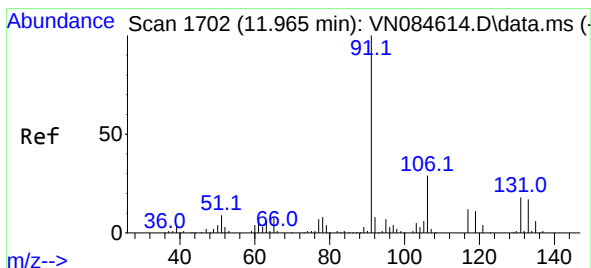
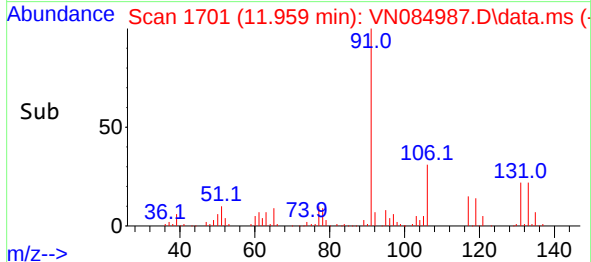
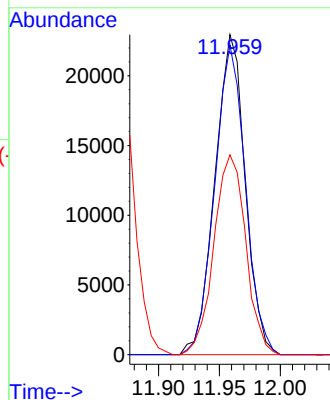
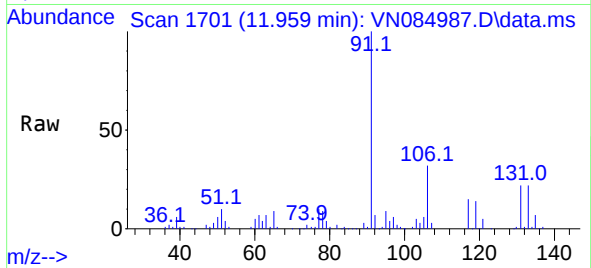




#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.209 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

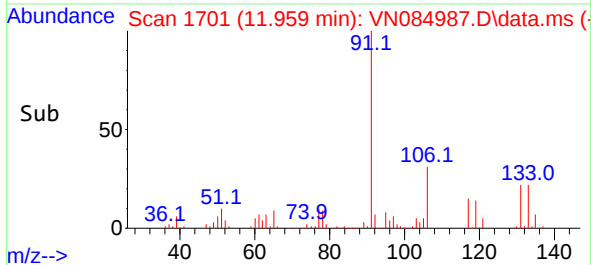
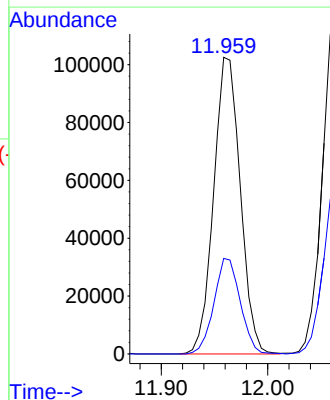
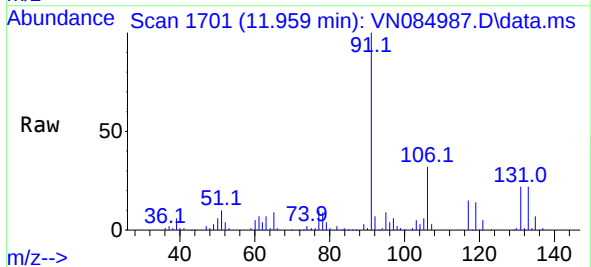
Instrument :  
MSVOA\_N  
ClientSampleId :

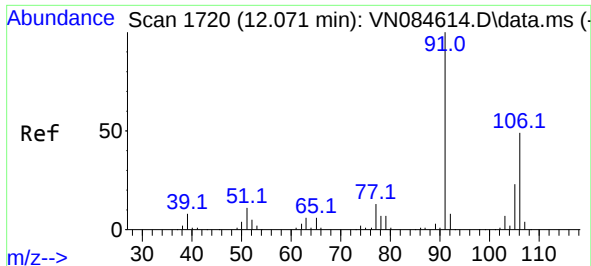
Tgt Ion:131 Resp: 39814  
Ion Ratio Lower Upper  
131 100  
133 98.0 0.0 189.2  
119 65.6 0.0 129.4



#66  
Ethyl Benzene  
Concen: 18.142 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 91 Resp: 178115  
Ion Ratio Lower Upper  
91 100  
106 32.2 22.9 34.3

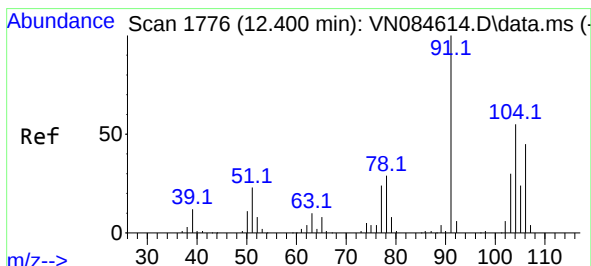
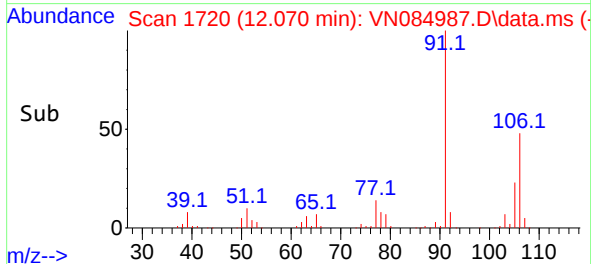
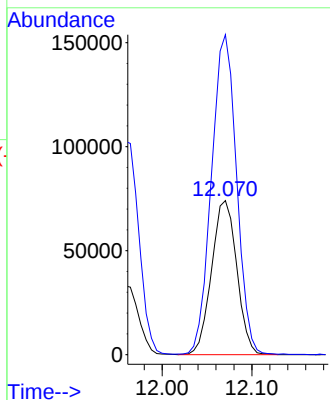
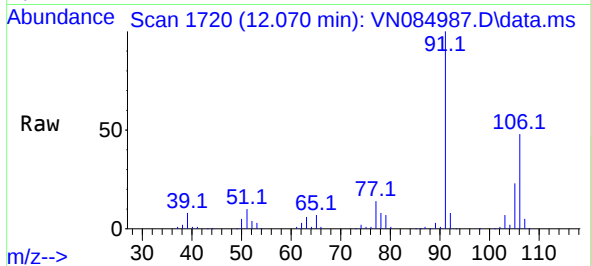




#67  
m/p-Xylenes  
Concen: 38.476 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

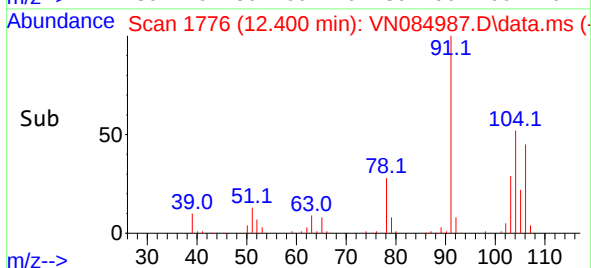
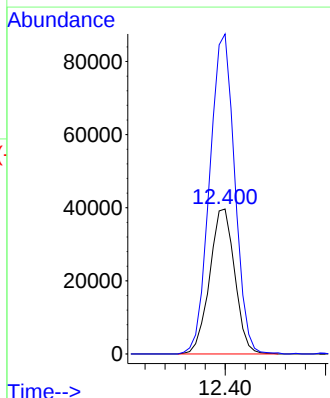
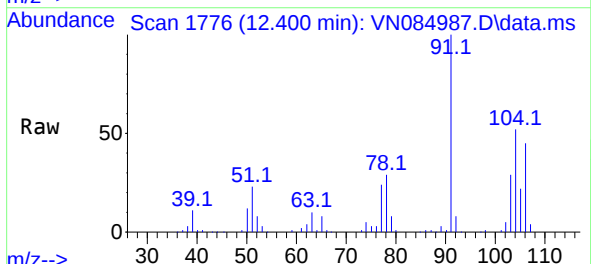
Instrument :  
MSVOA\_N  
ClientSampleId :

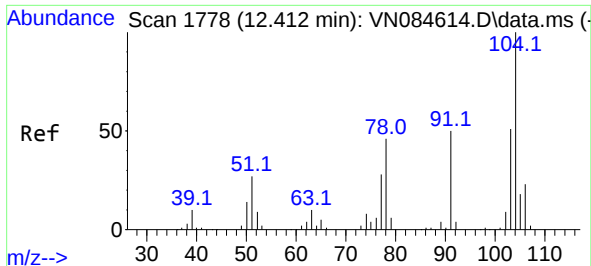
Tgt Ion:106 Resp: 144624  
Ion Ratio Lower Upper  
106 100  
91 206.4 168.1 252.1



#68  
o-Xylene  
Concen: 19.001 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

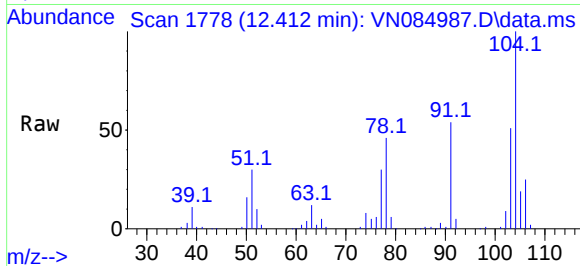
Tgt Ion:106 Resp: 68894  
Ion Ratio Lower Upper  
106 100  
91 220.5 107.7 322.9



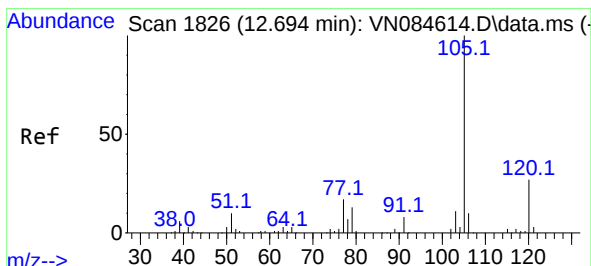
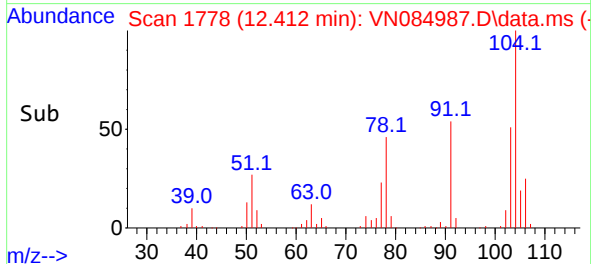
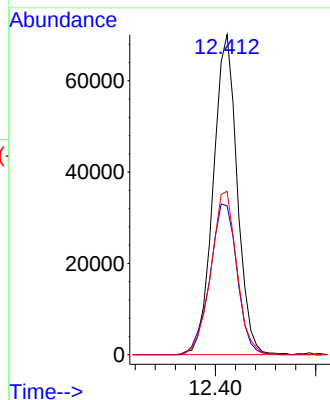


#69  
Styrene  
Concen: 19.105 ug/l  
RT: 12.412 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :

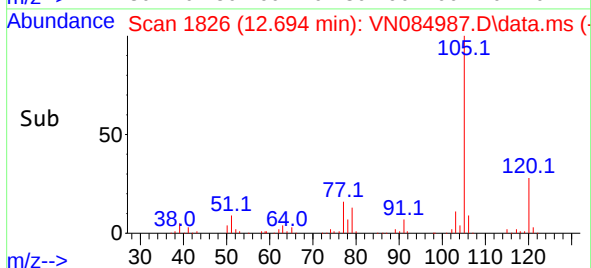
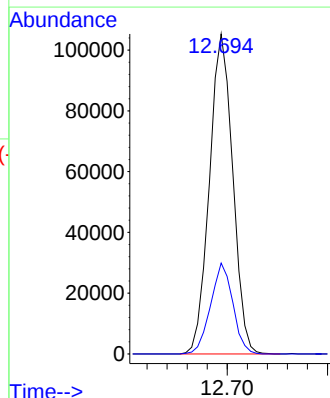
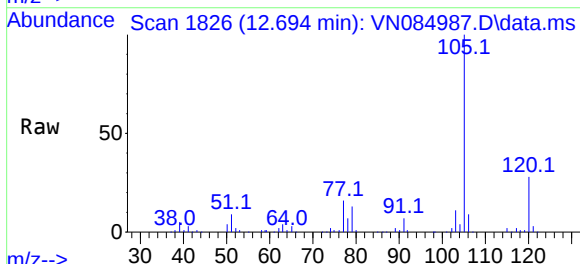


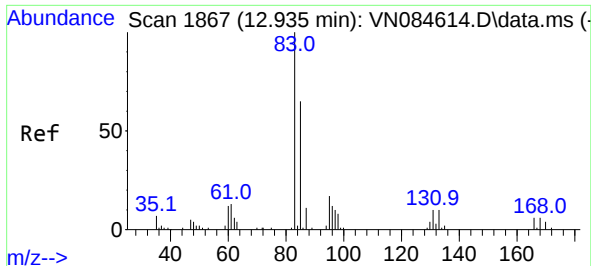
Tgt Ion:104 Resp: 116151  
Ion Ratio Lower Upper  
104 100  
78 53.3 41.5 62.3  
103 55.2 44.6 67.0



#70  
Isopropylbenzene  
Concen: 18.911 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion:105 Resp: 170342  
Ion Ratio Lower Upper  
105 100  
120 27.0 18.7 34.7

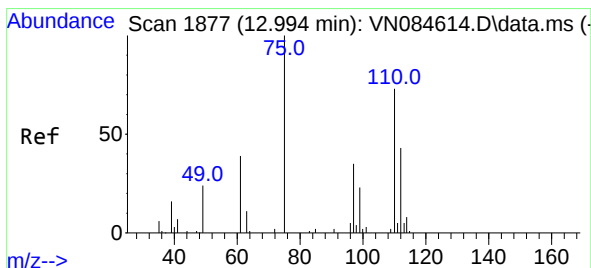
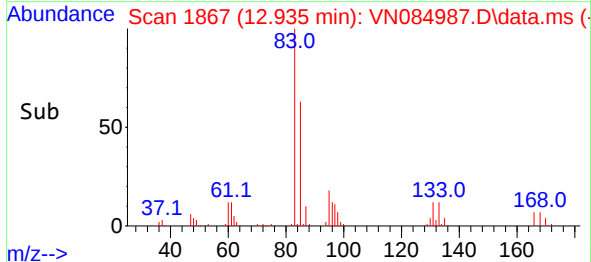
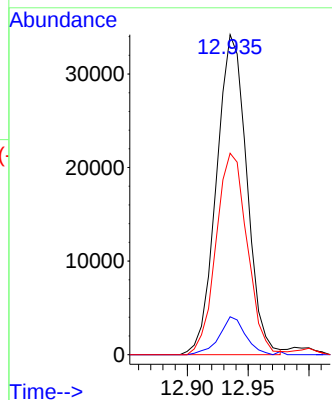
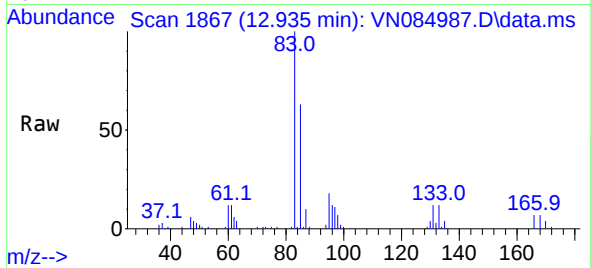




#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.307 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

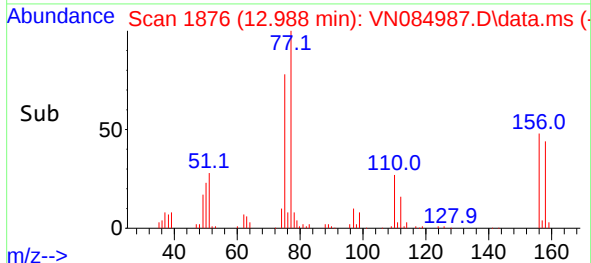
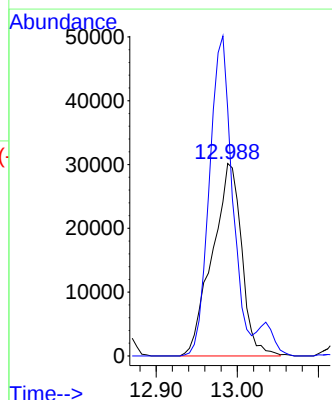
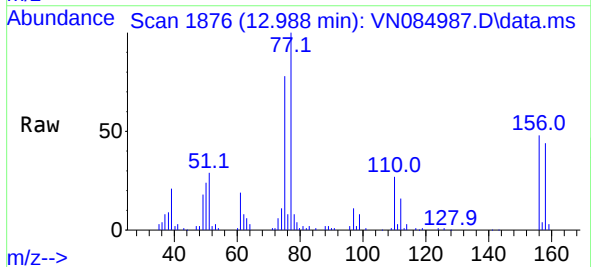
Instrument :  
MSVOA\_N  
ClientSampleId :

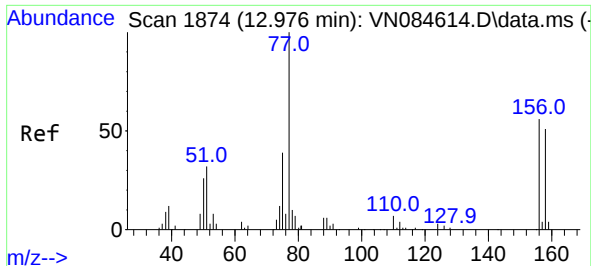
Tgt Ion: 83 Resp: 59285  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.1 15.3  
85 64.6 33.3 99.9



#72  
1,2,3-Trichloropropane  
Concen: 30.483 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 75 Resp: 75992  
Ion Ratio Lower Upper  
75 100  
77 129.1 0.0 358.4

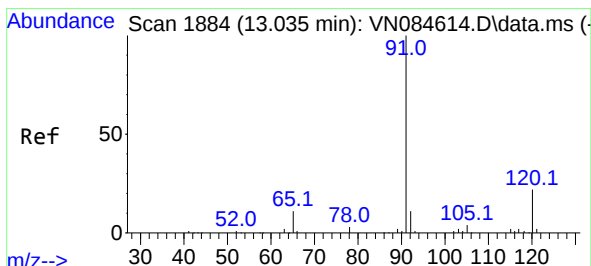
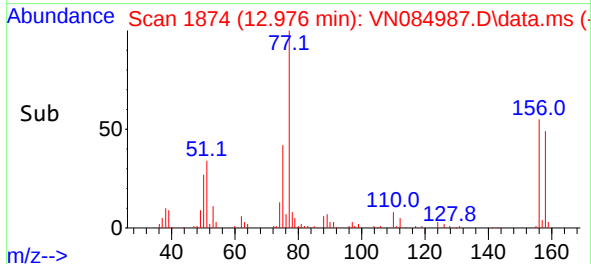
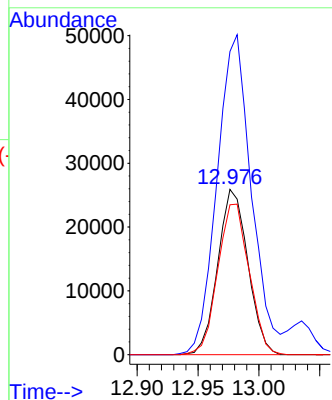
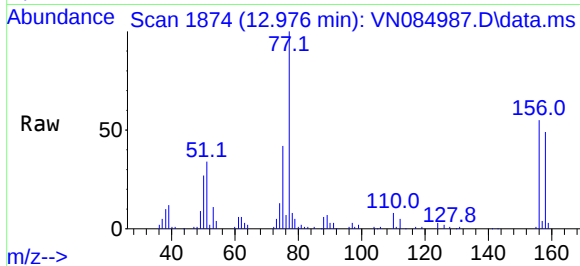




#73  
Bromobenzene  
Concen: 19.182 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

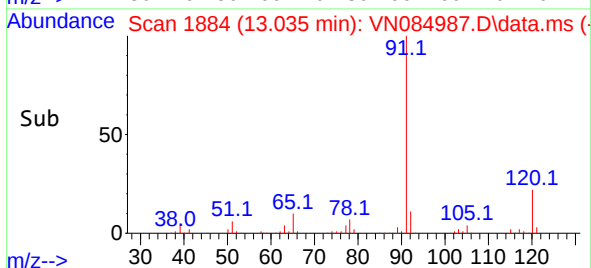
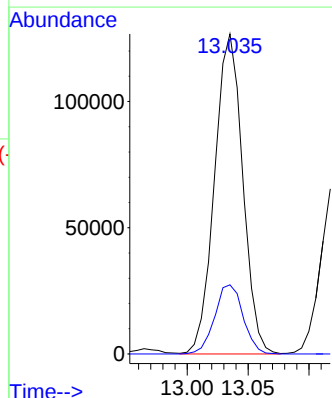
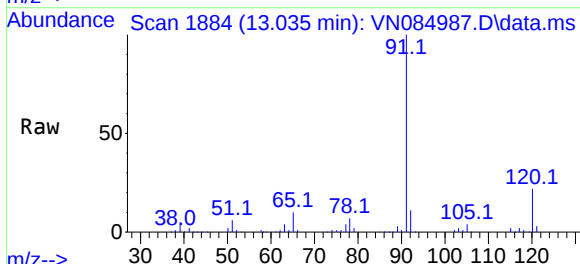
Instrument :  
MSVOA\_N  
ClientSampleId :

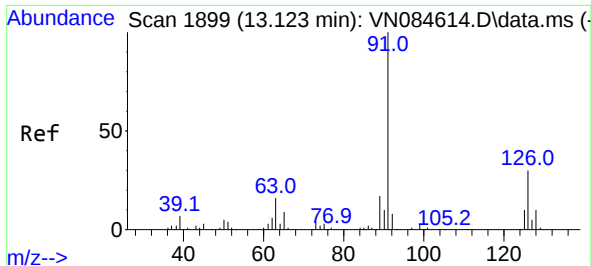
Tgt Ion:156 Resp: 44563  
Ion Ratio Lower Upper  
156 100  
77 220.2 0.0 427.6  
158 94.9 0.0 191.6



#74  
n-propylbenzene  
Concen: 19.354 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 91 Resp: 203844  
Ion Ratio Lower Upper  
91 100  
120 21.7 0.0 44.0

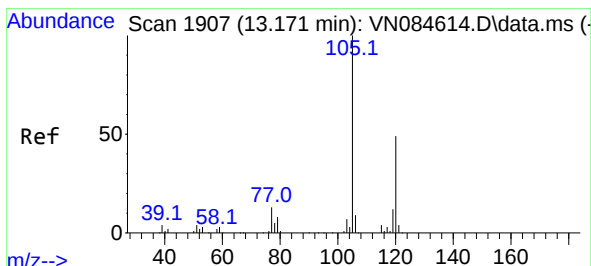
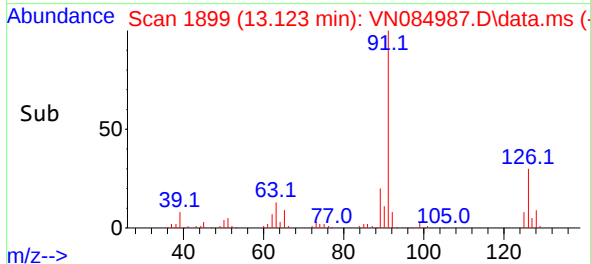
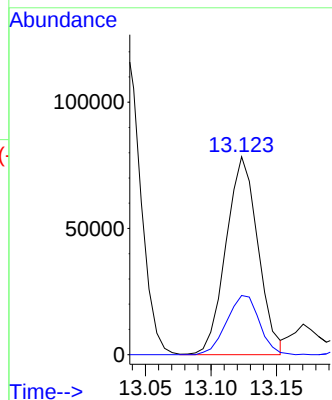
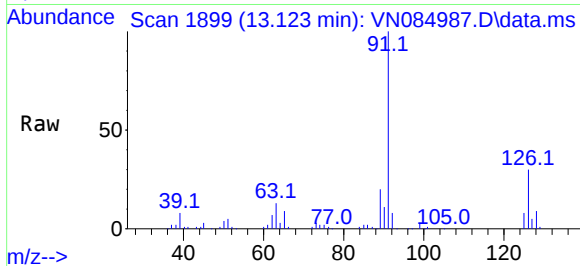




#75  
2-Chlorotoluene  
Concen: 19.416 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

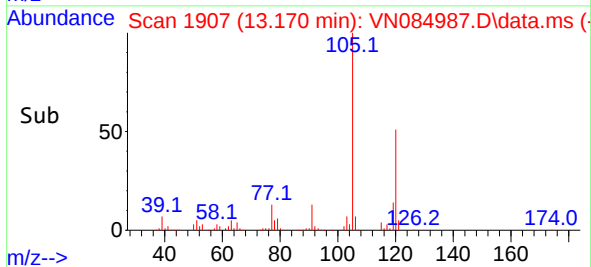
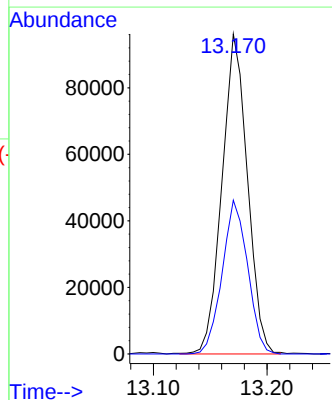
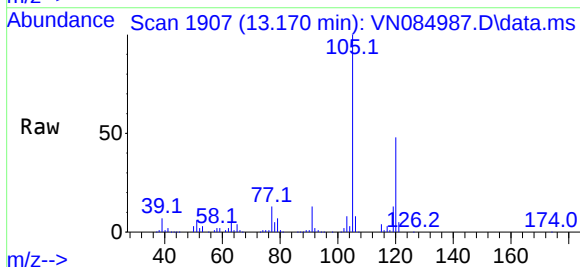
Instrument :  
MSVOA\_N  
ClientSampleId :

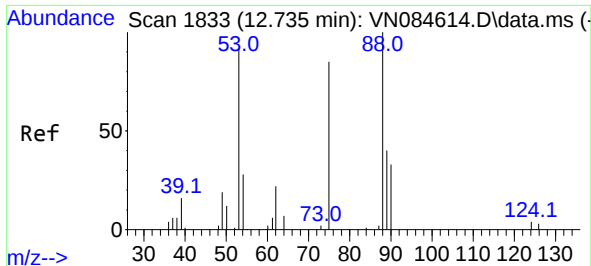
Tgt Ion: 91 Resp: 133176  
Ion Ratio Lower Upper  
91 100  
126 30.5 0.0 60.8



#76  
1,3,5-Trimethylbenzene  
Concen: 19.422 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 105 Resp: 149473  
Ion Ratio Lower Upper  
105 100  
120 48.1 0.0 96.8

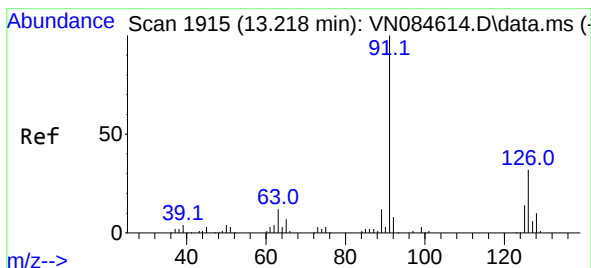
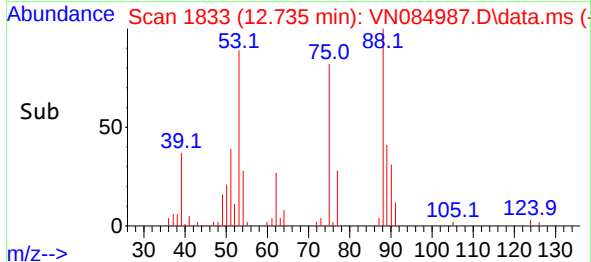
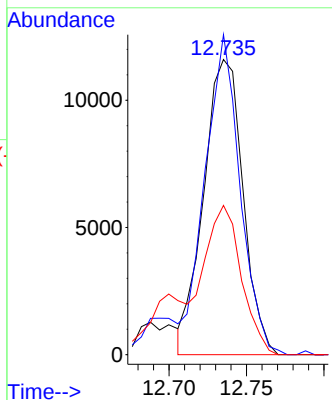
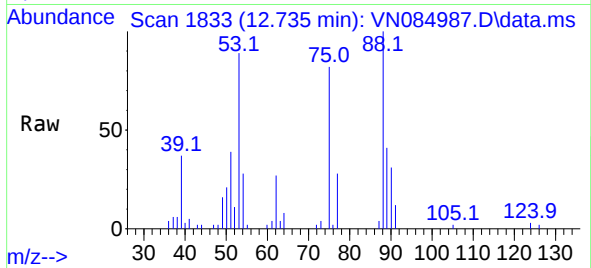




#77  
t-1,4-Dichloro-2-butene  
Concen: 20.043 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

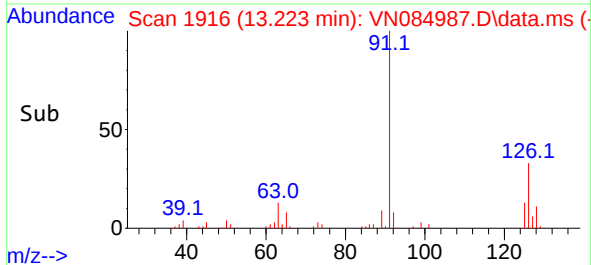
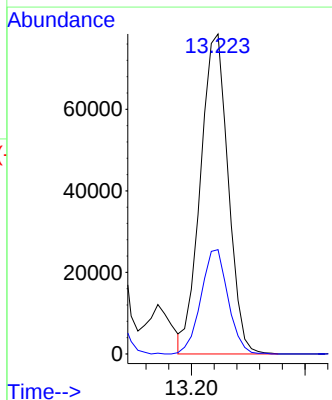
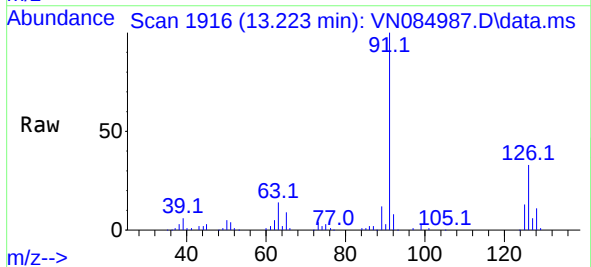
Instrument :  
MSVOA\_N  
ClientSampleId :

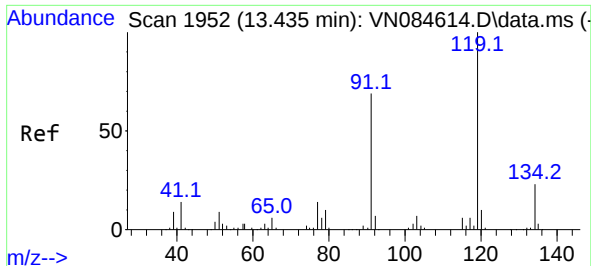
Tgt Ion: 75 Resp: 20493  
Ion Ratio Lower Upper  
75 100  
53 106.8 52.4 157.2  
89 50.6 26.0 78.0



#78  
4-Chlorotoluene  
Concen: 19.198 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 91 Resp: 133045  
Ion Ratio Lower Upper  
91 100  
126 31.9 0.0 63.4

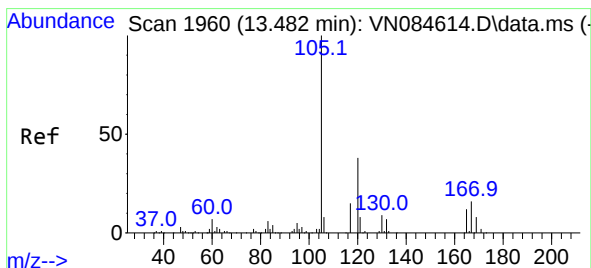
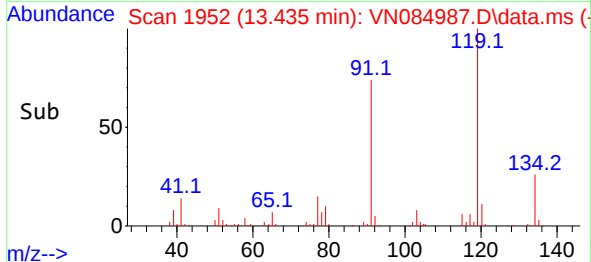
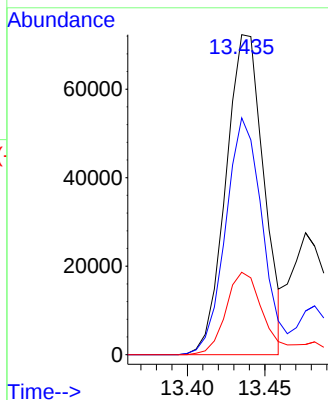
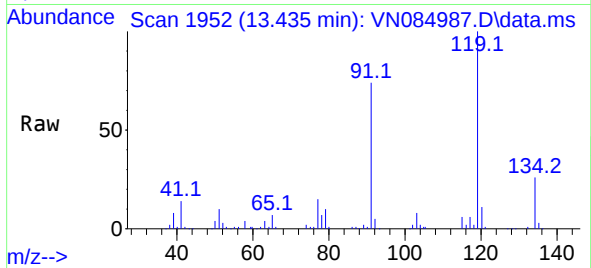




#79  
tert-butylbenzene  
Concen: 19.317 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

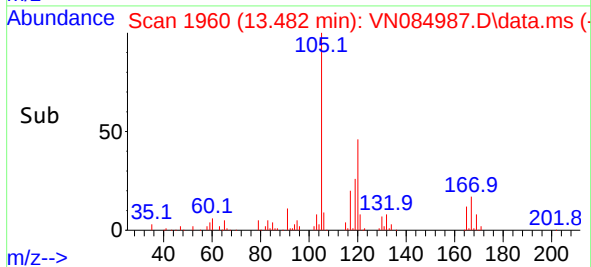
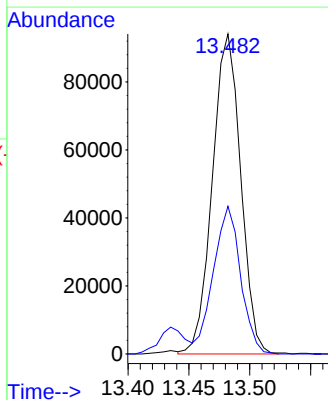
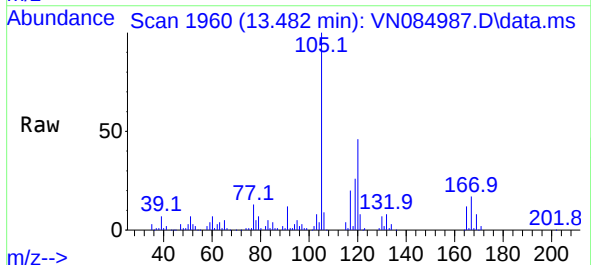
Instrument :  
MSVOA\_N  
ClientSampleId :

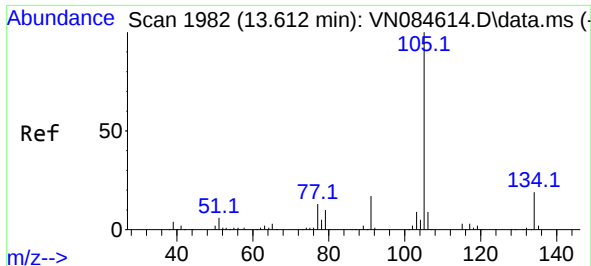
Tgt Ion:119 Resp: 122941  
Ion Ratio Lower Upper  
119 100  
91 71.9 0.0 143.2  
134 24.8 0.0 49.4



#80  
1,2,4-Trimethylbenzene  
Concen: 19.621 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion:105 Resp: 152333  
Ion Ratio Lower Upper  
105 100  
120 44.3 0.0 90.4

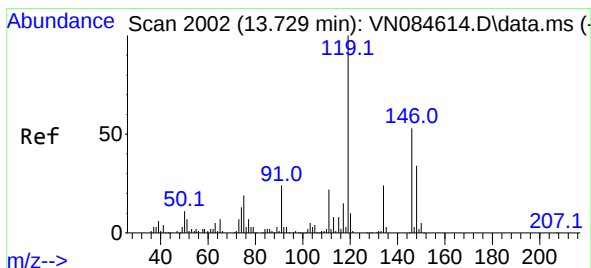
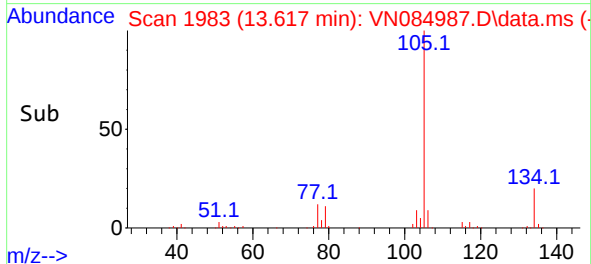
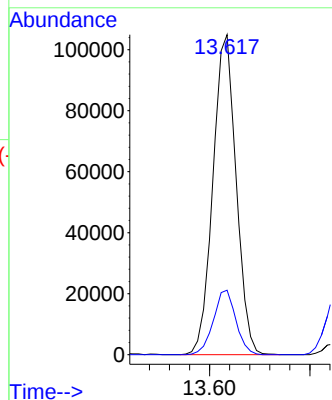
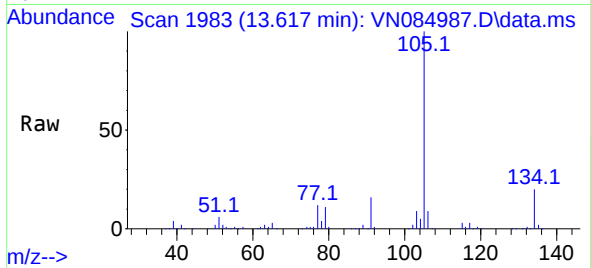




#81  
sec-Butylbenzene  
Concen: 19.240 ug/l  
RT: 13.617 min Scan# 1983  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

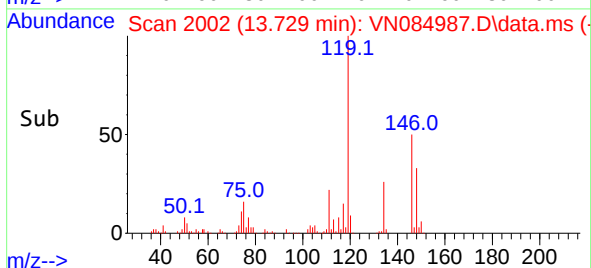
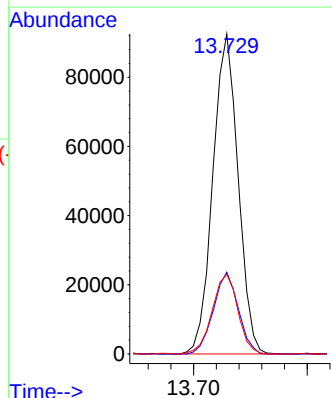
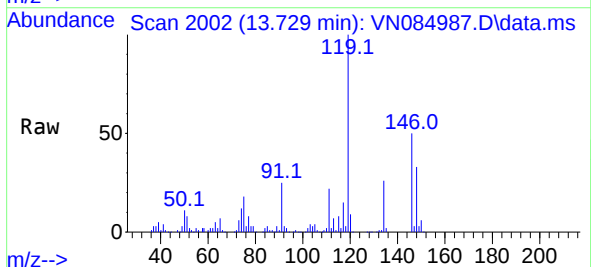
Instrument :  
MSVOA\_N  
ClientSampleId :

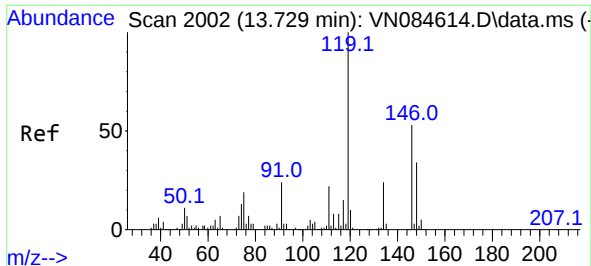
Tgt Ion:105 Resp: 168731  
Ion Ratio Lower Upper  
105 100  
134 19.5 0.0 39.0



#82  
p-Isopropyltoluene  
Concen: 19.384 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion:119 Resp: 142835  
Ion Ratio Lower Upper  
119 100  
134 25.2 0.0 51.4  
91 25.3 0.0 50.4

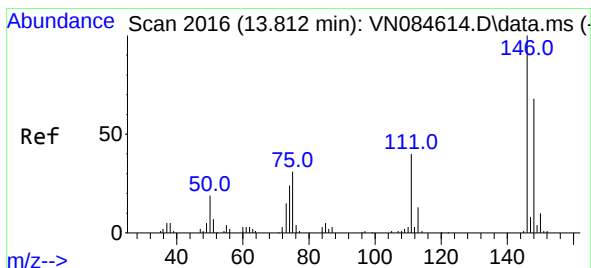
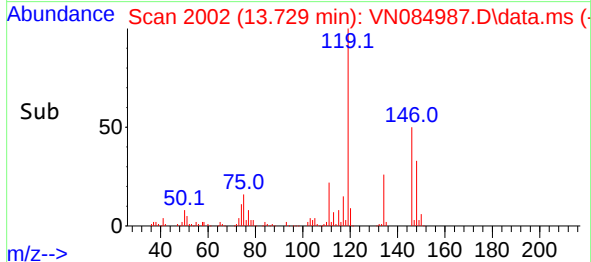
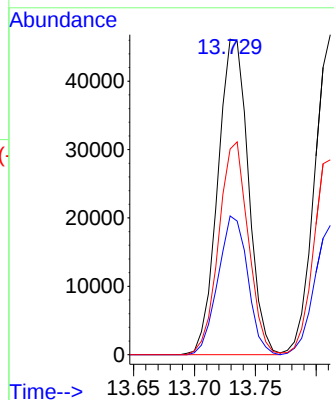
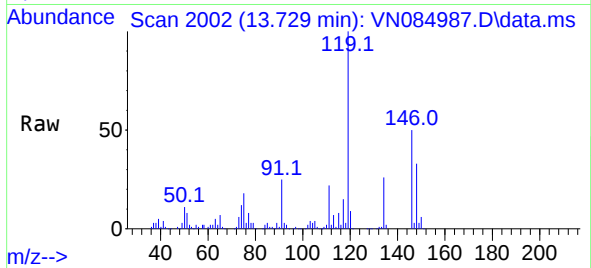




#83  
1,3-Dichlorobenzene  
Concen: 18.780 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

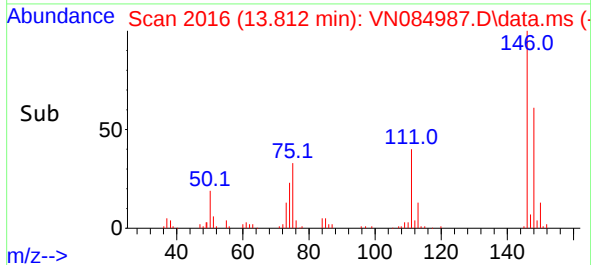
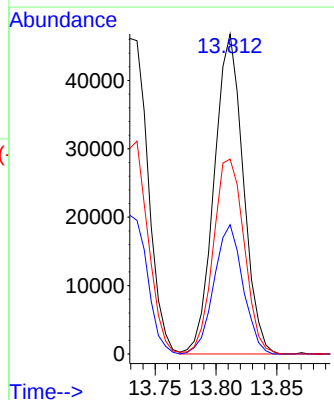
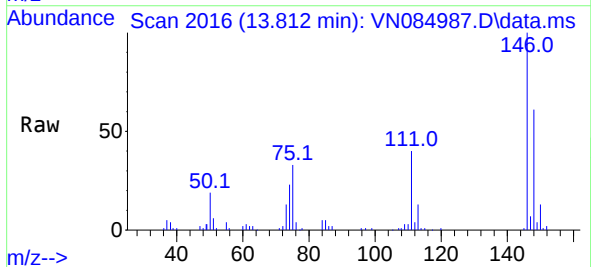
Instrument :  
MSVOA\_N  
ClientSampleId :

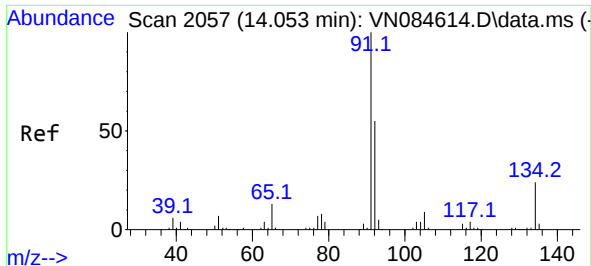
Tgt Ion:146 Resp: 80688  
Ion Ratio Lower Upper  
146 100  
111 42.7 21.0 63.0  
148 65.0 31.3 93.8



#84  
1,4-Dichlorobenzene  
Concen: 18.325 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion:146 Resp: 77795  
Ion Ratio Lower Upper  
146 100  
111 40.2 20.2 60.5  
148 64.6 32.6 98.0

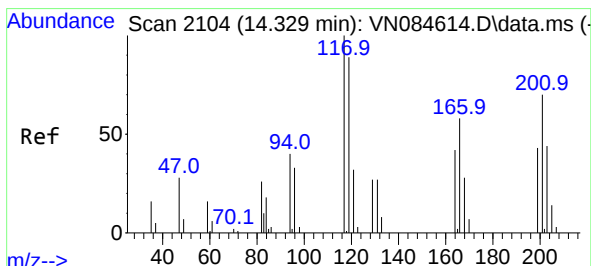
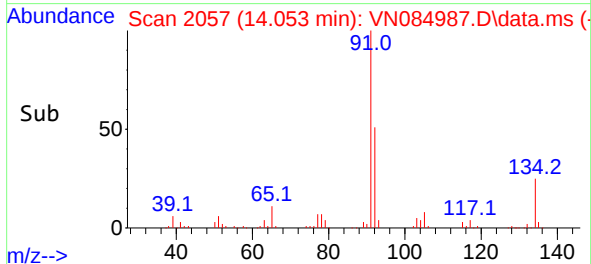
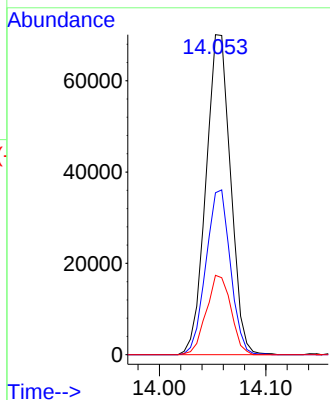
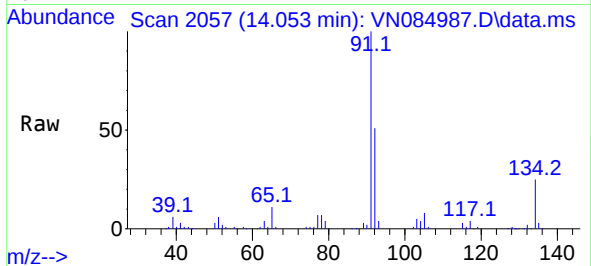




#85  
n-Butylbenzene  
Concen: 18.220 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

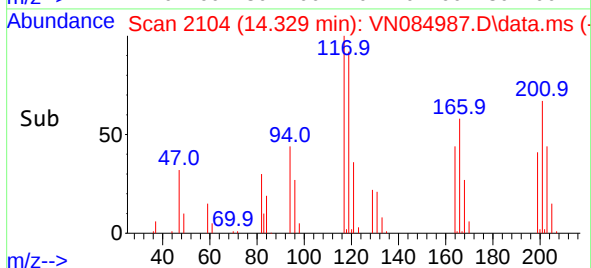
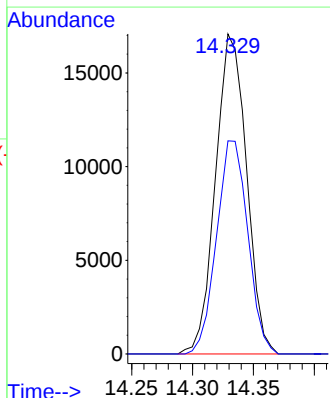
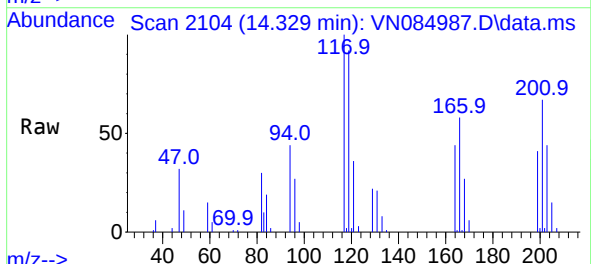
Instrument :  
MSVOA\_N  
ClientSampleId :

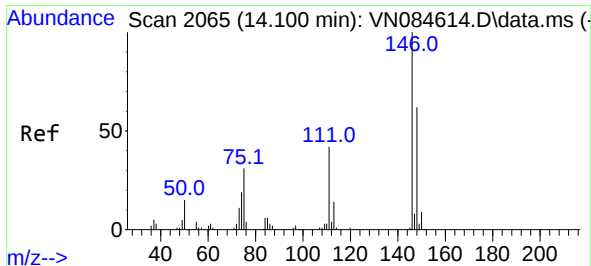
Tgt Ion: 91 Resp: 112759  
Ion Ratio Lower Upper  
91 100  
92 51.0 0.0 106.2  
134 24.8 0.0 48.2



#86  
Hexachloroethane  
Concen: 20.109 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion: 117 Resp: 30305  
Ion Ratio Lower Upper  
117 100  
201 67.2 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 19.451 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA\_N

ClientSampleId :

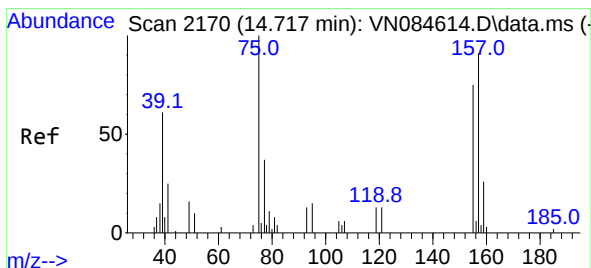
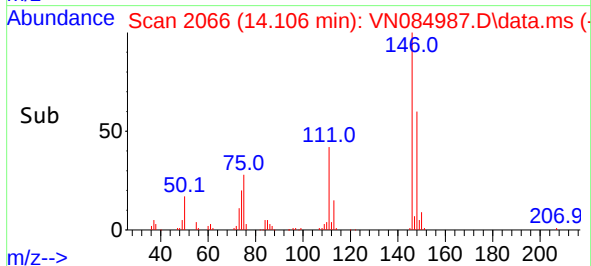
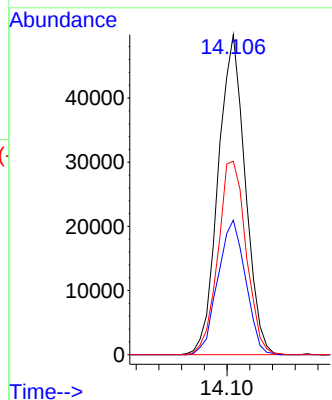
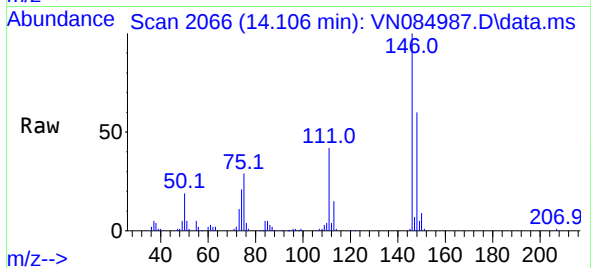
Tgt Ion:146 Resp: 82352

Ion Ratio Lower Upper

146 100

111 43.2 22.4 67.0

148 63.1 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.322 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

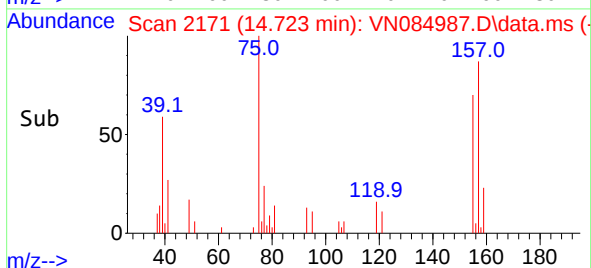
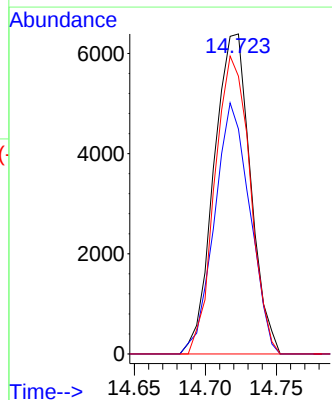
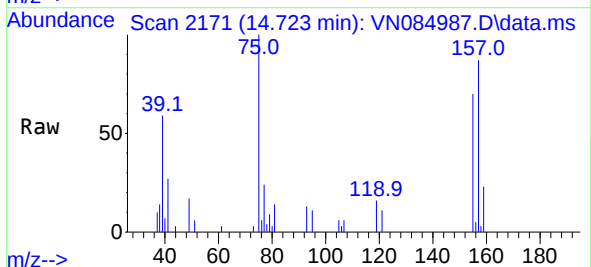
Tgt Ion: 75 Resp: 11448

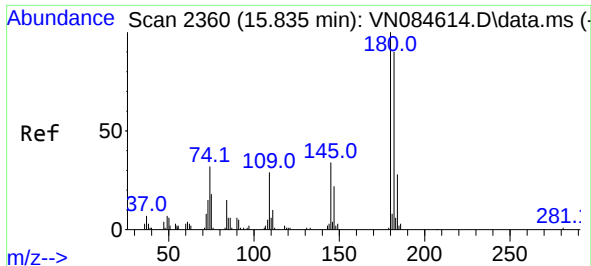
Ion Ratio Lower Upper

75 100

155 75.9 61.8 92.6

157 89.5 74.7 112.1

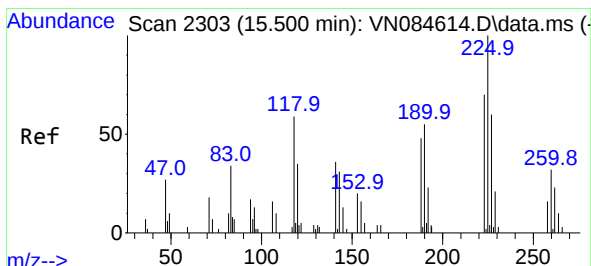
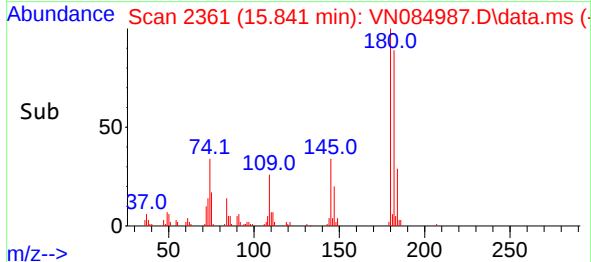
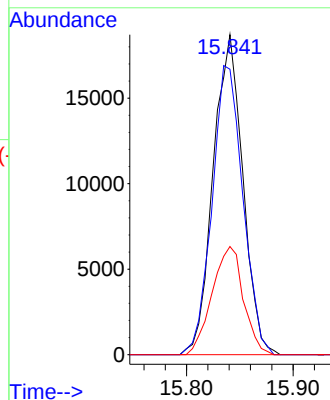
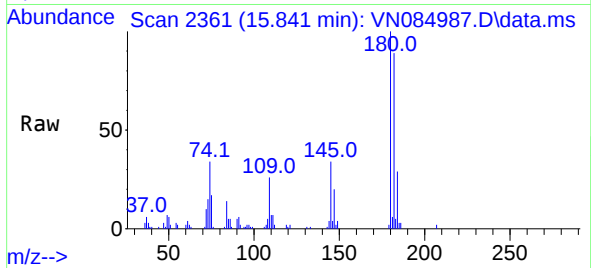




#89  
1,2,4-Trichlorobenzene  
Concen: 17.542 ug/l  
RT: 15.841 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

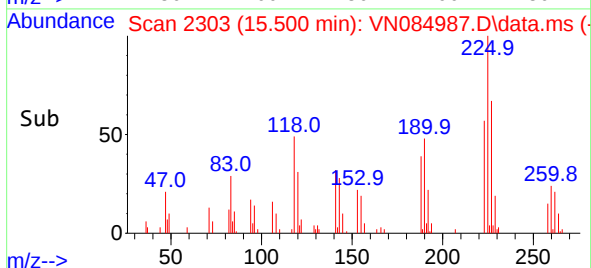
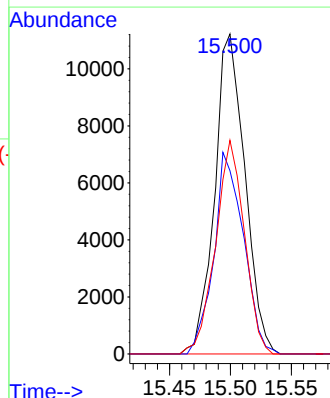
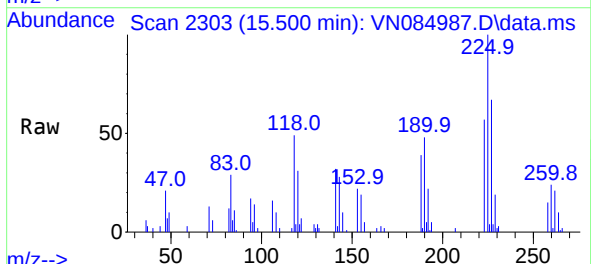
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MSVOA\_N  
ClientSampleId :

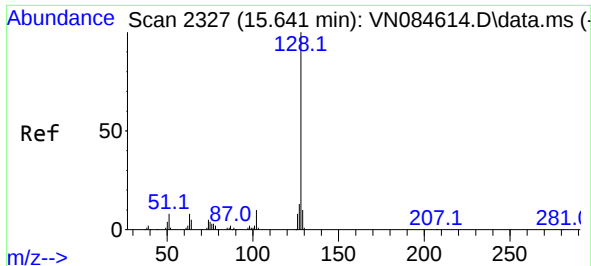
Tgt Ion:180 Resp: 36162  
Ion Ratio Lower Upper  
180 100  
182 94.0 73.0 109.6  
145 35.7 26.5 39.7



#90  
Hexachlorobutadiene  
Concen: 21.601 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion:225 Resp: 19451  
Ion Ratio Lower Upper  
225 100  
223 61.6 0.0 138.8  
227 63.6 0.0 123.2

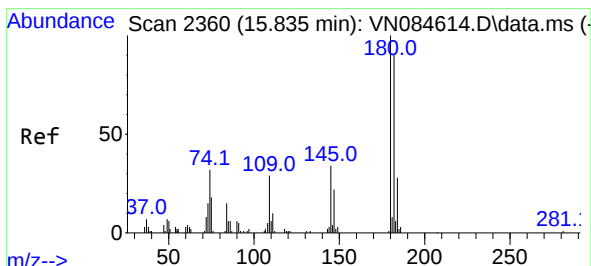
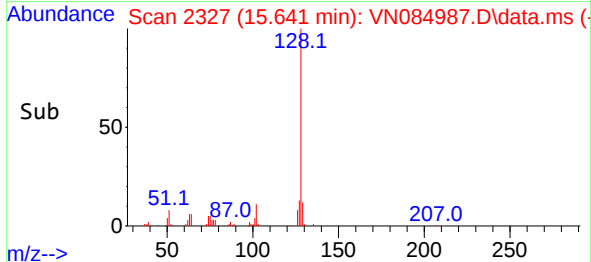
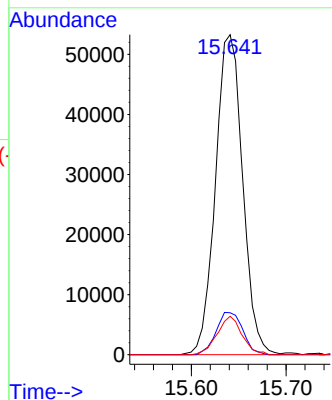
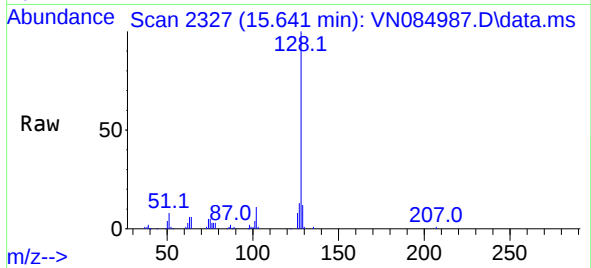




#91  
Naphthalene  
Concen: 16.121 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.000 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 106129  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 11.0 8.6 12.8



#92  
1,2,3-Trichlorobenzene  
Concen: 17.542 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.006 min  
Lab File: VN084987.D  
Acq: 21 Nov 2024 10:09

Tgt Ion:180 Resp: 36162  
Ion Ratio Lower Upper  
180 100  
182 94.0 0.0 182.6  
145 35.7 0.0 66.2

