

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071523\  
 Data File : VX036549.D  
 Acq On : 14 Jul 2023 09:17  
 Operator : JC/MD  
 Sample : VX0715WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0715WBS01

Quant Time: Jul 17 01:25:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X071423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jul 14 04:32:22 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon     | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|----------|----------|--------|---------|----------|
| -----                        |        |          |          |        |         |          |
| Internal Standards           |        |          |          |        |         |          |
| 1) Bromochloromethane        | 4.891  | 128      | 33322    | 30.000 | ug/l    | -0.01    |
| 28) 1,4-Difluorobenzene      | 6.763  | 114      | 177854   | 30.000 | ug/l    | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117      | 164336   | 30.000 | ug/l    | 0.00     |
|                              |        |          |          |        |         |          |
| System Monitoring Compounds  |        |          |          |        |         |          |
| 27) 1,2-Dichloroethane-d4    | 5.952  | 65       | 78606    | 28.423 | ug/l    | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 110 | Recovery | =      | 94.733% |          |
| 60) 4-Bromofluorobenzene     | 11.079 | 95       | 78524    | 29.457 | ug/l    | 0.00     |
| Spiked Amount 30.000         | Range  | 63 - 112 | Recovery | =      | 98.200% |          |
| 63) Toluene-d8               | 8.647  | 98       | 222923   | 29.479 | ug/l    | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 112 | Recovery | =      | 98.267% |          |
|                              |        |          |          |        |         |          |
| Target Compounds             |        |          |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85       | 30789    | 16.537 | ug/l    | 100      |
| 3) Chloromethane             | 1.294  | 50       | 41125    | 16.146 | ug/l    | 94       |
| 4) Vinyl Chloride            | 1.374  | 62       | 41621    | 15.846 | ug/l    | 99       |
| 5) Bromomethane              | 1.611  | 94       | 44354    | 16.489 | ug/l    | 99       |
| 6) Chloroethane              | 1.685  | 64       | 28408    | 15.890 | ug/l #  | 89       |
| 7) Trichlorofluoromethane    | 1.886  | 101      | 70488    | 16.542 | ug/l    | 99       |
| 8) Diethyl Ether             | 2.136  | 74       | 30380    | 17.159 | ug/l    | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101      | 32470    | 16.830 | ug/l    | 97       |
| 10) 1,1-Dichloroethene       | 2.319  | 96       | 32487    | 16.660 | ug/l    | 97       |
| 11) Methyl Iodide            | 2.453  | 142      | 36418    | 16.389 | ug/l    | 98       |
| 12) Methyl Acetate           | 2.703  | 43       | 80010    | 17.456 | ug/l    | 99       |
| 13) Acrolein                 | 2.239  | 56       | 23524    | 62.562 | ug/l    | 100      |
| 14) Acrylonitrile            | 3.062  | 53       | 109599   | 85.306 | ug/l    | 97       |
| 15) Acetone                  | 2.386  | 58       | 31181    | 85.723 | ug/l    | 91       |
| 16) Carbon Disulfide         | 2.514  | 76       | 77329    | 16.345 | ug/l    | 99       |
| 17) Allyl chloride           | 2.666  | 41       | 57622    | 16.658 | ug/l    | 98       |
| 18) Methylene Chloride       | 2.788  | 84       | 38632    | 16.453 | ug/l    | 96       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96       | 35260    | 16.543 | ug/l    | 94       |
| 20) Diisopropyl ether        | 3.757  | 45       | 126984   | 18.012 | ug/l    | 94       |
| 21) 1,1-Dichloroethane       | 3.605  | 63       | 70097    | 17.054 | ug/l    | 99       |
| 22) cis-1,2-Dichloroethene   | 4.489  | 96       | 44115    | 17.197 | ug/l    | 98       |
| 23) tert-Butyl Alcohol       | 2.971  | 59       | 48548    | 81.372 | ug/l #  | 1        |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73       | 126633   | 17.858 | ug/l    | 99       |
| 25) Chloroform               | 5.092  | 83       | 75602    | 17.791 | ug/l    | 97       |
| 26) Cyclohexane              | 5.470  | 56       | 49800    | 15.793 | ug/l #  | 99       |
| 29) 1,1-Dichloropropene      | 5.696  | 75       | 48096    | 17.933 | ug/l    | 98       |
| 30) 2-Butanone               | 4.556  | 43       | 155730   | 92.219 | ug/l    | 100      |
| 31) 2,2-Dichloropropane      | 4.471  | 77       | 53637    | 18.237 | ug/l    | 99       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97       | 57895    | 18.167 | ug/l    | 99       |
| 33) Carbon Tetrachloride     | 5.678  | 117      | 47824    | 17.590 | ug/l    | 98       |
| 34) Benzene                  | 6.037  | 78       | 155956   | 18.865 | ug/l    | 96       |
| 35) Methacrylonitrile        | 4.916  | 41       | 32412    | 18.499 | ug/l    | 97       |
| 36) 1,2-Dichloroethane       | 6.086  | 62       | 61145    | 19.263 | ug/l    | 99       |
| 37) Trichloroethene          | 7.123  | 130      | 38453    | 17.673 | ug/l    | 99       |
| 38) Methylcyclohexane        | 7.379  | 83       | 53276    | 17.075 | ug/l    | 99       |
| 39) 1,2-Dichloropropane      | 7.427  | 63       | 43204    | 19.280 | ug/l    | 98       |
| 40) Dibromomethane           | 7.580  | 93       | 30979    | 19.086 | ug/l    | 97       |
| 41) Bromodichloromethane     | 7.824  | 83       | 56090    | 19.040 | ug/l    | 98       |
| 42) Vinyl Acetate            | 3.721  | 43       | 498387   | 97.709 | ug/l    | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071523\  
 Data File : VX036549.D  
 Acq On : 14 Jul 2023 09:17  
 Operator : JC/MD  
 Sample : VX0715WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0715WBS01

Quant Time: Jul 17 01:25:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X071423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jul 14 04:32:22 2023  
 Response via : Initial Calibration

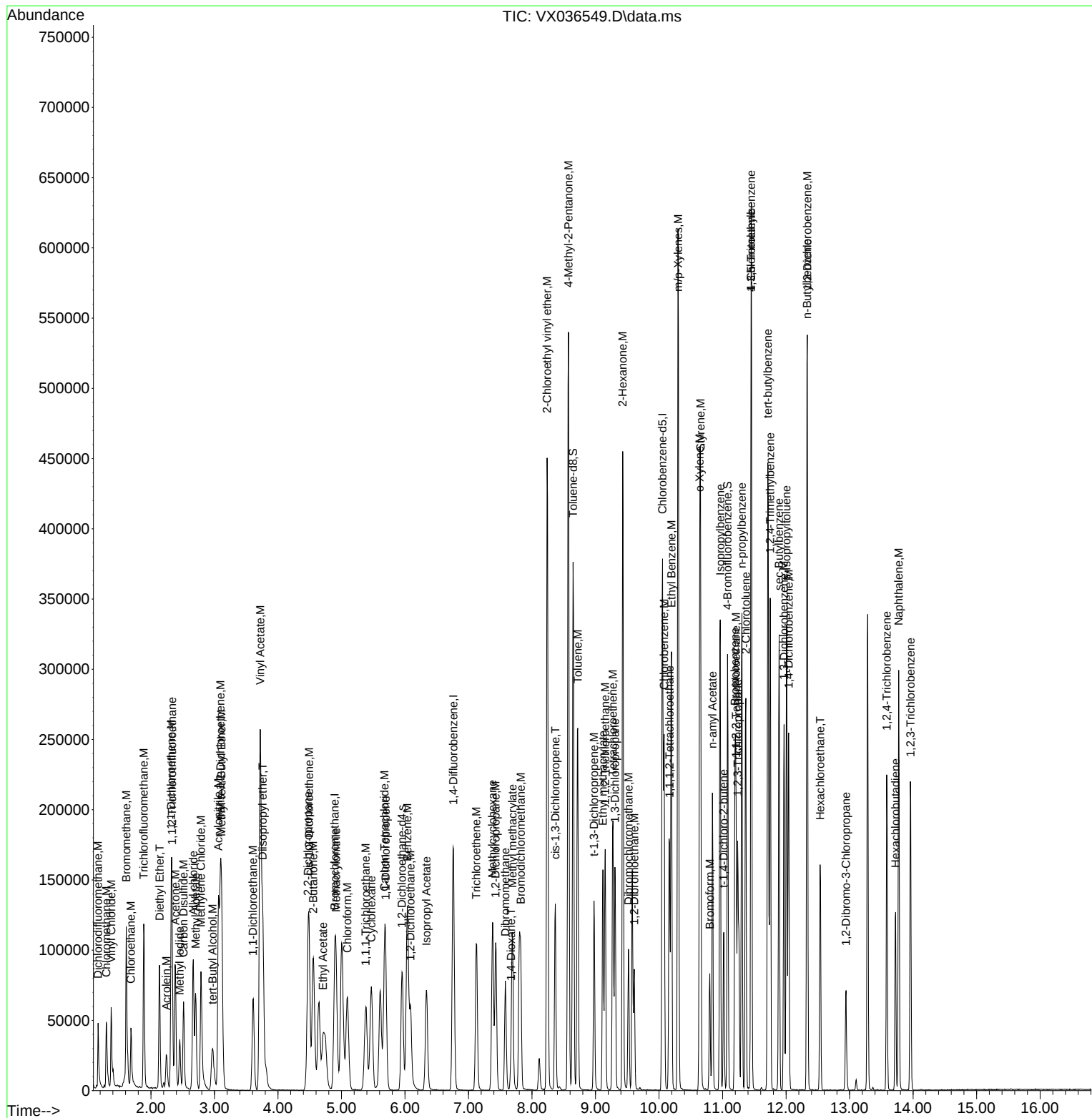
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.708  | 43   | 60705    | 18.468  | ug/l   | 96       |
| 44) Isopropyl Acetate         | 6.336  | 43   | 99065    | 18.898  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 7.671  | 88   | 22721    | 381.842 | ug/l # | 1        |
| 46) Methyl methacrylate       | 7.690  | 41   | 48673    | 19.427  | ug/l   | 95       |
| 47) n-amyl Acetate            | 10.841 | 43   | 84331    | 18.966  | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 59920    | 18.545  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 65531    | 18.776  | ug/l   | 99       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 43228    | 19.619  | ug/l   | 99       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 65915    | 19.054  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 72740    | 19.562  | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.518  | 129  | 41798    | 18.794  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 44826    | 19.366  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 179472   | 96.466  | ug/l   | 100      |
| 56) Bromoform                 | 10.799 | 173  | 28446    | 18.384  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 314703   | 92.608  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 238654   | 92.313  | ug/l   | 98       |
| 61) Tetrachloroethene         | 9.275  | 164  | 34158    | 17.354  | ug/l   | 98       |
| 62) Toluene                   | 8.720  | 91   | 169930   | 18.429  | ug/l   | 99       |
| 64) Chlorobenzene             | 10.079 | 112  | 105172   | 18.321  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 38087    | 18.372  | ug/l   | 99       |
| 66) Ethyl Benzene             | 10.195 | 91   | 180816   | 18.044  | ug/l   | 97       |
| 67) m/p-Xylenes               | 10.299 | 106  | 141361   | 36.185  | ug/l   | 99       |
| 68) o-Xylene                  | 10.640 | 106  | 71723    | 18.499  | ug/l   | 100      |
| 69) Styrene                   | 10.652 | 104  | 115475   | 18.369  | ug/l   | 98       |
| 70) Isopropylbenzene          | 10.963 | 105  | 175364   | 18.160  | ug/l   | 97       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 67038    | 19.020  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 70936    | 21.719  | ug/l   | 89       |
| 73) Bromobenzene              | 11.195 | 156  | 43628    | 18.277  | ug/l   | 98       |
| 74) n-propylbenzene           | 11.305 | 91   | 203418   | 17.897  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 125772   | 18.197  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 149436   | 18.009  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 17530    | 16.345  | ug/l   | 97       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 143004   | 18.171  | ug/l   | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 139301   | 17.687  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 149830   | 18.222  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.890 | 105  | 171367   | 17.286  | ug/l   | 97       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 142083   | 17.227  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 79321    | 17.864  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 79290    | 17.921  | ug/l   | 99       |
| 85) n-Butylbenzene            | 12.329 | 91   | 124047   | 16.522  | ug/l   | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 21285    | 15.587  | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 81623    | 18.327  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 13952    | 17.605  | ug/l   | 99       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 48198    | 17.161  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 16551    | 16.225  | ug/l   | 97       |
| 91) Naphthalene               | 13.774 | 128  | 178493   | 18.113  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 48523    | 17.117  | ug/l   | 98       |

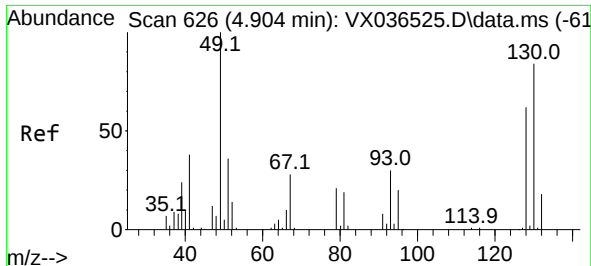
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071523\  
Data File : VX036549.D  
Acq On : 14 Jul 2023 09:17  
Operator : JC/MD  
Sample : VX0715WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
VX0715WBS01

Quant Time: Jul 17 01:25:18 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X071423W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Jul 14 04:32:22 2023  
Response via : Initial Calibration

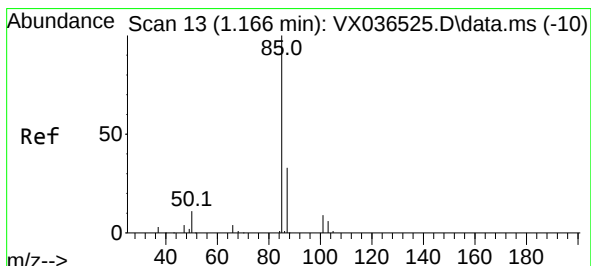
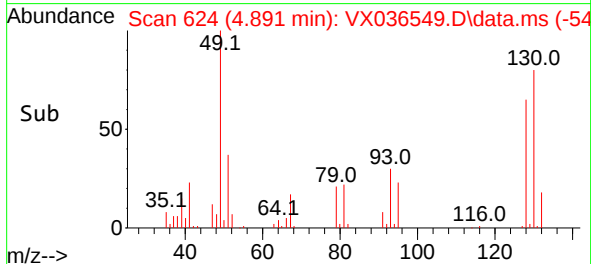
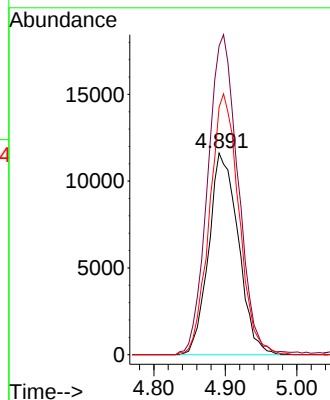
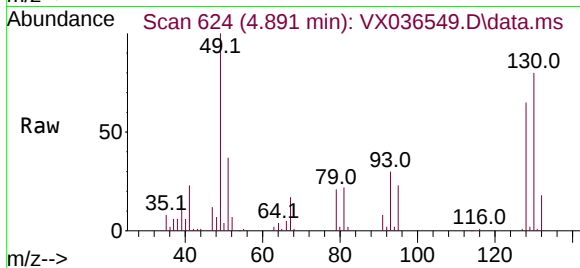




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.891 min Scan# 61  
Delta R.T. -0.013 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

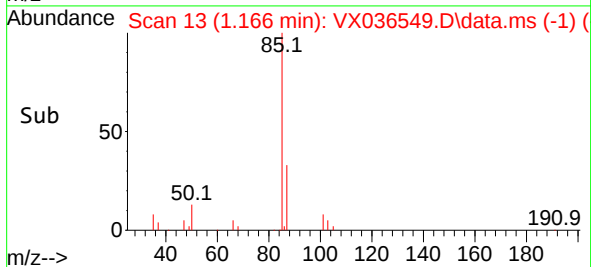
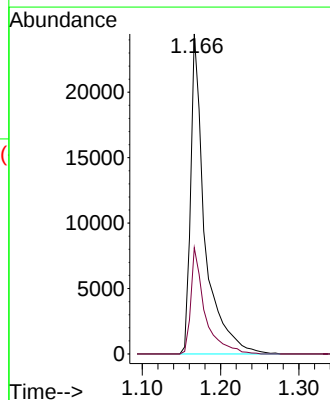
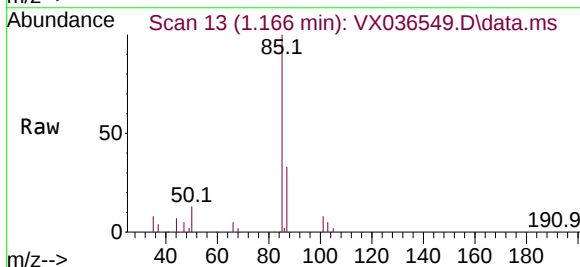
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

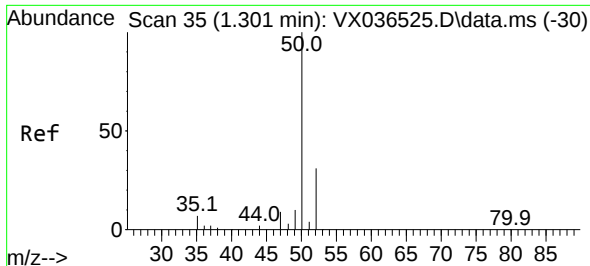
Tgt Ion:128 Resp: 33322  
Ion Ratio Lower Upper  
128 100  
49 162.6 0.0 406.3  
130 128.9 0.0 328.0



#2  
Dichlorodifluoromethane  
Concen: 16.537 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 85 Resp: 30789  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.4 49.4

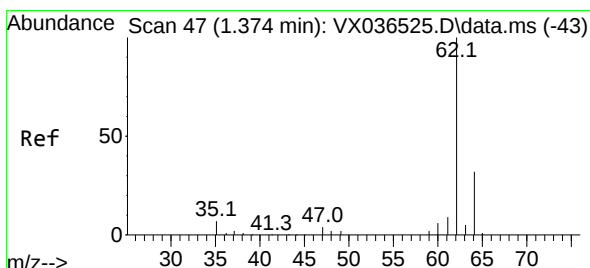
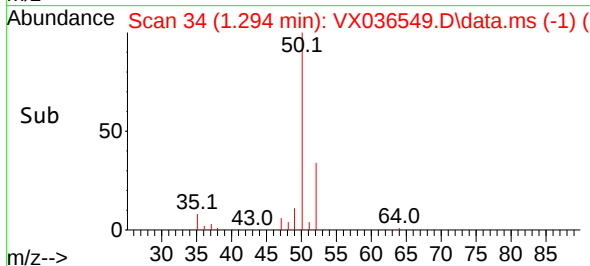
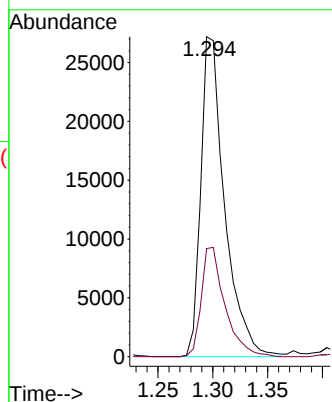
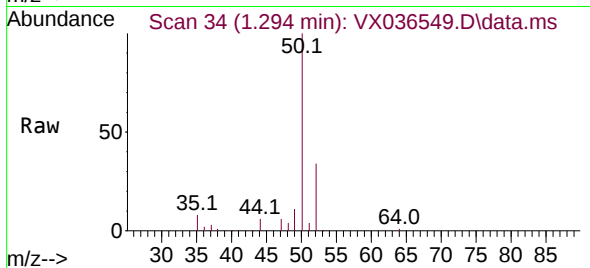




#3  
Chloromethane  
Concen: 16.146 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

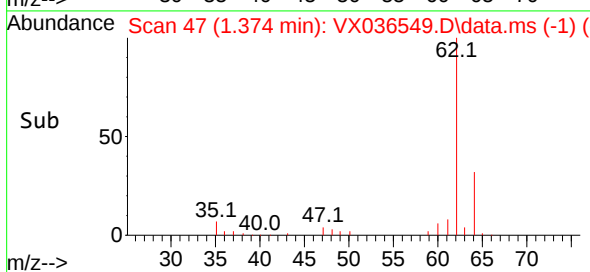
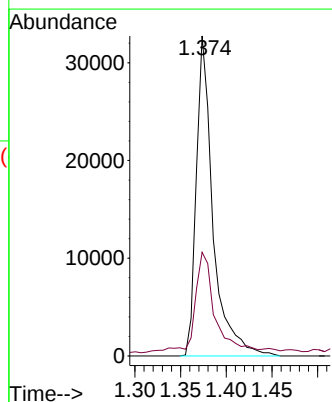
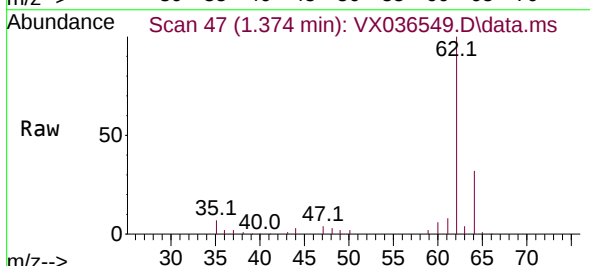
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

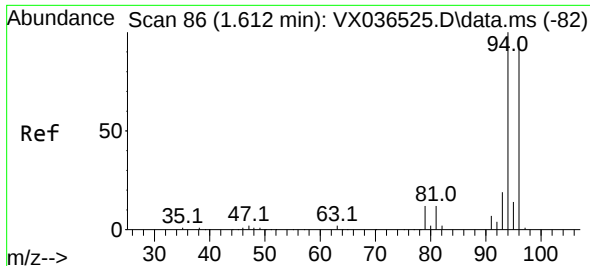
Tgt Ion: 50 Resp: 41125  
Ion Ratio Lower Upper  
50 100  
52 33.8 24.5 36.7



#4  
Vinyl Chloride  
Concen: 15.846 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 62 Resp: 41621  
Ion Ratio Lower Upper  
62 100  
64 30.8 25.3 37.9

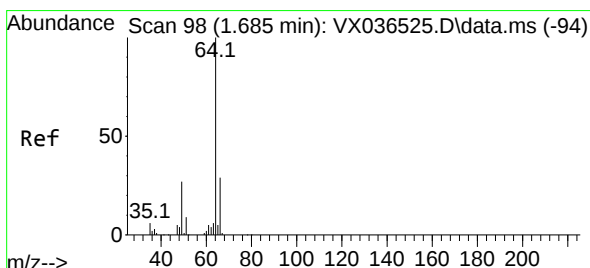
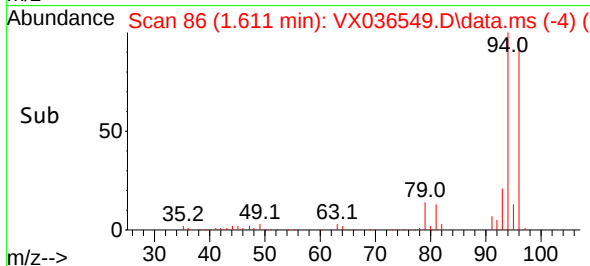
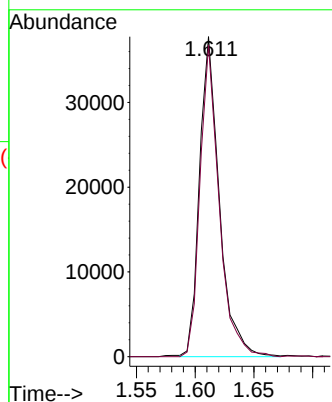
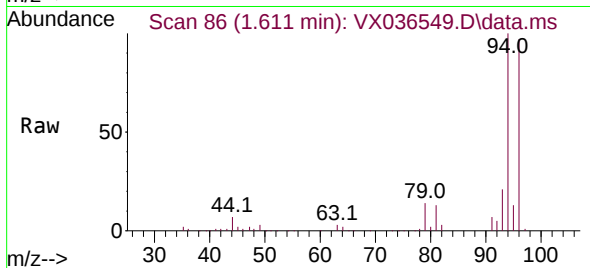




#5  
Bromomethane  
Concen: 16.489 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

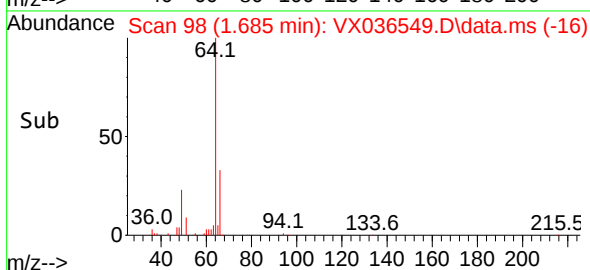
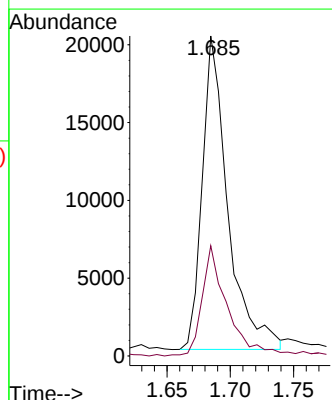
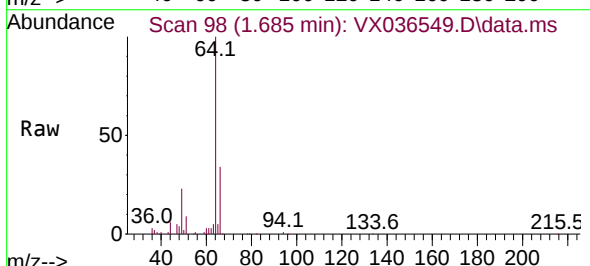
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

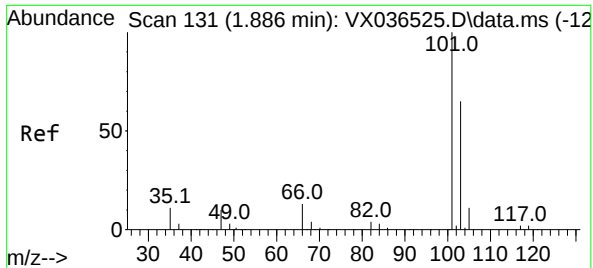
Tgt Ion: 94 Resp: 44354  
Ion Ratio Lower Upper  
94 100  
96 97.7 77.4 116.2



#6  
Chloroethane  
Concen: 15.890 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 64 Resp: 28408  
Ion Ratio Lower Upper  
64 100  
66 34.8 23.1 34.7#

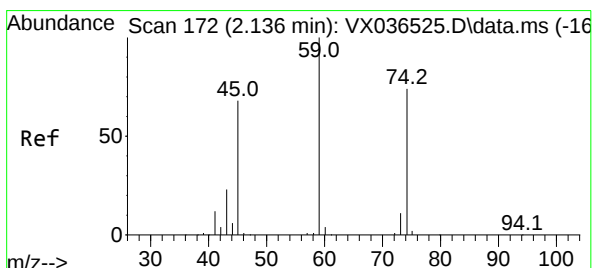
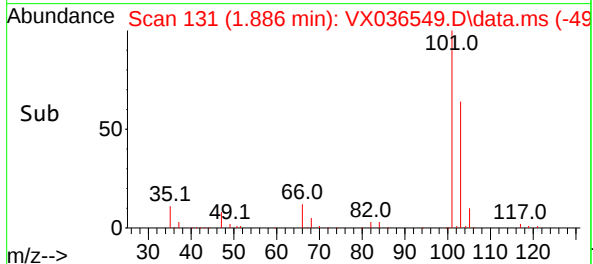
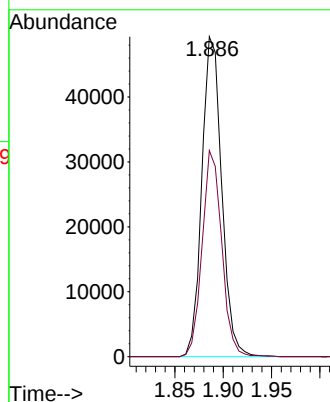
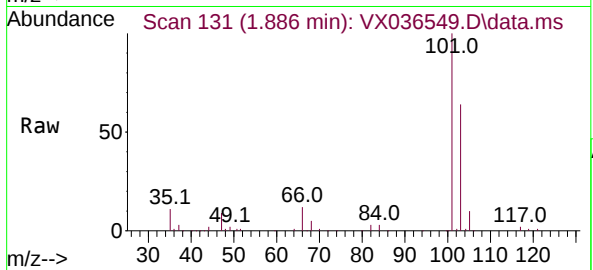




#7  
 Trichlorofluoromethane  
 Concen: 16.542 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX036549.D  
 Acq: 14 Jul 2023 09:17

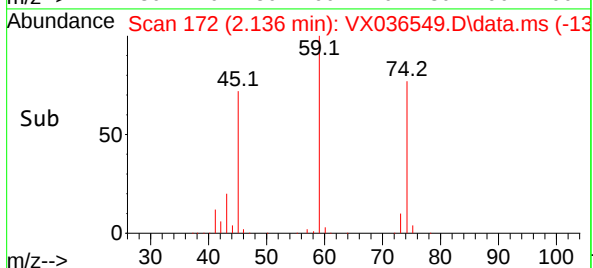
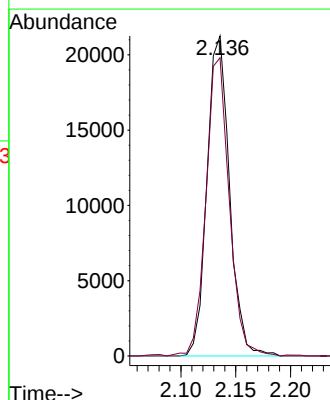
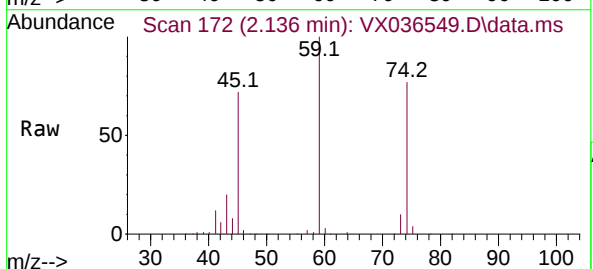
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0715WBS01

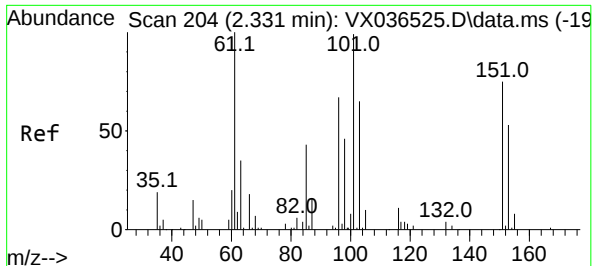
Tgt Ion:101 Resp: 70488  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 52.2 78.2



#8  
 Diethyl Ether  
 Concen: 17.159 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX036549.D  
 Acq: 14 Jul 2023 09:17

Tgt Ion: 74 Resp: 30380  
 Ion Ratio Lower Upper  
 74 100  
 45 95.5 19.9 178.9

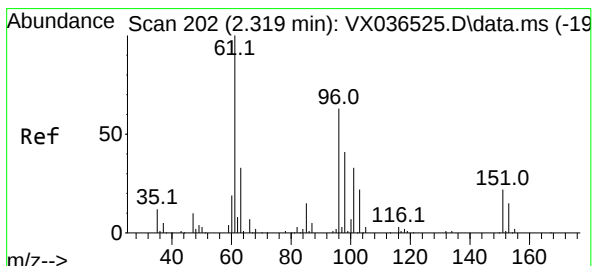
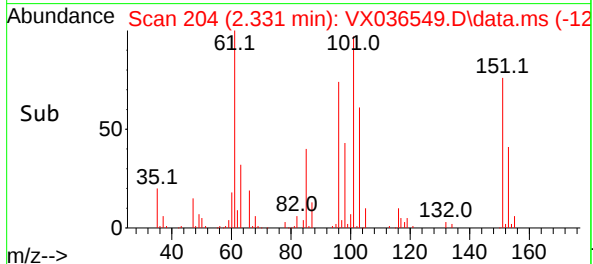
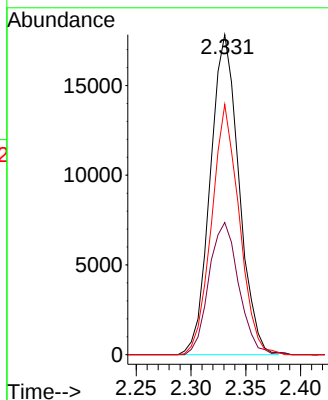
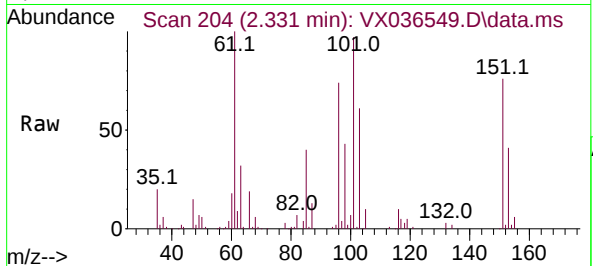




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 16.830 ug/l  
 RT: 2.331 min Scan# 204  
 Delta R.T. -0.000 min  
 Lab File: VX036549.D  
 Acq: 14 Jul 2023 09:17

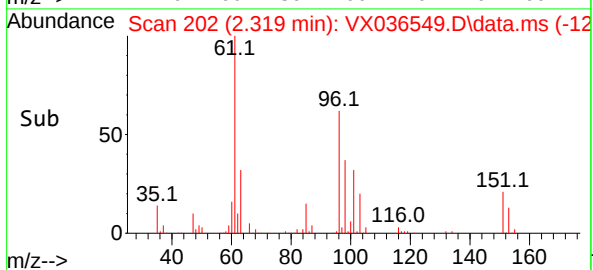
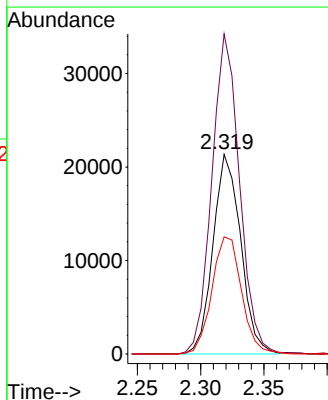
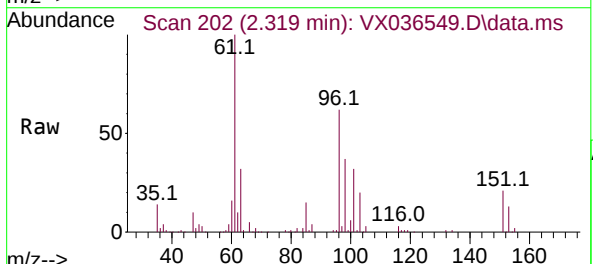
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0715WBS01

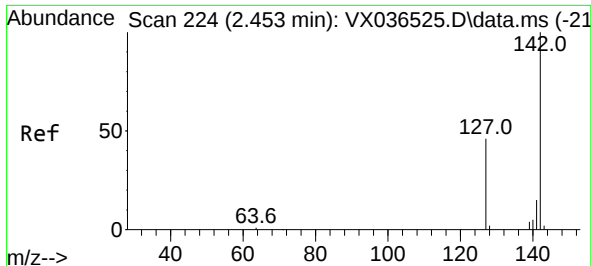
Tgt Ion:101 Resp: 32470  
 Ion Ratio Lower Upper  
 101 100  
 85 42.6 0.0 91.0  
 151 75.2 0.0 155.4



#10  
 1,1-Dichloroethene  
 Concen: 16.660 ug/l  
 RT: 2.319 min Scan# 202  
 Delta R.T. -0.000 min  
 Lab File: VX036549.D  
 Acq: 14 Jul 2023 09:17

Tgt Ion: 96 Resp: 32487  
 Ion Ratio Lower Upper  
 96 100  
 61 160.3 127.2 190.8  
 98 58.7 52.7 79.1

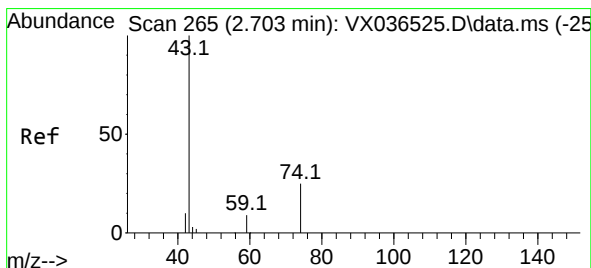
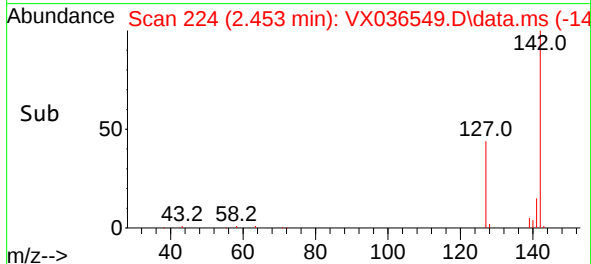
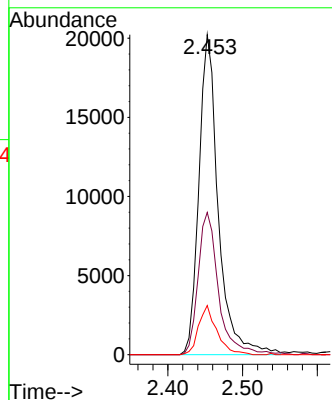
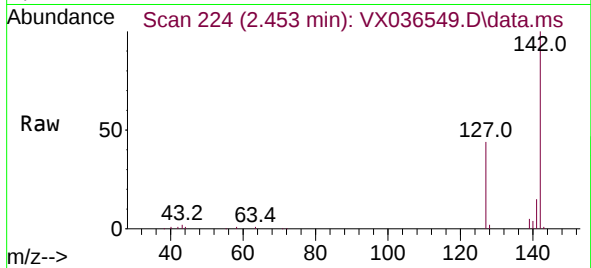




#11  
Methyl Iodide  
Concen: 16.389 ug/l  
RT: 2.453 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

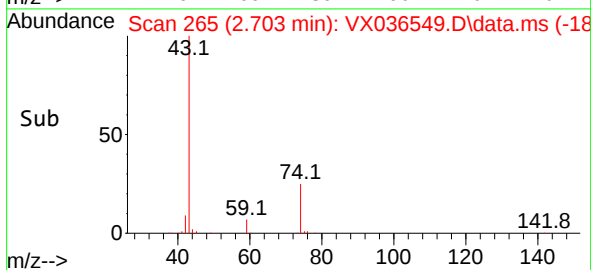
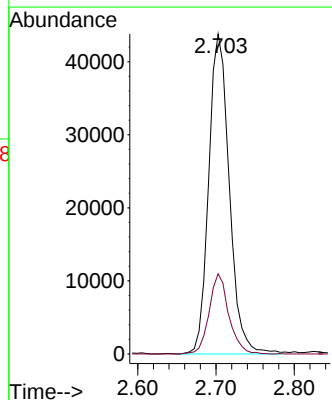
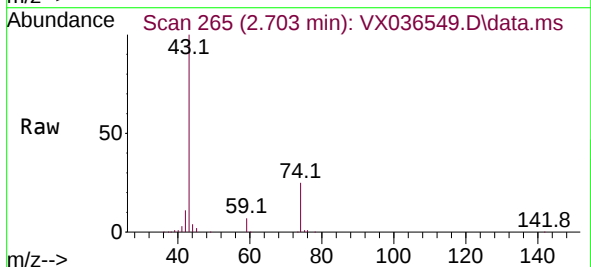
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

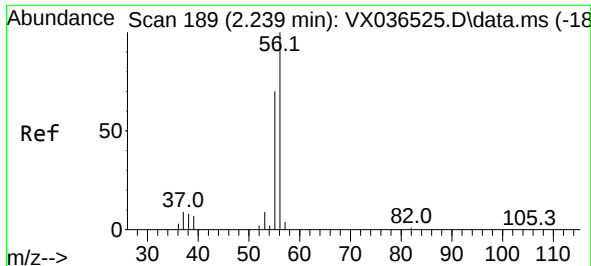
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 44.3  | 22.9  | 68.8  |
| 141     | 15.4  | 7.5   | 22.6  |



#12  
Methyl Acetate  
Concen: 17.456 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.0  | 20.3  | 30.5  |

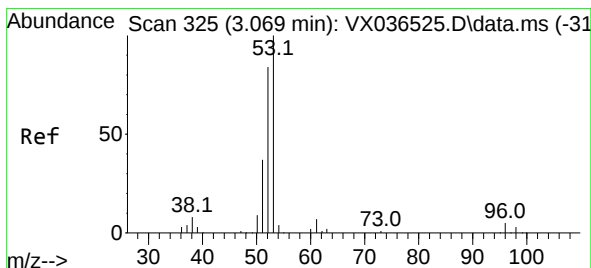
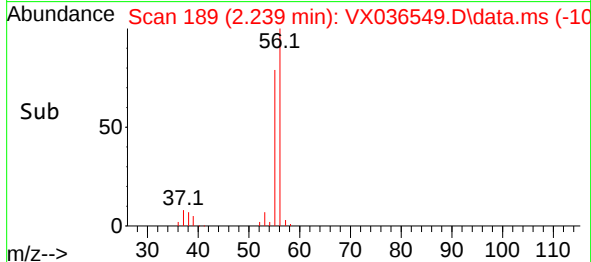
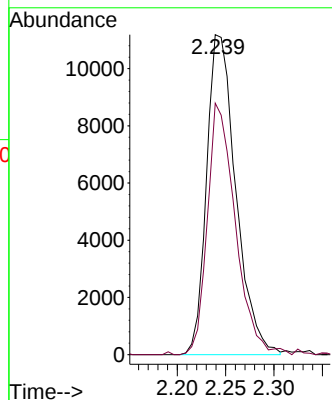
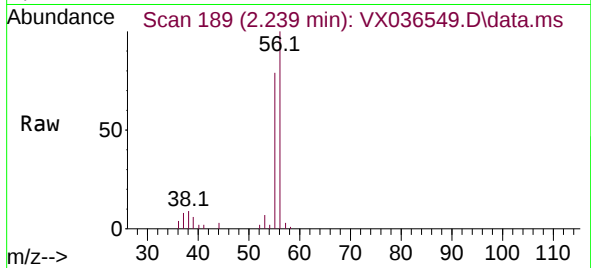




#13  
Acrolein  
Concen: 62.562 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

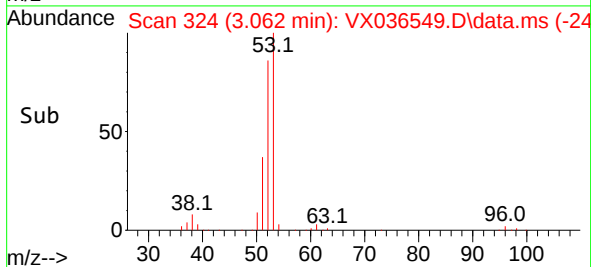
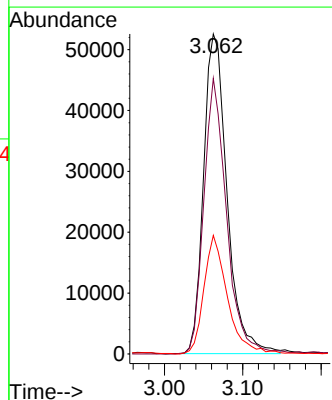
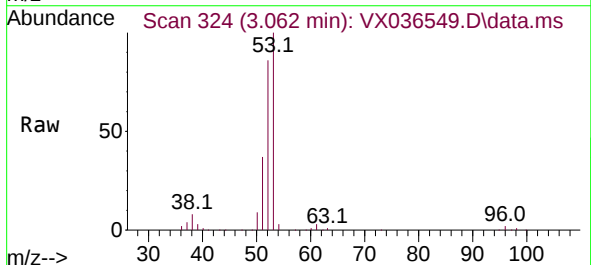
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

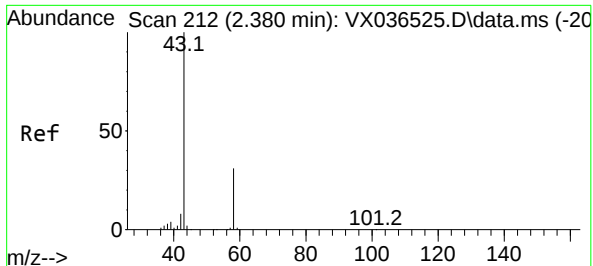
Tgt Ion: 56 Resp: 23524  
Ion Ratio Lower Upper  
56 100  
55 74.4 59.7 89.5



#14  
Acrylonitrile  
Concen: 85.306 ug/l  
RT: 3.062 min Scan# 324  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 53 Resp: 109599  
Ion Ratio Lower Upper  
53 100  
52 83.4 40.0 119.9  
51 36.6 18.2 54.6

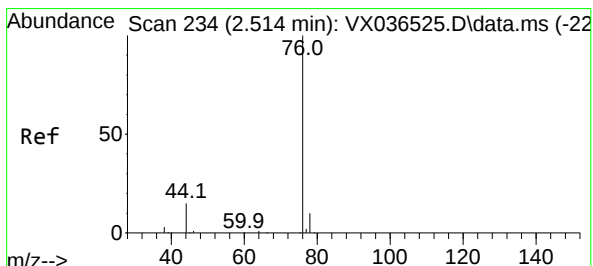
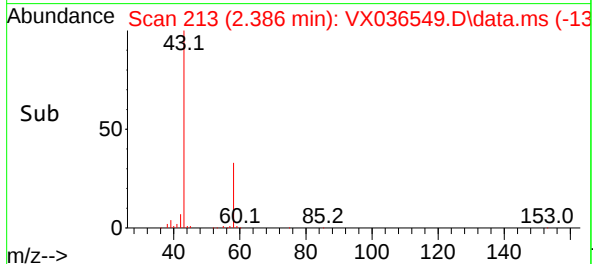
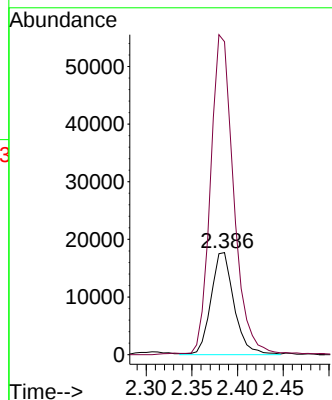
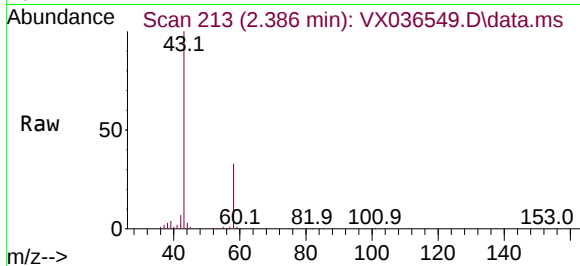




#15  
Acetone  
Concen: 85.723 ug/l  
RT: 2.386 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

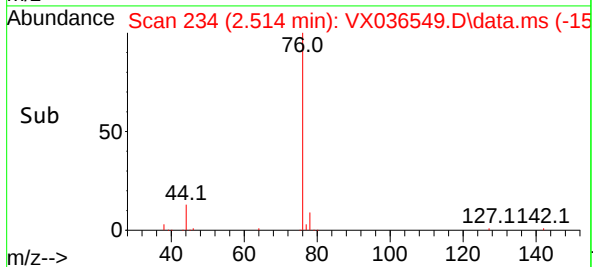
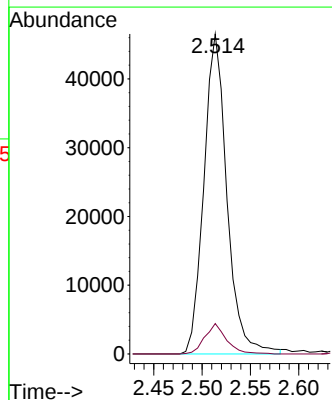
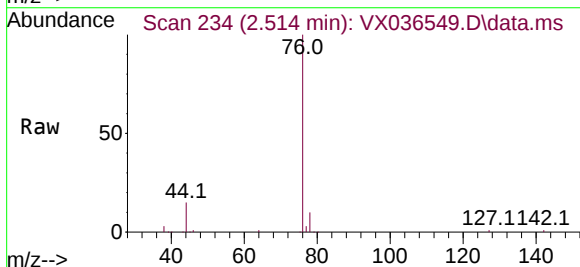
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

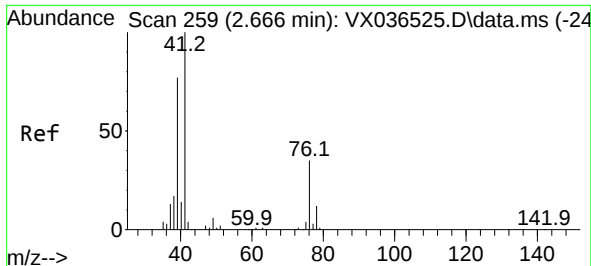
Tgt Ion: 58 Resp: 31181  
Ion Ratio Lower Upper  
58 100  
43 307.3 261.0 391.4



#16  
Carbon Disulfide  
Concen: 16.345 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 76 Resp: 77329  
Ion Ratio Lower Upper  
76 100  
78 9.5 8.0 12.0





#17

Allyl chloride

Concen: 16.658 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0715WBS01

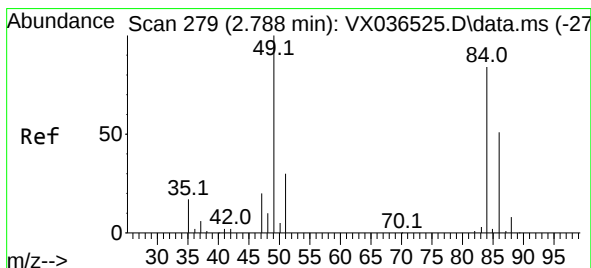
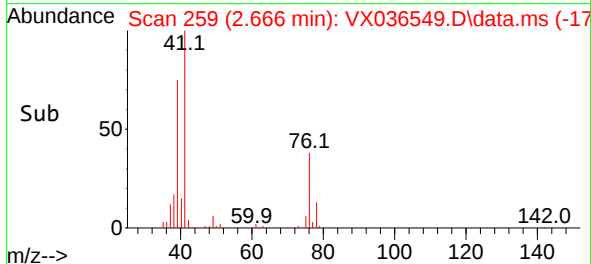
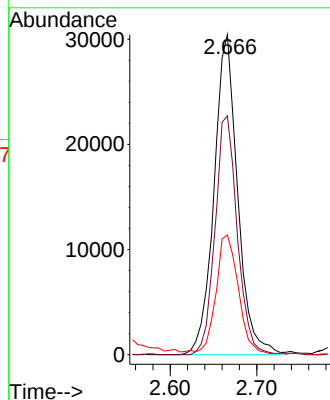
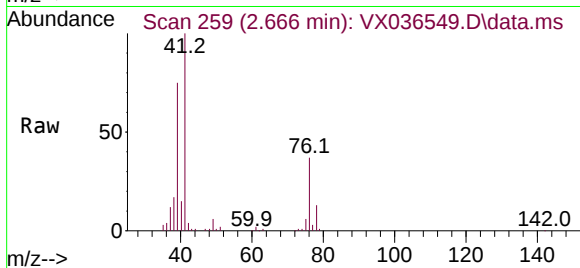
Tgt Ion: 41 Resp: 57622

Ion Ratio Lower Upper

41 100

39 74.6 38.5 115.3

76 37.0 18.6 55.8



#18

Methylene Chloride

Concen: 16.453 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Tgt Ion: 84 Resp: 38632

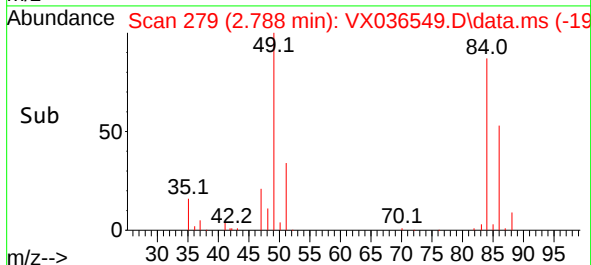
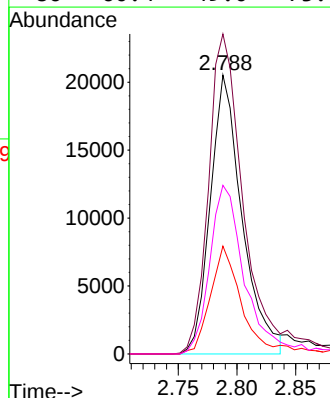
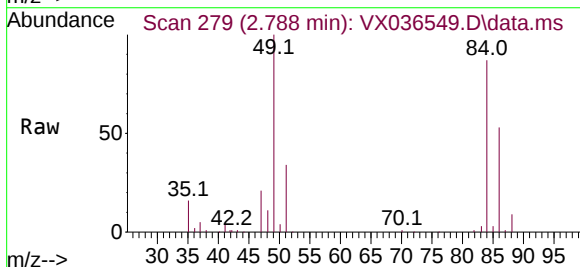
Ion Ratio Lower Upper

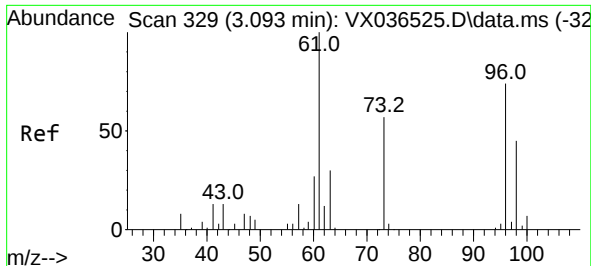
84 100

49 114.4 95.4 143.0

51 38.7 28.3 42.5

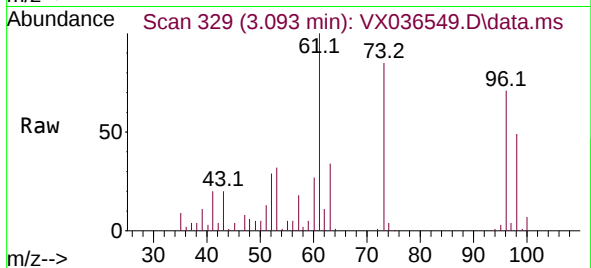
86 60.4 49.0 73.6





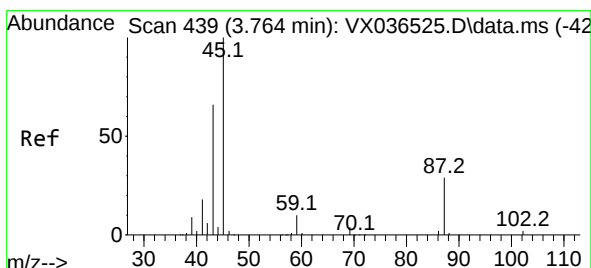
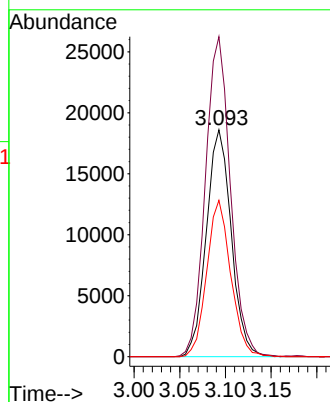
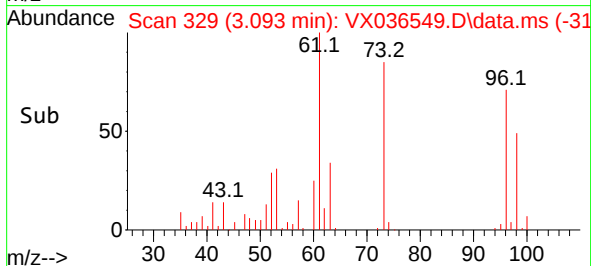
#19  
trans-1,2-Dichloroethene  
Concen: 16.543 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

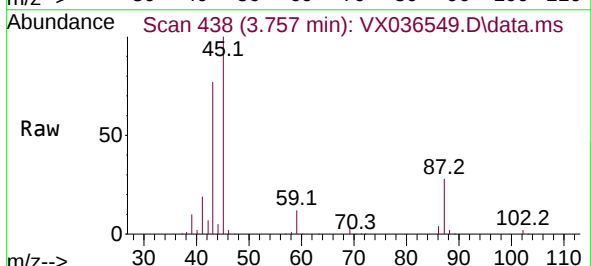


Tgt Ion: 96 Resp: 35260

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.0 | 108.7 | 163.1 |
| 98  | 68.9  | 49.1  | 73.7  |

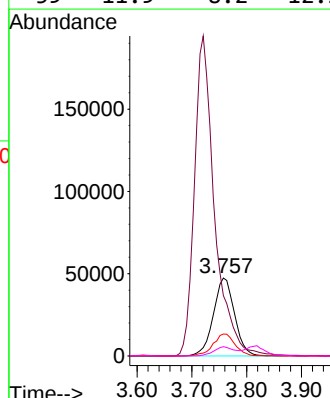
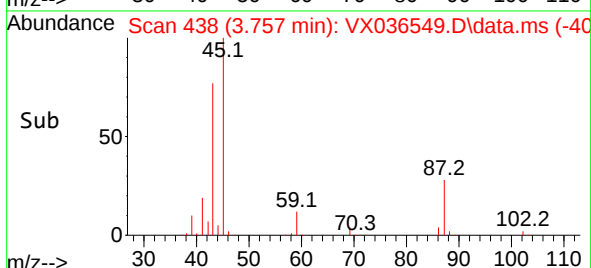


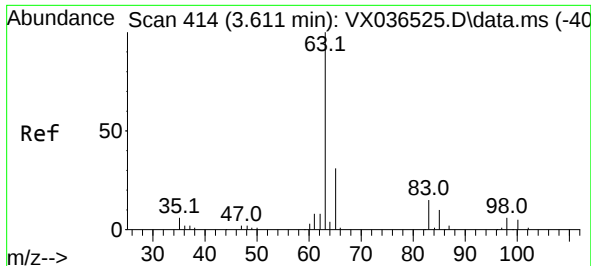
#20  
Diisopropyl ether  
Concen: 18.012 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17



Tgt Ion: 45 Resp: 126984

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 75.9  | 55.8  | 83.6  |
| 87  | 28.1  | 23.0  | 34.4  |
| 59  | 11.9  | 8.2   | 12.2  |





#21

1,1-Dichloroethane

Concen: 17.054 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0715WBS01

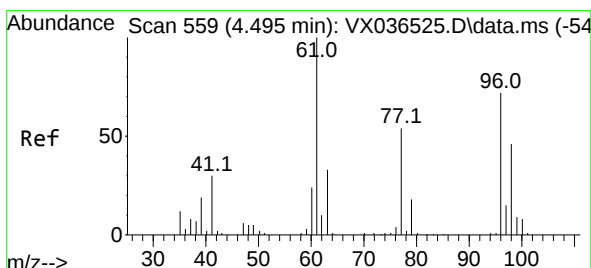
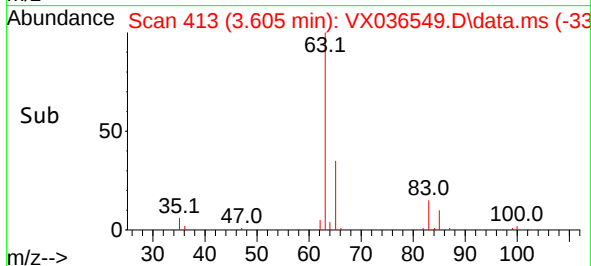
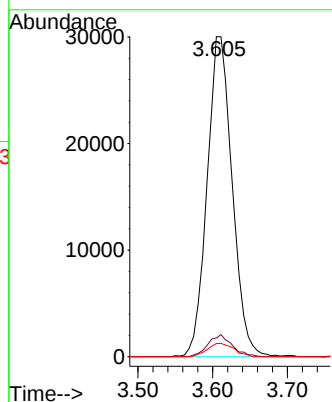
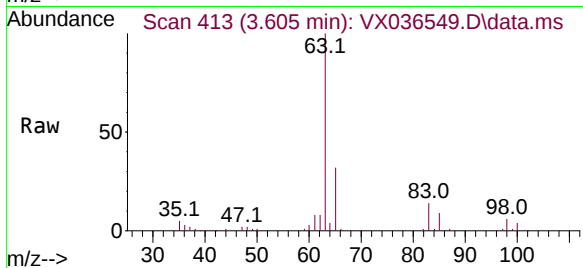
Tgt Ion: 63 Resp: 70097

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 4.1 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 17.197 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

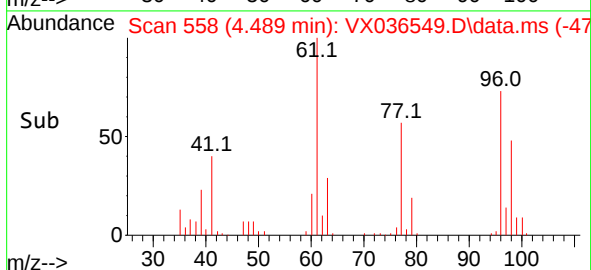
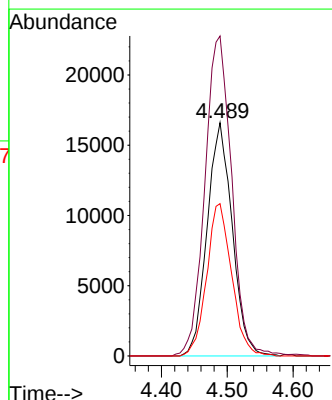
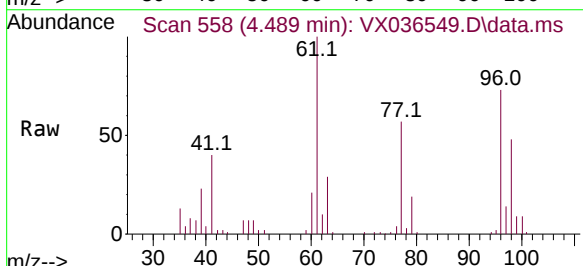
Tgt Ion: 96 Resp: 44115

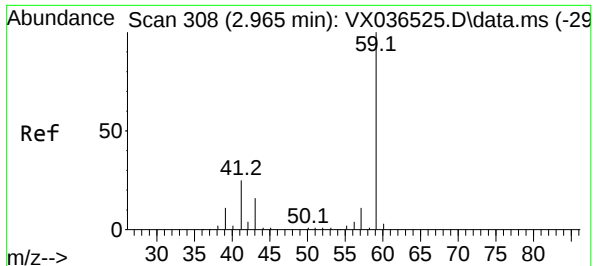
Ion Ratio Lower Upper

96 100

61 145.6 114.0 171.0

98 64.8 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 81.372 ug/l

RT: 2.971 min Scan# 309

Delta R.T. 0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

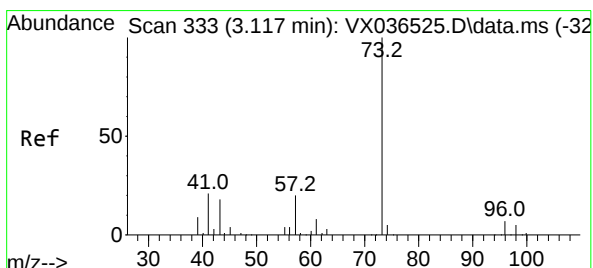
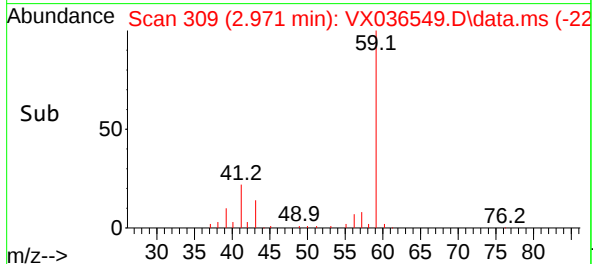
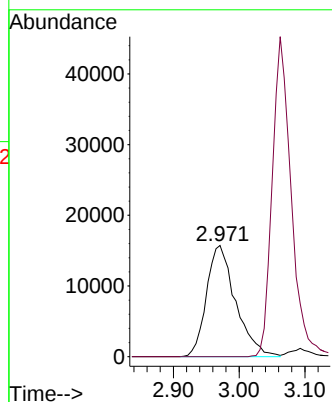
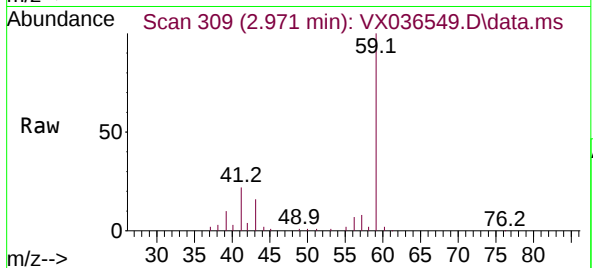
VX0715WBS01

Tgt Ion: 59 Resp: 48548

Ion Ratio Lower Upper

59 100

52 0.0 142.6 213.8#



#24

Methyl tert-Butyl Ether

Concen: 17.858 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX036549.D

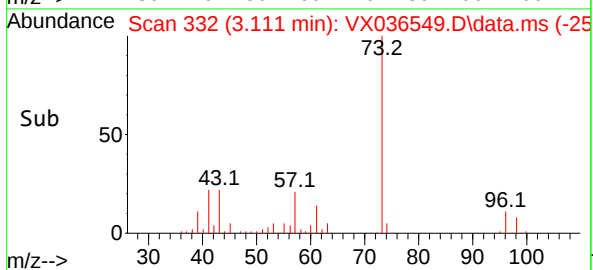
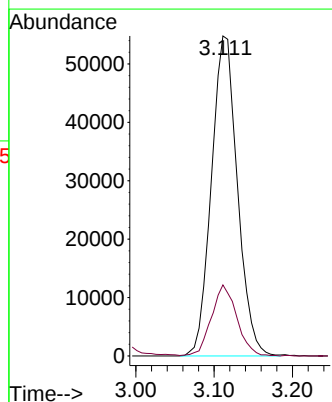
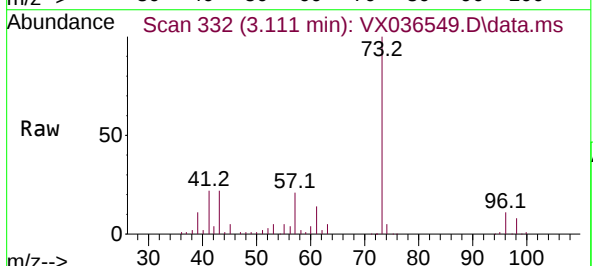
Acq: 14 Jul 2023 09:17

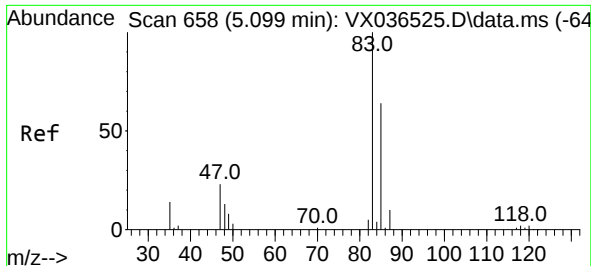
Tgt Ion: 73 Resp: 126633

Ion Ratio Lower Upper

73 100

43 21.6 16.8 25.2





#25

Chloroform

Concen: 17.791 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

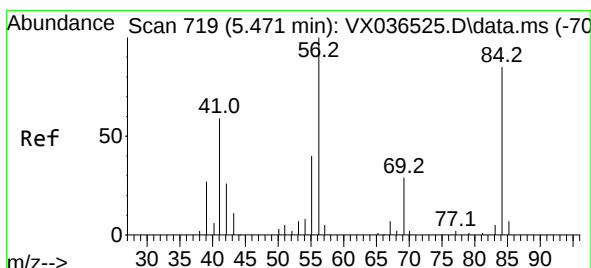
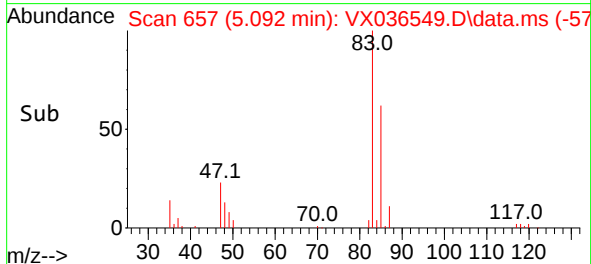
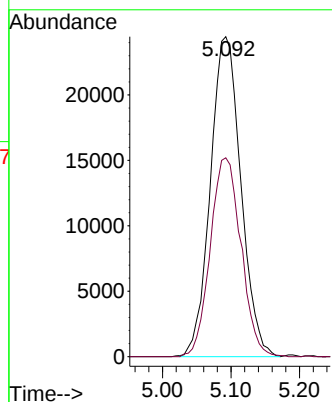
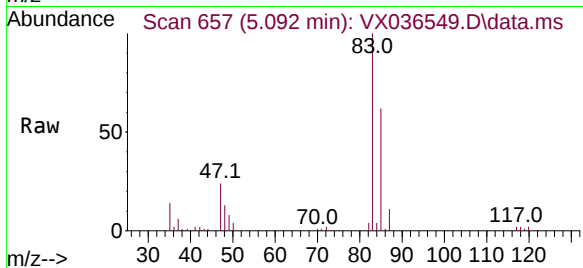
VX0715WBS01

Tgt Ion: 83 Resp: 75602

Ion Ratio Lower Upper

83 100

85 62.2 51.5 77.3



#26

Cyclohexane

Concen: 15.793 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

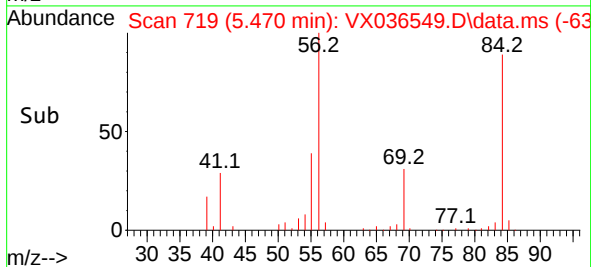
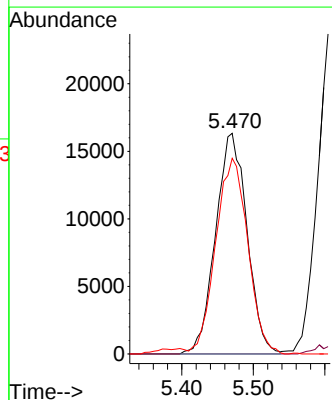
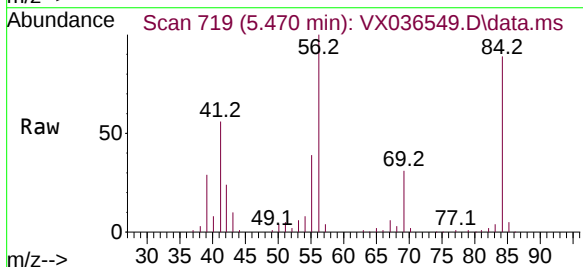
Tgt Ion: 56 Resp: 49800

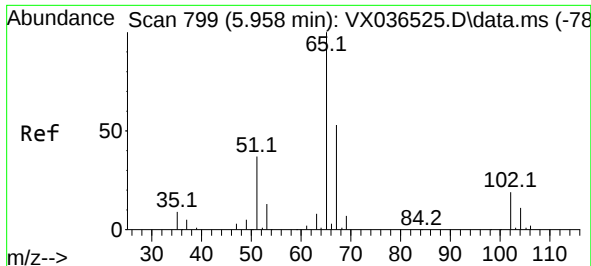
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.7 71.4 107.2

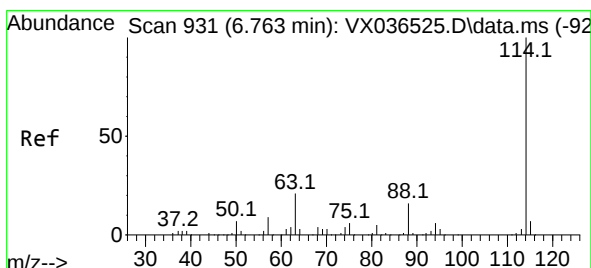
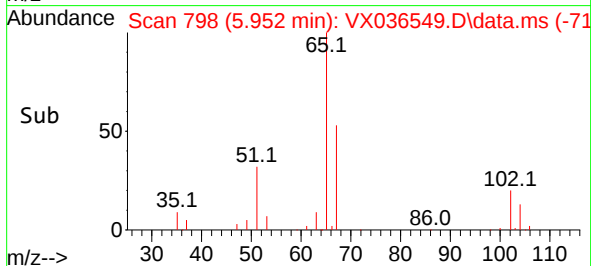
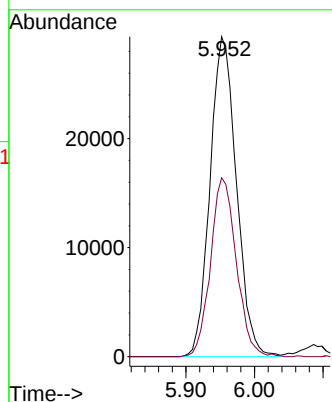
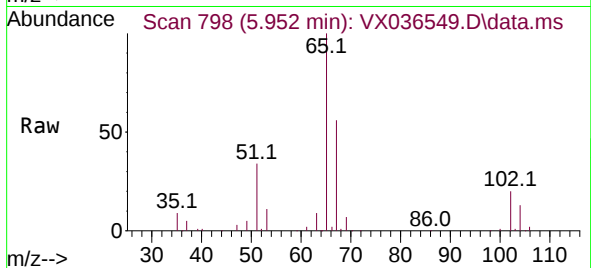




#27  
 1,2-Dichloroethane-d4  
 Concen: 28.423 ug/l  
 RT: 5.952 min Scan# 799  
 Delta R.T. -0.006 min  
 Lab File: VX036549.D  
 Acq: 14 Jul 2023 09:17

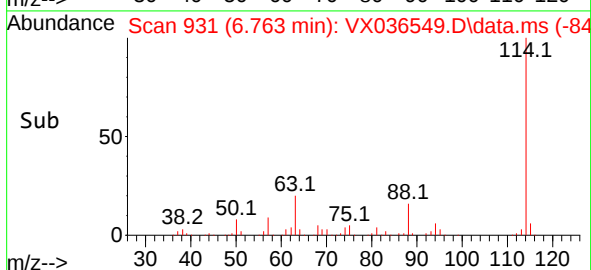
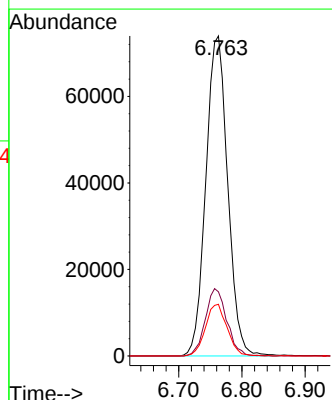
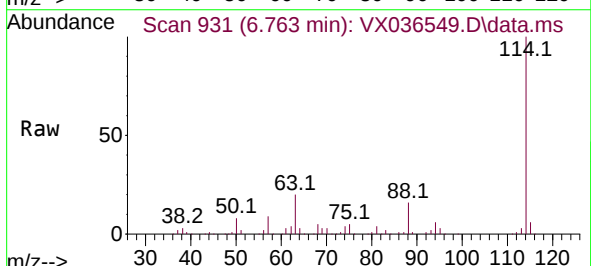
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0715WBS01

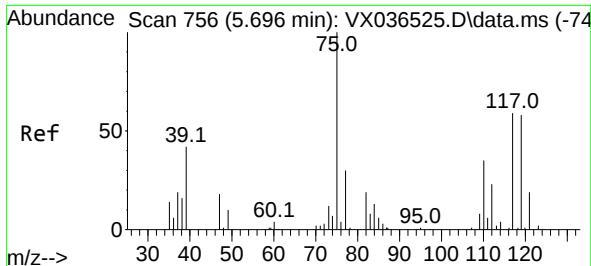
Tgt Ion: 65 Resp: 78606  
 Ion Ratio Lower Upper  
 65 100  
 67 54.3 42.1 63.1



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX036549.D  
 Acq: 14 Jul 2023 09:17

Tgt Ion: 114 Resp: 177854  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 16.6 24.8  
 88 16.0 12.9 19.3





#29

1,1-Dichloropropene

Concen: 17.933 ug/l

RT: 5.696 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0715WBS01

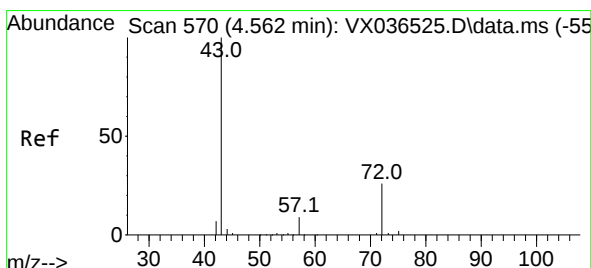
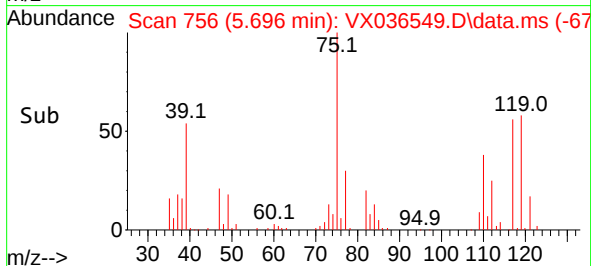
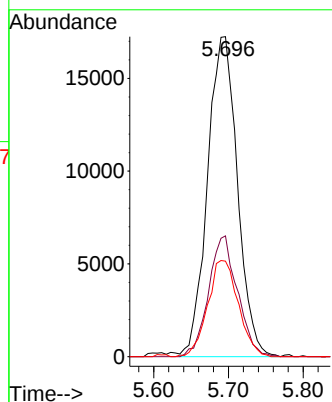
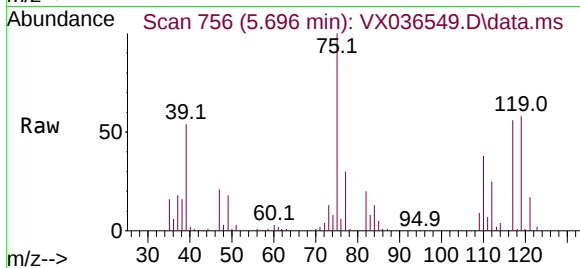
Tgt Ion: 75 Resp: 48096

Ion Ratio Lower Upper

75 100

110 36.5 0.0 70.4

77 30.7 0.0 62.8



#30

2-Butanone

Concen: 92.219 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

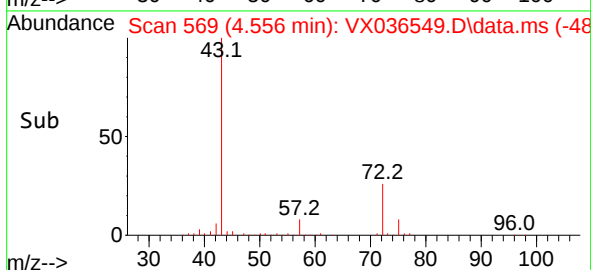
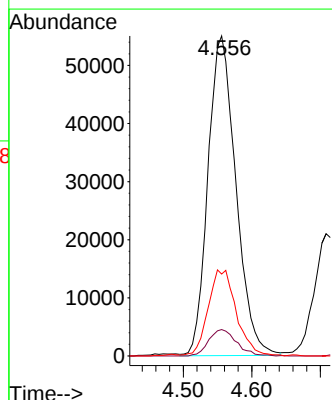
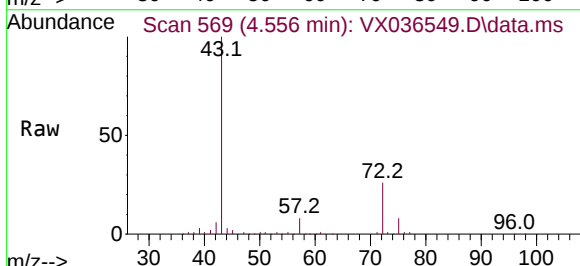
Tgt Ion: 43 Resp: 155730

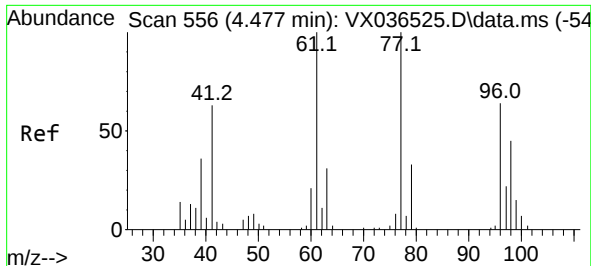
Ion Ratio Lower Upper

43 100

57 8.2 6.4 9.6

72 27.1 21.6 32.4

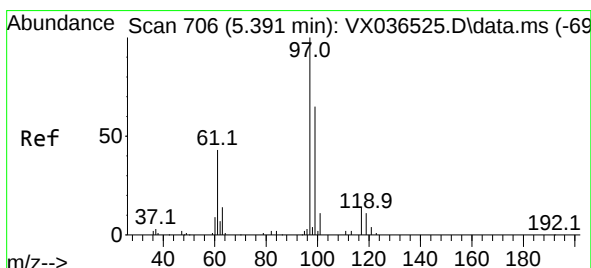
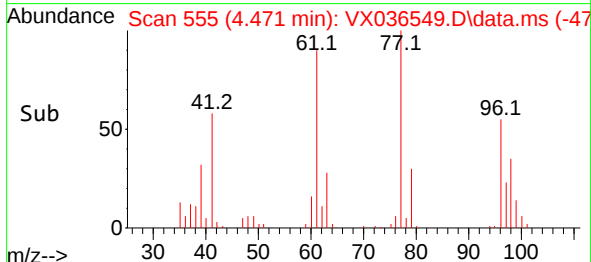
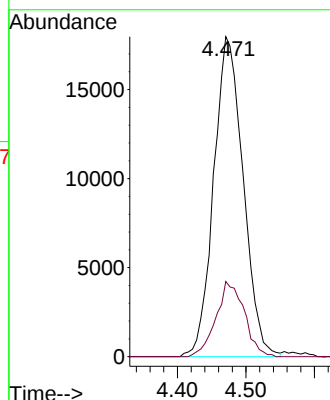
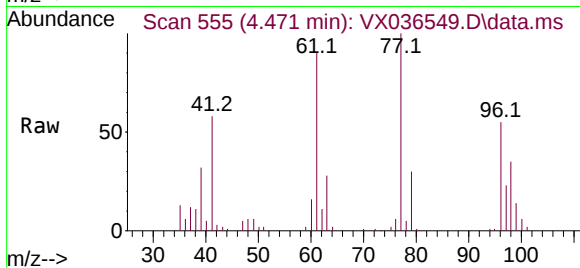




#31  
2,2-Dichloropropane  
Concen: 18.237 ug/l  
RT: 4.471 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

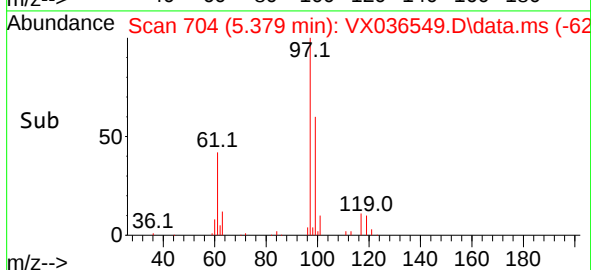
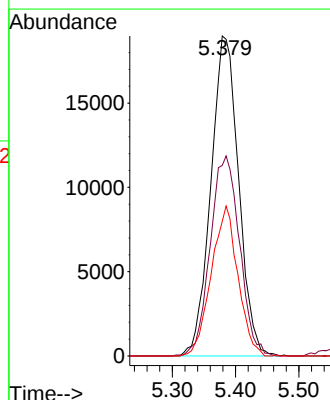
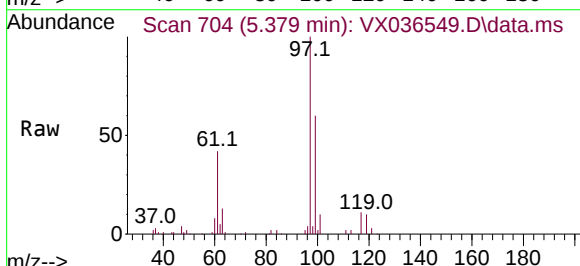
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

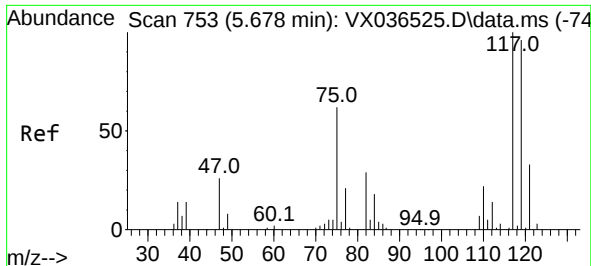
Tgt Ion: 77 Resp: 53637  
Ion Ratio Lower Upper  
77 100  
97 22.5 18.6 27.8



#32  
1,1,1-Trichloroethane  
Concen: 18.167 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.012 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 97 Resp: 57895  
Ion Ratio Lower Upper  
97 100  
99 65.9 51.5 77.3  
61 44.8 35.8 53.8

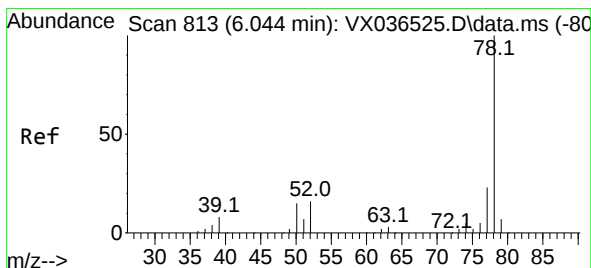
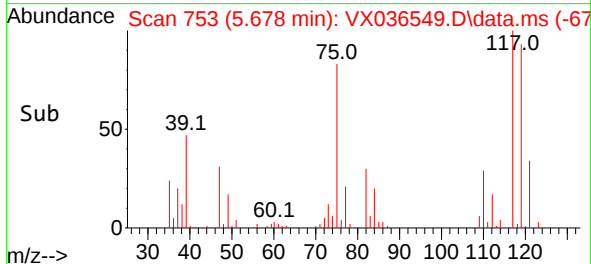
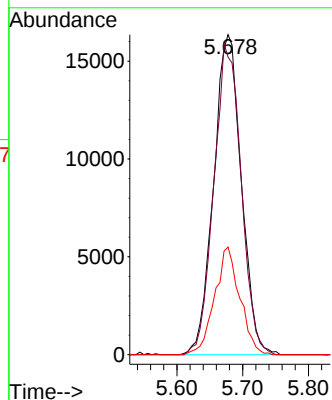
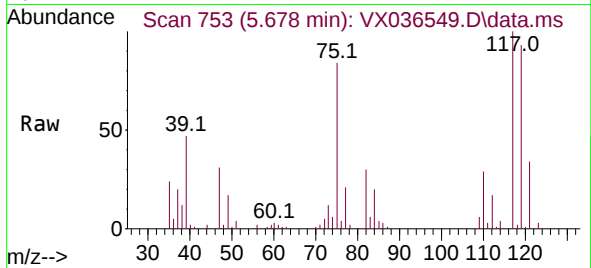




#33  
Carbon Tetrachloride  
Concen: 17.590 ug/l  
RT: 5.678 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

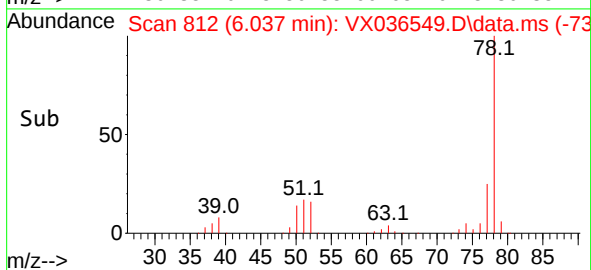
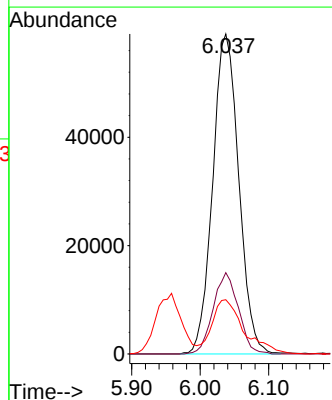
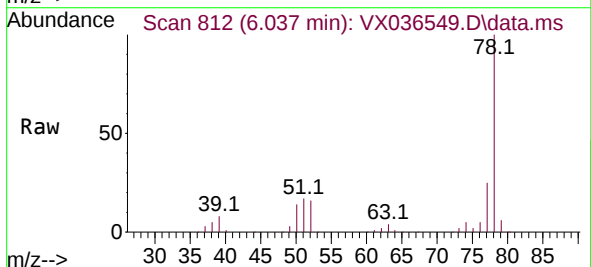
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

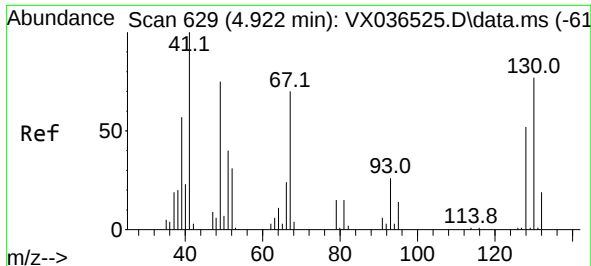
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:117 | Resp: | 47824       |
| Ion         | Ratio | Lower Upper |
| 117         | 100   |             |
| 119         | 93.0  | 76.6 115.0  |
| 121         | 33.7  | 26.5 39.7   |



#34  
Benzene  
Concen: 18.865 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 78 | Resp: | 155956      |
| Ion         | Ratio | Lower Upper |
| 78          | 100   |             |
| 77          | 25.4  | 18.7 28.1   |
| 51          | 16.0  | 14.2 21.4   |



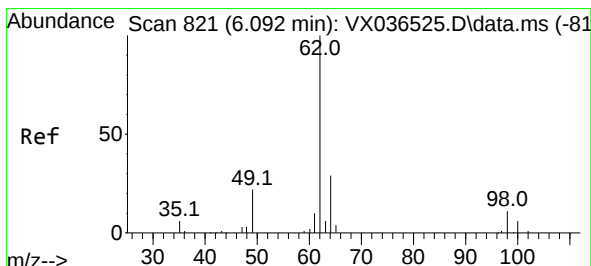
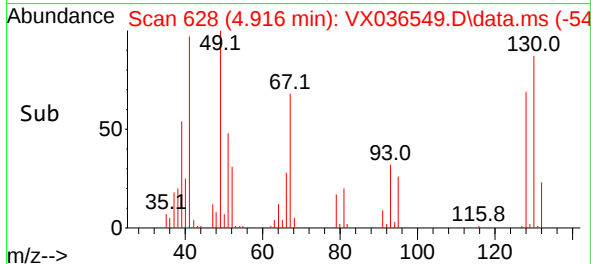
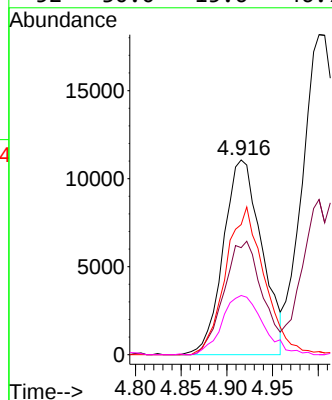
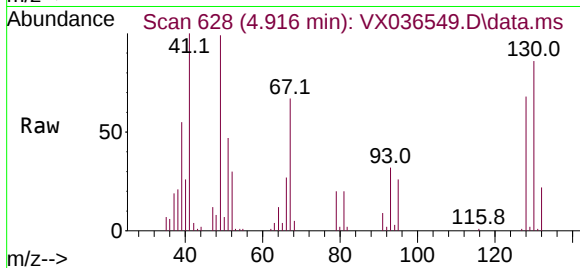


#35  
Methacrylonitrile  
Concen: 18.499 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

Tgt Ion: 41 Resp: 32412

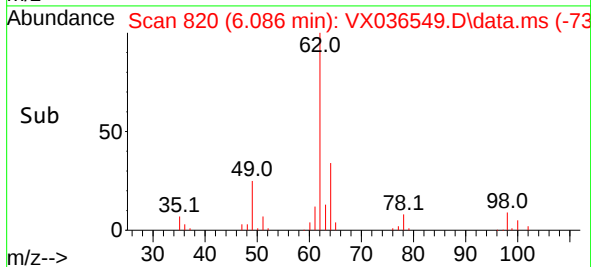
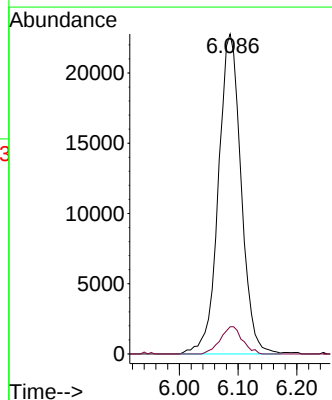
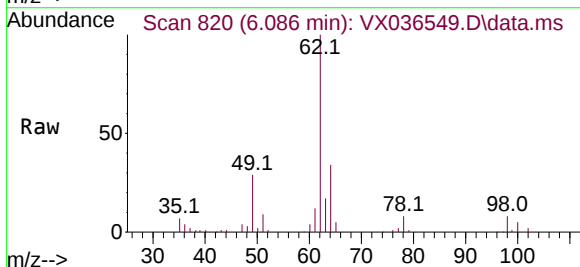
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.0  | 28.2  | 84.7  |
| 67  | 66.8  | 35.0  | 105.1 |
| 52  | 30.0  | 15.6  | 46.7  |

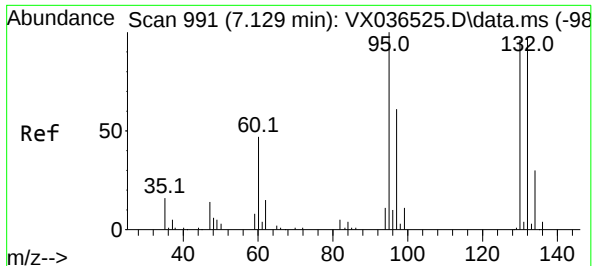


#36  
1,2-Dichloroethane  
Concen: 19.263 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 62 Resp: 61145

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.3   | 7.0   | 10.6  |





#37

Trichloroethene

Concen: 17.673 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

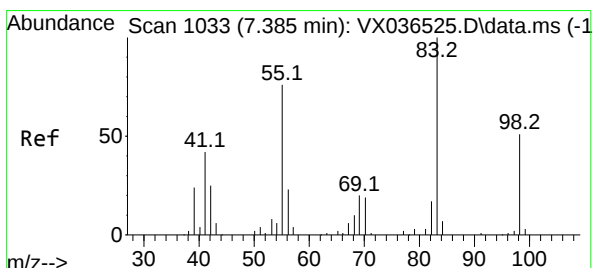
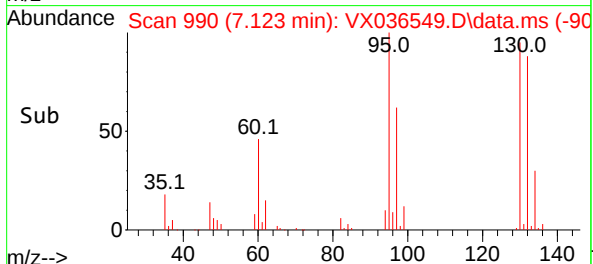
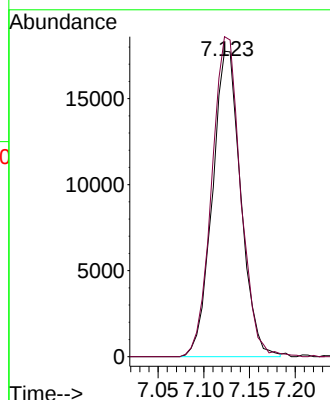
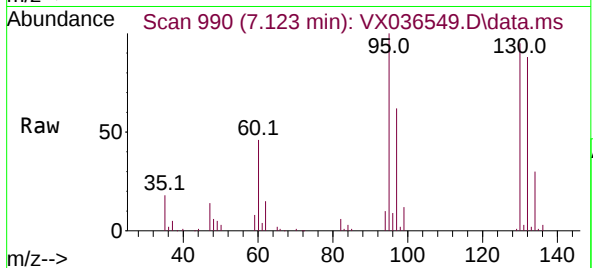
VX0715WBS01

Tgt Ion:130 Resp: 38453

Ion Ratio Lower Upper

130 100

95 104.8 83.2 124.8



#38

Methylcyclohexane

Concen: 17.075 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

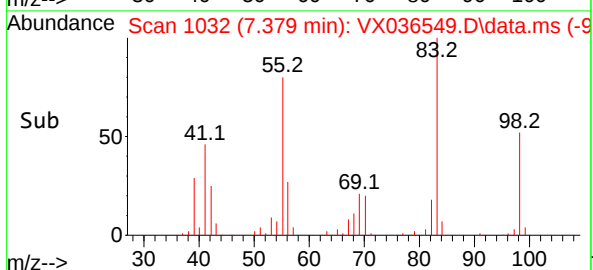
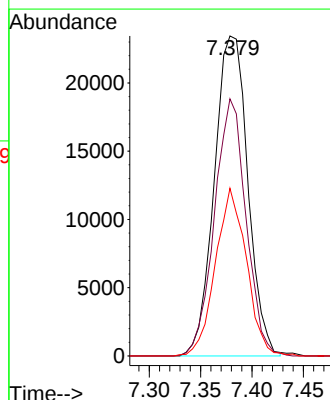
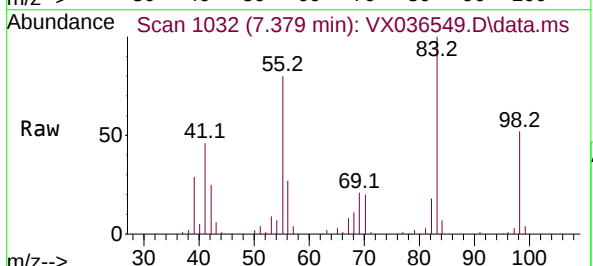
Tgt Ion: 83 Resp: 53276

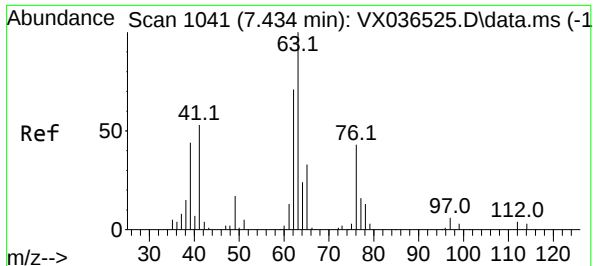
Ion Ratio Lower Upper

83 100

55 75.6 38.1 114.5

98 48.4 24.4 73.4





#39

1,2-Dichloropropane

Concen: 19.280 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

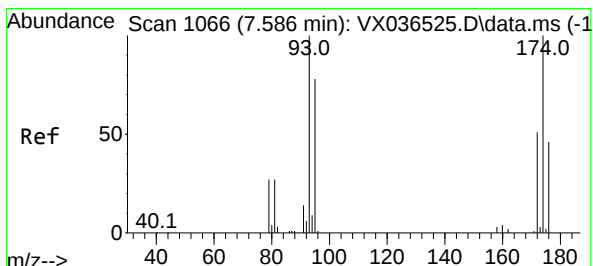
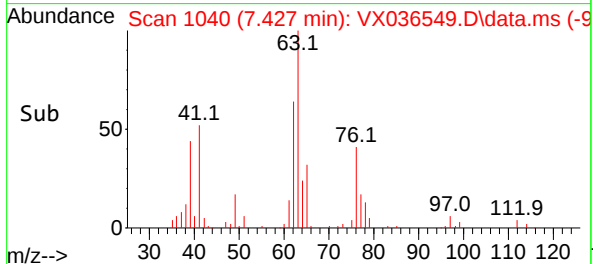
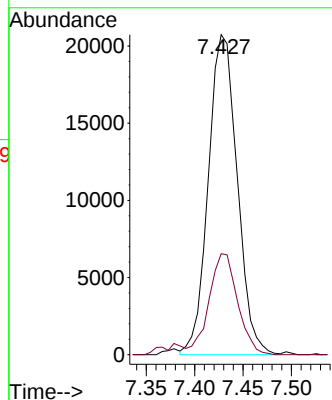
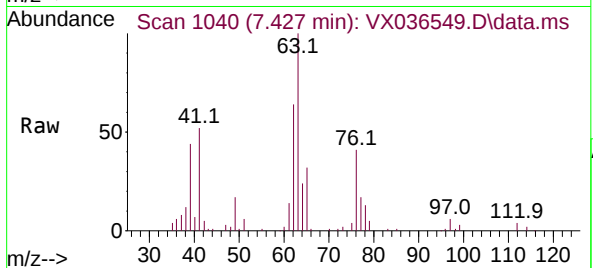
VX0715WBS01

Tgt Ion: 63 Resp: 43204

Ion Ratio Lower Upper

63 100

65 31.6 26.4 39.6



#40

Dibromomethane

Concen: 19.086 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

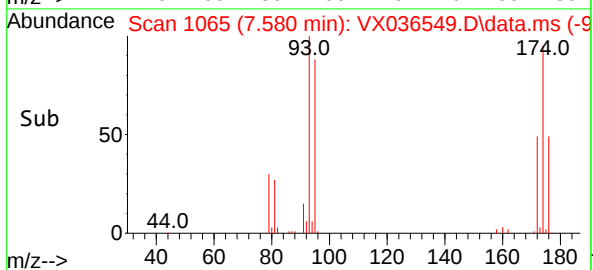
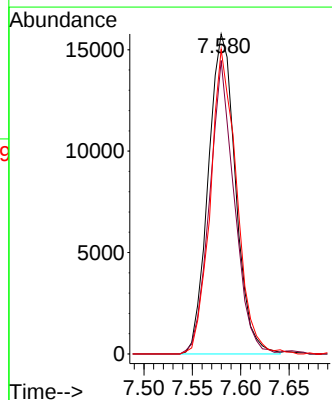
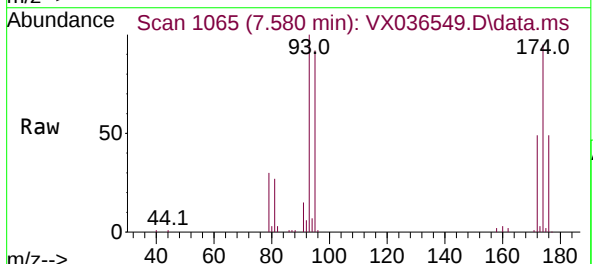
Tgt Ion: 93 Resp: 30979

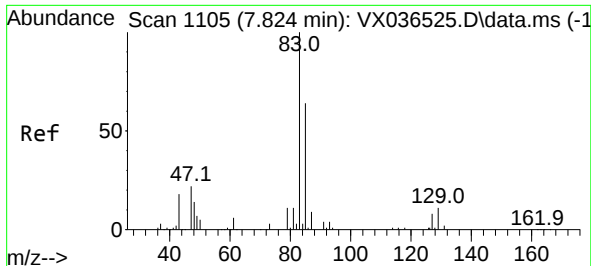
Ion Ratio Lower Upper

93 100

95 83.0 0.0 166.8

174 90.8 0.0 191.6

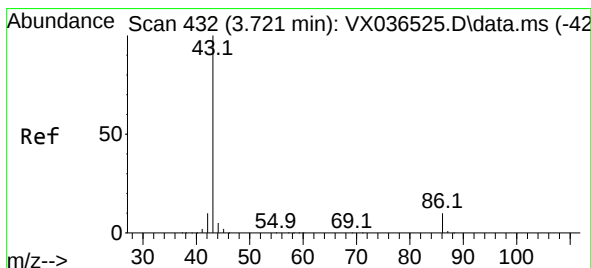
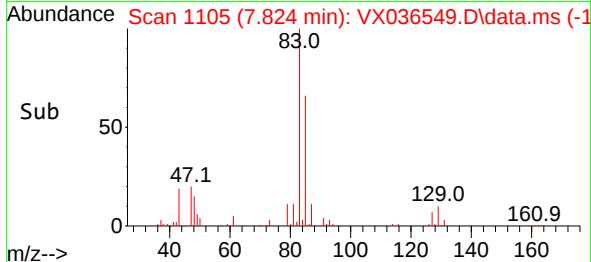
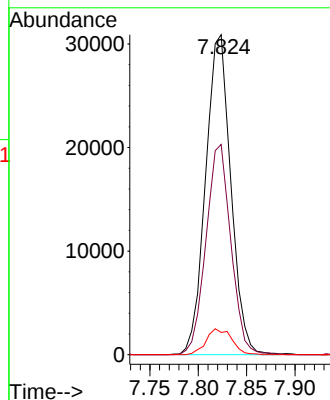
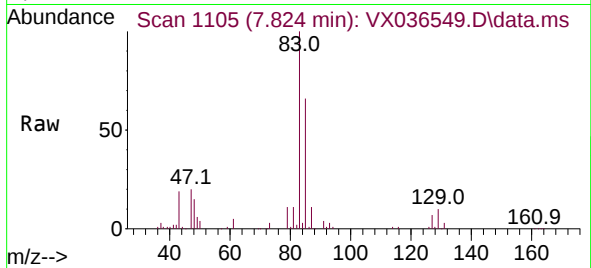




#41  
Bromodichloromethane  
Concen: 19.040 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

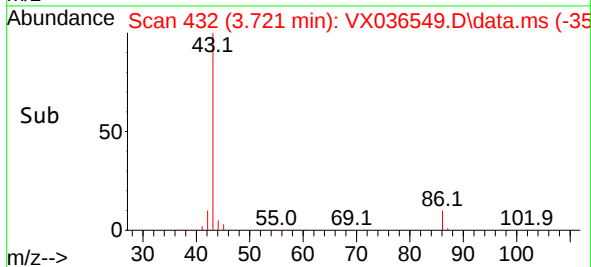
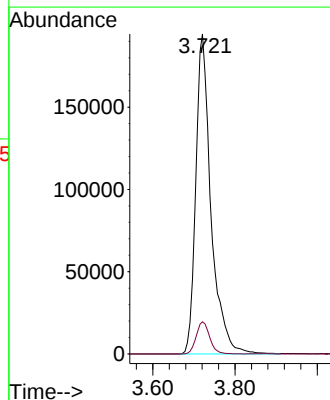
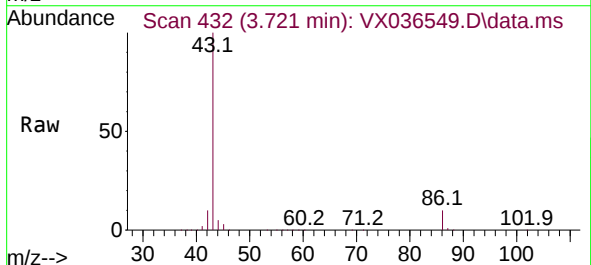
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

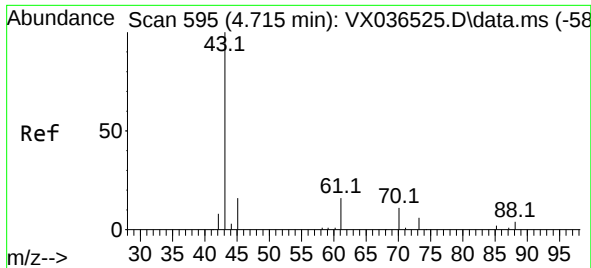
Tgt Ion: 83 Resp: 56090  
Ion Ratio Lower Upper  
83 100  
85 65.6 51.5 77.3  
127 7.0 6.4 9.6



#42  
Vinyl Acetate  
Concen: 97.709 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 43 Resp: 498387  
Ion Ratio Lower Upper  
43 100  
86 8.9 7.4 11.0

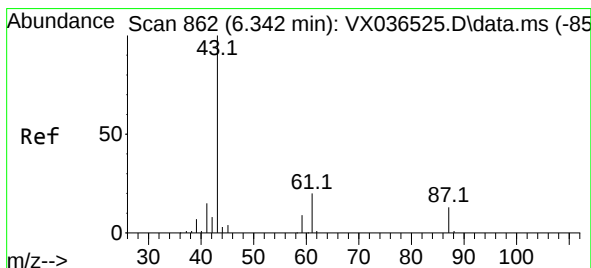
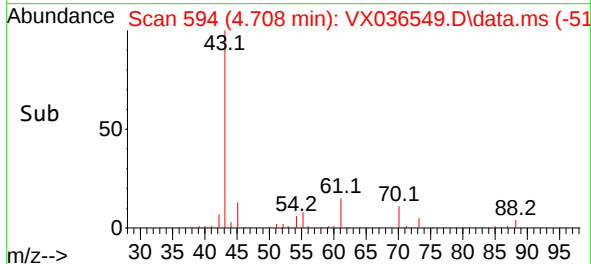
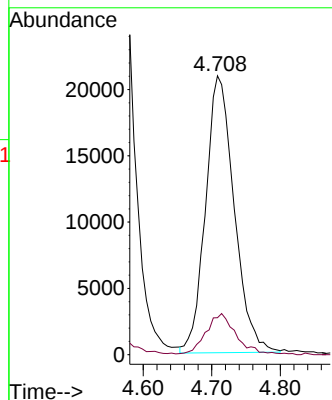
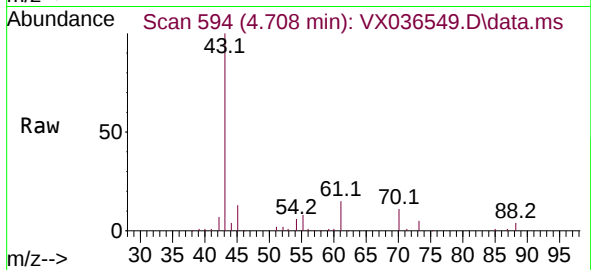




#43  
Ethyl Acetate  
Concen: 18.468 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

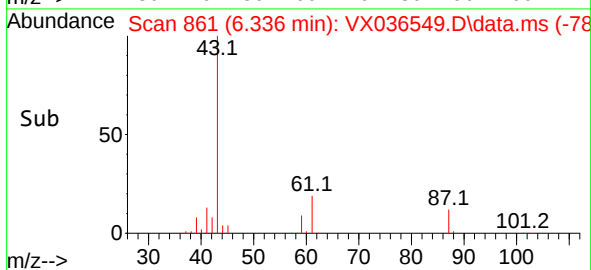
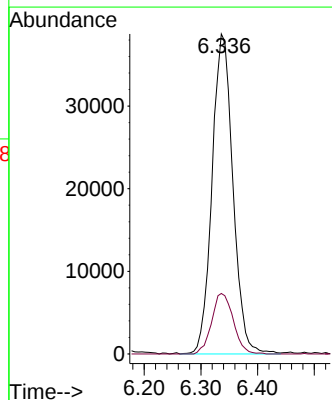
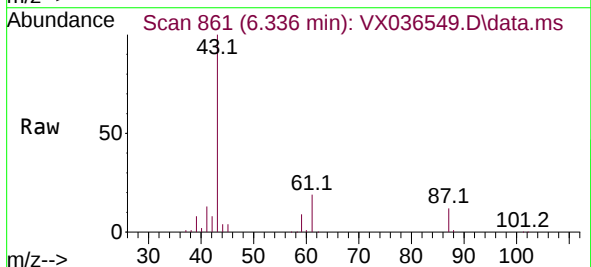
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

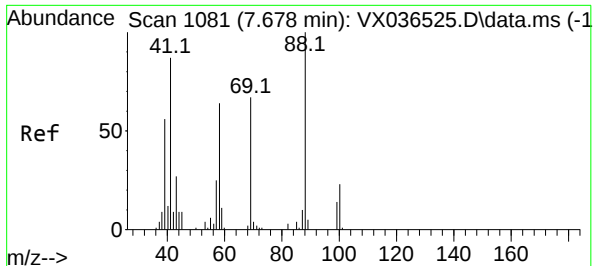
Tgt Ion: 43 Resp: 60705  
Ion Ratio Lower Upper  
43 100  
45 13.9 12.6 18.8



#44  
Isopropyl Acetate  
Concen: 18.898 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 43 Resp: 99065  
Ion Ratio Lower Upper  
43 100  
61 19.5 15.4 23.0

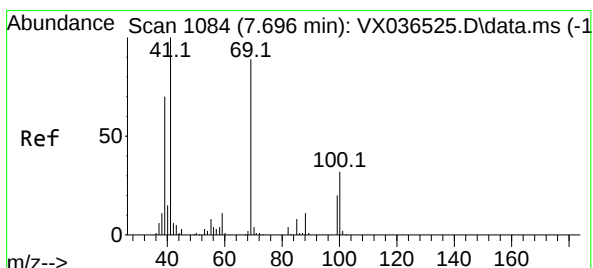
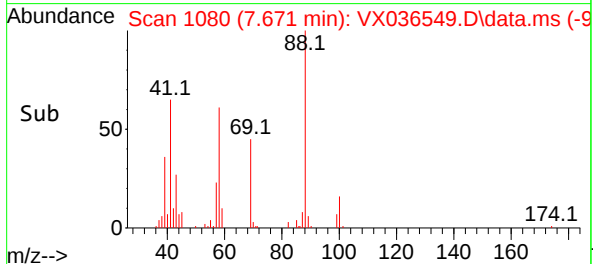
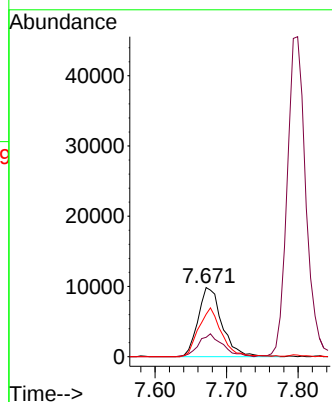
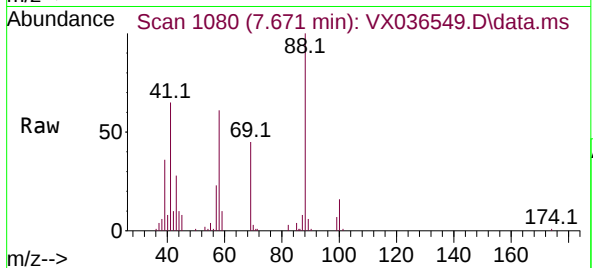




#45  
1,4-Dioxane  
Concen: 381.842 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

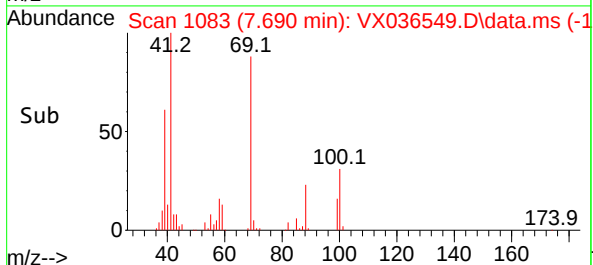
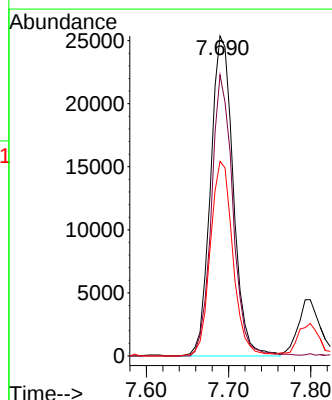
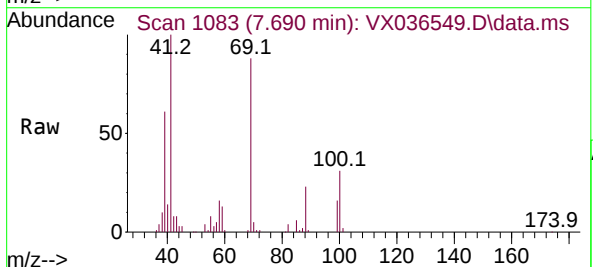
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

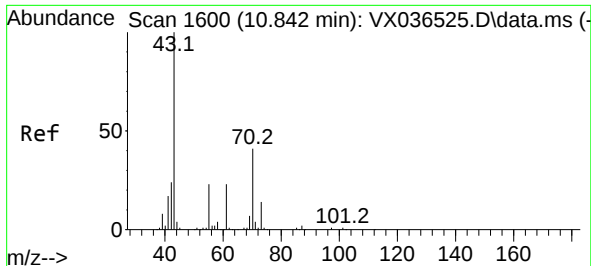
Tgt Ion: 88 Resp: 22721  
Ion Ratio Lower Upper  
88 100  
43 33.1 297.5 446.3#  
58 67.7 1.0 1.4#



#46  
Methyl methacrylate  
Concen: 19.427 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 41 Resp: 48673  
Ion Ratio Lower Upper  
41 100  
69 87.9 44.4 133.1  
39 60.8 34.9 104.7

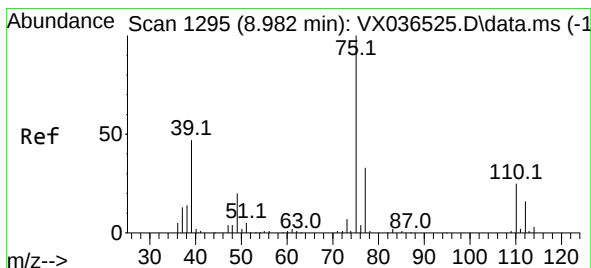
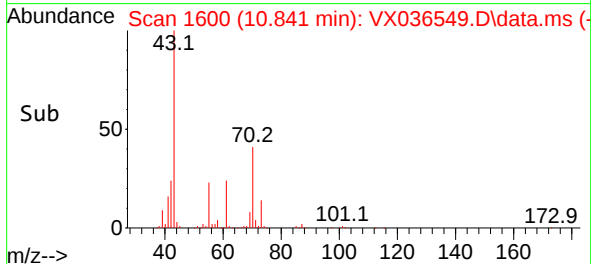
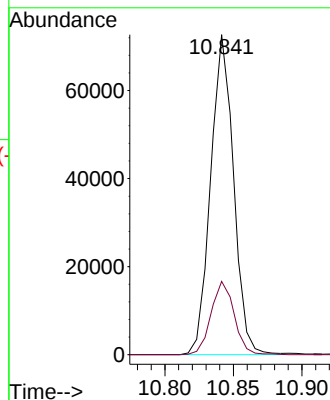
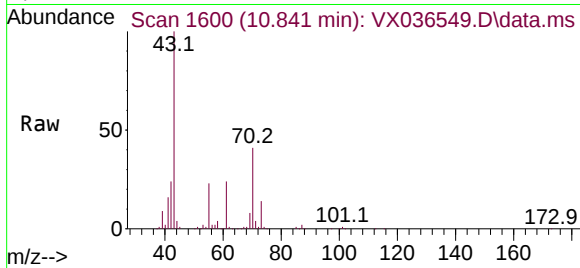




#47  
n-amy1 Acetate  
Concen: 18.966 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

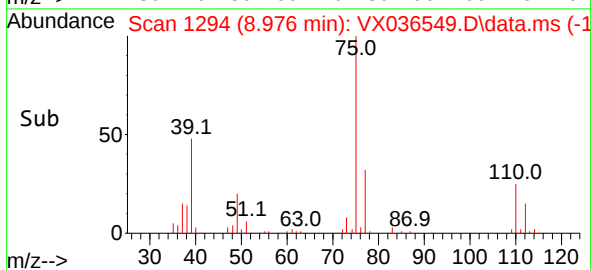
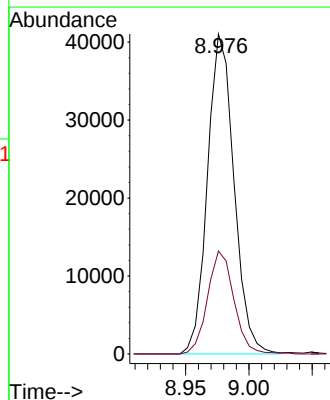
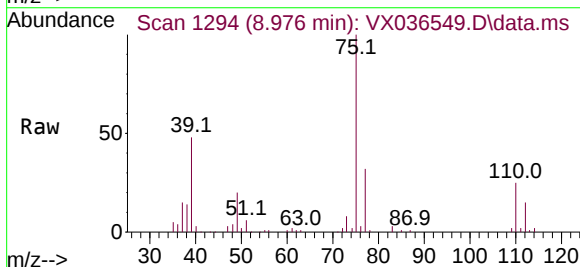
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

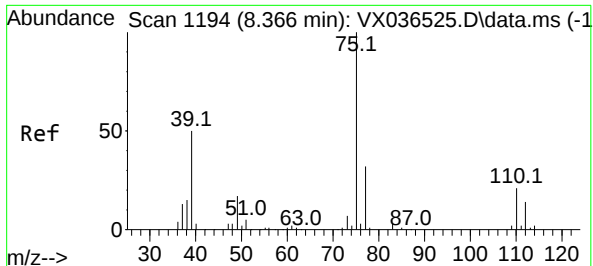
Tgt Ion: 43 Resp: 84331  
Ion Ratio Lower Upper  
43 100  
55 23.2 18.6 28.0



#48  
t-1,3-Dichloropropene  
Concen: 18.545 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 75 Resp: 59920  
Ion Ratio Lower Upper  
75 100  
77 32.2 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.776 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0715WBS01

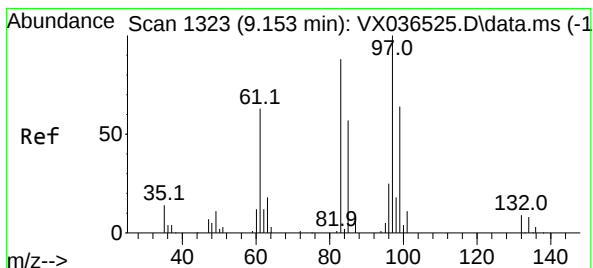
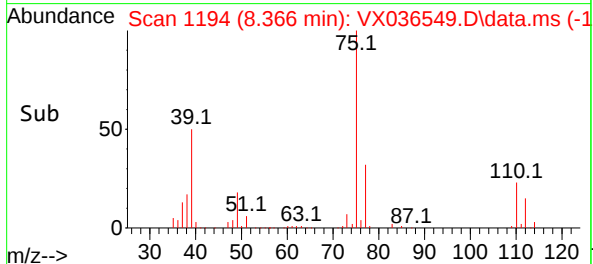
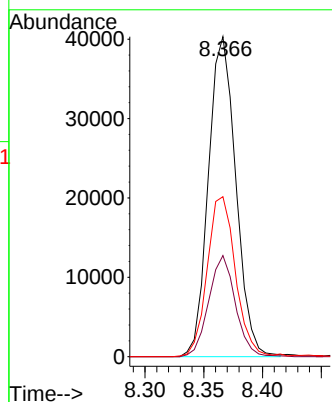
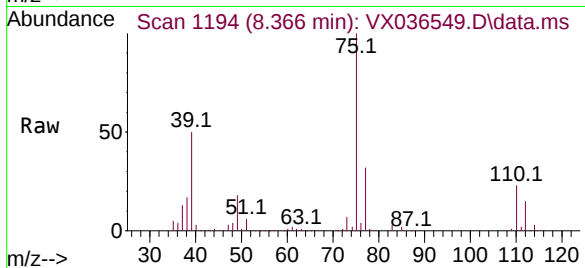
Tgt Ion: 75 Resp: 65531

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 49.8 40.2 60.4



#50

1,1,2-Trichloroethane

Concen: 19.619 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Tgt Ion: 97 Resp: 43228

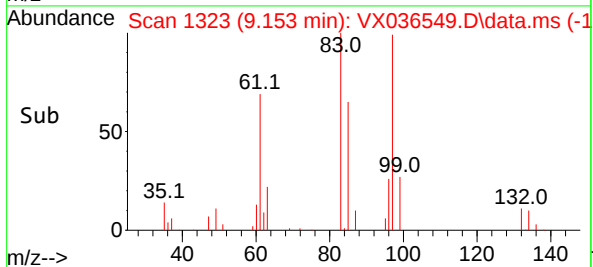
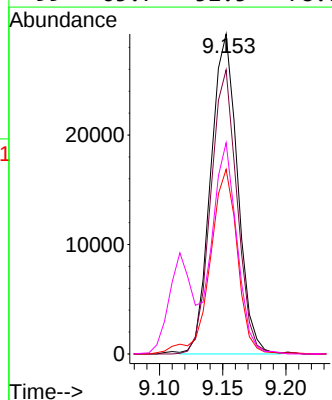
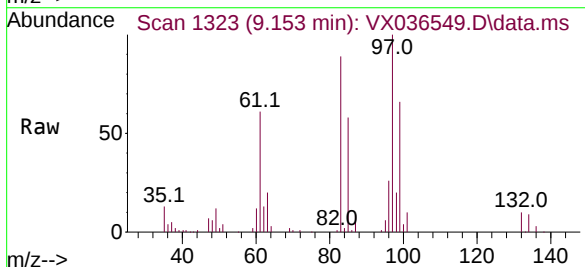
Ion Ratio Lower Upper

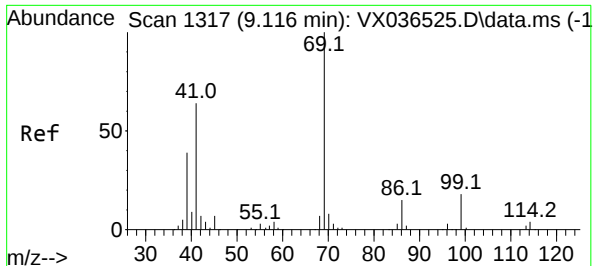
97 100

83 88.9 70.0 105.0

85 57.6 46.1 69.1

99 65.7 52.5 78.7

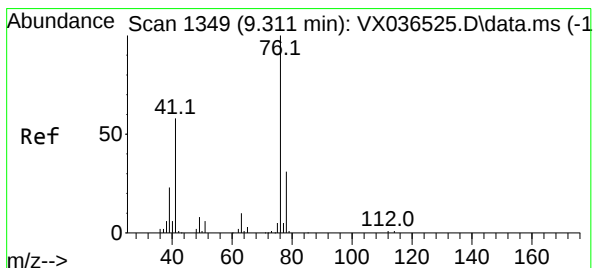
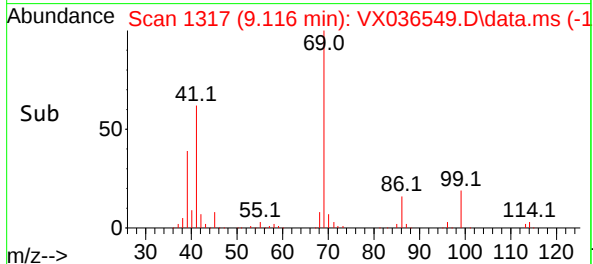
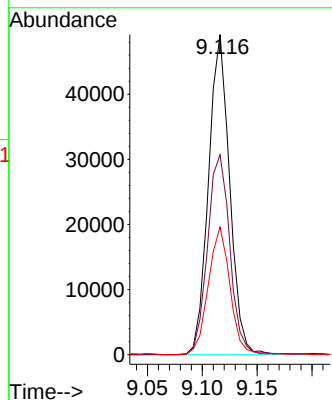
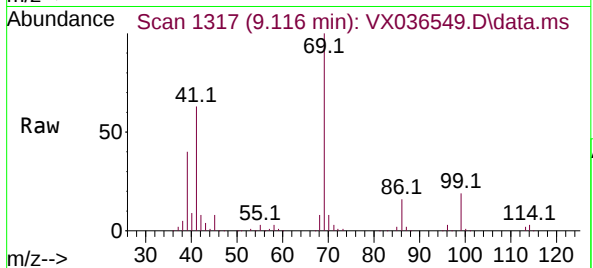




#51  
Ethyl methacrylate  
Concen: 19.054 ug/l  
RT: 9.116 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

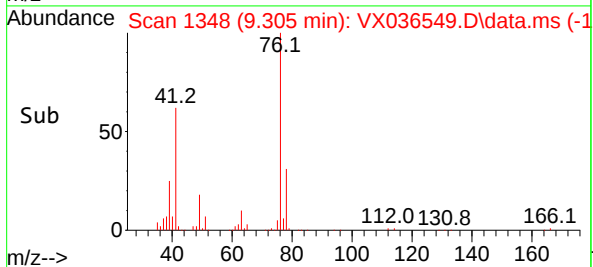
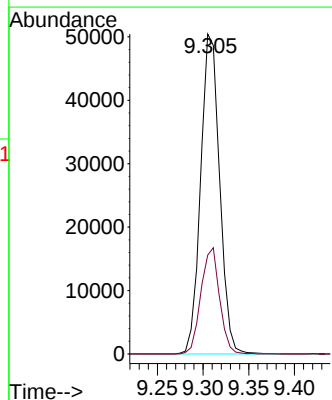
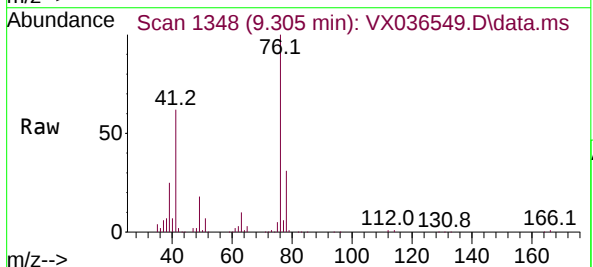
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

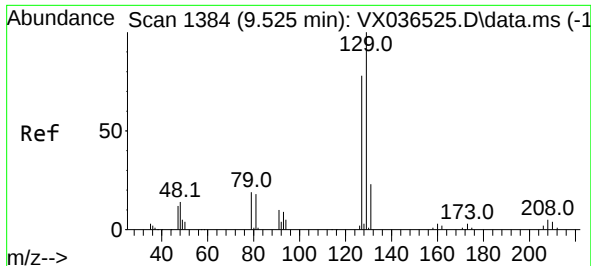
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 65915 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.4  | 32.0  | 96.0  |
| 39       | 39.9  | 19.4  | 58.4  |



#52  
1,3-Dichloropropane  
Concen: 19.562 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 72740 |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 32.5  | 0.0   | 63.6  |

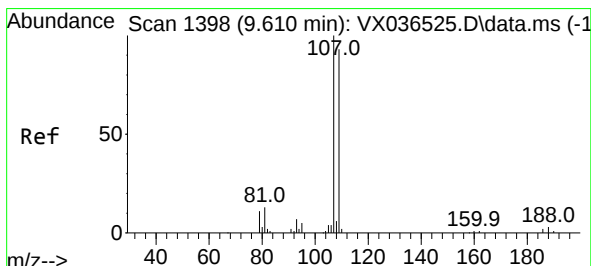
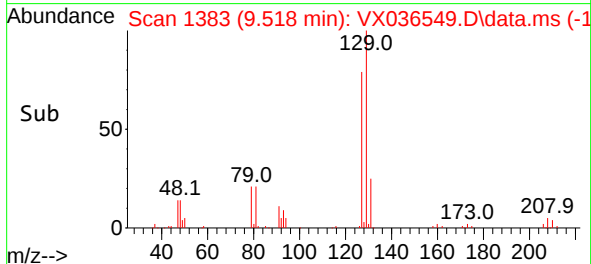
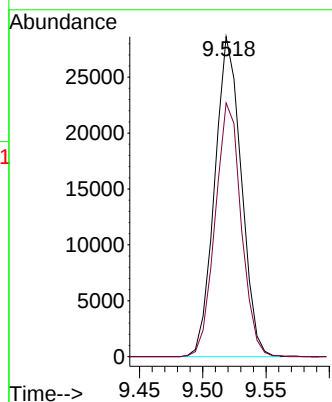
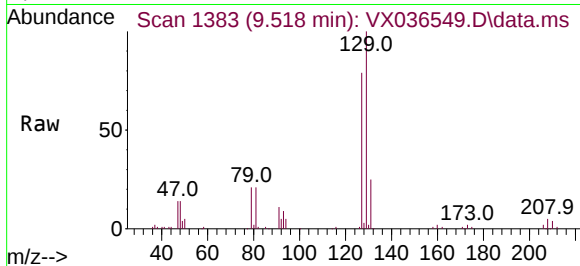




#53  
Dibromochloromethane  
Concen: 18.794 ug/l  
RT: 9.518 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

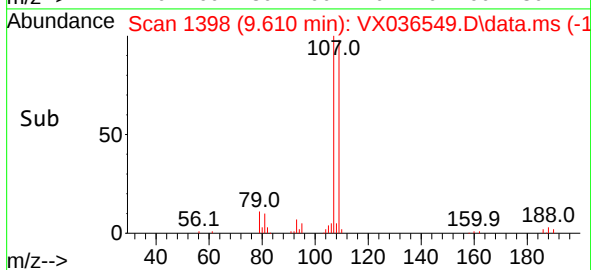
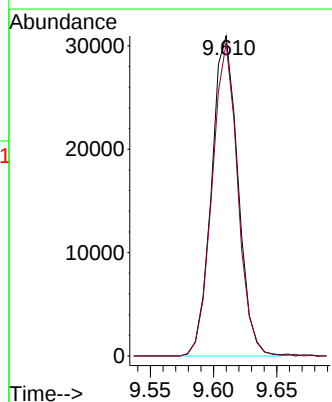
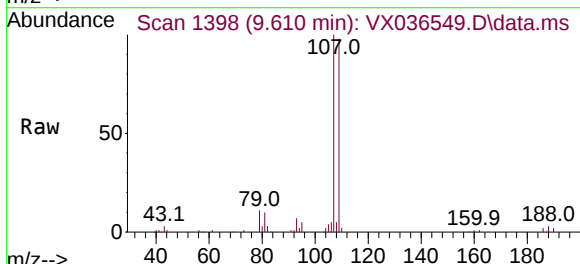
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

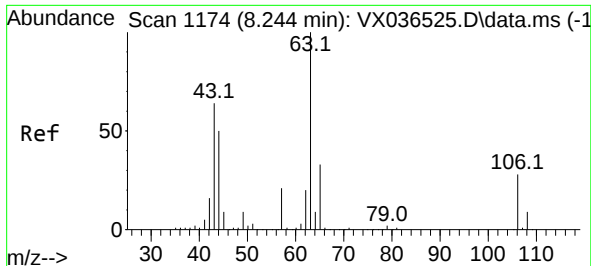
Tgt Ion:129 Resp: 41798  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 115.8



#54  
1,2-Dibromoethane  
Concen: 19.366 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion:107 Resp: 44826  
Ion Ratio Lower Upper  
107 100  
109 95.0 74.7 112.1

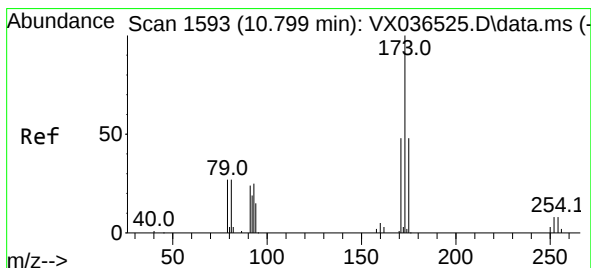
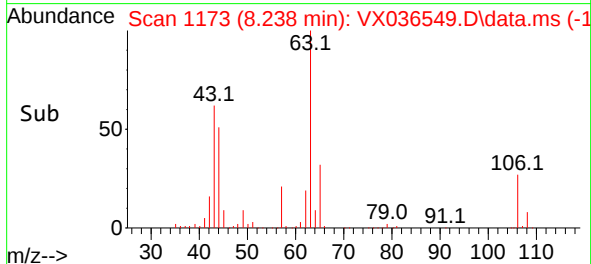
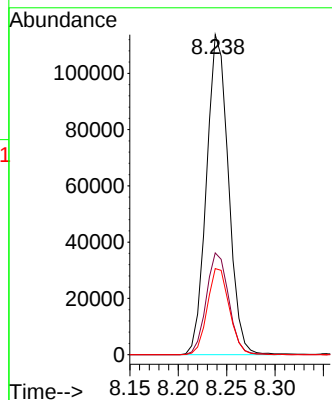
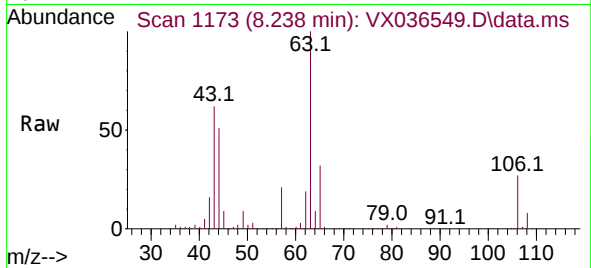




#55  
2-Chloroethyl vinyl ether  
Concen: 96.466 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

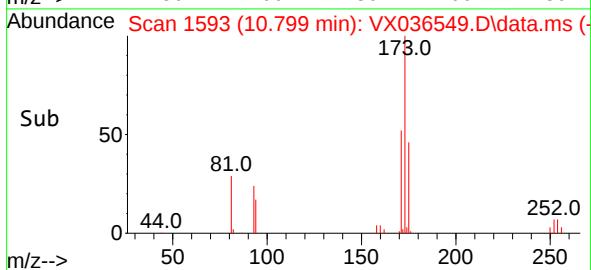
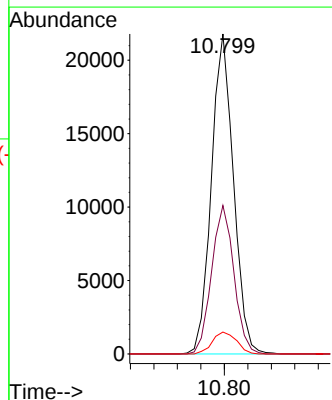
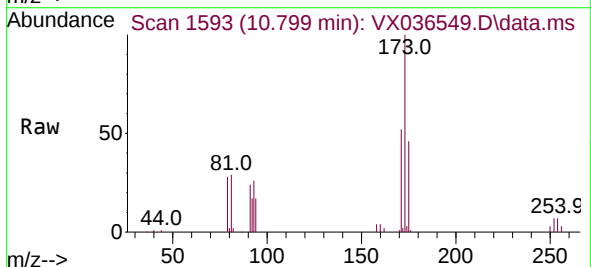
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

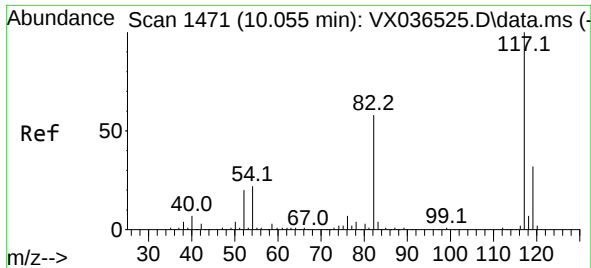
Tgt Ion: 63 Resp: 179472  
Ion Ratio Lower Upper  
63 100  
65 32.5 25.9 38.9  
106 27.1 21.8 32.8



#56  
Bromoform  
Concen: 18.384 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 173 Resp: 28446  
Ion Ratio Lower Upper  
173 100  
175 46.9 38.1 57.1  
254 7.5 6.7 10.1

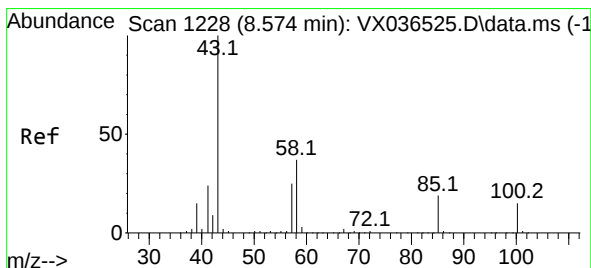
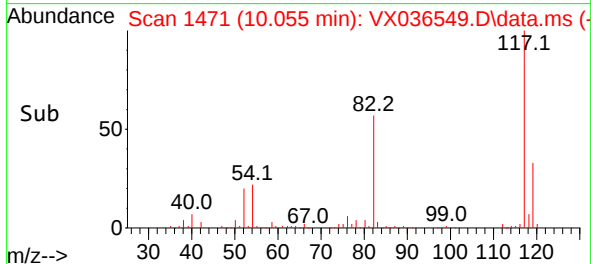
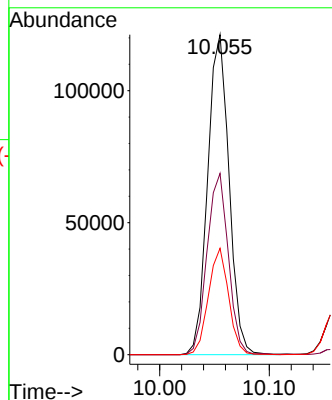
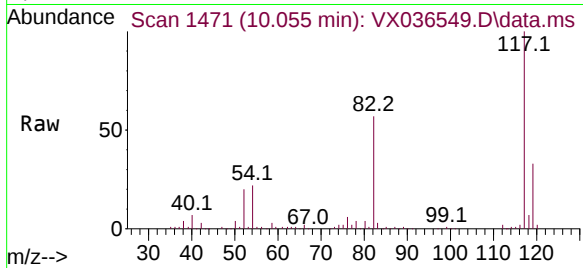




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

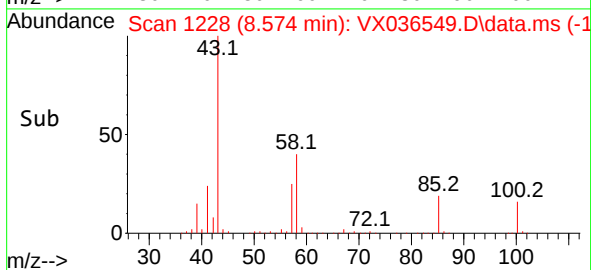
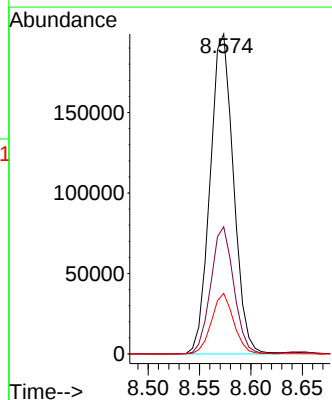
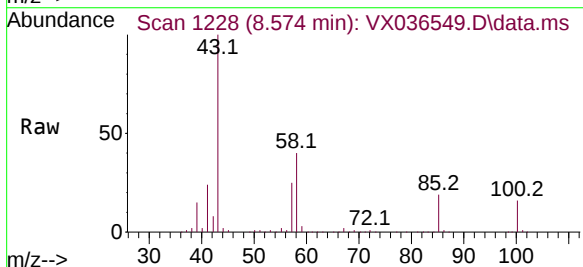
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

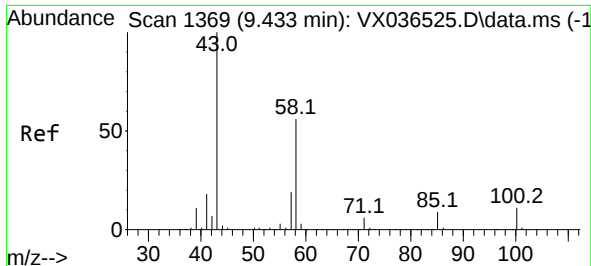
Tgt Ion:117 Resp: 164336  
Ion Ratio Lower Upper  
117 100  
82 56.2 44.7 67.1  
119 31.5 25.6 38.4



#58  
4-Methyl-2-Pentanone  
Concen: 92.608 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 43 Resp: 314703  
Ion Ratio Lower Upper  
43 100  
58 39.2 30.9 46.3  
85 18.0 14.4 21.6





#59

2-Hexanone

Concen: 92.313 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0715WBS01

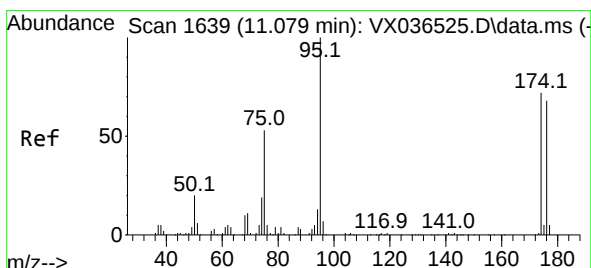
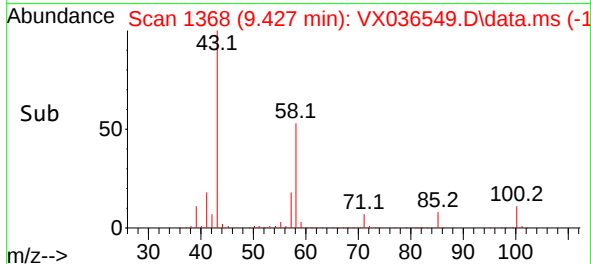
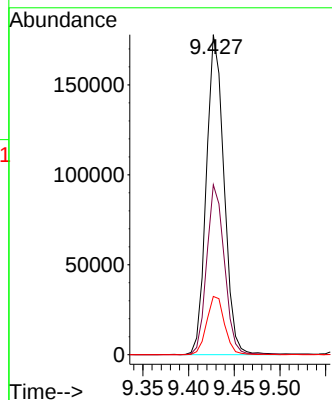
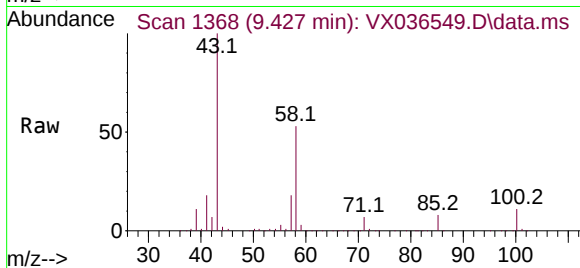
Tgt Ion: 43 Resp: 238654

Ion Ratio Lower Upper

43 100

58 53.0 43.4 65.2

57 18.4 15.1 22.7



#60

4-Bromofluorobenzene

Concen: 29.457 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

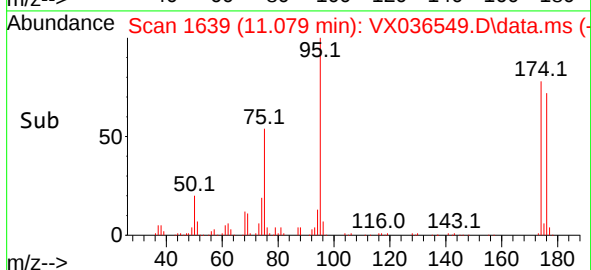
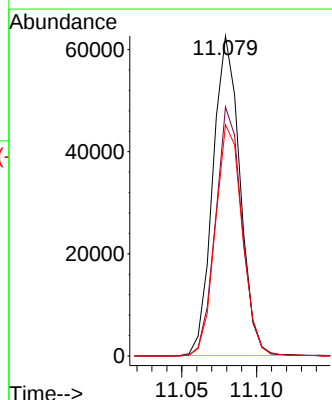
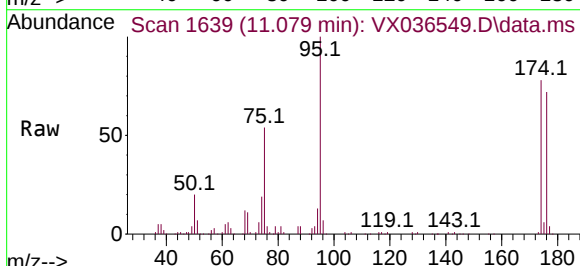
Tgt Ion: 95 Resp: 78524

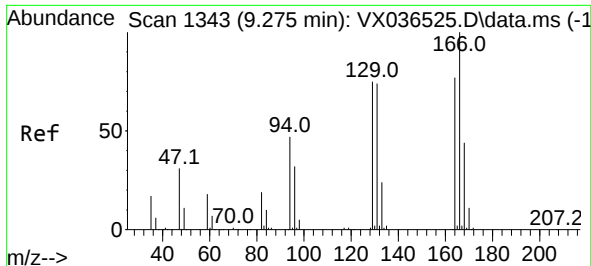
Ion Ratio Lower Upper

95 100

174 76.3 60.5 90.7

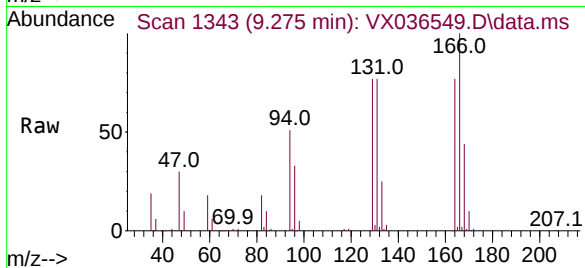
176 72.4 58.2 87.4



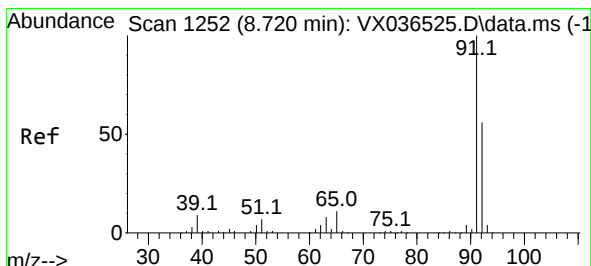
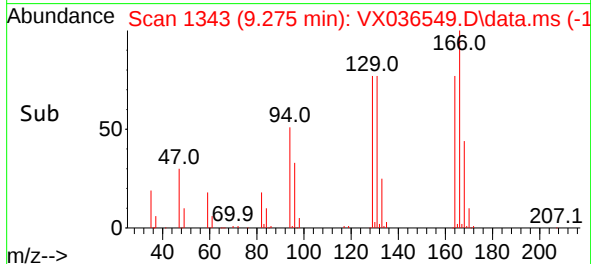
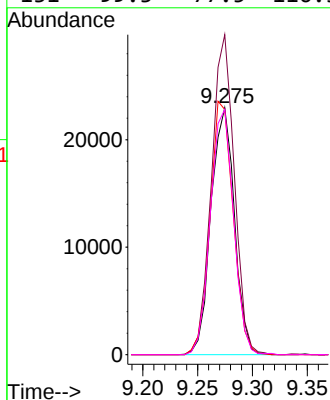


#61  
Tetrachloroethene  
Concen: 17.354 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

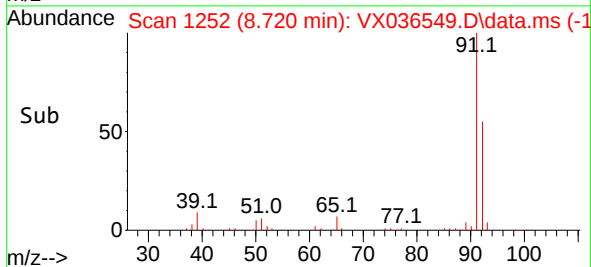
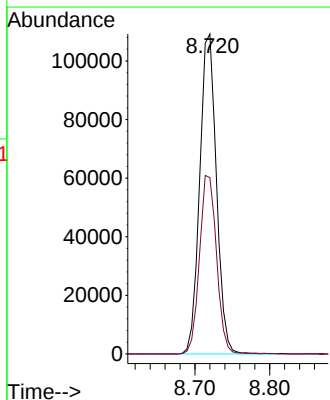
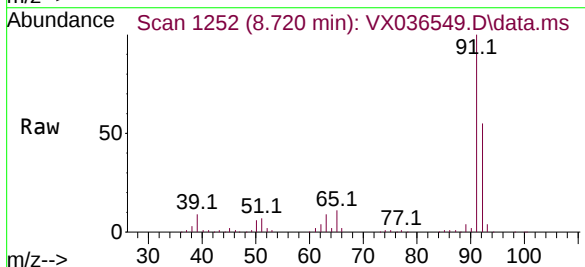


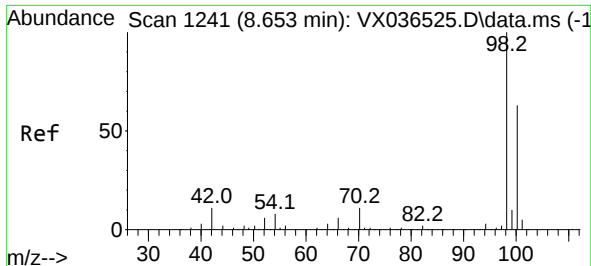
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 34158 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 129.6 | 104.5 | 156.7 |
| 129      | 99.3  | 78.0  | 117.0 |
| 131      | 99.3  | 77.5  | 116.3 |



#62  
Toluene  
Concen: 18.429 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 169930 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 56.7  | 44.9  | 67.3   |

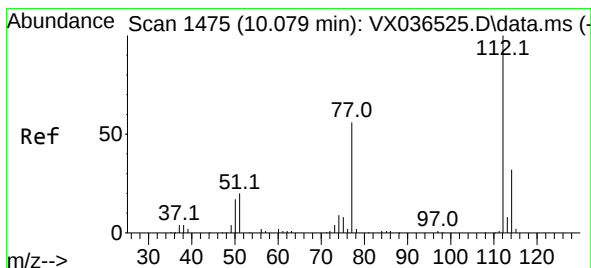
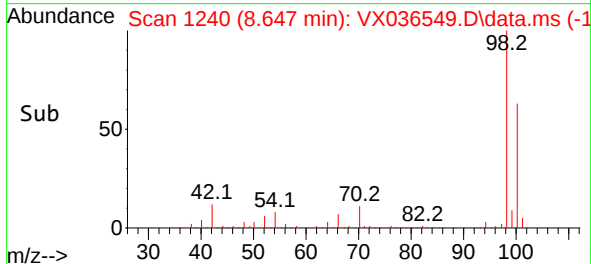
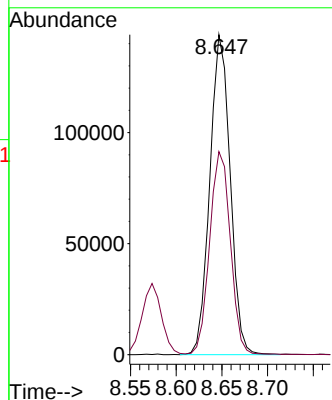
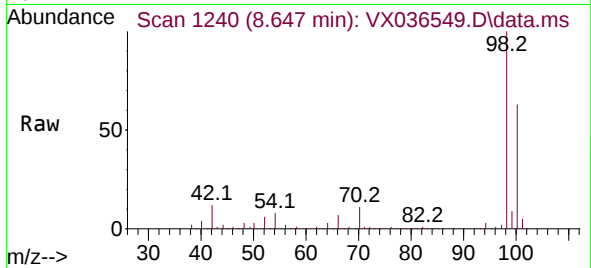




#63  
Toluene-d8  
Concen: 29.479 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

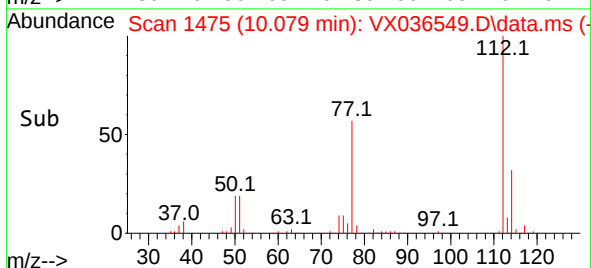
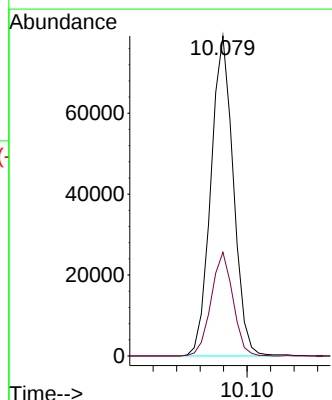
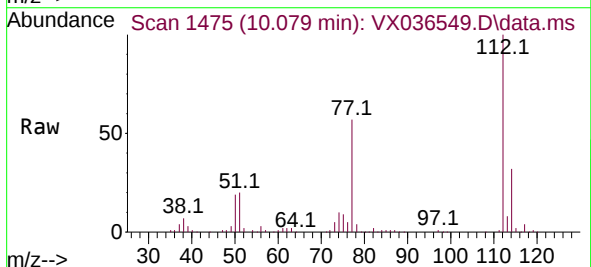
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

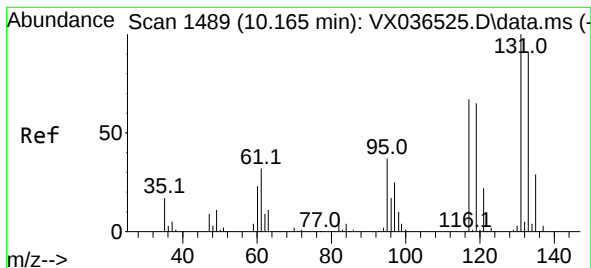
Tgt Ion: 98 Resp: 222923  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.6 77.4



#64  
Chlorobenzene  
Concen: 18.321 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 112 Resp: 105172  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.8 38.6

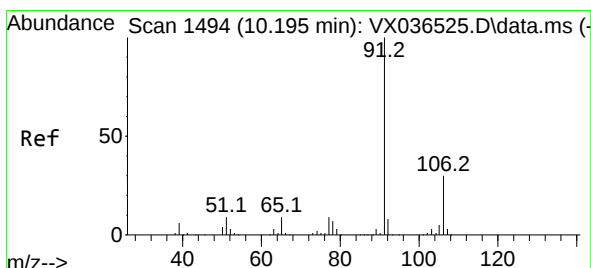
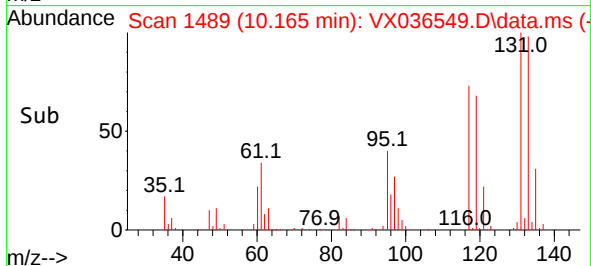
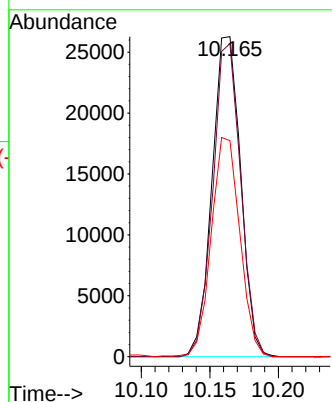
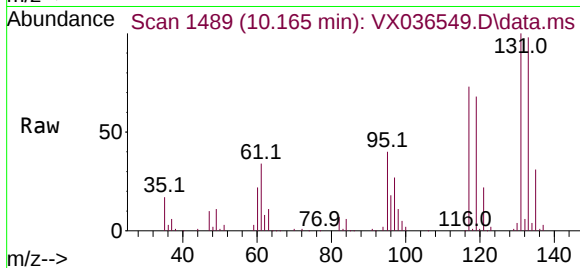




#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.372 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

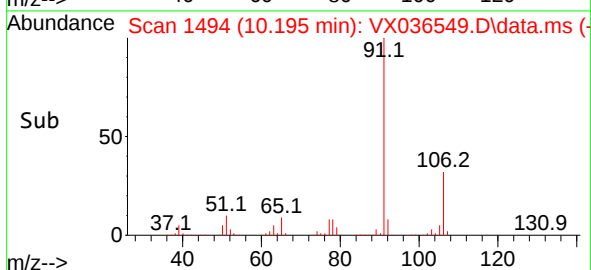
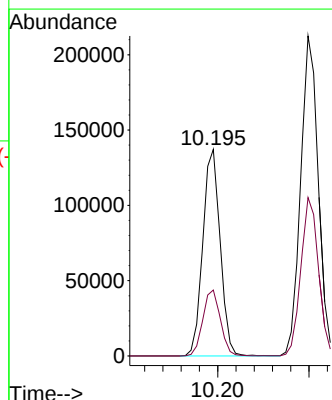
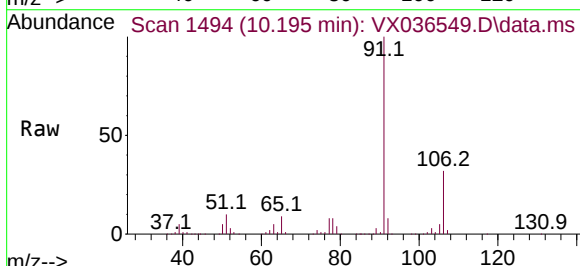
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

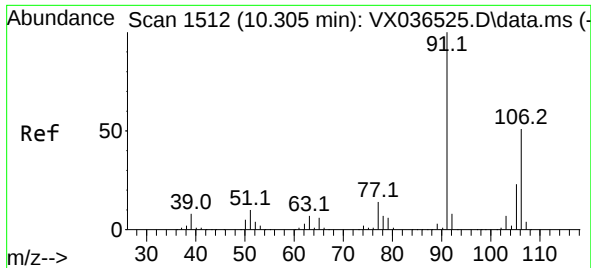
Tgt Ion:131 Resp: 38087  
Ion Ratio Lower Upper  
131 100  
133 95.6 0.0 192.0  
119 68.8 0.0 132.8



#66  
Ethyl Benzene  
Concen: 18.044 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 91 Resp: 180816  
Ion Ratio Lower Upper  
91 100  
106 31.9 24.2 36.4





#67

m/p-Xylenes

Concen: 36.185 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

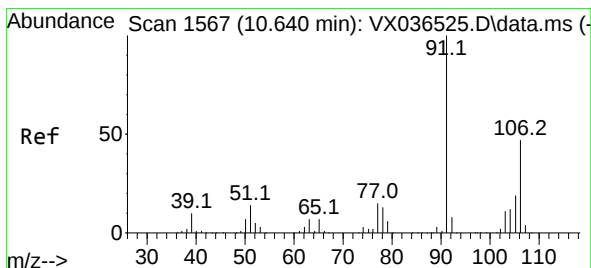
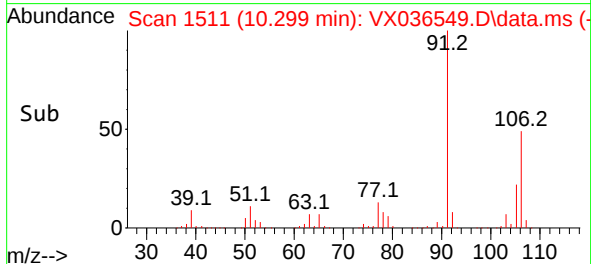
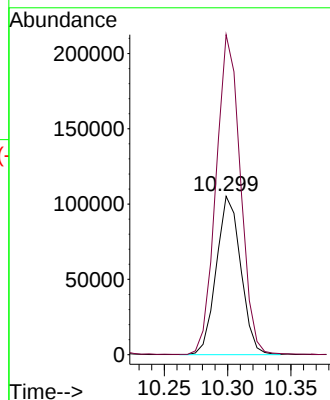
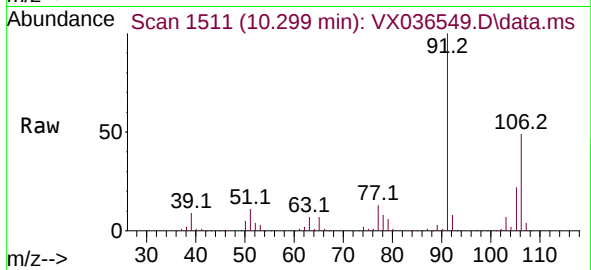
VX0715WBS01

Tgt Ion:106 Resp: 141361

Ion Ratio Lower Upper

106 100

91 201.7 160.5 240.7



#68

o-Xylene

Concen: 18.499 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX036549.D

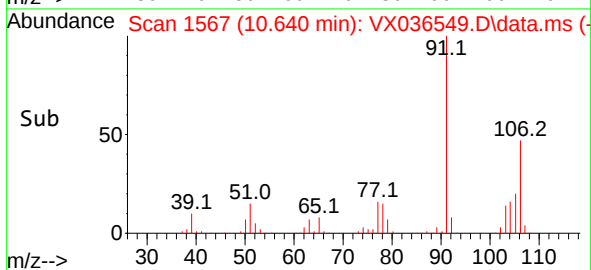
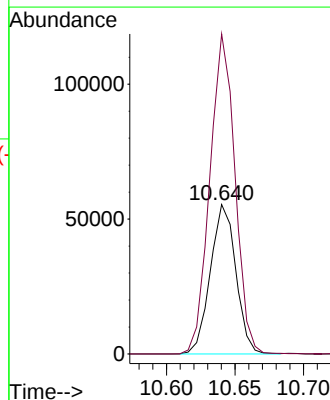
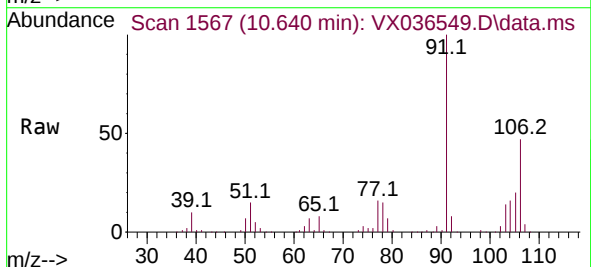
Acq: 14 Jul 2023 09:17

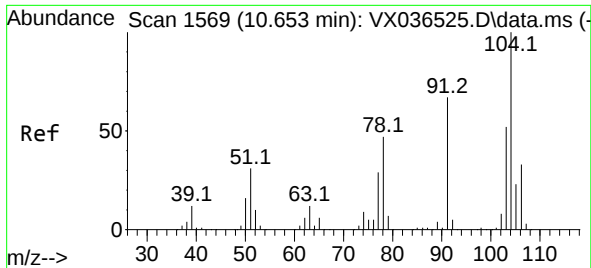
Tgt Ion:106 Resp: 71723

Ion Ratio Lower Upper

106 100

91 211.0 105.4 316.1

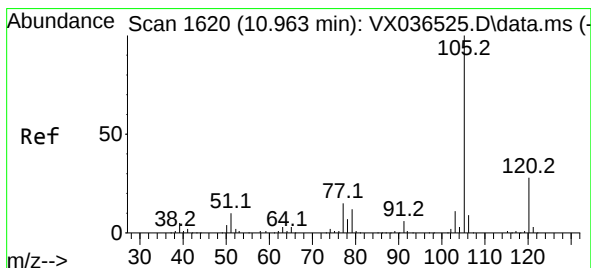
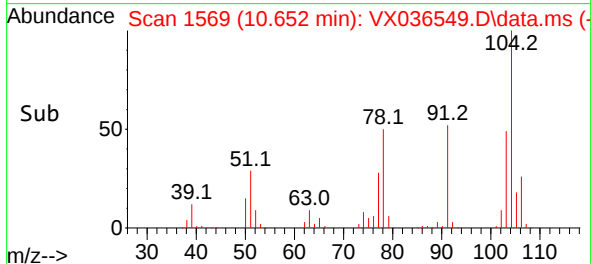
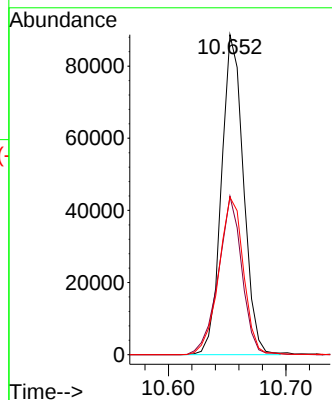
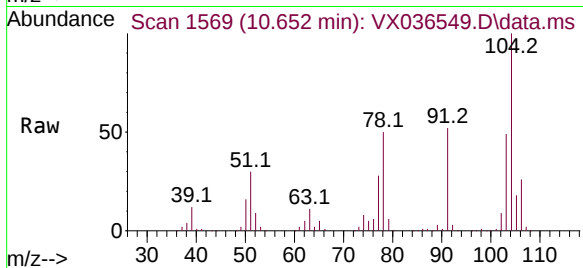




#69  
Styrene  
Concen: 18.369 ug/l  
RT: 10.652 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

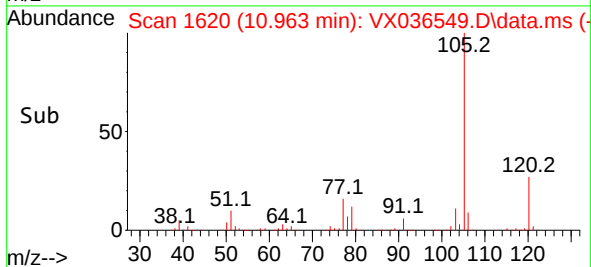
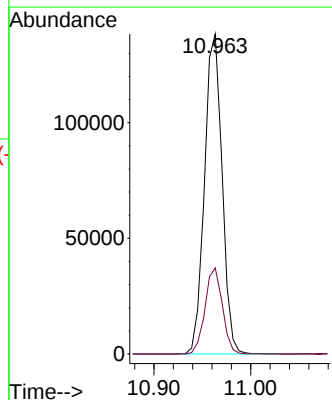
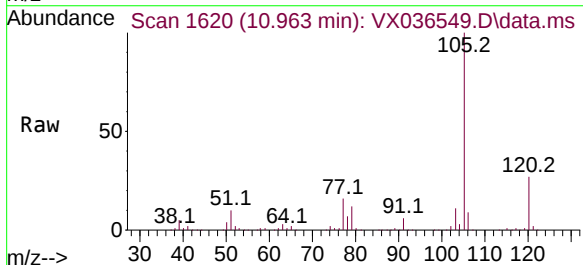
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

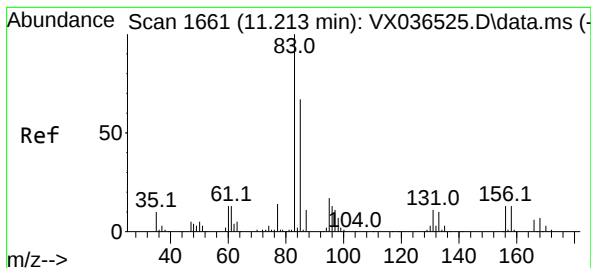
Tgt Ion:104 Resp: 115475  
Ion Ratio Lower Upper  
104 100  
78 52.9 41.0 61.4  
103 55.3 45.5 68.3



#70  
Isopropylbenzene  
Concen: 18.160 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion:105 Resp: 175364  
Ion Ratio Lower Upper  
105 100  
120 26.4 19.5 36.3

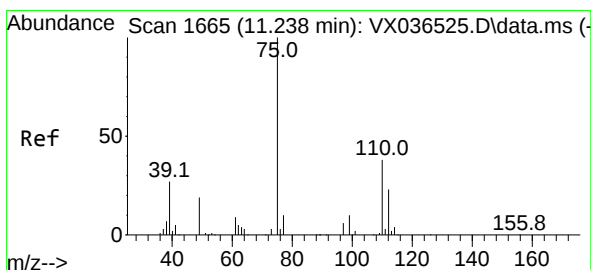
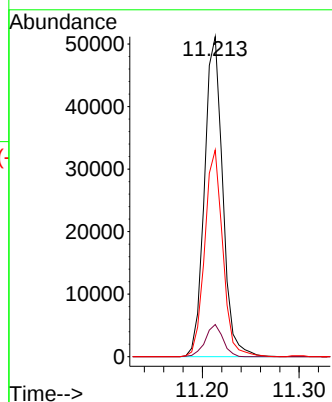
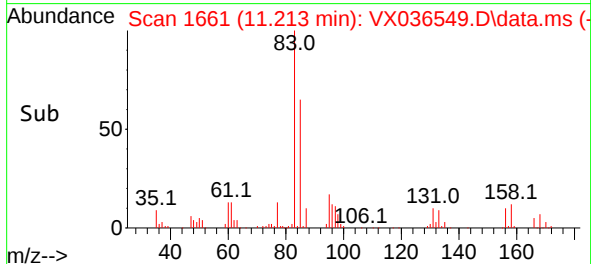
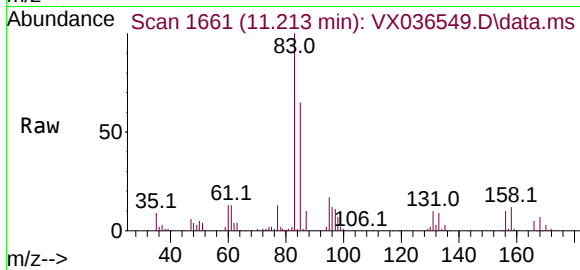




#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.020 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

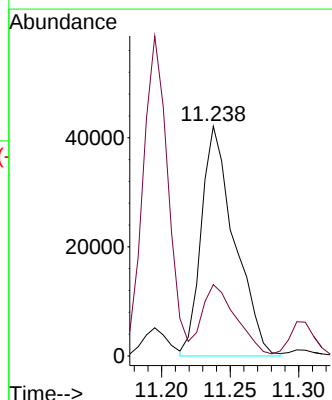
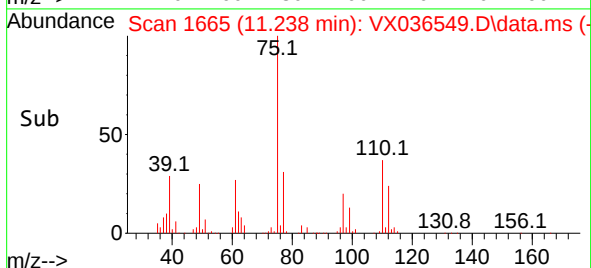
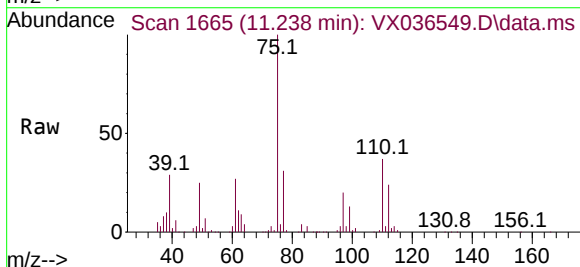
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

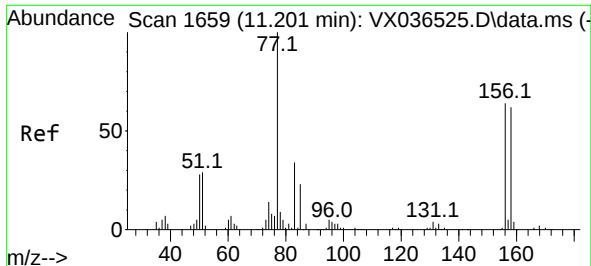
Tgt Ion: 83 Resp: 67038  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.3 15.8  
85 64.1 32.4 97.0



#72  
1,2,3-Trichloropropane  
Concen: 21.719 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 75 Resp: 70936  
Ion Ratio Lower Upper  
75 100  
77 31.9 0.0 77.2

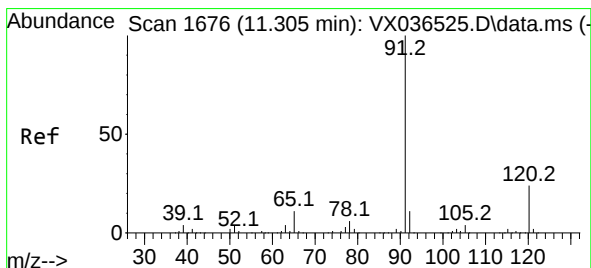
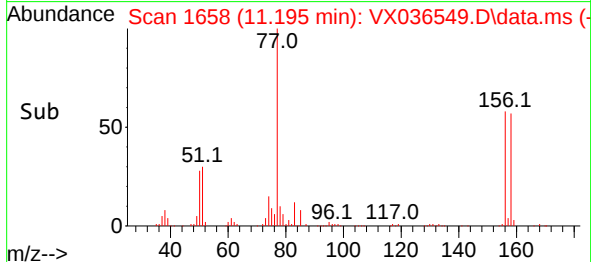
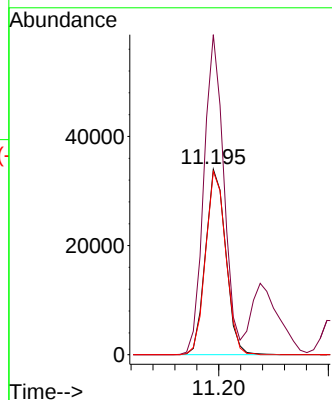
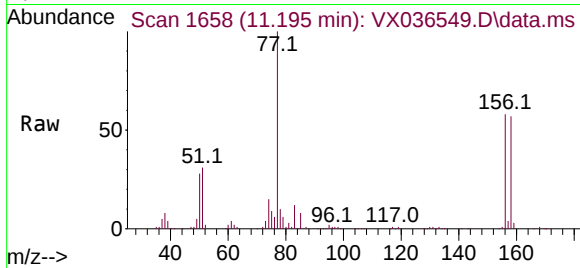




#73  
Bromobenzene  
Concen: 18.277 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

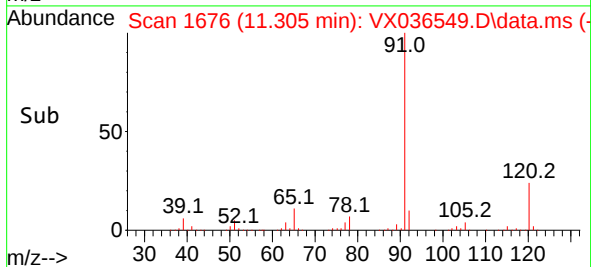
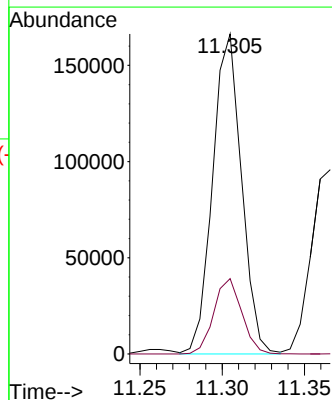
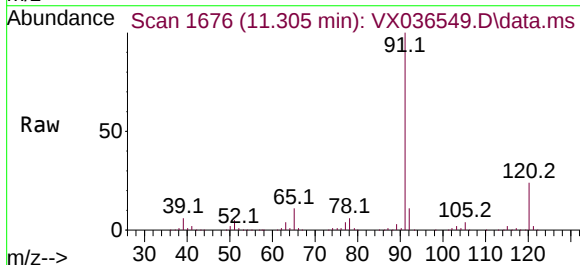
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

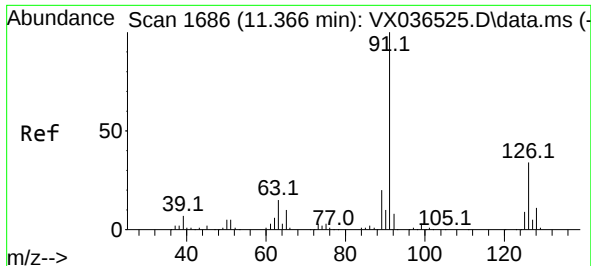
Tgt Ion:156 Resp: 43628  
Ion Ratio Lower Upper  
156 100  
77 169.6 0.0 333.0  
158 98.7 0.0 196.4



#74  
n-propylbenzene  
Concen: 17.897 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 91 Resp: 203418  
Ion Ratio Lower Upper  
91 100  
120 22.8 0.0 46.6

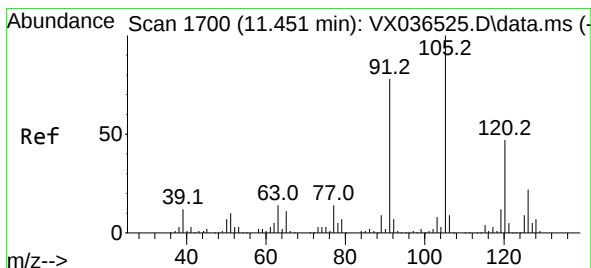
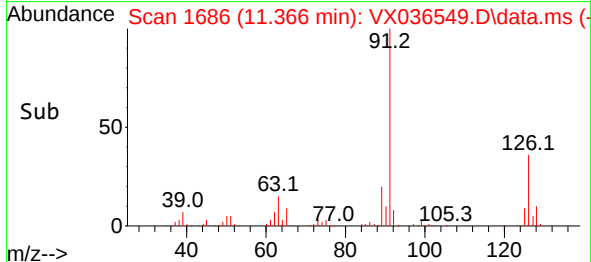
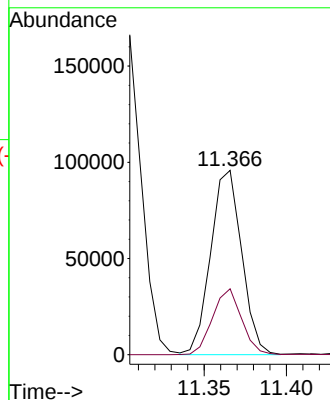
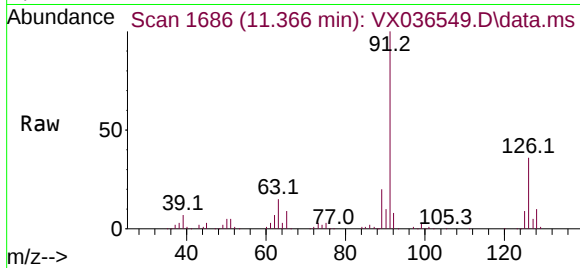




#75  
2-Chlorotoluene  
Concen: 18.197 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

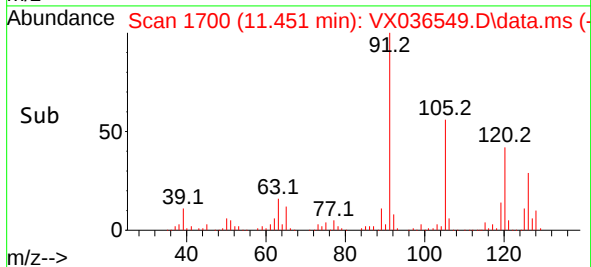
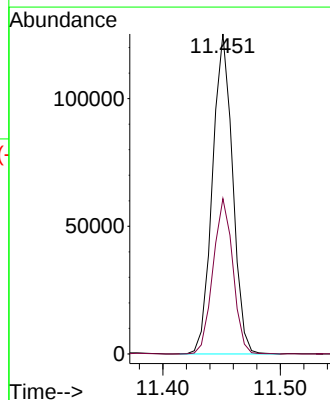
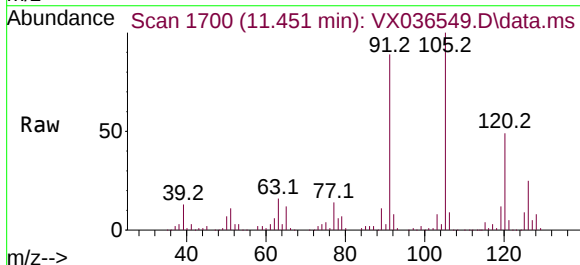
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

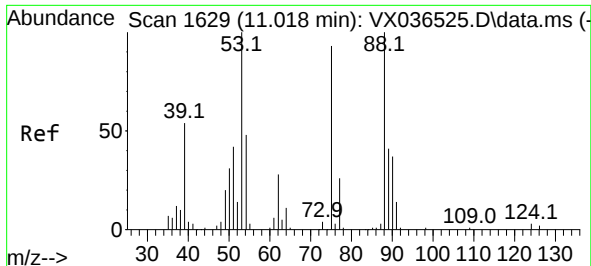
Tgt Ion: 91 Resp: 125772  
Ion Ratio Lower Upper  
91 100  
126 33.3 0.0 66.2



#76  
1,3,5-Trimethylbenzene  
Concen: 18.009 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 105 Resp: 149436  
Ion Ratio Lower Upper  
105 100  
120 47.8 0.0 96.4

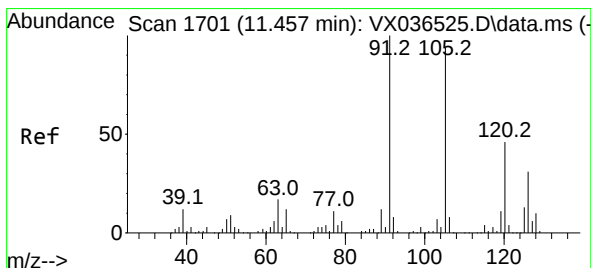
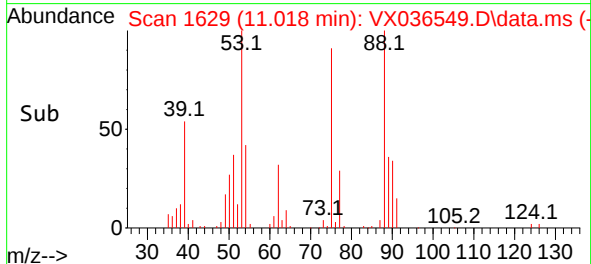
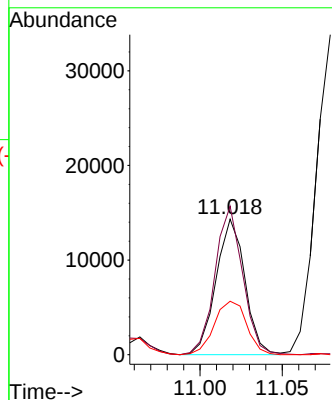
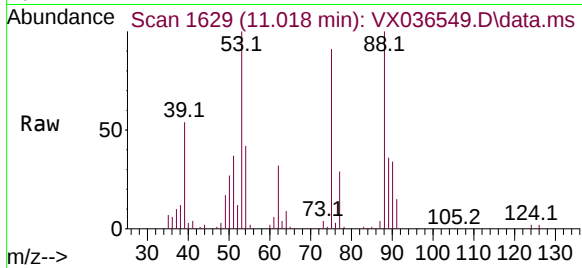




#77  
t-1,4-Dichloro-2-butene  
Concen: 16.345 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

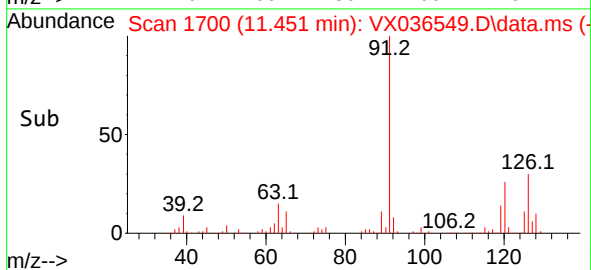
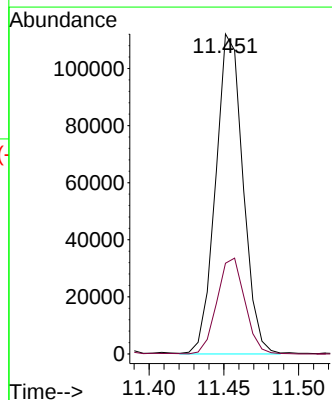
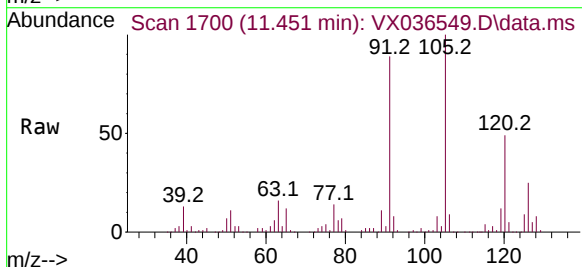
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

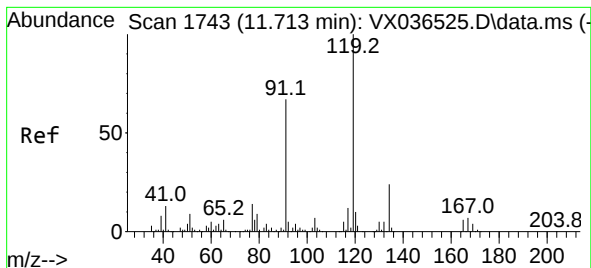
Tgt Ion: 75 Resp: 17530  
Ion Ratio Lower Upper  
75 100  
53 109.6 53.9 161.7  
89 39.5 22.1 66.1



#78  
4-Chlorotoluene  
Concen: 18.171 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 91 Resp: 143004  
Ion Ratio Lower Upper  
91 100  
126 30.4 0.0 59.4





#79

tert-butylbenzene

Concen: 17.687 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0715WBS01

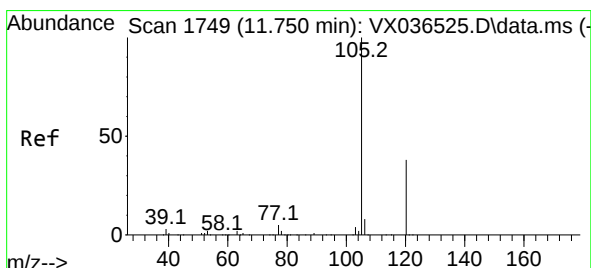
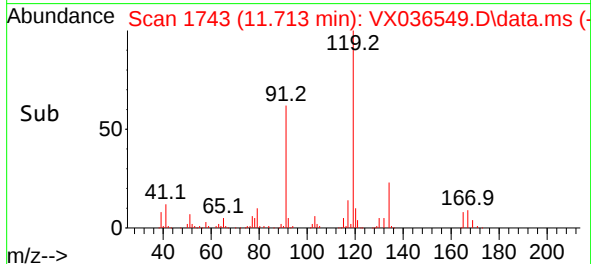
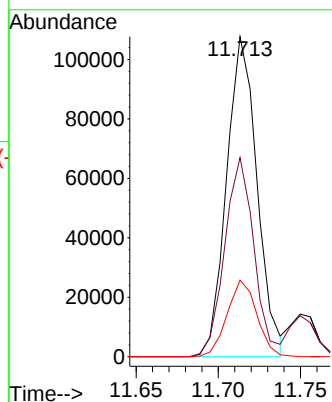
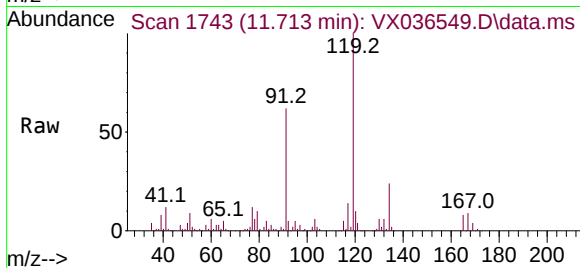
Tgt Ion:119 Resp: 139301

Ion Ratio Lower Upper

119 100

91 59.9 0.0 124.4

134 23.3 0.0 47.2



#80

1,2,4-Trimethylbenzene

Concen: 18.222 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036549.D

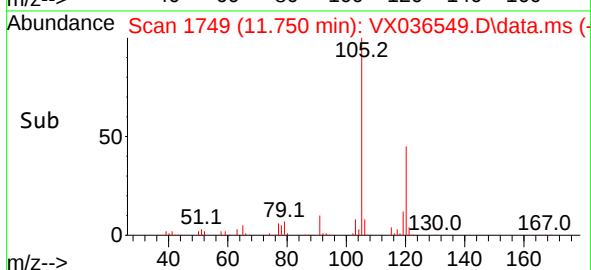
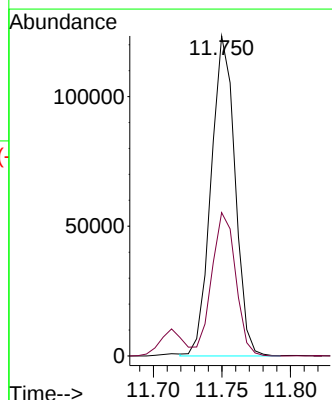
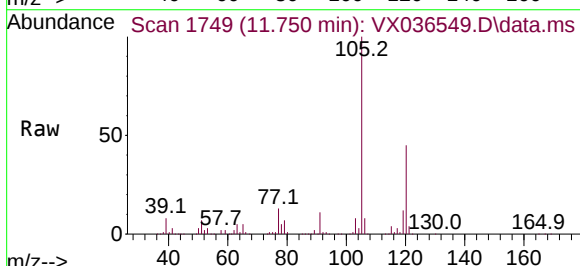
Acq: 14 Jul 2023 09:17

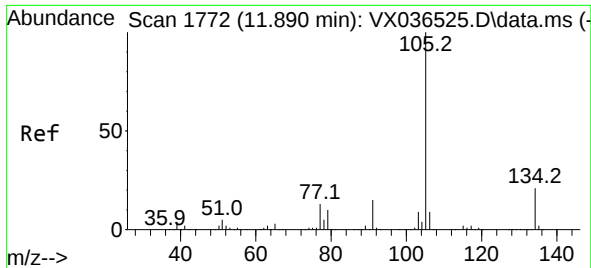
Tgt Ion:105 Resp: 149830

Ion Ratio Lower Upper

105 100

120 45.2 0.0 90.2

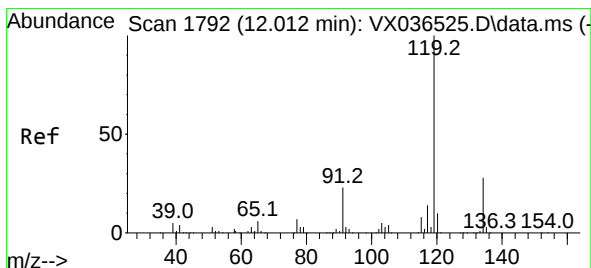
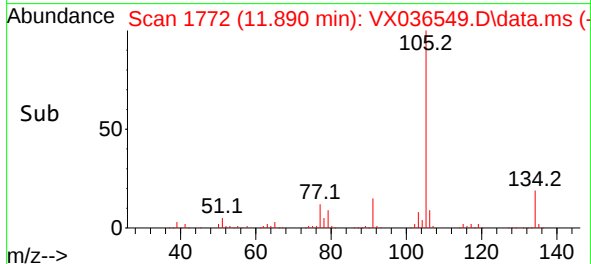
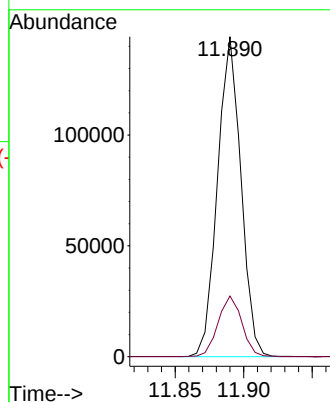
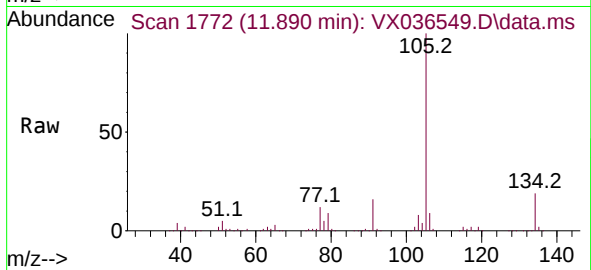




#81  
 sec-Butylbenzene  
 Concen: 17.286 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX036549.D  
 Acq: 14 Jul 2023 09:17

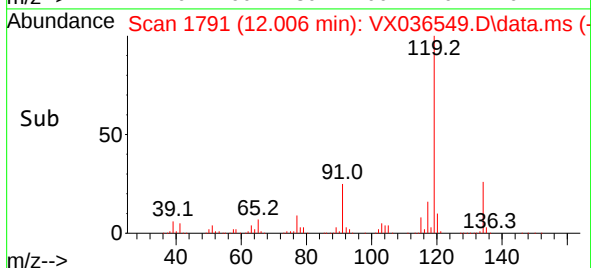
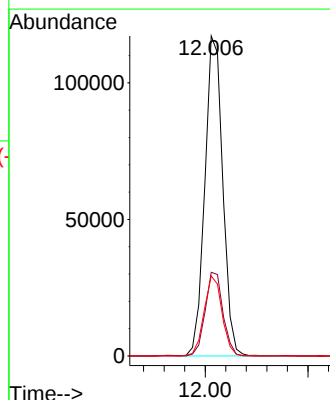
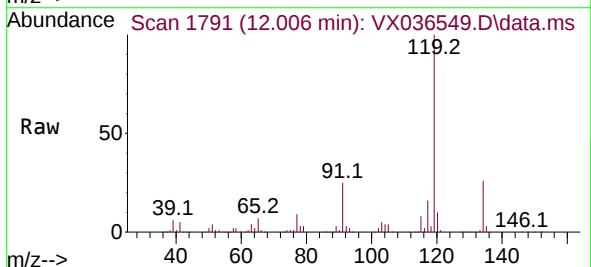
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0715WBS01

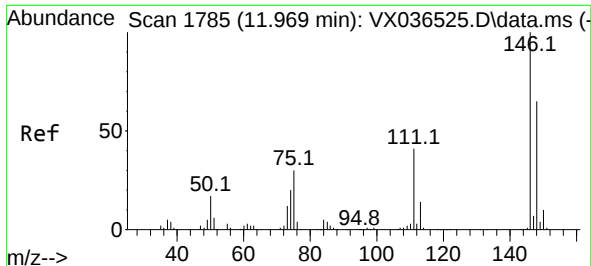
Tgt Ion:105 Resp: 171367  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 0.0 41.2



#82  
 p-Isopropyltoluene  
 Concen: 17.227 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.006 min  
 Lab File: VX036549.D  
 Acq: 14 Jul 2023 09:17

Tgt Ion:119 Resp: 142083  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 0.0 53.2  
 91 25.0 0.0 49.4

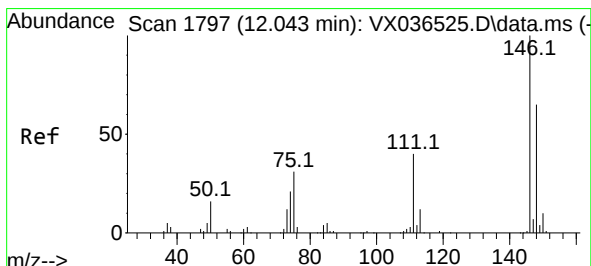
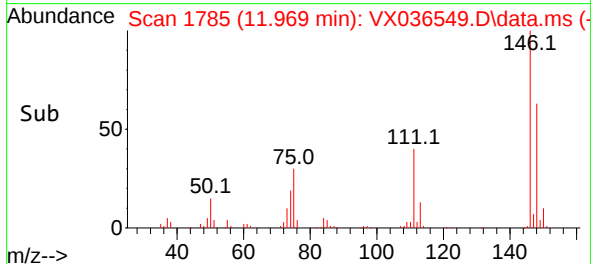
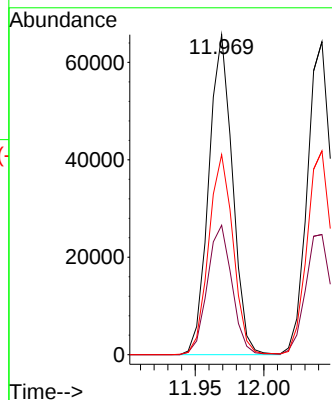
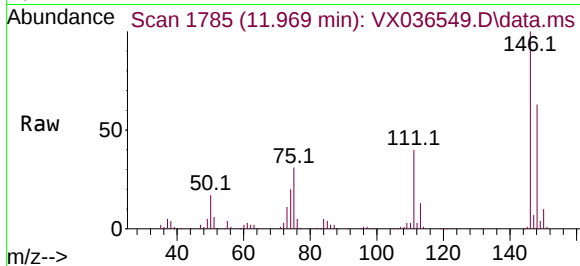




#83  
1,3-Dichlorobenzene  
Concen: 17.864 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

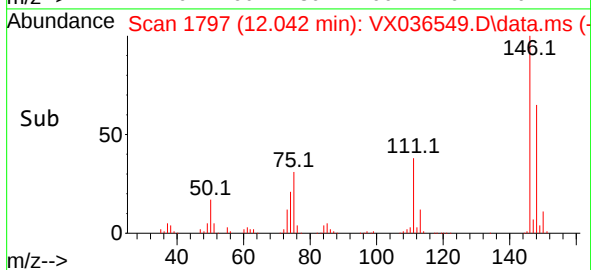
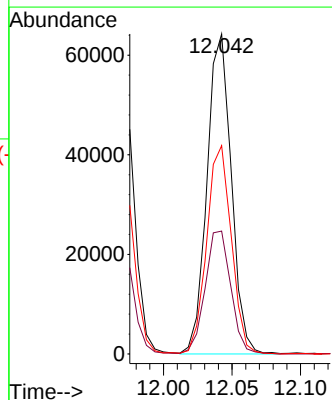
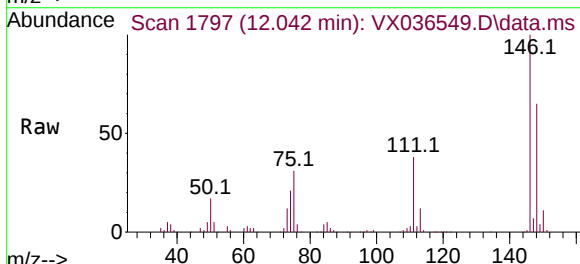
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

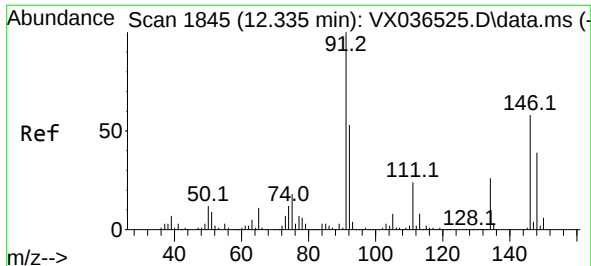
Tgt Ion:146 Resp: 79321  
Ion Ratio Lower Upper  
146 100  
111 41.9 20.4 61.2  
148 64.3 31.6 94.8



#84  
1,4-Dichlorobenzene  
Concen: 17.921 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion:146 Resp: 79290  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.2 60.6  
148 66.0 32.1 96.3

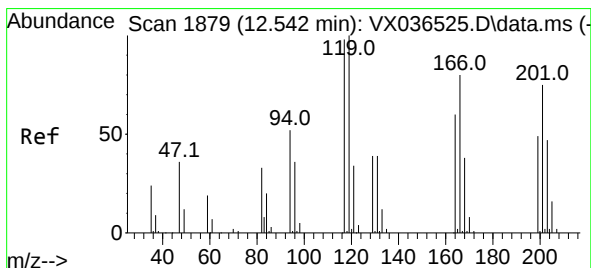
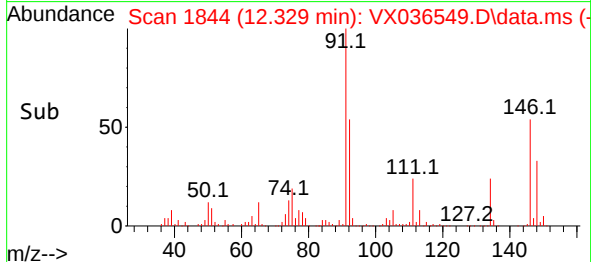
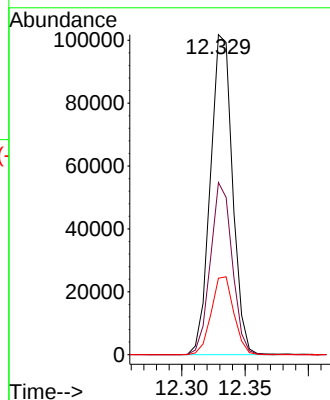
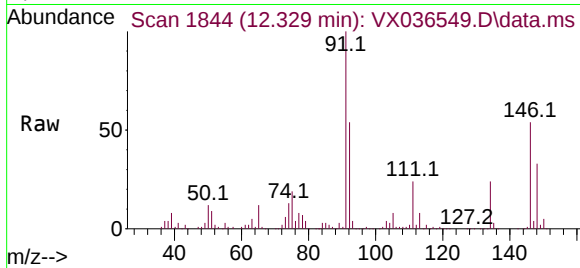




#85  
n-Butylbenzene  
Concen: 16.522 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

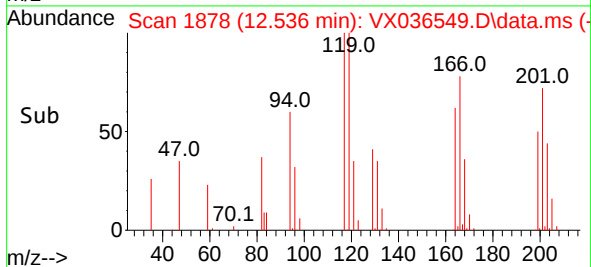
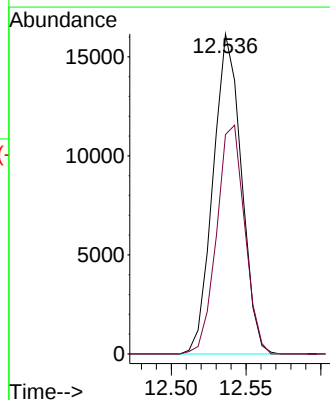
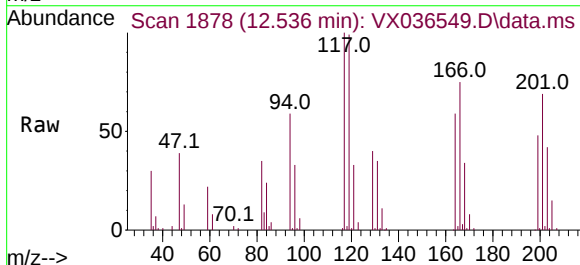
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

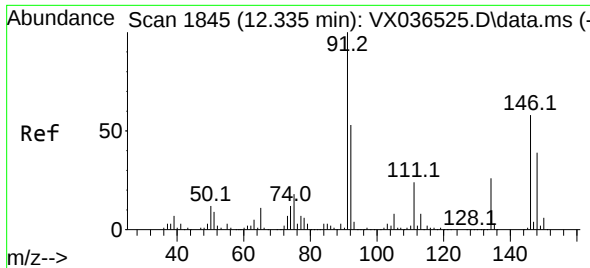
Tgt Ion: 91 Resp: 124047  
Ion Ratio Lower Upper  
91 100  
92 52.9 0.0 105.2  
134 24.8 0.0 51.4



#86  
Hexachloroethane  
Concen: 15.587 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.006 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 117 Resp: 21285  
Ion Ratio Lower Upper  
117 100  
201 70.9 36.0 108.0

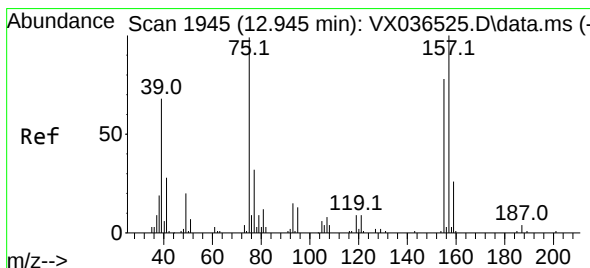
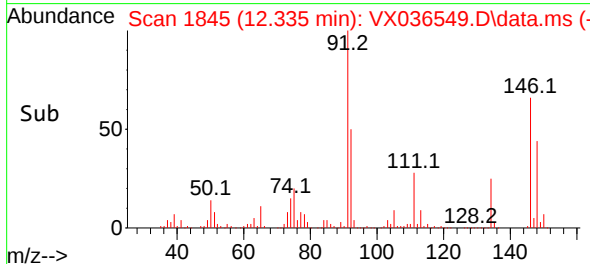
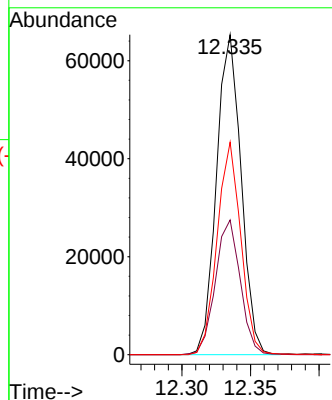
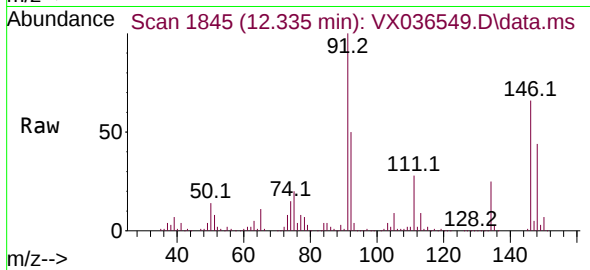




#87  
1,2-Dichlorobenzene  
Concen: 18.327 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

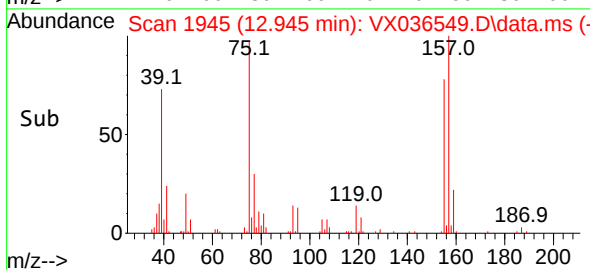
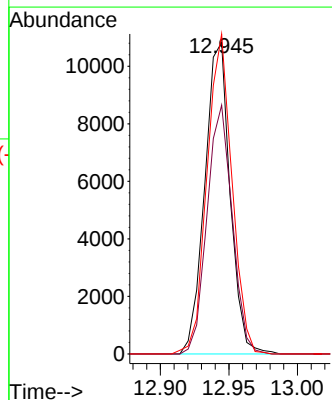
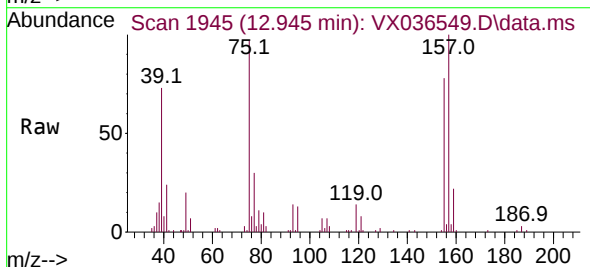
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0715WBS01

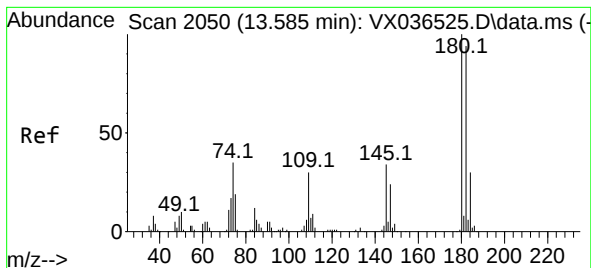
Tgt Ion:146 Resp: 81623  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.4 64.3  
148 63.8 33.2 99.6



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 17.605 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX036549.D  
Acq: 14 Jul 2023 09:17

Tgt Ion: 75 Resp: 13952  
Ion Ratio Lower Upper  
75 100  
155 79.1 62.7 94.1  
157 100.9 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 17.161 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0715WBS01

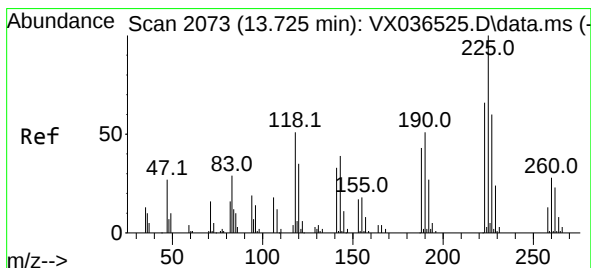
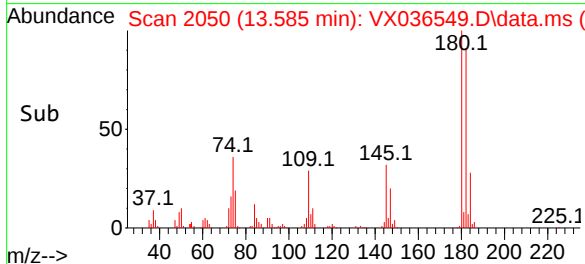
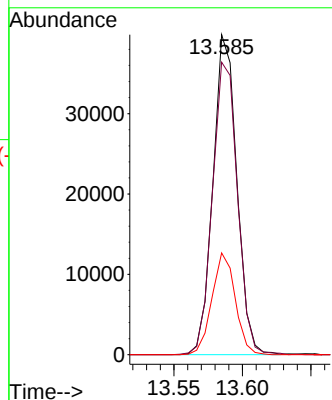
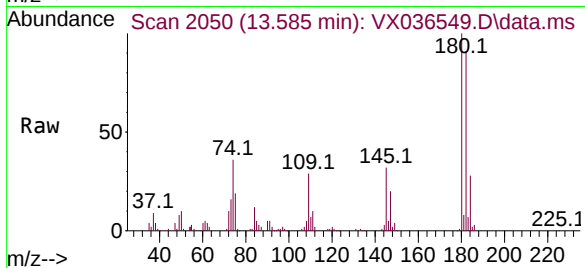
Tgt Ion:180 Resp: 48198

Ion Ratio Lower Upper

180 100

182 95.6 75.6 113.4

145 31.1 25.4 38.2



#90

Hexachlorobutadiene

Concen: 16.225 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

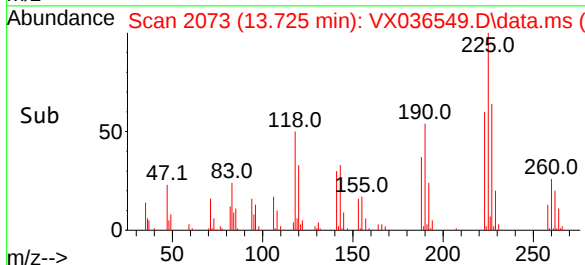
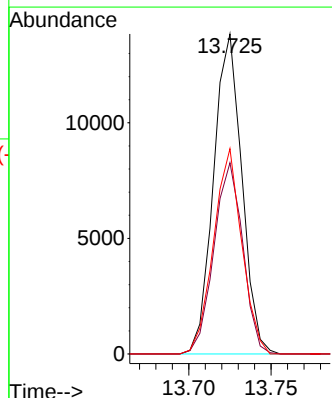
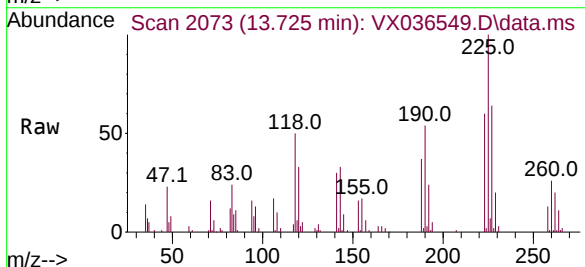
Tgt Ion:225 Resp: 16551

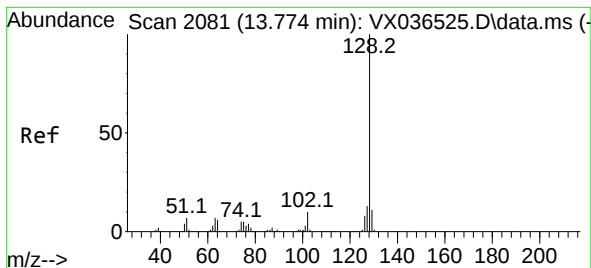
Ion Ratio Lower Upper

225 100

223 60.9 0.0 124.2

227 64.2 0.0 120.4





#91

Naphthalene

Concen: 18.113 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA\_X

ClientSampleId :

VX0715WBS01

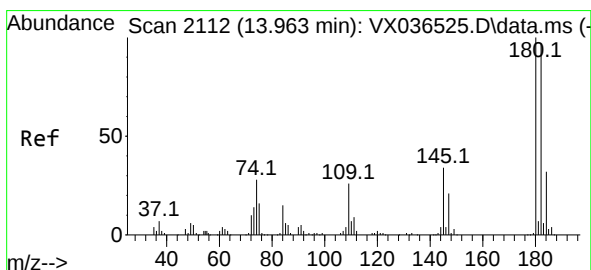
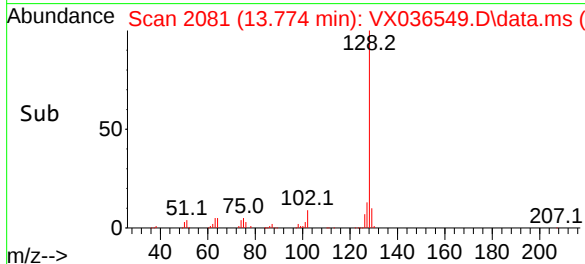
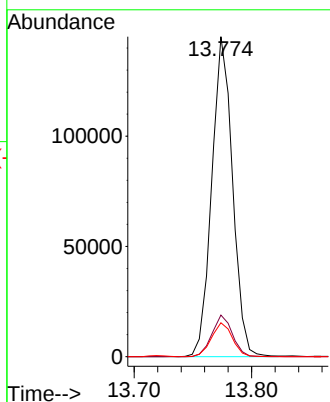
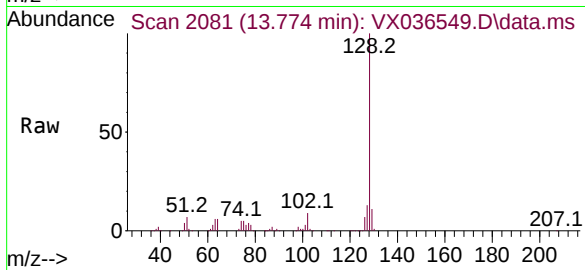
Tgt Ion:128 Resp: 178493

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 17.117 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Tgt Ion:180 Resp: 48523

Ion Ratio Lower Upper

180 100

182 94.2 0.0 190.6

145 35.1 0.0 66.8

