

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010923\  
 Data File : VX033655.D  
 Acq On : 09 Jan 2023 10:35  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 10 00:44:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X010723W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jan 07 06:16:21 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Bromochloromethane        | 4.897  | 128   | 13335    | 30.000   | ug/l        | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.757  | 114   | 96413    | 30.000   | ug/l        | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 106156   | 30.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 27) 1,2-Dichloroethane-d4    | 5.952  | 65    | 36427    | 33.737   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 112.467%# |          |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 59108    | 30.894   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 102.967%  |          |
| 63) Toluene-d8               | 8.647  | 98    | 104629   | 30.797   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 102.667%  |          |
| Target Compounds             |        |       |          |          |             |          |
|                              |        |       |          |          | Qvalue      |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 26763    | 19.190   | ug/l        | 99       |
| 3) Chloromethane             | 1.294  | 50    | 24533    | 16.411   | ug/l        | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 23724    | 17.569   | ug/l        | 97       |
| 5) Bromomethane              | 1.618  | 94    | 15146    | 20.251   | ug/l        | 99       |
| 6) Chloroethane              | 1.691  | 64    | 14476    | 18.305   | ug/l        | 95       |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 42307    | 20.303   | ug/l        | 96       |
| 8) Diethyl Ether             | 2.130  | 74    | 12873    | 18.974   | ug/l        | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 22266    | 20.607   | ug/l        | 99       |
| 10) 1,1-Dichloroethene       | 2.319  | 96    | 19982    | 19.615   | ug/l        | 95       |
| 11) Methyl Iodide            | 2.453  | 142   | 37061    | 21.163   | ug/l        | 100      |
| 12) Methyl Acetate           | 2.709  | 43    | 47945    | 22.481   | ug/l        | 93       |
| 13) Acrolein                 | 2.239  | 56    | 19563    | 85.074   | ug/l        | 99       |
| 14) Acrylonitrile            | 3.069  | 53    | 77724    | 110.512  | ug/l        | 99       |
| 15) Acetone                  | 2.398  | 58    | 18240    | 114.599  | ug/l        | 92       |
| 16) Carbon Disulfide         | 2.514  | 76    | 78423    | 26.456   | ug/l        | 99       |
| 17) Allyl chloride           | 2.666  | 41    | 53708    | 24.783   | ug/l        | 91       |
| 18) Methylene Chloride       | 2.788  | 84    | 32119    | 22.514   | ug/l        | 99       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 30678    | 22.415   | ug/l        | 92       |
| 20) Diisopropyl ether        | 3.751  | 45    | 105143   | 22.479   | ug/l #      | 78       |
| 21) 1,1-Dichloroethane       | 3.605  | 63    | 55292    | 21.555   | ug/l        | 97       |
| 22) cis-1,2-Dichloroethene   | 4.489  | 96    | 36004    | 22.121   | ug/l        | 98       |
| 23) tert-Butyl Alcohol       | 3.020  | 59    | 10797    | 38.866   | ug/l #      | 100      |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 96196    | 22.114   | ug/l        | 99       |
| 25) Chloroform               | 5.086  | 83    | 58111    | 22.319   | ug/l        | 92       |
| 26) Cyclohexane              | 5.471  | 56    | 53106    | 22.306   | ug/l #      | 100      |
| 29) 1,1-Dichloropropene      | 5.690  | 75    | 43506    | 20.876   | ug/l        | 99       |
| 30) 2-Butanone               | 4.574  | 43    | 114333   | 105.054  | ug/l #      | 98       |
| 31) 2,2-Dichloropropane      | 4.477  | 77    | 43617    | 24.309   | ug/l        | 99       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 52362    | 21.521   | ug/l        | 99       |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 49781    | 22.668   | ug/l        | 99       |
| 34) Benzene                  | 6.038  | 78    | 125699   | 20.762   | ug/l        | 99       |
| 35) Methacrylonitrile        | 4.916  | 41    | 24828    | 20.021   | ug/l        | 95       |
| 36) 1,2-Dichloroethane       | 6.080  | 62    | 46549    | 21.150   | ug/l        | 100      |
| 37) Trichloroethene          | 7.123  | 130   | 35329    | 20.234   | ug/l        | 92       |
| 38) Methylcyclohexane        | 7.379  | 83    | 54886    | 21.180   | ug/l        | 100      |
| 39) 1,2-Dichloropropane      | 7.428  | 63    | 31900    | 20.617   | ug/l        | 95       |
| 40) Dibromomethane           | 7.580  | 93    | 22444    | 20.640   | ug/l        | 98       |
| 41) Bromodichloromethane     | 7.818  | 83    | 47145    | 22.353   | ug/l        | 95       |
| 42) Vinyl Acetate            | 3.721  | 43    | 391728   | 100.721  | ug/l        | 100      |

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 Acq On : 09 Jan 2023 10:35  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 10 00:44:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X010723W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jan 07 06:16:21 2023  
 Response via : Initial Calibration

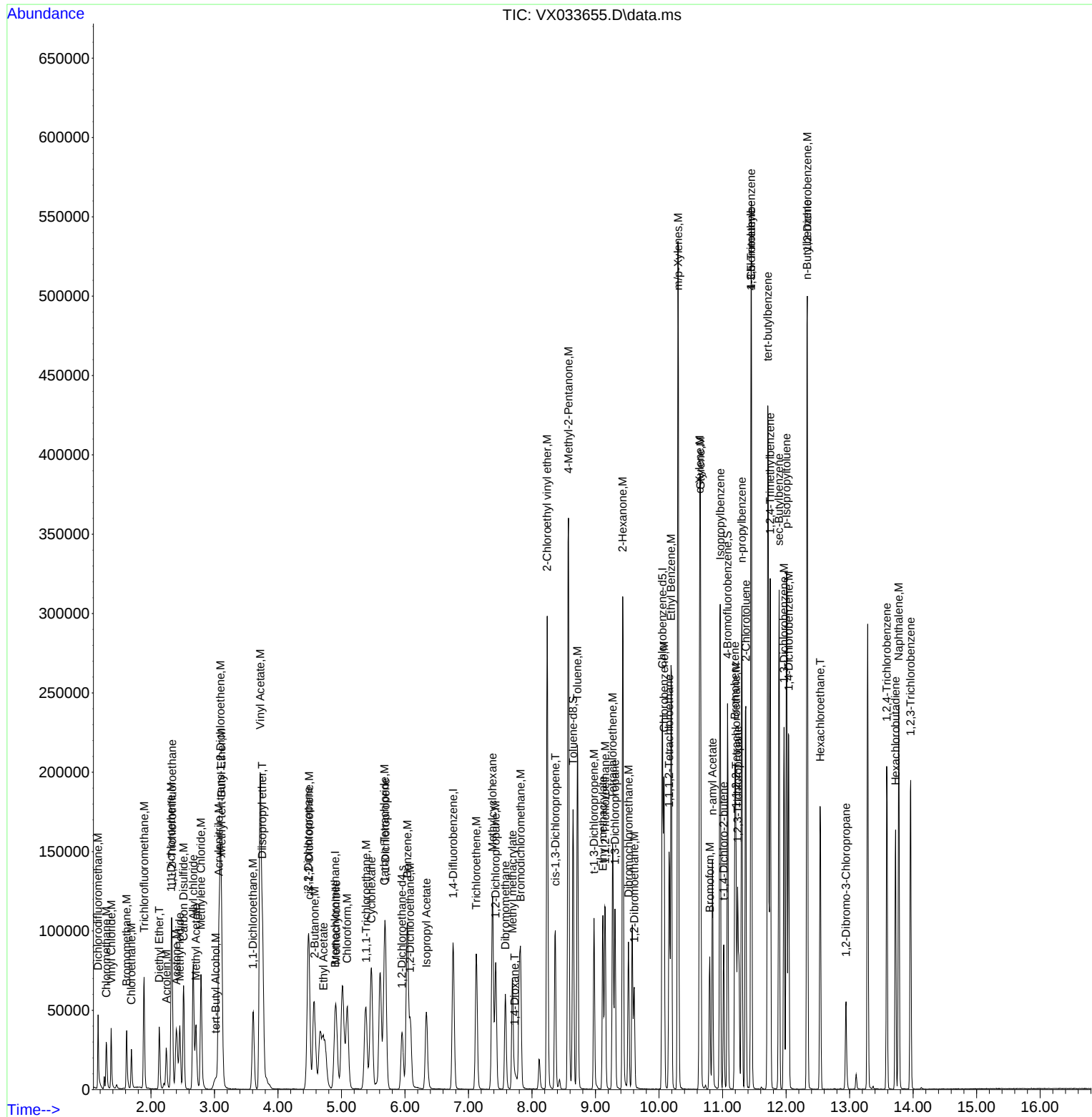
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.715  | 43   | 43702    | 19.597  | ug/l   | 99       |
| 44) Isopropyl Acetate         | 6.336  | 43   | 69274    | 19.800  | ug/l   | 100      |
| 45) 1,4-Dioxane               | 7.726  | 88   | 15509    | 406.320 | ug/l # | 1        |
| 46) Methyl methacrylate       | 7.690  | 41   | 35432    | 20.002  | ug/l   | 98       |
| 47) n-amyl Acetate            | 10.842 | 43   | 59738    | 20.055  | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 47606    | 22.090  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 52529    | 21.946  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 32109    | 20.342  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 46979    | 19.959  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 53425    | 20.208  | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.519  | 129  | 39585    | 23.009  | ug/l   | 96       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 35244    | 20.893  | ug/l   | 96       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 112837   | 99.165  | ug/l   | 100      |
| 56) Bromoform                 | 10.799 | 173  | 31620    | 23.938  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 222094   | 105.321 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 167764   | 108.100 | ug/l   | 99       |
| 61) Tetrachloroethene         | 9.269  | 164  | 31759    | 20.735  | ug/l   | 98       |
| 62) Toluene                   | 8.714  | 91   | 140808   | 21.071  | ug/l   | 99       |
| 64) Chlorobenzene             | 10.079 | 112  | 88870    | 20.648  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 35412    | 21.861  | ug/l   | 98       |
| 66) Ethyl Benzene             | 10.189 | 91   | 156997   | 21.067  | ug/l   | 100      |
| 67) m/p-Xylenes               | 10.299 | 106  | 125019   | 42.506  | ug/l   | 99       |
| 68) o-Xylene                  | 10.640 | 106  | 60683    | 20.991  | ug/l   | 98       |
| 69) Styrene                   | 10.653 | 104  | 101410   | 21.195  | ug/l   | 99       |
| 70) Isopropylbenzene          | 10.963 | 105  | 162438   | 21.696  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 49206    | 21.828  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 52673    | 25.792  | ug/l   | 93       |
| 73) Bromobenzene              | 11.195 | 156  | 41126    | 20.756  | ug/l   | 99       |
| 74) n-propylbenzene           | 11.305 | 91   | 186298   | 21.917  | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 110260   | 21.687  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 136403   | 21.944  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 15276    | 25.003  | ug/l   | 84       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 125128   | 21.946  | ug/l   | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 139401   | 21.867  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 134010   | 21.823  | ug/l   | 99       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 169248   | 21.941  | ug/l   | 98       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 146849   | 22.073  | ug/l   | 100      |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 77123    | 21.322  | ug/l   | 100      |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 76355    | 21.173  | ug/l   | 100      |
| 85) n-Butylbenzene            | 12.329 | 91   | 121800   | 22.518  | ug/l   | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 27991    | 25.861  | ug/l   | 95       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 74879    | 21.490  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 10097    | 21.574  | ug/l   | 96       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 50731    | 21.170  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 25379    | 22.087  | ug/l   | 98       |
| 91) Naphthalene               | 13.774 | 128  | 149196   | 21.202  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 50738    | 21.102  | ug/l   | 100      |

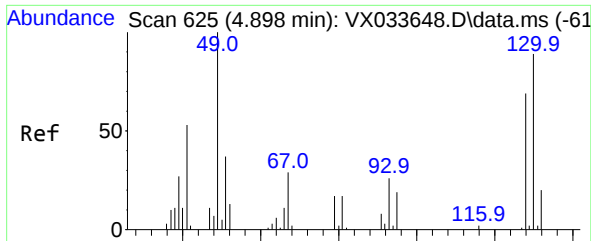
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010923\  
 Data File : VX033655.D  
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 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

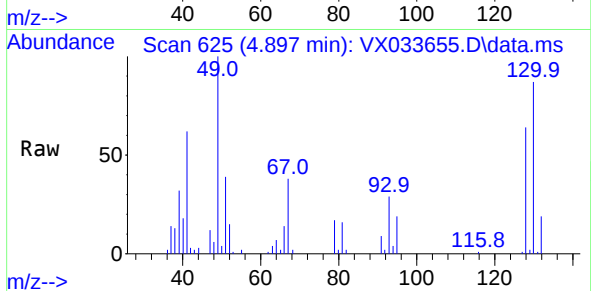
Quant Time: Jan 10 00:44:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X010723W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jan 07 06:16:21 2023  
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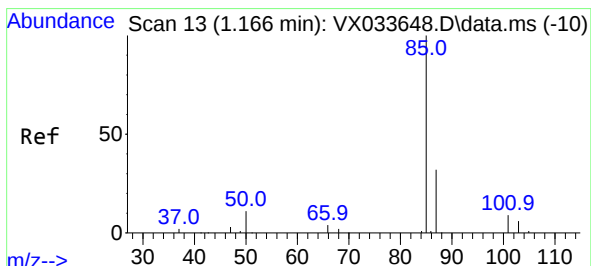
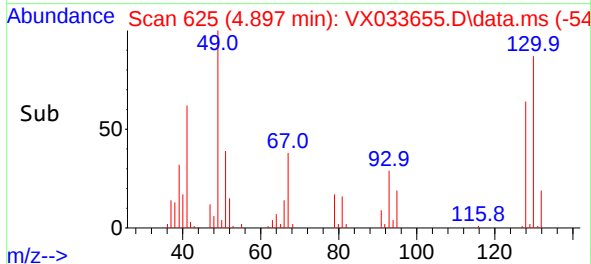
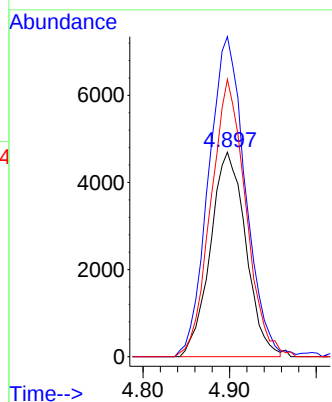


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

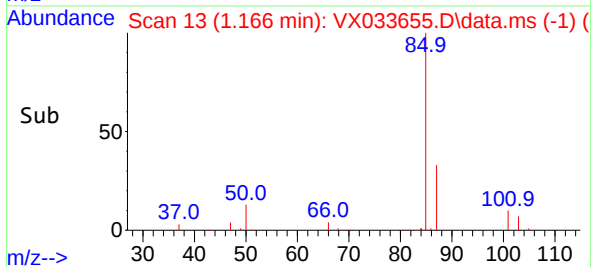
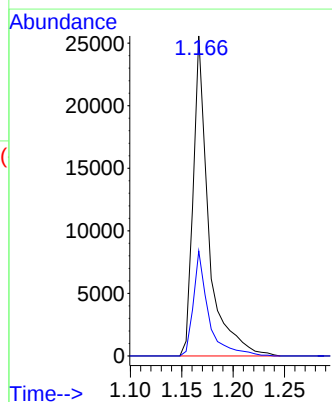
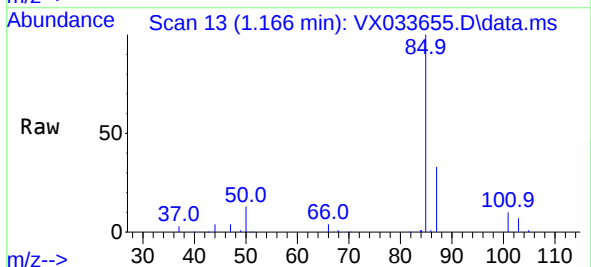


Tgt Ion:128 Resp: 13335  
Ion Ratio Lower Upper  
128 100  
49 161.7 0.0 398.5  
130 134.0 0.0 329.0

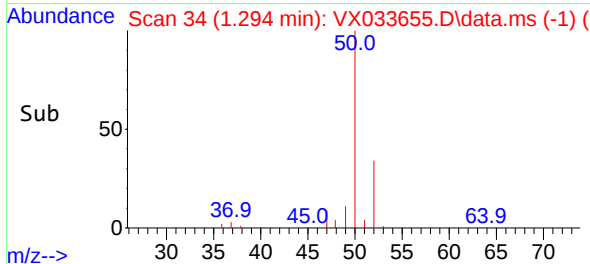
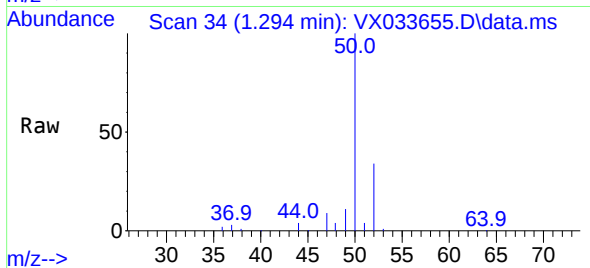
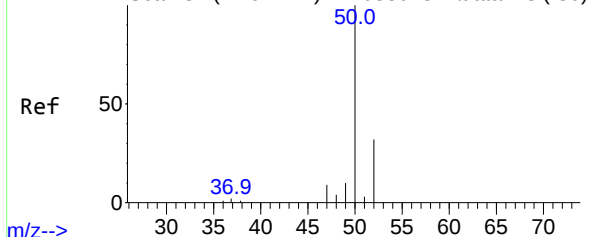


#2  
Dichlorodifluoromethane  
Concen: 19.190 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 85 Resp: 26763  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.0 48.0



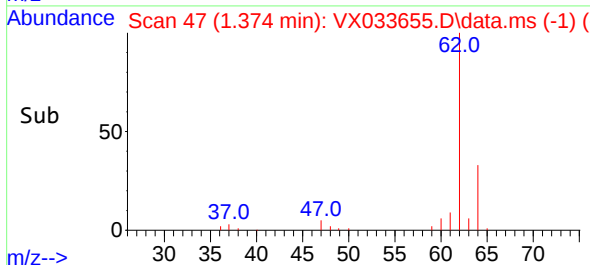
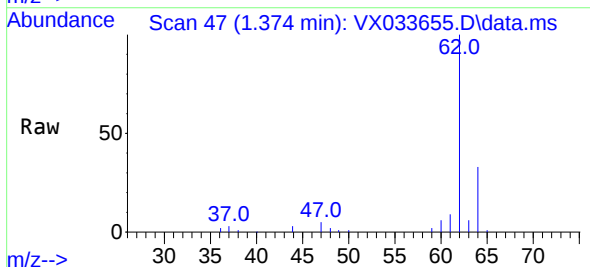
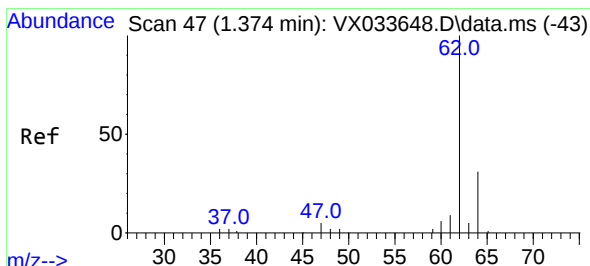
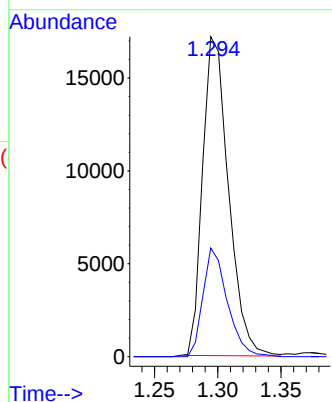
Abundance Scan 34 (1.294 min): VX033648.D\data.ms (-30)



#3  
Chloromethane  
Concen: 16.411 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

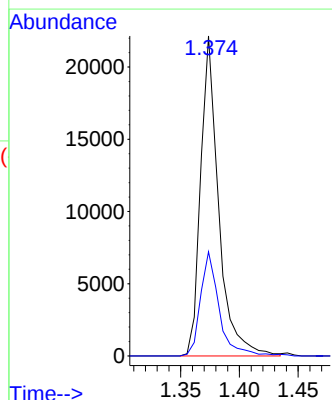
Instrument :  
MSVOA\_X  
ClientSampleId :

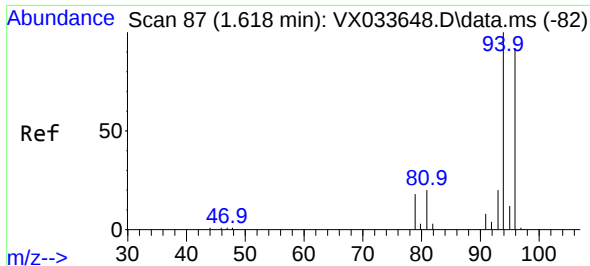
Tgt Ion: 50 Resp: 24533  
Ion Ratio Lower Upper  
50 100  
52 34.1 25.5 38.3



#4  
Vinyl Chloride  
Concen: 17.569 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

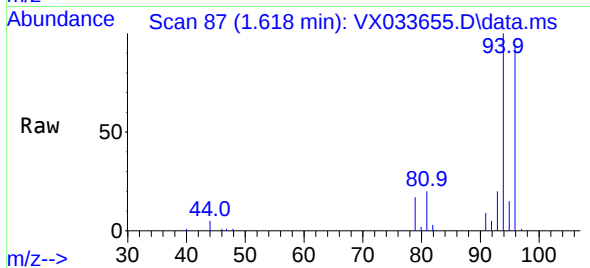
Tgt Ion: 62 Resp: 23724  
Ion Ratio Lower Upper  
62 100  
64 32.6 24.9 37.3



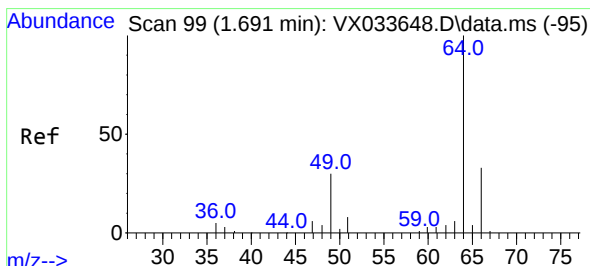
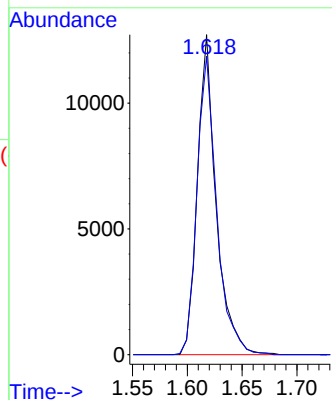
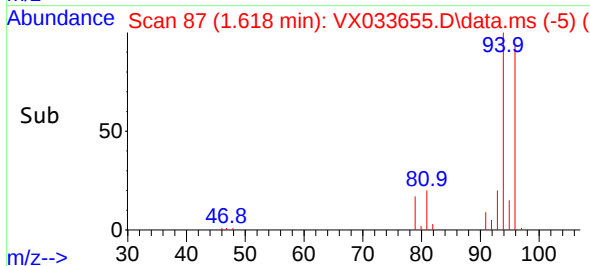


#5  
Bromomethane  
Concen: 20.251 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

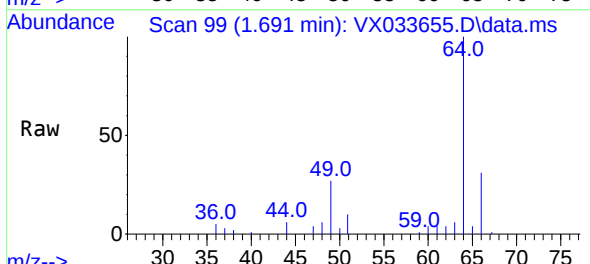
Instrument :  
MSVOA\_X  
ClientSampleId :



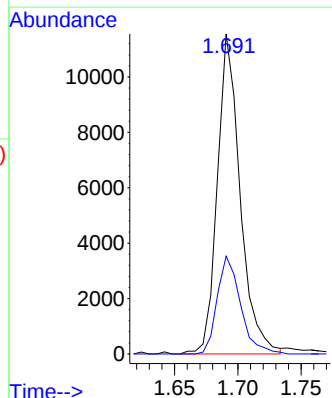
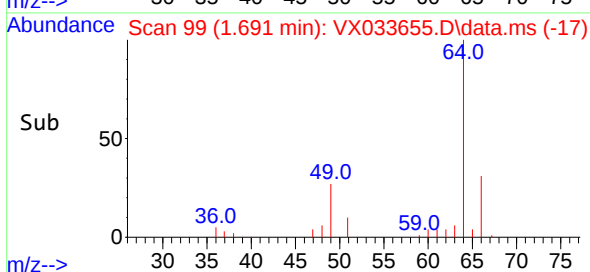
Tgt Ion: 94 Resp: 15146  
Ion Ratio Lower Upper  
94 100  
96 93.3 73.6 110.4

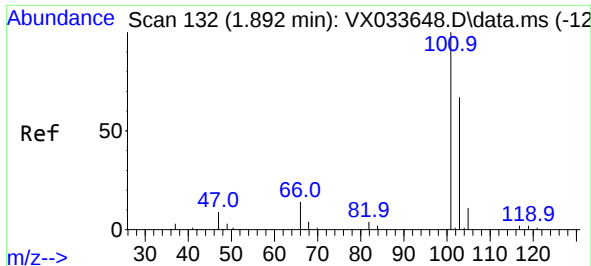


#6  
Chloroethane  
Concen: 18.305 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35



Tgt Ion: 64 Resp: 14476  
Ion Ratio Lower Upper  
64 100  
66 30.6 26.6 40.0

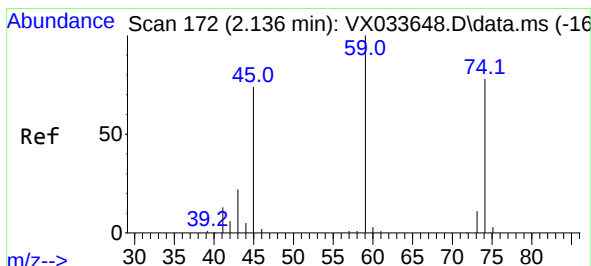
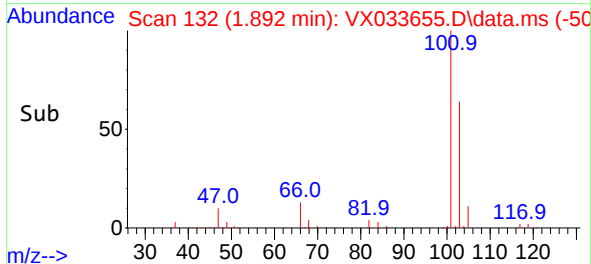
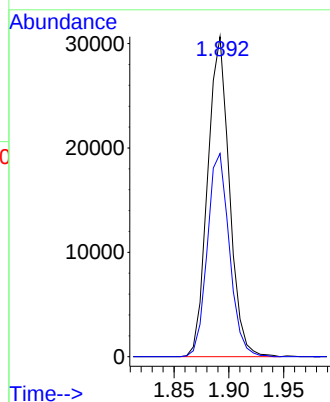
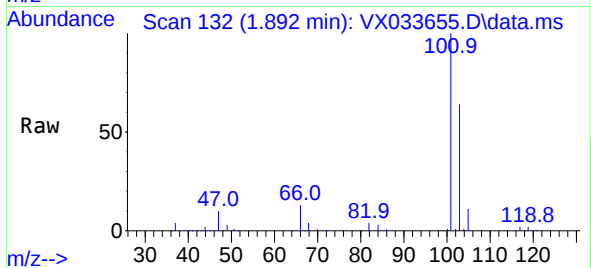




#7  
Trichlorofluoromethane  
Concen: 20.303 ug/l  
RT: 1.892 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

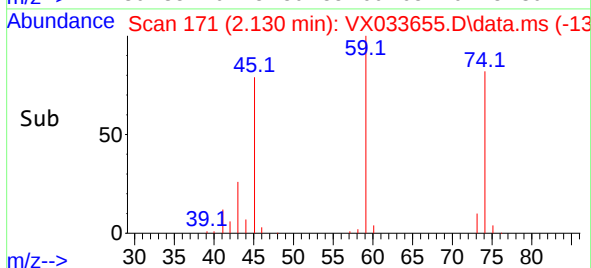
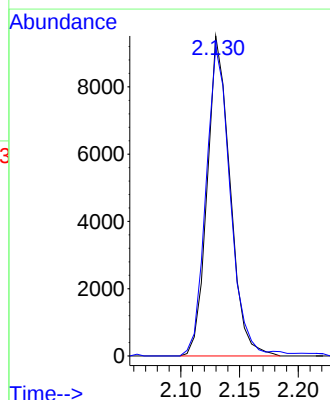
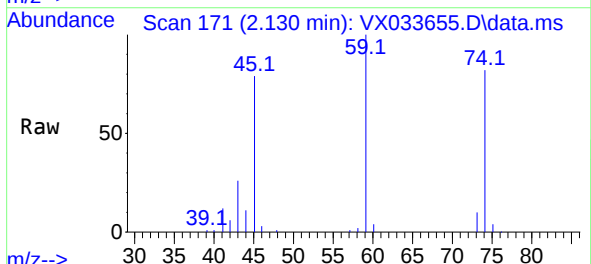
Instrument :  
MSVOA\_X  
ClientSampleId :

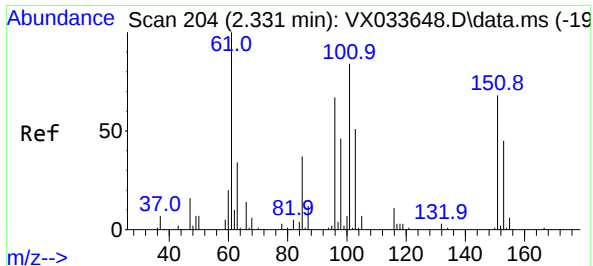
Tgt Ion:101 Resp: 42307  
Ion Ratio Lower Upper  
101 100  
103 63.5 53.7 80.5



#8  
Diethyl Ether  
Concen: 18.974 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 74 Resp: 12873  
Ion Ratio Lower Upper  
74 100  
45 102.1 20.3 182.9

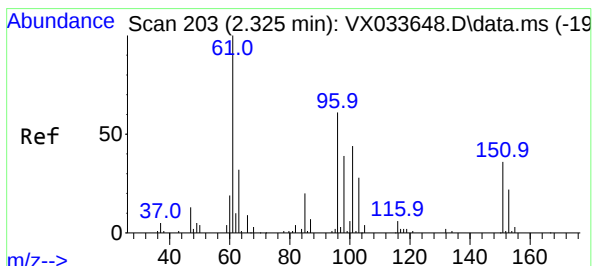
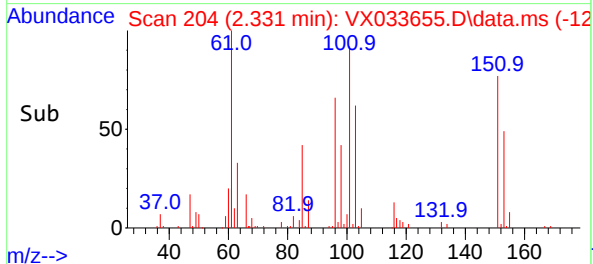
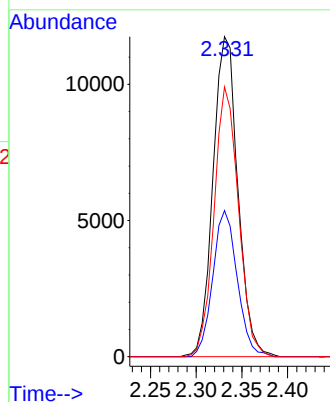
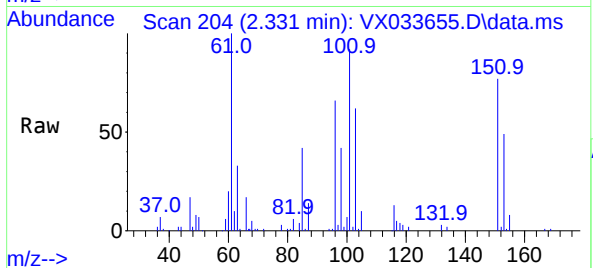




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.607 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

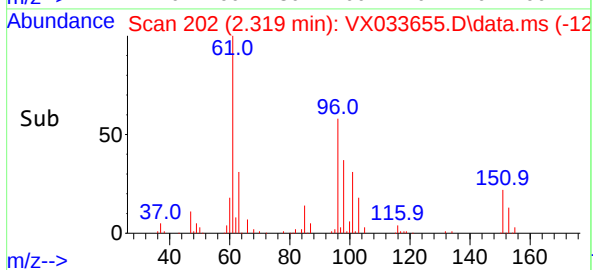
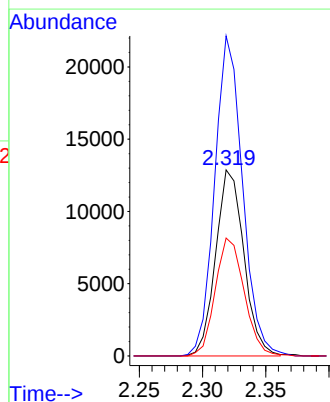
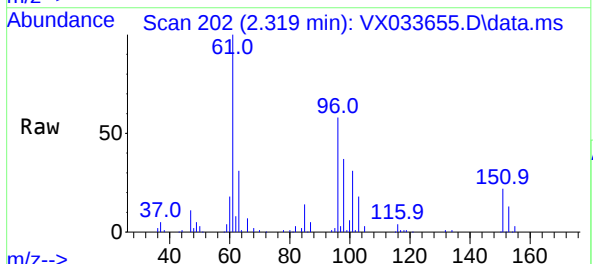
Instrument :  
MSVOA\_X  
ClientSampleId :

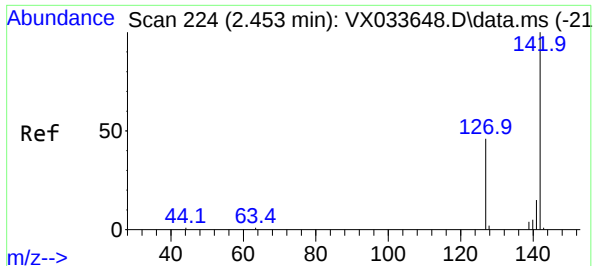
Tgt Ion:101 Resp: 22266  
Ion Ratio Lower Upper  
101 100  
85 44.8 0.0 88.8  
151 82.7 0.0 167.2



#10  
1,1-Dichloroethene  
Concen: 19.615 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

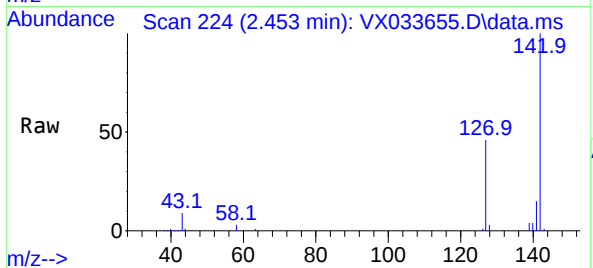
Tgt Ion: 96 Resp: 19982  
Ion Ratio Lower Upper  
96 100  
61 172.0 130.6 195.8  
98 63.4 50.8 76.2



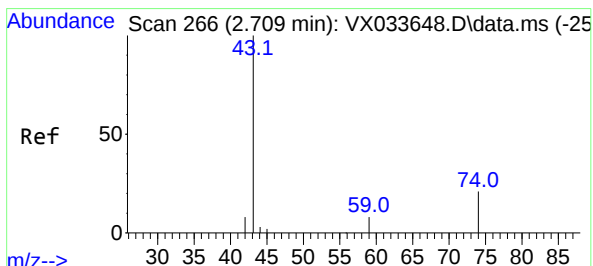
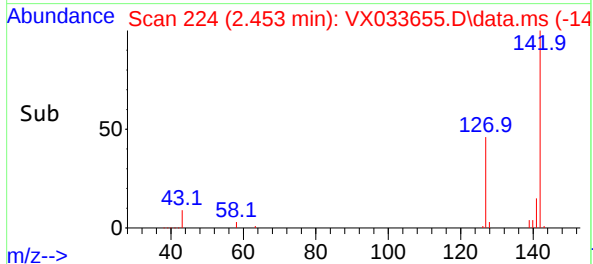
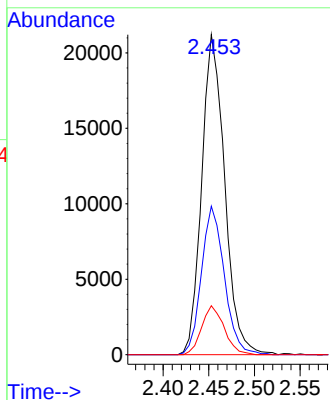


#11  
Methyl Iodide  
Concen: 21.163 ug/l  
RT: 2.453 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

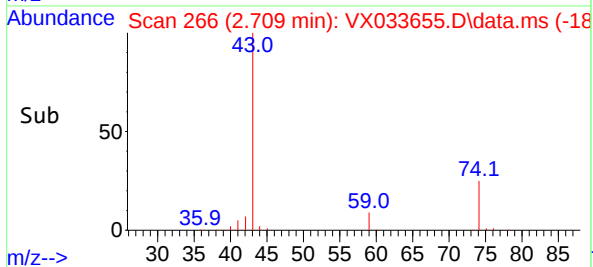
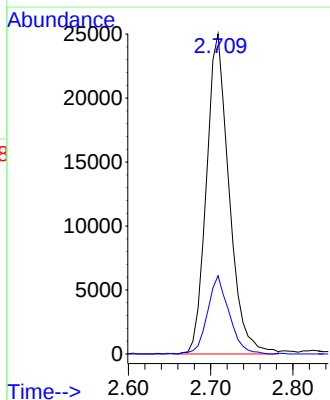
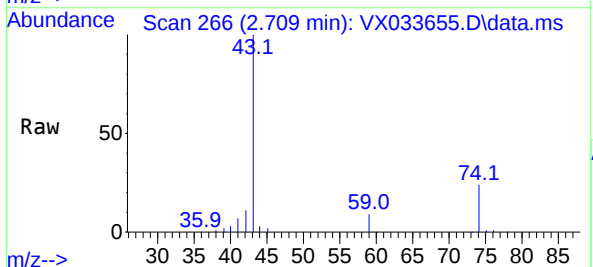


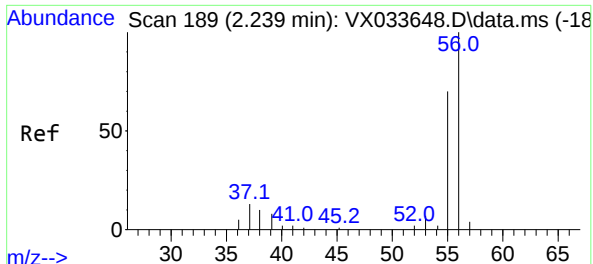
Tgt Ion:142 Resp: 37061  
Ion Ratio Lower Upper  
142 100  
127 46.4 23.2 69.5  
141 15.3 7.3 22.0



#12  
Methyl Acetate  
Concen: 22.481 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 43 Resp: 47945  
Ion Ratio Lower Upper  
43 100  
74 24.5 17.0 25.6

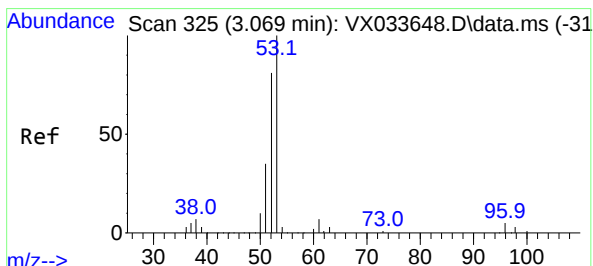
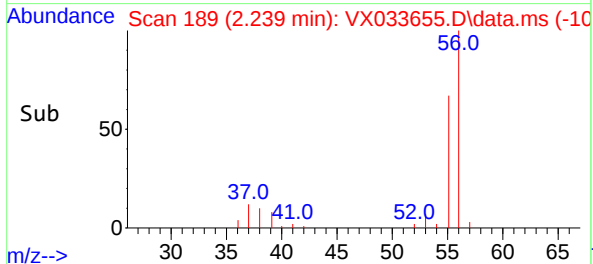
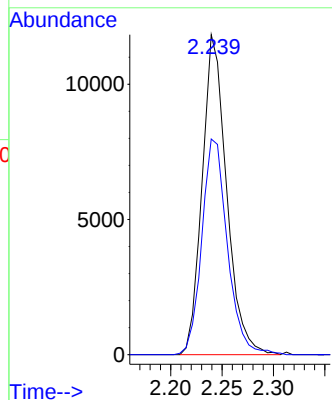
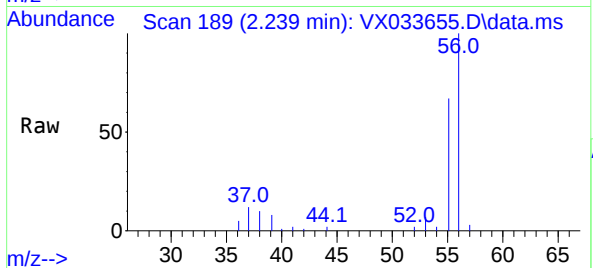




#13  
Acrolein  
Concen: 85.074 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

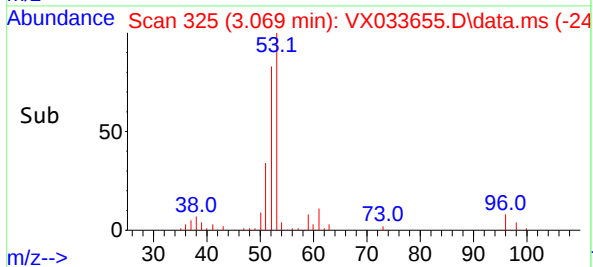
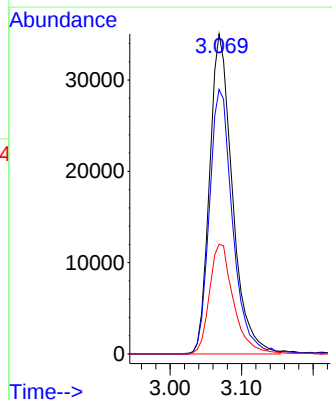
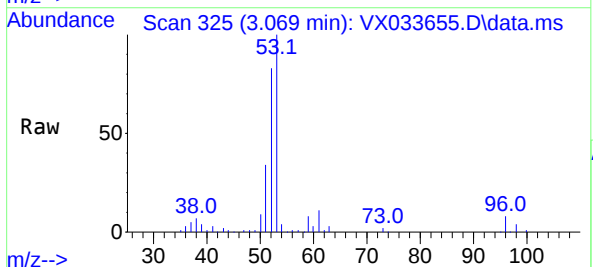
Instrument :  
MSVOA\_X  
ClientSampleId :

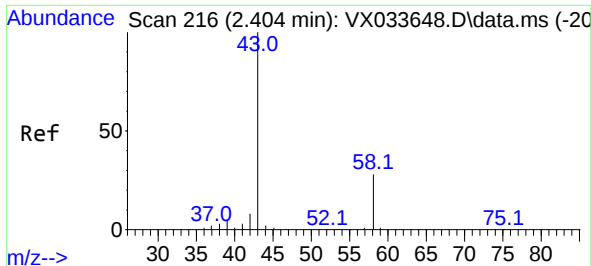
Tgt Ion: 56 Resp: 19563  
Ion Ratio Lower Upper  
56 100  
55 70.6 56.1 84.1



#14  
Acrylonitrile  
Concen: 110.512 ug/l  
RT: 3.069 min Scan# 325  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 53 Resp: 77724  
Ion Ratio Lower Upper  
53 100  
52 83.3 41.3 124.1  
51 36.1 18.4 55.4

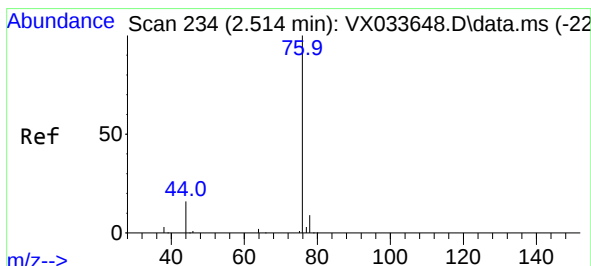
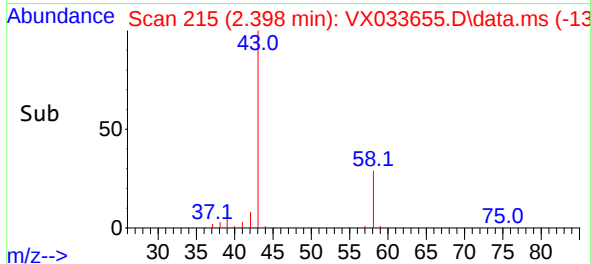
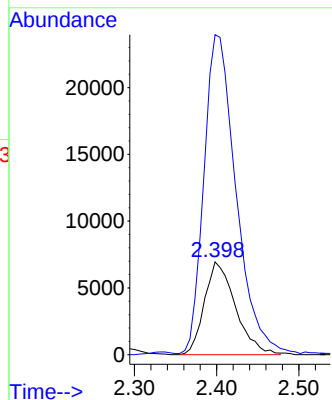
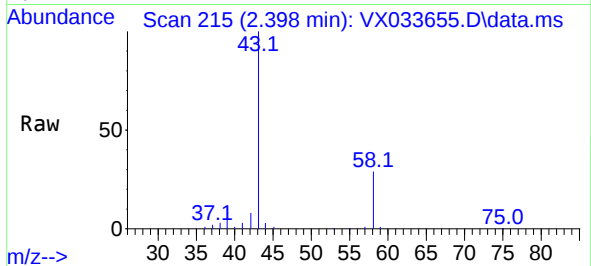




#15  
Acetone  
Concen: 114.599 ug/l  
RT: 2.398 min Scan# 216  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

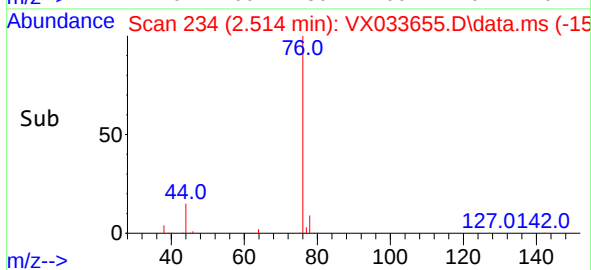
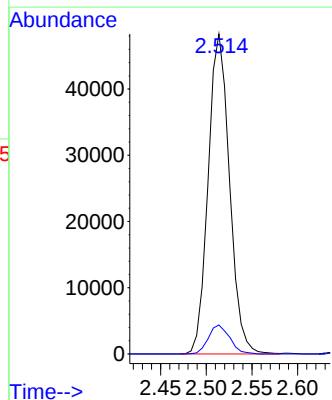
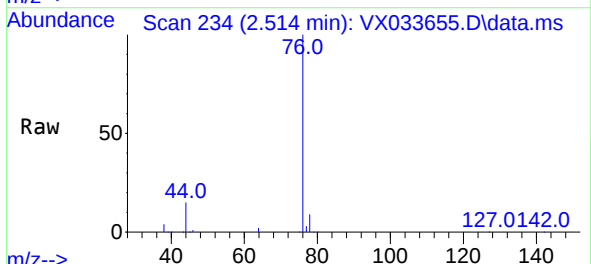
Instrument :  
MSVOA\_X  
ClientSampleId :

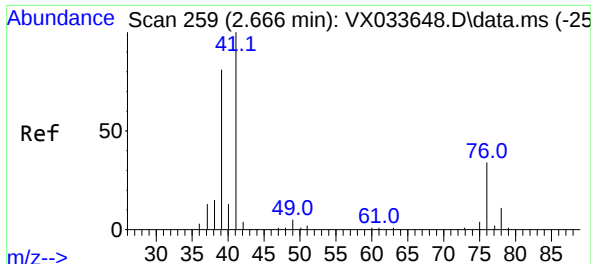
Tgt Ion: 58 Resp: 18240  
Ion Ratio Lower Upper  
58 100  
43 343.6 288.3 432.5



#16  
Carbon Disulfide  
Concen: 26.456 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

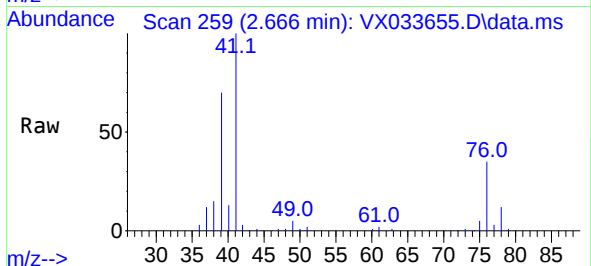
Tgt Ion: 76 Resp: 78423  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.4





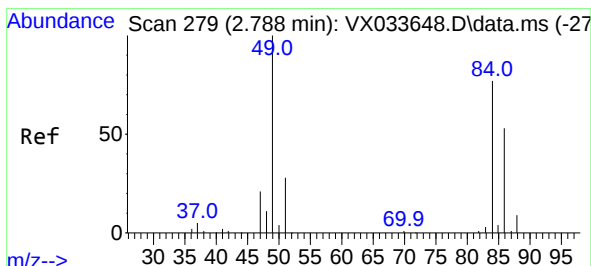
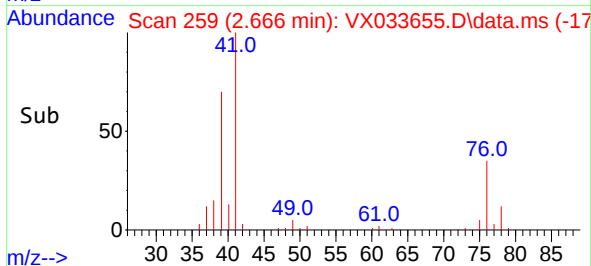
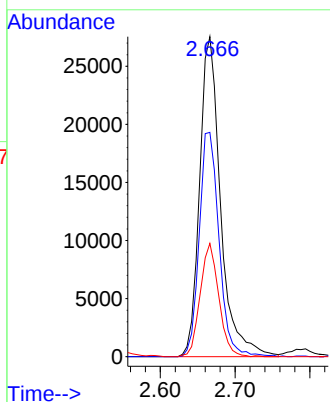
#17  
 Allyl chloride  
 Concen: 24.783 ug/l  
 RT: 2.666 min Scan# 259  
 Delta R.T. -0.000 min  
 Lab File: VX033655.D  
 Acq: 09 Jan 2023 10:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 41 Resp: 53708

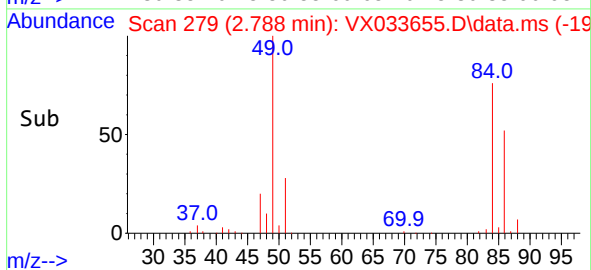
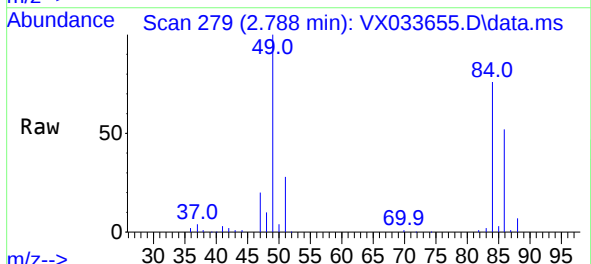
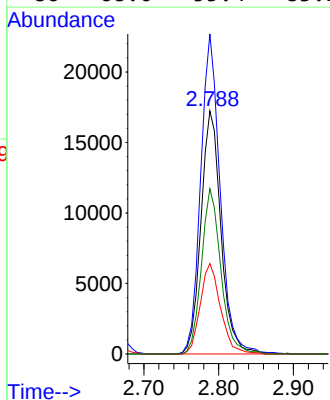
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 70.1  | 40.3  | 120.8 |
| 76  | 35.4  | 17.0  | 50.9  |

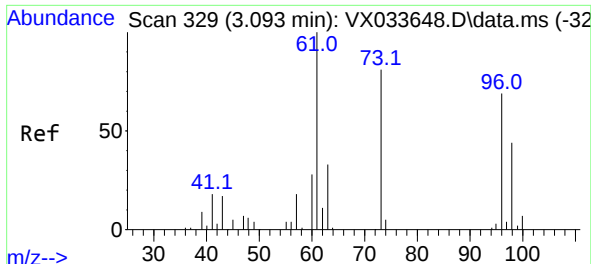


#18  
 Methylene Chloride  
 Concen: 22.514 ug/l  
 RT: 2.788 min Scan# 279  
 Delta R.T. -0.000 min  
 Lab File: VX033655.D  
 Acq: 09 Jan 2023 10:35

Tgt Ion: 84 Resp: 32119

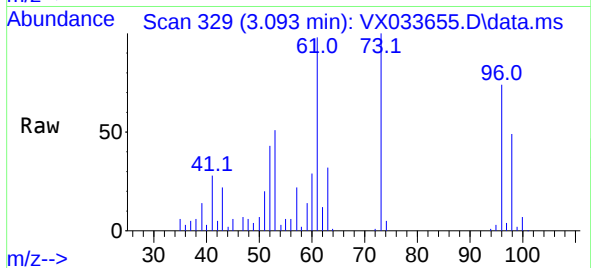
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 131.6 | 104.1 | 156.1 |
| 51  | 37.2  | 29.2  | 43.8  |
| 86  | 68.0  | 55.4  | 83.2  |



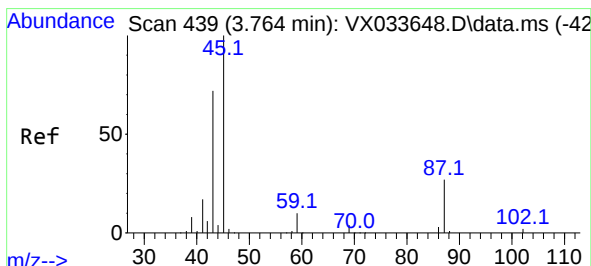
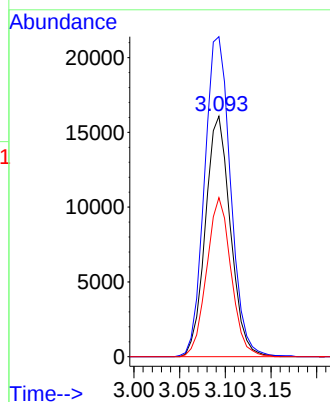
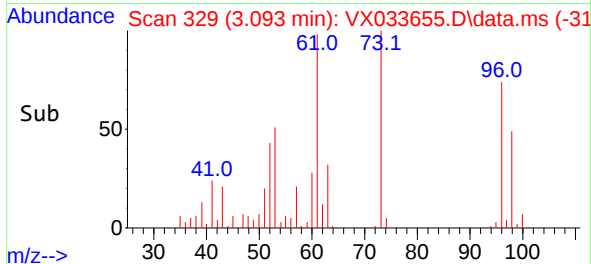


#19  
trans-1,2-Dichloroethene  
Concen: 22.415 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

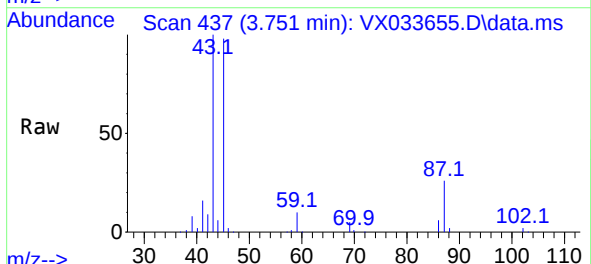
Instrument :  
MSVOA\_X  
ClientSampleId :



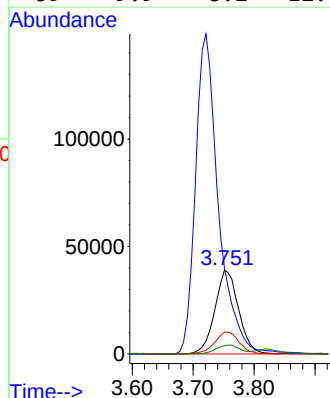
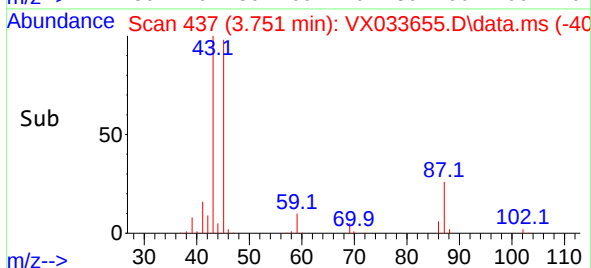
Tgt Ion: 96 Resp: 30678  
Ion Ratio Lower Upper  
96 100  
61 132.6 117.1 175.7  
98 66.1 52.0 78.0

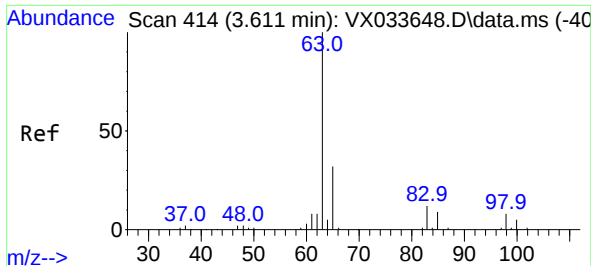


#20  
Diisopropyl ether  
Concen: 22.479 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. -0.012 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35



Tgt Ion: 45 Resp: 105143  
Ion Ratio Lower Upper  
45 100  
43 99.7 58.0 87.0#  
87 26.0 21.7 32.5  
59 9.9 8.2 12.4





#21

1,1-Dichloroethane

Concen: 21.555 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX033655.D

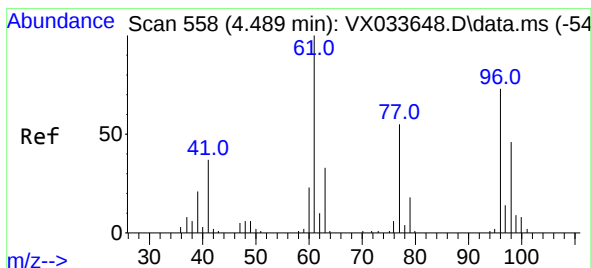
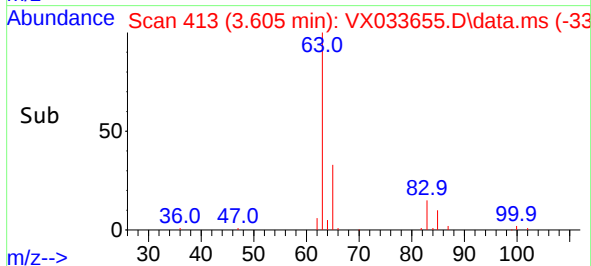
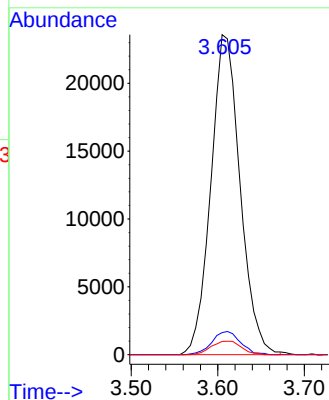
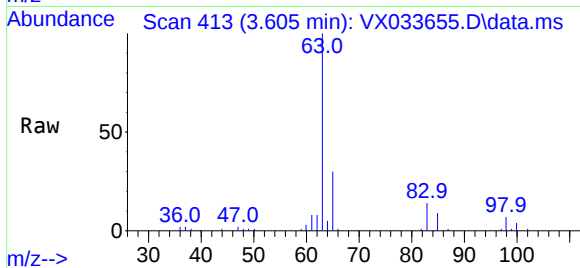
Acq: 09 Jan 2023 10:35

Instrument :

MSVOA\_X

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 55292 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 6.9   | 4.0   | 12.2  |
| 100       | 4.1   | 2.4   | 7.2   |



#22

cis-1,2-Dichloroethene

Concen: 22.121 ug/l

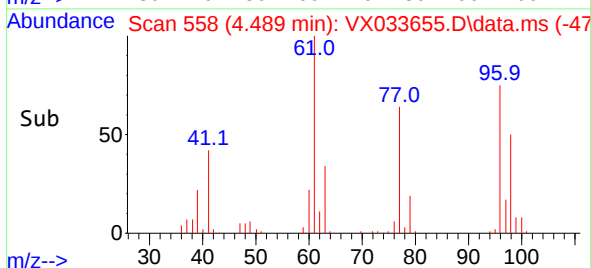
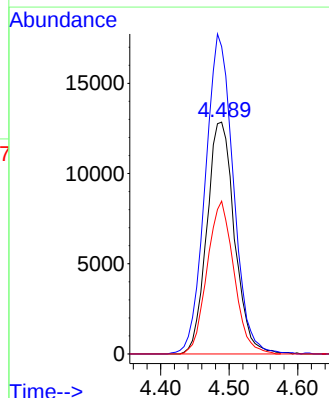
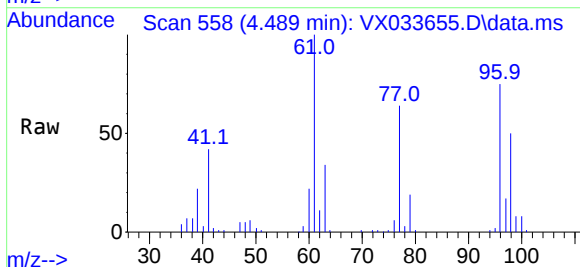
RT: 4.489 min Scan# 558

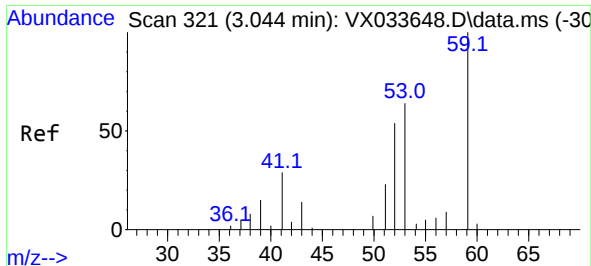
Delta R.T. -0.000 min

Lab File: VX033655.D

Acq: 09 Jan 2023 10:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 36004 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 140.1 | 114.2 | 171.2 |
| 98        | 63.9  | 51.4  | 77.0  |

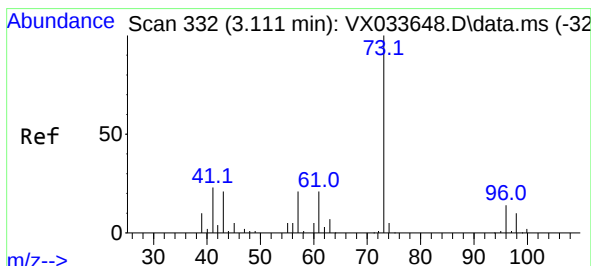
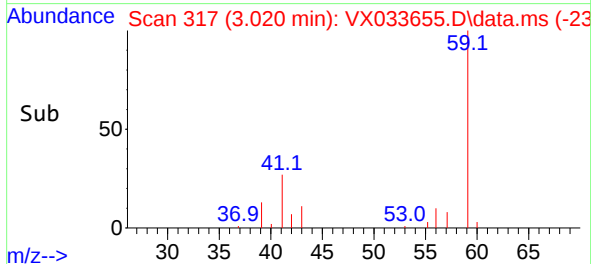
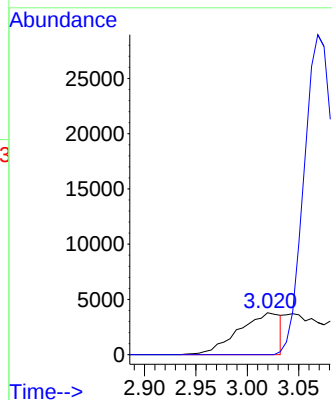
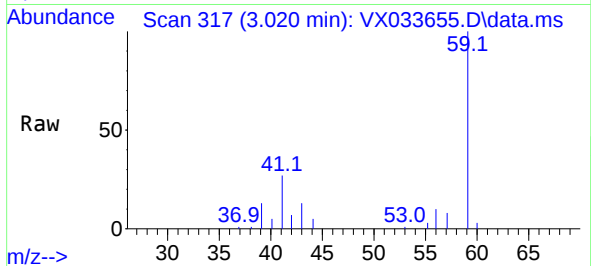




#23  
tert-Butyl Alcohol  
Concen: 38.866 ug/l  
RT: 3.020 min Scan# 317  
Delta R.T. -0.024 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

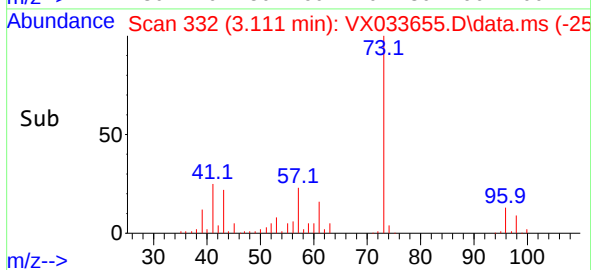
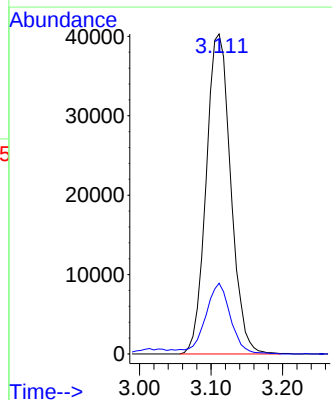
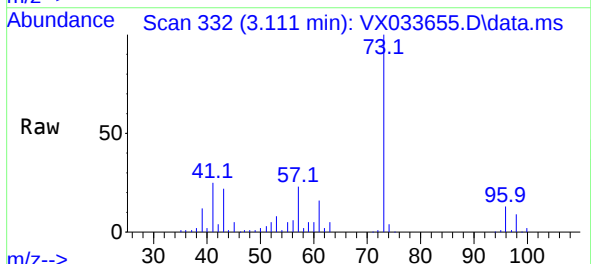
Instrument :  
MSVOA\_X  
ClientSampleId :

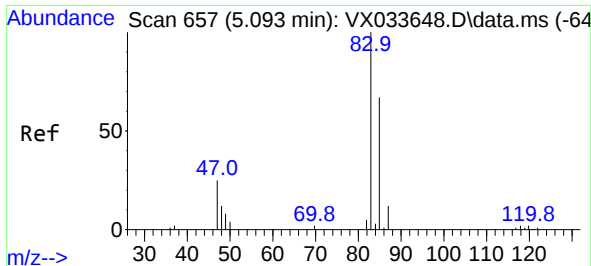
Tgt Ion: 59 Resp: 10797  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.2 0.2#



#24  
Methyl tert-Butyl Ether  
Concen: 22.114 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 73 Resp: 96196  
Ion Ratio Lower Upper  
73 100  
43 22.3 18.1 27.1





#25

Chloroform

Concen: 22.319 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX033655.D

Acq: 09 Jan 2023 10:35

Instrument :

MSVOA\_X

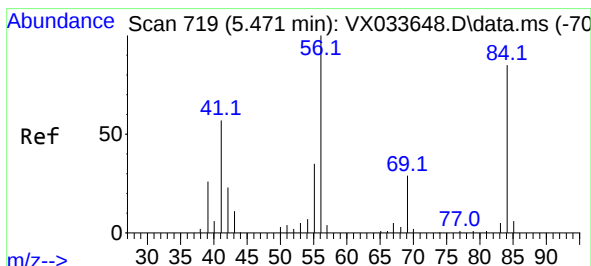
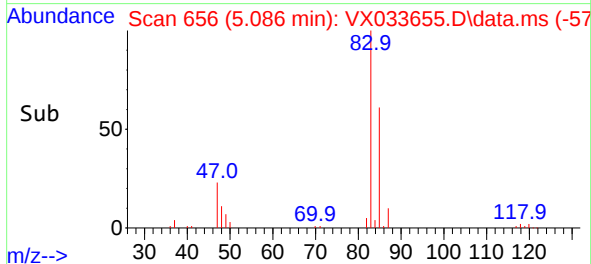
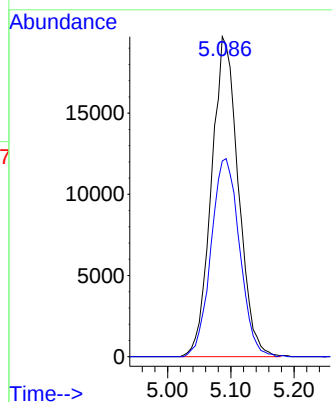
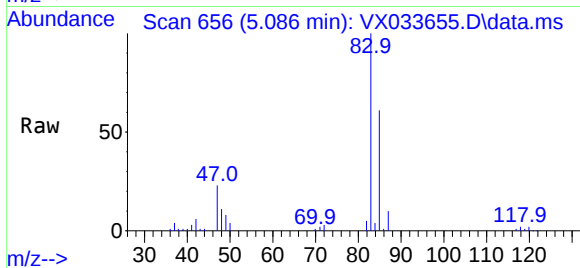
ClientSampleId :

Tgt Ion: 83 Resp: 58111

Ion Ratio Lower Upper

83 100

85 61.2 53.9 80.9



#26

Cyclohexane

Concen: 22.306 ug/l

RT: 5.471 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX033655.D

Acq: 09 Jan 2023 10:35

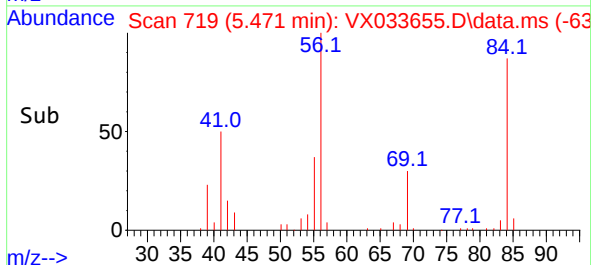
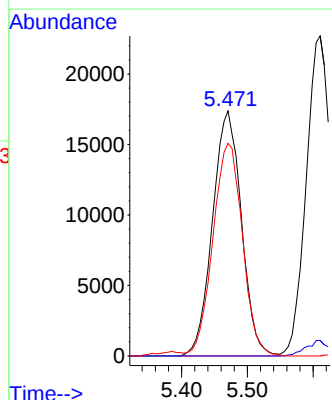
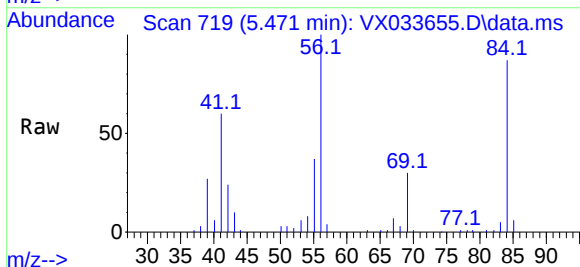
Tgt Ion: 56 Resp: 53106

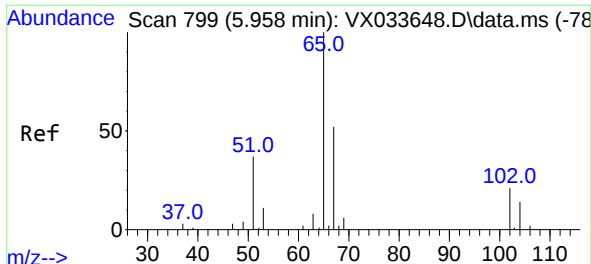
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.8 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 33.737 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033655.D

Acq: 09 Jan 2023 10:35

Instrument :

MSVOA\_X

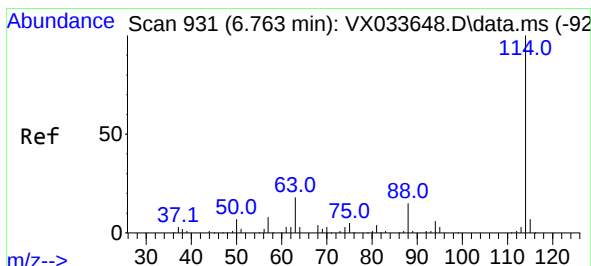
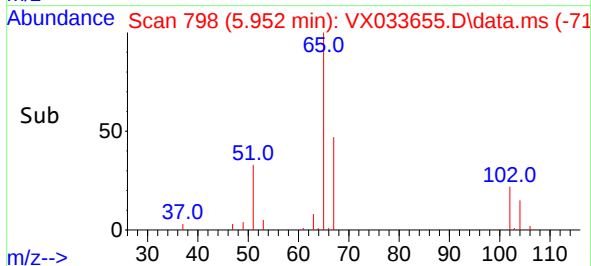
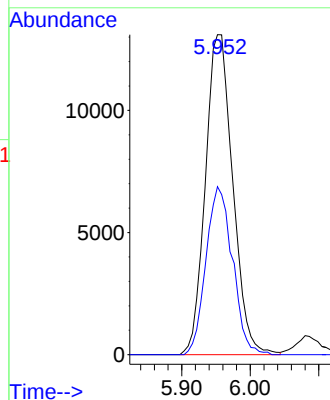
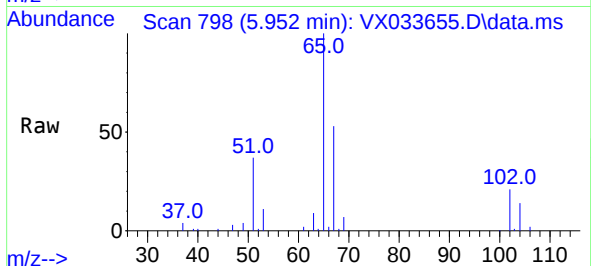
ClientSampleId :

Tgt Ion: 65 Resp: 36427

Ion Ratio Lower Upper

65 100

67 50.8 40.4 60.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033655.D

Acq: 09 Jan 2023 10:35

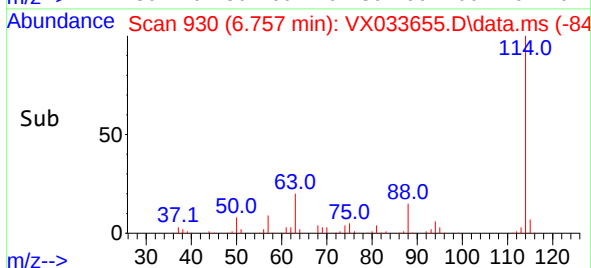
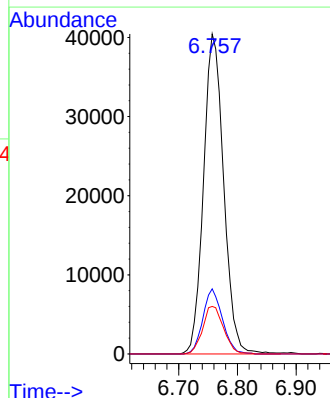
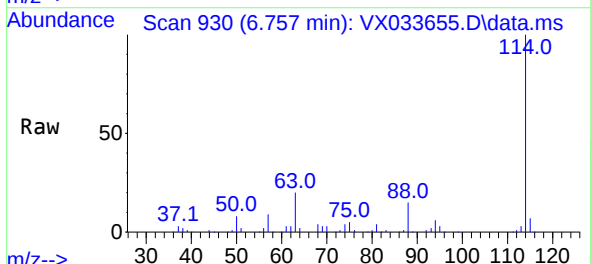
Tgt Ion: 114 Resp: 96413

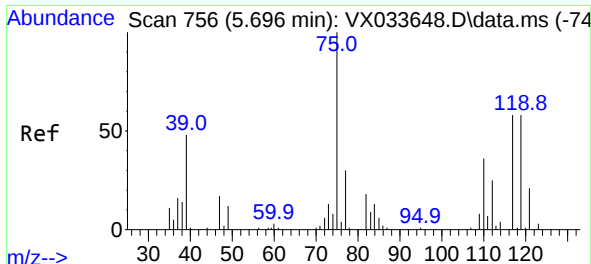
Ion Ratio Lower Upper

114 100

63 19.7 15.5 23.3

88 15.3 12.4 18.6



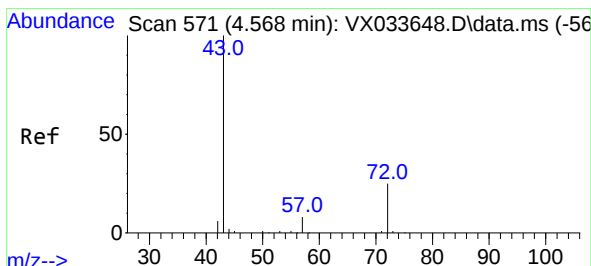
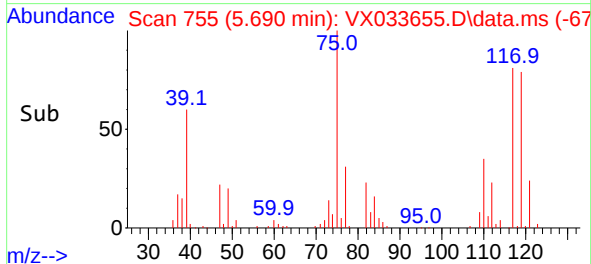
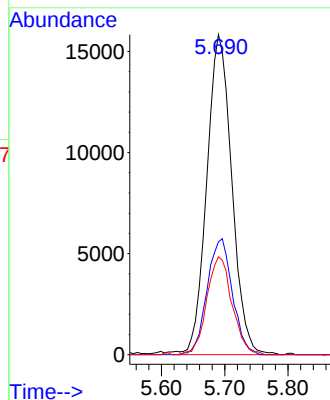
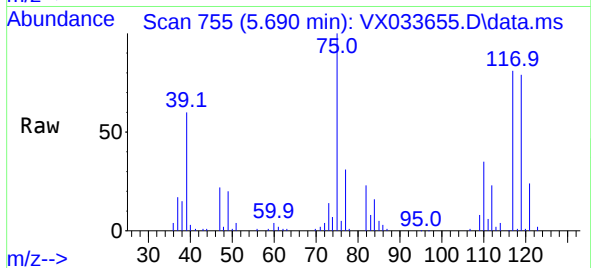


#29  
1,1-Dichloropropene  
Concen: 20.876 ug/l  
RT: 5.690 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 43506

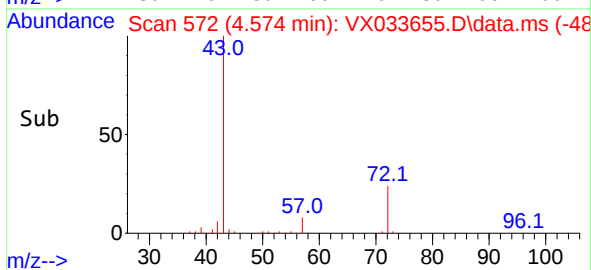
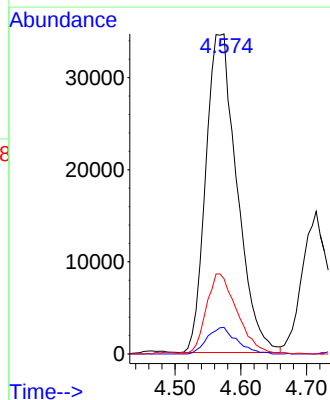
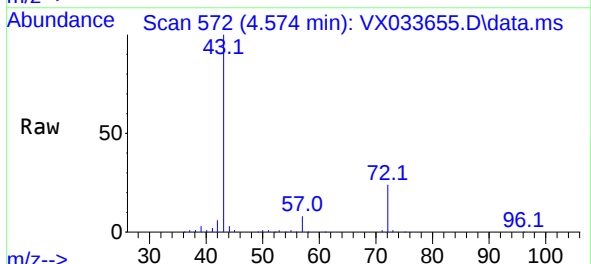
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 36.5  | 0.0   | 71.4  |
| 77  | 30.8  | 0.0   | 61.0  |

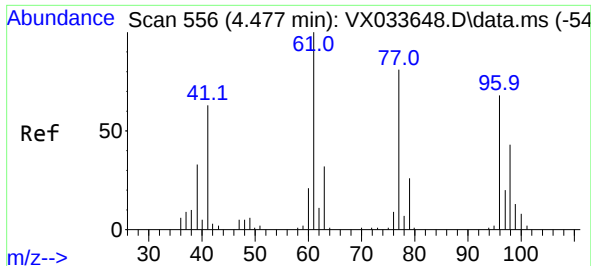


#30  
2-Butanone  
Concen: 105.054 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 43 Resp: 114333

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 57  | 7.8   | 3.4   | 5.2#  |
| 72  | 24.7  | 19.8  | 29.6  |

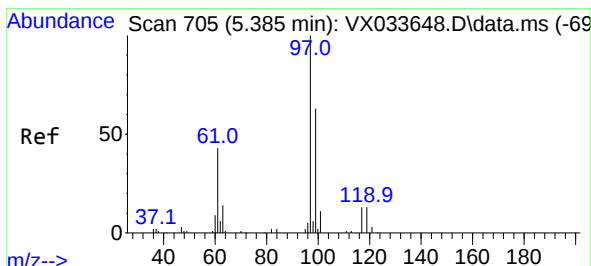
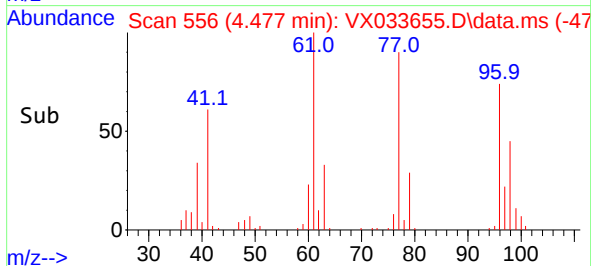
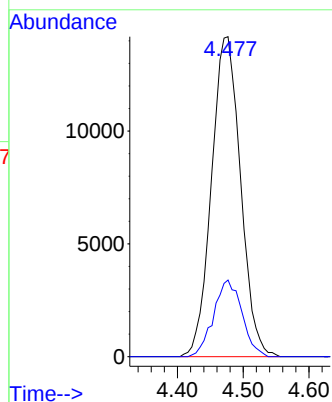
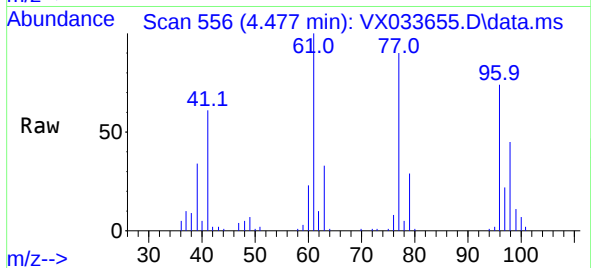




#31  
2,2-Dichloropropane  
Concen: 24.309 ug/l  
RT: 4.477 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

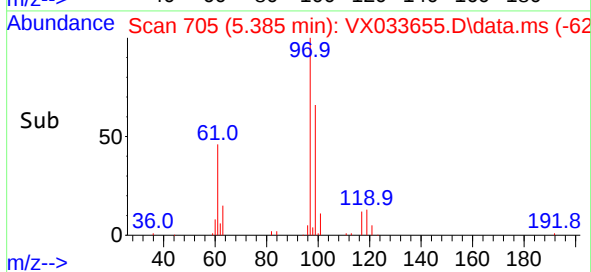
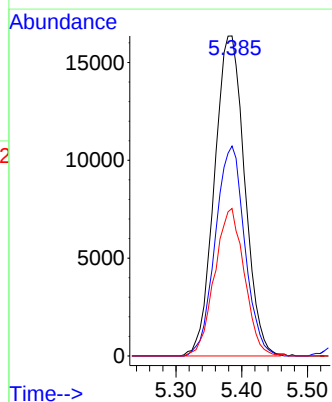
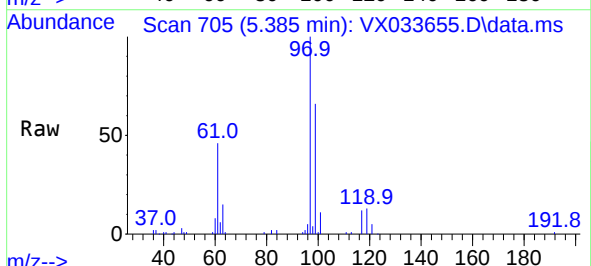
Instrument :  
MSVOA\_X  
ClientSampleId :

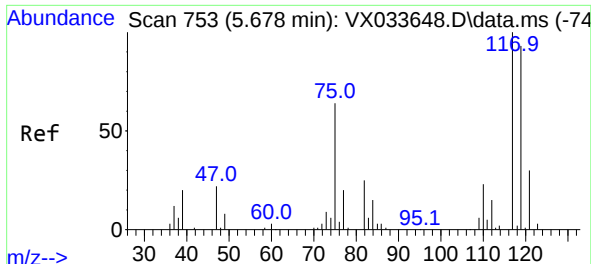
Tgt Ion: 77 Resp: 43617  
Ion Ratio Lower Upper  
77 100  
97 23.4 19.0 28.6



#32  
1,1,1-Trichloroethane  
Concen: 21.521 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

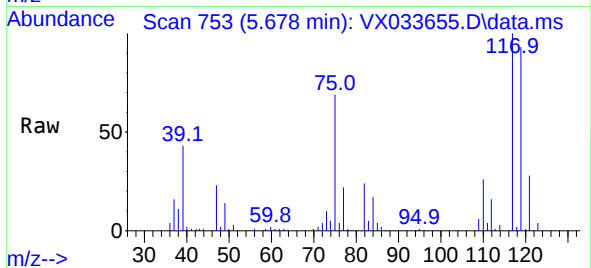
Tgt Ion: 97 Resp: 52362  
Ion Ratio Lower Upper  
97 100  
99 64.0 52.0 78.0  
61 45.1 35.4 53.2



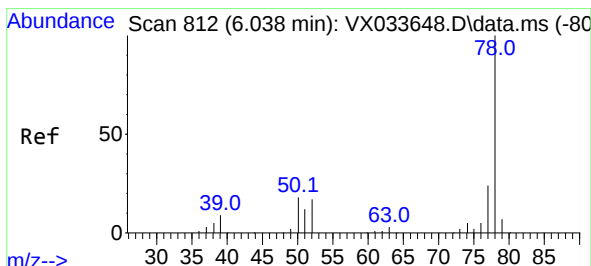
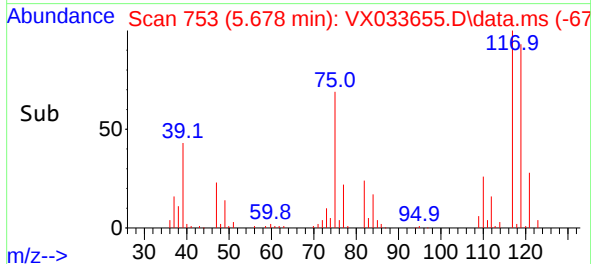
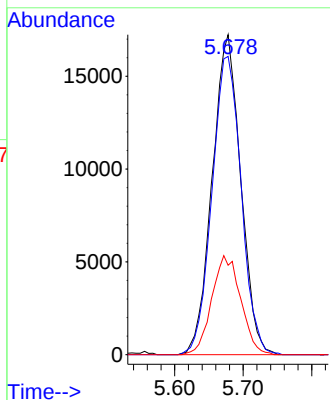


#33  
Carbon Tetrachloride  
Concen: 22.668 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

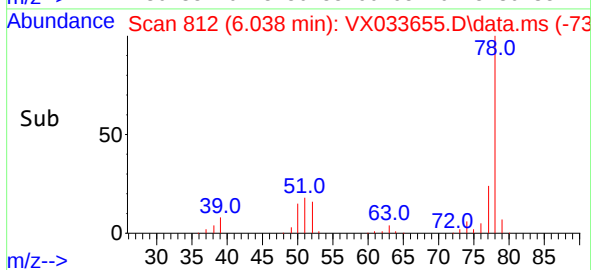
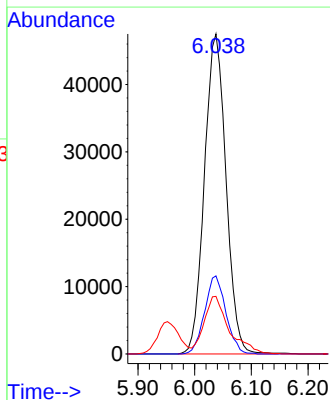
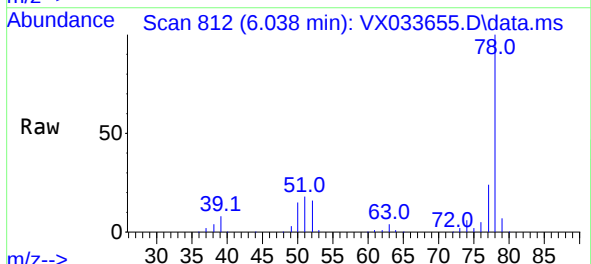


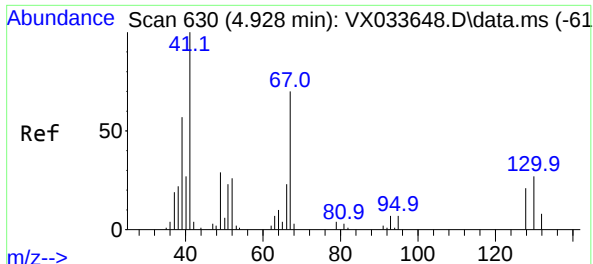
Tgt Ion:117 Resp: 49781  
Ion Ratio Lower Upper  
117 100  
119 93.2 74.8 112.2  
121 27.9 23.8 35.8



#34  
Benzene  
Concen: 20.762 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

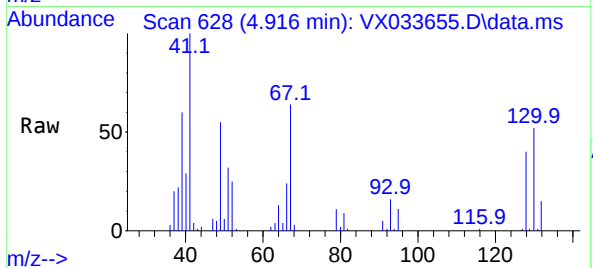
Tgt Ion: 78 Resp: 125699  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.5 29.3  
51 17.8 13.0 19.6





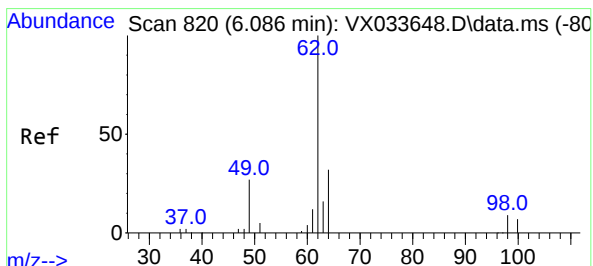
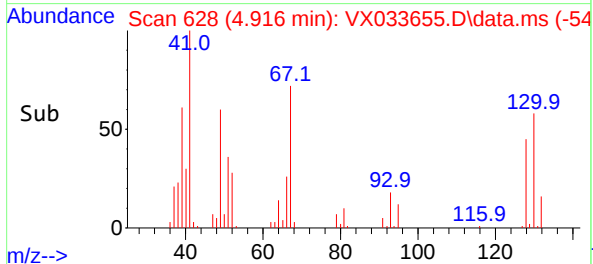
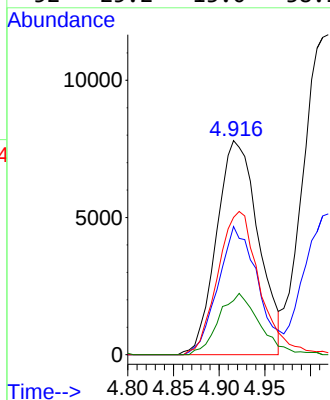
#35  
Methacrylonitrile  
Concen: 20.021 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 41 Resp: 24828

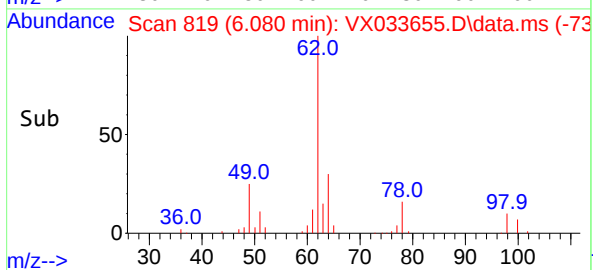
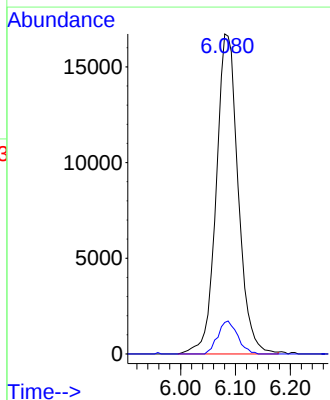
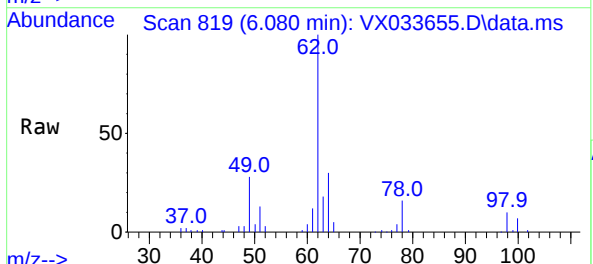
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.9  | 28.6  | 85.9  |
| 67  | 64.1  | 34.8  | 104.3 |
| 52  | 25.2  | 13.0  | 38.9  |

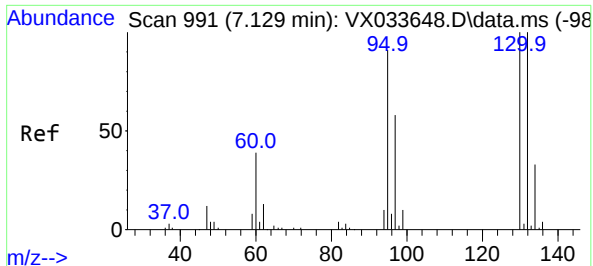


#36  
1,2-Dichloroethane  
Concen: 21.150 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 62 Resp: 46549

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.2   | 7.4   | 11.0  |

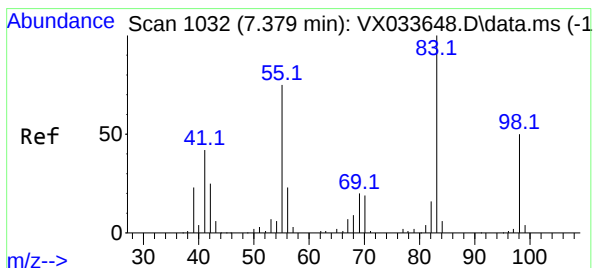
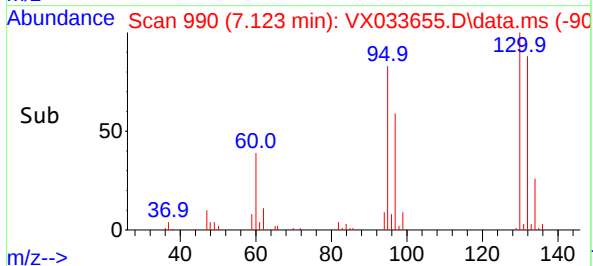
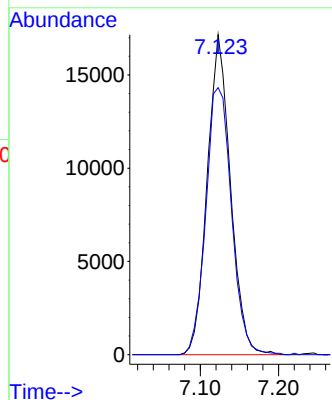
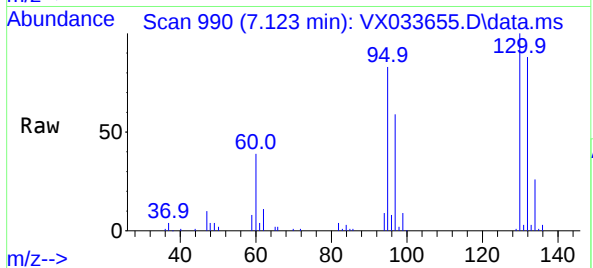




#37  
Trichloroethene  
Concen: 20.234 ug/l  
RT: 7.123 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

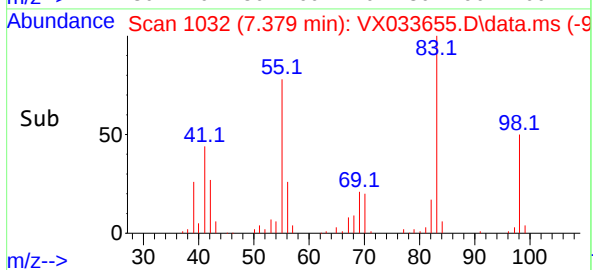
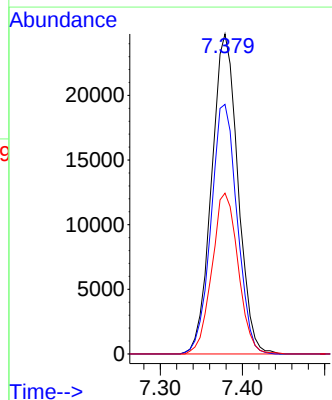
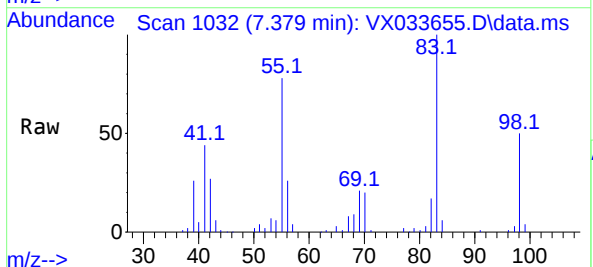
Instrument :  
MSVOA\_X  
ClientSampleId :

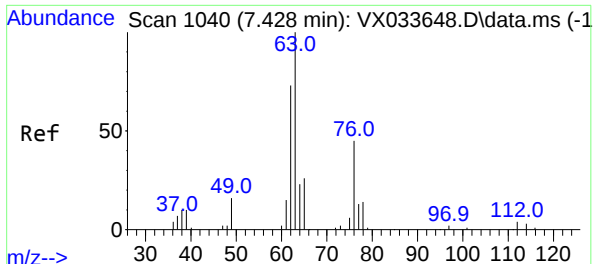
Tgt Ion:130 Resp: 35329  
Ion Ratio Lower Upper  
130 100  
95 83.5 73.1 109.7



#38  
Methylcyclohexane  
Concen: 21.180 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 83 Resp: 54886  
Ion Ratio Lower Upper  
83 100  
55 77.4 38.6 115.7  
98 50.1 25.3 75.8

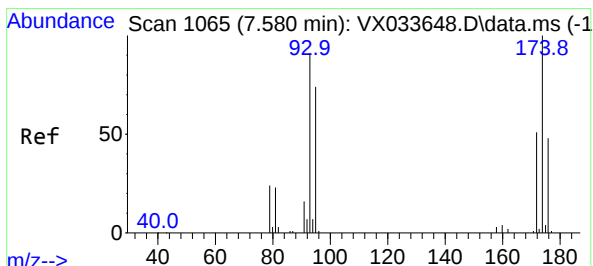
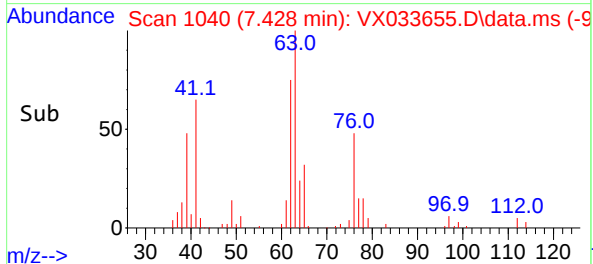
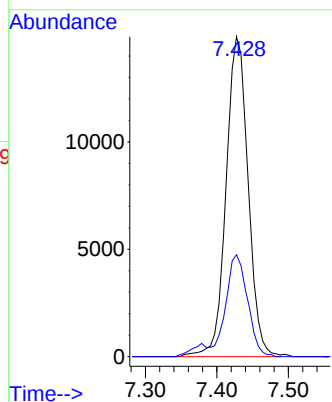
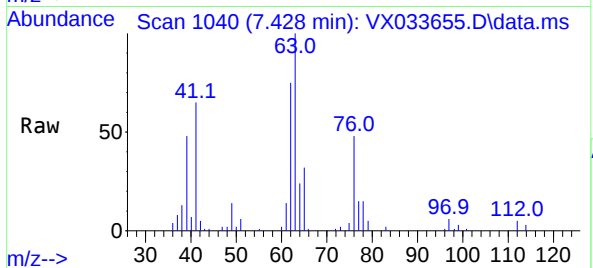




#39  
1,2-Dichloropropane  
Concen: 20.617 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

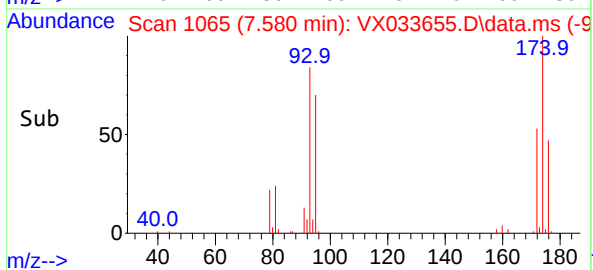
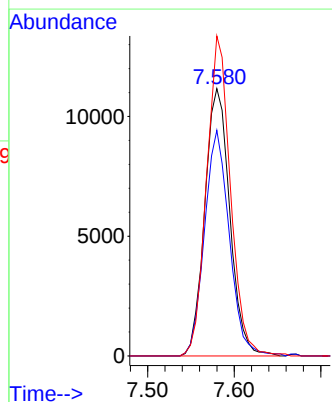
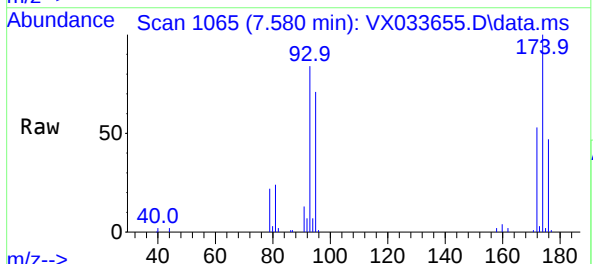
Instrument :  
MSVOA\_X  
ClientSampleId :

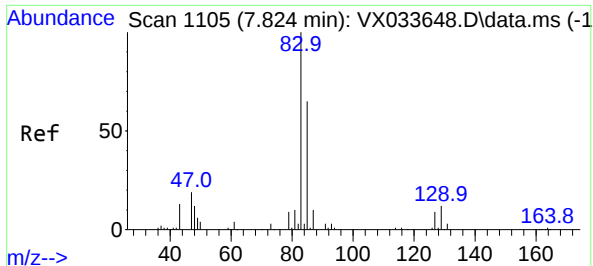
Tgt Ion: 63 Resp: 31900  
Ion Ratio Lower Upper  
63 100  
65 31.8 23.2 34.8



#40  
Dibromomethane  
Concen: 20.640 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

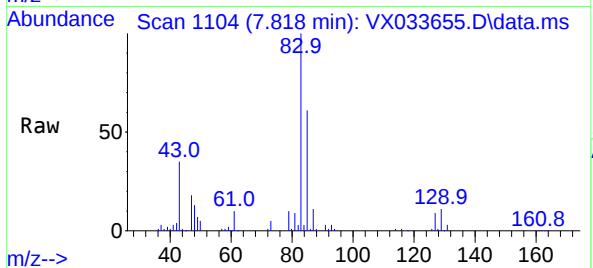
Tgt Ion: 93 Resp: 22444  
Ion Ratio Lower Upper  
93 100  
95 83.6 0.0 166.4  
174 114.1 0.0 233.8



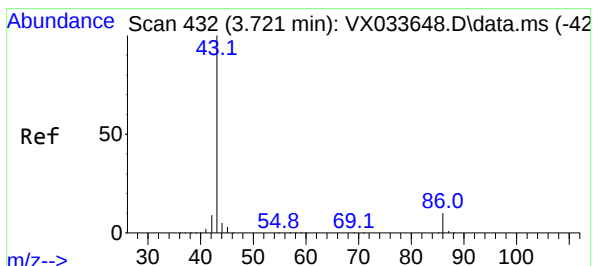
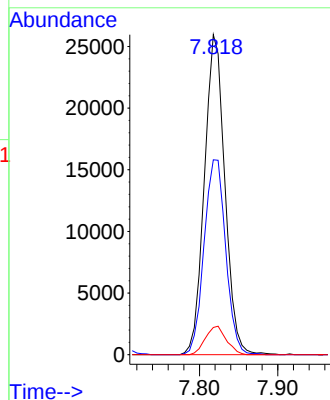
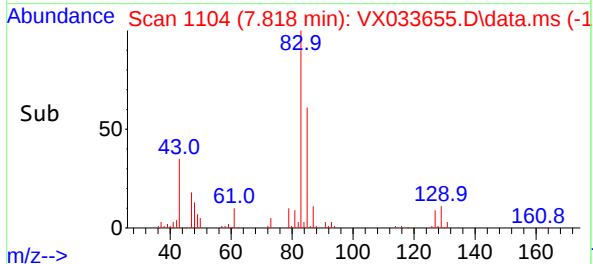


#41  
Bromodichloromethane  
Concen: 22.353 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

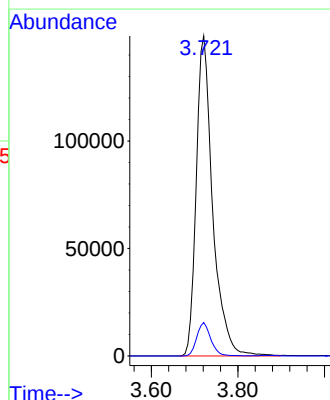
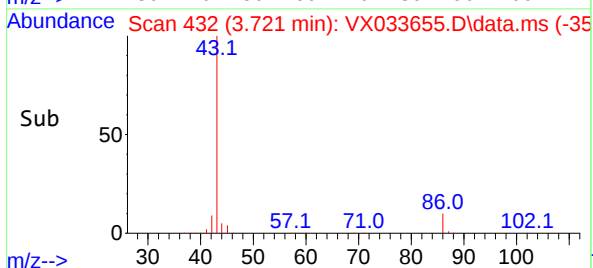
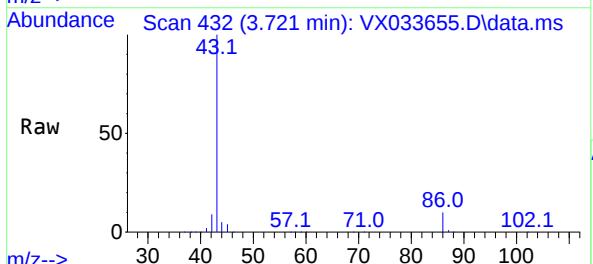


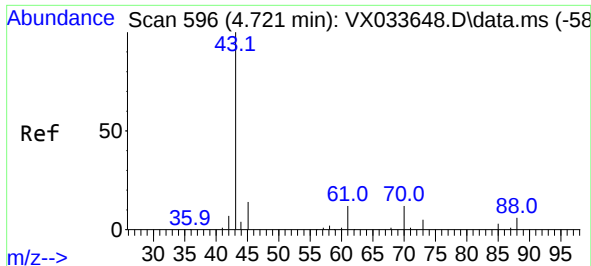
Tgt Ion: 83 Resp: 47145  
Ion Ratio Lower Upper  
83 100  
85 60.9 52.0 78.0  
127 8.5 7.4 11.0



#42  
Vinyl Acetate  
Concen: 100.721 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

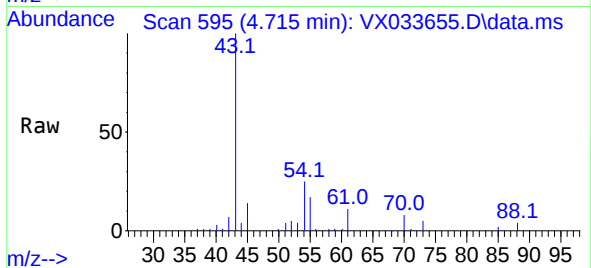
Tgt Ion: 43 Resp: 391728  
Ion Ratio Lower Upper  
43 100  
86 8.9 7.2 10.8



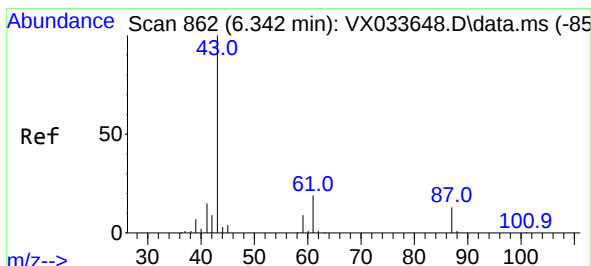
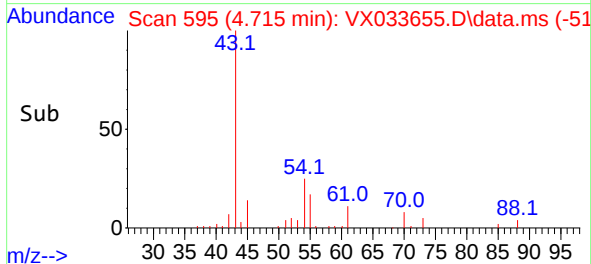
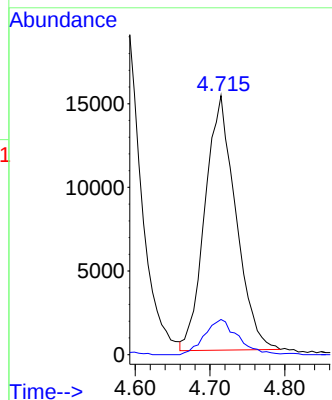


#43  
Ethyl Acetate  
Concen: 19.597 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

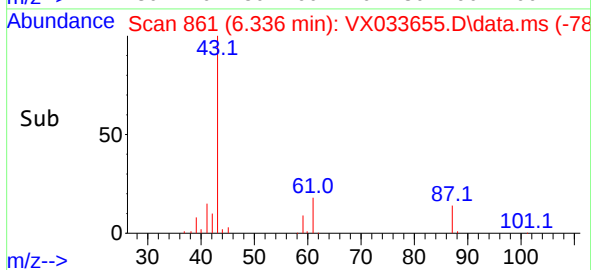
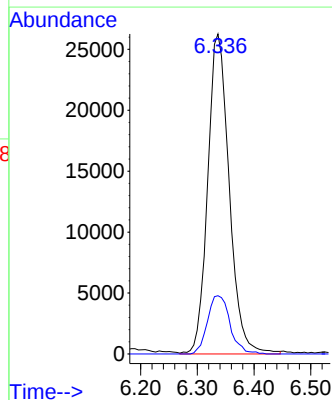
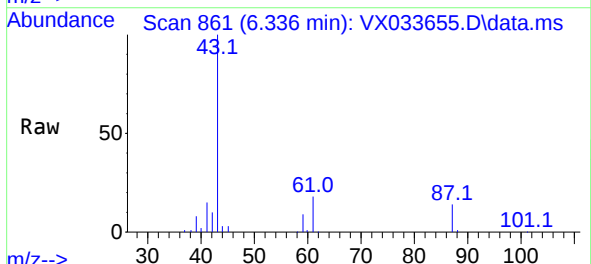


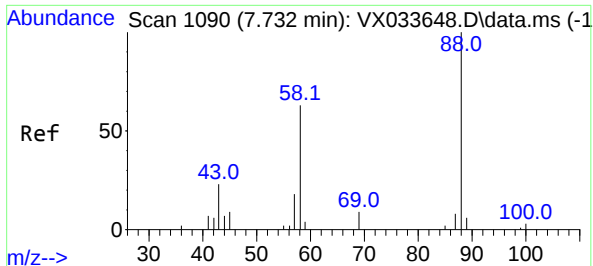
Tgt Ion: 43 Resp: 43702  
Ion Ratio Lower Upper  
43 100  
45 14.6 11.2 16.8



#44  
Isopropyl Acetate  
Concen: 19.800 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 43 Resp: 69274  
Ion Ratio Lower Upper  
43 100  
61 19.1 15.4 23.2

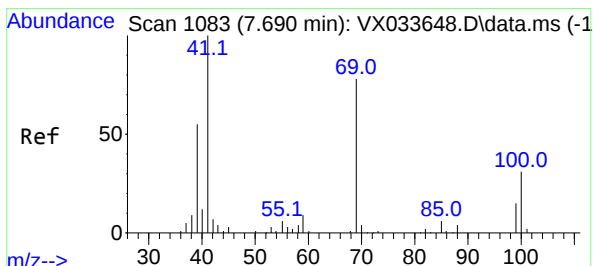
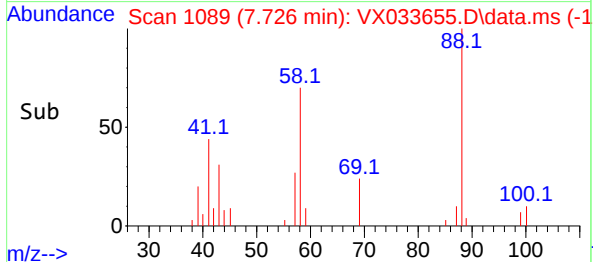
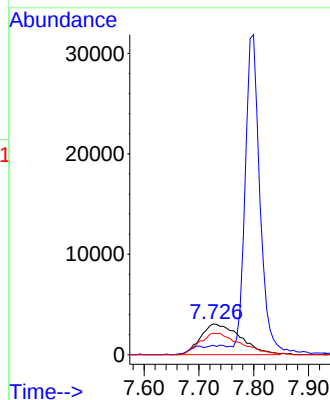
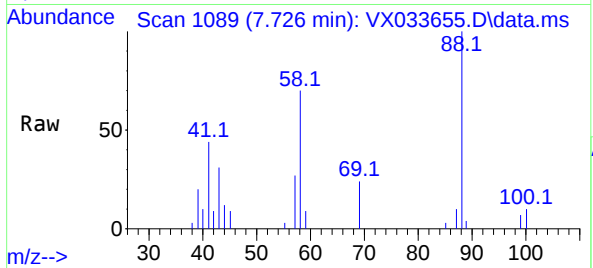




#45  
1,4-Dioxane  
Concen: 406.320 ug/l  
RT: 7.726 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

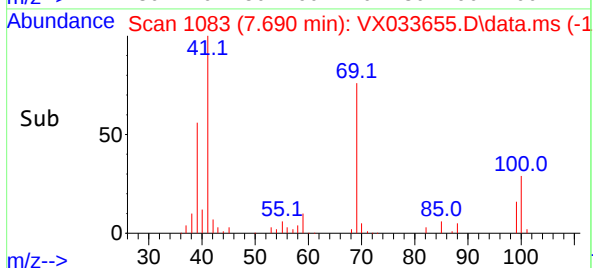
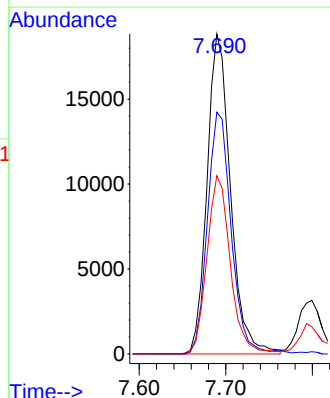
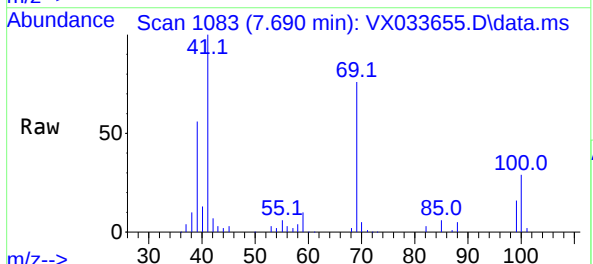
Instrument :  
MSVOA\_X  
ClientSampleId :

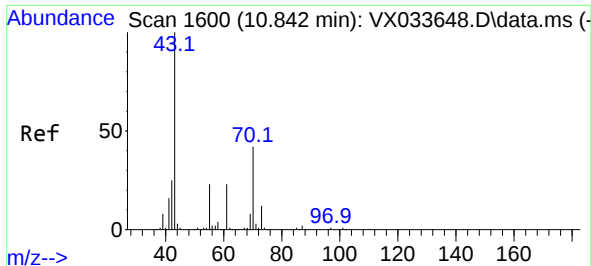
Tgt Ion: 88 Resp: 15509  
Ion Ratio Lower Upper  
88 100  
43 2.0 1.2 1.8#  
58 71.2 8.5 12.7#



#46  
Methyl methacrylate  
Concen: 20.002 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 41 Resp: 35432  
Ion Ratio Lower Upper  
41 100  
69 75.5 39.1 117.3  
39 55.7 27.7 83.0

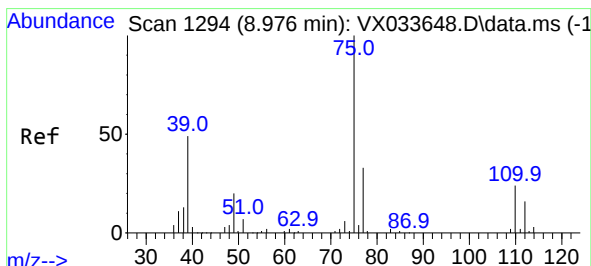
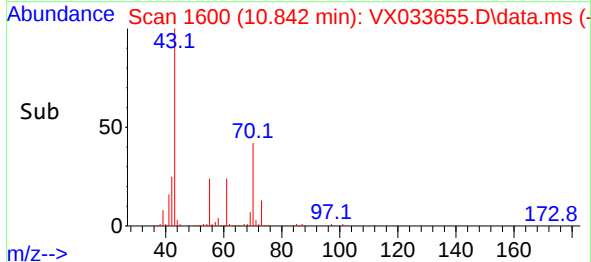
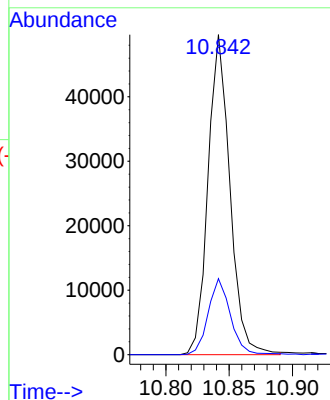
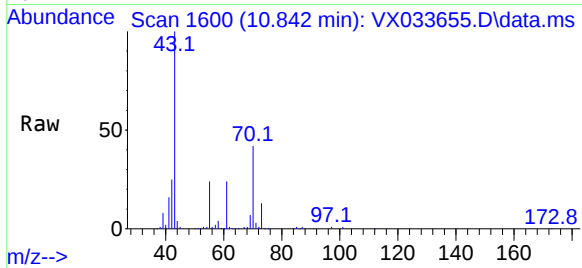




#47  
n-amy1 Acetate  
Concen: 20.055 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

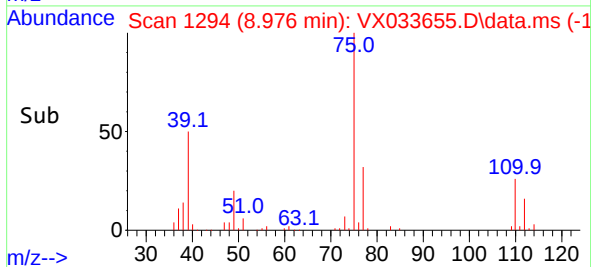
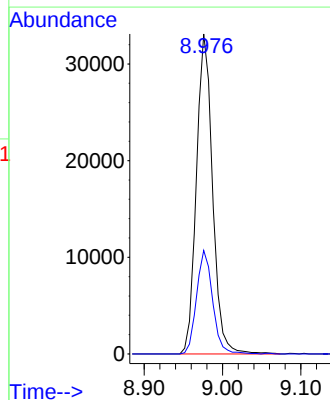
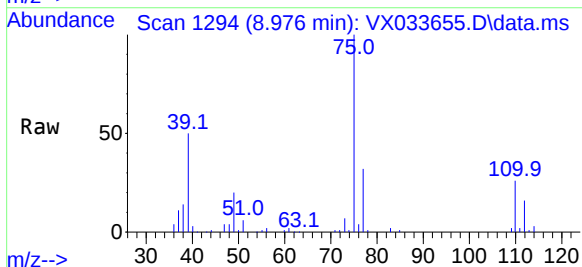
Instrument :  
MSVOA\_X  
ClientSampleId :

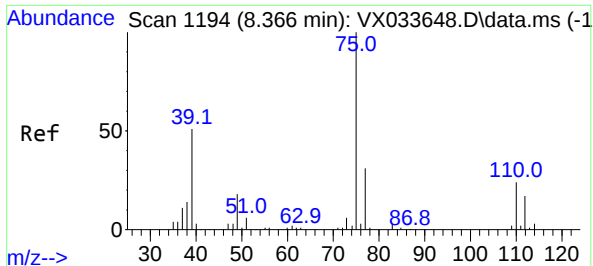
Tgt Ion: 43 Resp: 59738  
Ion Ratio Lower Upper  
43 100  
55 24.2 19.3 28.9



#48  
t-1,3-Dichloropropene  
Concen: 22.090 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

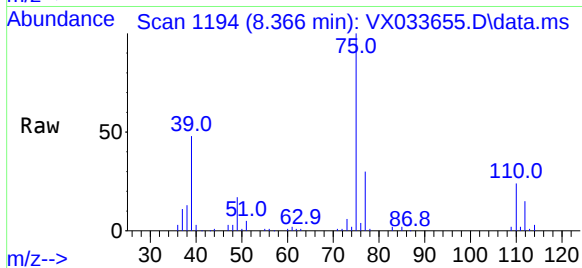
Tgt Ion: 75 Resp: 47606  
Ion Ratio Lower Upper  
75 100  
77 32.4 26.5 39.7





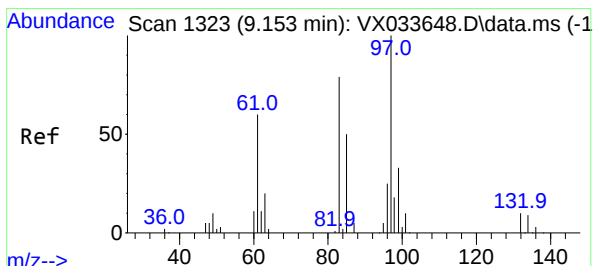
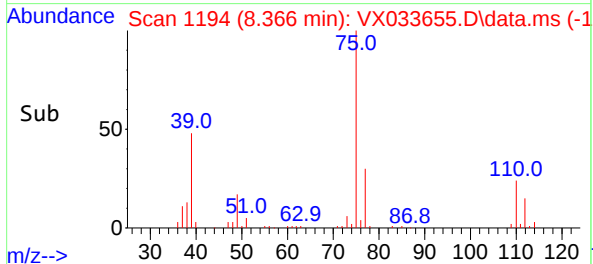
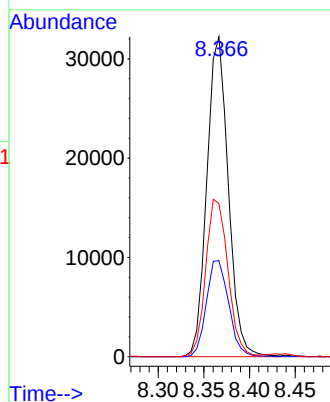
#49  
 cis-1,3-Dichloropropene  
 Concen: 21.946 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX033655.D  
 Acq: 09 Jan 2023 10:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 75 Resp: 52529

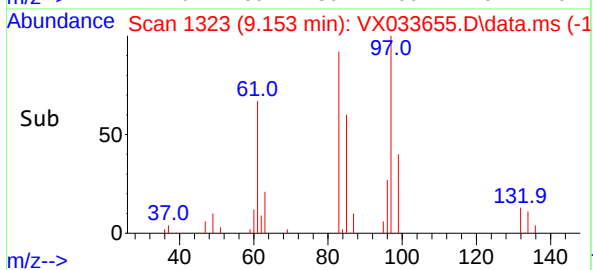
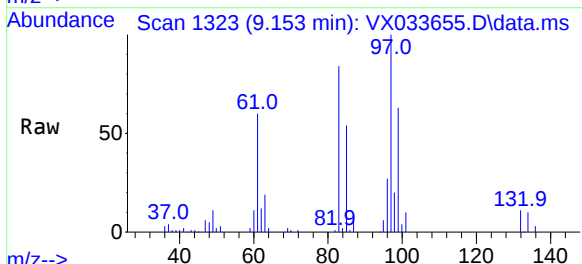
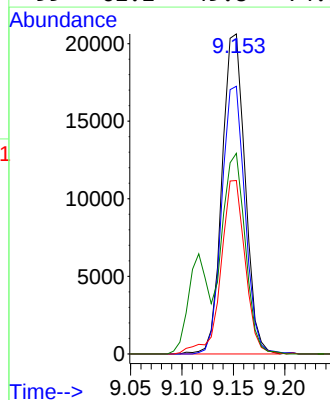
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 30.0  | 24.7  | 37.1  |
| 39  | 47.9  | 40.7  | 61.1  |

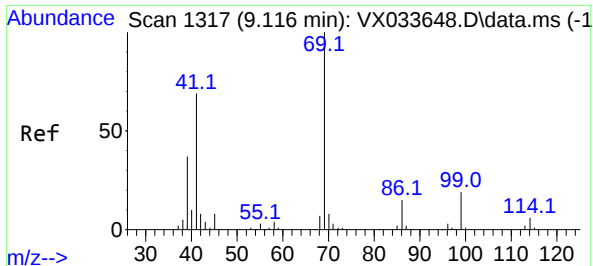


#50  
 1,1,2-Trichloroethane  
 Concen: 20.342 ug/l  
 RT: 9.153 min Scan# 1323  
 Delta R.T. -0.000 min  
 Lab File: VX033655.D  
 Acq: 09 Jan 2023 10:35

Tgt Ion: 97 Resp: 32109

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.6  | 63.0  | 94.4  |
| 85  | 53.9  | 42.8  | 64.2  |
| 99  | 62.2  | 49.8  | 74.8  |

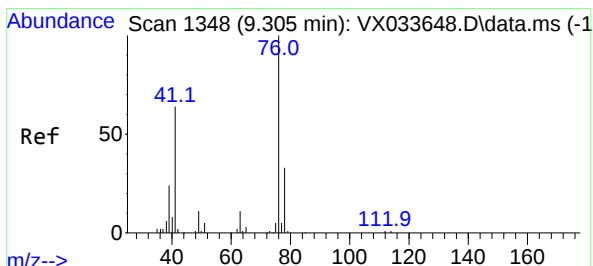
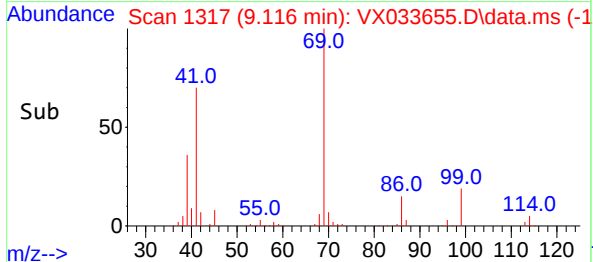
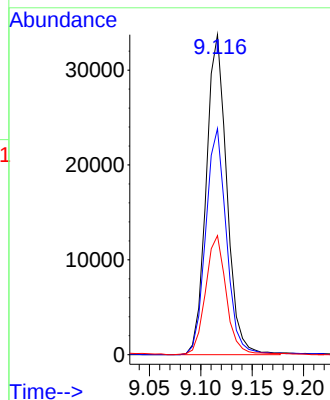
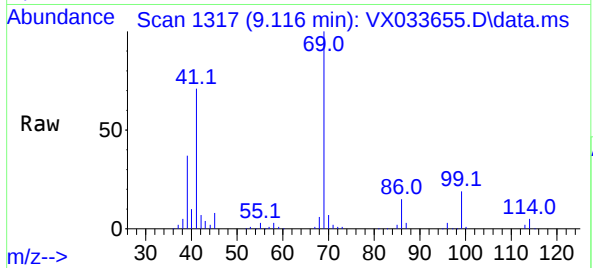




#51  
Ethyl methacrylate  
Concen: 19.959 ug/l  
RT: 9.116 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

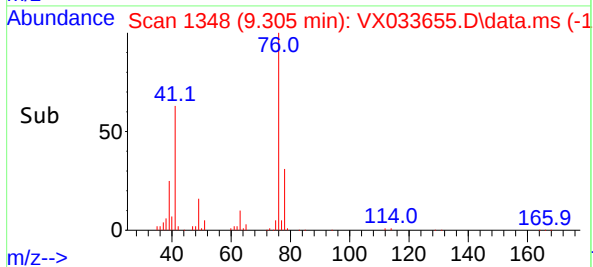
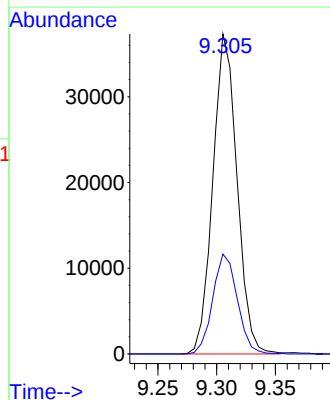
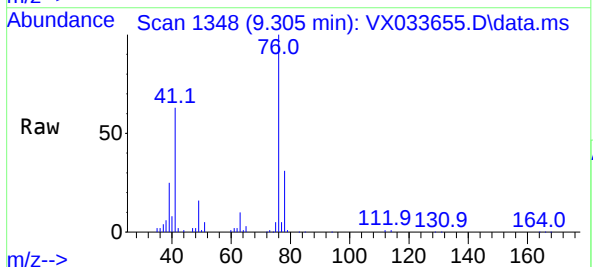
Instrument :  
MSVOA\_X  
ClientSampleId :

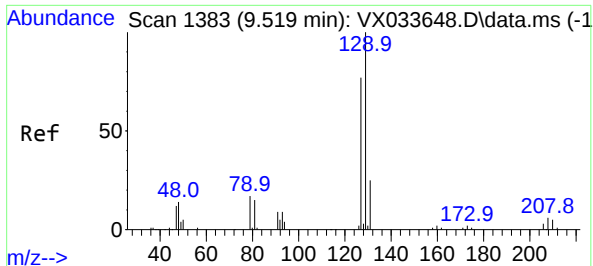
Tgt Ion: 69 Resp: 46979  
Ion Ratio Lower Upper  
69 100  
41 70.7 34.3 102.9  
39 37.0 18.3 54.9



#52  
1,3-Dichloropropane  
Concen: 20.208 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 76 Resp: 53425  
Ion Ratio Lower Upper  
76 100  
78 31.7 0.0 64.6

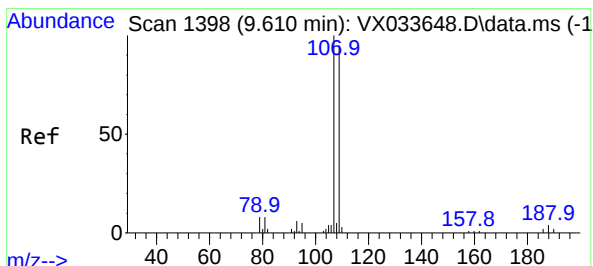
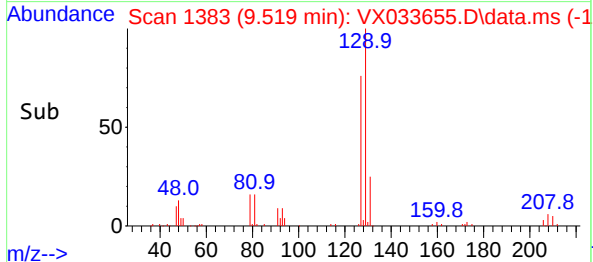
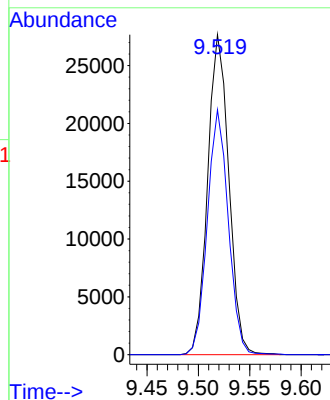
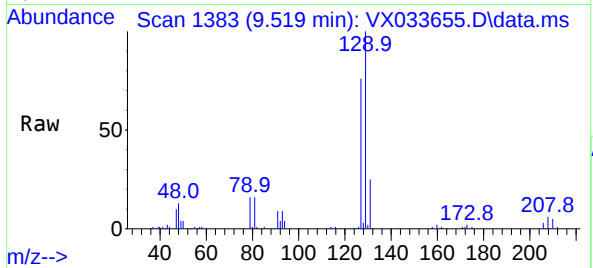




#53  
Dibromochloromethane  
Concen: 23.009 ug/l  
RT: 9.519 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

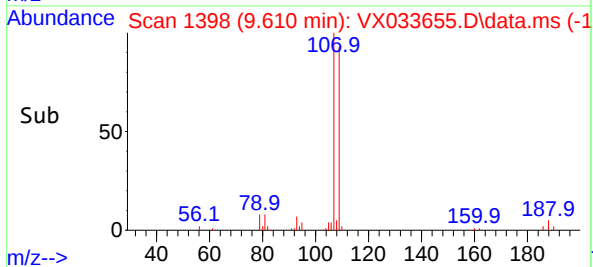
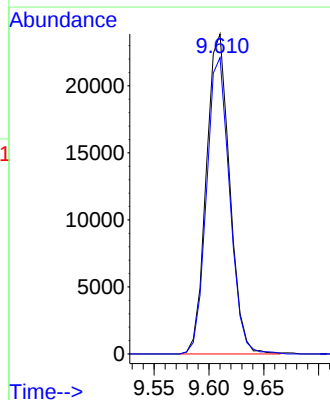
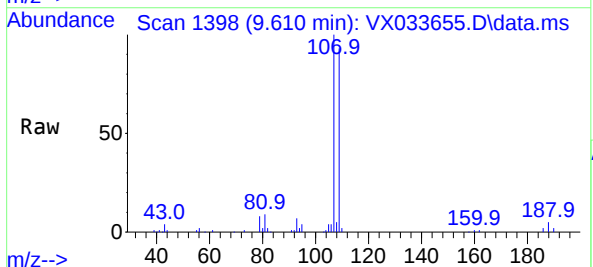
Instrument :  
MSVOA\_X  
ClientSampleId :

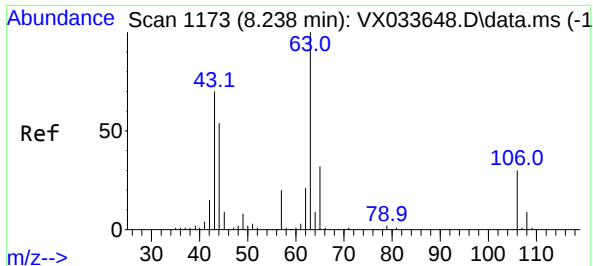
Tgt Ion:129 Resp: 39585  
Ion Ratio Lower Upper  
129 100  
127 75.9 39.8 119.4



#54  
1,2-Dibromoethane  
Concen: 20.893 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion:107 Resp: 35244  
Ion Ratio Lower Upper  
107 100  
109 91.6 76.4 114.6



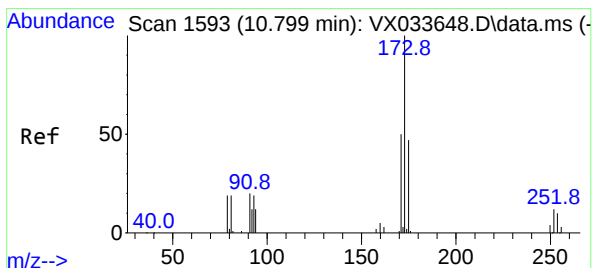
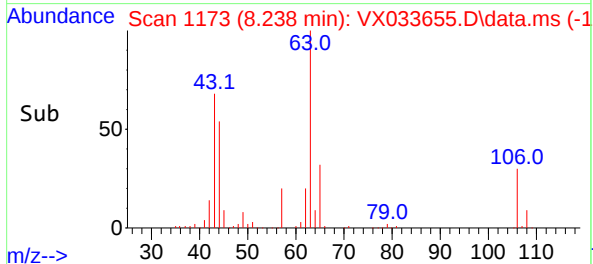
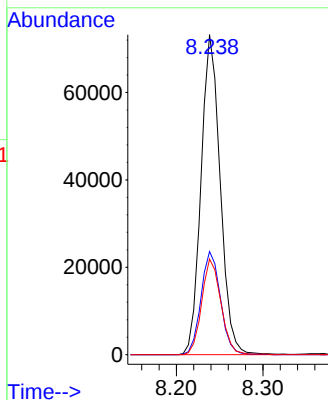
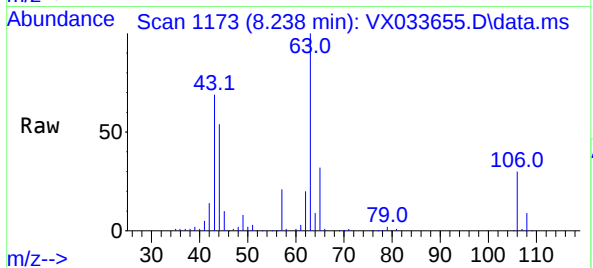


#55  
2-Chloroethyl vinyl ether  
Concen: 99.165 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 63 Resp: 112837

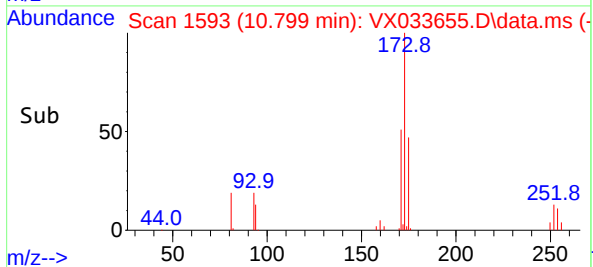
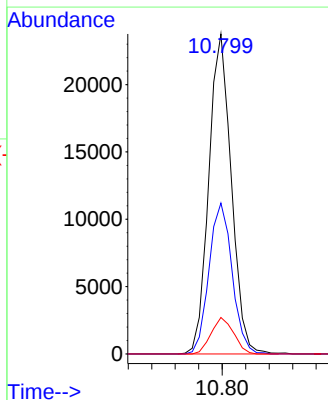
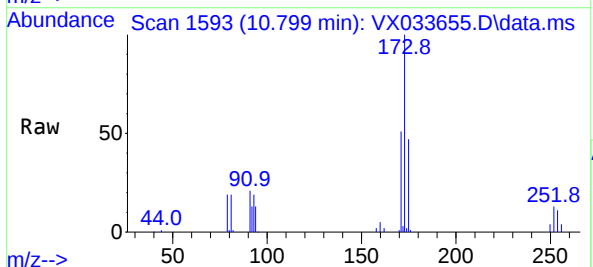
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.6  | 26.2  | 39.4  |
| 106 | 29.8  | 24.0  | 36.0  |

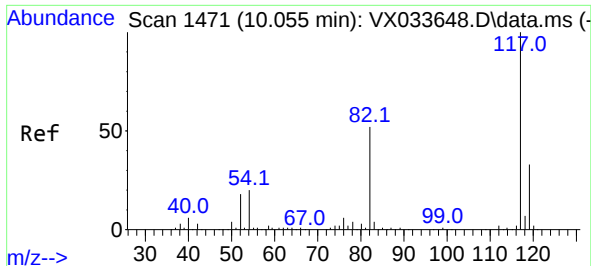


#56  
Bromoform  
Concen: 23.938 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 173 Resp: 31620

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 48.5  | 38.2  | 57.4  |
| 254 | 11.4  | 8.6   | 13.0  |

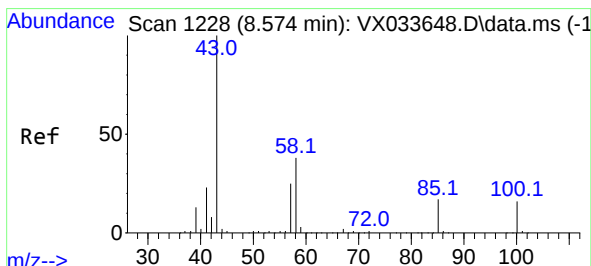
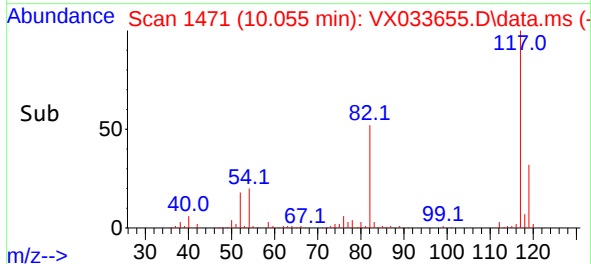
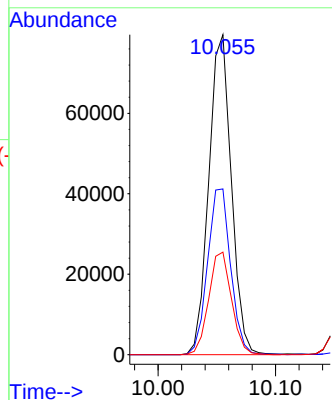
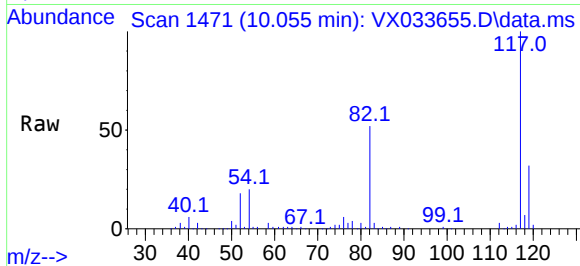




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

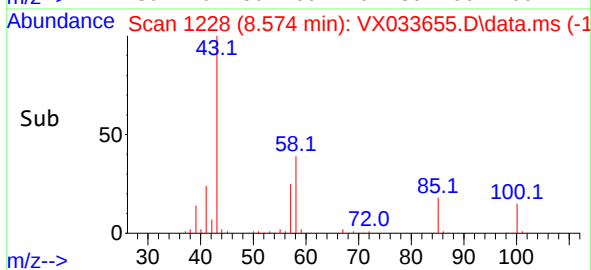
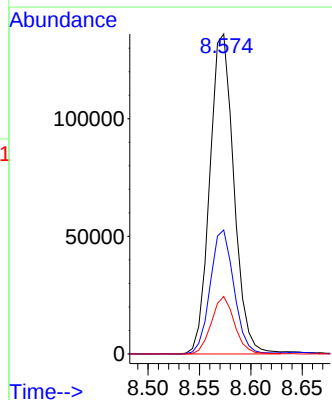
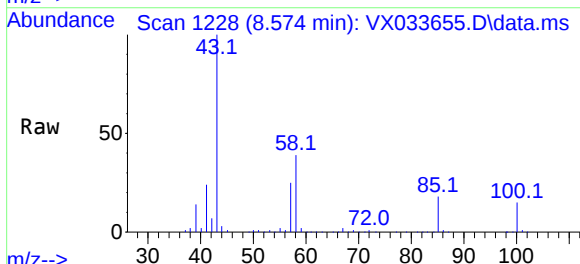
Instrument :  
MSVOA\_X  
ClientSampleId :

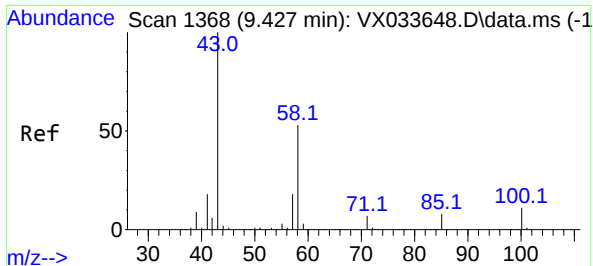
Tgt Ion:117 Resp: 106156  
Ion Ratio Lower Upper  
117 100  
82 53.1 41.9 62.9  
119 32.4 25.6 38.4



#58  
4-Methyl-2-Pentanone  
Concen: 105.321 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 43 Resp: 222094  
Ion Ratio Lower Upper  
43 100  
58 38.2 30.2 45.4  
85 17.2 13.8 20.8

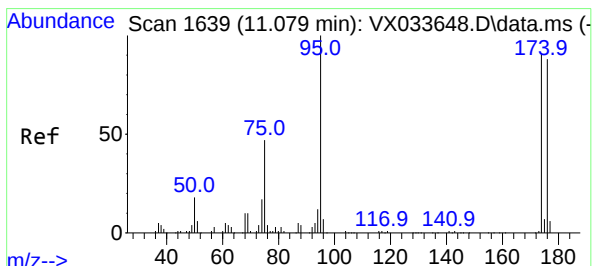
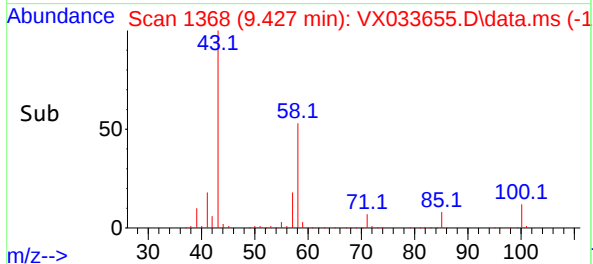
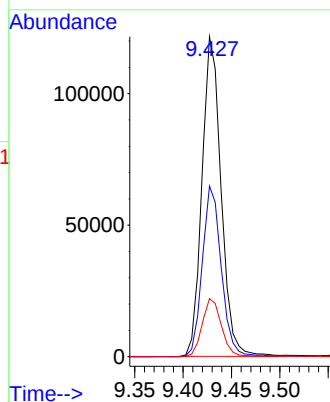
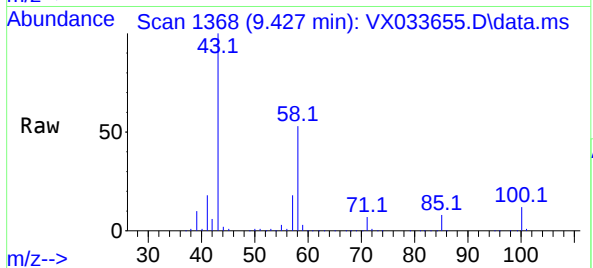




#59  
2-Hexanone  
Concen: 108.100 ug/l  
RT: 9.427 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

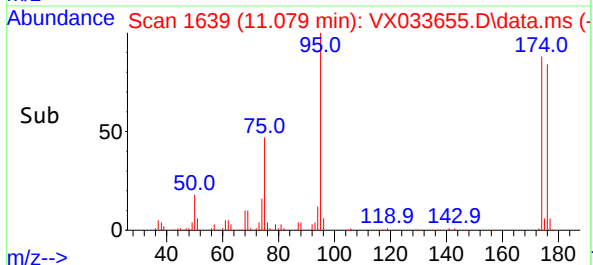
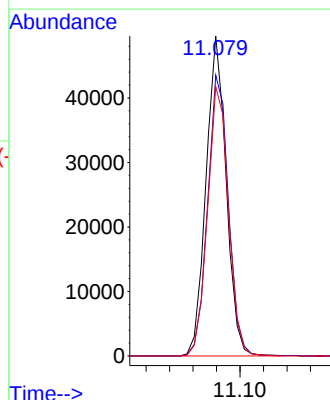
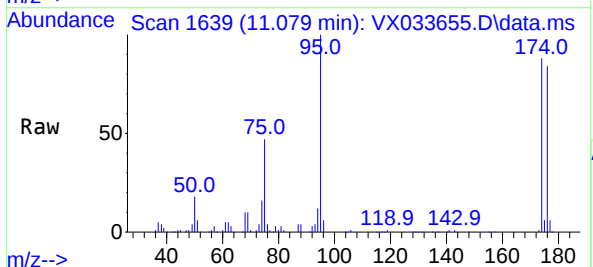
Instrument :  
MSVOA\_X  
ClientSampleId :

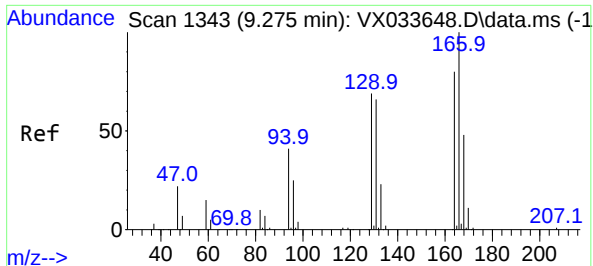
Tgt Ion: 43 Resp: 167764  
Ion Ratio Lower Upper  
43 100  
58 53.1 42.9 64.3  
57 18.3 15.0 22.6



#60  
4-Bromofluorobenzene  
Concen: 30.894 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

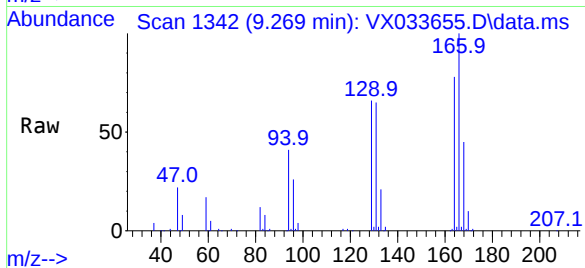
Tgt Ion: 95 Resp: 59108  
Ion Ratio Lower Upper  
95 100  
174 90.7 73.7 110.5  
176 87.3 71.0 106.4



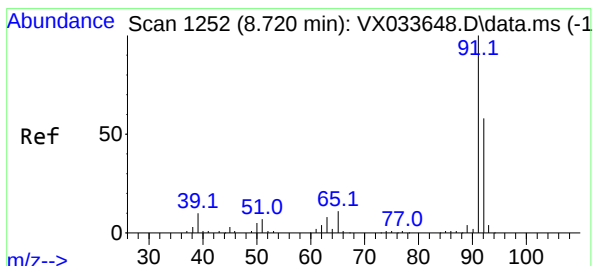
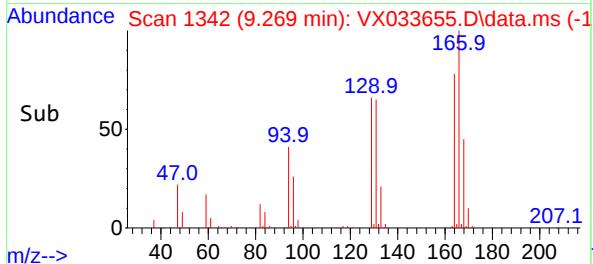
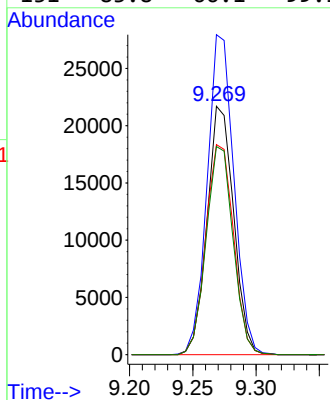


#61  
Tetrachloroethene  
Concen: 20.735 ug/l  
RT: 9.269 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

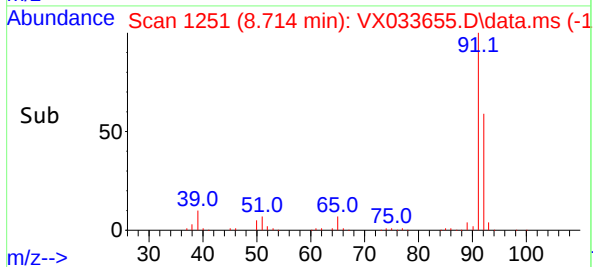
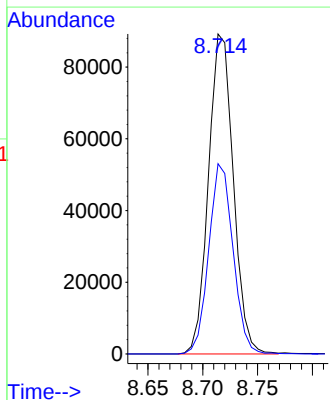
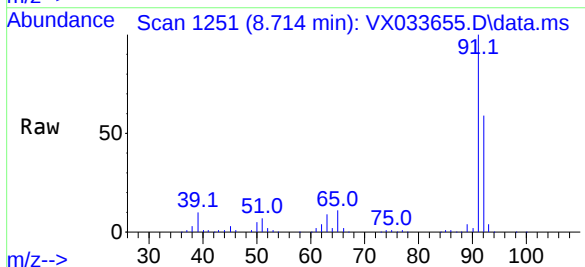


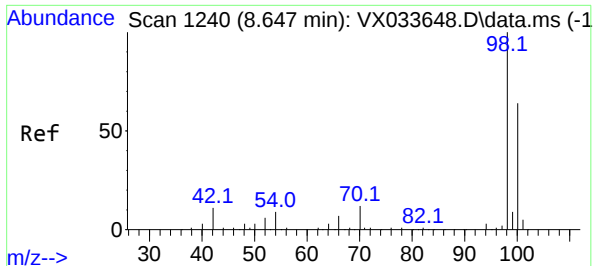
Tgt Ion:164 Resp: 31759  
Ion Ratio Lower Upper  
164 100  
166 128.8 100.2 150.4  
129 84.5 68.8 103.2  
131 83.8 66.1 99.1



#62  
Toluene  
Concen: 21.071 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 91 Resp: 140808  
Ion Ratio Lower Upper  
91 100  
92 58.2 45.8 68.8

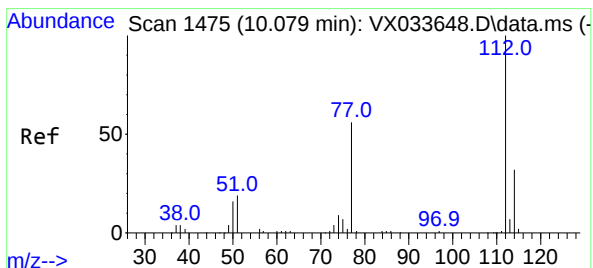
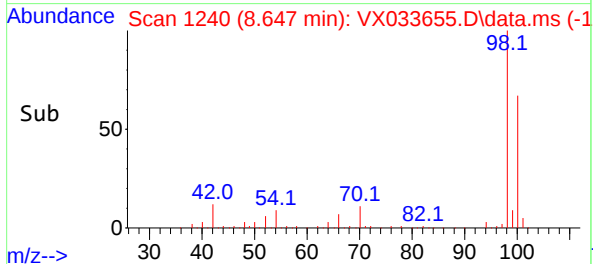
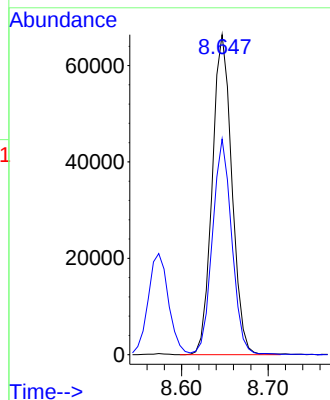
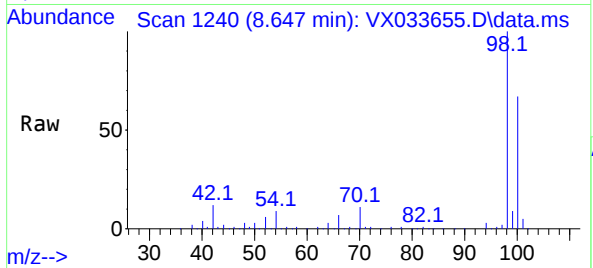




#63  
Toluene-d8  
Concen: 30.797 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

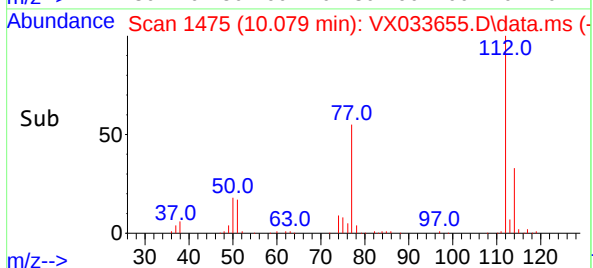
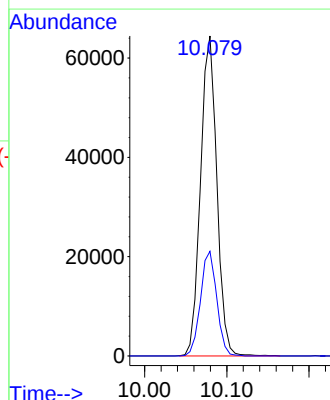
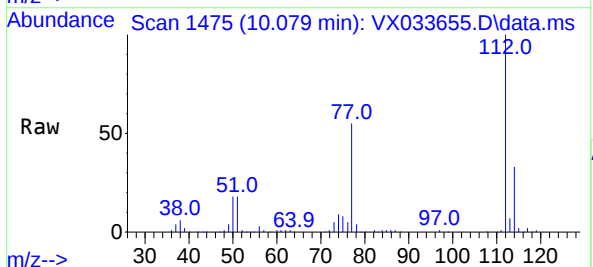
Instrument :  
MSVOA\_X  
ClientSampleId :

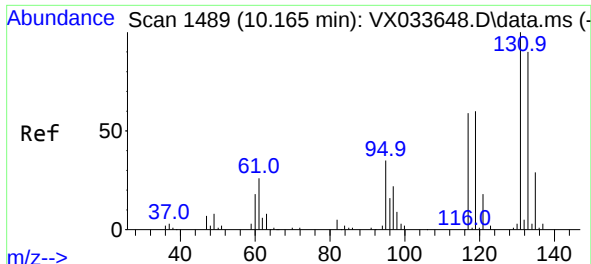
Tgt Ion: 98 Resp: 104629  
Ion Ratio Lower Upper  
98 100  
100 65.4 53.1 79.7



#64  
Chlorobenzene  
Concen: 20.648 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

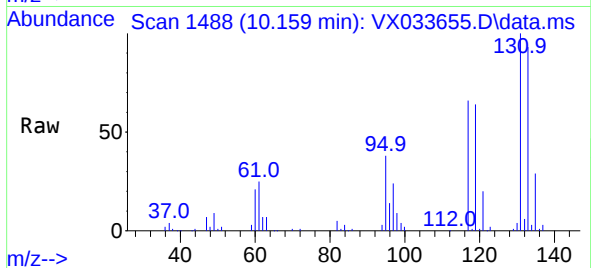
Tgt Ion: 112 Resp: 88870  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.6 38.4



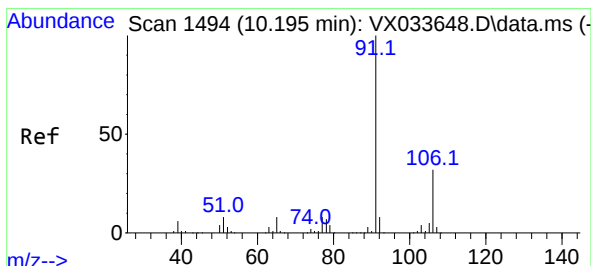
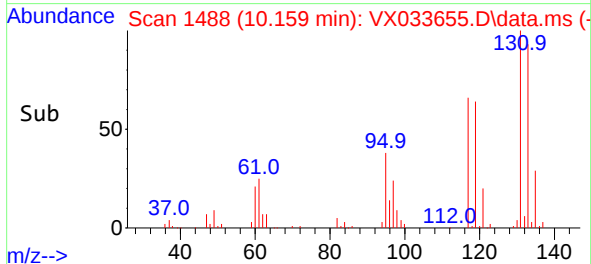
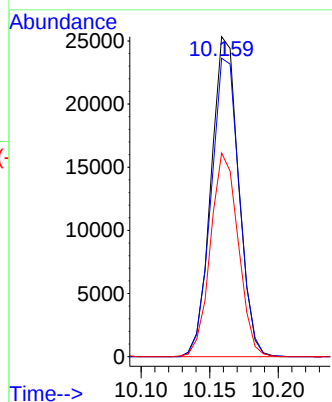


#65  
1,1,1,2-Tetrachloroethane  
Concen: 21.861 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

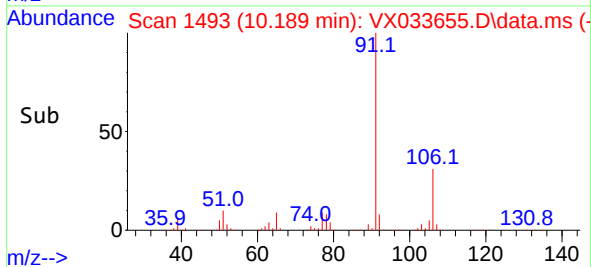
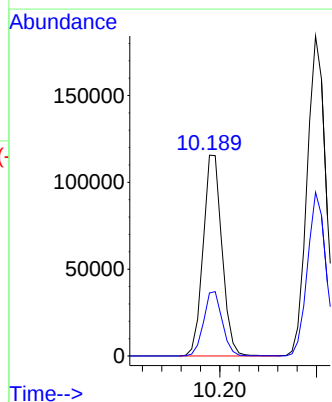
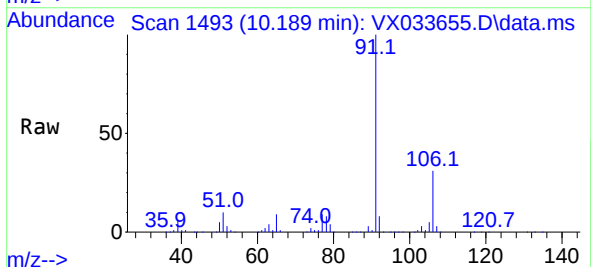


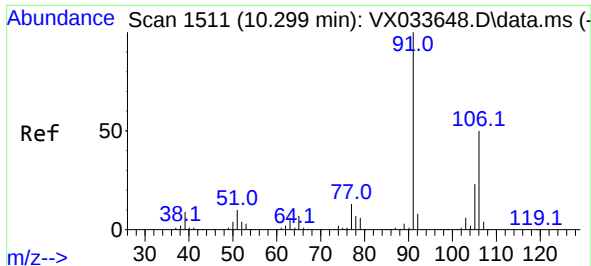
Tgt Ion:131 Resp: 35412  
Ion Ratio Lower Upper  
131 100  
133 95.3 0.0 187.6  
119 64.0 0.0 124.0



#66  
Ethyl Benzene  
Concen: 21.067 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.006 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 91 Resp: 156997  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.2 37.8

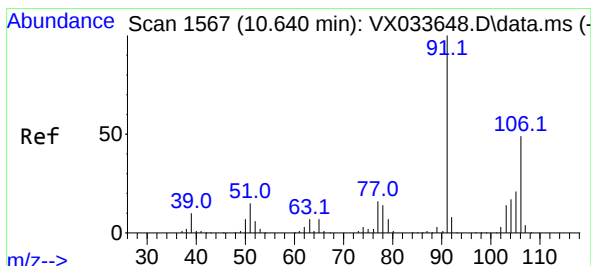
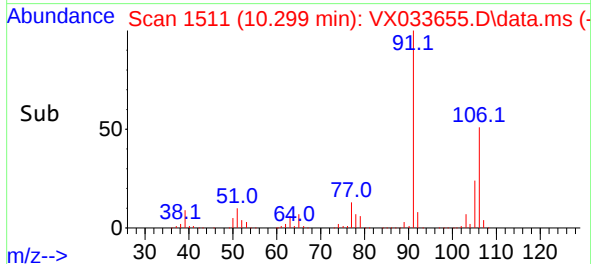
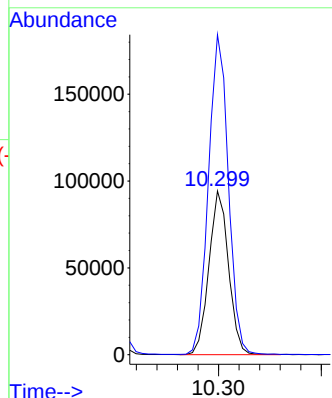
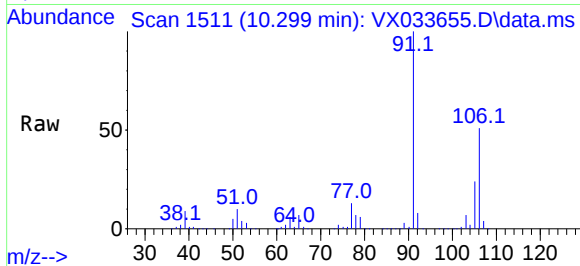




#67  
m/p-Xylenes  
Concen: 42.506 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

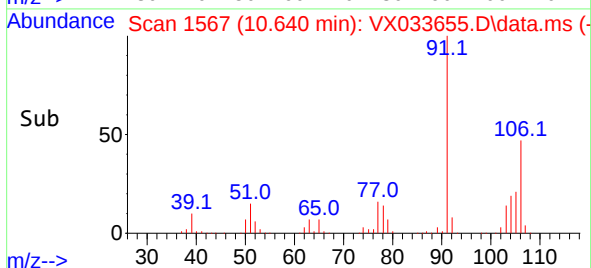
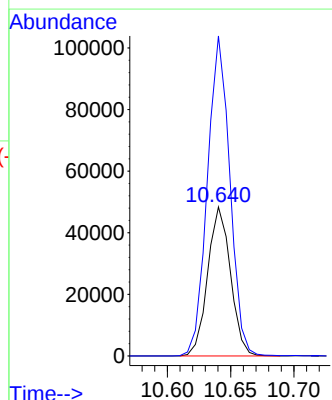
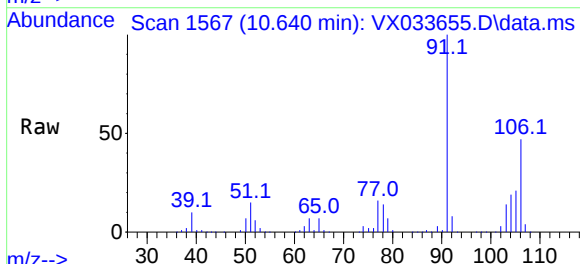
Instrument :  
MSVOA\_X  
ClientSampleId :

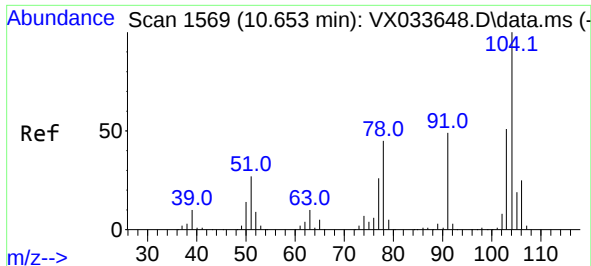
Tgt Ion:106 Resp: 125019  
Ion Ratio Lower Upper  
106 100  
91 197.9 157.3 235.9



#68  
o-Xylene  
Concen: 20.991 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

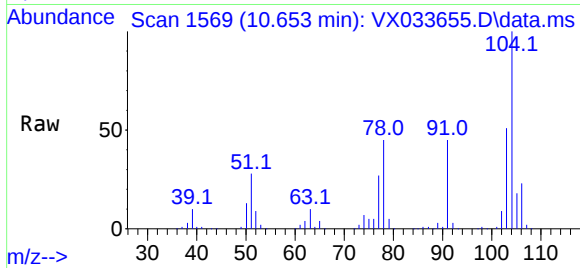
Tgt Ion:106 Resp: 60683  
Ion Ratio Lower Upper  
106 100  
91 211.6 104.6 313.8



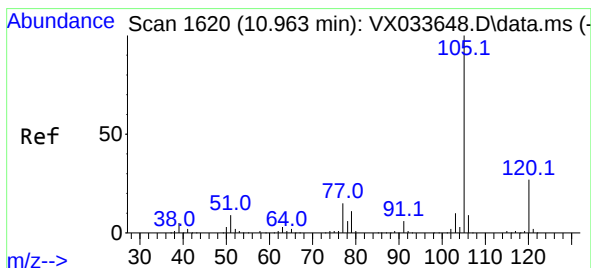
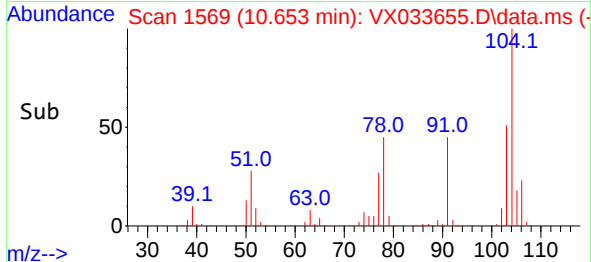
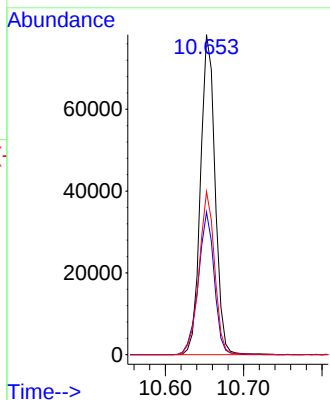


#69  
Styrene  
Concen: 21.195 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

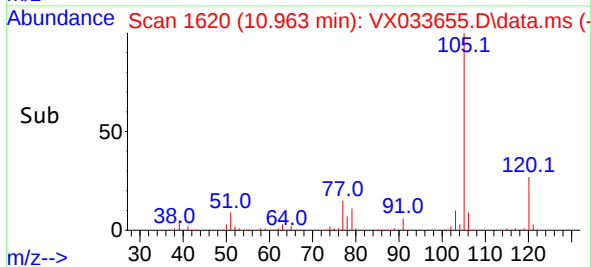
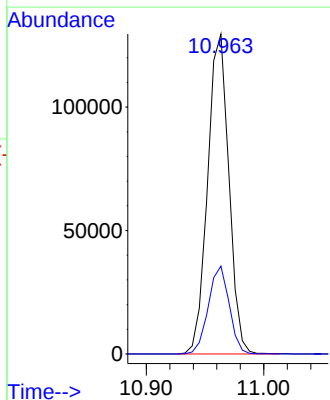
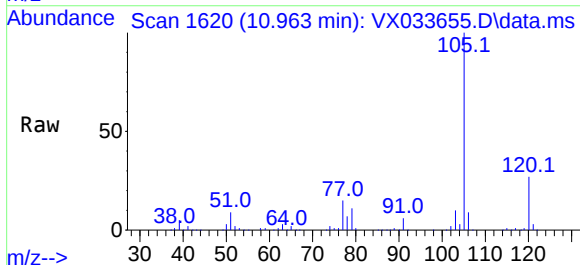


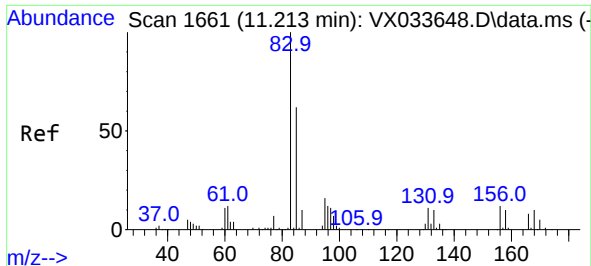
Tgt Ion:104 Resp: 101410  
Ion Ratio Lower Upper  
104 100  
78 48.6 39.3 58.9  
103 54.2 43.2 64.8



#70  
Isopropylbenzene  
Concen: 21.696 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion:105 Resp: 162438  
Ion Ratio Lower Upper  
105 100  
120 27.0 18.7 34.7

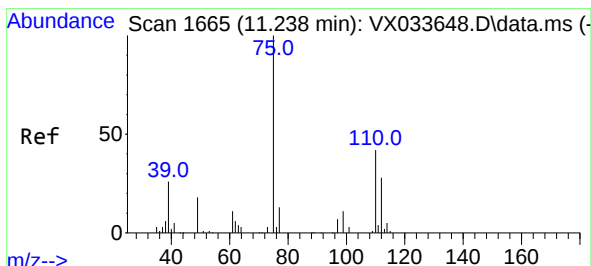
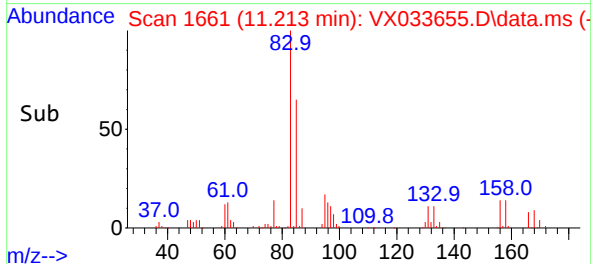
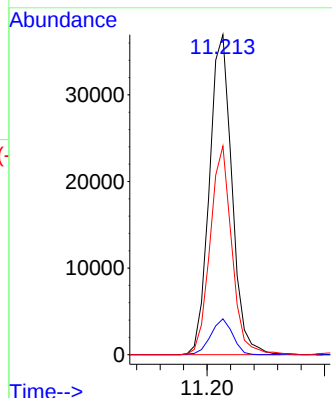
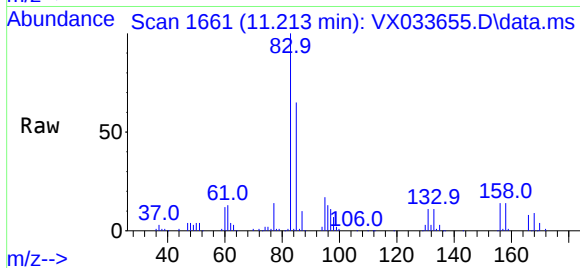




#71  
1,1,2,2-Tetrachloroethane  
Concen: 21.828 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

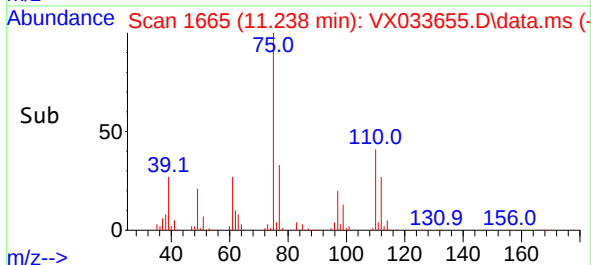
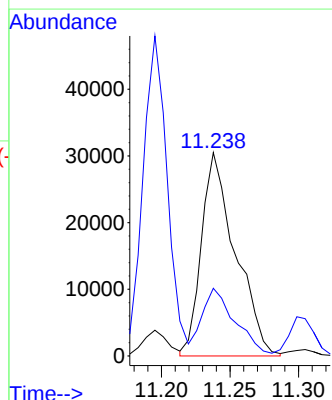
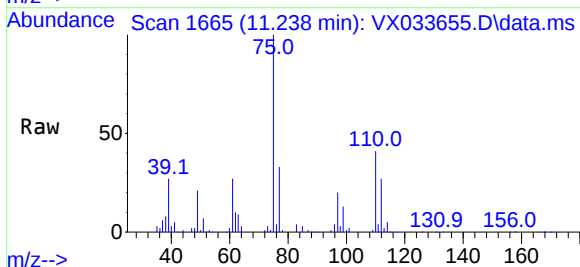
Instrument :  
MSVOA\_X  
ClientSampleId :

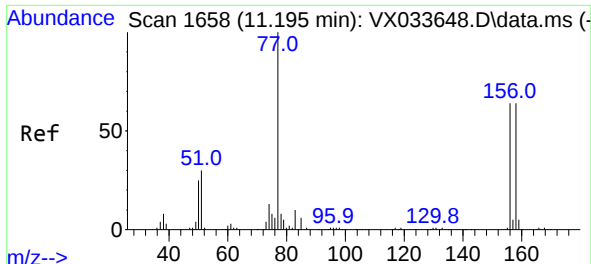
Tgt Ion: 83 Resp: 49206  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.4 16.2  
85 62.8 32.4 97.0



#72  
1,2,3-Trichloropropane  
Concen: 25.792 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

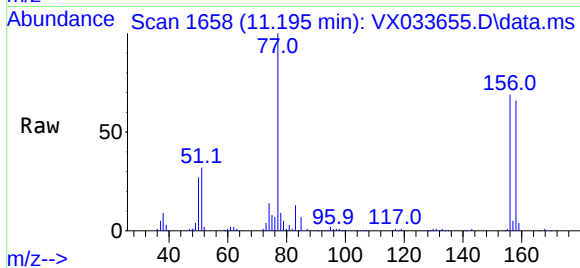
Tgt Ion: 75 Resp: 52673  
Ion Ratio Lower Upper  
75 100  
77 32.8 0.0 74.6



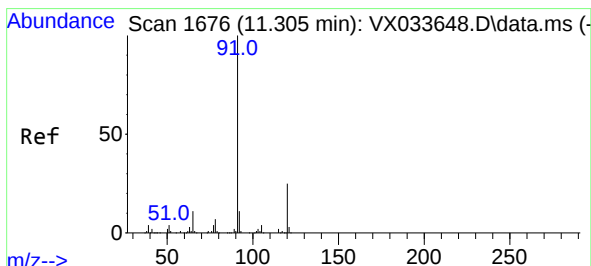
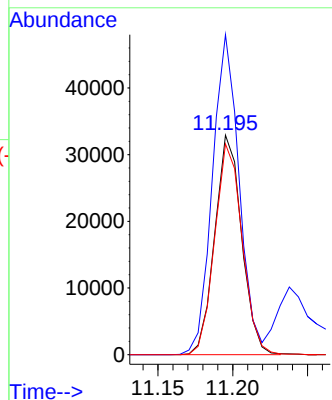
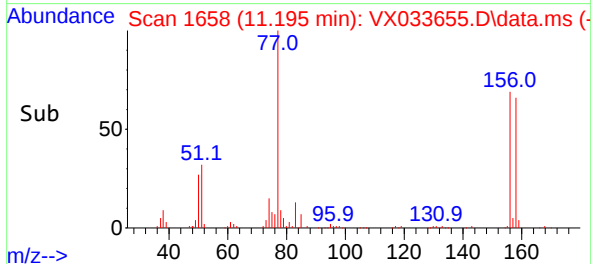


#73  
Bromobenzene  
Concen: 20.756 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

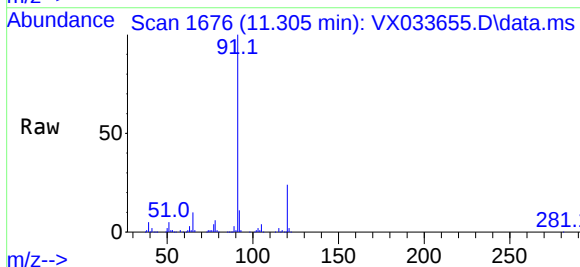
Instrument :  
MSVOA\_X  
ClientSampleId :



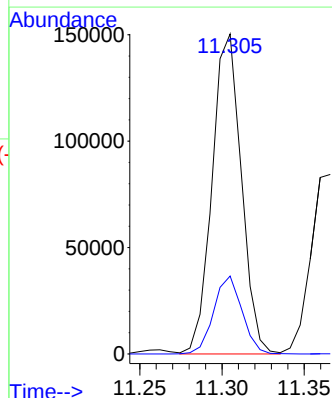
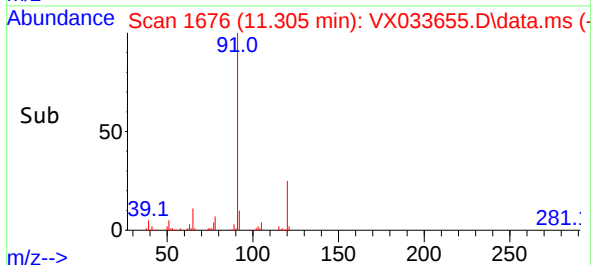
Tgt Ion:156 Resp: 41126  
Ion Ratio Lower Upper  
156 100  
77 144.7 0.0 287.2  
158 98.0 0.0 196.2

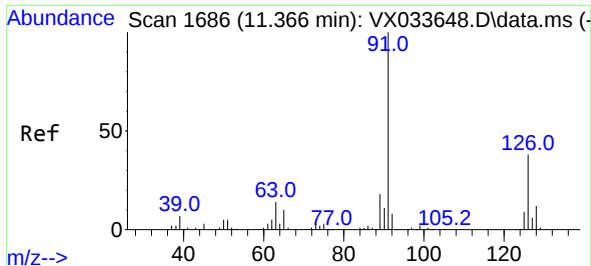


#74  
n-propylbenzene  
Concen: 21.917 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35



Tgt Ion: 91 Resp: 186298  
Ion Ratio Lower Upper  
91 100  
120 23.6 0.0 48.8

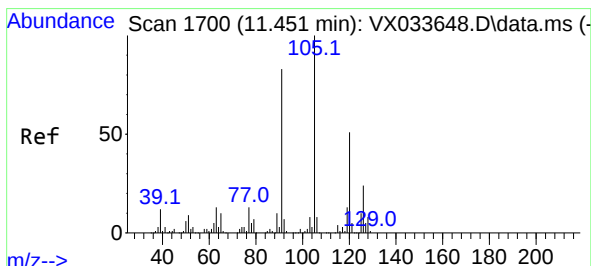
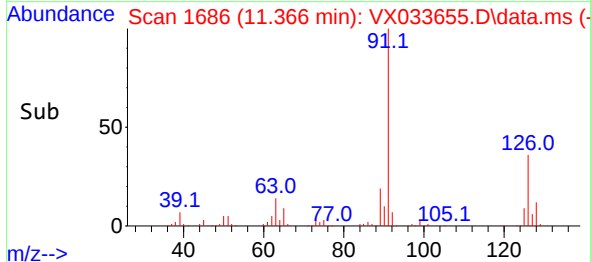
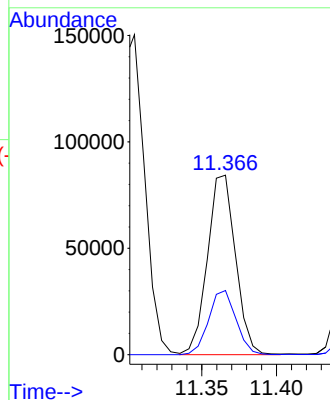
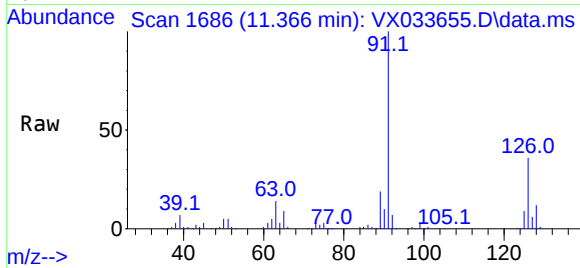




#75  
2-Chlorotoluene  
Concen: 21.687 ug/l  
RT: 11.366 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

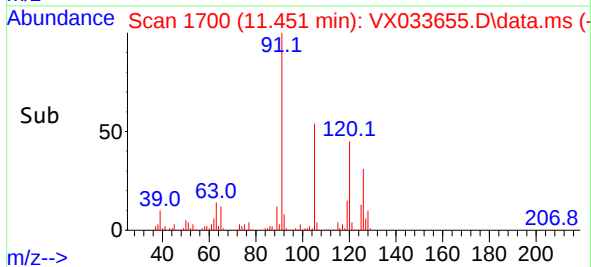
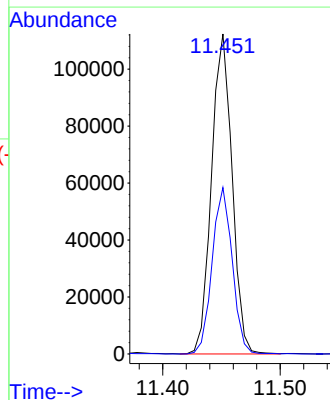
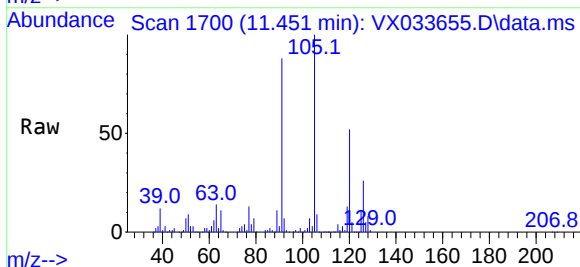
Instrument :  
MSVOA\_X  
ClientSampleId :

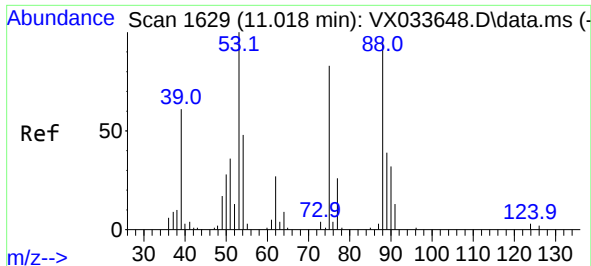
Tgt Ion: 91 Resp: 110260  
Ion Ratio Lower Upper  
91 100  
126 34.8 0.0 72.0



#76  
1,3,5-Trimethylbenzene  
Concen: 21.944 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion:105 Resp: 136403  
Ion Ratio Lower Upper  
105 100  
120 50.7 0.0 100.4

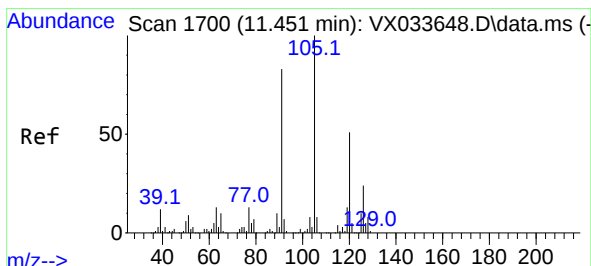
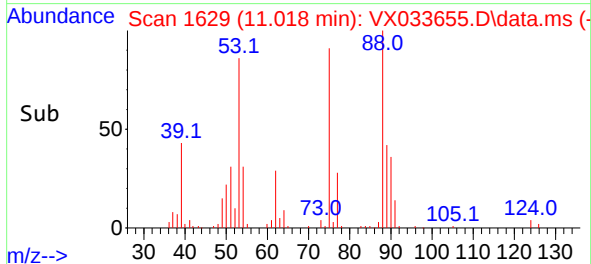
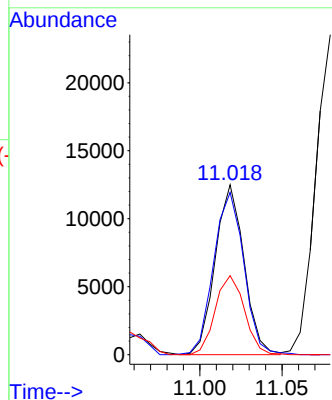
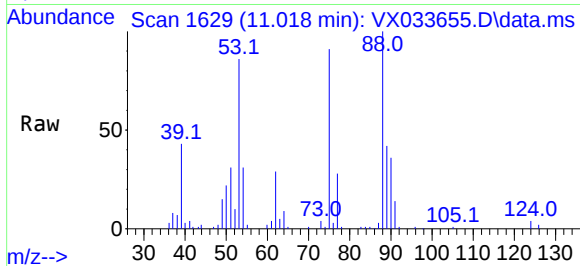




#77  
t-1,4-Dichloro-2-butene  
Concen: 25.003 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

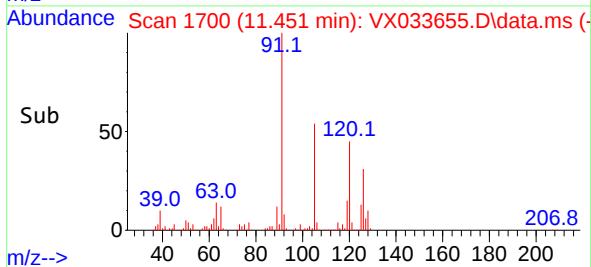
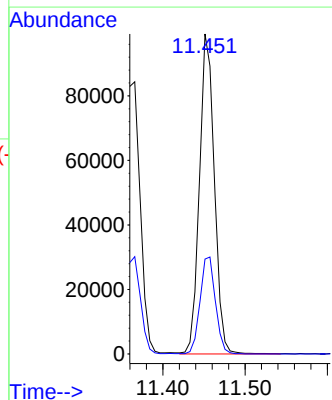
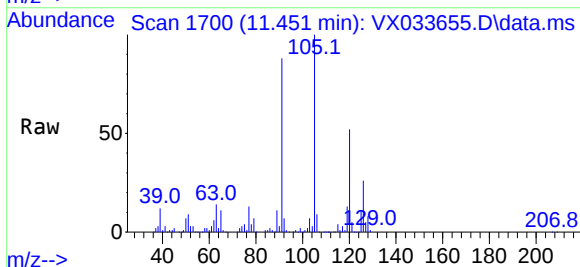
Instrument :  
MSVOA\_X  
ClientSampleId :

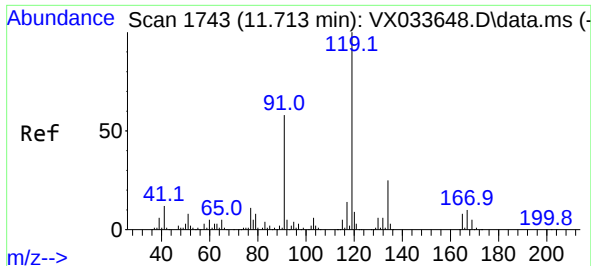
Tgt Ion: 75 Resp: 15276  
Ion Ratio Lower Upper  
75 100  
53 95.1 60.2 180.6  
89 46.5 23.2 69.6



#78  
4-Chlorotoluene  
Concen: 21.946 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 91 Resp: 125128  
Ion Ratio Lower Upper  
91 100  
126 31.2 0.0 63.6

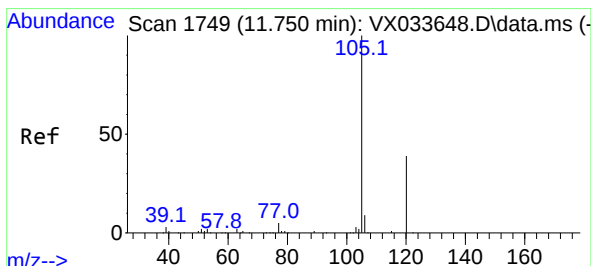
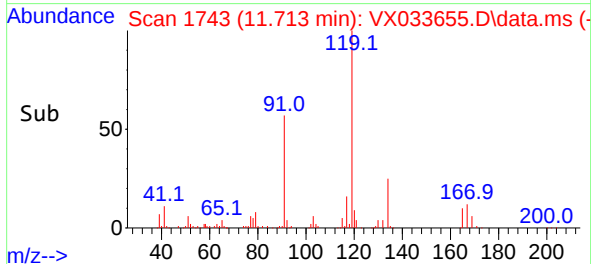
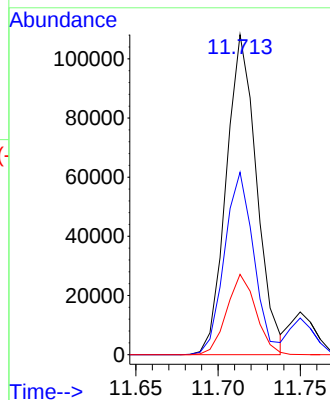
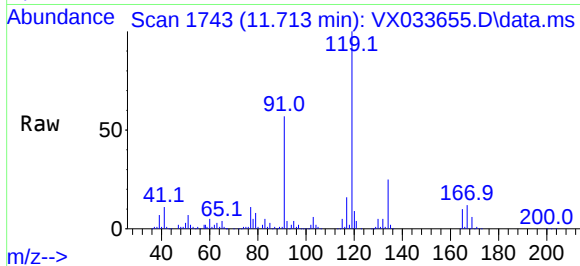




#79  
tert-butylbenzene  
Concen: 21.867 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

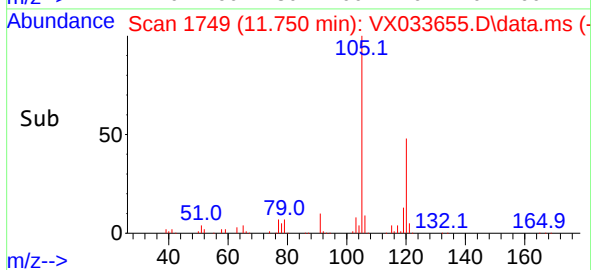
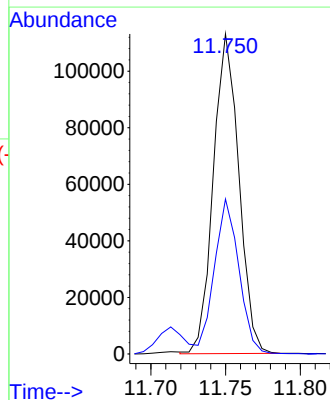
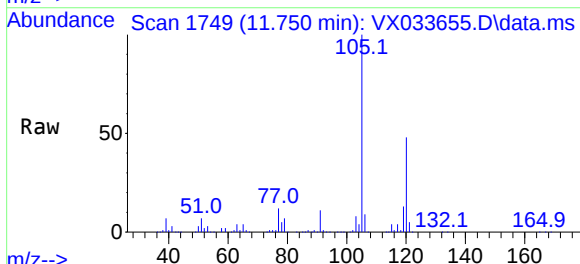
Instrument :  
MSVOA\_X  
ClientSampleId :

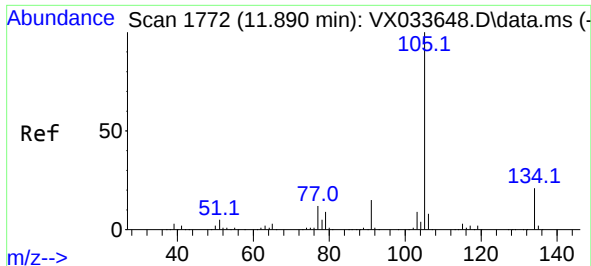
Tgt Ion:119 Resp: 139401  
Ion Ratio Lower Upper  
119 100  
91 55.4 0.0 111.0  
134 24.1 0.0 49.2



#80  
1,2,4-Trimethylbenzene  
Concen: 21.823 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion:105 Resp: 134010  
Ion Ratio Lower Upper  
105 100  
120 46.3 0.0 91.2

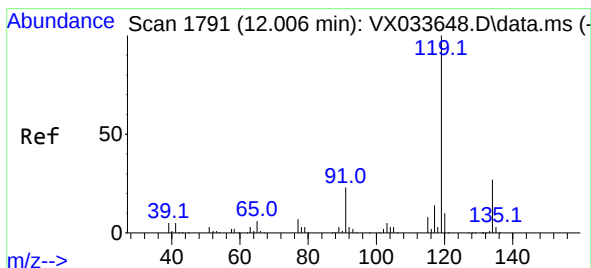
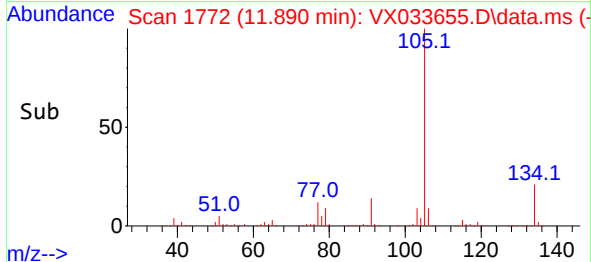
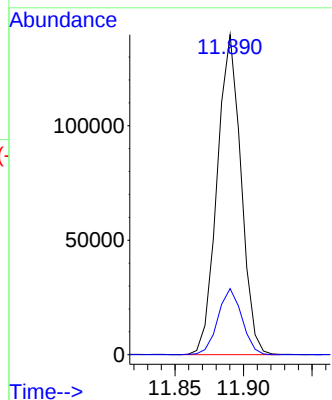
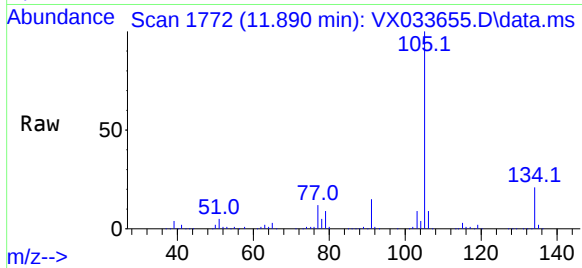




#81  
 sec-Butylbenzene  
 Concen: 21.941 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX033655.D  
 Acq: 09 Jan 2023 10:35

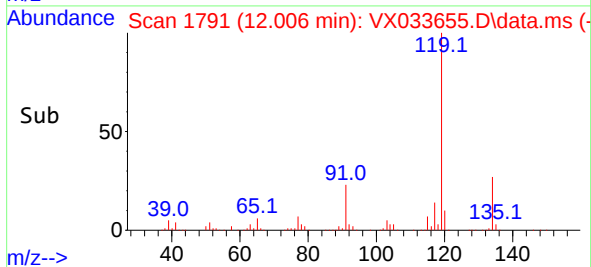
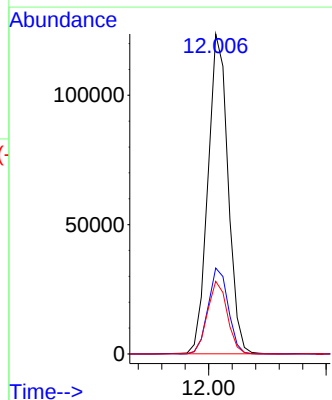
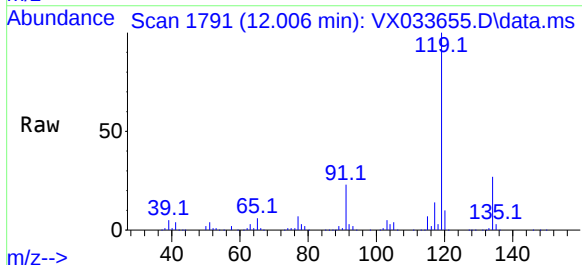
Instrument :  
 MSVOA\_X  
 ClientSampleId :

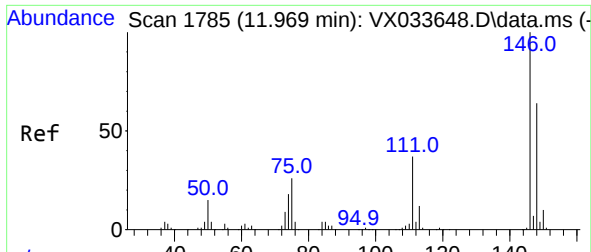
Tgt Ion:105 Resp: 169248  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 0.0 43.2



#82  
 p-Isopropyltoluene  
 Concen: 22.073 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX033655.D  
 Acq: 09 Jan 2023 10:35

Tgt Ion:119 Resp: 146849  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 0.0 54.4  
 91 22.6 0.0 45.2





#83

1,3-Dichlorobenzene

Concen: 21.322 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

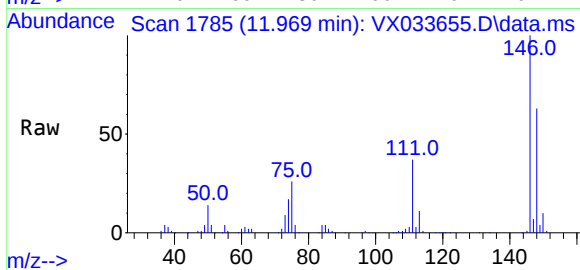
Lab File: VX033655.D

Acq: 09 Jan 2023 10:35

Instrument :

MSVOA\_X

ClientSampleId :



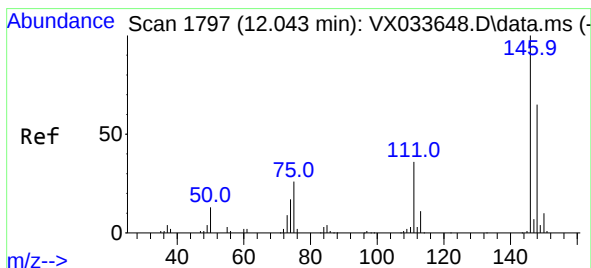
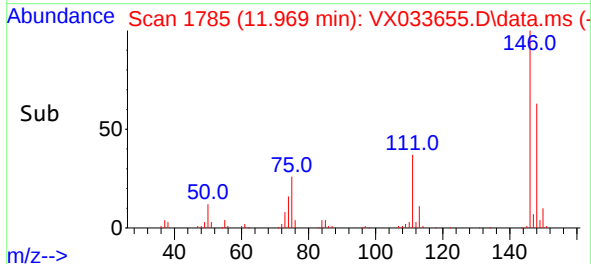
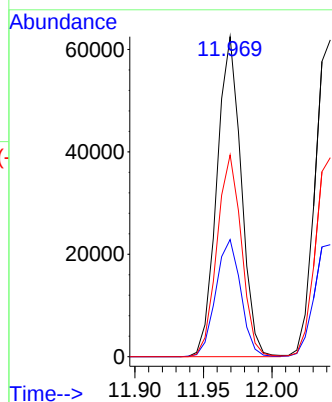
Tgt Ion:146 Resp: 77123

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.3

148 63.4 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 21.173 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033655.D

Acq: 09 Jan 2023 10:35

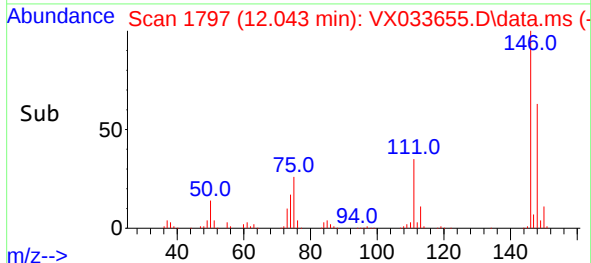
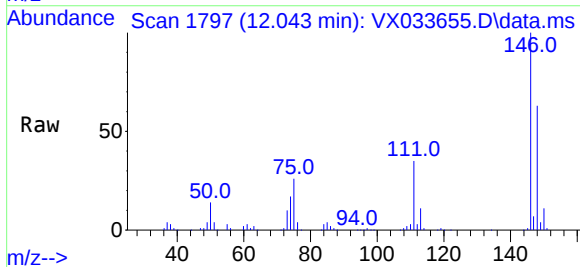
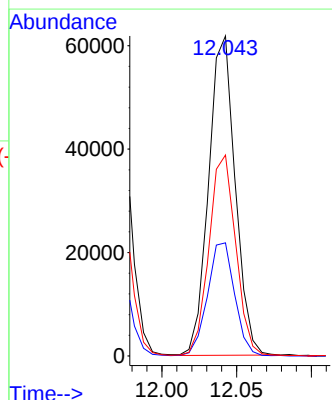
Tgt Ion:146 Resp: 76355

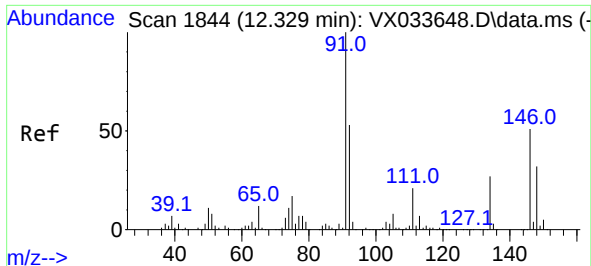
Ion Ratio Lower Upper

146 100

111 36.4 18.3 54.9

148 63.7 31.9 95.7

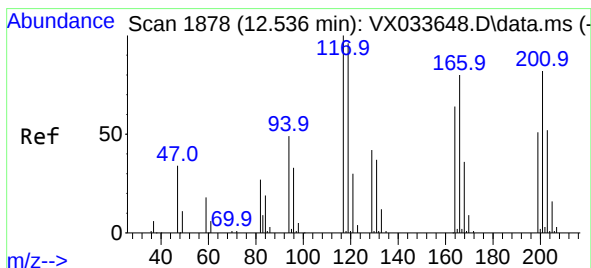
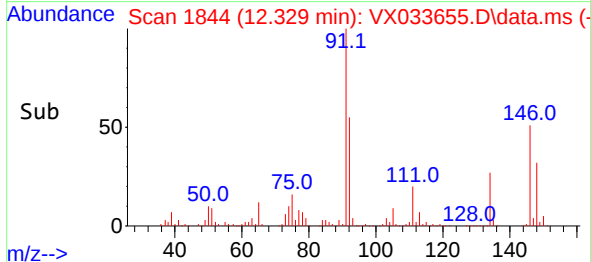
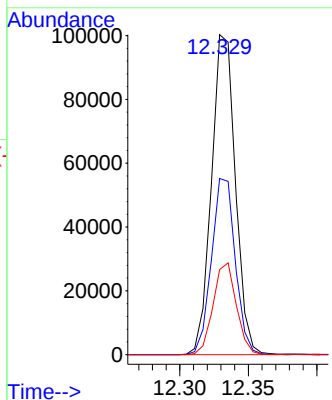
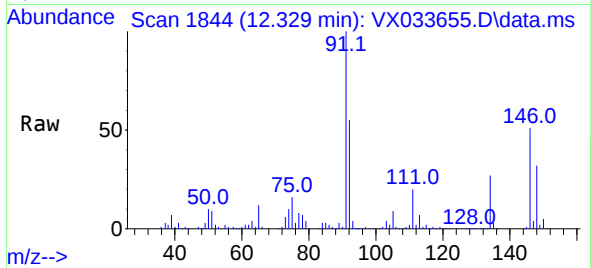




#85  
n-Butylbenzene  
Concen: 22.518 ug/l  
RT: 12.329 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

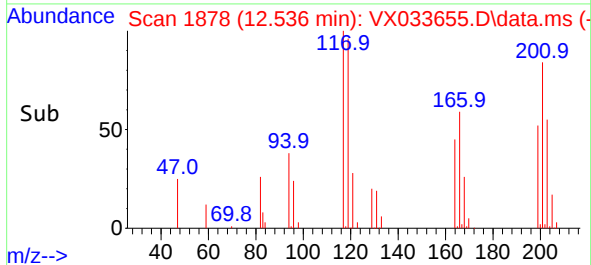
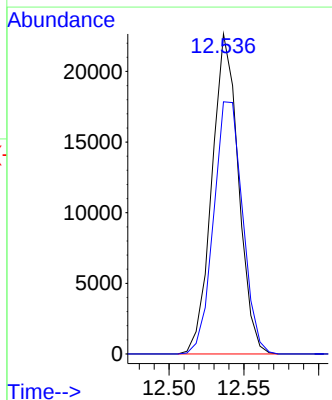
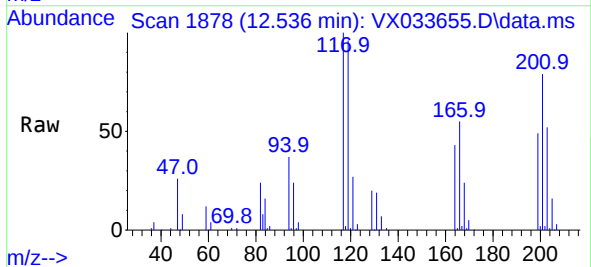
Instrument :  
MSVOA\_X  
ClientSampleId :

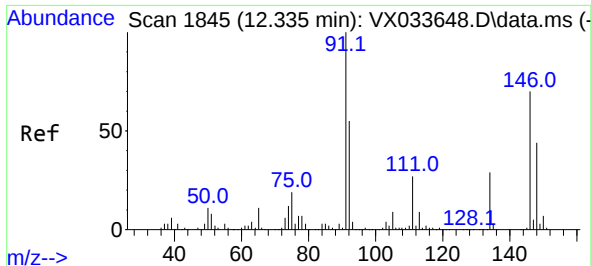
Tgt Ion: 91 Resp: 121800  
Ion Ratio Lower Upper  
91 100  
92 54.8 0.0 108.2  
134 27.8 0.0 55.4



#86  
Hexachloroethane  
Concen: 25.861 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

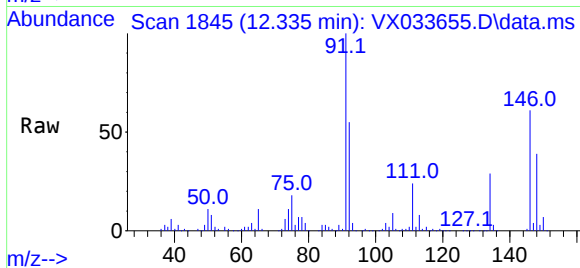
Tgt Ion: 117 Resp: 27991  
Ion Ratio Lower Upper  
117 100  
201 85.7 45.0 135.0



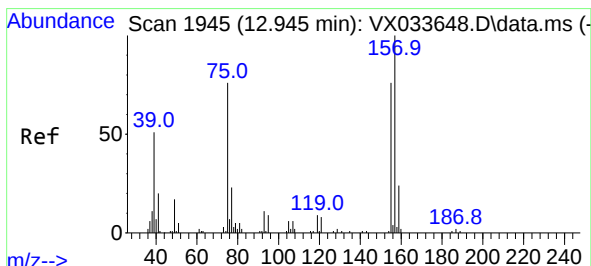
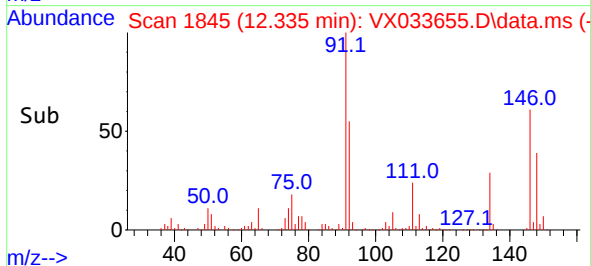
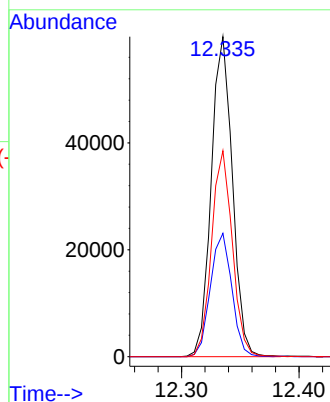


#87  
1,2-Dichlorobenzene  
Concen: 21.490 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :

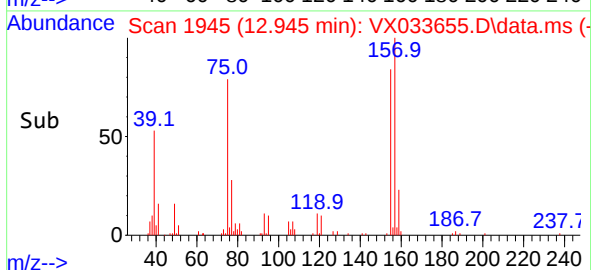
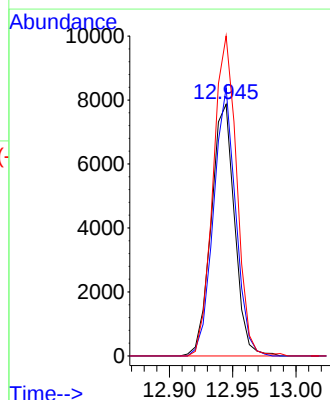
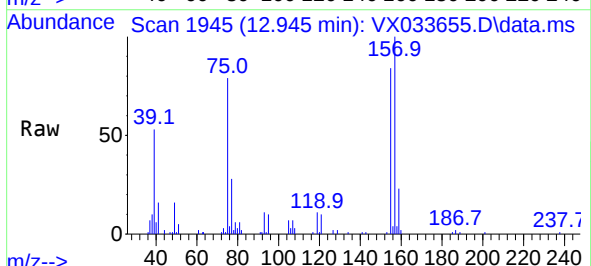


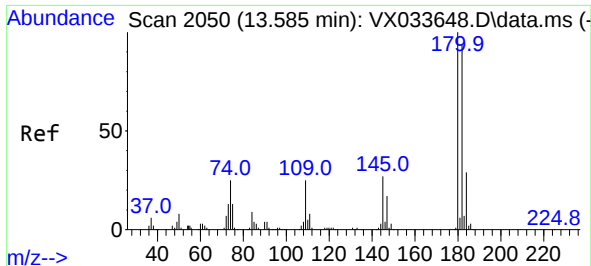
Tgt Ion:146 Resp: 74879  
Ion Ratio Lower Upper  
146 100  
111 39.0 19.7 59.0  
148 63.3 31.9 95.9



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 21.574 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion: 75 Resp: 10097  
Ion Ratio Lower Upper  
75 100  
155 101.1 77.6 116.4  
157 127.9 98.0 147.0





#89

1,2,4-Trichlorobenzene

Concen: 21.170 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033655.D

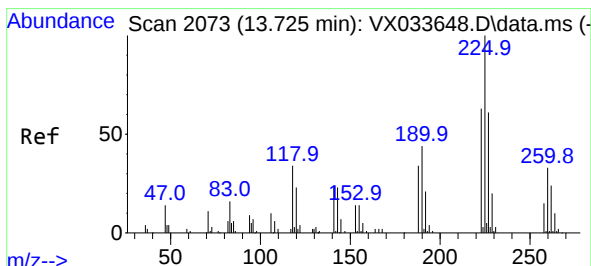
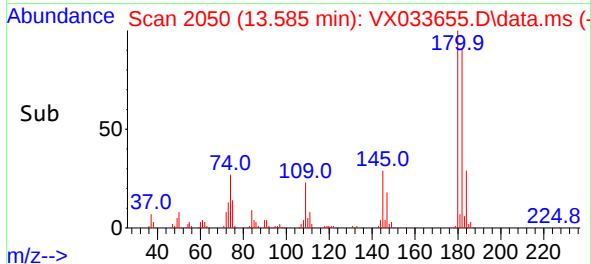
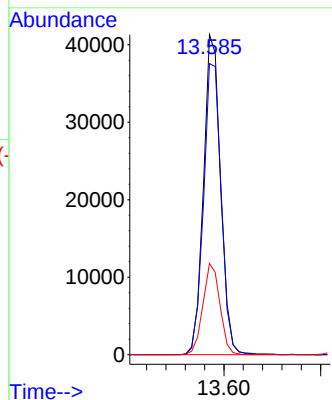
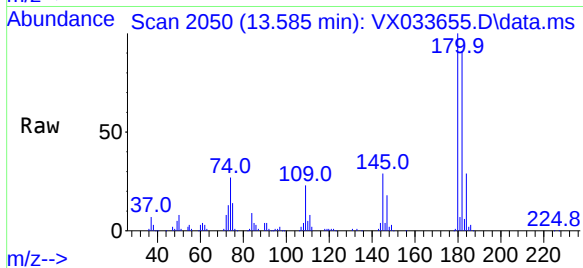
Acq: 09 Jan 2023 10:35

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 50731      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.5  | 76.7 115.1 |
| 145         | 28.4  | 21.8 32.6  |



#90

Hexachlorobutadiene

Concen: 22.087 ug/l

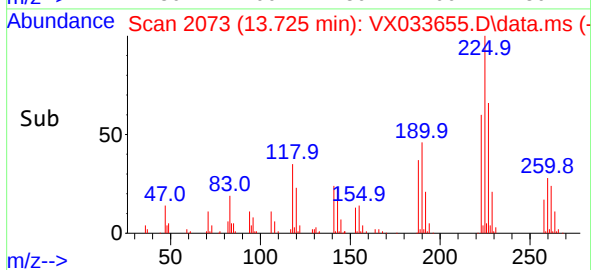
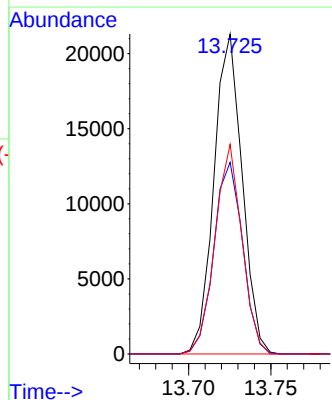
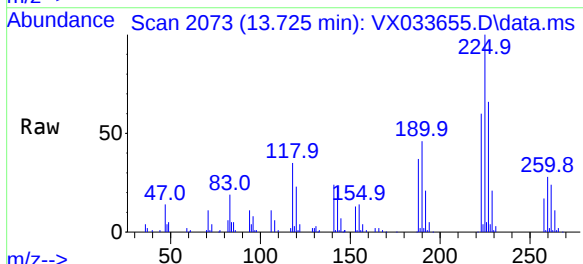
RT: 13.725 min Scan# 2073

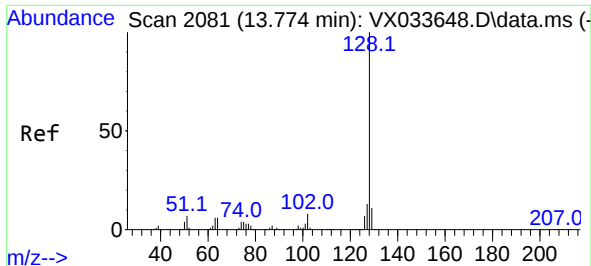
Delta R.T. -0.000 min

Lab File: VX033655.D

Acq: 09 Jan 2023 10:35

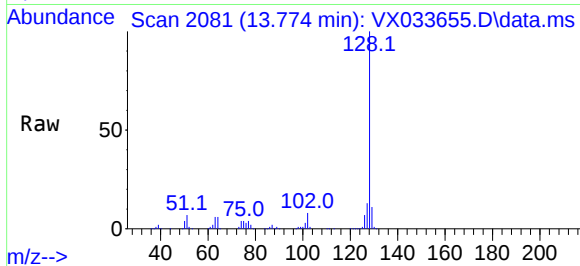
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 25379     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 61.4  | 0.0 127.0 |
| 227         | 62.7  | 0.0 123.0 |



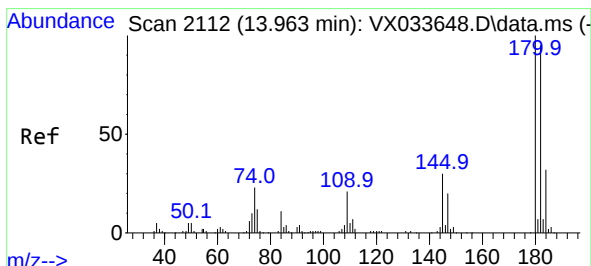
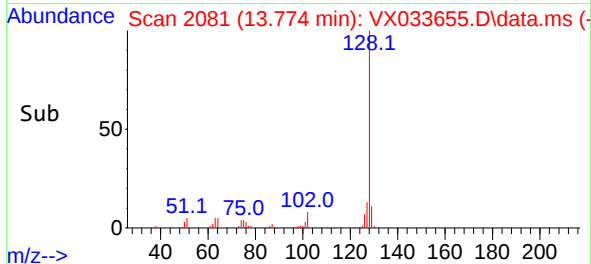
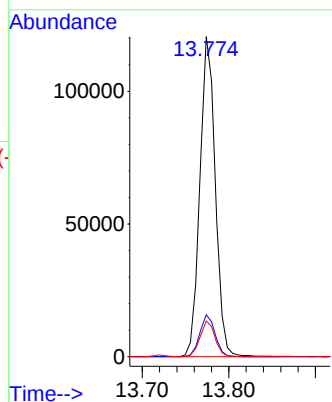


#91  
Naphthalene  
Concen: 21.202 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 149196  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 10.8 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 21.102 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX033655.D  
Acq: 09 Jan 2023 10:35

Tgt Ion:180 Resp: 50738  
Ion Ratio Lower Upper  
180 100  
182 95.9 0.0 191.2  
145 30.3 0.0 60.4

