

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120922\  
 Data File : VN075665.D  
 Acq On : 09 Dec 2022 13:21  
 Operator : JC\MD  
 Sample : VSTDIC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 12 08:17:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 12 07:54:35 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 216236   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 348896   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 310474   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 150091   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.588  | 65    | 22752    | 9.917    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 19.840%# |
| 35) Dibromofluoromethane     | 8.171  | 113   | 20938    | 9.836    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 19.680%# |
| 50) Toluene-d8               | 10.571 | 98    | 77669    | 9.716    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 19.440%# |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 25163    | 9.206    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 18.420%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.136  | 85    | 15659    | 9.846    | ug/l   | 97       |
| 3) Chloromethane             | 2.371  | 50    | 17918    | 9.456    | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.524  | 62    | 23054    | 9.905    | ug/l   | 94       |
| 5) Bromomethane              | 2.953  | 94    | 19448    | 9.811    | ug/l   | 92       |
| 6) Chloroethane              | 3.124  | 64    | 17626    | 10.150   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.506  | 101   | 33375    | 9.883    | ug/l   | 93       |
| 8) Diethyl Ether             | 3.971  | 74    | 12332    | 9.989    | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.394  | 101   | 19738    | 9.959    | ug/l   | 99       |
| 10) Methyl Iodide            | 4.594  | 142   | 31624    | 9.765    | ug/l   | # 95     |
| 11) Tert butyl alcohol       | 5.541  | 59    | 16295    | 48.009   | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.359  | 96    | 18397    | 9.931    | ug/l   | 97       |
| 13) Acrolein                 | 4.189  | 56    | 18763    | 47.998   | ug/l   | 99       |
| 14) Allyl chloride           | 5.047  | 41    | 20889    | 9.055    | ug/l   | 98       |
| 15) Acrylonitrile            | 5.736  | 53    | 42918    | 48.953   | ug/l   | 97       |
| 16) Acetone                  | 4.436  | 43    | 40753    | 52.450   | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.724  | 76    | 46016    | 9.388    | ug/l   | 100      |
| 18) Methyl Acetate           | 5.036  | 43    | 23261    | 9.317    | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.812  | 73    | 62017    | 9.952    | ug/l   | 94       |
| 20) Methylene Chloride       | 5.289  | 84    | 22305    | 9.630    | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.794  | 96    | 20339    | 9.825    | ug/l   | 94       |
| 22) Diisopropyl ether        | 6.683  | 45    | 51669    | 9.844    | ug/l   | 99       |
| 23) Vinyl Acetate            | 6.612  | 43    | 171041   | 42.735   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.583  | 63    | 34497    | 9.985    | ug/l   | 96       |
| 25) 2-Butanone               | 7.488  | 43    | 56246    | 49.519   | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.500  | 77    | 28584    | 9.700    | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.488  | 96    | 24671    | 9.817    | ug/l   | 99       |
| 28) Bromochloromethane       | 7.818  | 49    | 13893    | 10.057   | ug/l   | 96       |
| 29) Tetrahydrofuran          | 7.847  | 42    | 34631    | 49.466   | ug/l   | 99       |
| 30) Chloroform               | 7.971  | 83    | 38033    | 9.938    | ug/l   | 93       |
| 31) Cyclohexane              | 8.265  | 56    | 34543    | 10.169   | ug/l   | 87       |
| 32) 1,1,1-Trichloroethane    | 8.177  | 97    | 34645    | 9.813    | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 27573    | 9.755    | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.565  | 43    | 21428    | 9.442    | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 8.371  | 117   | 31437    | 9.638    | ug/l   | 93       |
| 39) Methylcyclohexane        | 9.606  | 83    | 34343    | 9.582    | ug/l   | 99       |
| 40) Benzene                  | 8.606  | 78    | 85817    | 9.893    | ug/l   | 96       |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 12 08:17:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 12 07:54:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 11592    | 9.962   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 28035    | 9.661   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 36575    | 9.654   | ug/l   | 99       |
| 44) Trichloroethene           | 9.359  | 130  | 24359    | 9.954   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 20003    | 9.696   | ug/l   | 91       |
| 46) Dibromomethane            | 9.712  | 93   | 15303    | 9.880   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.894  | 83   | 29397    | 9.680   | ug/l # | 95       |
| 48) Methyl methacrylate       | 9.682  | 41   | 17723    | 10.157  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 8323     | 196.222 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 112769   | 48.271  | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 55023    | 9.597   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 28338    | 9.448   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 31379    | 9.403   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 22471    | 9.968   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 28493    | 9.328   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 35325    | 9.695   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 42720    | 47.366  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.200 | 43   | 81703    | 48.138  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 24091    | 9.712   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 22395    | 9.482   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 22132    | 9.786   | ug/l   | 92       |
| 65) Chlorobenzene             | 11.894 | 112  | 61442    | 9.618   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 22457    | 9.662   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 103680   | 9.594   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.076 | 106  | 85805    | 19.650  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 41987    | 9.909   | ug/l   | 99       |
| 70) Styrene                   | 12.412 | 104  | 66633    | 9.805   | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 16857    | 9.569   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 106414   | 9.874   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.500 | 43   | 29007    | 9.264   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 31525    | 9.738   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 36284    | 12.038  | ug/l   | 74       |
| 77) Bromobenzene              | 12.982 | 156  | 26288    | 9.700   | ug/l   | 98       |
| 78) n-propylbenzene           | 13.041 | 91   | 115171   | 9.631   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 72467    | 9.816   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 89725    | 9.958   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 8131     | 11.003  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 72467    | 9.816   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 80822    | 9.892   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 88659    | 9.791   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 110141   | 9.805   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 90380    | 9.616   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 48406    | 9.551   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 47393    | 9.193   | ug/l   | 95       |
| 89) n-Butylbenzene            | 14.059 | 91   | 69806    | 9.267   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 15710    | 9.759   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 47921    | 9.502   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 4938     | 9.283   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 21066    | 8.700   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 13023    | 9.479   | ug/l   | 98       |
| 95) Naphthalene               | 15.647 | 128  | 61977    | 8.660   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 21353    | 8.975   | ug/l   | 100      |

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Sample : VSTDIC010  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

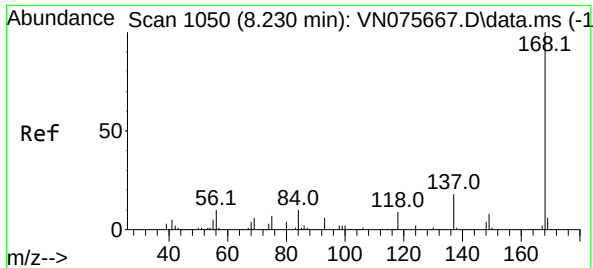
Quant Time: Dec 12 08:17:19 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 12 07:54:35 2022  
Response via : Initial Calibration

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

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

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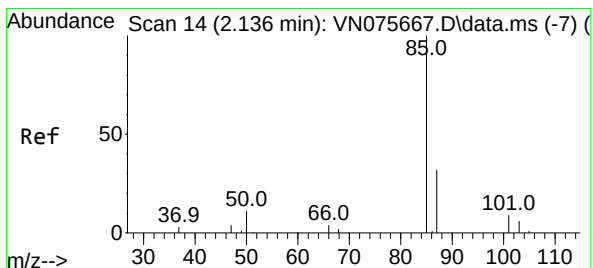
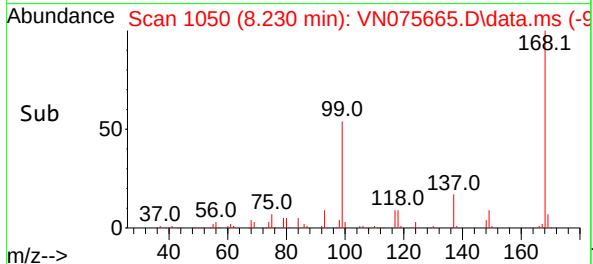
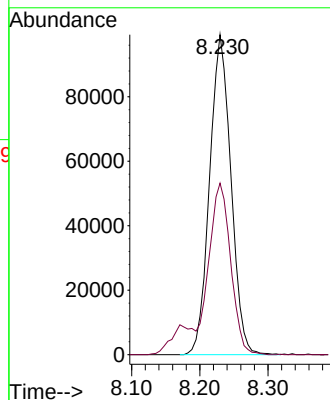
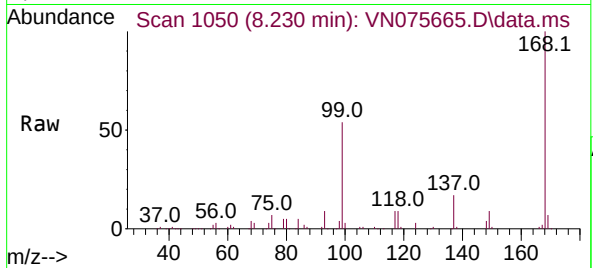




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

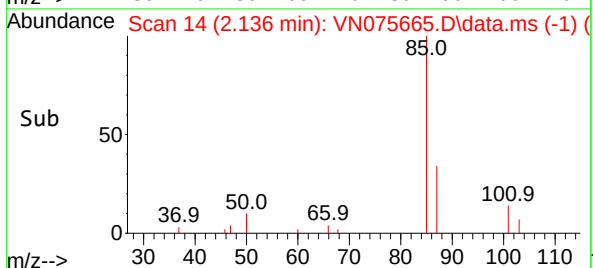
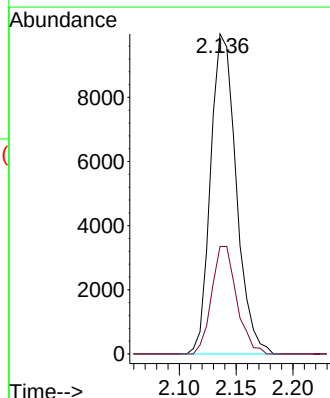
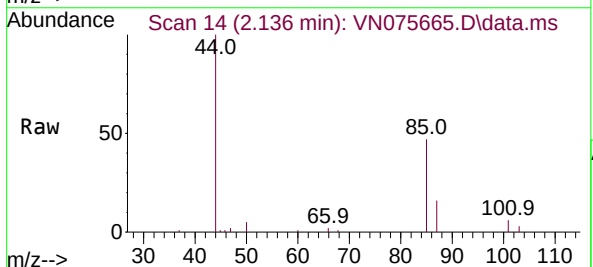
Instrument :  
MSVOA\_N  
ClientSampleId :

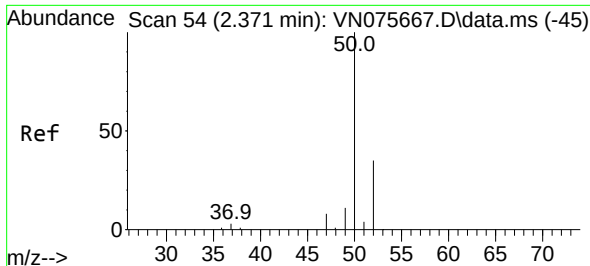
Tgt Ion:168 Resp: 216236  
Ion Ratio Lower Upper  
168 100  
99 53.5 41.2 61.8



#2  
Dichlorodifluoromethane  
Concen: 9.846 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 85 Resp: 15659  
Ion Ratio Lower Upper  
85 100  
87 33.6 16.1 48.2

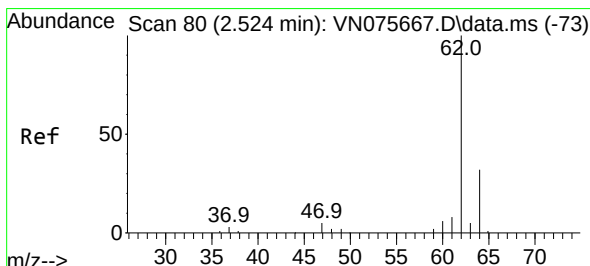
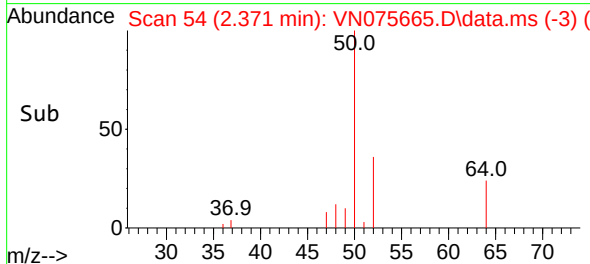
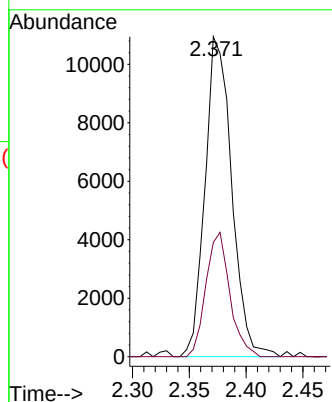
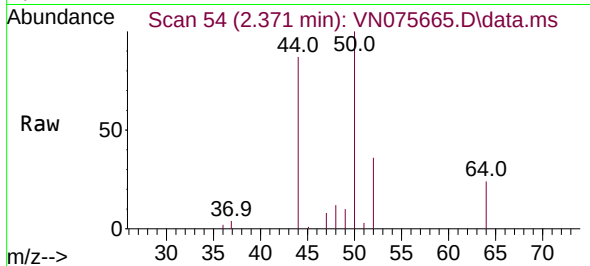




#3  
Chloromethane  
Concen: 9.456 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

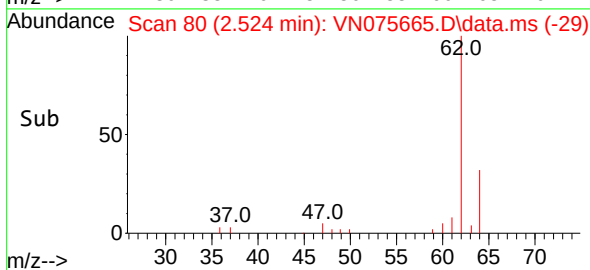
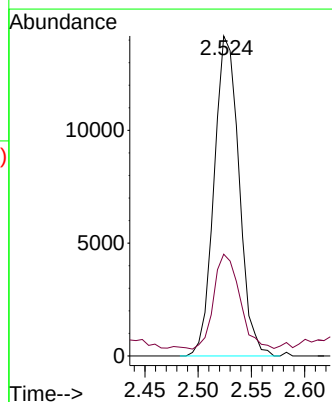
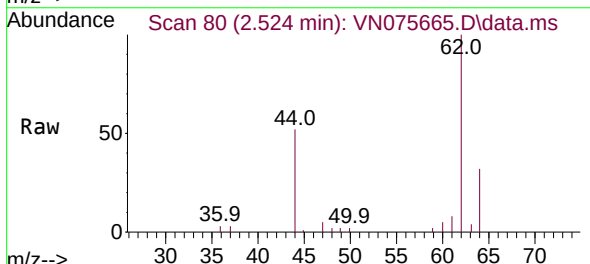
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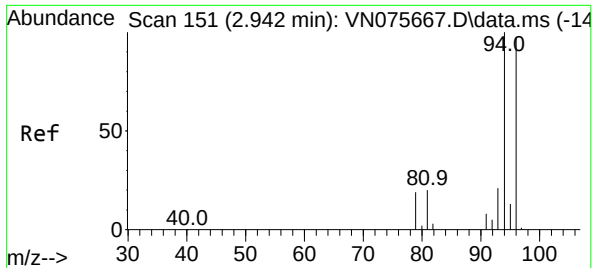
Tgt Ion: 50 Resp: 17918  
Ion Ratio Lower Upper  
50 100  
52 35.7 27.9 41.9



#4  
Vinyl Chloride  
Concen: 9.905 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 62 Resp: 23054  
Ion Ratio Lower Upper  
62 100  
64 29.0 25.9 38.9

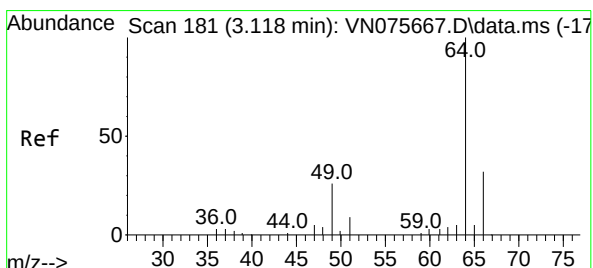
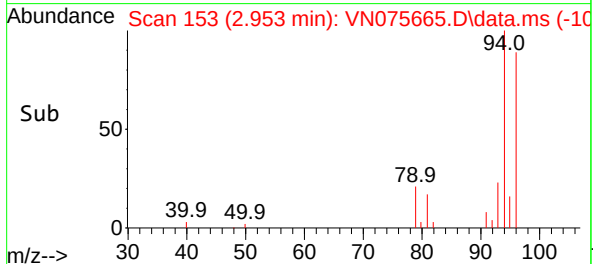
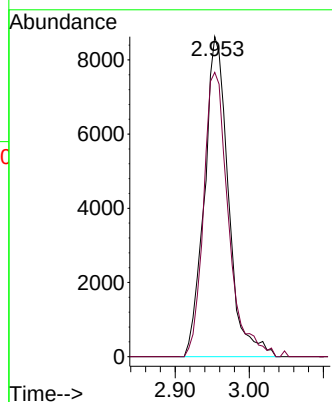
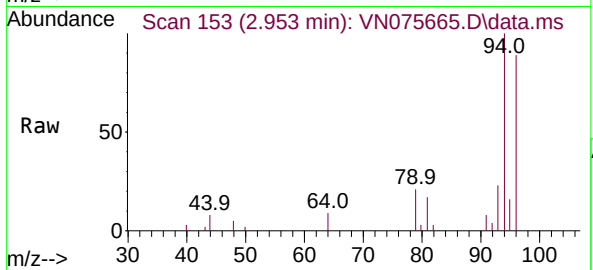




#5  
Bromomethane  
Concen: 9.811 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

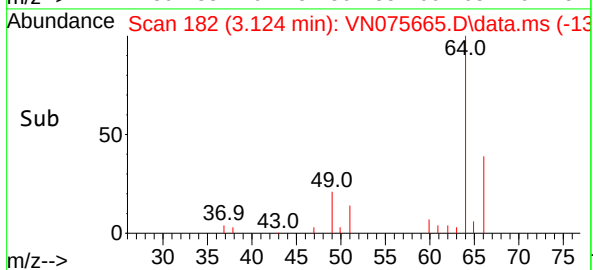
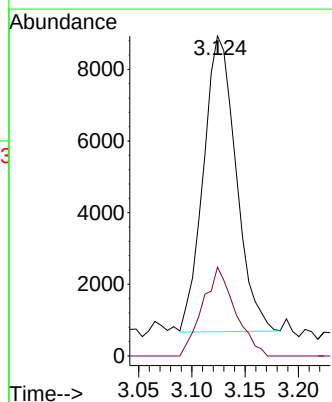
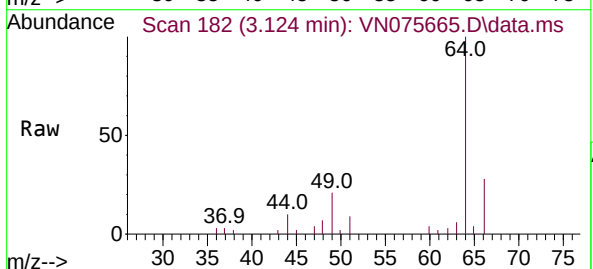
Instrument :  
MSVOA\_N  
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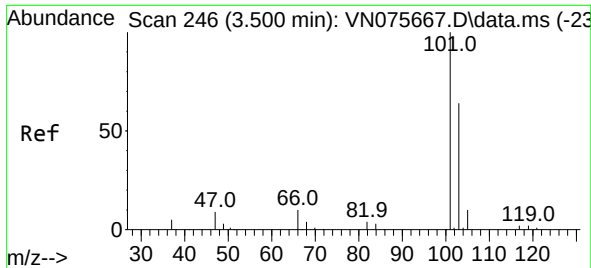
Tgt Ion: 94 Resp: 19448  
Ion Ratio Lower Upper  
94 100  
96 88.8 77.6 116.4



#6  
Chloroethane  
Concen: 10.150 ug/l  
RT: 3.124 min Scan# 182  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 64 Resp: 17626  
Ion Ratio Lower Upper  
64 100  
66 30.2 25.7 38.5

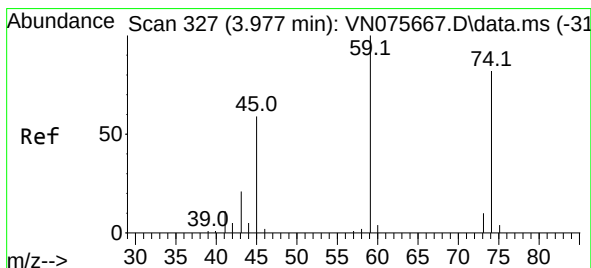
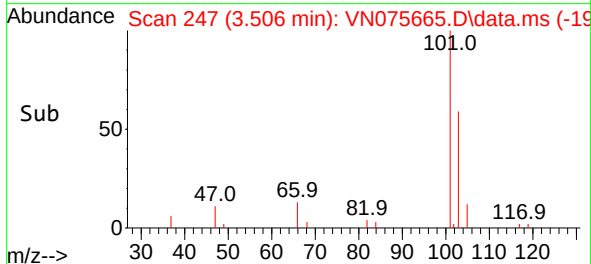
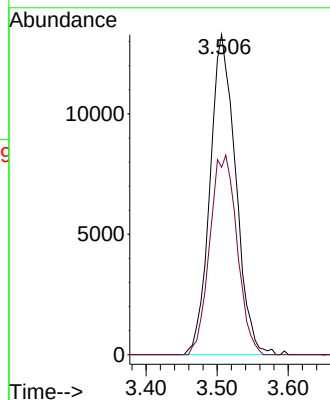
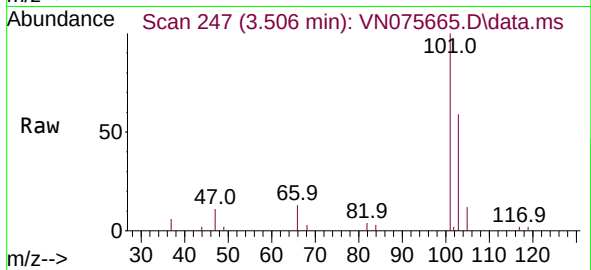




#7  
Trichlorofluoromethane  
Concen: 9.883 ug/l  
RT: 3.506 min Scan# 246  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

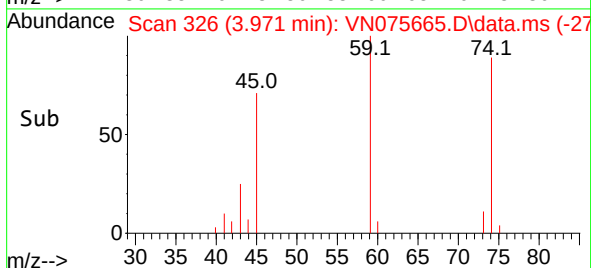
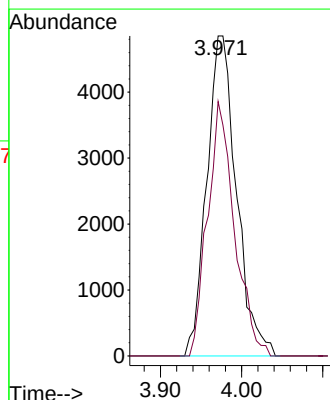
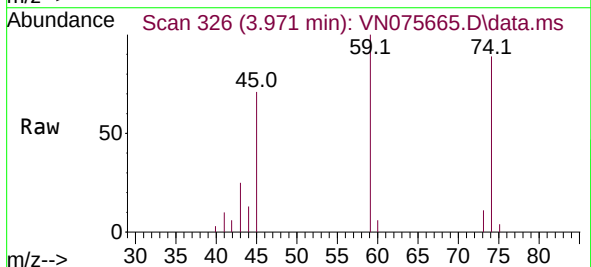
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 33375  
Ion Ratio Lower Upper  
101 100  
103 58.6 51.4 77.2

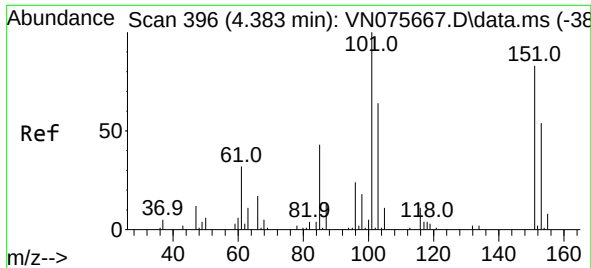


#8  
Diethyl Ether  
Concen: 9.989 ug/l  
RT: 3.971 min Scan# 326  
Delta R.T. -0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 74 Resp: 12332  
Ion Ratio Lower Upper  
74 100  
45 72.2 36.8 110.4



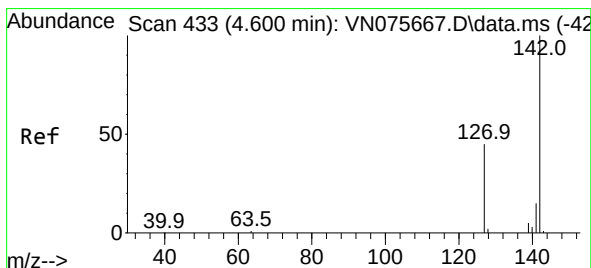
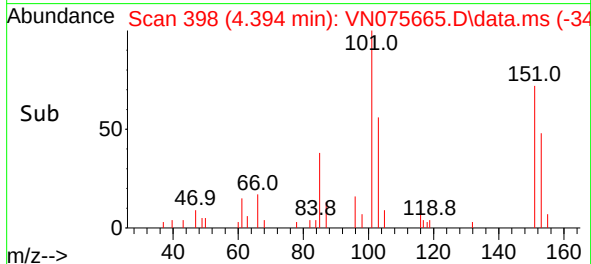
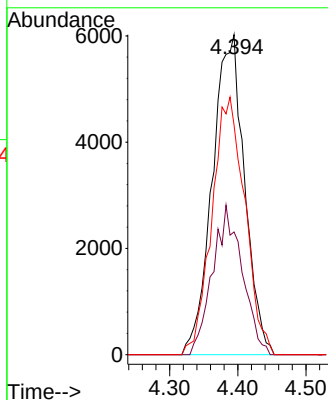
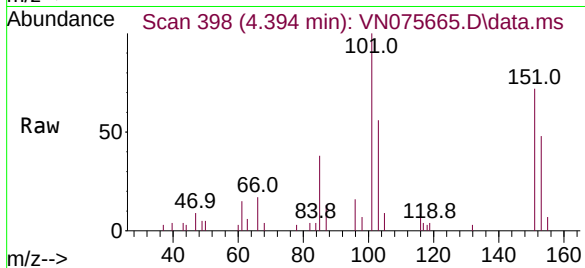




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 9.959 ug/l  
RT: 4.394 min Scan# 396  
Delta R.T. 0.012 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

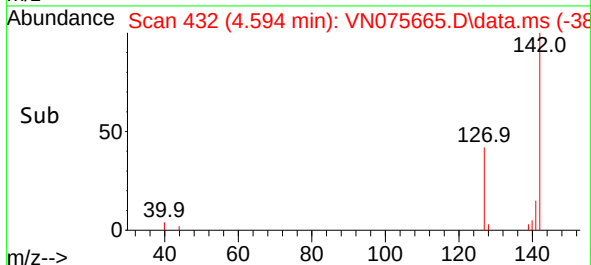
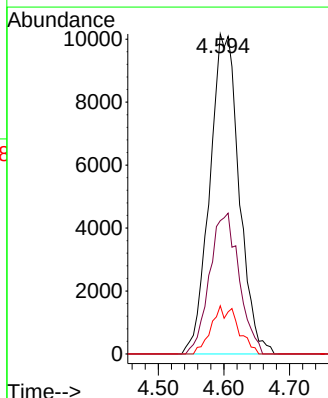
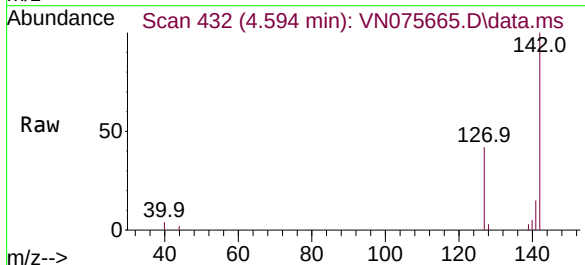
Instrument :  
MSVOA\_N  
ClientSampleId :

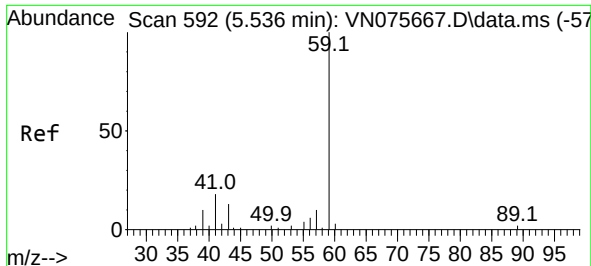
Tgt Ion:101 Resp: 19738  
Ion Ratio Lower Upper  
101 100  
85 43.2 35.3 52.9  
151 82.6 65.6 98.4



#10  
Methyl Iodide  
Concen: 9.765 ug/l  
RT: 4.594 min Scan# 432  
Delta R.T. -0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion:142 Resp: 31624  
Ion Ratio Lower Upper  
142 100  
127 44.2 35.0 52.4  
141 7.1 11.4 17.2#

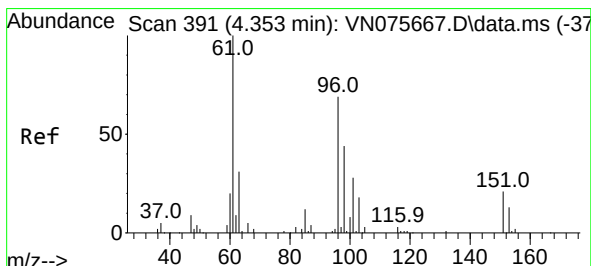
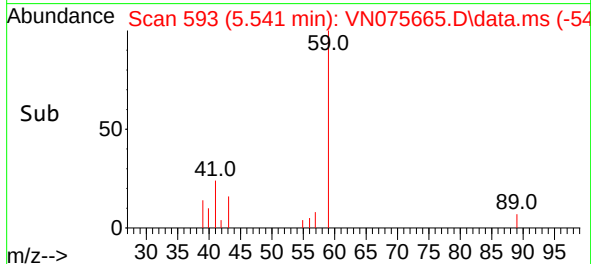
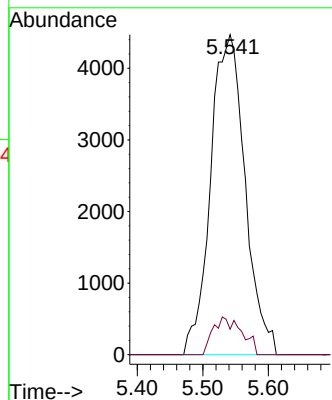
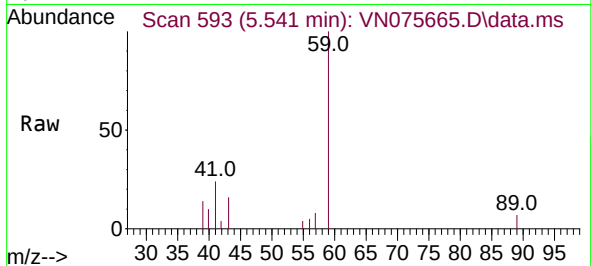




#11  
Tert butyl alcohol  
Concen: 48.009 ug/l  
RT: 5.541 min Scan# 59  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

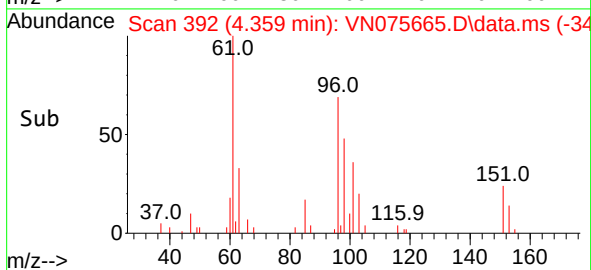
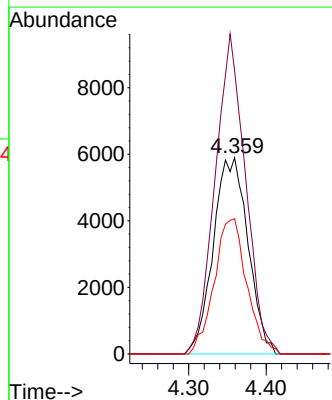
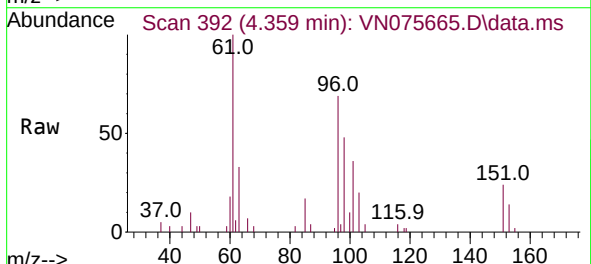
Instrument :  
MSVOA\_N  
ClientSampleId :

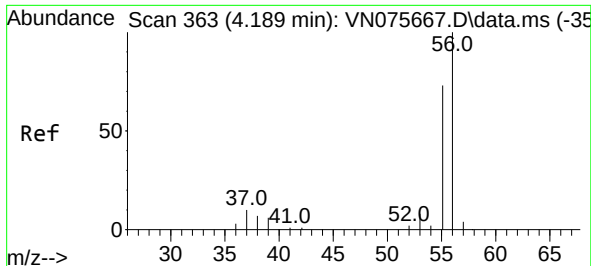
Tgt Ion: 59 Resp: 16295  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 9.931 ug/l  
RT: 4.359 min Scan# 392  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

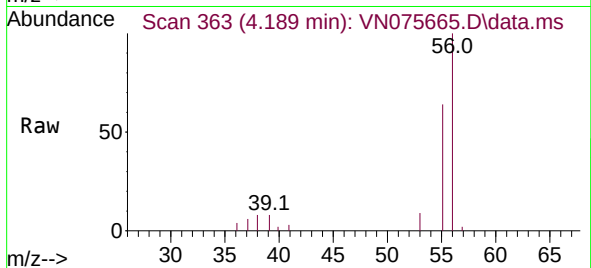
Tgt Ion: 96 Resp: 18397  
Ion Ratio Lower Upper  
96 100  
61 144.3 116.8 175.2  
98 68.8 51.6 77.4



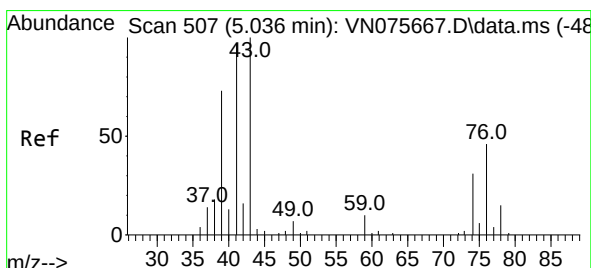
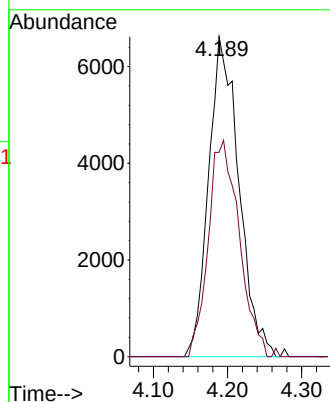
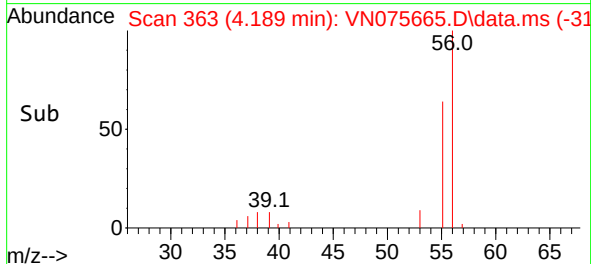


#13  
Acrolein  
Concen: 47.998 ug/l  
RT: 4.189 min Scan# 309  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

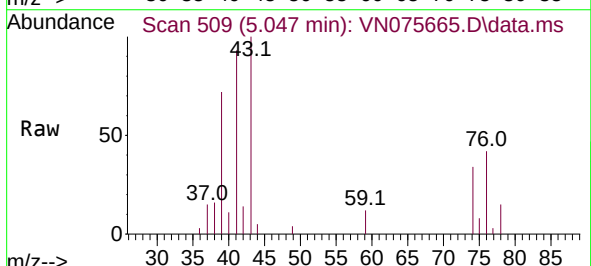
Instrument :  
MSVOA\_N  
ClientSampleId :



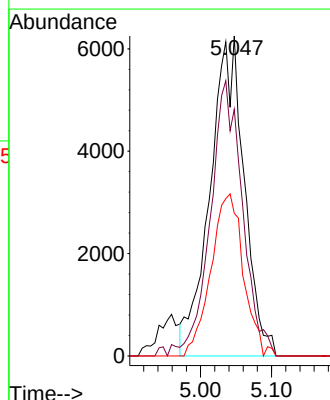
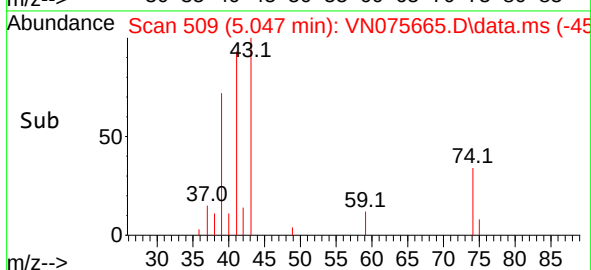
Tgt Ion: 56 Resp: 18763  
Ion Ratio Lower Upper  
56 100  
55 69.0 55.7 83.5

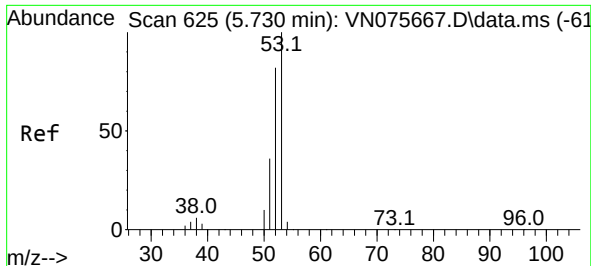


#14  
Allyl chloride  
Concen: 9.055 ug/l  
RT: 5.047 min Scan# 509  
Delta R.T. 0.012 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21



Tgt Ion: 41 Resp: 20889  
Ion Ratio Lower Upper  
41 100  
39 81.1 64.6 96.8  
76 48.2 40.9 61.3

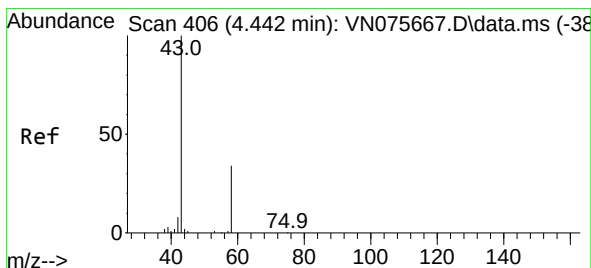
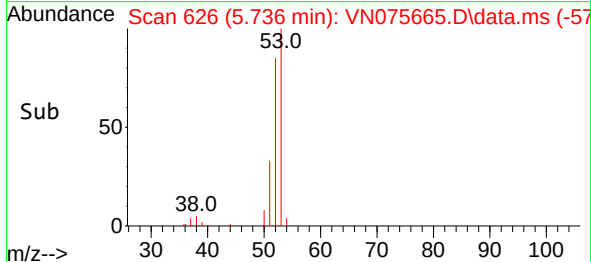
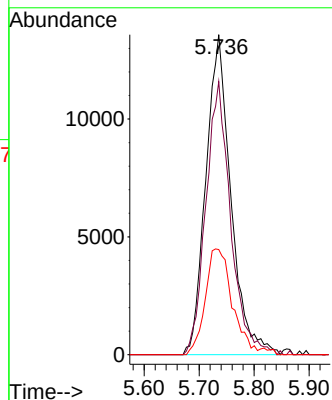
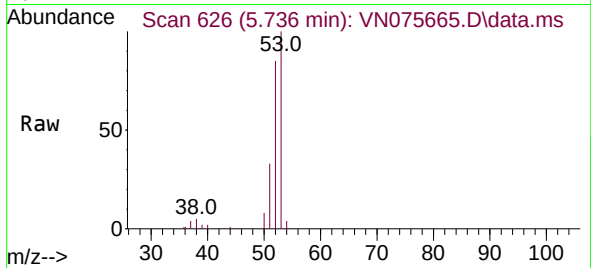




#15  
Acrylonitrile  
Concen: 48.953 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

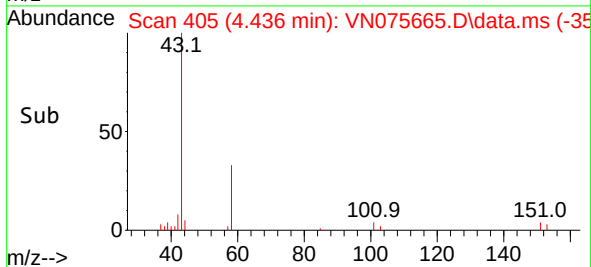
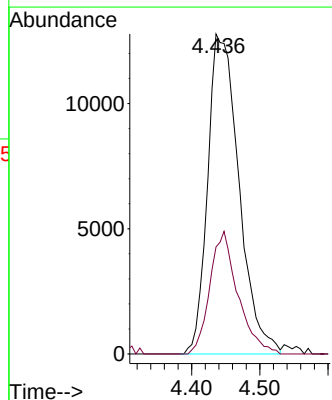
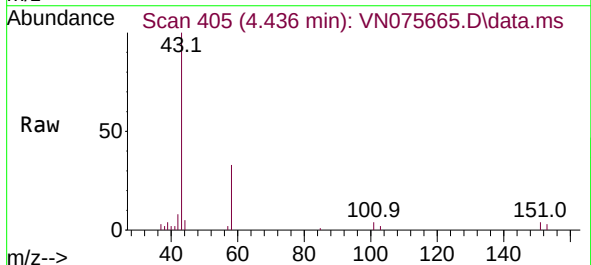
Instrument :  
MSVOA\_N  
ClientSampleId :

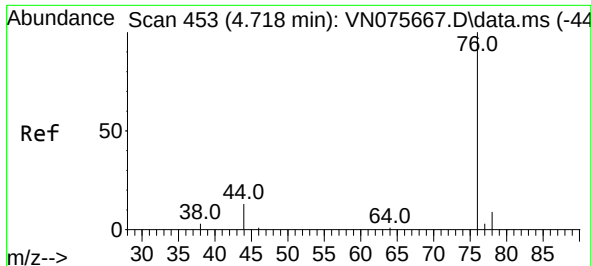
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 42918 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 84.7     | 65.0 97.4   |
| 51 35.8     | 28.9 43.3   |



#16  
Acetone  
Concen: 52.450 ug/l  
RT: 4.436 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

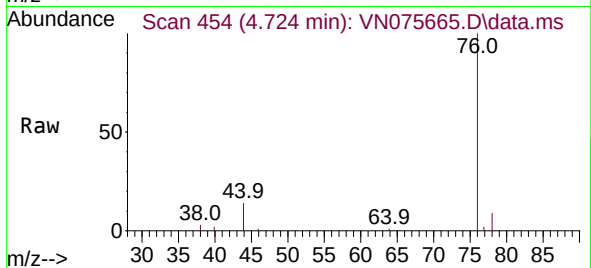
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 40753 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 33.5     | 27.0 40.4   |



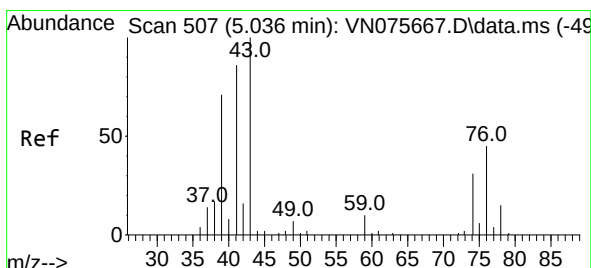
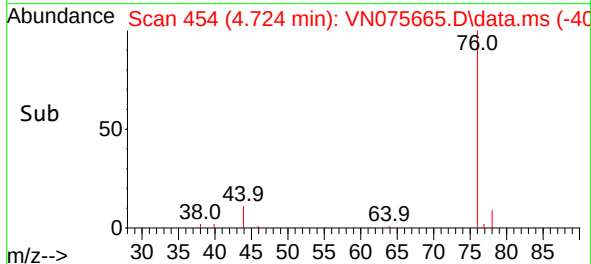
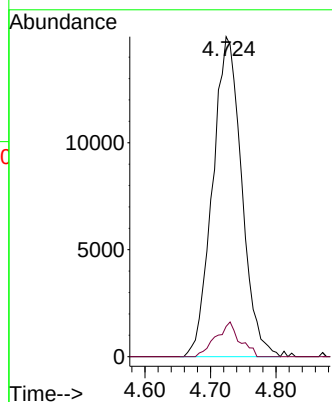


#17  
Carbon Disulfide  
Concen: 9.388 ug/l  
RT: 4.724 min Scan# 453  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Instrument :  
MSVOA\_N  
ClientSampleId :

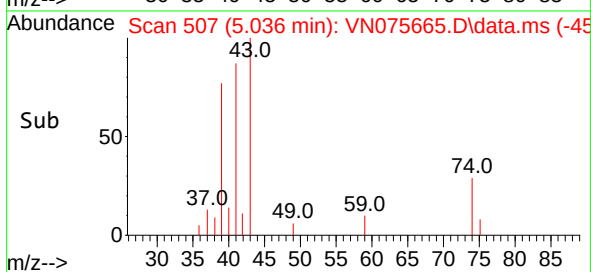
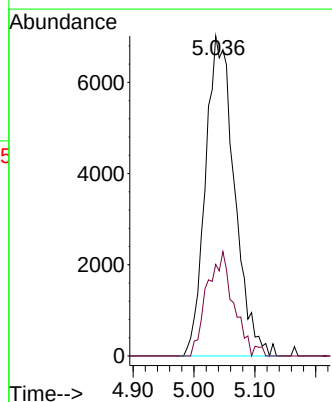
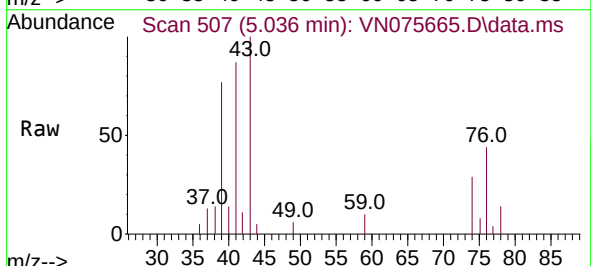


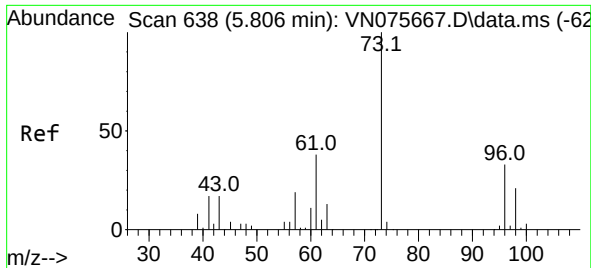
Tgt Ion: 76 Resp: 46016  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.2



#18  
Methyl Acetate  
Concen: 9.317 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 43 Resp: 23261  
Ion Ratio Lower Upper  
43 100  
74 29.2 24.5 36.7

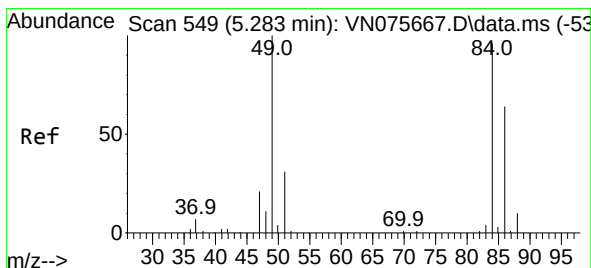
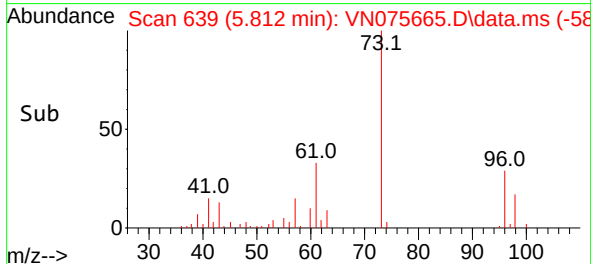
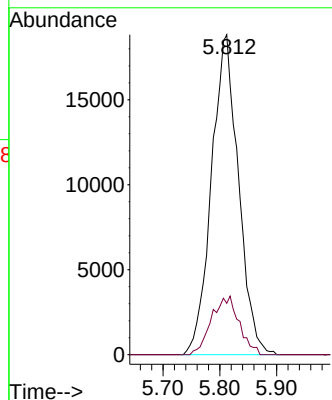
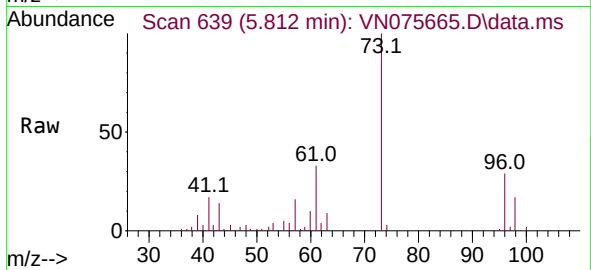




#19  
Methyl tert-butyl Ether  
Concen: 9.952 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

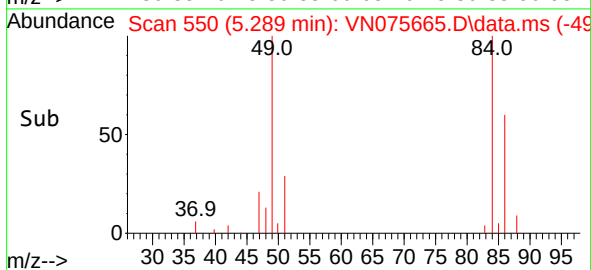
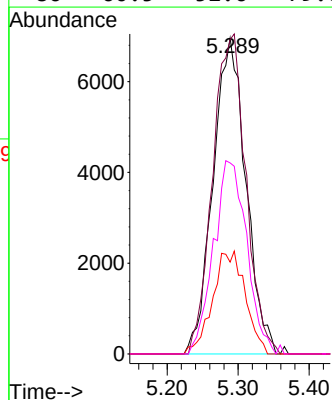
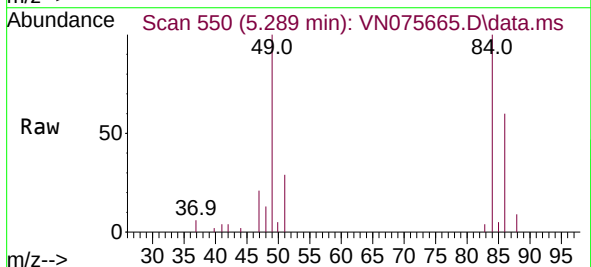
Instrument :  
MSVOA\_N  
ClientSampleId :

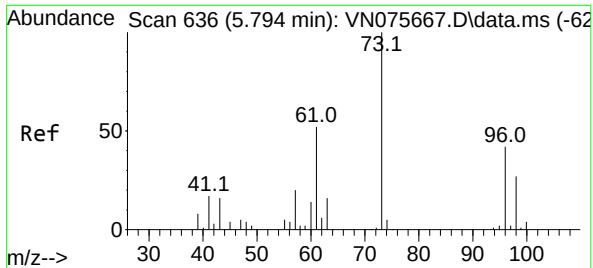
Tgt Ion: 73 Resp: 62017  
Ion Ratio Lower Upper  
73 100  
57 16.1 15.1 22.7



#20  
Methylene Chloride  
Concen: 9.630 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

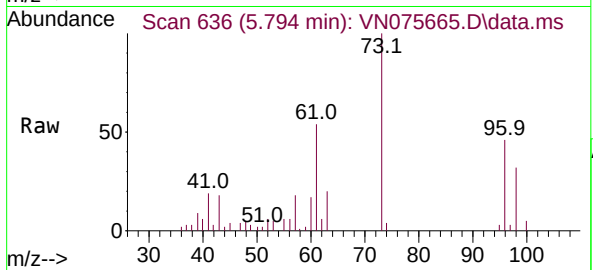
Tgt Ion: 84 Resp: 22305  
Ion Ratio Lower Upper  
84 100  
49 99.5 83.0 124.4  
51 29.1 26.0 39.0  
86 60.5 52.6 79.0



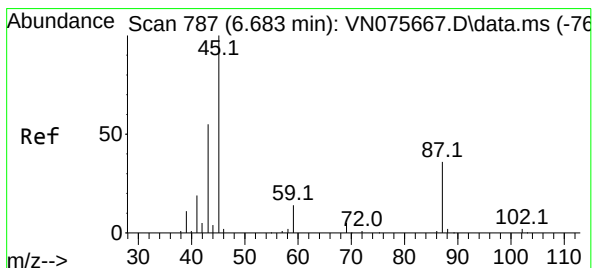
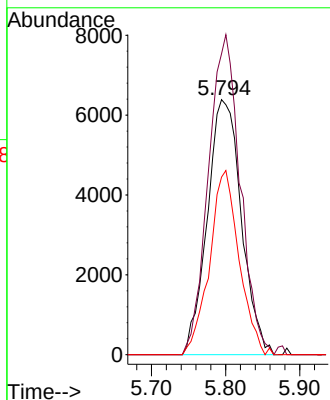
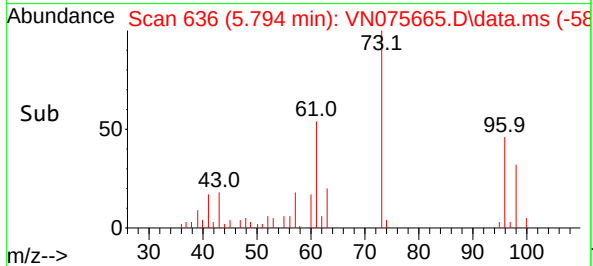


#21  
trans-1,2-Dichloroethene  
Concen: 9.825 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

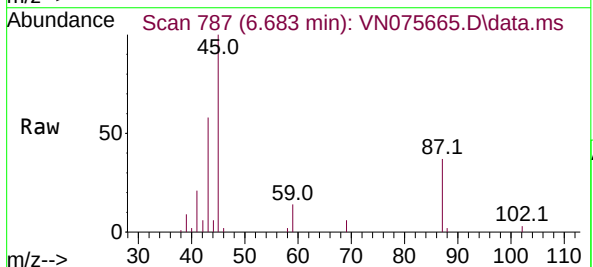
Instrument :  
MSVOA\_N  
ClientSampleId :



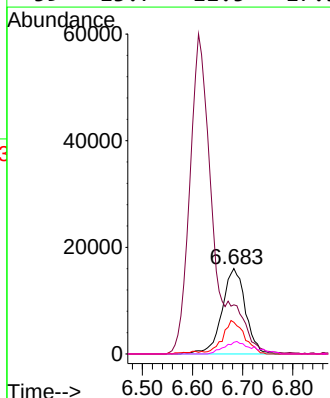
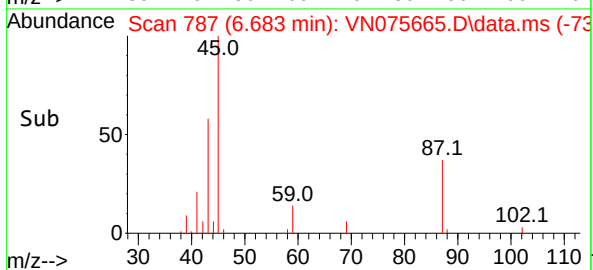
Tgt Ion: 96 Resp: 20339  
Ion Ratio Lower Upper  
96 100  
61 118.0 100.5 150.7  
98 69.6 52.7 79.1

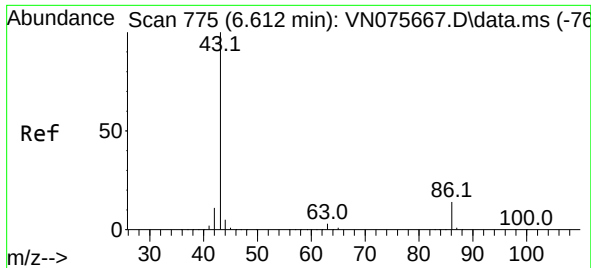


#22  
Diisopropyl ether  
Concen: 9.844 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21



Tgt Ion: 45 Resp: 51669  
Ion Ratio Lower Upper  
45 100  
43 55.8 44.9 67.3  
87 37.1 28.8 43.2  
59 13.7 11.5 17.3

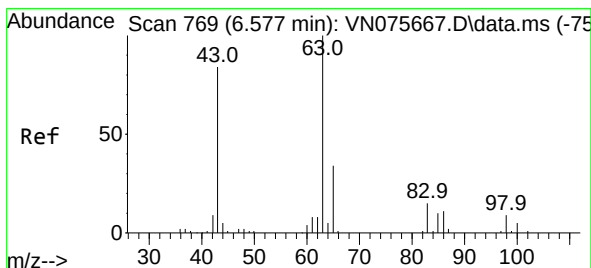
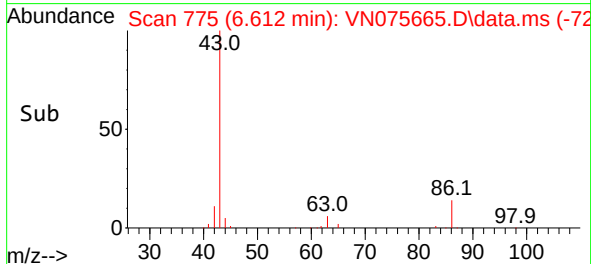
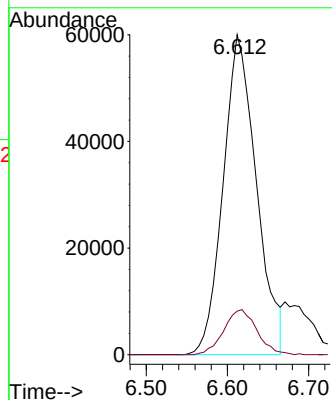
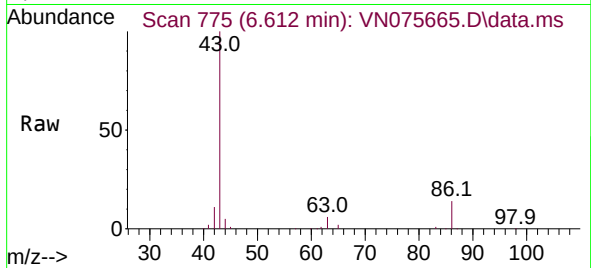




#23  
 Vinyl Acetate  
 Concen: 42.735 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: VN075665.D  
 Acq: 09 Dec 2022 13:21

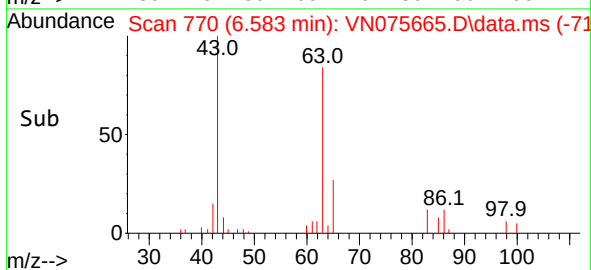
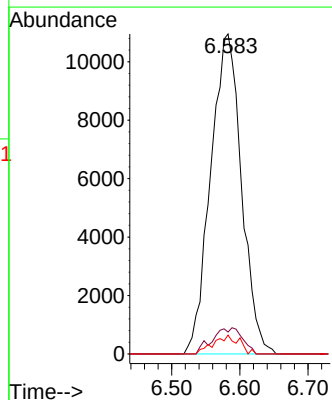
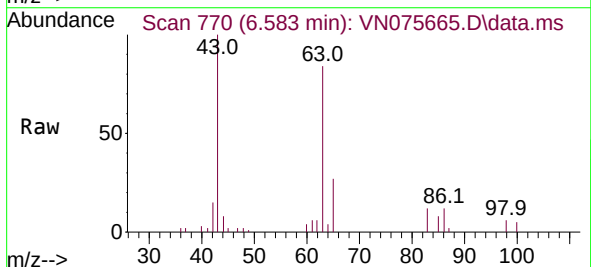
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 171041  
 Ion Ratio Lower Upper  
 43 100  
 86 13.6 11.5 17.3

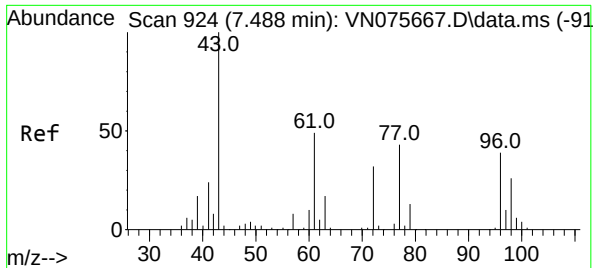


#24  
 1,1-Dichloroethane  
 Concen: 9.985 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. 0.006 min  
 Lab File: VN075665.D  
 Acq: 09 Dec 2022 13:21

Tgt Ion: 63 Resp: 34497  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 4.3 12.9  
 100 5.9 2.6 7.8



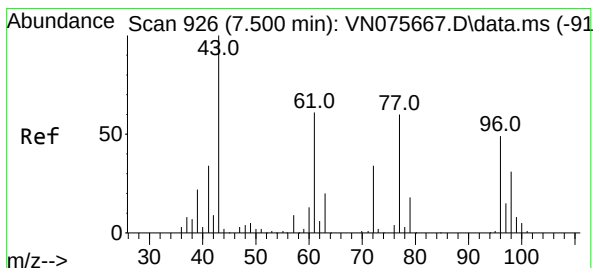
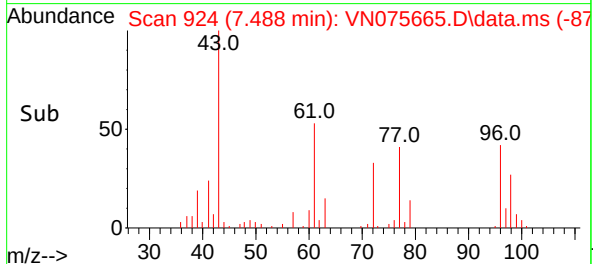
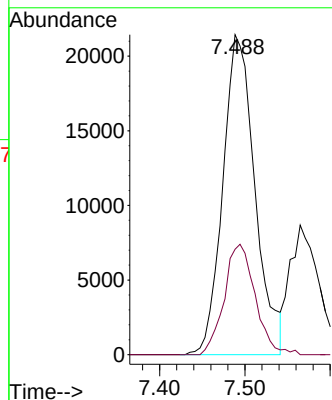
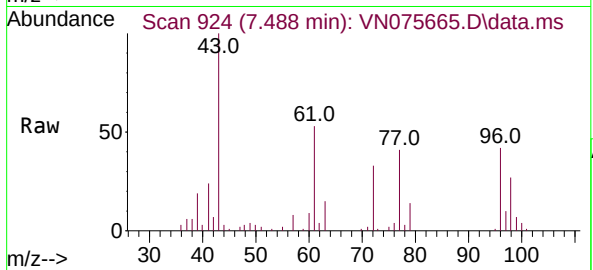




#25  
2-Butanone  
Concen: 49.519 ug/l  
RT: 7.488 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

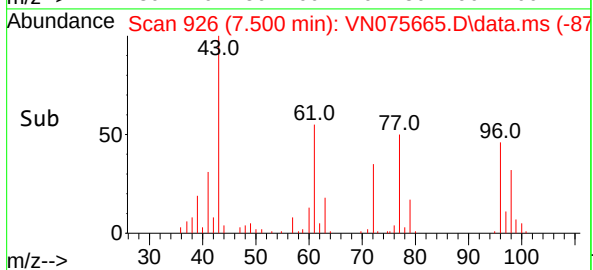
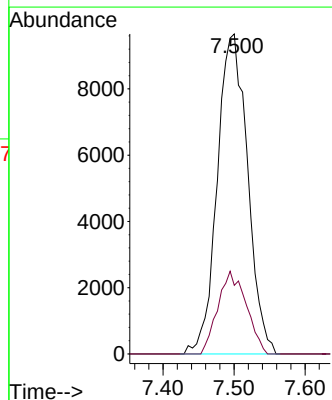
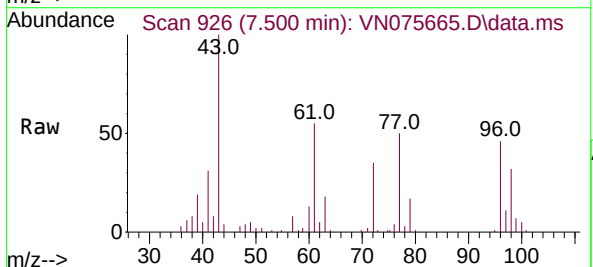
Instrument :  
MSVOA\_N  
ClientSampleId :

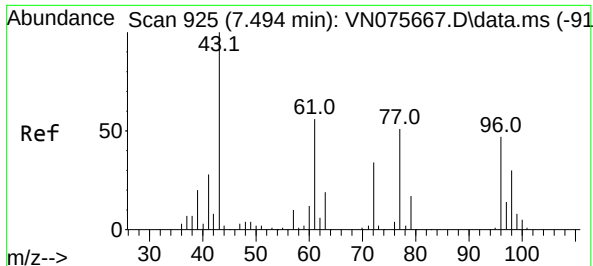
Tgt Ion: 43 Resp: 56246  
Ion Ratio Lower Upper  
43 100  
72 33.0 25.3 37.9



#26  
2,2-Dichloropropane  
Concen: 9.700 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 77 Resp: 28584  
Ion Ratio Lower Upper  
77 100  
97 24.2 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 9.817 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

ClientSampleId :

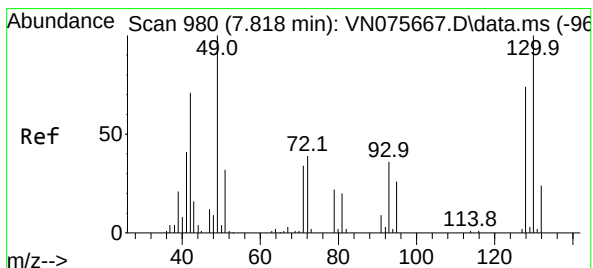
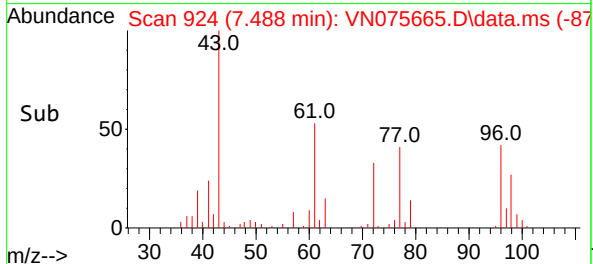
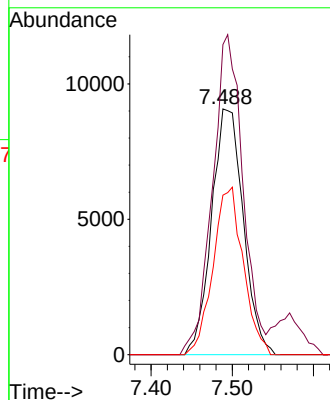
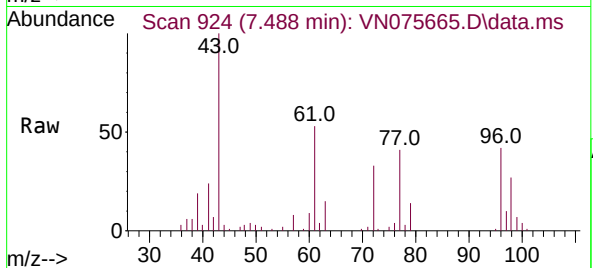
Tgt Ion: 96 Resp: 24671

Ion Ratio Lower Upper

96 100

61 124.8 0.0 247.8

98 64.8 0.0 126.0



#28

Bromochloromethane

Concen: 10.057 ug/l

RT: 7.818 min Scan# 980

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

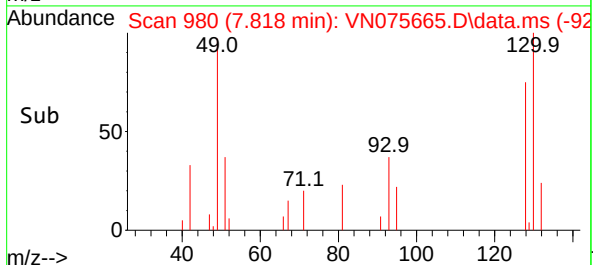
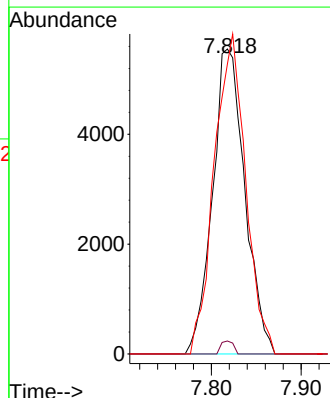
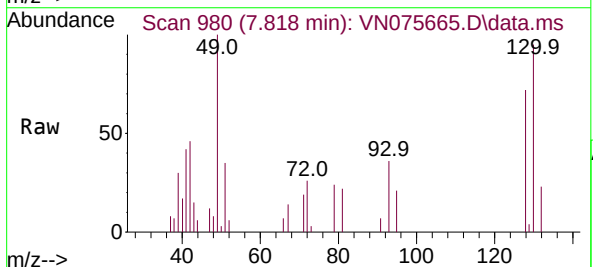
Tgt Ion: 49 Resp: 13893

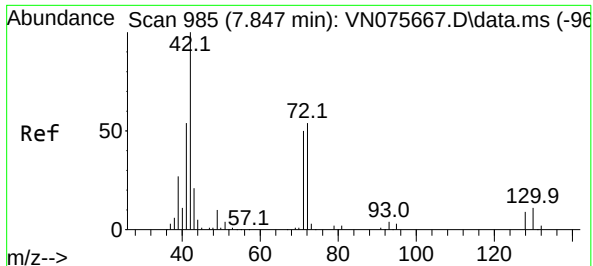
Ion Ratio Lower Upper

49 100

129 1.6 0.0 5.4

130 101.8 78.5 117.7

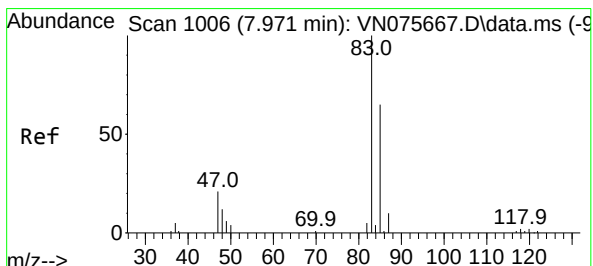
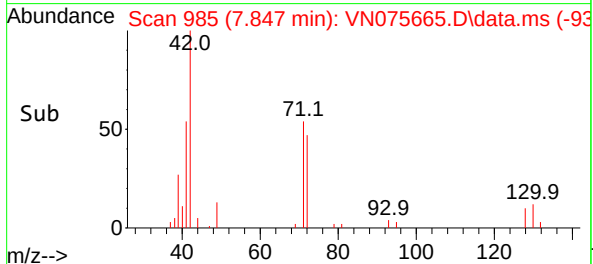
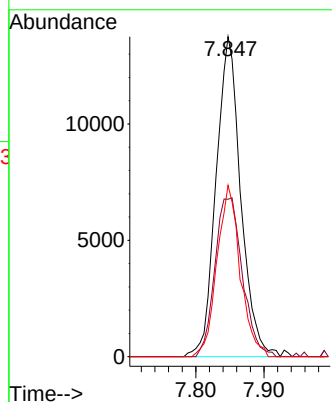
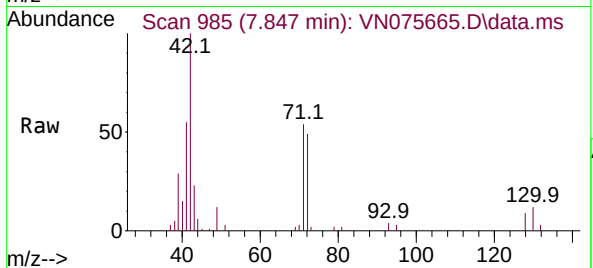




#29  
Tetrahydrofuran  
Concen: 49.466 ug/l  
RT: 7.847 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

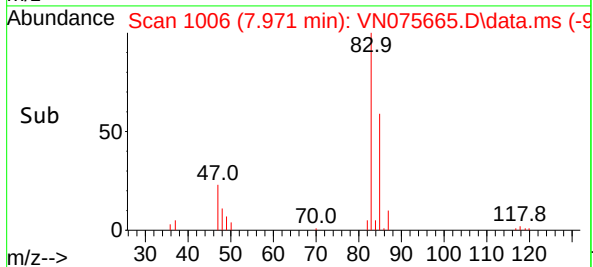
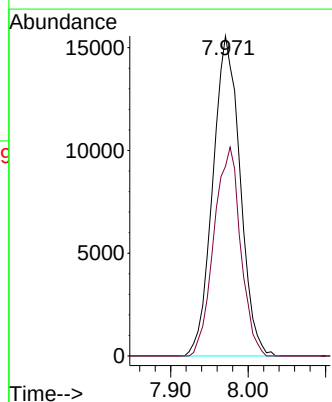
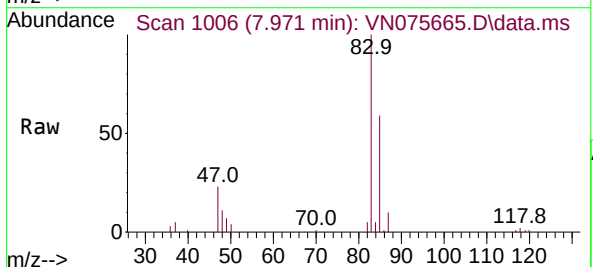
Instrument :  
MSVOA\_N  
ClientSampleId :

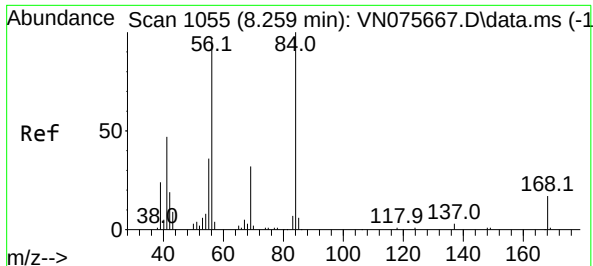
Tgt Ion: 42 Resp: 34631  
Ion Ratio Lower Upper  
42 100  
72 55.4 44.6 67.0  
71 50.3 41.2 61.8



#30  
Chloroform  
Concen: 9.938 ug/l  
RT: 7.971 min Scan# 1006  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

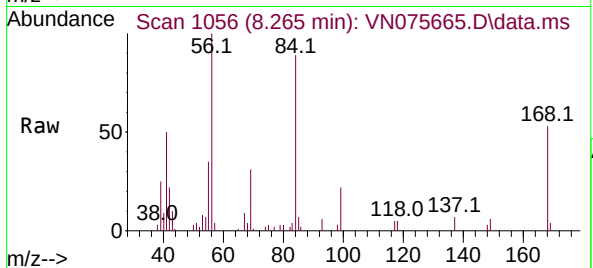
Tgt Ion: 83 Resp: 38033  
Ion Ratio Lower Upper  
83 100  
85 59.2 51.8 77.6



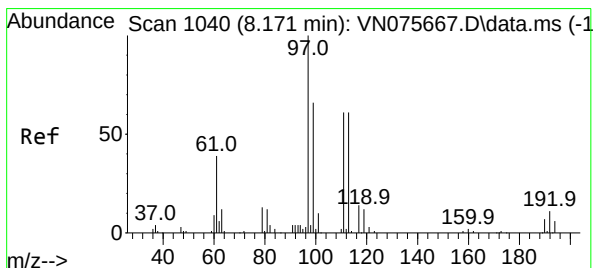
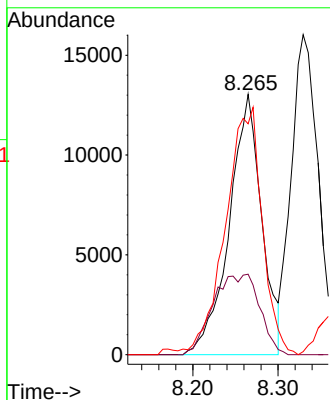
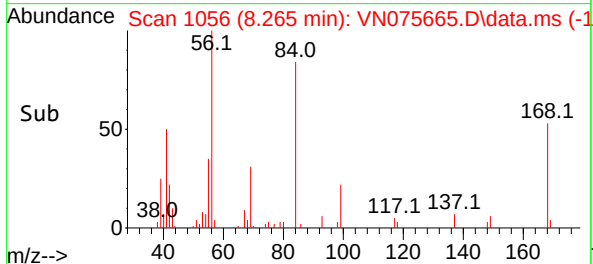


#31  
Cyclohexane  
Concen: 10.169 ug/l  
RT: 8.265 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

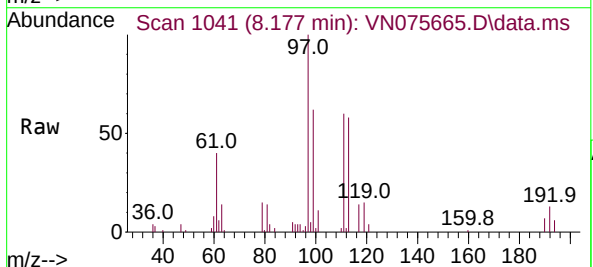
Instrument :  
MSVOA\_N  
ClientSampleId :



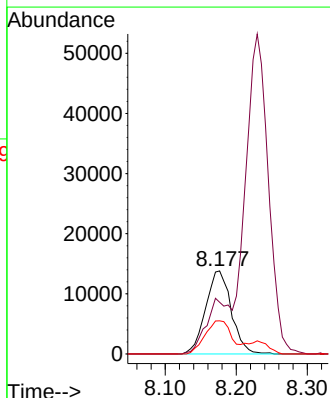
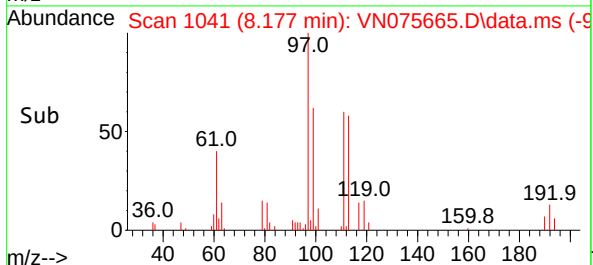
Tgt Ion: 56 Resp: 34543  
Ion Ratio Lower Upper  
56 100  
69 30.9 26.2 39.2  
84 87.2 82.8 124.2

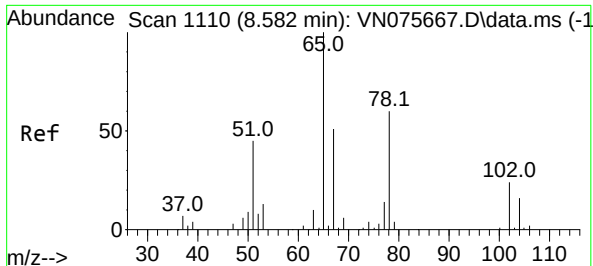


#32  
1,1,1-Trichloroethane  
Concen: 9.813 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21



Tgt Ion: 97 Resp: 34645  
Ion Ratio Lower Upper  
97 100  
99 62.6 51.2 76.8  
61 40.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 9.917 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

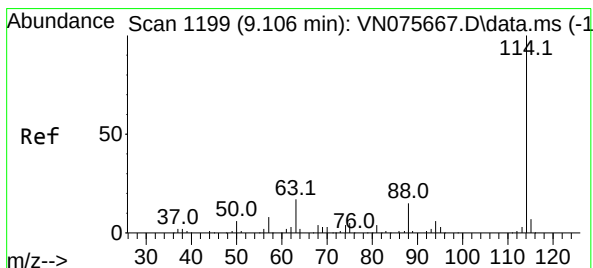
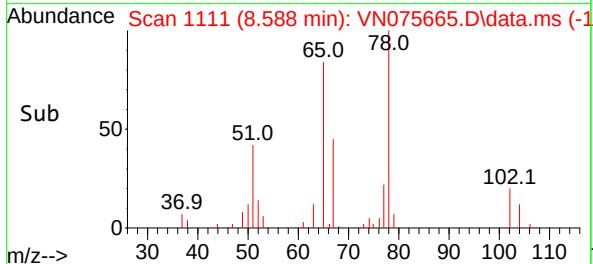
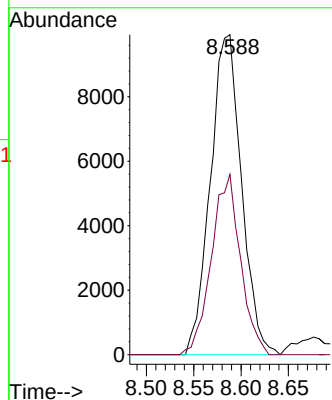
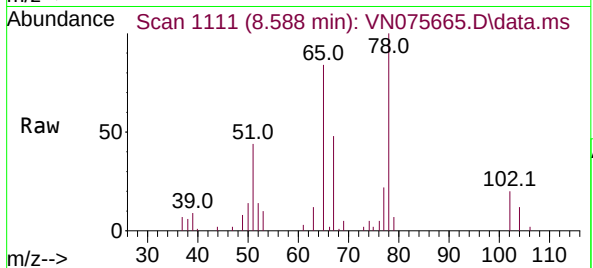
ClientSampleId :

Tgt Ion: 65 Resp: 22752

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

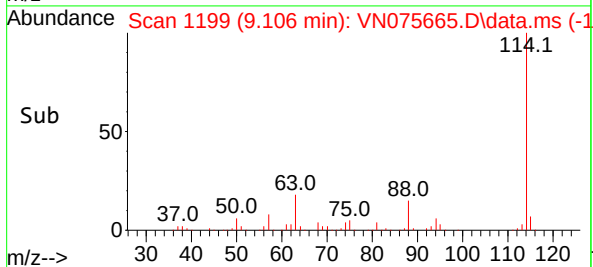
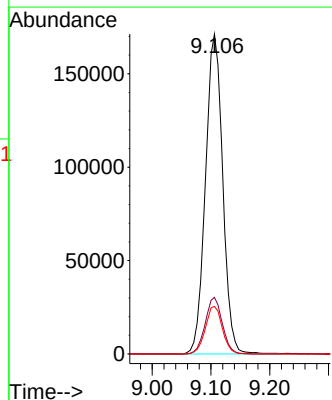
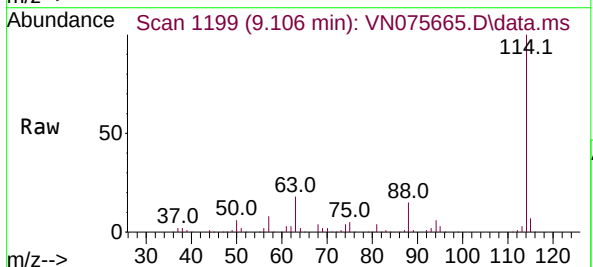
Tgt Ion: 114 Resp: 348896

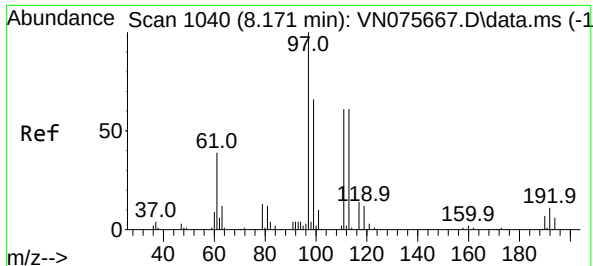
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 9.836 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

ClientSampleId :

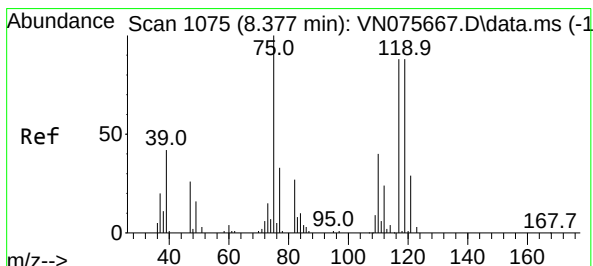
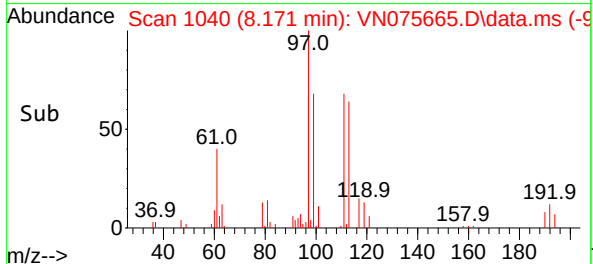
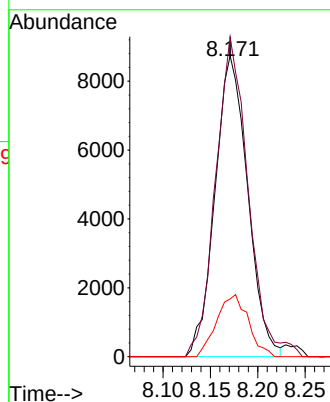
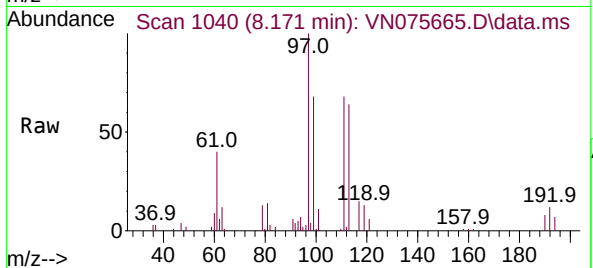
Tgt Ion:113 Resp: 20938

Ion Ratio Lower Upper

113 100

111 105.9 81.0 121.6

192 19.9 16.2 24.2



#36

1,1-Dichloropropene

Concen: 9.755 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

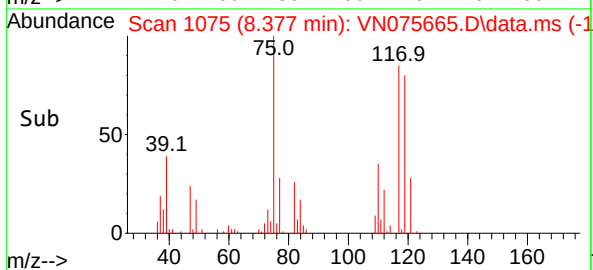
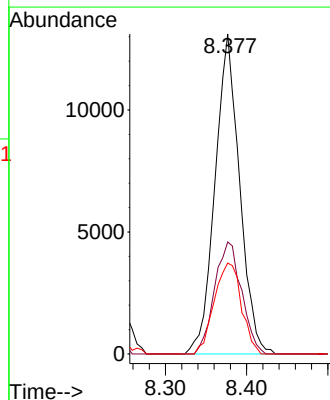
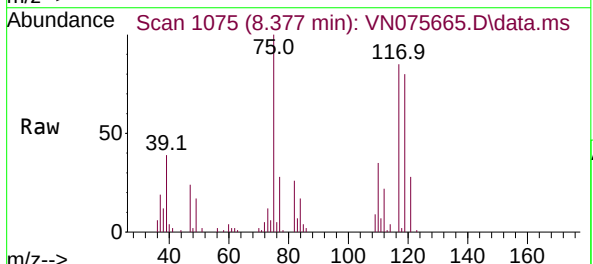
Tgt Ion: 75 Resp: 27573

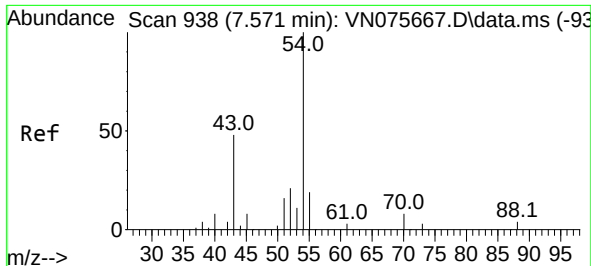
Ion Ratio Lower Upper

75 100

110 38.4 18.9 56.9

77 31.4 25.4 38.2





#37

Ethyl Acetate

Concen: 9.442 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

ClientSampleId :

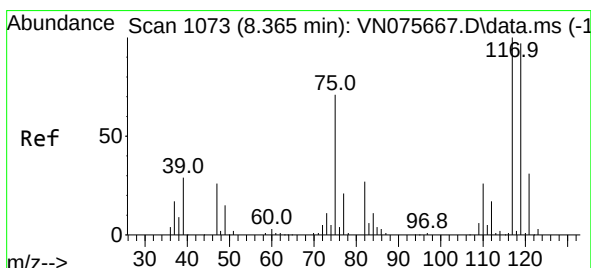
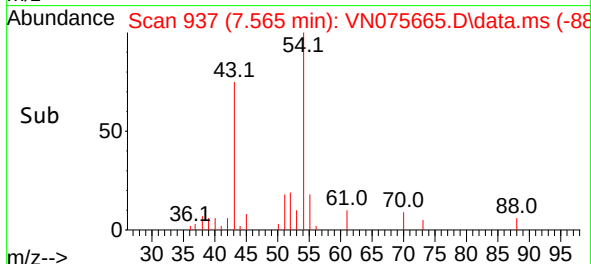
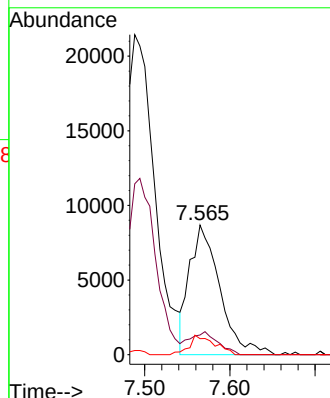
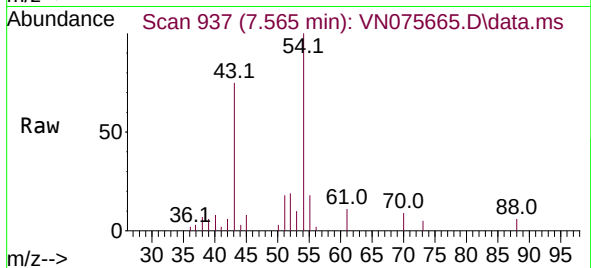
Tgt Ion: 43 Resp: 21428

Ion Ratio Lower Upper

43 100

61 16.7 13.3 19.9

70 12.4 9.9 14.9



#38

Carbon Tetrachloride

Concen: 9.638 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

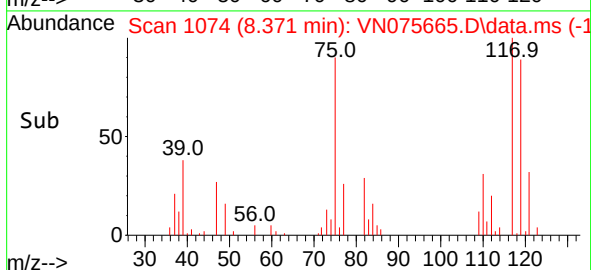
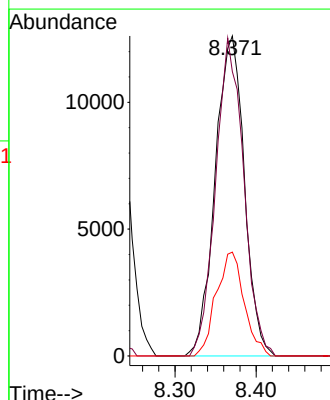
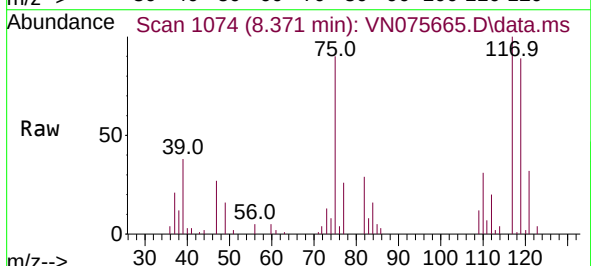
Tgt Ion: 117 Resp: 31437

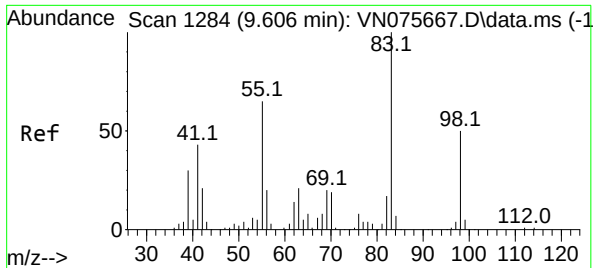
Ion Ratio Lower Upper

117 100

119 88.9 77.2 115.8

121 32.5 24.6 37.0





#39

Methylcyclohexane

Concen: 9.582 ug/l

RT: 9.606 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

ClientSampleId :

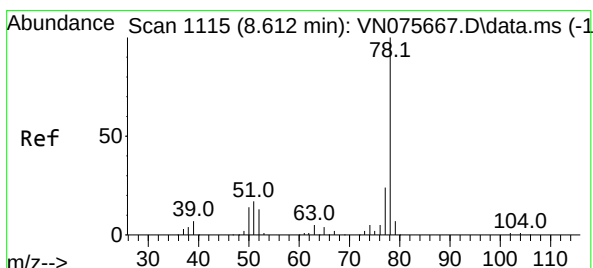
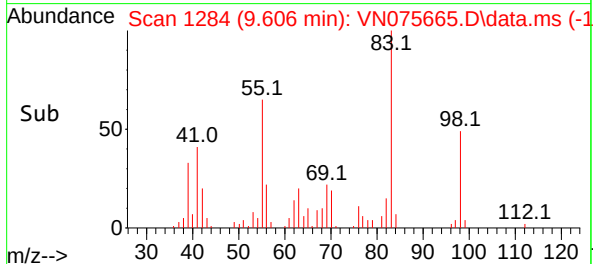
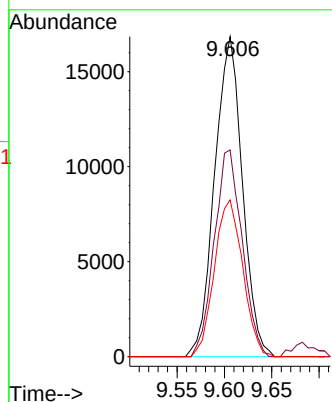
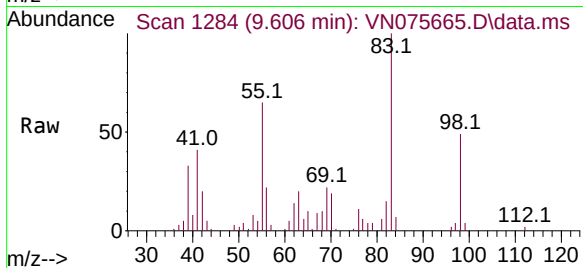
Tgt Ion: 83 Resp: 34343

Ion Ratio Lower Upper

83 100

55 64.6 51.6 77.4

98 49.0 39.8 59.8



#40

Benzene

Concen: 9.893 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075665.D

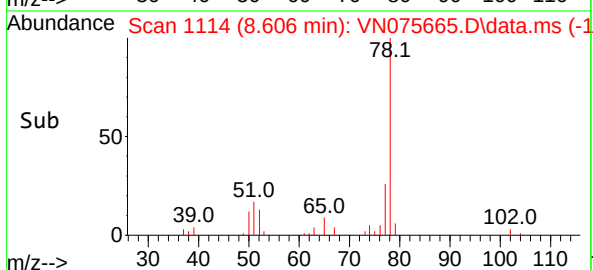
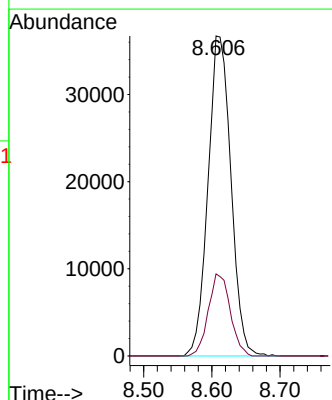
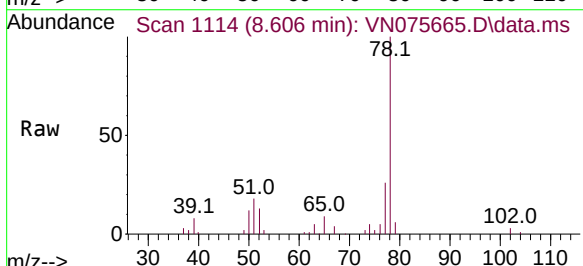
Acq: 09 Dec 2022 13:21

Tgt Ion: 78 Resp: 85817

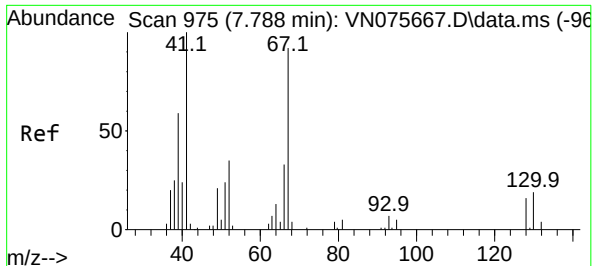
Ion Ratio Lower Upper

78 100

77 25.7 19.1 28.7



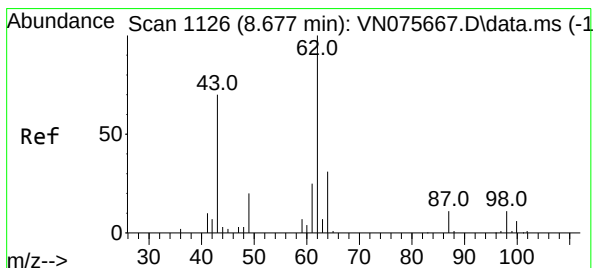
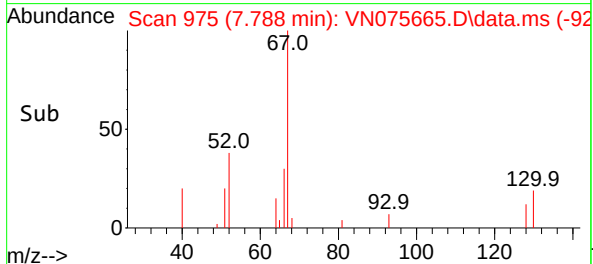
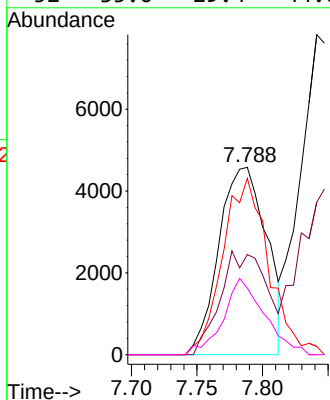
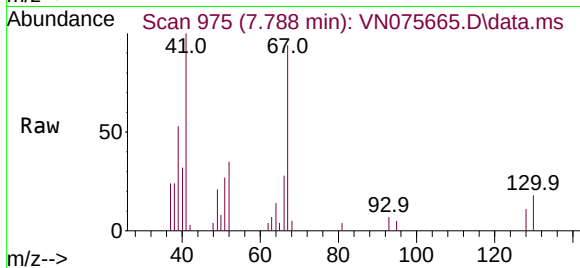




#41  
Methacrylonitrile  
Concen: 9.962 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

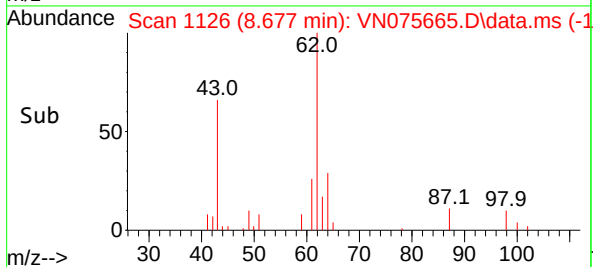
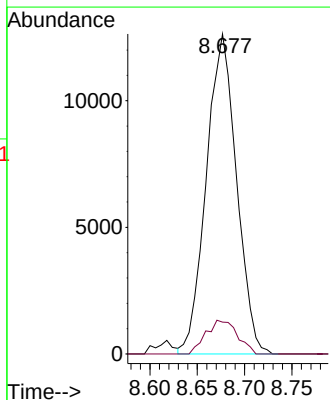
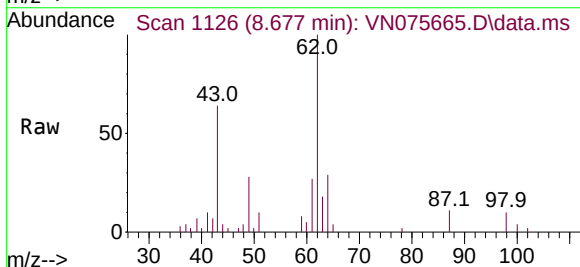
Instrument :  
MSVOA\_N  
ClientSampleId :

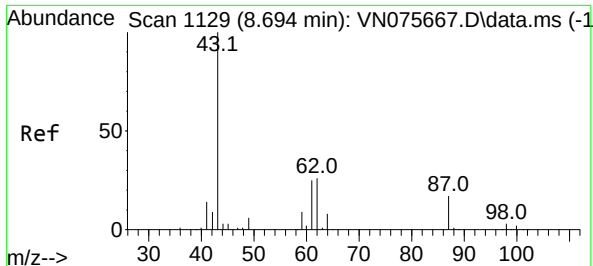
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 11592 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 53.8     | 46.3 69.5   |
| 67 90.7     | 74.0 111.0  |
| 52 35.0     | 29.4 44.0   |



#42  
1,2-Dichloroethane  
Concen: 9.661 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 28035 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 10.9     | 0.0 21.8    |





#43

Isopropyl Acetate

Concen: 9.654 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

ClientSampleId :

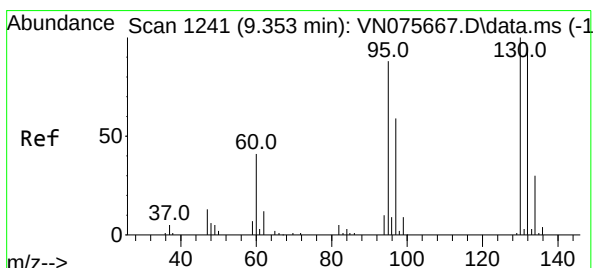
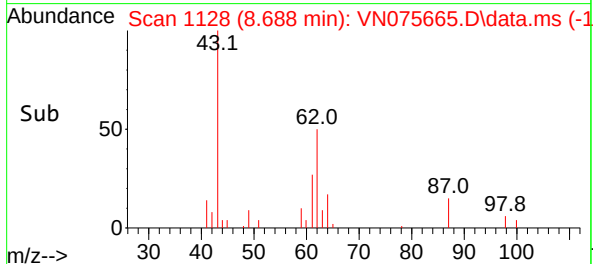
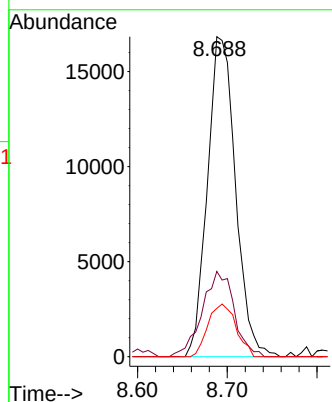
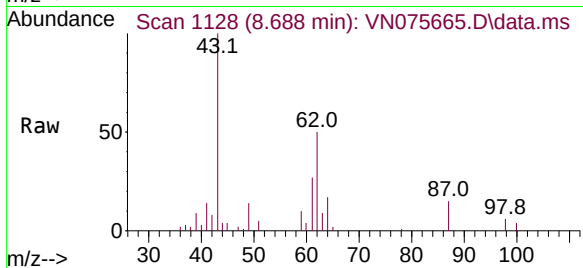
Tgt Ion: 43 Resp: 36575

Ion Ratio Lower Upper

43 100

61 30.2 23.8 35.8

87 16.4 13.7 20.5



#44

Trichloroethene

Concen: 9.954 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VN075665.D

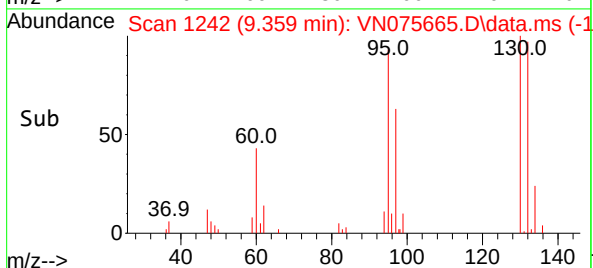
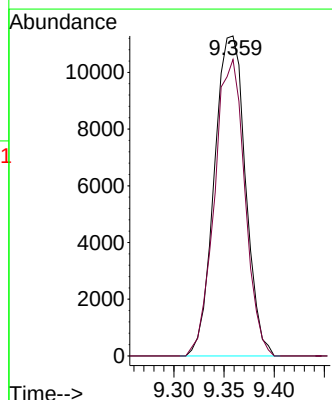
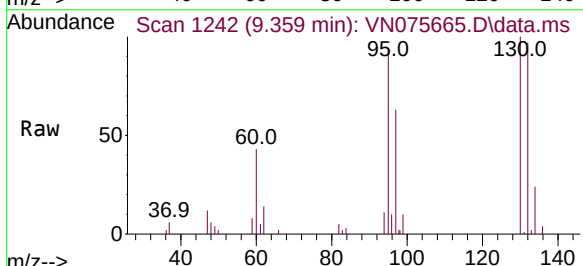
Acq: 09 Dec 2022 13:21

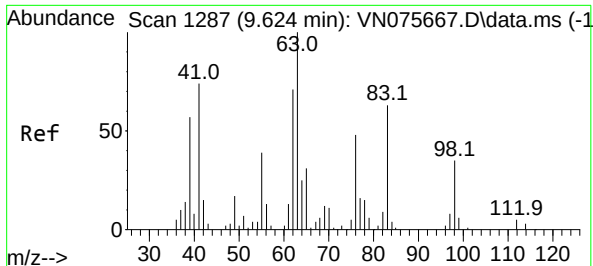
Tgt Ion:130 Resp: 24359

Ion Ratio Lower Upper

130 100

95 92.7 0.0 176.8





#45

1,2-Dichloropropane

Concen: 9.696 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

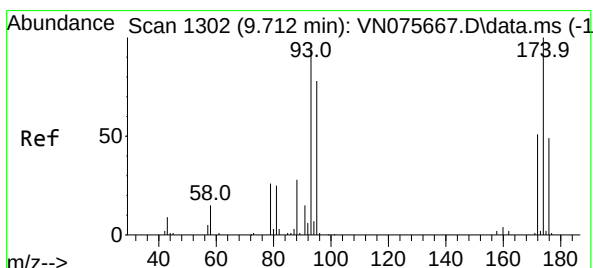
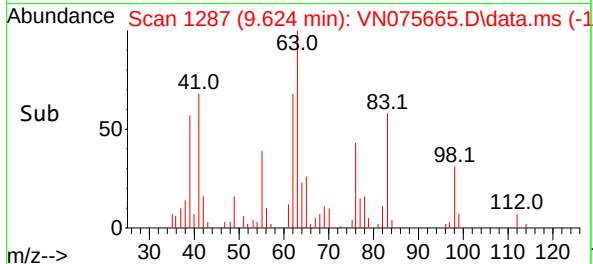
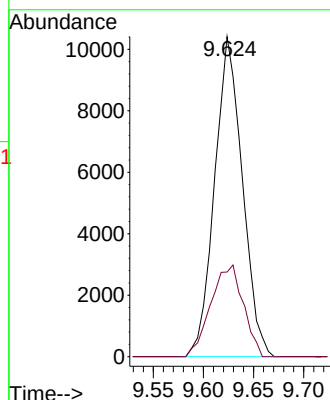
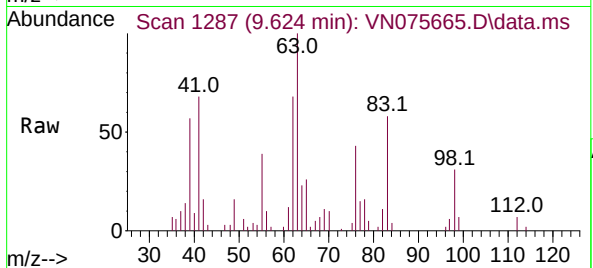
ClientSampleId :

Tgt Ion: 63 Resp: 20003

Ion Ratio Lower Upper

63 100

65 26.4 25.1 37.7



#46

Dibromomethane

Concen: 9.880 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

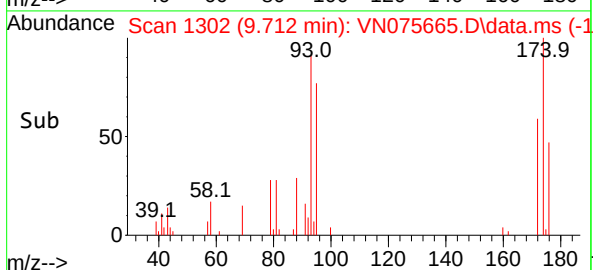
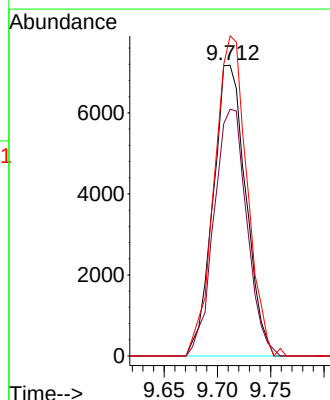
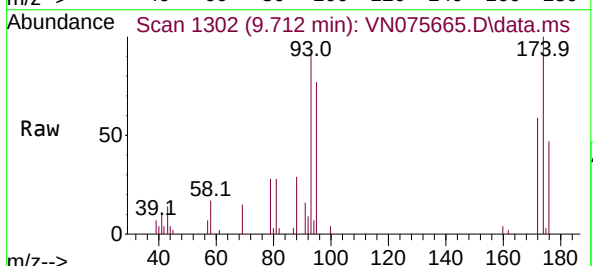
Tgt Ion: 93 Resp: 15303

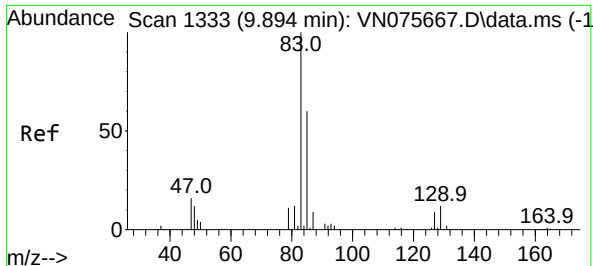
Ion Ratio Lower Upper

93 100

95 85.4 67.3 100.9

174 110.0 85.0 127.6





#47

Bromodichloromethane

Concen: 9.680 ug/l

RT: 9.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075665.D

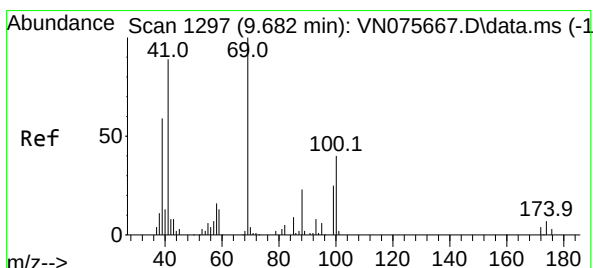
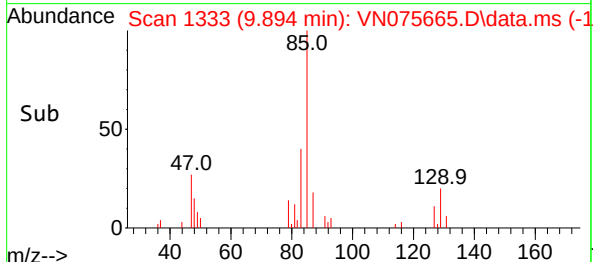
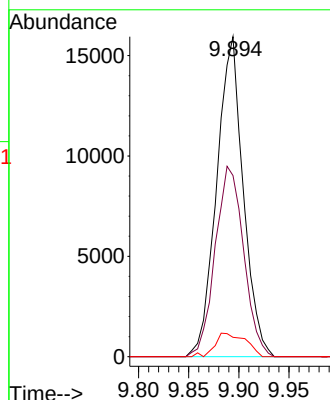
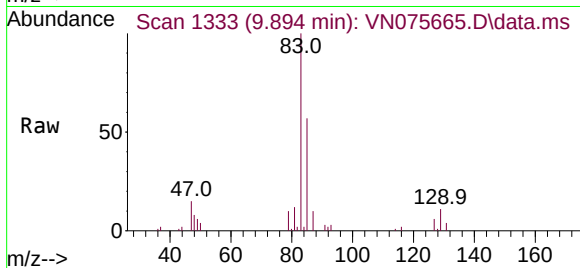
Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 83 | Resp: | 29397     |
| Ion Ratio   | Lower | Upper     |
| 83          | 100   |           |
| 85          | 56.6  | 48.0 72.0 |
| 127         | 6.1   | 7.4 11.2# |



#48

Methyl methacrylate

Concen: 10.157 ug/l

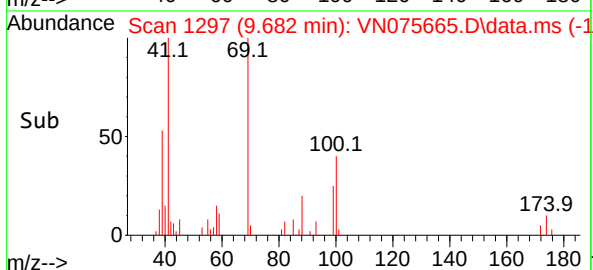
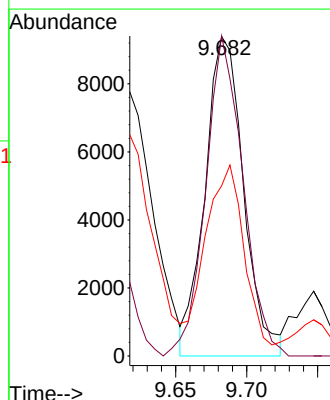
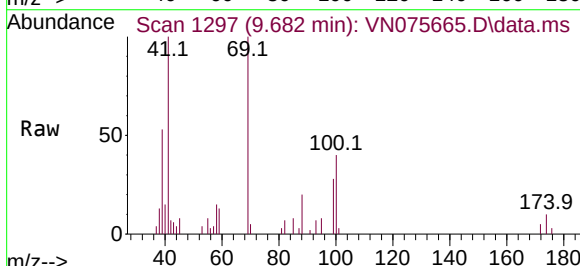
RT: 9.682 min Scan# 1297

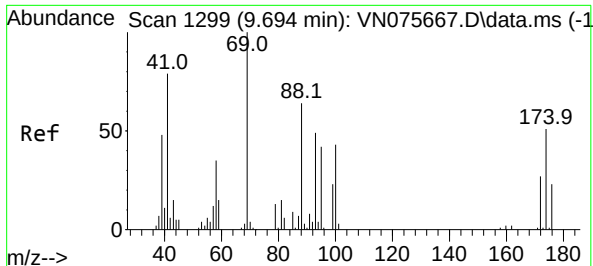
Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 41 | Resp: | 17723      |
| Ion Ratio   | Lower | Upper      |
| 41          | 100   |            |
| 69          | 97.0  | 82.5 123.7 |
| 39          | 61.9  | 53.2 79.8  |





#49

1,4-Dioxane

Concen: 196.222 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

ClientSampleId :

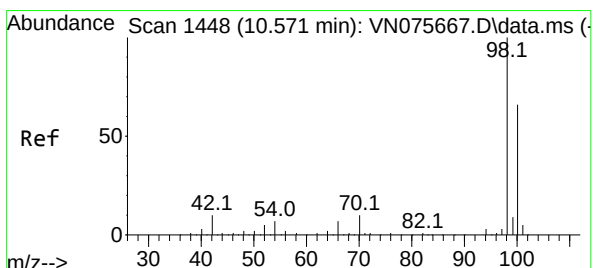
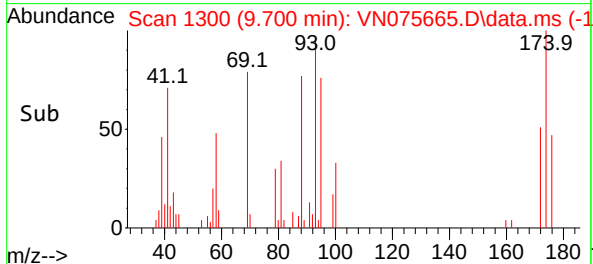
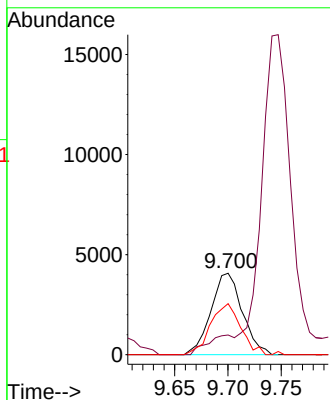
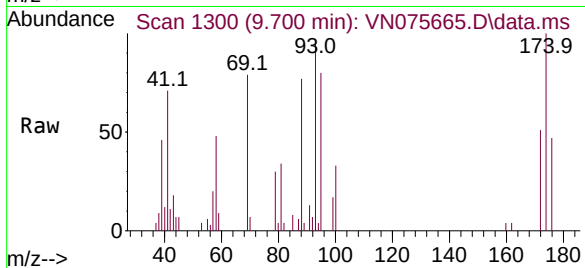
Tgt Ion: 88 Resp: 8323

Ion Ratio Lower Upper

88 100

43 0.0 17.4 26.0#

58 60.2 46.8 70.2



#50

Toluene-d8

Concen: 9.716 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075665.D

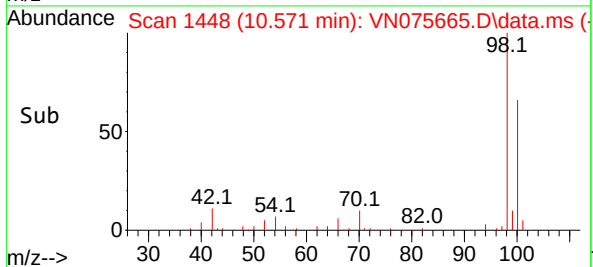
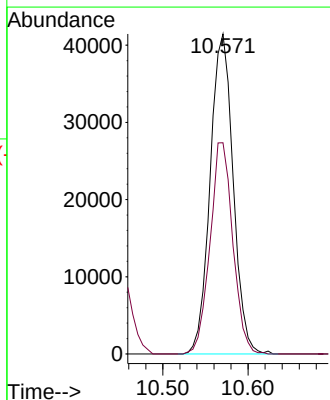
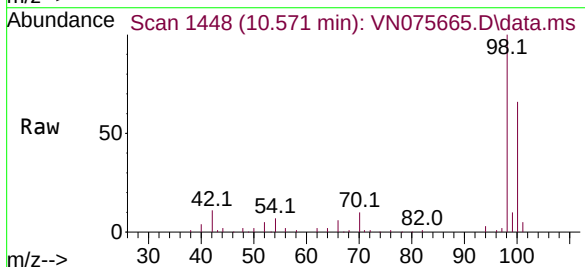
Acq: 09 Dec 2022 13:21

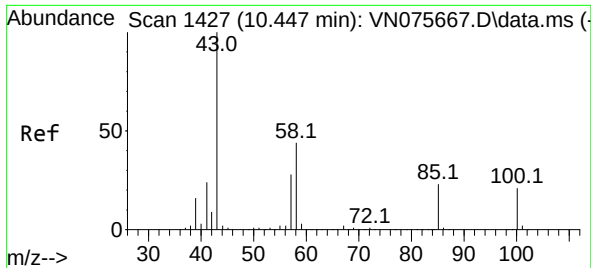
Tgt Ion: 98 Resp: 77669

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

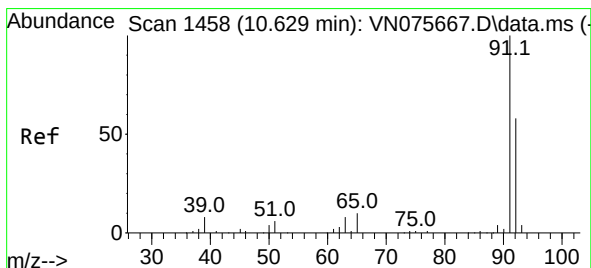
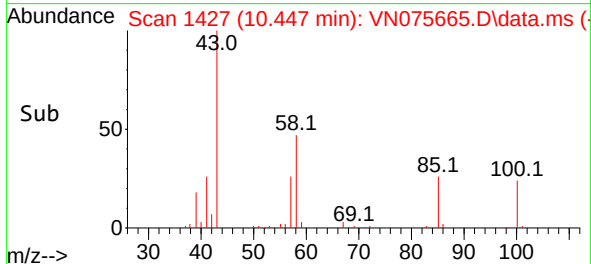
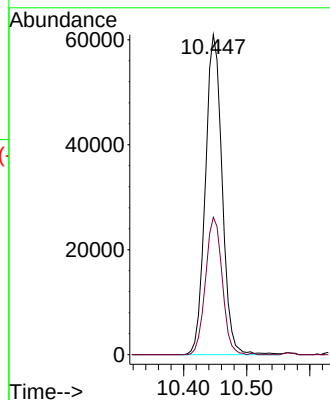
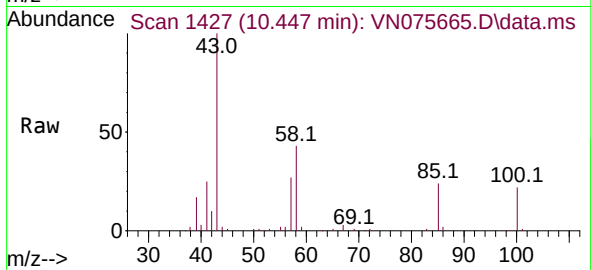




#51  
4-Methyl-2-Pentanone  
Concen: 48.271 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

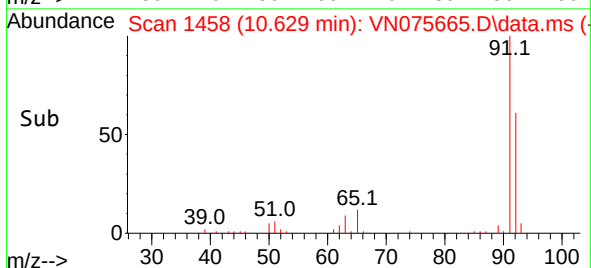
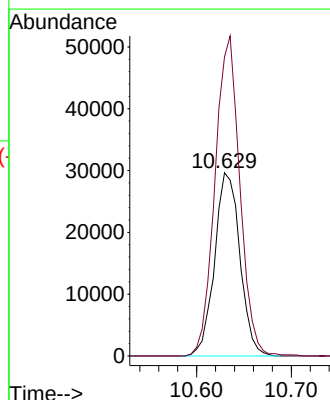
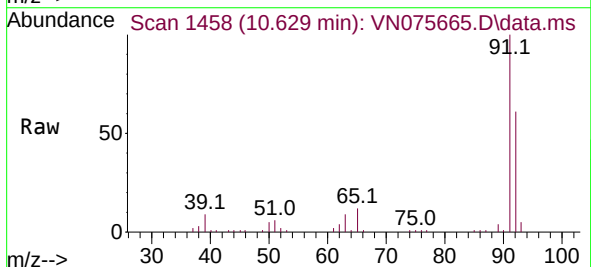
Instrument :  
MSVOA\_N  
ClientSampleId :

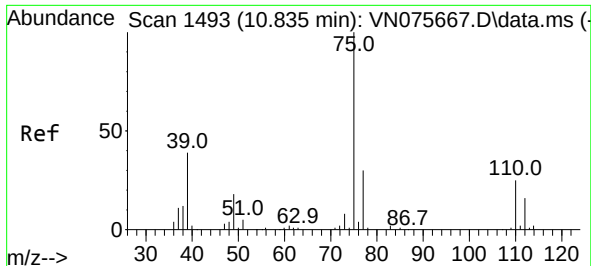
Tgt Ion: 43 Resp: 112769  
Ion Ratio Lower Upper  
43 100  
58 42.5 35.0 52.6



#52  
Toluene  
Concen: 9.597 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 92 Resp: 55023  
Ion Ratio Lower Upper  
92 100  
91 171.7 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 9.448 ug/l

RT: 10.841 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

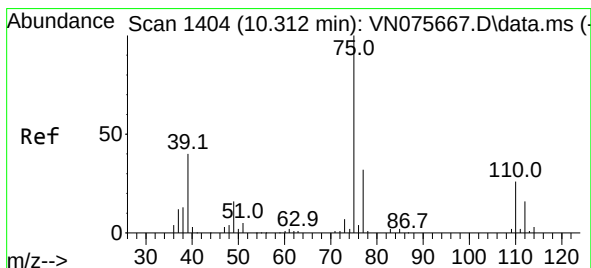
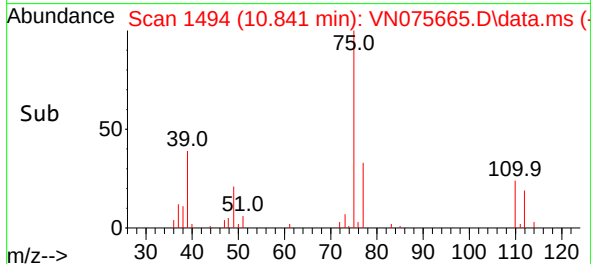
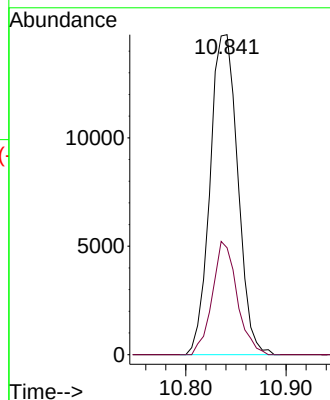
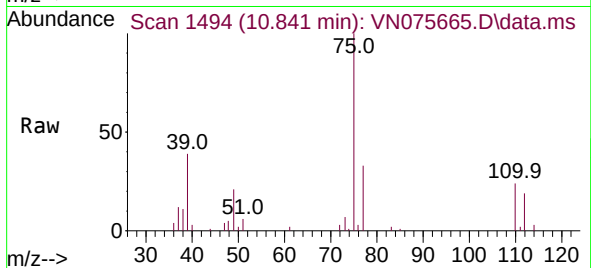
ClientSampleId :

Tgt Ion: 75 Resp: 28338

Ion Ratio Lower Upper

75 100

77 33.4 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 9.403 ug/l

RT: 10.318 min Scan# 1405

Delta R.T. 0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

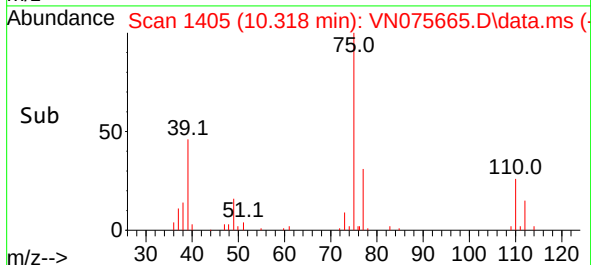
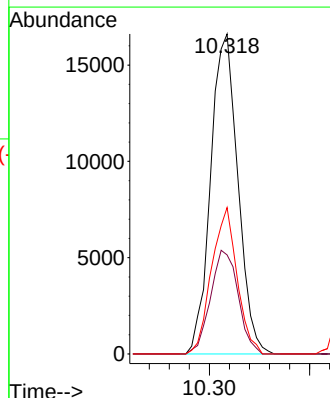
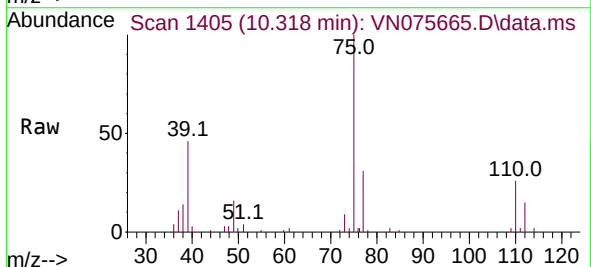
Tgt Ion: 75 Resp: 31379

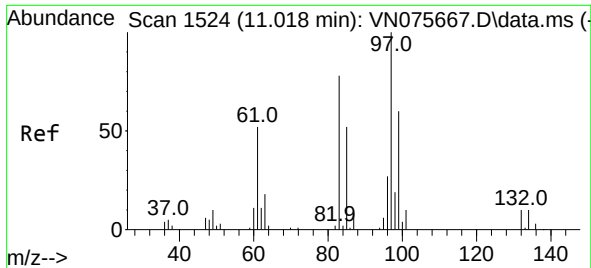
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 45.7 32.0 48.0

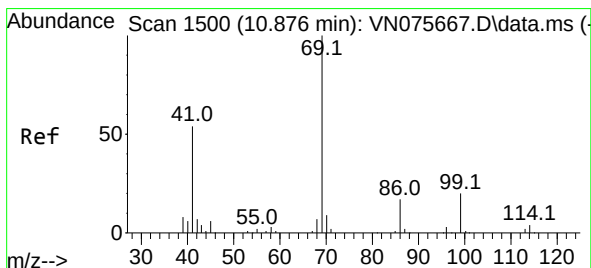
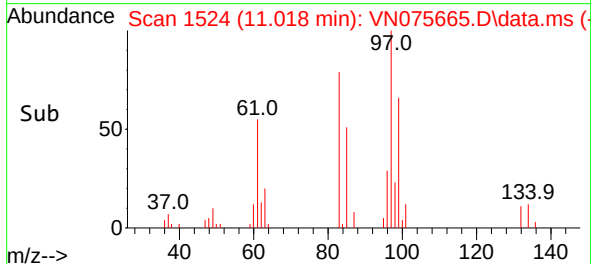
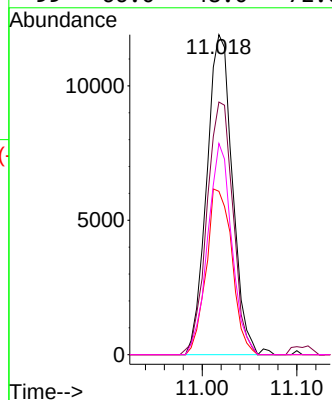
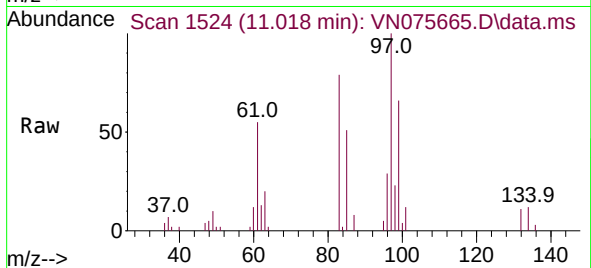




#55  
1,1,2-Trichloroethane  
Concen: 9.968 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

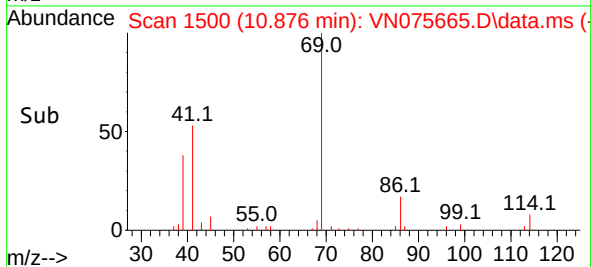
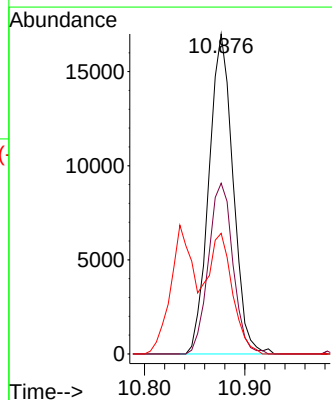
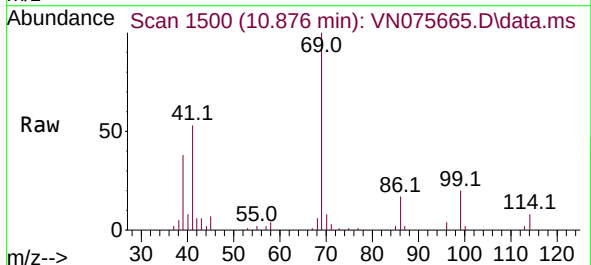
Instrument :  
MSVOA\_N  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 22471 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 79.0     | 62.7 94.1   |
| 85 51.0     | 41.8 62.6   |
| 99 66.0     | 48.0 72.0   |

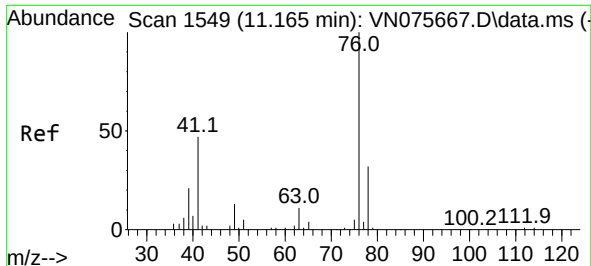


#56  
Ethyl methacrylate  
Concen: 9.328 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 28493 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 54.1     | 44.1 66.1   |
| 39 34.9     | 27.7 41.5   |







#57

1,3-Dichloropropane

Concen: 9.695 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

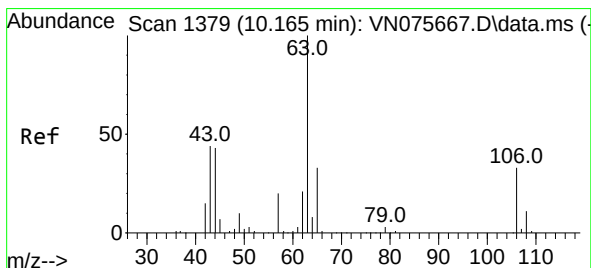
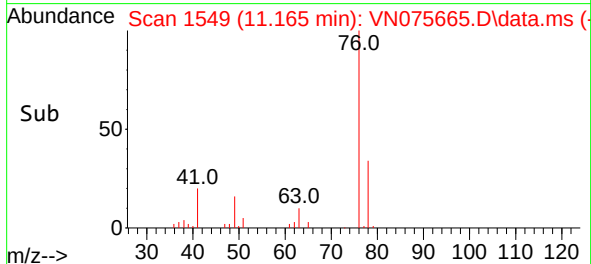
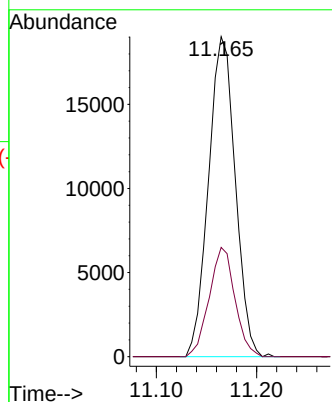
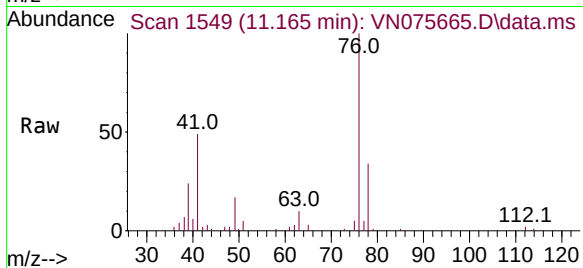
ClientSampleId :

Tgt Ion: 76 Resp: 35325

Ion Ratio Lower Upper

76 100

78 32.7 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 47.366 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075665.D

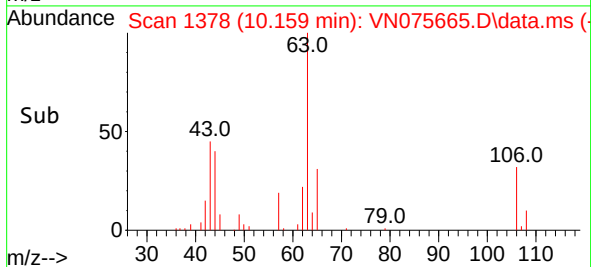
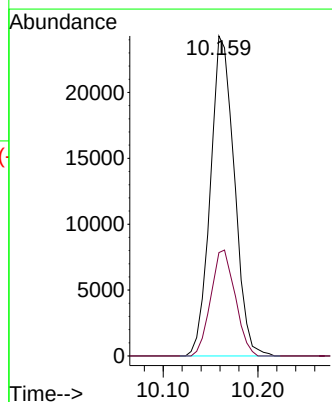
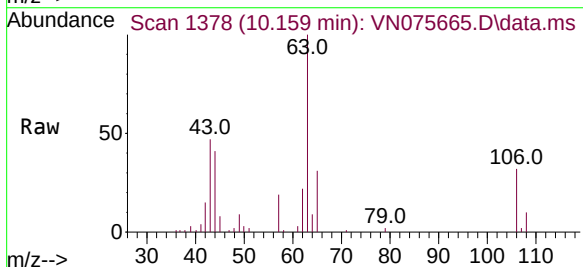
Acq: 09 Dec 2022 13:21

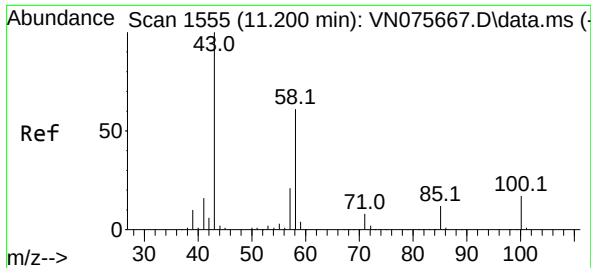
Tgt Ion: 63 Resp: 42720

Ion Ratio Lower Upper

63 100

106 33.6 26.6 40.0

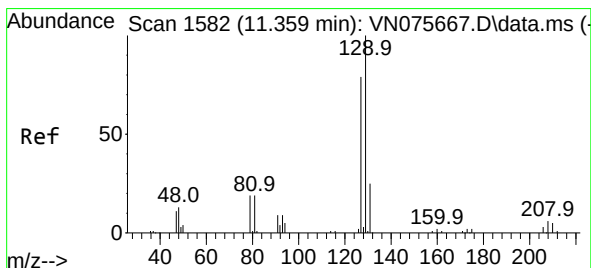
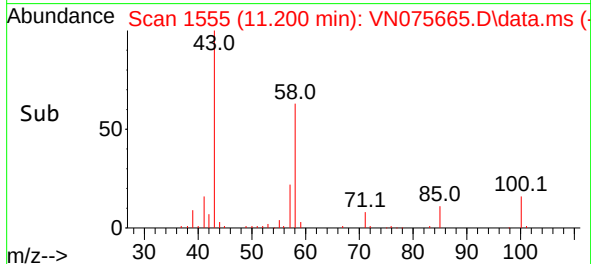
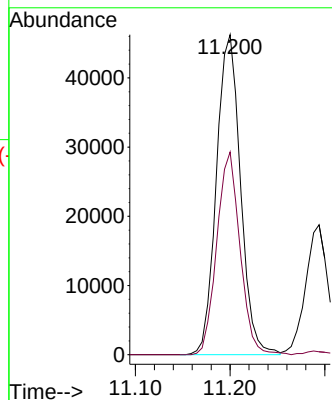
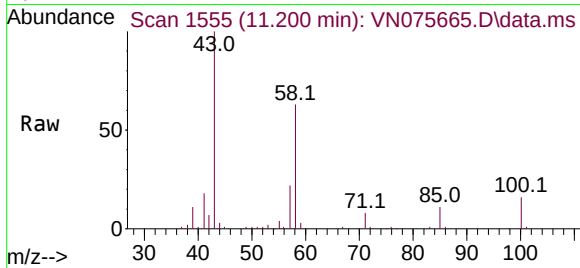




#59  
2-Hexanone  
Concen: 48.138 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

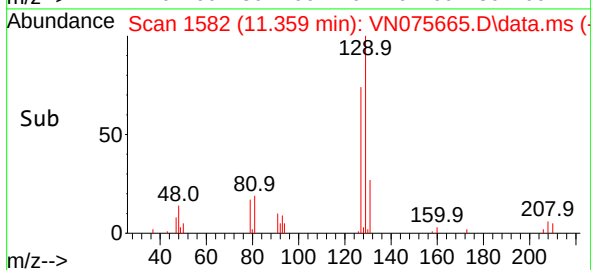
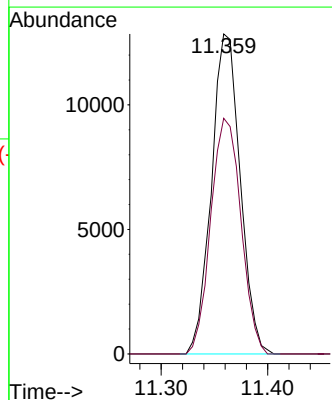
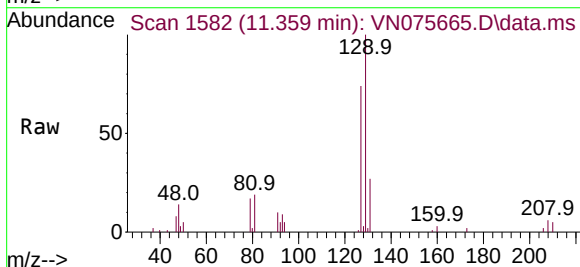
Instrument :  
MSVOA\_N  
ClientSampleId :

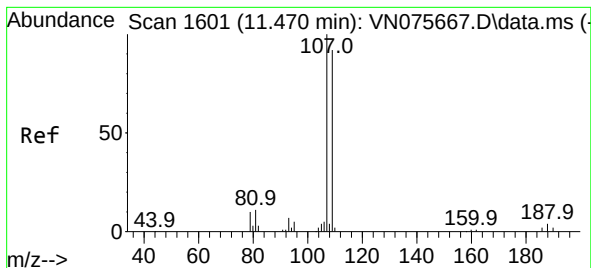
Tgt Ion: 43 Resp: 81703  
Ion Ratio Lower Upper  
43 100  
58 60.9 30.9 92.5



#60  
Dibromochloromethane  
Concen: 9.712 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 129 Resp: 24091  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 116.0

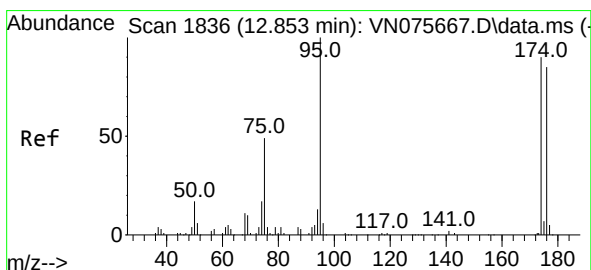
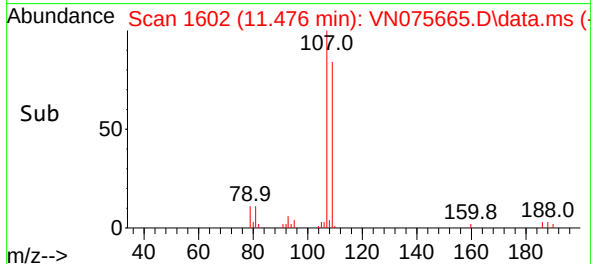
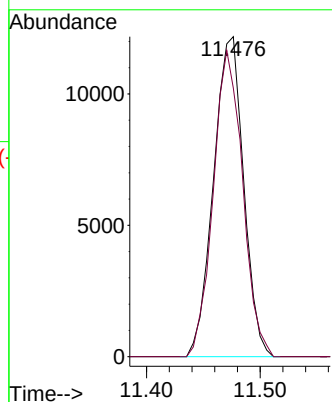
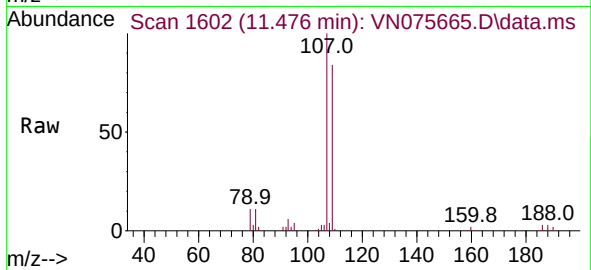




#61  
1,2-Dibromoethane  
Concen: 9.482 ug/l  
RT: 11.476 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

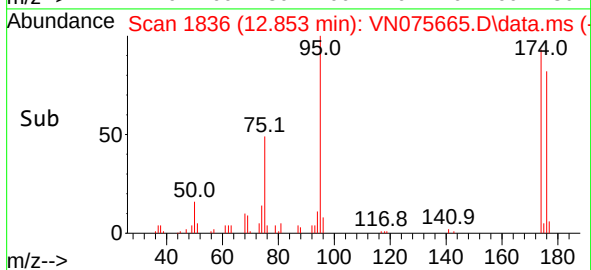
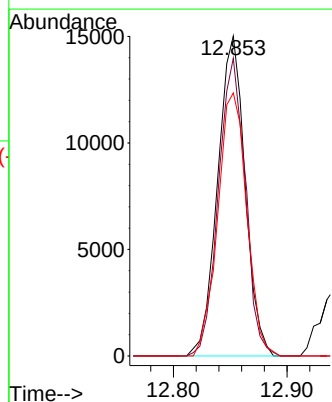
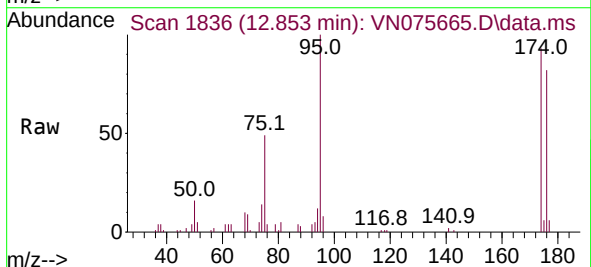
Instrument :  
MSVOA\_N  
ClientSampleId :

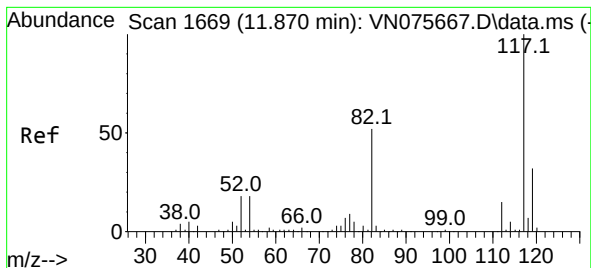
Tgt Ion:107 Resp: 22395  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 9.206 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 95 Resp: 25163  
Ion Ratio Lower Upper  
95 100  
174 91.1 0.0 178.6  
176 86.8 0.0 170.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

ClientSampleId :

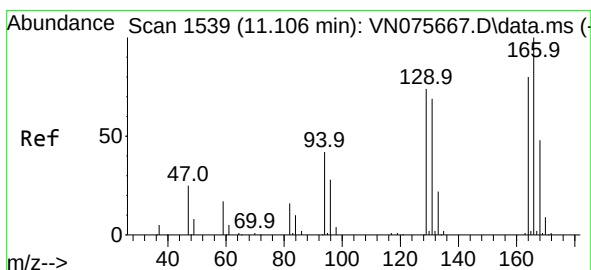
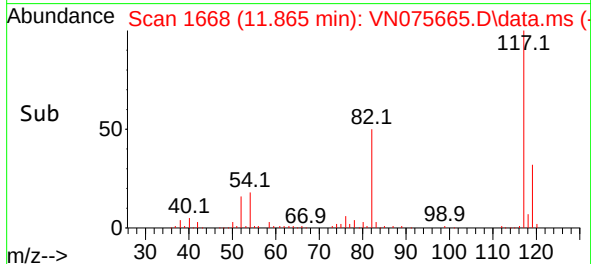
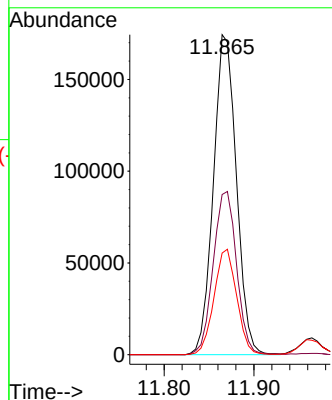
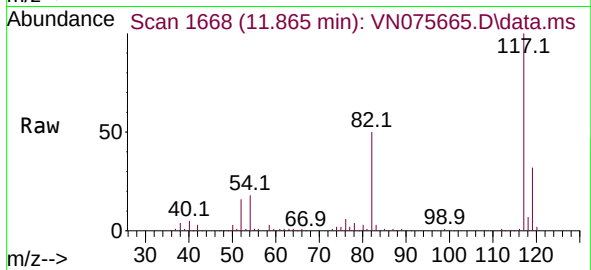
Tgt Ion:117 Resp: 310474

Ion Ratio Lower Upper

117 100

82 50.1 41.8 62.8

119 31.8 25.8 38.6



#64

Tetrachloroethene

Concen: 9.786 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Tgt Ion:164 Resp: 22132

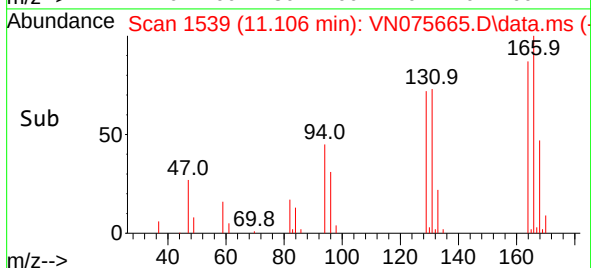
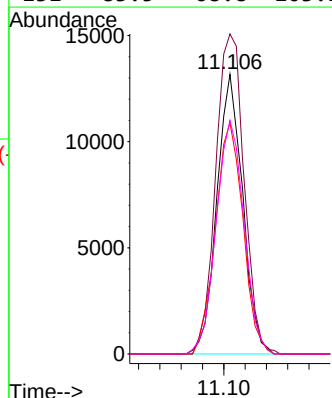
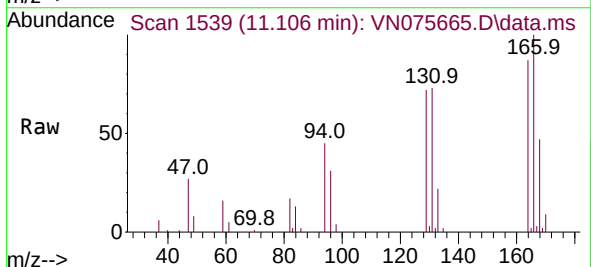
Ion Ratio Lower Upper

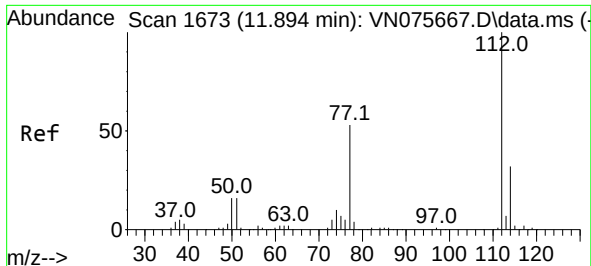
164 100

166 114.4 100.3 150.5

129 82.6 73.9 110.9

131 83.5 68.8 103.2

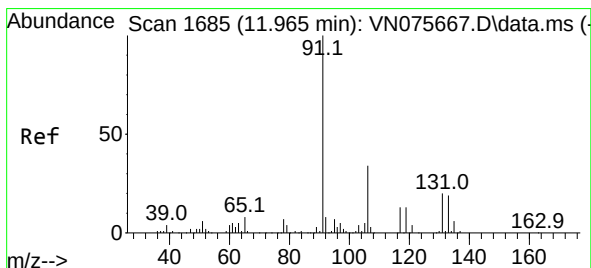
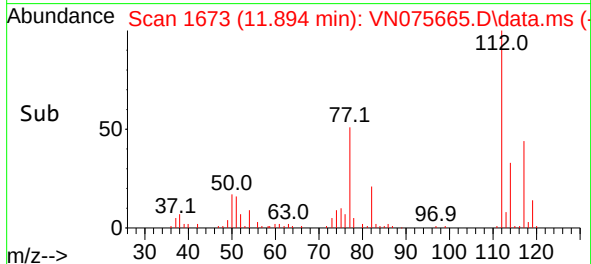
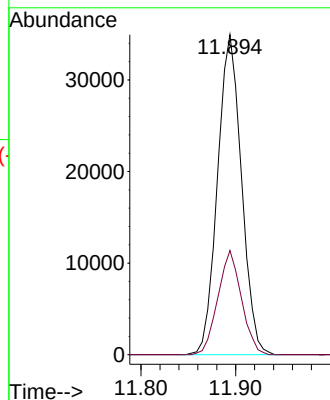
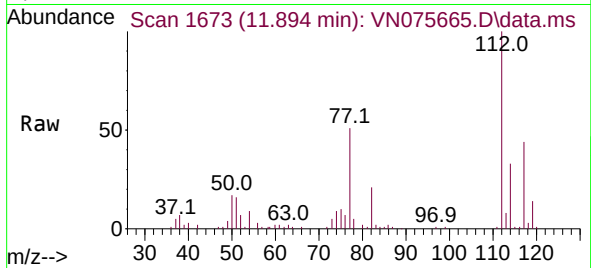




#65  
Chlorobenzene  
Concen: 9.618 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

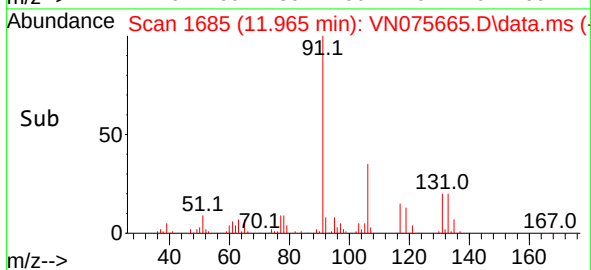
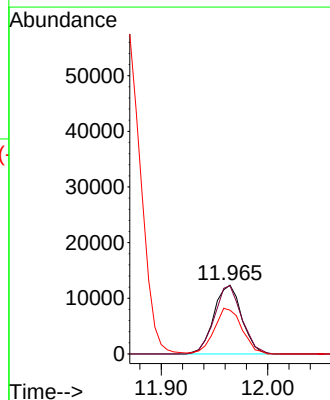
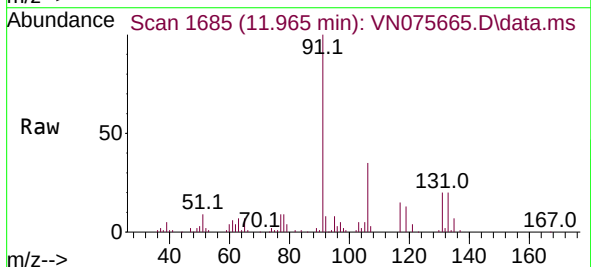
Instrument :  
MSVOA\_N  
ClientSampleId :

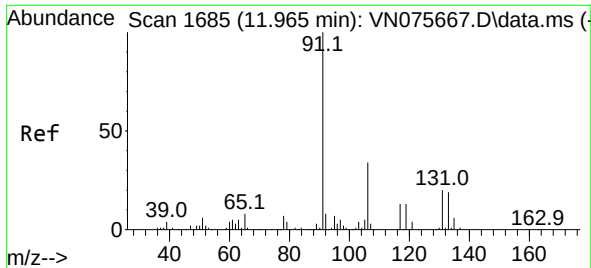
Tgt Ion:112 Resp: 61442  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 9.662 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion:131 Resp: 22457  
Ion Ratio Lower Upper  
131 100  
133 97.3 47.5 142.6  
119 66.2 32.5 97.4

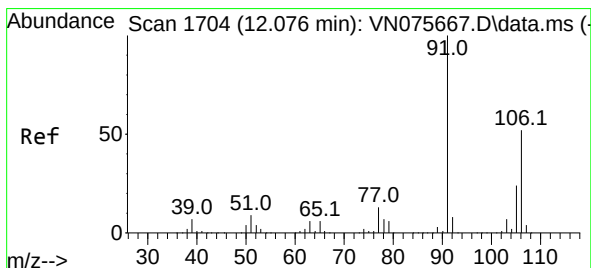
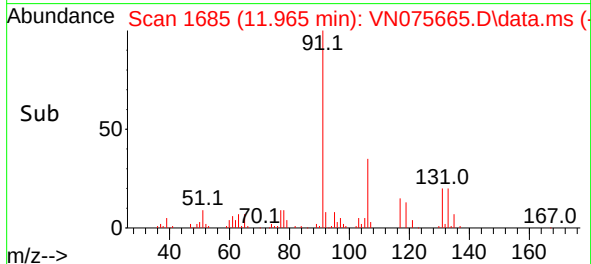
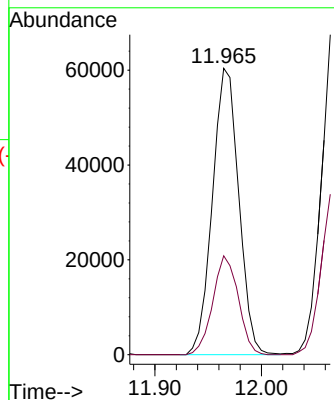
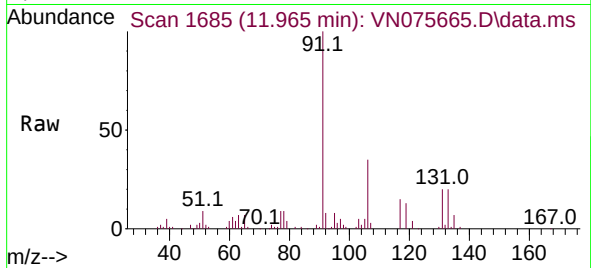




#67  
Ethyl Benzene  
Concen: 9.594 ug/l  
RT: 11.965 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

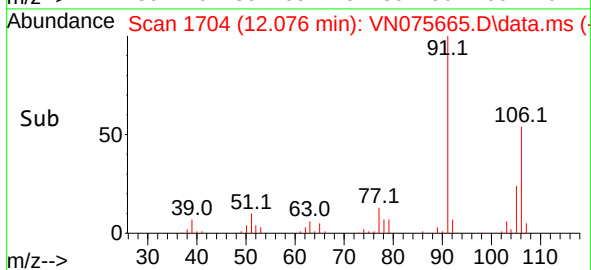
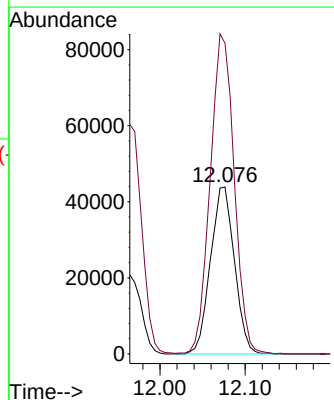
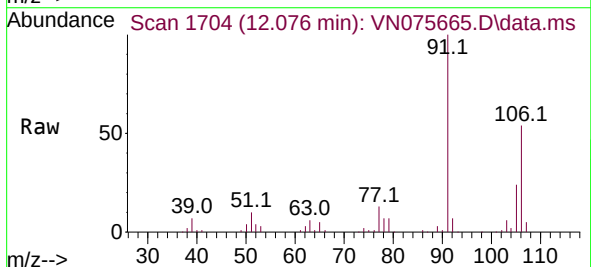
Instrument :  
MSVOA\_N  
ClientSampleId :

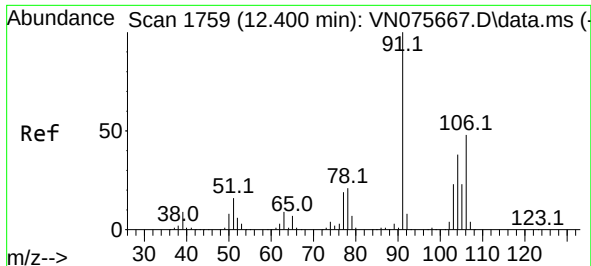
Tgt Ion: 91 Resp: 103680  
Ion Ratio Lower Upper  
91 100  
106 34.5 26.9 40.3



#68  
m/p-Xylenes  
Concen: 19.650 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 106 Resp: 85805  
Ion Ratio Lower Upper  
106 100  
91 191.9 156.2 234.4

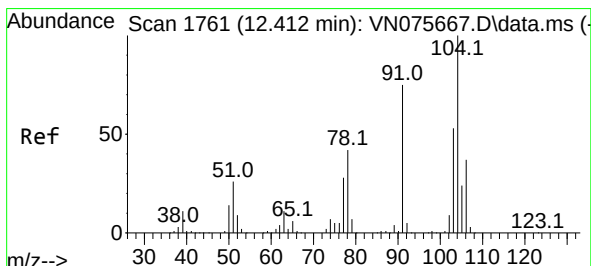
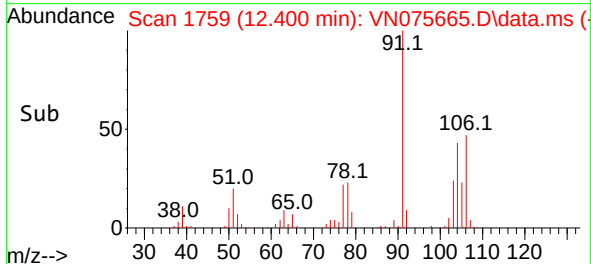
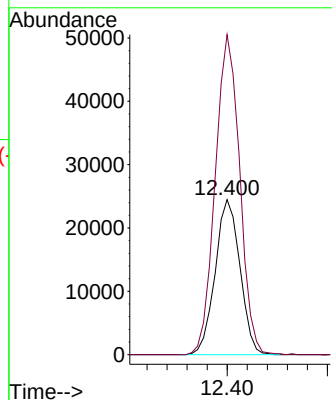
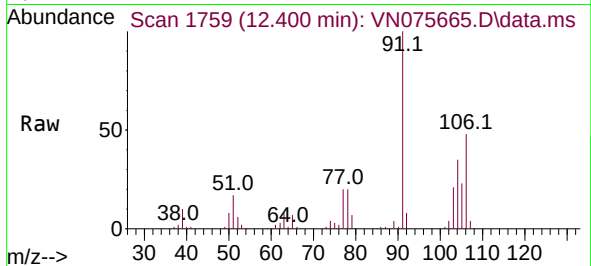




#69  
o-Xylene  
Concen: 9.909 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

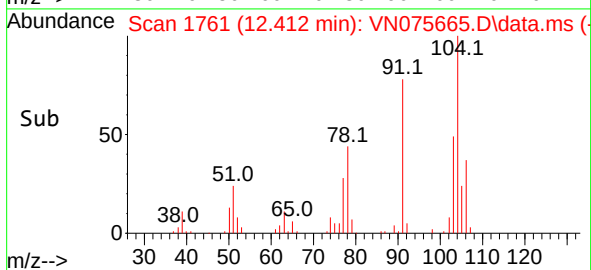
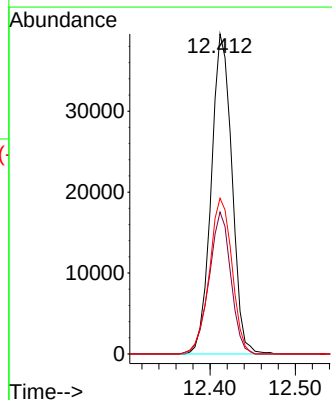
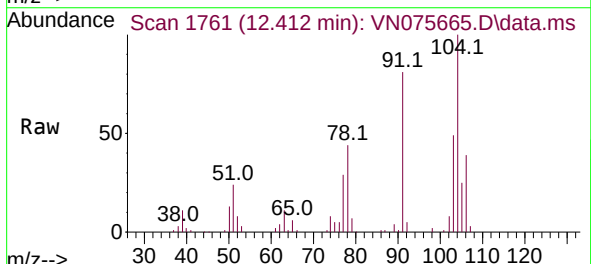
Instrument :  
MSVOA\_N  
ClientSampleId :

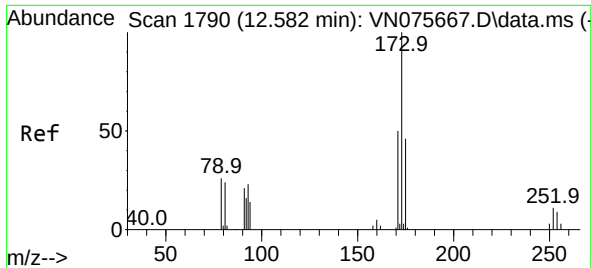
Tgt Ion:106 Resp: 41987  
Ion Ratio Lower Upper  
106 100  
91 204.3 102.8 308.5



#70  
Styrene  
Concen: 9.805 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion:104 Resp: 66633  
Ion Ratio Lower Upper  
104 100  
78 46.5 36.7 55.1  
103 53.2 44.0 66.0

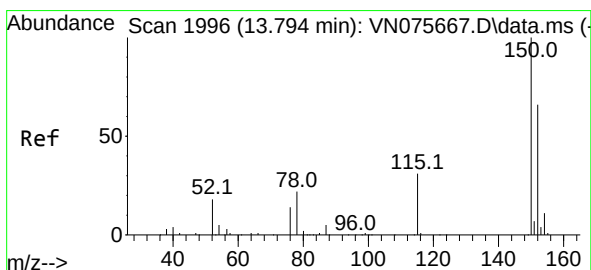
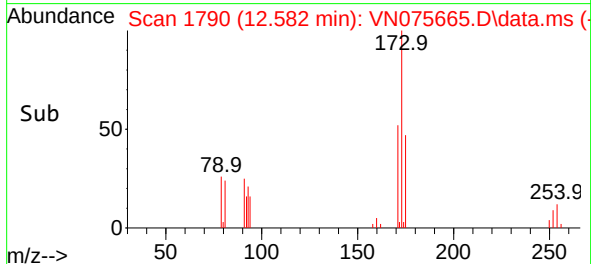
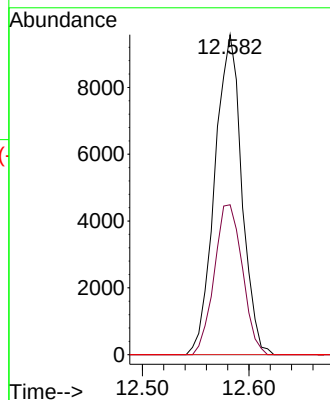
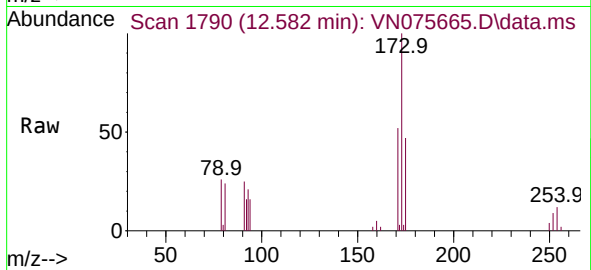




#71  
Bromoform  
Concen: 9.569 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

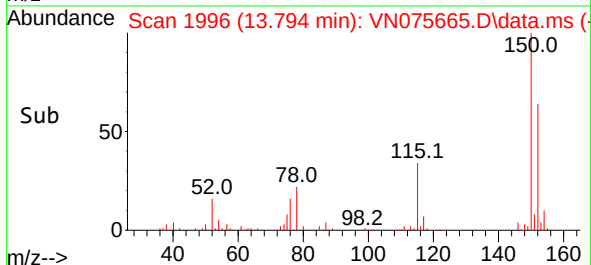
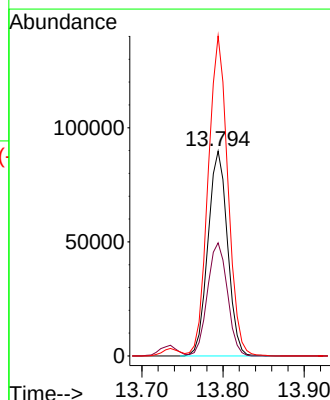
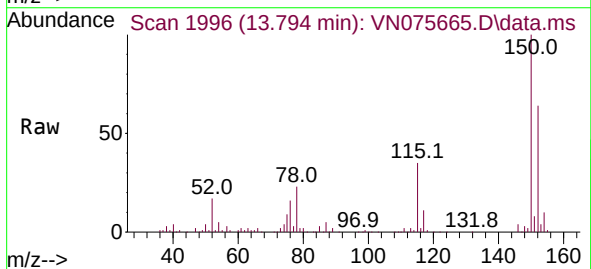
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 16857  
Ion Ratio Lower Upper  
173 100  
175 48.7 23.8 71.2  
254 0.0 0.0 0.0

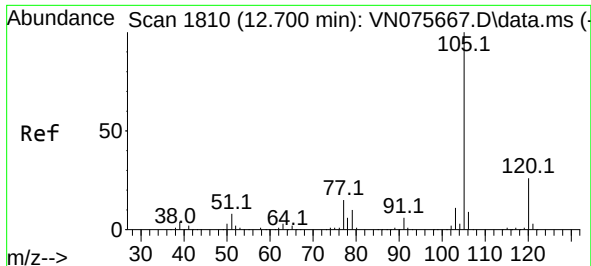


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion:152 Resp: 150091  
Ion Ratio Lower Upper  
152 100  
115 56.1 28.4 85.2  
150 157.7 0.0 347.6



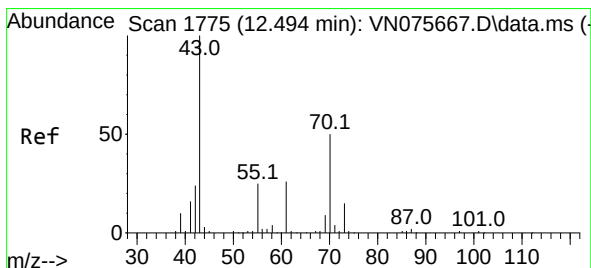
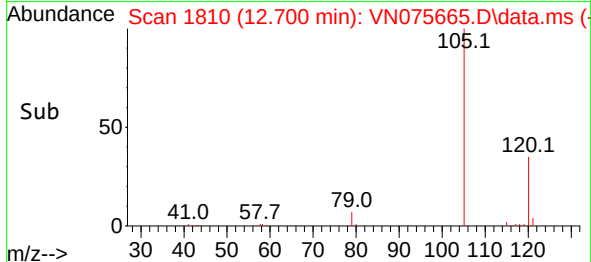
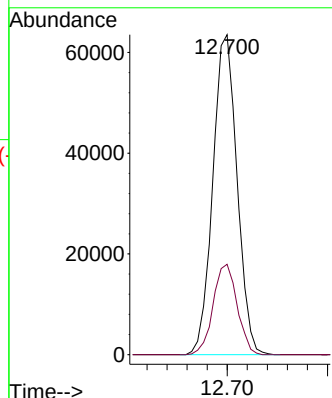
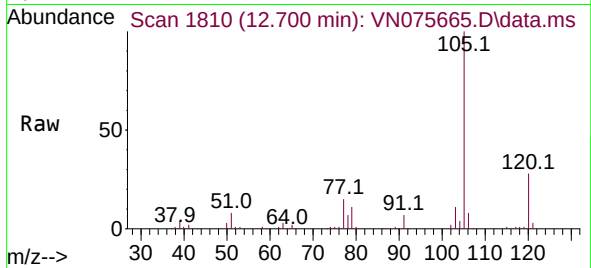




#73  
Isopropylbenzene  
Concen: 9.874 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

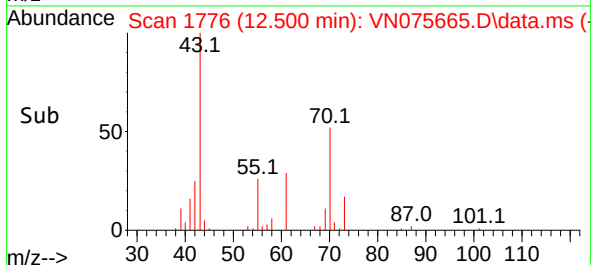
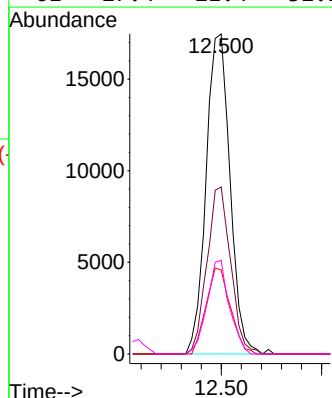
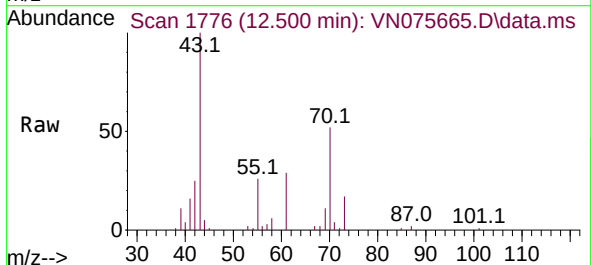
Instrument :  
MSVOA\_N  
ClientSampleId :

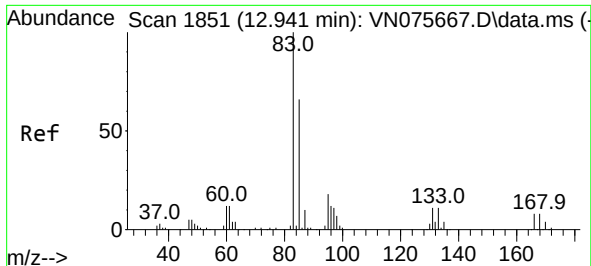
Tgt Ion:105 Resp: 106414  
Ion Ratio Lower Upper  
105 100  
120 28.0 13.4 40.2



#74  
N-ethyl acetate  
Concen: 9.264 ug/l  
RT: 12.500 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 43 Resp: 29007  
Ion Ratio Lower Upper  
43 100  
70 51.5 41.0 61.6  
55 27.3 20.7 31.1  
61 27.4 21.4 32.2

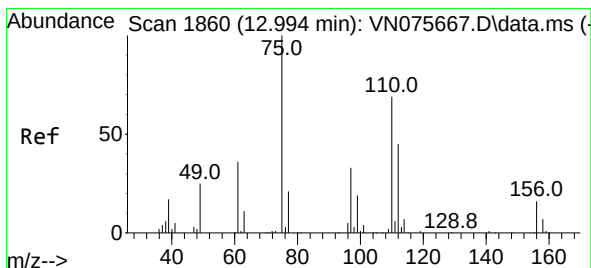
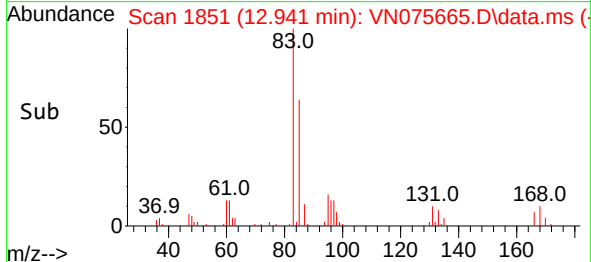
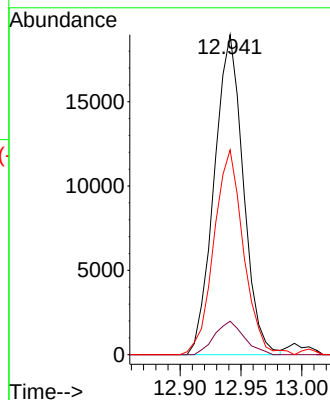
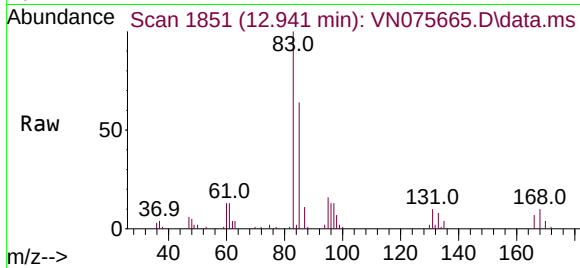




#75  
1,1,2,2-Tetrachloroethane  
Concen: 9.738 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

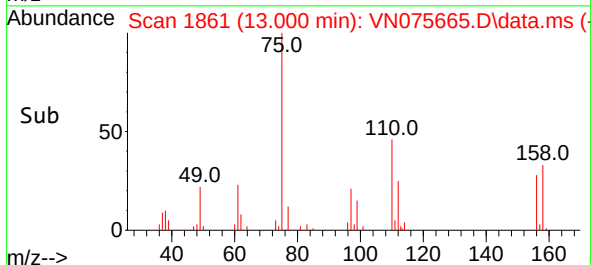
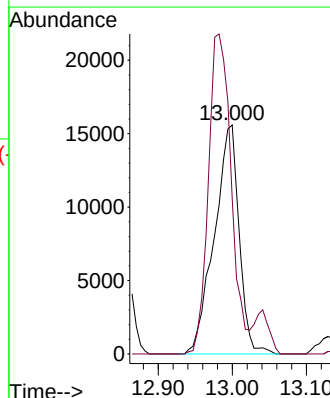
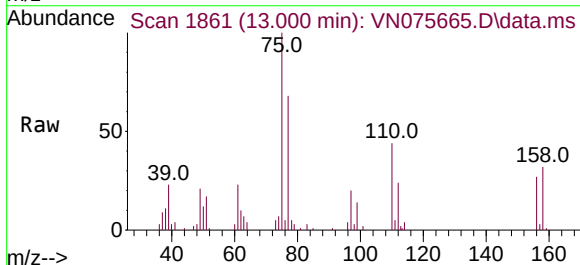
Instrument :  
MSVOA\_N  
ClientSampleId :

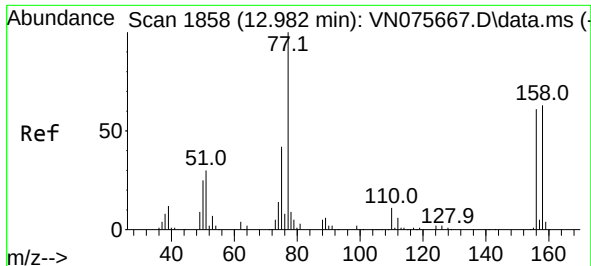
Tgt Ion: 83 Resp: 31525  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.6 16.8  
85 65.2 32.6 97.7



#76  
1,2,3-Trichloropropane  
Concen: 12.038 ug/l  
RT: 13.000 min Scan# 1861  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 75 Resp: 36284  
Ion Ratio Lower Upper  
75 100  
77 128.7 81.8 245.4

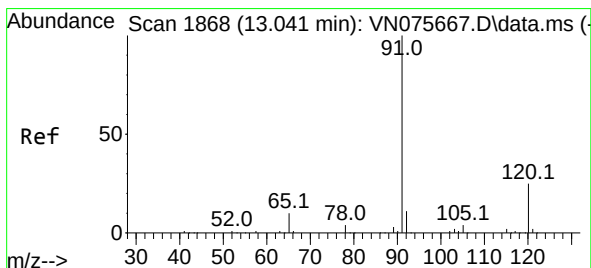
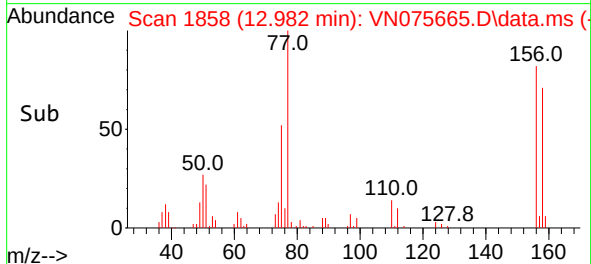
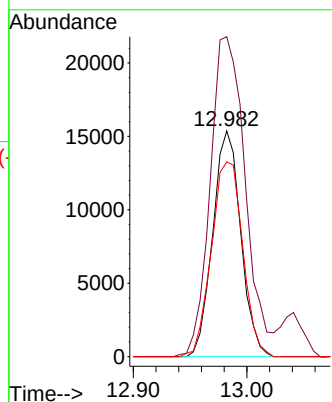
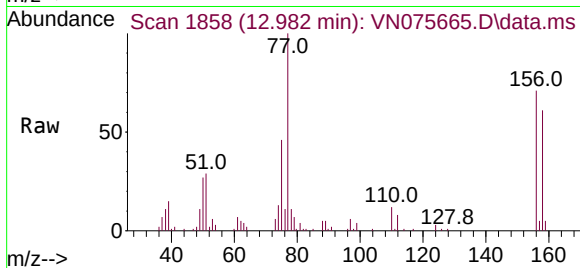




#77  
Bromobenzene  
Concen: 9.700 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

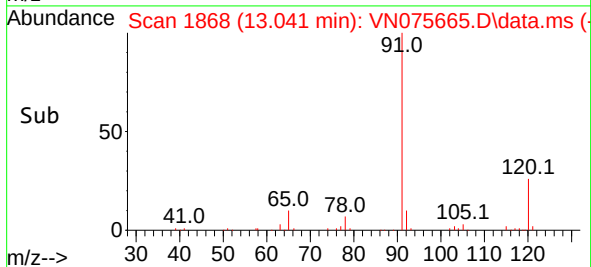
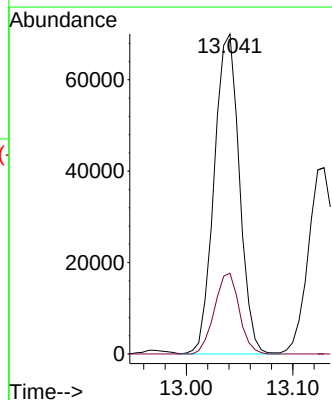
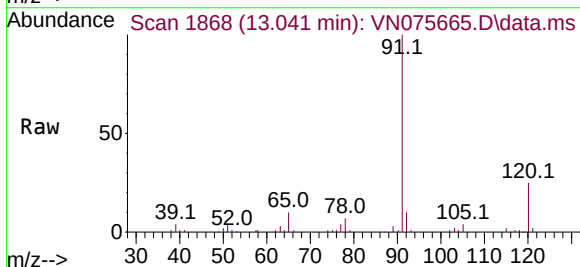
Instrument :  
MSVOA\_N  
ClientSampleId :

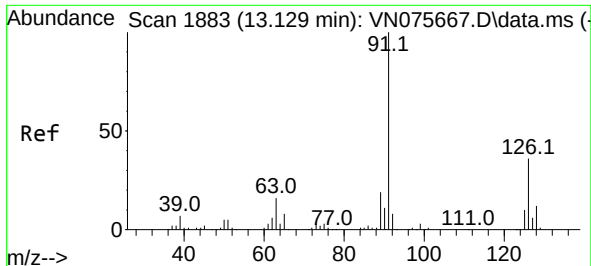
Tgt Ion:156 Resp: 26288  
Ion Ratio Lower Upper  
156 100  
77 177.6 90.8 272.5  
158 96.7 49.3 147.8



#78  
n-propylbenzene  
Concen: 9.631 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 91 Resp: 115171  
Ion Ratio Lower Upper  
91 100  
120 24.7 12.1 36.3

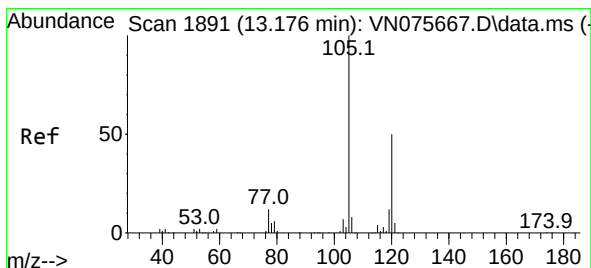
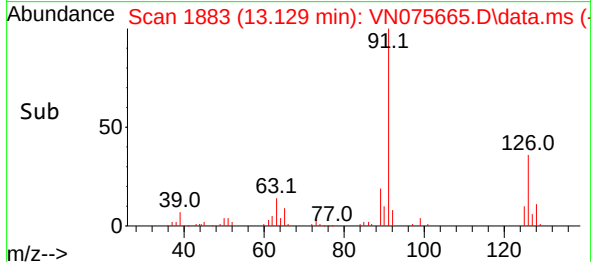
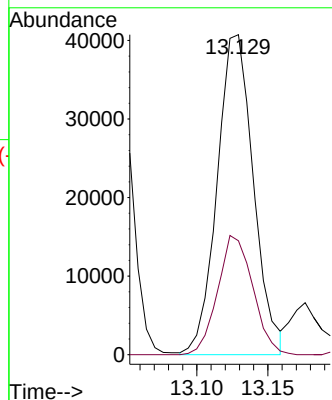
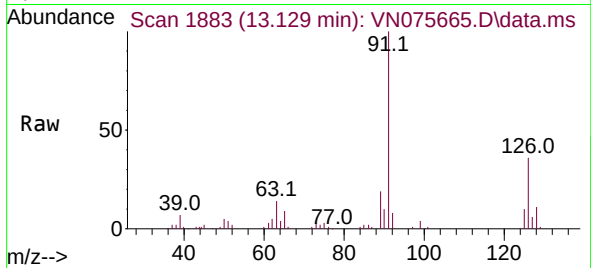




#79  
2-Chlorotoluene  
Concen: 9.816 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

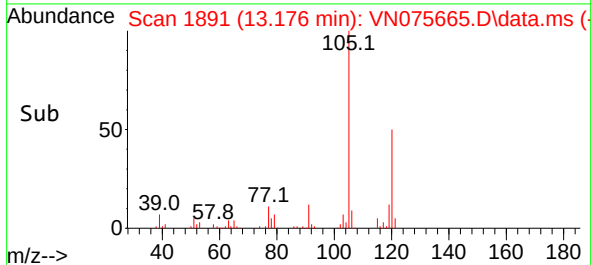
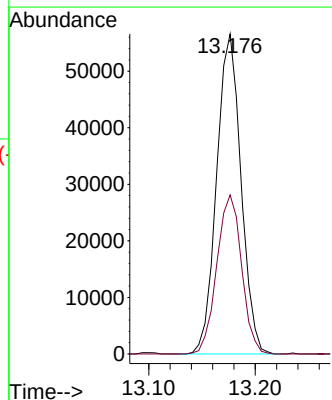
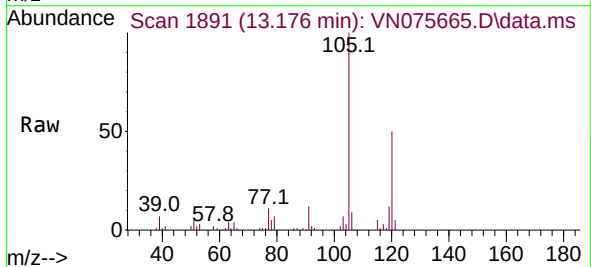
Instrument :  
MSVOA\_N  
ClientSampleId :

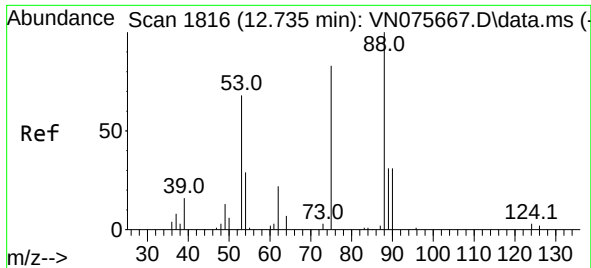
Tgt Ion: 91 Resp: 72467  
Ion Ratio Lower Upper  
91 100  
126 36.1 17.8 53.4



#80  
1,3,5-Trimethylbenzene  
Concen: 9.958 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 105 Resp: 89725  
Ion Ratio Lower Upper  
105 100  
120 50.5 24.9 74.6

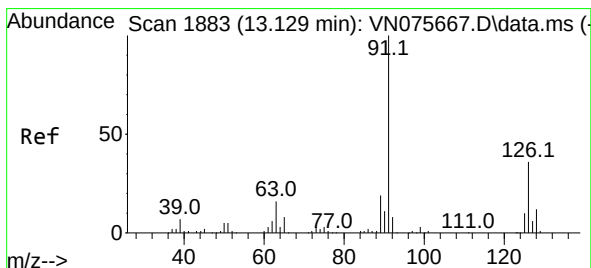
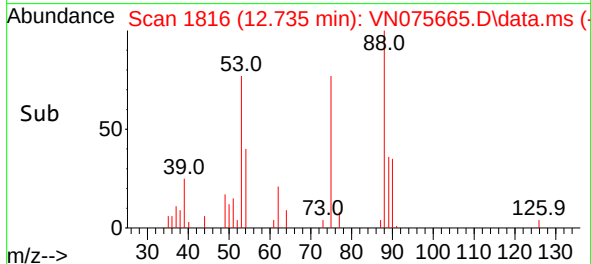
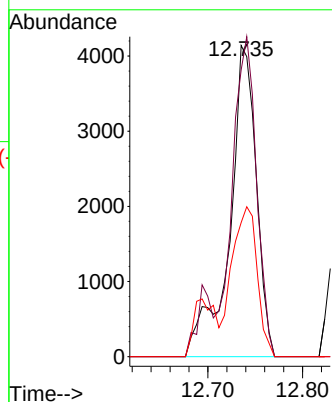
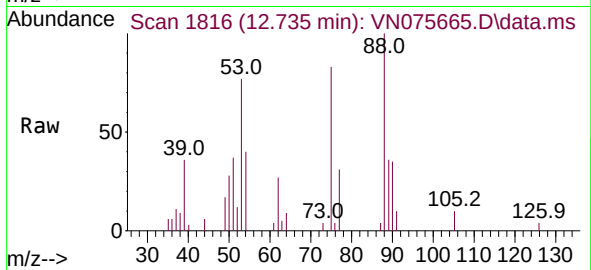




#81  
trans-1,4-Dichloro-2-butene  
Concen: 11.003 ug/l  
RT: 12.735 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

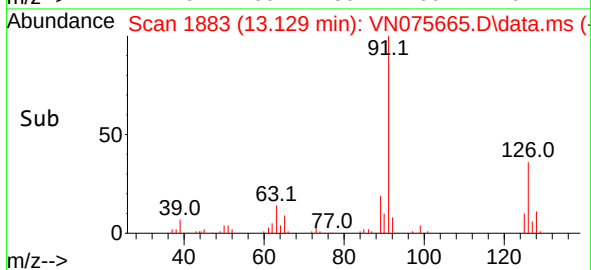
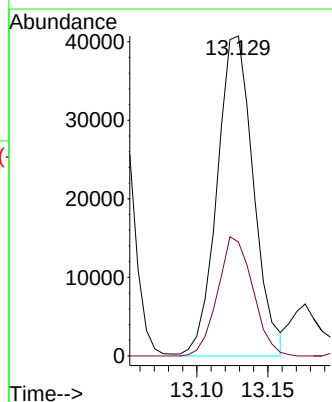
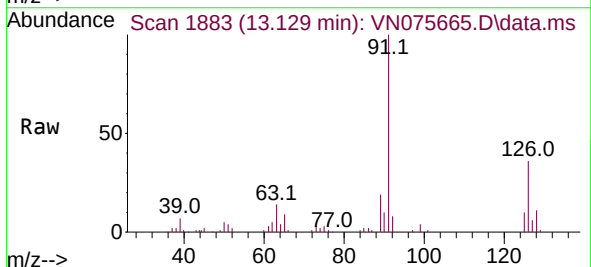
Instrument :  
MSVOA\_N  
ClientSampleId :

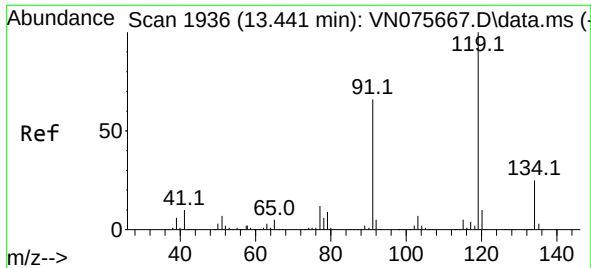
Tgt Ion: 75 Resp: 8131  
Ion Ratio Lower Upper  
75 100  
53 92.4 72.4 108.6  
89 45.5 36.6 55.0



#82  
4-Chlorotoluene  
Concen: 9.816 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Tgt Ion: 91 Resp: 72467  
Ion Ratio Lower Upper  
91 100  
126 36.1 17.8 53.4

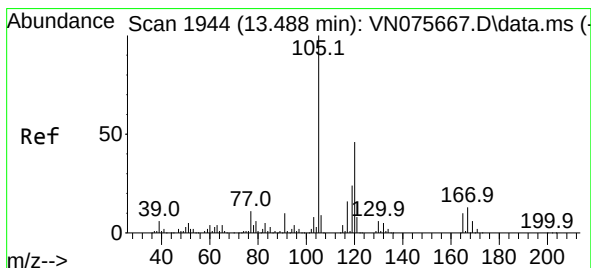
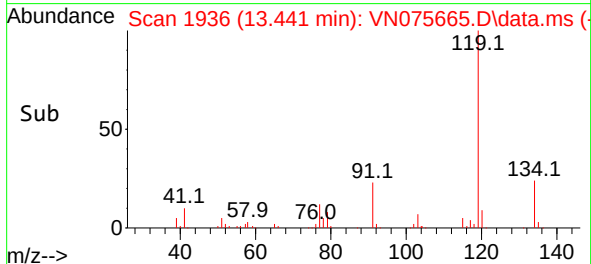
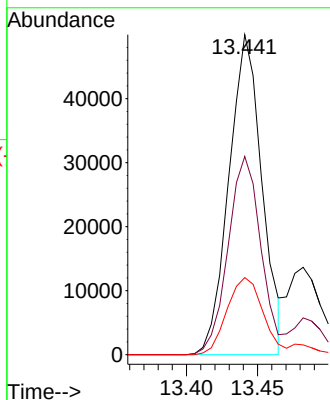
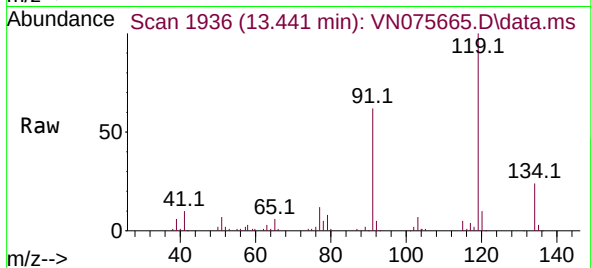




#83  
 tert-Butylbenzene  
 Concen: 9.892 ug/l  
 RT: 13.441 min Scan# 1936  
 Delta R.T. 0.000 min  
 Lab File: VN075665.D  
 Acq: 09 Dec 2022 13:21

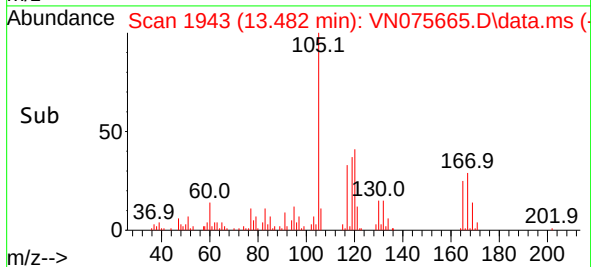
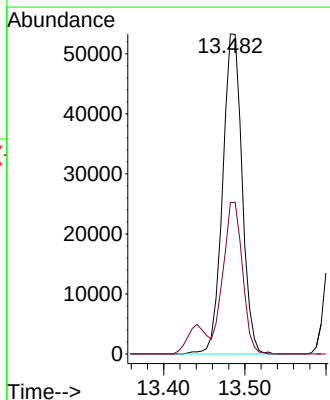
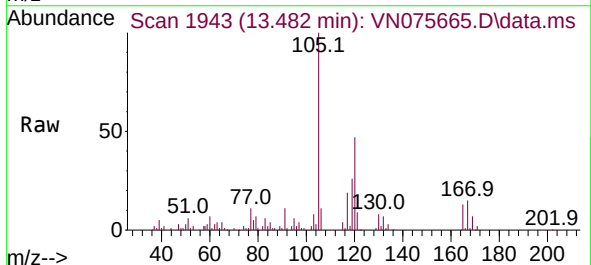
Instrument :  
 MSVOA\_N  
 ClientSampleId :

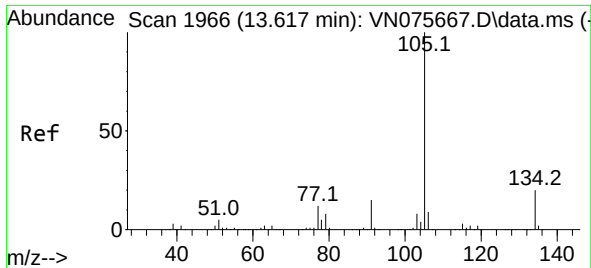
Tgt Ion:119 Resp: 80822  
 Ion Ratio Lower Upper  
 119 100  
 91 62.7 31.9 95.9  
 134 26.2 13.9 41.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 9.791 ug/l  
 RT: 13.482 min Scan# 1943  
 Delta R.T. -0.006 min  
 Lab File: VN075665.D  
 Acq: 09 Dec 2022 13:21

Tgt Ion:105 Resp: 88659  
 Ion Ratio Lower Upper  
 105 100  
 120 47.1 23.1 69.2

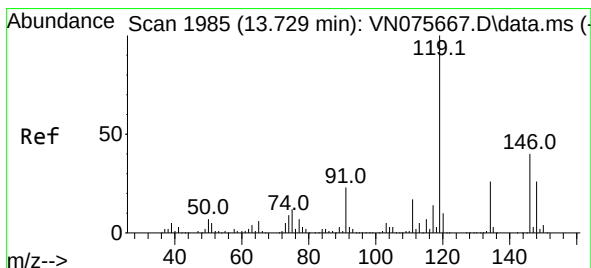
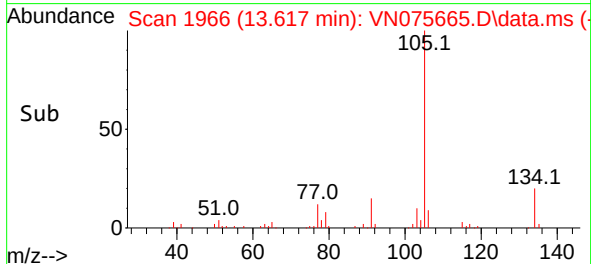
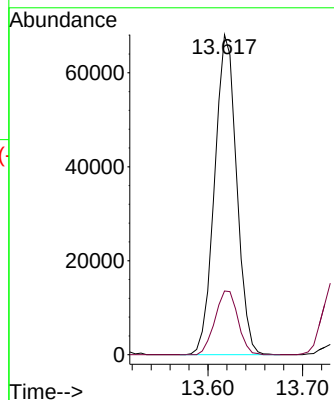
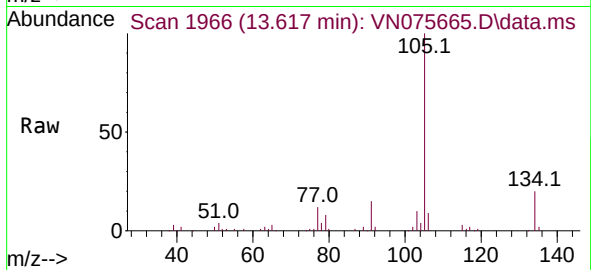




#85  
 sec-Butylbenzene  
 Concen: 9.805 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. 0.000 min  
 Lab File: VN075665.D  
 Acq: 09 Dec 2022 13:21

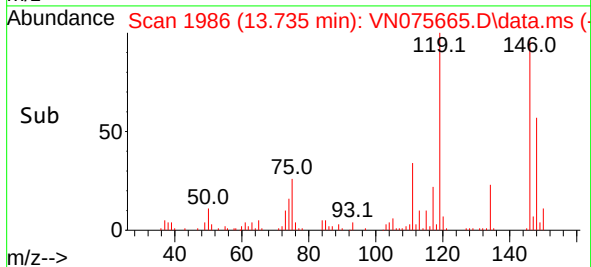
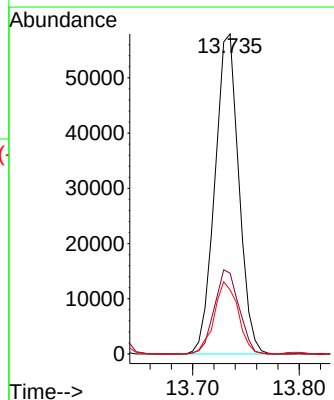
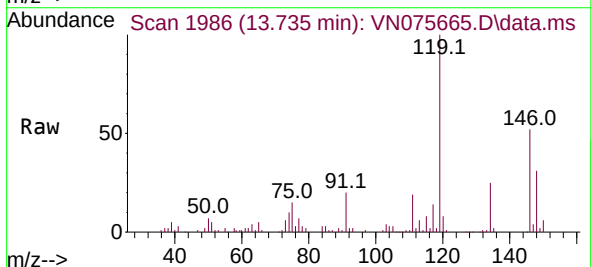
Instrument :  
 MSVOA\_N  
 ClientSampleId :

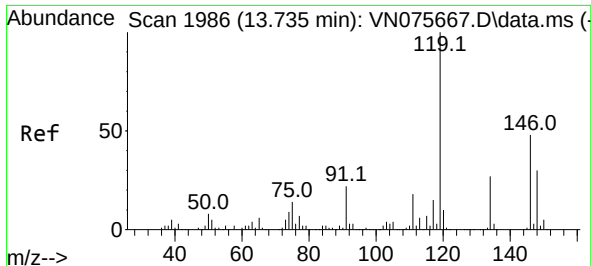
Tgt Ion:105 Resp: 110141  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 9.616 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. 0.006 min  
 Lab File: VN075665.D  
 Acq: 09 Dec 2022 13:21

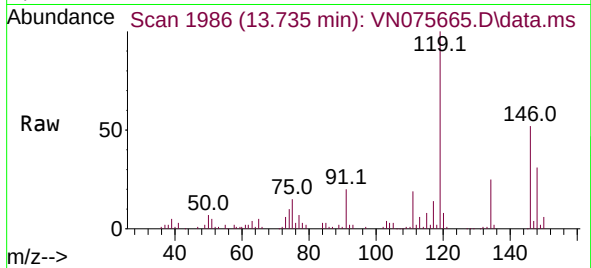
Tgt Ion:119 Resp: 90380  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.3 39.9  
 91 22.6 11.4 34.1



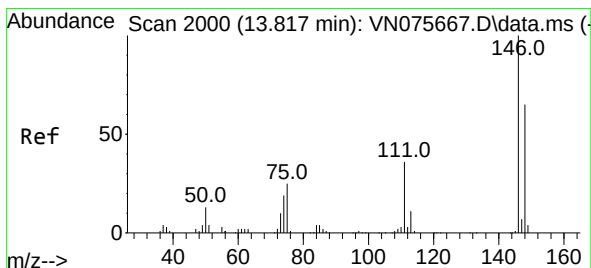
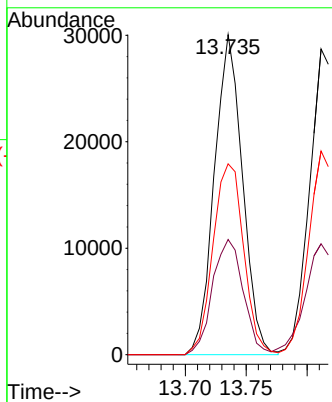
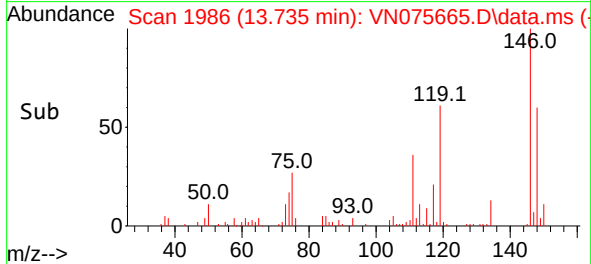


#87  
 1,3-Dichlorobenzene  
 Concen: 9.551 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. 0.000 min  
 Lab File: VN075665.D  
 Acq: 09 Dec 2022 13:21

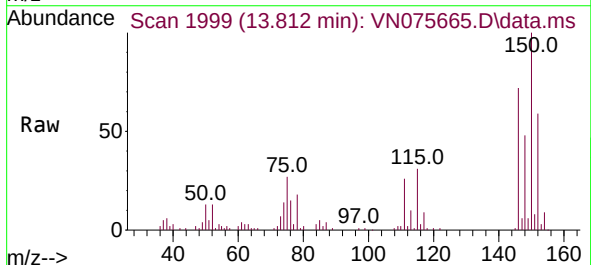
Instrument :  
 MSVOA\_N  
 ClientSampleId :



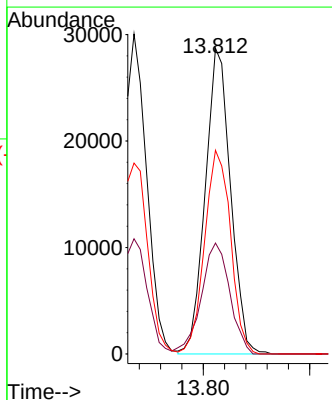
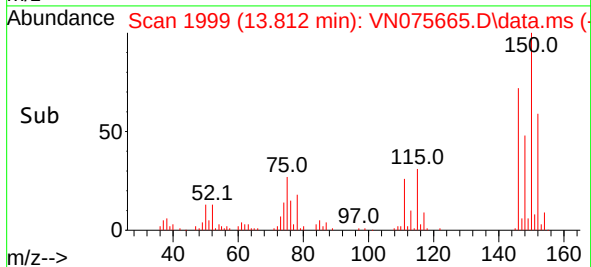
Tgt Ion:146 Resp: 48406  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 19.8 59.3  
 148 65.1 32.1 96.3



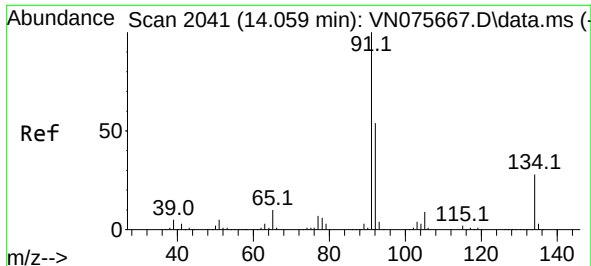
#88  
 1,4-Dichlorobenzene  
 Concen: 9.193 ug/l  
 RT: 13.812 min Scan# 1999  
 Delta R.T. -0.006 min  
 Lab File: VN075665.D  
 Acq: 09 Dec 2022 13:21



Tgt Ion:146 Resp: 47393  
 Ion Ratio Lower Upper  
 146 100  
 111 40.8 19.1 57.1  
 148 68.5 32.1 96.3







#89

n-Butylbenzene

Concen: 9.267 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

ClientSampleId :

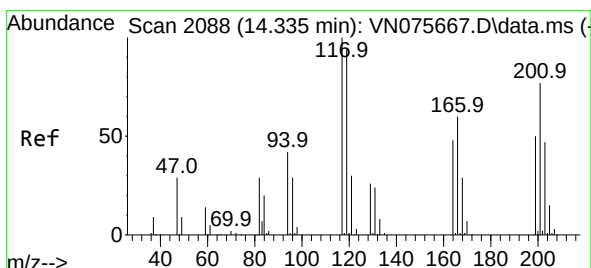
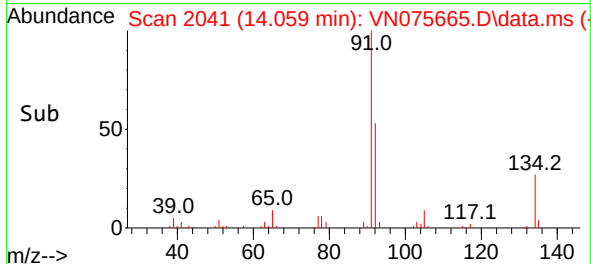
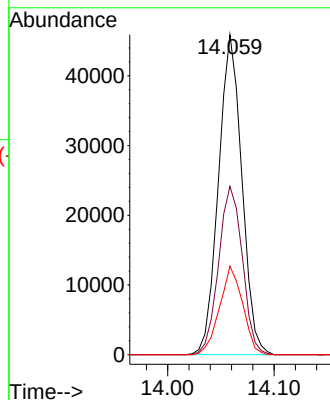
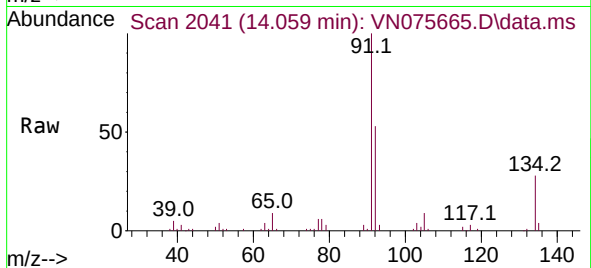
Tgt Ion: 91 Resp: 69806

Ion Ratio Lower Upper

91 100

92 53.6 26.7 80.1

134 27.4 13.9 41.7



#90

Hexachloroethane

Concen: 9.759 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075665.D

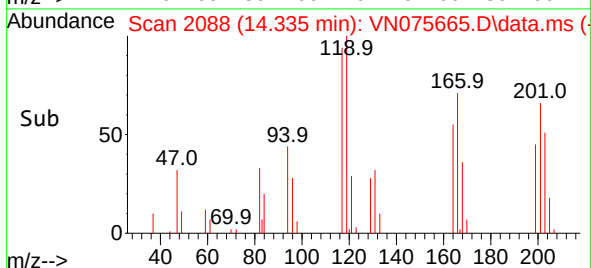
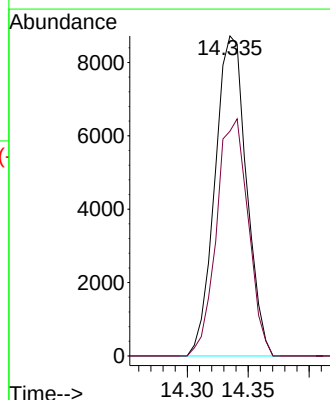
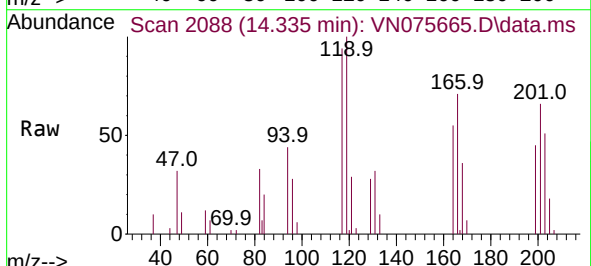
Acq: 09 Dec 2022 13:21

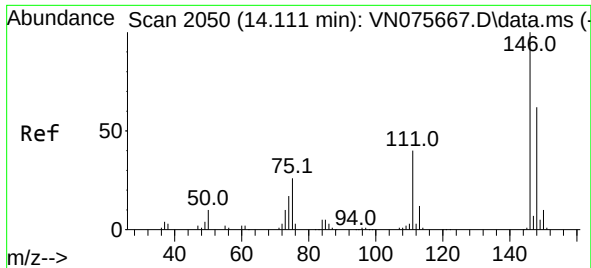
Tgt Ion: 117 Resp: 15710

Ion Ratio Lower Upper

117 100

201 74.4 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 9.502 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA\_N

ClientSampleId :

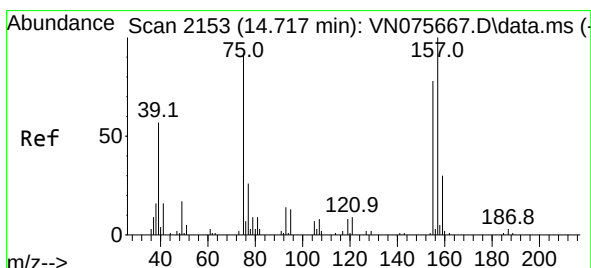
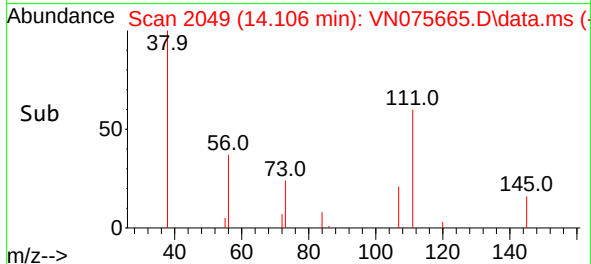
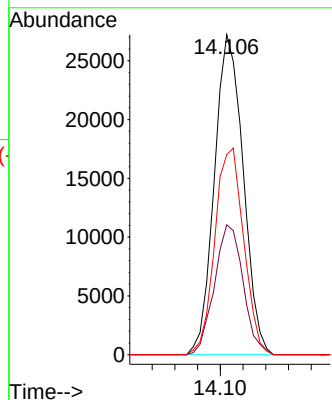
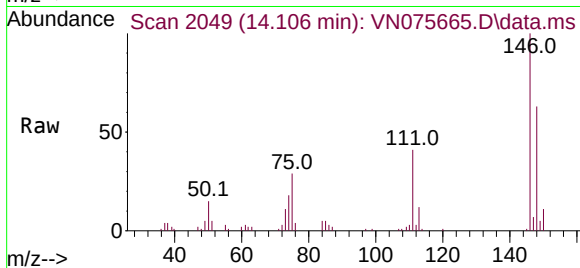
Tgt Ion:146 Resp: 47921

Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.3

148 64.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.283 ug/l

RT: 14.717 min Scan# 2153

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

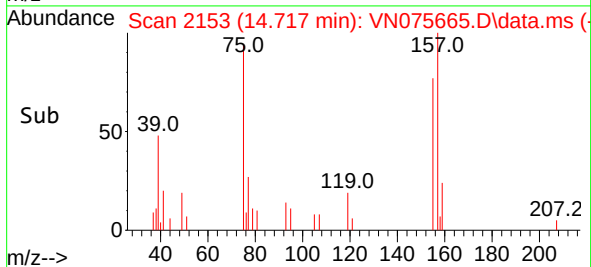
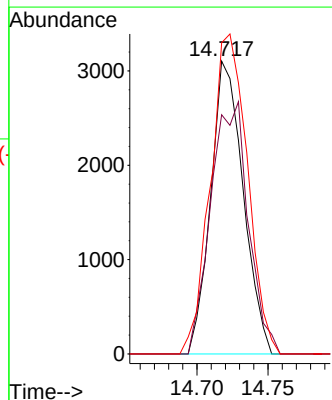
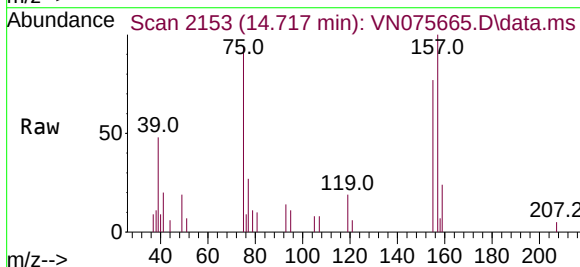
Tgt Ion: 75 Resp: 4938

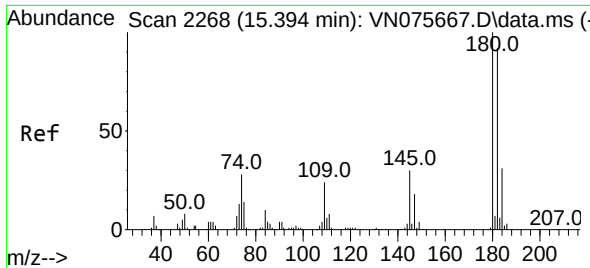
Ion Ratio Lower Upper

75 100

155 99.3 48.4 145.2

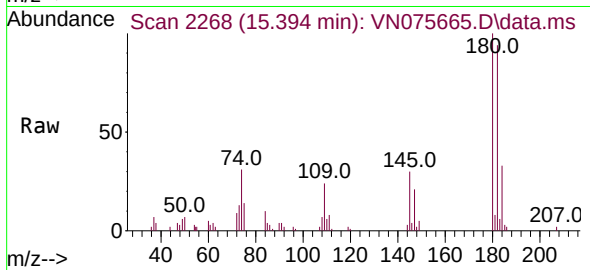
157 124.3 63.5 190.6



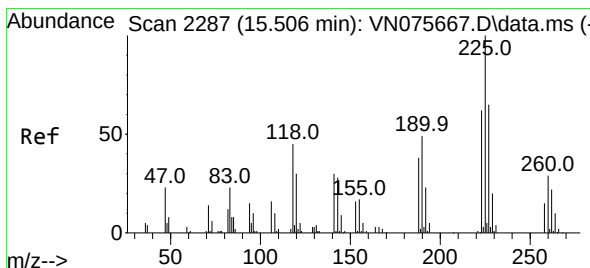
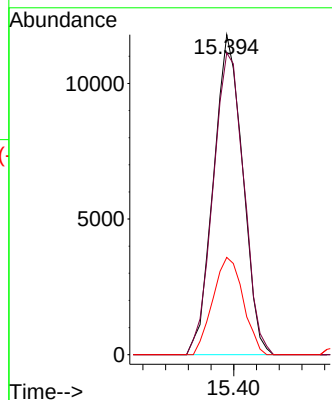
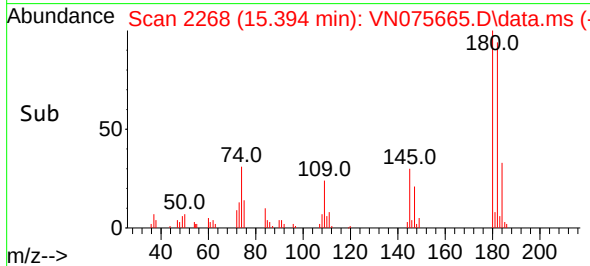


#93  
1,2,4-Trichlorobenzene  
Concen: 8.700 ug/l  
RT: 15.394 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Instrument :  
MSVOA\_N  
ClientSampleId :

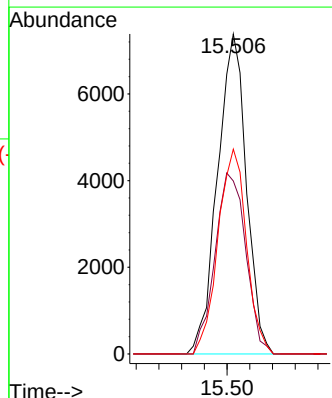
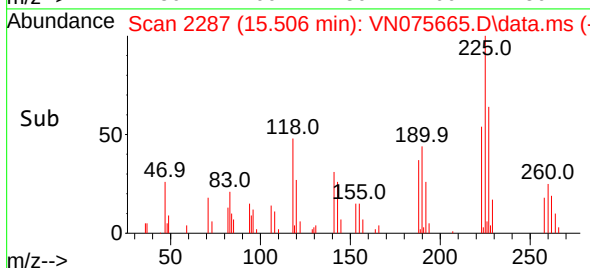
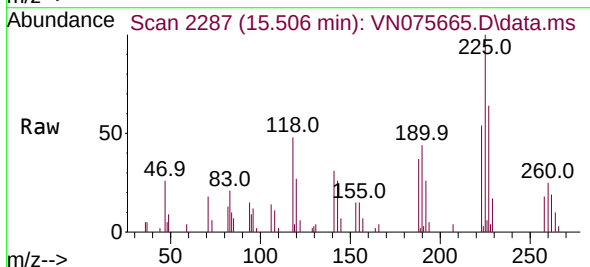


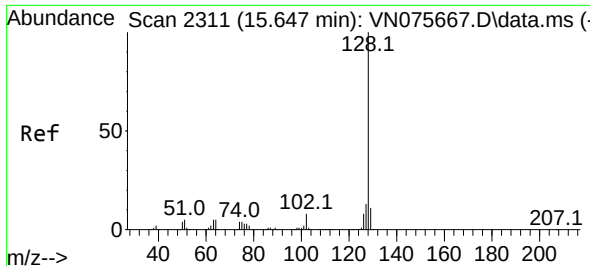
Tgt Ion:180 Resp: 21066  
Ion Ratio Lower Upper  
180 100  
182 99.1 47.1 141.3  
145 31.6 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 9.479 ug/l  
RT: 15.506 min Scan# 2287  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

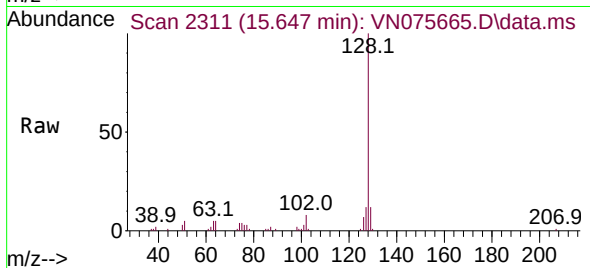
Tgt Ion:225 Resp: 13023  
Ion Ratio Lower Upper  
225 100  
223 60.3 31.4 94.2  
227 63.1 31.3 93.9



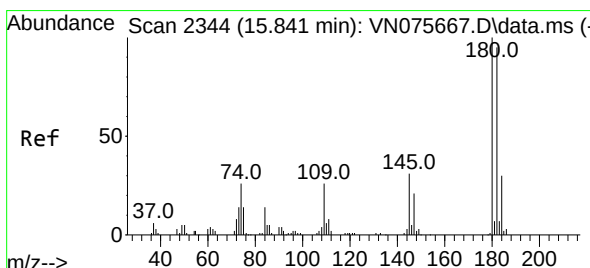
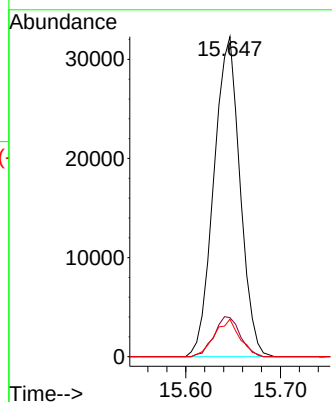
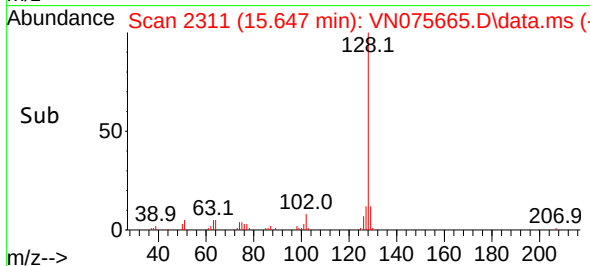


#95  
Naphthalene  
Concen: 8.660 ug/l  
RT: 15.647 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

Instrument :  
MSVOA\_N  
ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.5  | 10.2  | 15.4  |
| 129     | 11.3  | 8.4   | 12.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 8.975 ug/l  
RT: 15.847 min Scan# 2345  
Delta R.T. 0.006 min  
Lab File: VN075665.D  
Acq: 09 Dec 2022 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.3  | 46.8  | 140.4 |
| 145     | 30.9  | 15.6  | 46.8  |

