

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061523\  
 Data File : VX036176.D  
 Acq On : 15 Jun 2023 18:12  
 Operator : JC/MD  
 Sample : VSTDC0020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0020EC

Quant Time: Jun 16 07:58:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X052323W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue May 23 11:36:37 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Bromochloromethane        | 4.898  | 128   | 38463    | 30.000   | ug/l        | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763  | 114   | 225590   | 30.000   | ug/l        | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 207764   | 30.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 27) 1,2-Dichloroethane-d4    | 5.952  | 65    | 114962   | 35.972   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 119.900%# |          |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 107353   | 30.793   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 102.633%  |          |
| 63) Toluene-d8               | 8.647  | 98    | 269257   | 29.315   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 97.733%   |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 33405    | 16.984   | ug/l        | 98       |
| 3) Chloromethane             | 1.295  | 50    | 37460    | 15.524   | ug/l        | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 34756    | 15.327   | ug/l        | 95       |
| 5) Bromomethane              | 1.618  | 94    | 22439    | 14.710   | ug/l        | 100      |
| 6) Chloroethane              | 1.691  | 64    | 21040    | 14.718   | ug/l        | 98       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 53441    | 15.546   | ug/l        | 98       |
| 8) Diethyl Ether             | 2.130  | 74    | 24048    | 16.826   | ug/l        | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 32458    | 17.550   | ug/l        | 96       |
| 10) 1,1-Dichloroethene       | 2.319  | 96    | 30928    | 16.041   | ug/l        | 94       |
| 11) Methyl Iodide            | 2.453  | 142   | 32969    | 14.155   | ug/l        | 96       |
| 12) Methyl Acetate           | 2.709  | 43    | 106679   | 19.581   | ug/l        | 95       |
| 13) Acrolein                 | 2.240  | 56    | 40639    | 94.363   | ug/l        | 100      |
| 14) Acrylonitrile            | 3.075  | 53    | 124562   | 91.205   | ug/l        | 99       |
| 15) Acetone                  | 2.404  | 58    | 31907    | 78.106   | ug/l        | 92       |
| 16) Carbon Disulfide         | 2.514  | 76    | 59795    | 14.290   | ug/l        | 96       |
| 17) Allyl chloride           | 2.666  | 41    | 67851    | 17.443   | ug/l        | 92       |
| 18) Methylene Chloride       | 2.788  | 84    | 40205    | 16.012   | ug/l        | 94       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 35319    | 16.250   | ug/l        | 93       |
| 20) Diisopropyl ether        | 3.758  | 45    | 150833   | 17.962   | ug/l        | 94       |
| 21) 1,1-Dichloroethane       | 3.611  | 63    | 77480    | 17.603   | ug/l        | 97       |
| 22) cis-1,2-Dichloroethene   | 4.489  | 96    | 44586    | 16.578   | ug/l        | 94       |
| 23) tert-Butyl Alcohol       | 3.032  | 59    | 25818    | 51.788   | ug/l #      | 1        |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 147010   | 18.918   | ug/l        | 94       |
| 25) Chloroform               | 5.093  | 83    | 84941    | 18.806   | ug/l        | 98       |
| 26) Cyclohexane              | 5.471  | 56    | 50598    | 15.200   | ug/l #      | 98       |
| 29) 1,1-Dichloropropene      | 5.690  | 75    | 52373    | 16.672   | ug/l        | 96       |
| 30) 2-Butanone               | 4.574  | 43    | 176355   | 85.758   | ug/l        | 99       |
| 31) 2,2-Dichloropropane      | 4.477  | 77    | 58989    | 17.478   | ug/l        | 96       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 66700    | 18.182   | ug/l        | 98       |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 51581    | 17.806   | ug/l        | 97       |
| 34) Benzene                  | 6.038  | 78    | 161935   | 16.340   | ug/l        | 99       |
| 35) Methacrylonitrile        | 4.922  | 41    | 40315    | 18.372   | ug/l        | 96       |
| 36) 1,2-Dichloroethane       | 6.086  | 62    | 76289    | 19.780   | ug/l        | 97       |
| 37) Trichloroethene          | 7.123  | 130   | 38430    | 15.427   | ug/l        | 87       |
| 38) Methylcyclohexane        | 7.379  | 83    | 49155    | 14.268   | ug/l        | 94       |
| 39) 1,2-Dichloropropane      | 7.428  | 63    | 44195    | 16.568   | ug/l        | 95       |
| 40) Dibromomethane           | 7.580  | 93    | 31810    | 17.632   | ug/l        | 94       |
| 41) Bromodichloromethane     | 7.824  | 83    | 61138    | 18.745   | ug/l #      | 99       |
| 42) Vinyl Acetate            | 3.721  | 43    | 529539   | 87.666   | ug/l        | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061523\  
 Data File : VX036176.D  
 Acq On : 15 Jun 2023 18:12  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

Quant Time: Jun 16 07:58:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X052323W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue May 23 11:36:37 2023  
 Response via : Initial Calibration

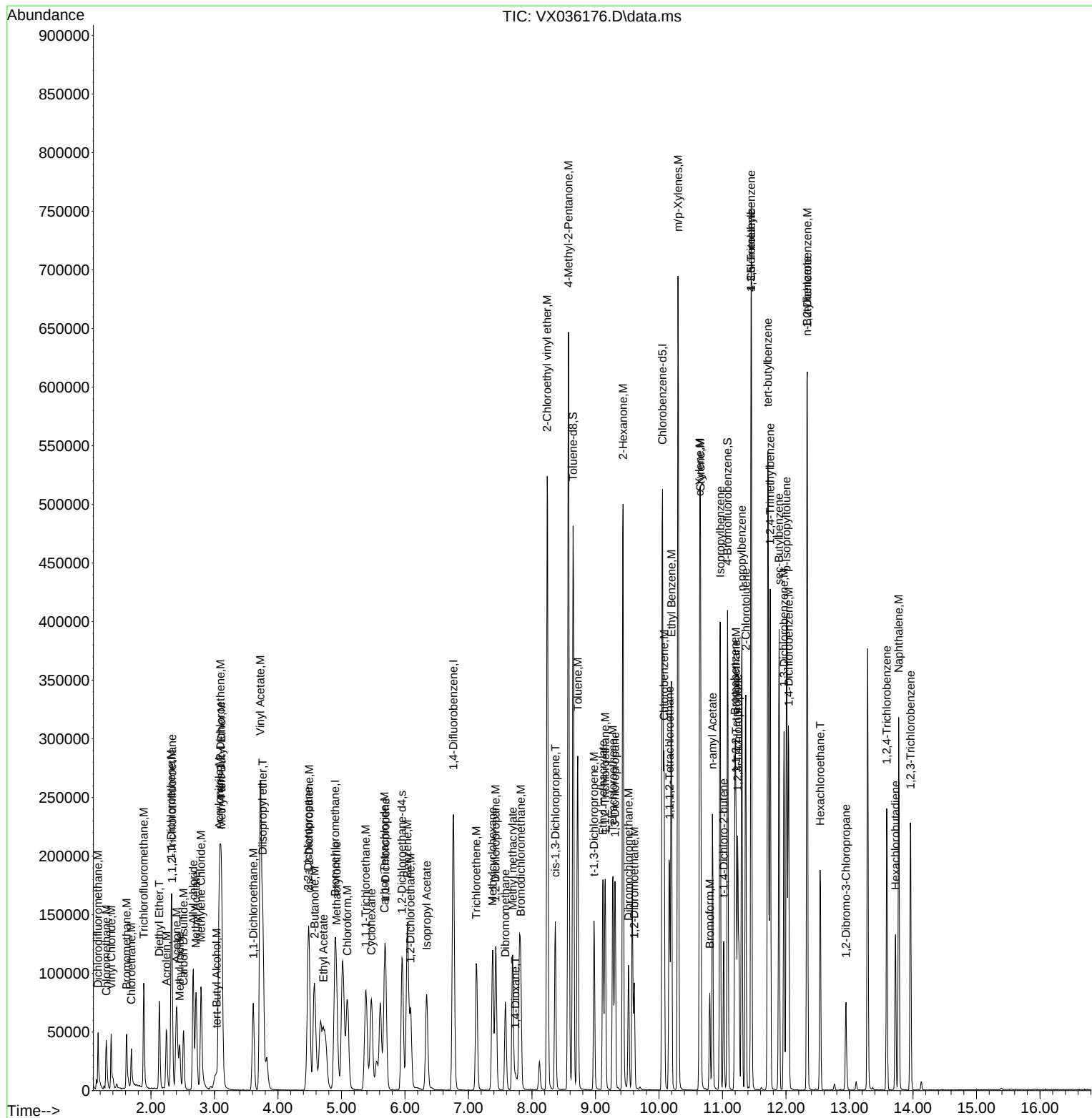
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.715  | 43   | 69953    | 17.837  | ug/l   | 99       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 114768   | 17.953  | ug/l   | 97       |
| 45) 1,4-Dioxane               | 7.739  | 88   | 18842    | 310.317 | ug/l # | 66       |
| 46) Methyl methacrylate       | 7.696  | 41   | 56874    | 18.413  | ug/l   | 97       |
| 47) n-amyl Acetate            | 10.842 | 43   | 94425    | 17.585  | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 62085    | 17.206  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 68264    | 17.143  | ug/l   | 96       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 44310    | 17.167  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 70466    | 17.710  | ug/l   | 96       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 80743    | 17.951  | ug/l   | 98       |
| 53) Dibromochloromethane      | 9.519  | 129  | 42410    | 17.917  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 47215    | 17.607  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 195827   | 92.744  | ug/l   | 99       |
| 56) Bromoform                 | 10.799 | 173  | 27070    | 17.641  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 370418   | 91.789  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 275021   | 90.571  | ug/l   | 98       |
| 61) Tetrachloroethene         | 9.275  | 164  | 30565    | 15.276  | ug/l   | 95       |
| 62) Toluene                   | 8.720  | 91   | 173464   | 16.213  | ug/l   | 98       |
| 64) Chlorobenzene             | 10.080 | 112  | 110469   | 16.303  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 40043    | 16.903  | ug/l   | 98       |
| 66) Ethyl Benzene             | 10.195 | 91   | 199843   | 16.701  | ug/l   | 99       |
| 67) m/p-Xylenes               | 10.299 | 106  | 150572   | 33.245  | ug/l   | 98       |
| 68) o-Xylene                  | 10.640 | 106  | 75358    | 16.634  | ug/l   | 96       |
| 69) Styrene                   | 10.653 | 104  | 124600   | 16.664  | ug/l   | 96       |
| 70) Isopropylbenzene          | 10.964 | 105  | 195329   | 16.891  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 72601    | 17.725  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 78739    | 22.073  | ug/l   | 91       |
| 73) Bromobenzene              | 11.195 | 156  | 45608    | 16.234  | ug/l   | 85       |
| 74) n-propylbenzene           | 11.305 | 91   | 227265   | 16.488  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 149475   | 17.654  | ug/l   | 95       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 169155   | 17.223  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 16681    | 15.501  | ug/l   | 92       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 173324   | 17.969  | ug/l   | 96       |
| 79) tert-butylbenzene         | 11.713 | 119  | 157429   | 16.604  | ug/l   | 95       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 172146   | 17.441  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 190851   | 15.943  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 162128   | 16.280  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 84161    | 15.828  | ug/l   | 95       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 86851    | 16.274  | ug/l   | 98       |
| 85) n-Butylbenzene            | 12.329 | 91   | 138898   | 15.677  | ug/l   | 98       |
| 86) Hexachloroethane          | 12.536 | 117  | 24214    | 15.440  | ug/l   | 91       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 86599    | 16.623  | ug/l   | 96       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 15395    | 19.666  | ug/l # | 82       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 47805    | 15.311  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 16697    | 14.507  | ug/l   | 98       |
| 91) Naphthalene               | 13.774 | 128  | 175796   | 16.271  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 47937    | 15.378  | ug/l   | 98       |

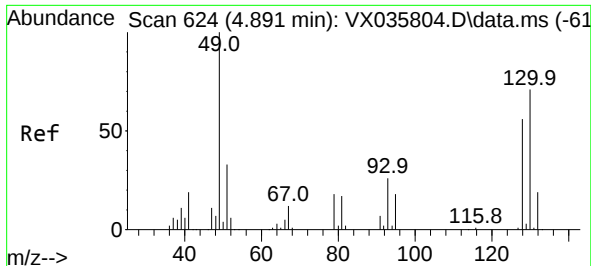
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061523\  
 Data File : VX036176.D  
 Acq On : 15 Jun 2023 18:12  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

Quant Time: Jun 16 07:58:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X052323W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue May 23 11:36:37 2023  
 Response via : Initial Calibration

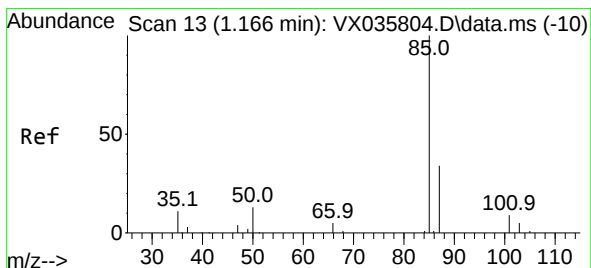
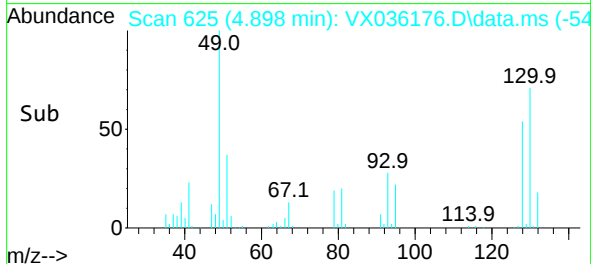
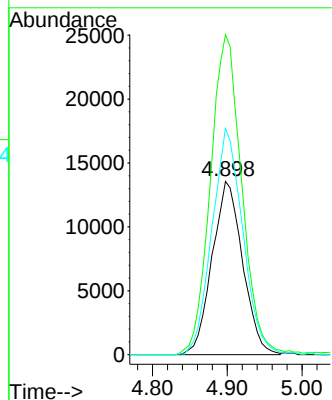
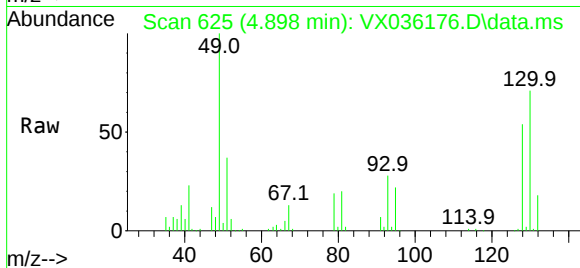




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.898 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

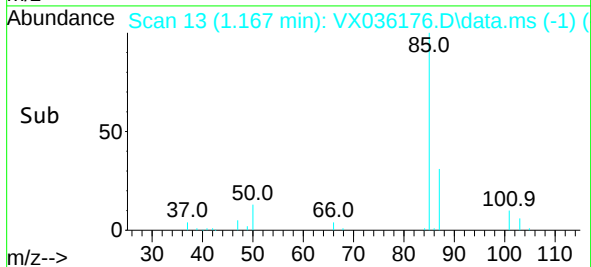
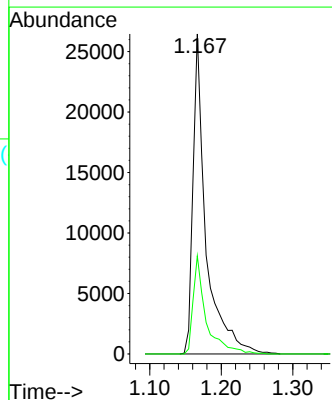
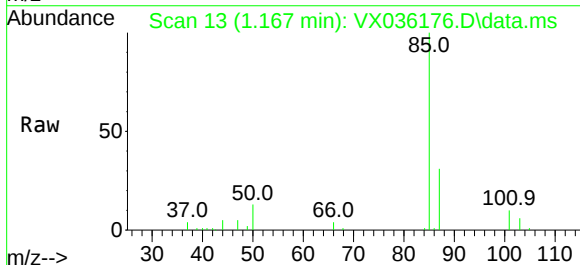
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion:128 Resp: 38463  
Ion Ratio Lower Upper  
128 100  
49 188.5 0.0 428.8  
130 132.6 0.0 310.8

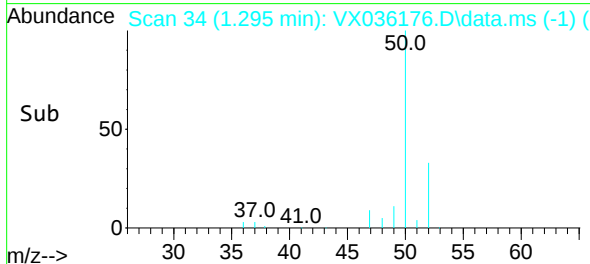
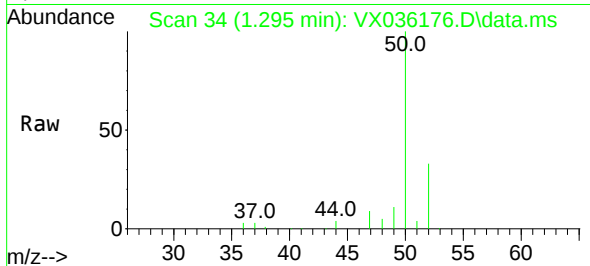
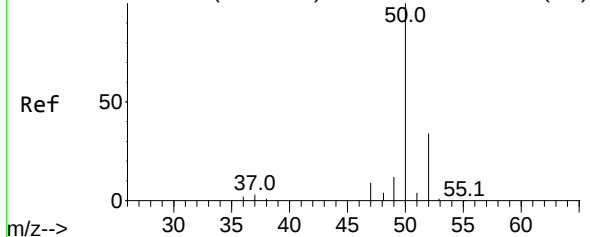


#2  
Dichlorodifluoromethane  
Concen: 16.984 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 85 Resp: 33405  
Ion Ratio Lower Upper  
85 100  
87 30.7 16.0 48.0



Abundance Scan 34 (1.294 min): VX035804.D\data.ms (-30)



#3

Chloromethane

Concen: 15.524 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

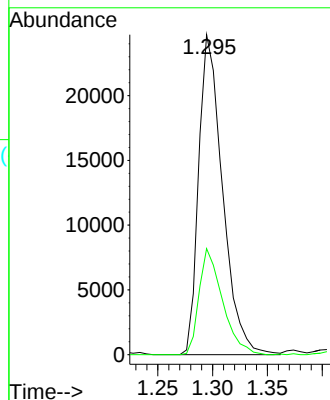
VSTDCCC020EC

Tgt Ion: 50 Resp: 37460

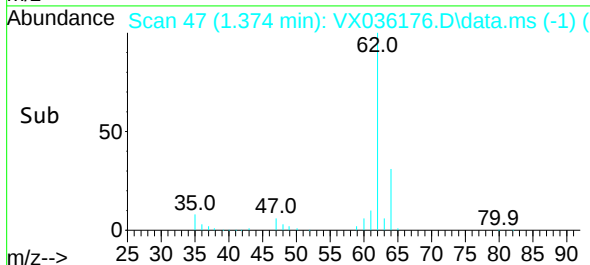
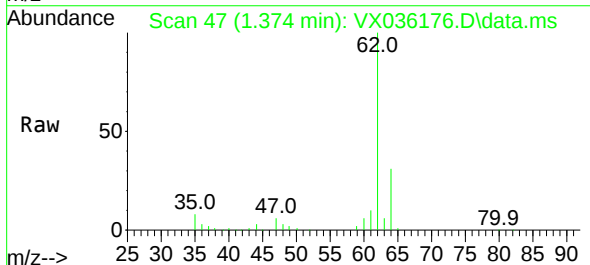
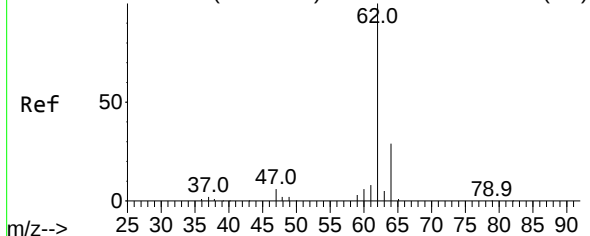
Ion Ratio Lower Upper

50 100

52 33.1 24.6 36.8



Abundance Scan 47 (1.374 min): VX035804.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 15.327 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX036176.D

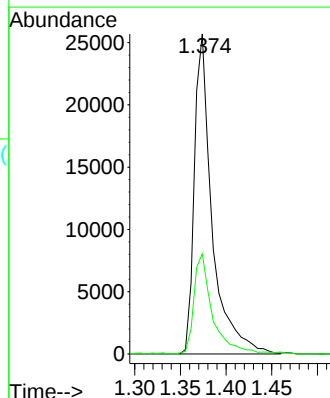
Acq: 15 Jun 2023 18:12

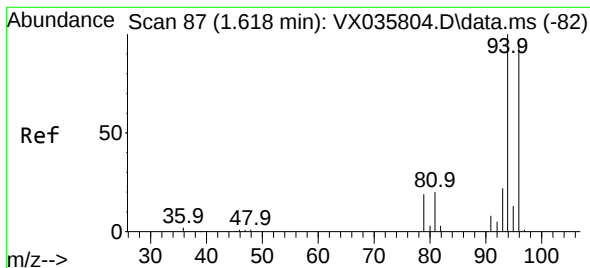
Tgt Ion: 62 Resp: 34756

Ion Ratio Lower Upper

62 100

64 31.0 26.9 40.3





#5

Bromomethane

Concen: 14.710 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

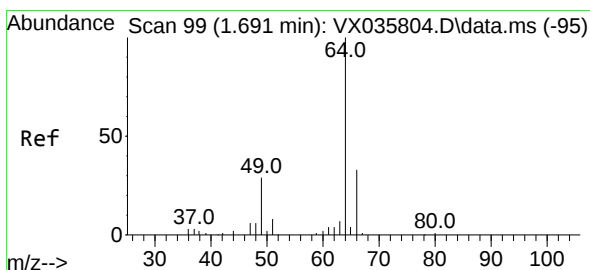
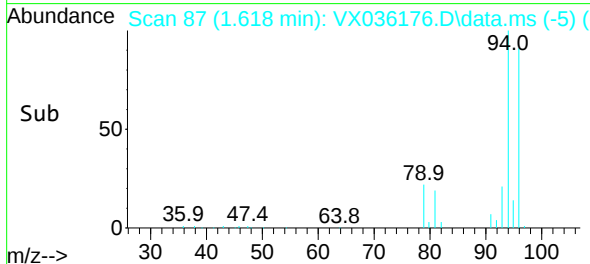
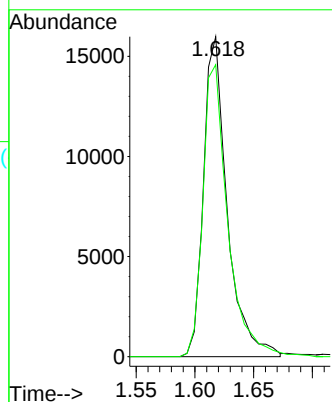
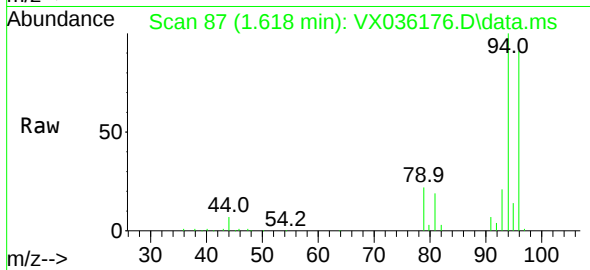
VSTDCCC020EC

Tgt Ion: 94 Resp: 22439

Ion Ratio Lower Upper

94 100

96 91.2 73.4 110.0



#6

Chloroethane

Concen: 14.718 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX036176.D

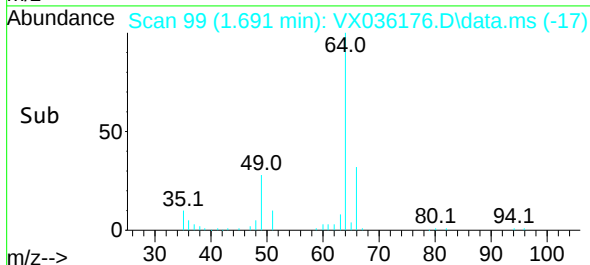
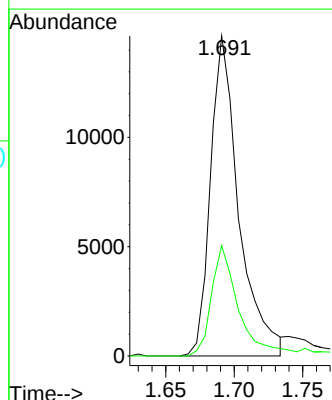
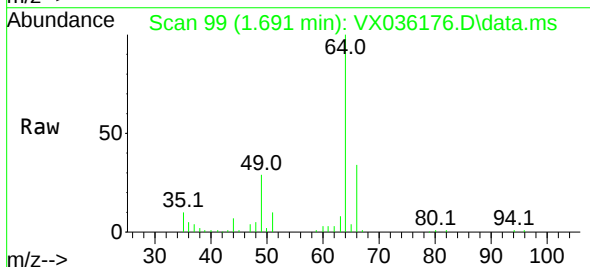
Acq: 15 Jun 2023 18:12

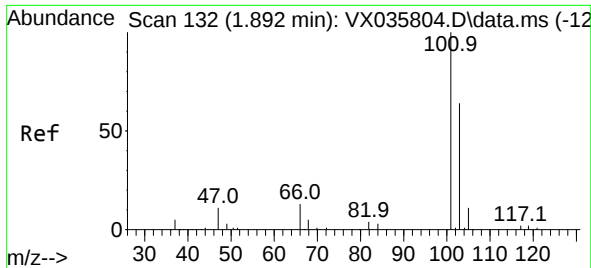
Tgt Ion: 64 Resp: 21040

Ion Ratio Lower Upper

64 100

66 34.5 26.6 40.0

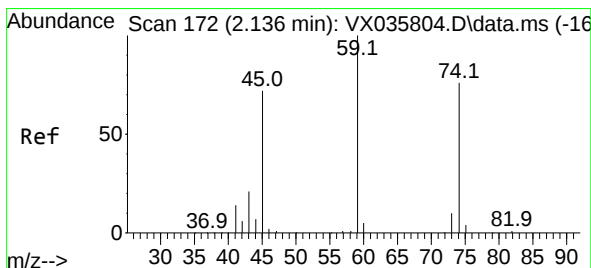
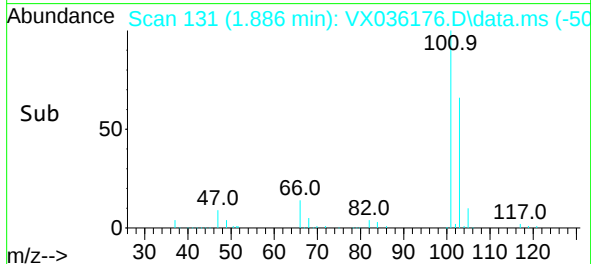
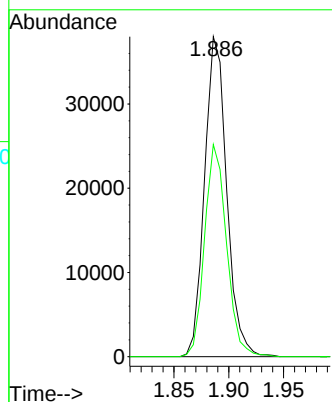
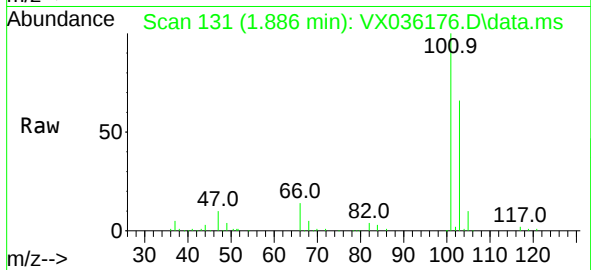




#7  
 Trichlorofluoromethane  
 Concen: 15.546 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

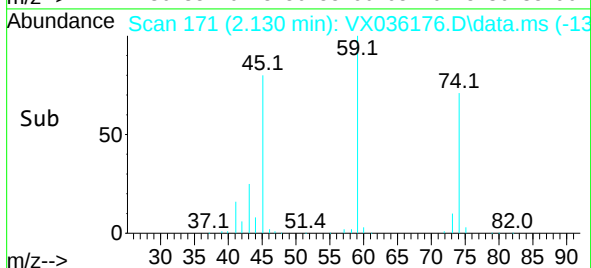
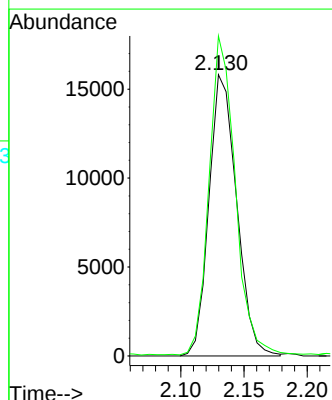
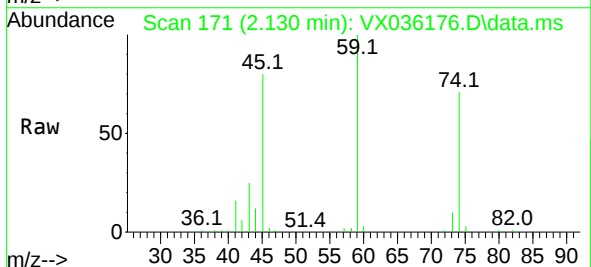
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

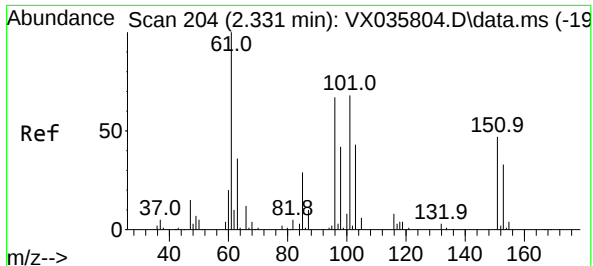
Tgt Ion:101 Resp: 53441  
 Ion Ratio Lower Upper  
 101 100  
 103 66.3 52.1 78.1



#8  
 Diethyl Ether  
 Concen: 16.826 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

Tgt Ion: 74 Resp: 24048  
 Ion Ratio Lower Upper  
 74 100  
 45 108.5 20.5 184.5

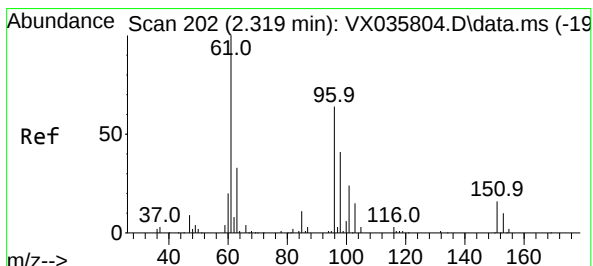
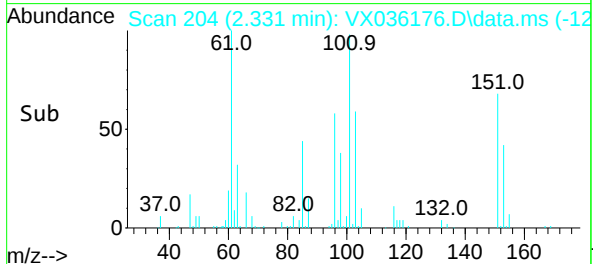
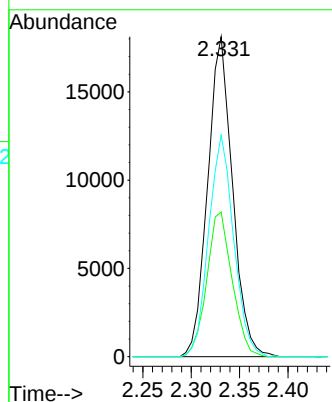
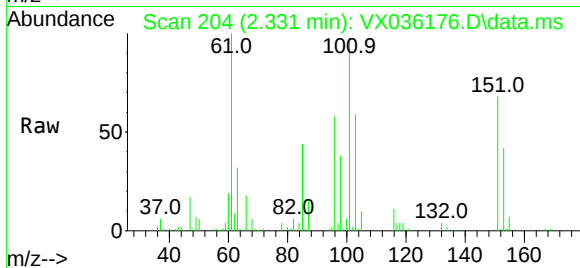




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 17.550 ug/l  
 RT: 2.331 min Scan# 204  
 Delta R.T. 0.000 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

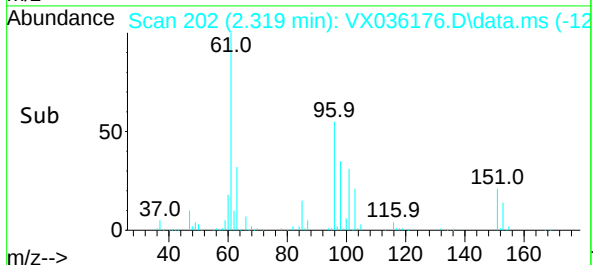
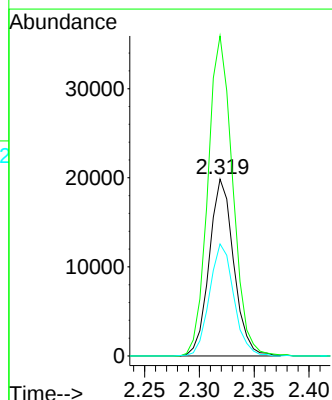
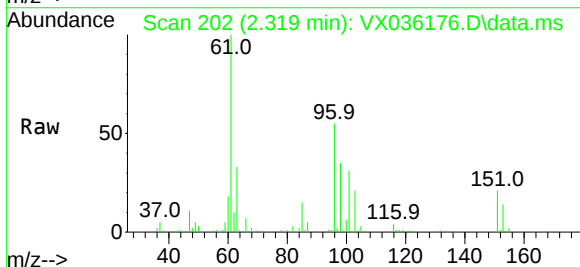
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

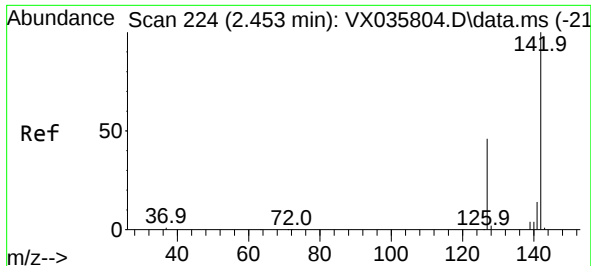
Tgt Ion:101 Resp: 32458  
 Ion Ratio Lower Upper  
 101 100  
 85 46.1 0.0 88.8  
 151 69.6 0.0 147.6



#10  
 1,1-Dichloroethene  
 Concen: 16.041 ug/l  
 RT: 2.319 min Scan# 202  
 Delta R.T. 0.000 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

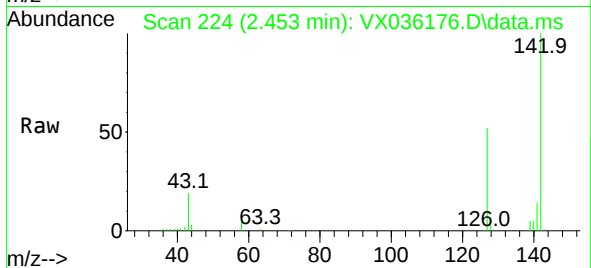
Tgt Ion: 96 Resp: 30928  
 Ion Ratio Lower Upper  
 96 100  
 61 181.0 135.8 203.6  
 98 63.3 49.8 74.6



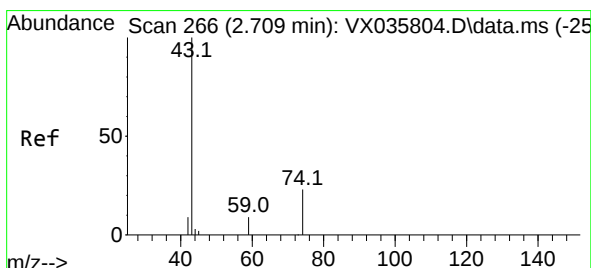
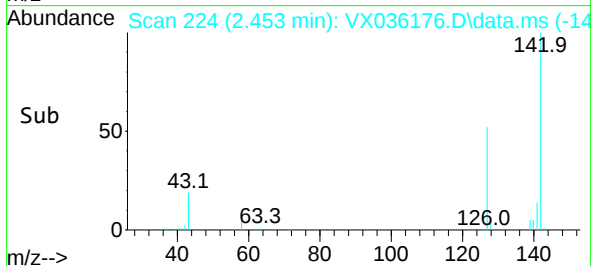
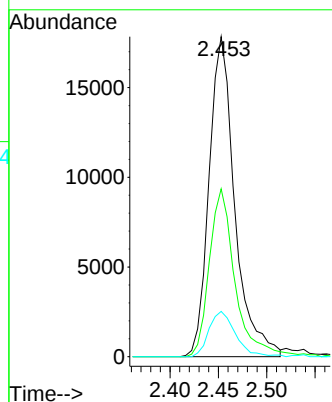


#11  
Methyl Iodide  
Concen: 14.155 ug/l  
RT: 2.453 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

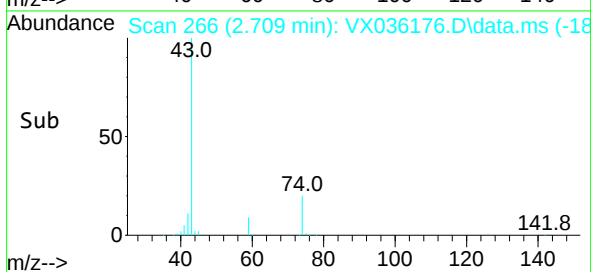
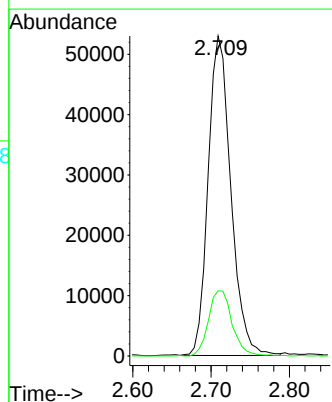
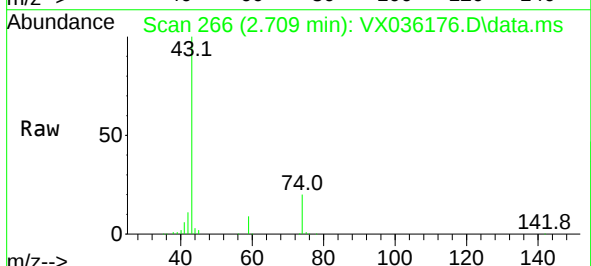


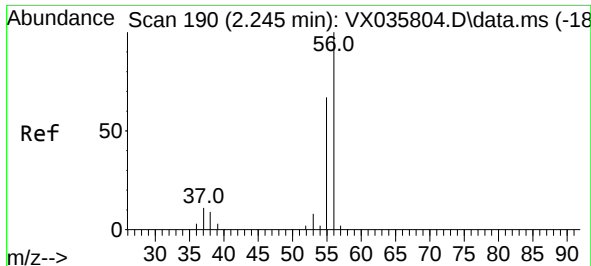
Tgt Ion:142 Resp: 32969  
Ion Ratio Lower Upper  
142 100  
127 52.2 24.5 73.5  
141 14.1 7.6 22.8



#12  
Methyl Acetate  
Concen: 19.581 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 43 Resp: 106679  
Ion Ratio Lower Upper  
43 100  
74 20.3 18.0 27.0

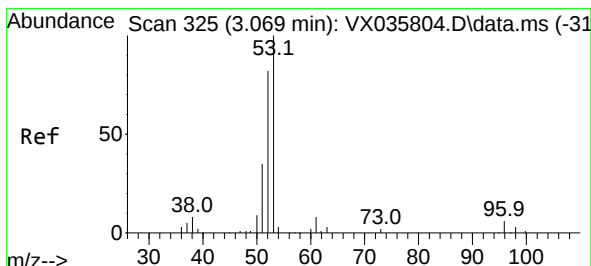
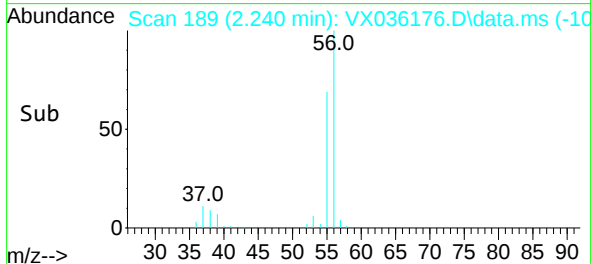
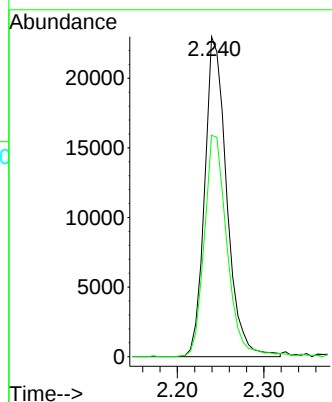
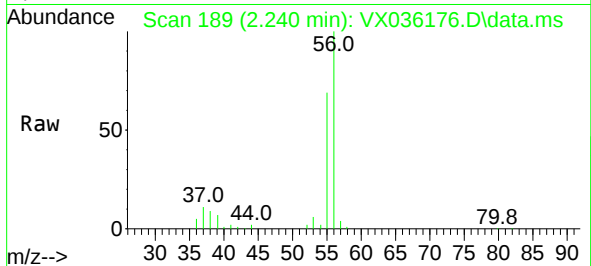




#13  
Acrolein  
Concen: 94.363 ug/l  
RT: 2.240 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

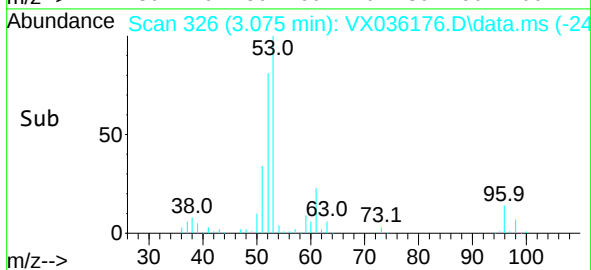
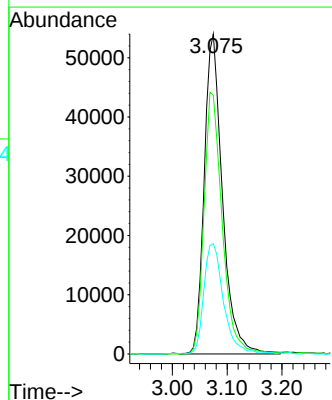
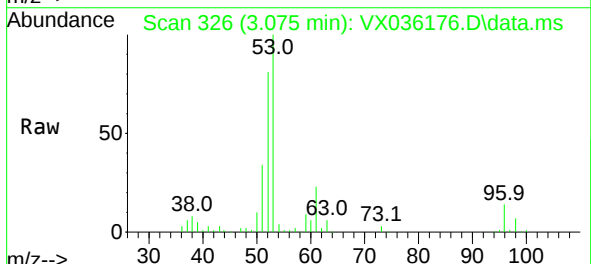
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

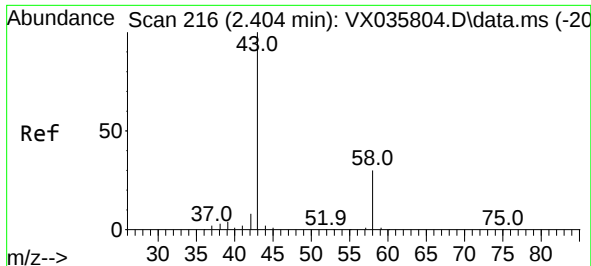
Tgt Ion: 56 Resp: 40639  
Ion Ratio Lower Upper  
56 100  
55 71.1 56.6 85.0



#14  
Acrylonitrile  
Concen: 91.205 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.006 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 53 Resp: 124562  
Ion Ratio Lower Upper  
53 100  
52 81.6 41.3 123.7  
51 36.1 17.9 53.7

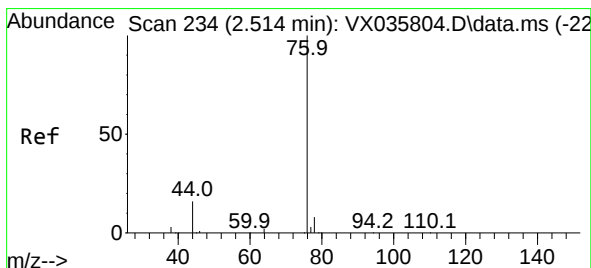
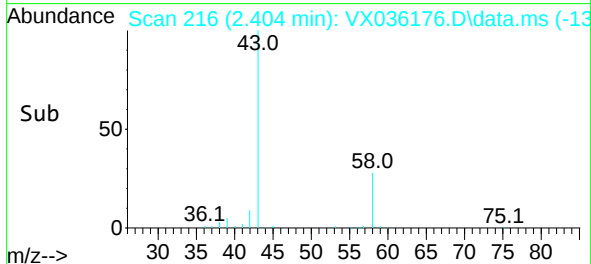
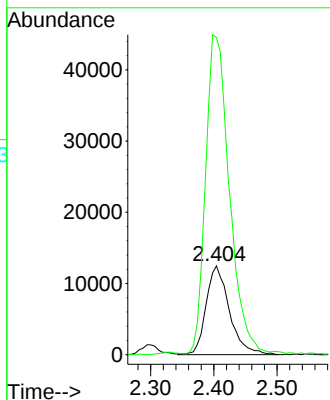
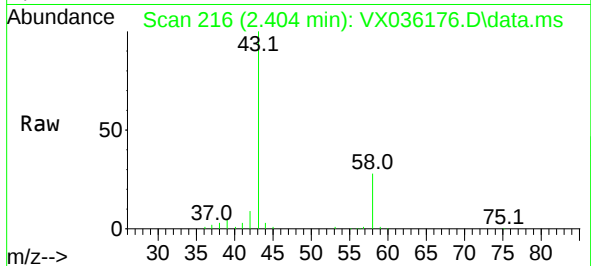




#15  
Acetone  
Concen: 78.106 ug/l  
RT: 2.404 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

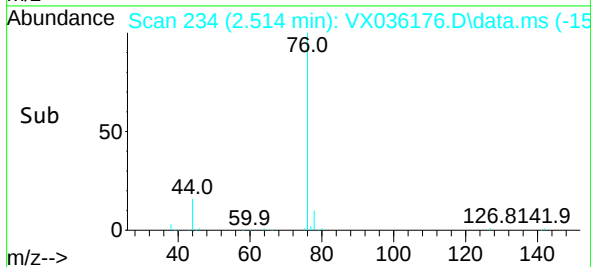
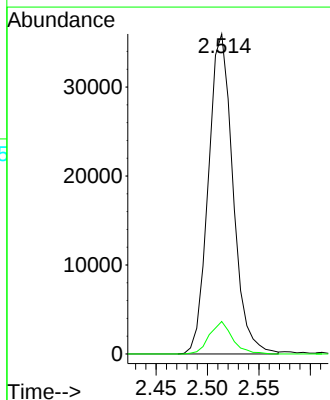
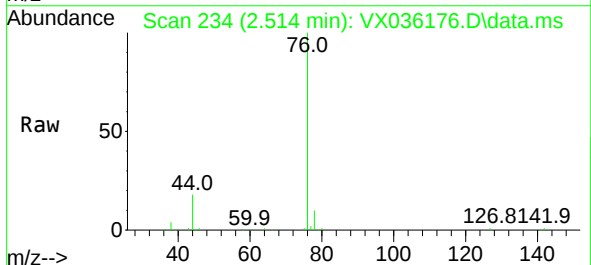
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

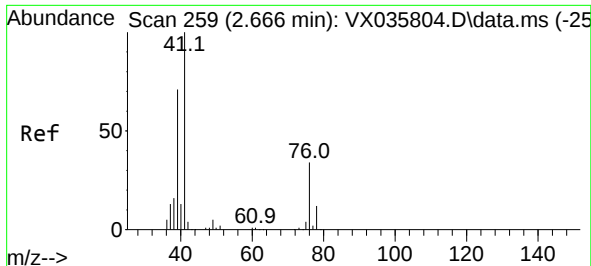
Tgt Ion: 58 Resp: 31907  
Ion Ratio Lower Upper  
58 100  
43 355.5 270.8 406.2



#16  
Carbon Disulfide  
Concen: 14.290 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 76 Resp: 59795  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.0 10.6

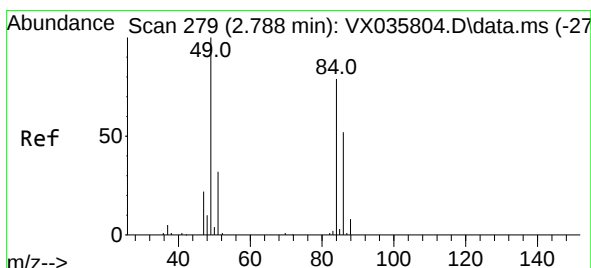
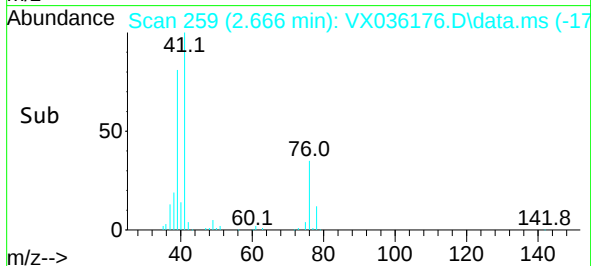
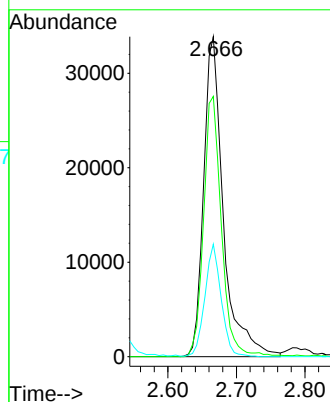
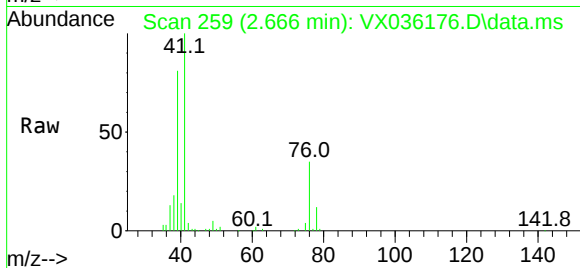




#17  
 Allyl chloride  
 Concen: 17.443 ug/l  
 RT: 2.666 min Scan# 259  
 Delta R.T. 0.000 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

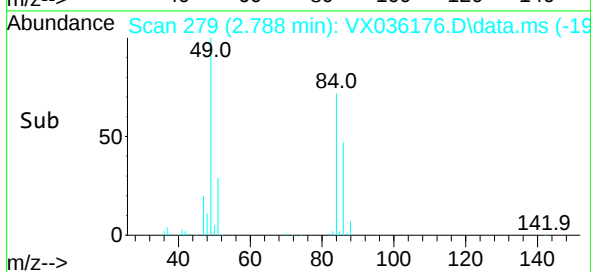
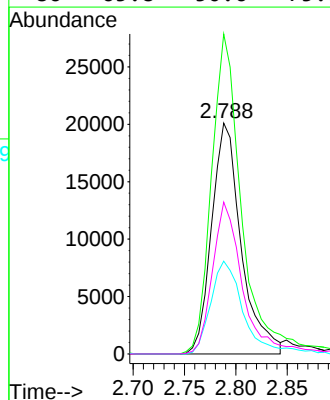
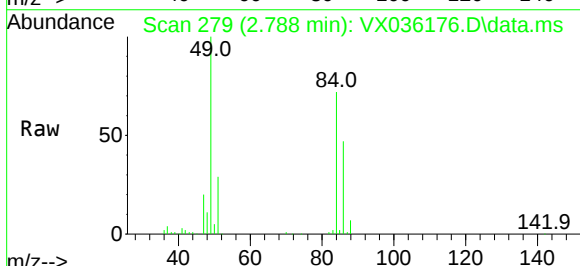
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

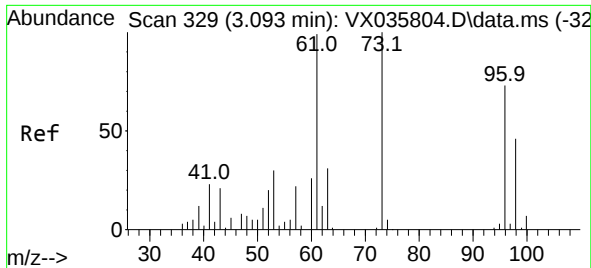
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 67851 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 81.3  | 36.4  | 109.3 |
| 76       | 35.2  | 17.0  | 51.0  |



#18  
 Methylene Chloride  
 Concen: 16.012 ug/l  
 RT: 2.788 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 40205 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 138.6 | 103.9 | 155.9 |
| 51       | 40.2  | 30.6  | 45.8  |
| 86       | 65.8  | 50.6  | 75.8  |

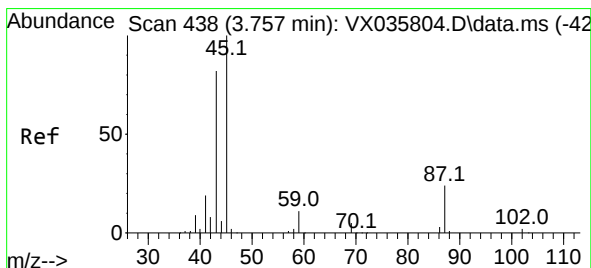
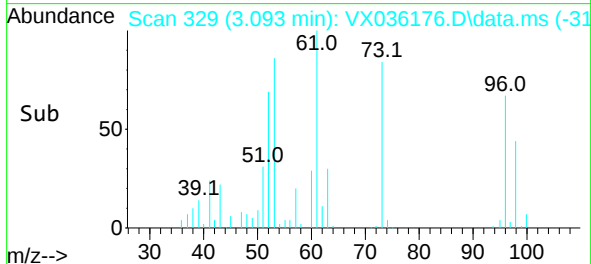
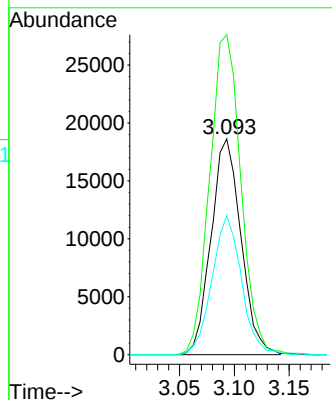
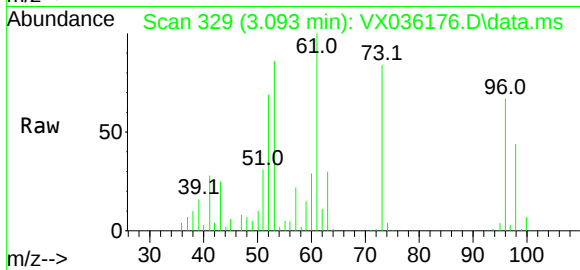




#19  
trans-1,2-Dichloroethene  
Concen: 16.250 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

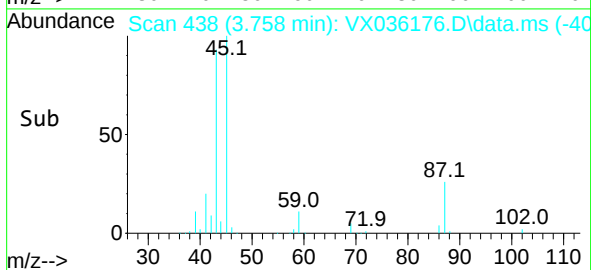
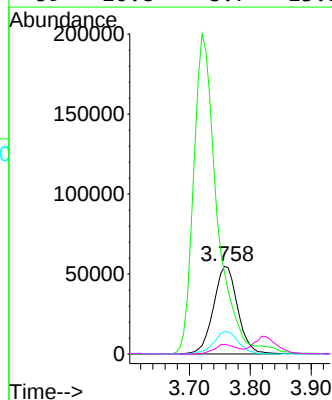
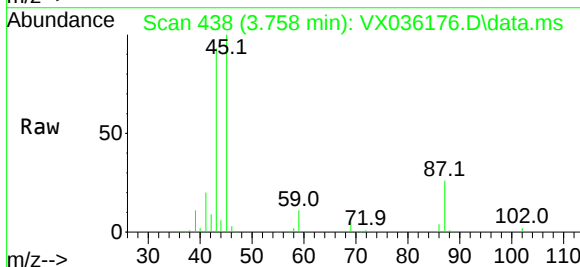
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

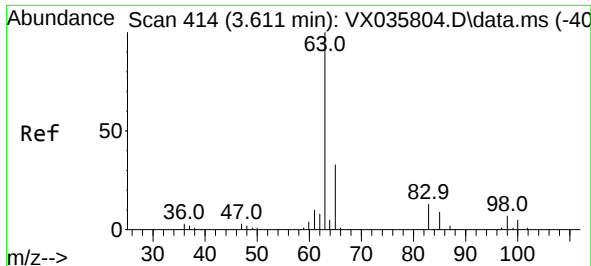
Tgt Ion: 96 Resp: 35319  
Ion Ratio Lower Upper  
96 100  
61 147.9 111.1 166.7  
98 64.6 48.6 72.8



#20  
Diisopropyl ether  
Concen: 17.962 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 45 Resp: 150833  
Ion Ratio Lower Upper  
45 100  
43 89.2 66.0 99.0  
87 25.5 21.8 32.6  
59 10.8 8.7 13.1

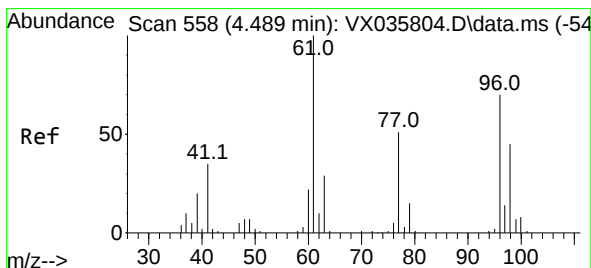
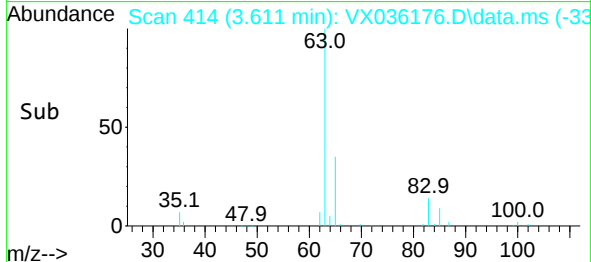
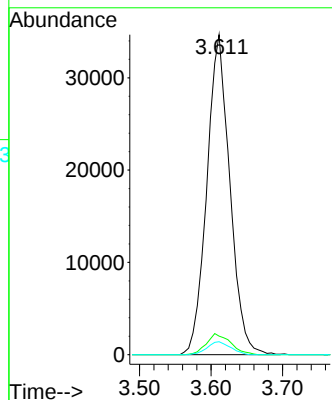
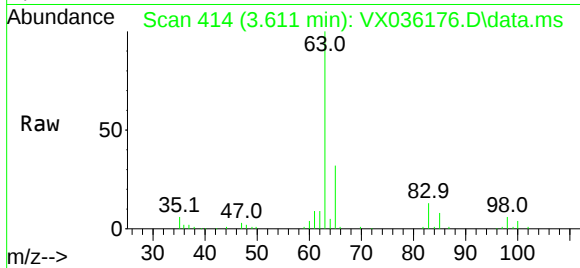




#21  
 1,1-Dichloroethane  
 Concen: 17.603 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

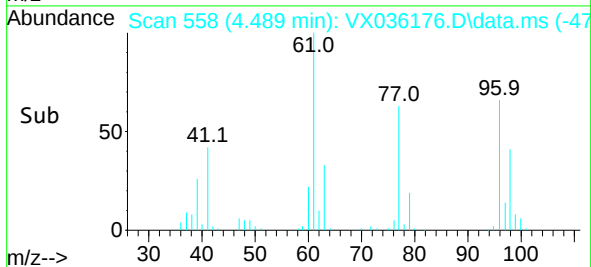
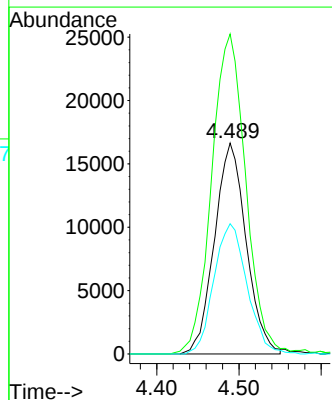
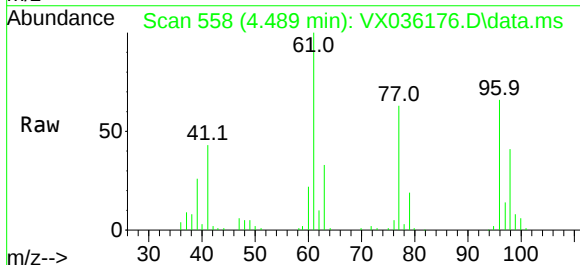
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

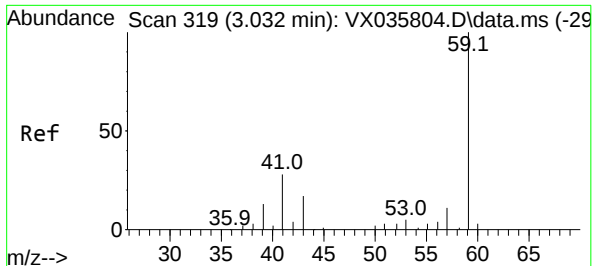
Tgt Ion: 63 Resp: 77480  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 3.5 10.6  
 100 4.0 2.2 6.6



#22  
 cis-1,2-Dichloroethene  
 Concen: 16.578 ug/l  
 RT: 4.489 min Scan# 558  
 Delta R.T. 0.000 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

Tgt Ion: 96 Resp: 44586  
 Ion Ratio Lower Upper  
 96 100  
 61 162.9 121.7 182.5  
 98 64.5 52.2 78.2

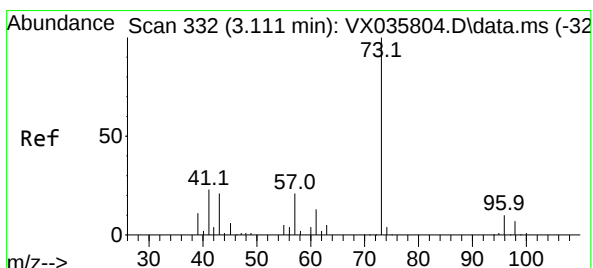
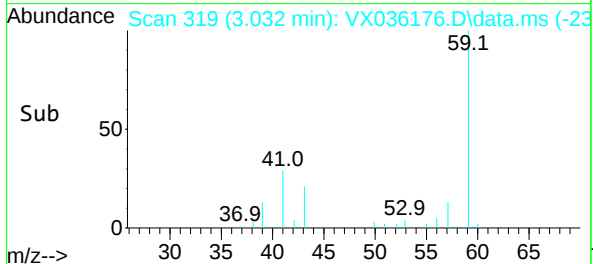
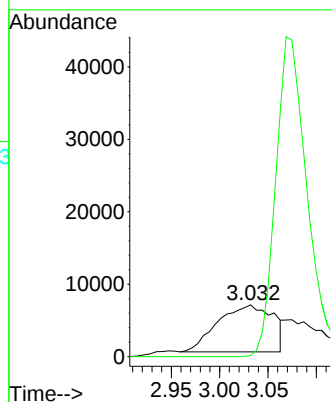
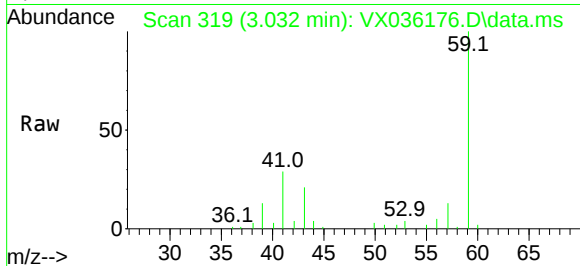




#23  
tert-Butyl Alcohol  
Concen: 51.788 ug/l  
RT: 3.032 min Scan# 319  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

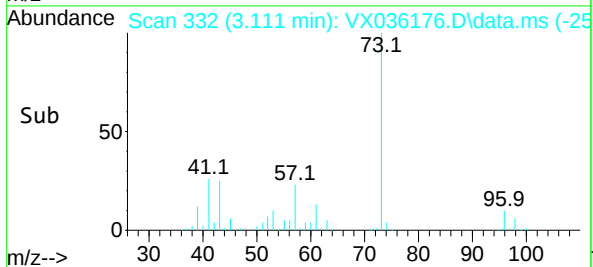
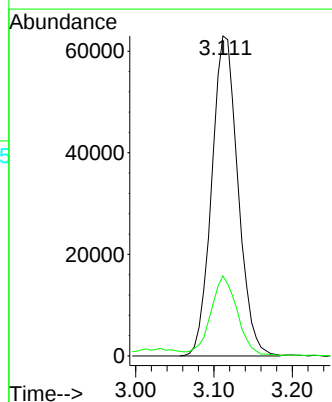
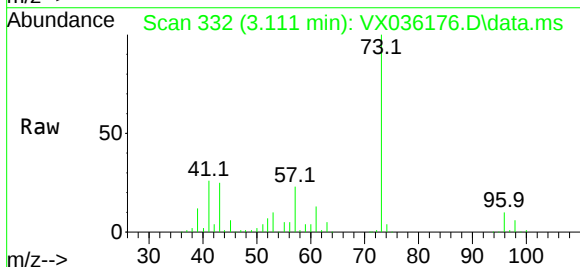
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

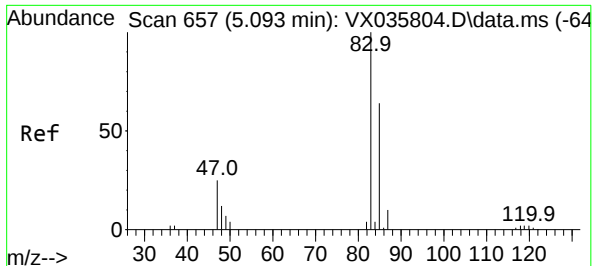
Tgt Ion: 59 Resp: 25818  
Ion Ratio Lower Upper  
59 100  
52 393.5 0.2 0.4#



#24  
Methyl tert-Butyl Ether  
Concen: 18.918 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 73 Resp: 147010  
Ion Ratio Lower Upper  
73 100  
43 25.4 17.9 26.9

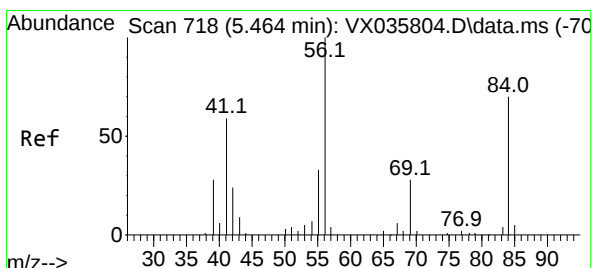
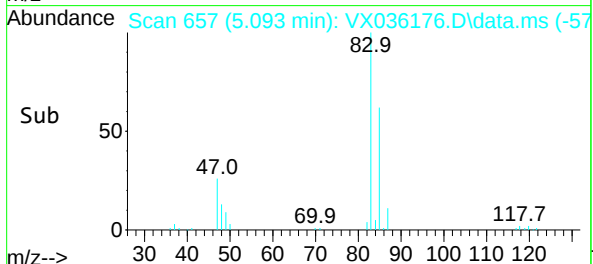
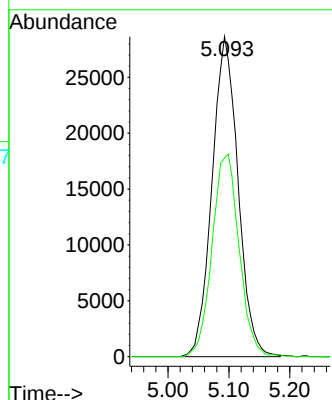
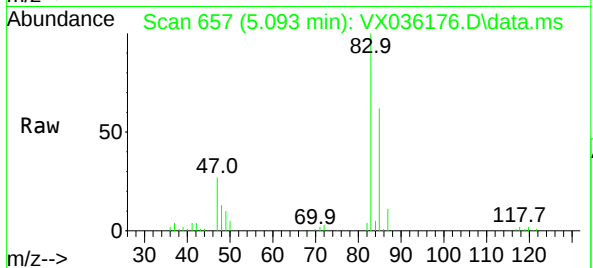




#25  
Chloroform  
Concen: 18.806 ug/l  
RT: 5.093 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

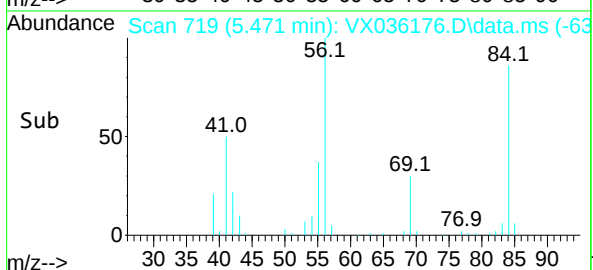
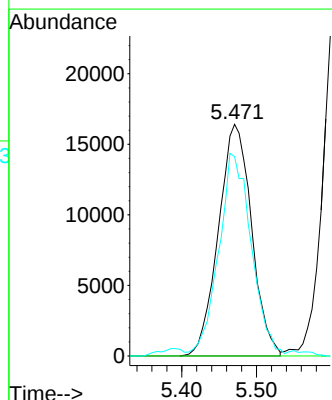
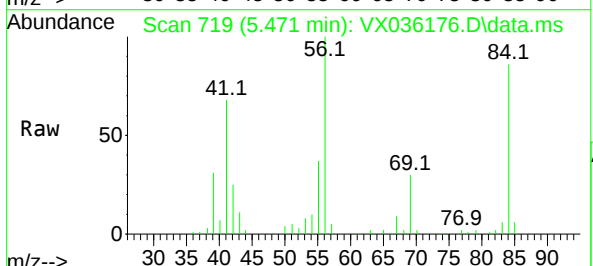
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

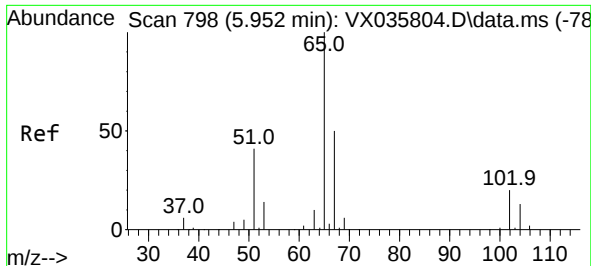
Tgt Ion: 83 Resp: 84941  
Ion Ratio Lower Upper  
83 100  
85 62.1 51.2 76.8



#26  
Cyclohexane  
Concen: 15.200 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 56 Resp: 50598  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 86.1 67.4 101.2

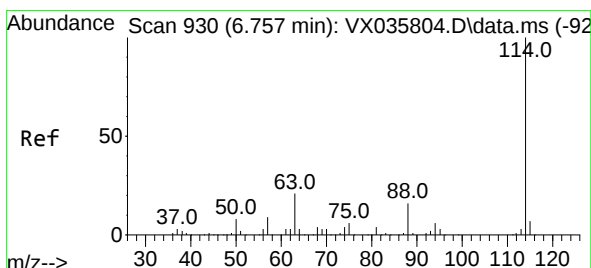
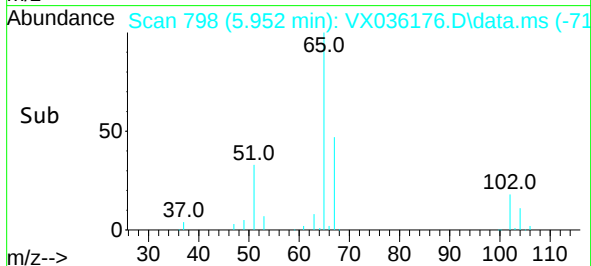
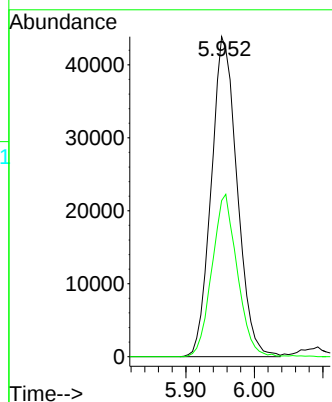
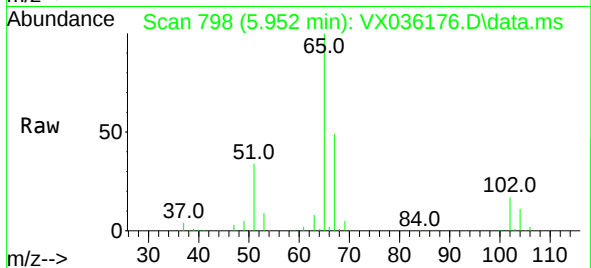




#27  
 1,2-Dichloroethane-d4  
 Concen: 35.972 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

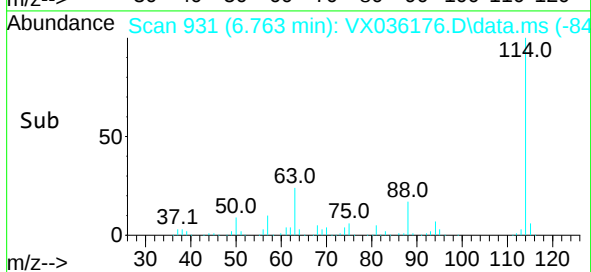
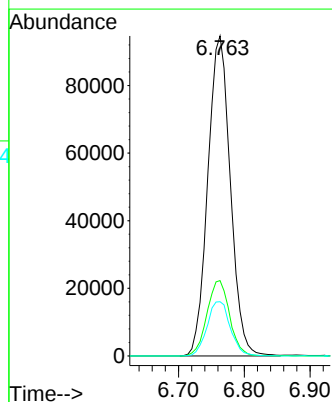
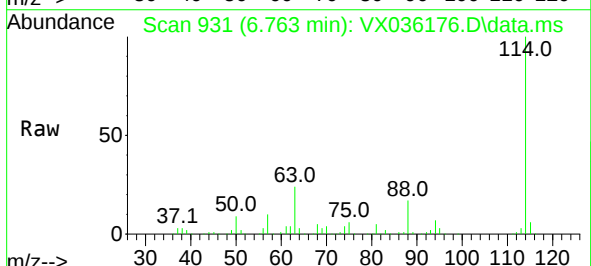
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

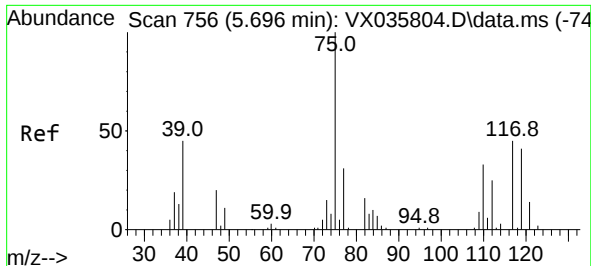
Tgt Ion: 65 Resp: 114962  
 Ion Ratio Lower Upper  
 65 100  
 67 49.4 40.9 61.3



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.006 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

Tgt Ion: 114 Resp: 225590  
 Ion Ratio Lower Upper  
 114 100  
 63 23.6 18.0 27.0  
 88 17.5 13.3 19.9





#29

1,1-Dichloropropene

Concen: 16.672 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

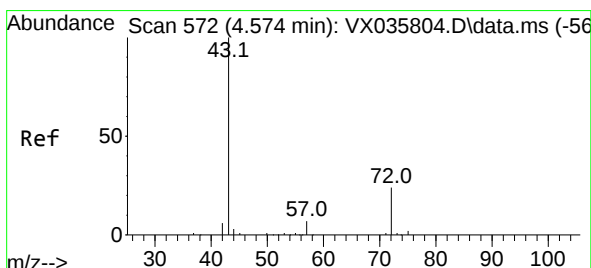
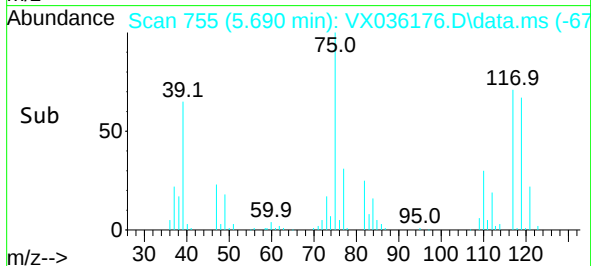
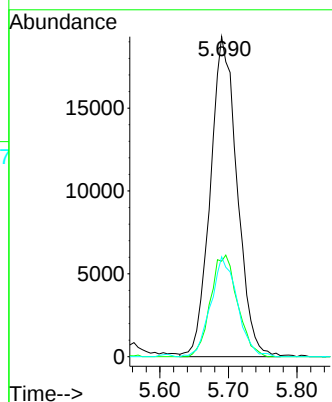
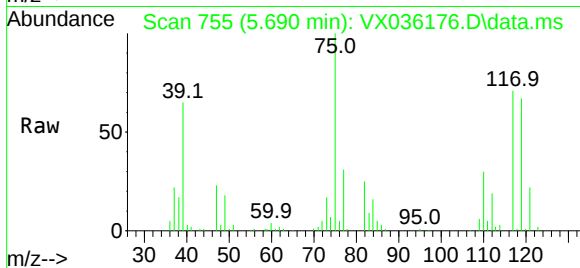
Tgt Ion: 75 Resp: 52373

Ion Ratio Lower Upper

75 100

110 32.0 0.0 71.4

77 30.4 0.0 61.6



#30

2-Butanone

Concen: 85.758 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

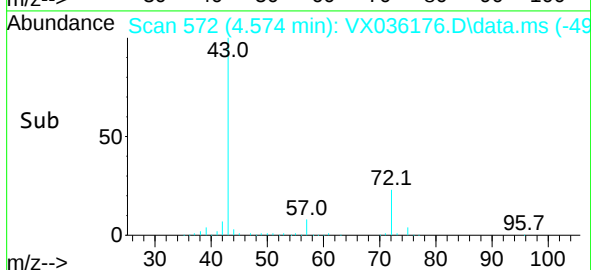
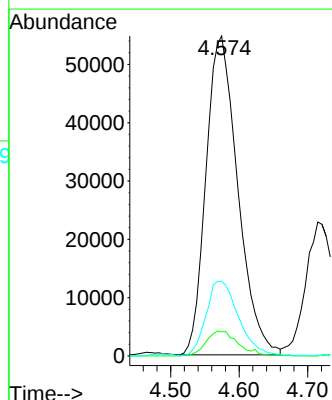
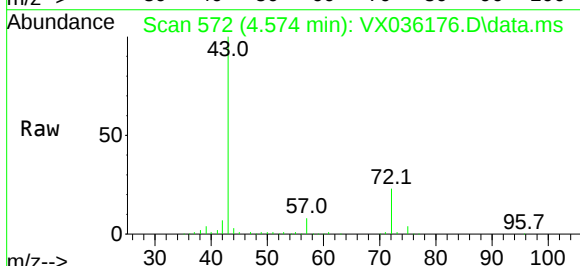
Tgt Ion: 43 Resp: 176355

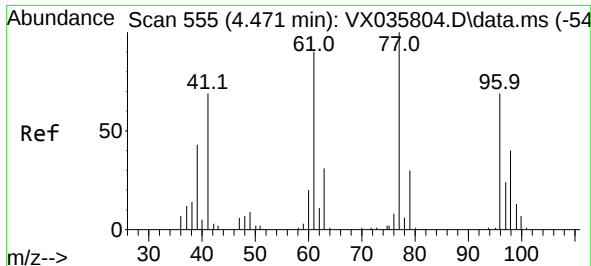
Ion Ratio Lower Upper

43 100

57 7.4 6.3 9.5

72 24.1 19.6 29.4

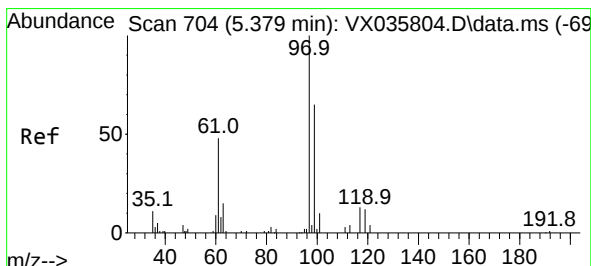
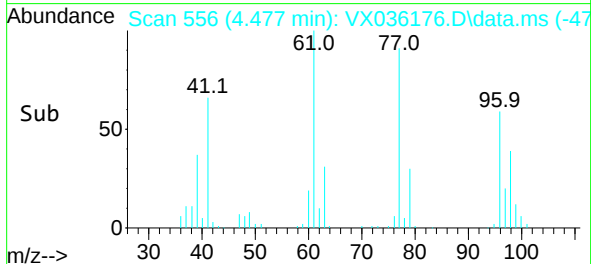
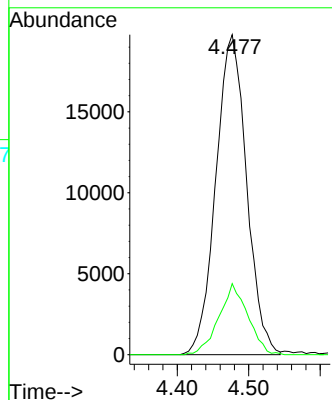
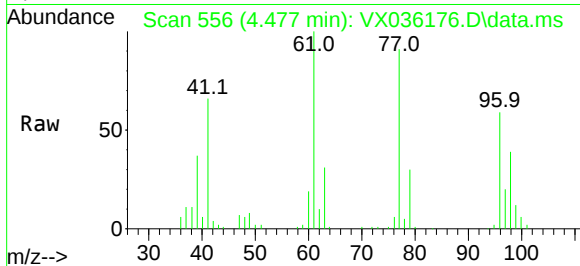




#31  
2,2-Dichloropropane  
Concen: 17.478 ug/l  
RT: 4.477 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

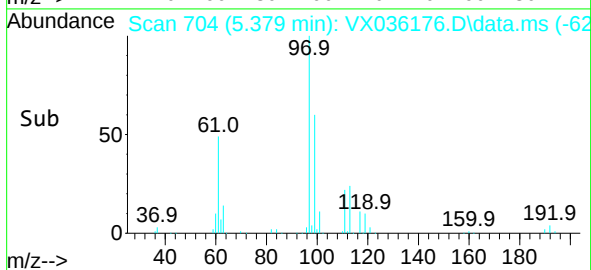
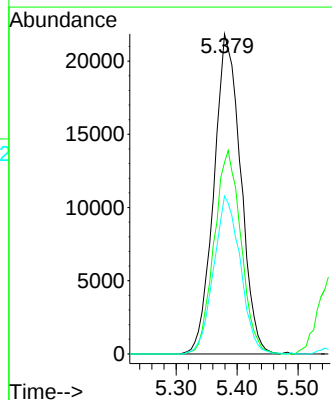
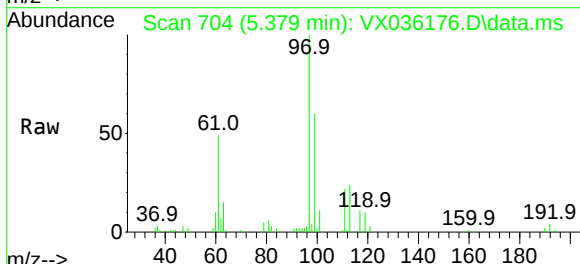
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

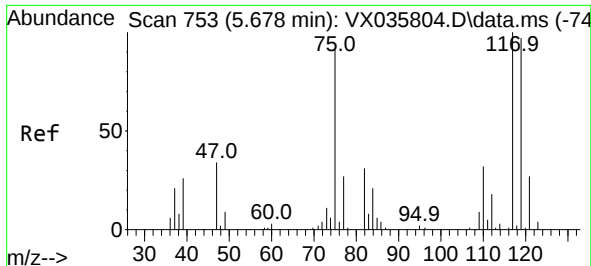
Tgt Ion: 77 Resp: 58989  
Ion Ratio Lower Upper  
77 100  
97 20.8 18.2 27.4



#32  
1,1,1-Trichloroethane  
Concen: 18.182 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 97 Resp: 66700  
Ion Ratio Lower Upper  
97 100  
99 63.6 51.3 76.9  
61 49.1 36.6 55.0

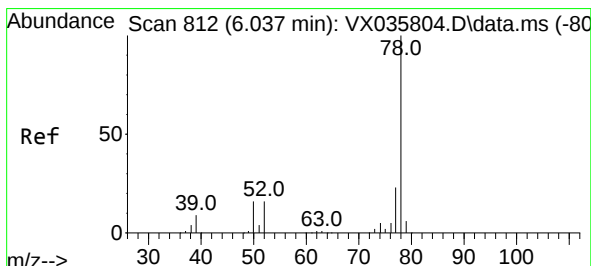
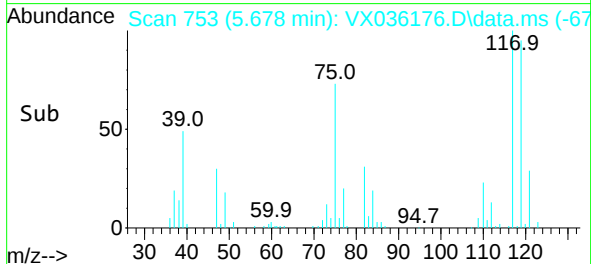
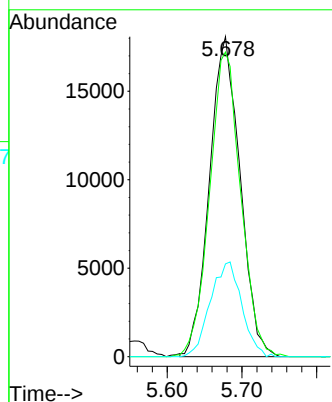
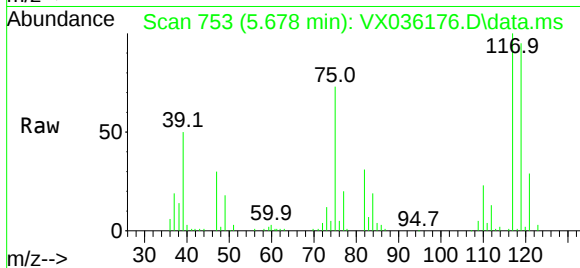




#33  
Carbon Tetrachloride  
Concen: 17.806 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

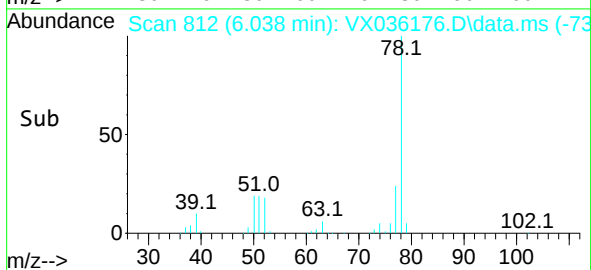
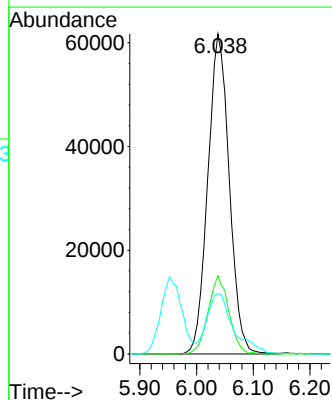
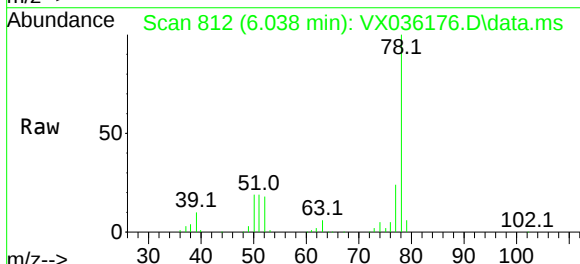
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

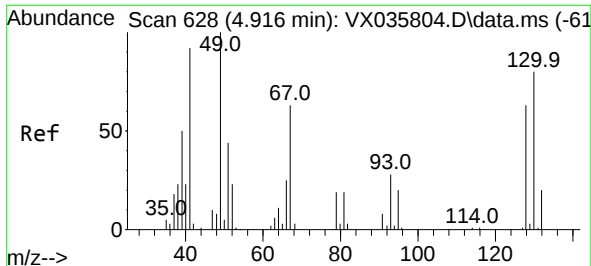
Tgt Ion:117 Resp: 51581  
Ion Ratio Lower Upper  
117 100  
119 94.6 73.3 109.9  
121 29.0 24.0 36.0



#34  
Benzene  
Concen: 16.340 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 78 Resp: 161935  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.0 28.4  
51 18.9 14.6 21.8





#35

Methacrylonitrile

Concen: 18.372 ug/l

RT: 4.922 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 40315

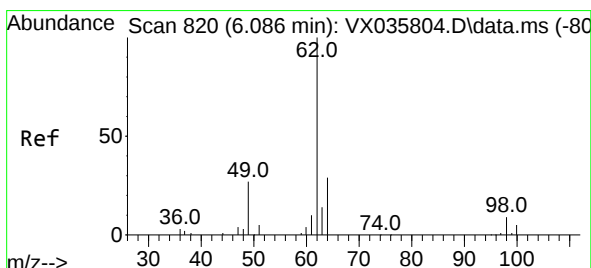
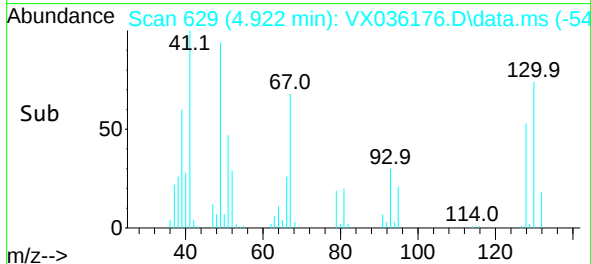
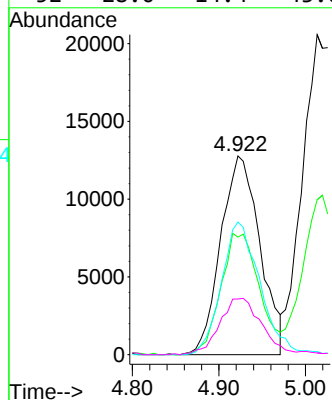
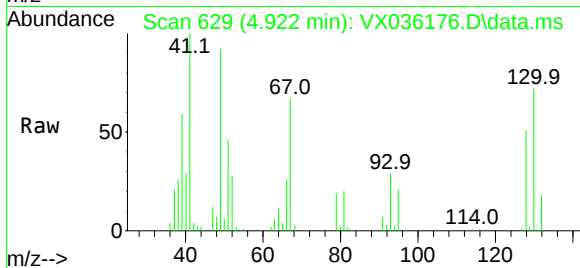
Ion Ratio Lower Upper

41 100

39 59.2 28.0 84.0

67 66.8 31.6 94.7

52 28.0 14.4 43.0



#36

1,2-Dichloroethane

Concen: 19.780 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX036176.D

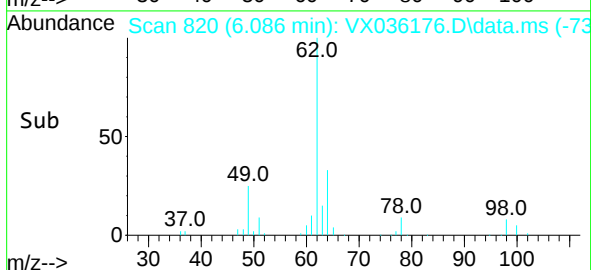
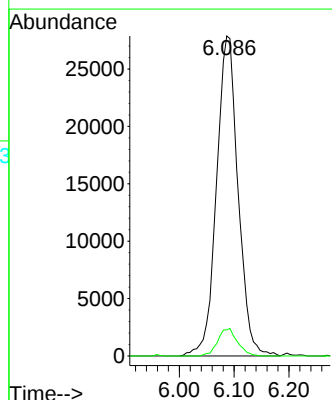
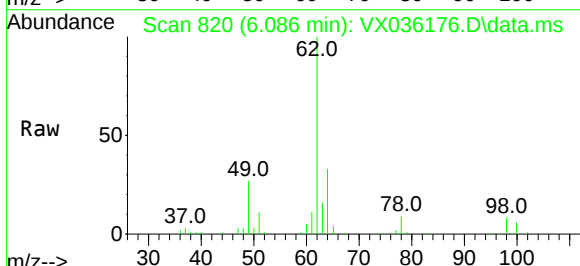
Acq: 15 Jun 2023 18:12

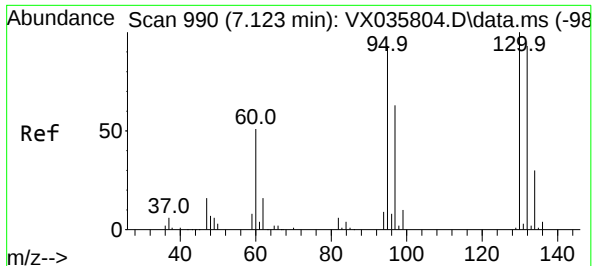
Tgt Ion: 62 Resp: 76289

Ion Ratio Lower Upper

62 100

98 7.9 7.0 10.6





#37

Trichloroethene

Concen: 15.427 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

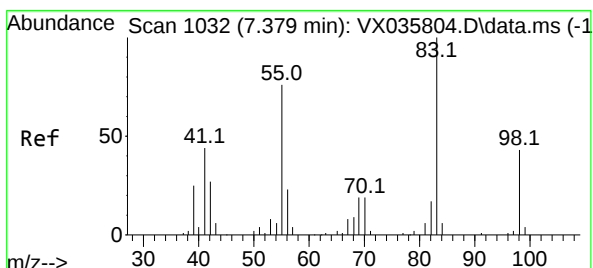
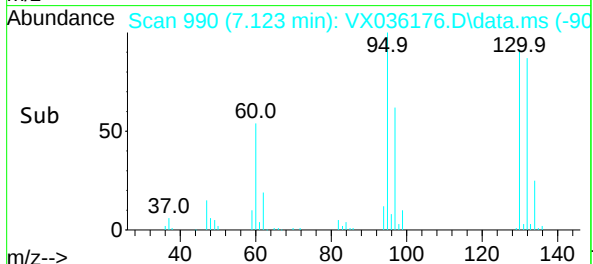
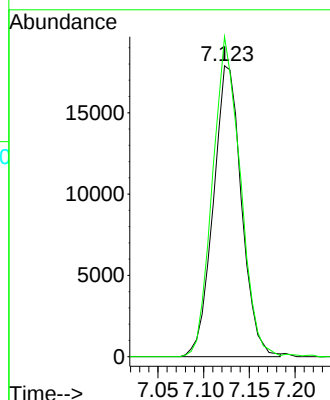
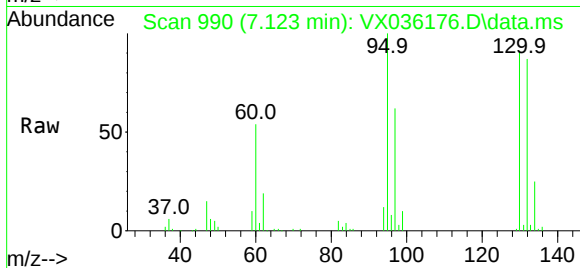
VSTDCCC020EC

Tgt Ion:130 Resp: 38430

Ion Ratio Lower Upper

130 100

95 110.0 77.8 116.6



#38

Methylcyclohexane

Concen: 14.268 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

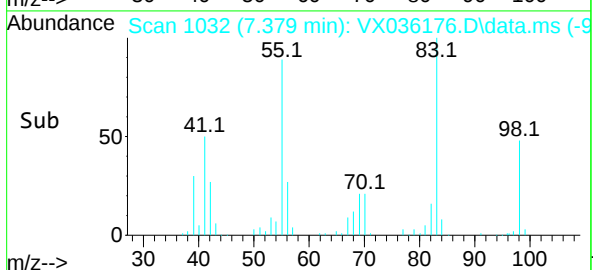
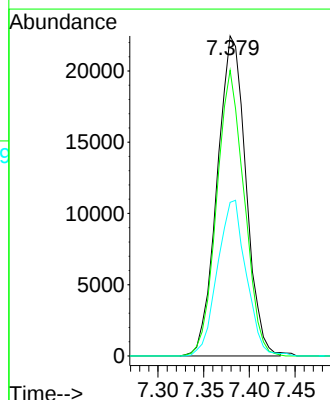
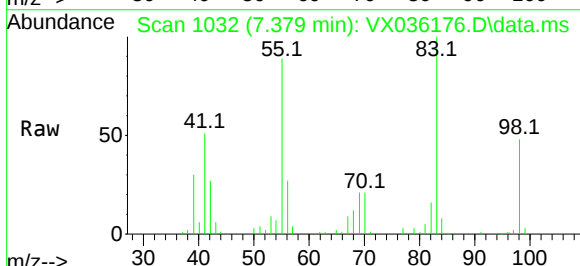
Tgt Ion: 83 Resp: 49155

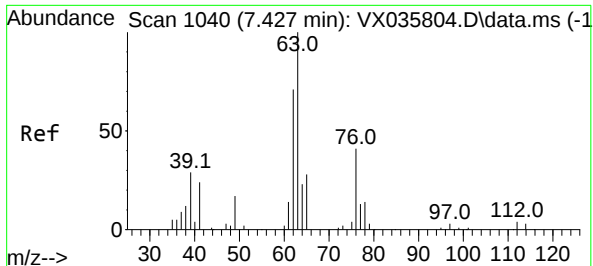
Ion Ratio Lower Upper

83 100

55 85.4 38.8 116.4

98 48.6 23.8 71.2





#39

1,2-Dichloropropane

Concen: 16.568 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

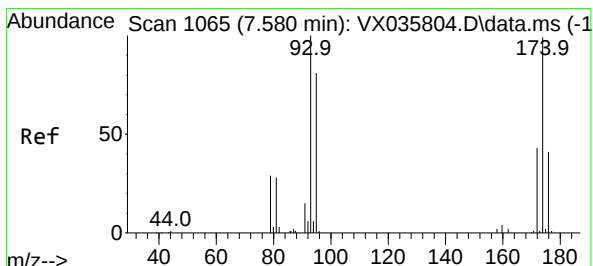
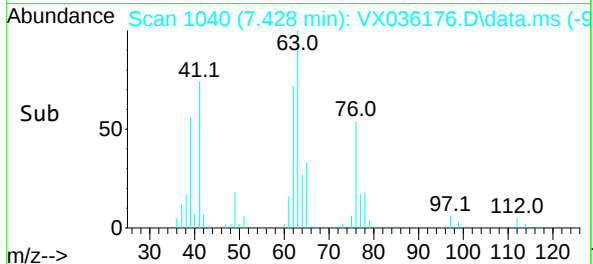
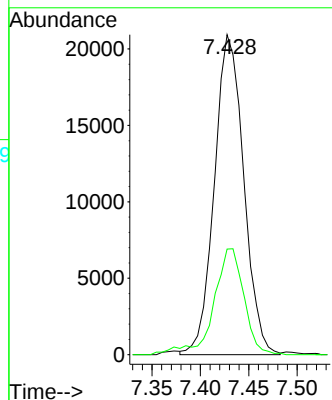
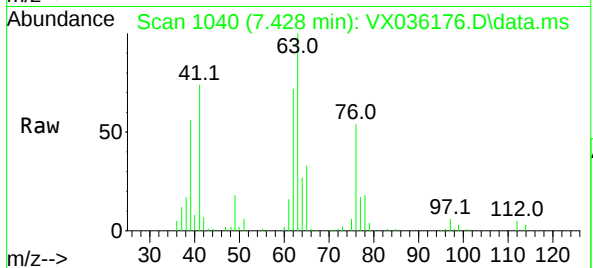
VSTDCCC020EC

Tgt Ion: 63 Resp: 44195

Ion Ratio Lower Upper

63 100

65 32.7 24.0 36.0



#40

Dibromomethane

Concen: 17.632 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

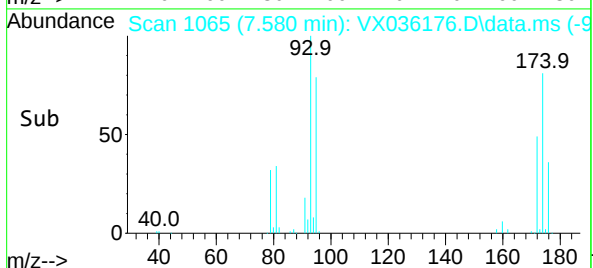
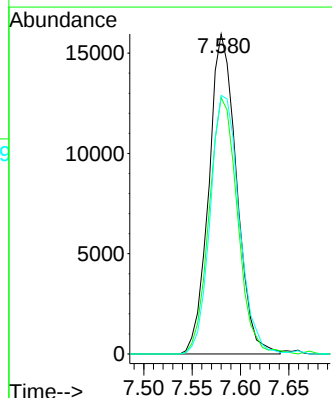
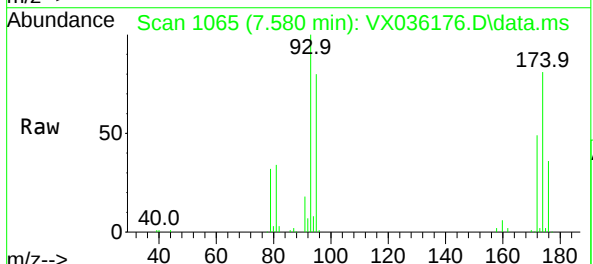
Tgt Ion: 93 Resp: 31810

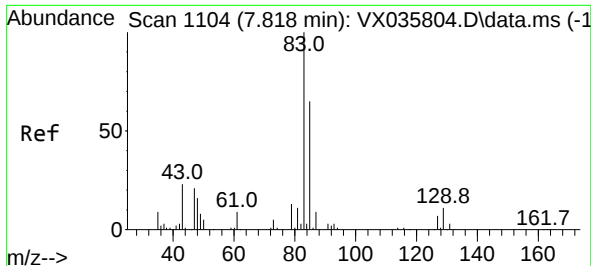
Ion Ratio Lower Upper

93 100

95 81.6 0.0 165.8

174 84.0 0.0 188.8

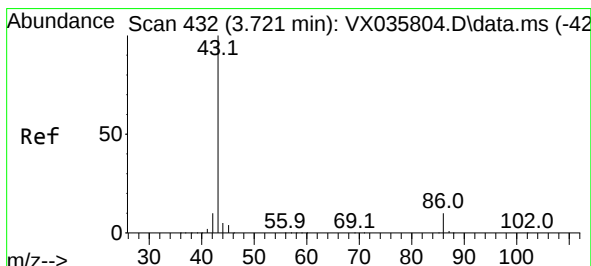
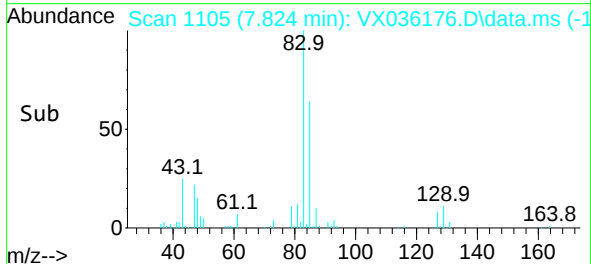
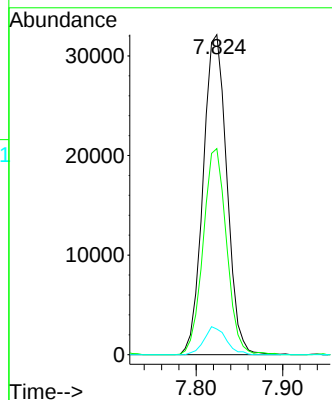
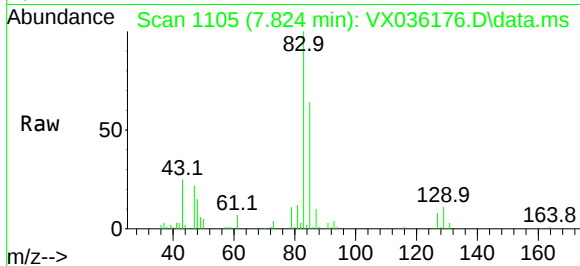




#41  
Bromodichloromethane  
Concen: 18.745 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

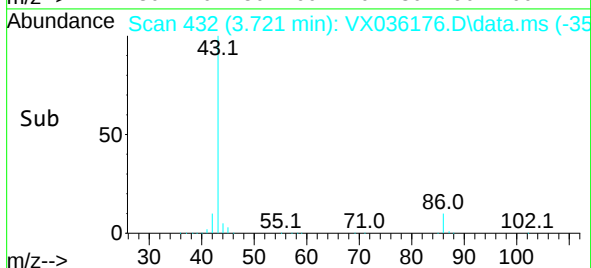
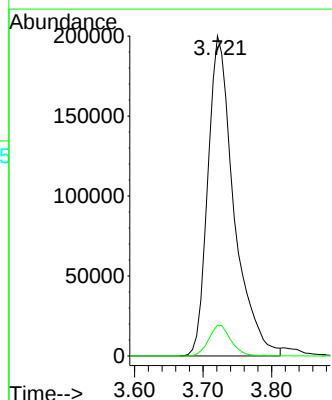
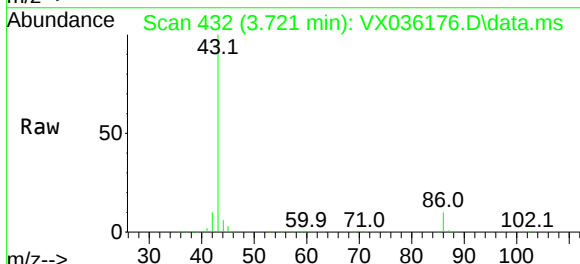
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

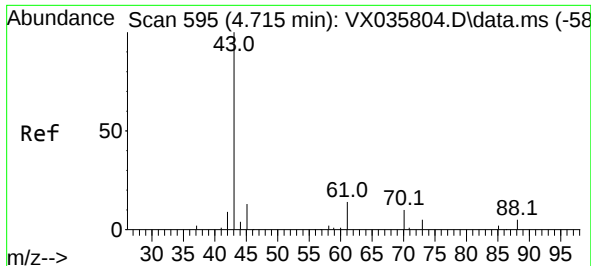
Tgt Ion: 83 Resp: 61138  
Ion Ratio Lower Upper  
83 100  
85 64.4 51.1 76.7  
127 8.0 8.2 12.4#



#42  
Vinyl Acetate  
Concen: 87.666 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 43 Resp: 529539  
Ion Ratio Lower Upper  
43 100  
86 8.2 6.9 10.3

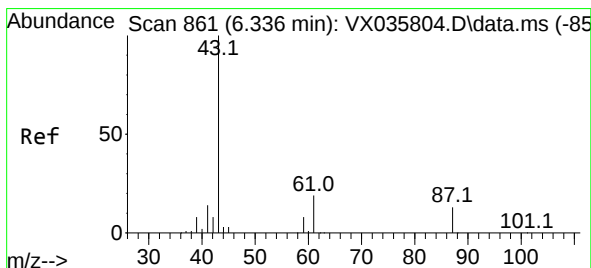
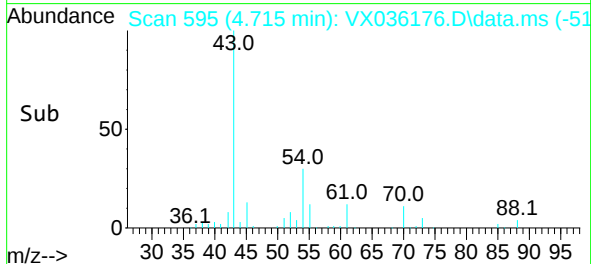
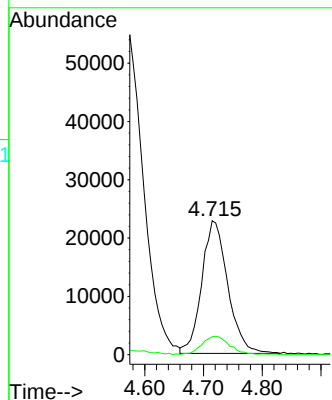
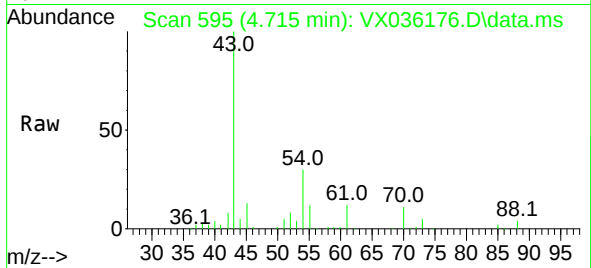




#43  
Ethyl Acetate  
Concen: 17.837 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

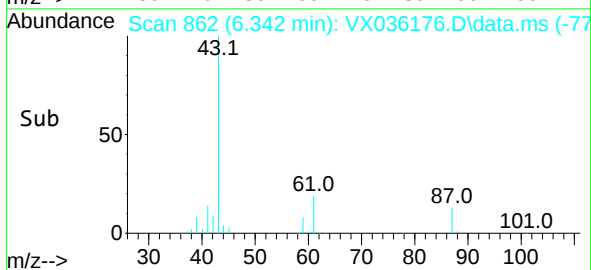
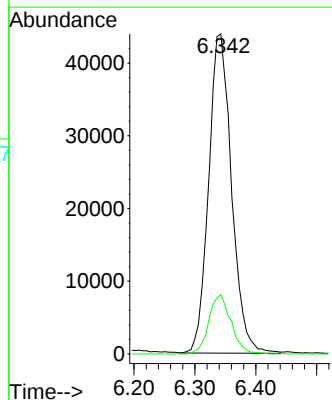
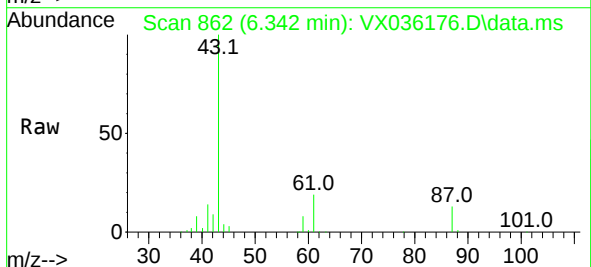
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

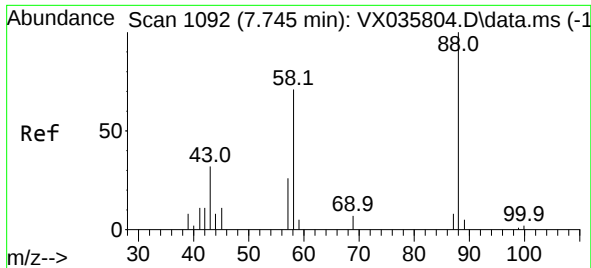
Tgt Ion: 43 Resp: 69953  
Ion Ratio Lower Upper  
43 100  
45 14.8 12.0 18.0



#44  
Isopropyl Acetate  
Concen: 17.953 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 43 Resp: 114768  
Ion Ratio Lower Upper  
43 100  
61 18.0 15.4 23.0

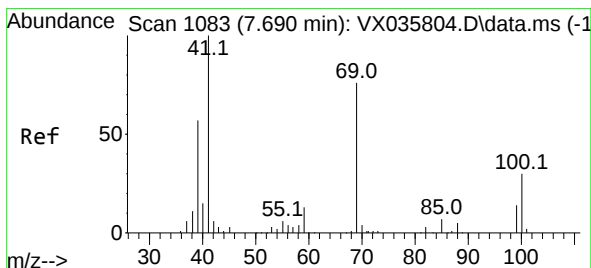
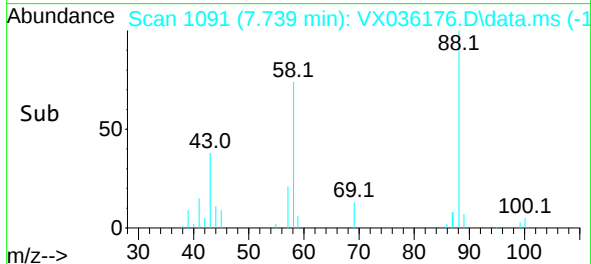
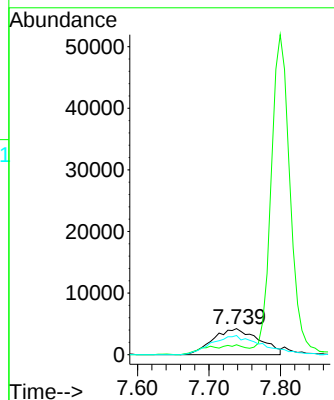
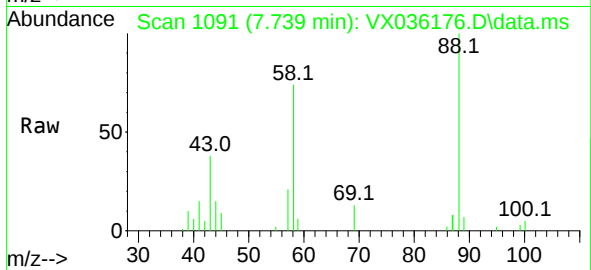




#45  
1,4-Dioxane  
Concen: 310.317 ug/l  
RT: 7.739 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

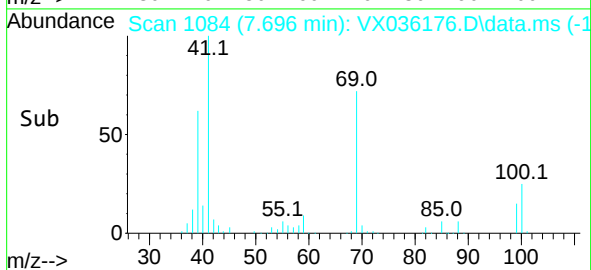
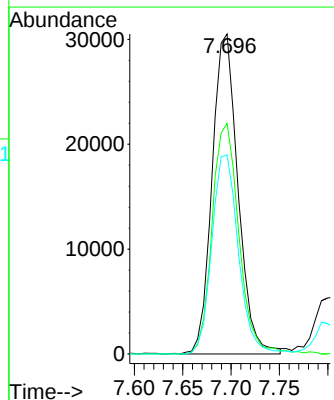
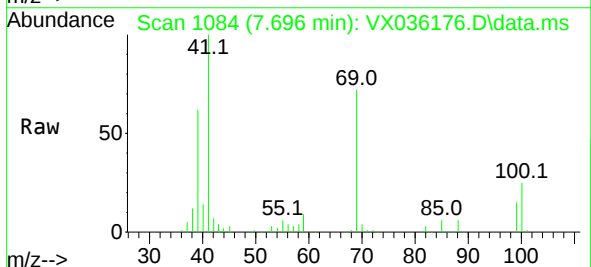
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

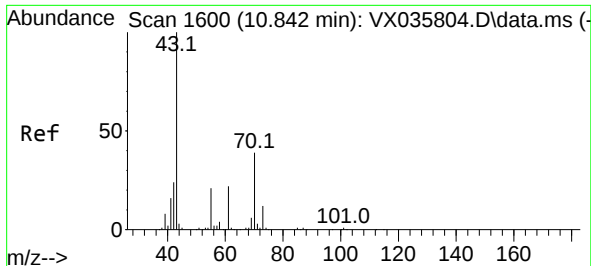
Tgt Ion: 88 Resp: 18842  
Ion Ratio Lower Upper  
88 100  
43 8.1 26.5 39.7#  
58 46.2 55.6 83.4#



#46  
Methyl methacrylate  
Concen: 18.413 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 41 Resp: 56874  
Ion Ratio Lower Upper  
41 100  
69 72.1 38.1 114.5  
39 62.2 31.4 94.3

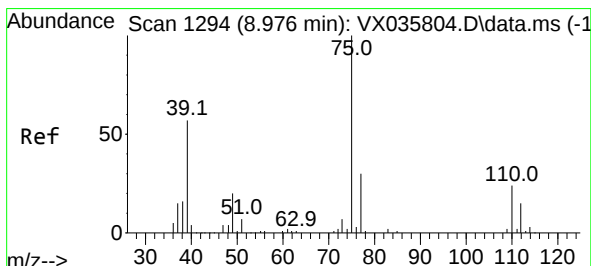
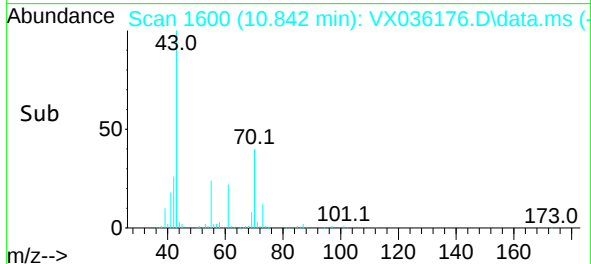
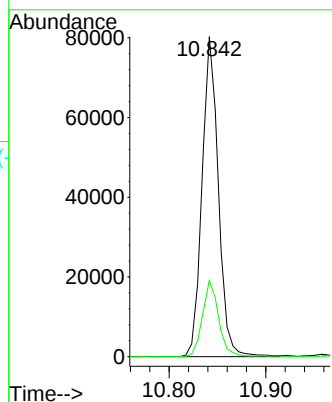
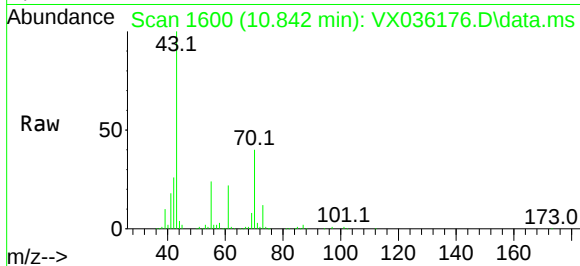




#47  
n-amy1 Acetate  
Concen: 17.585 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

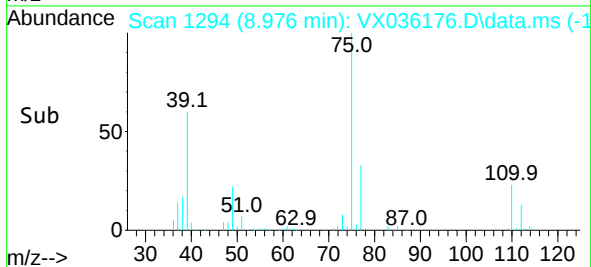
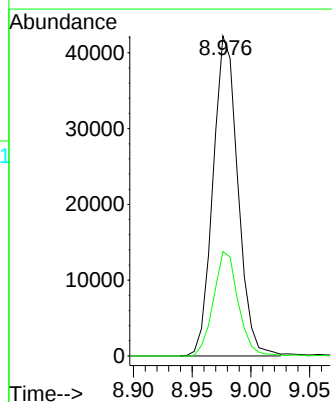
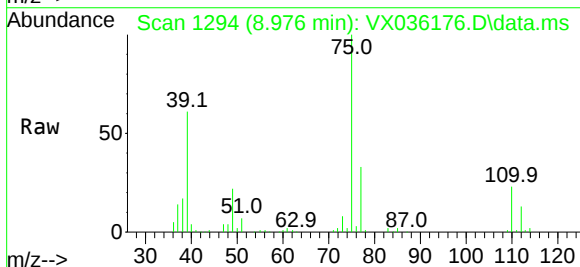
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

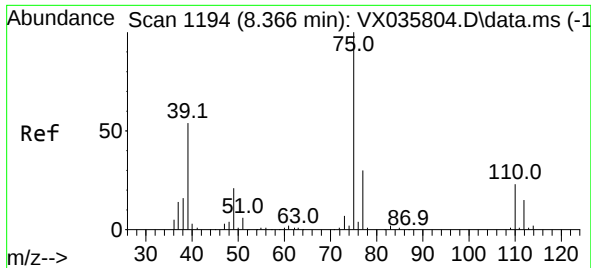
Tgt Ion: 43 Resp: 94425  
Ion Ratio Lower Upper  
43 100  
55 23.5 18.6 28.0



#48  
t-1,3-Dichloropropene  
Concen: 17.206 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 75 Resp: 62085  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 17.143 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

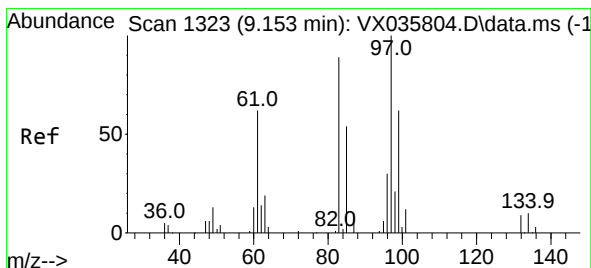
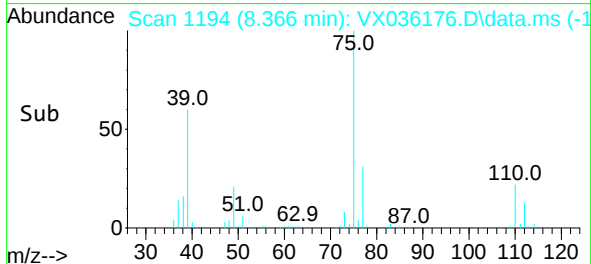
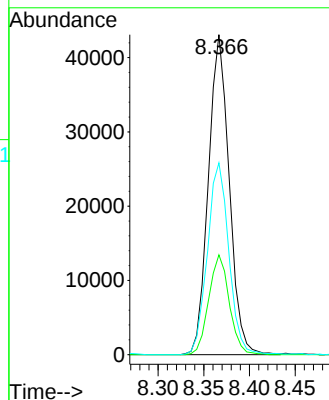
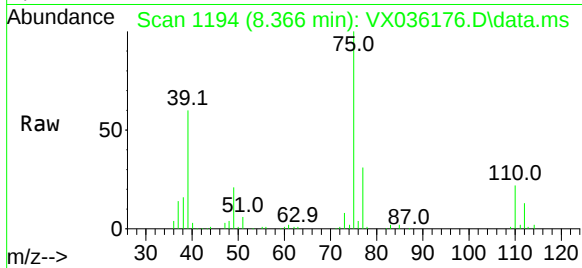
Tgt Ion: 75 Resp: 68264

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 60.0 44.2 66.2



#50

1,1,2-Trichloroethane

Concen: 17.167 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Tgt Ion: 97 Resp: 44310

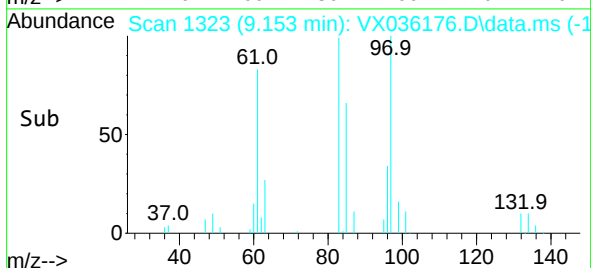
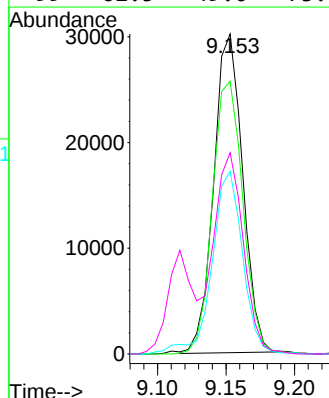
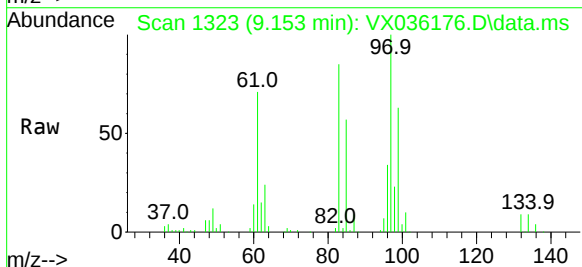
Ion Ratio Lower Upper

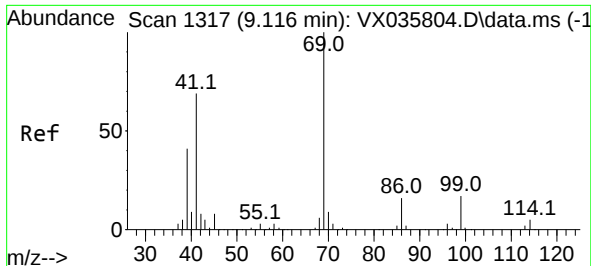
97 100

83 85.5 68.9 103.3

85 57.1 44.0 66.0

99 62.5 49.0 73.4

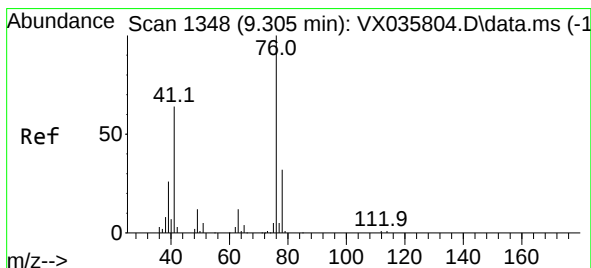
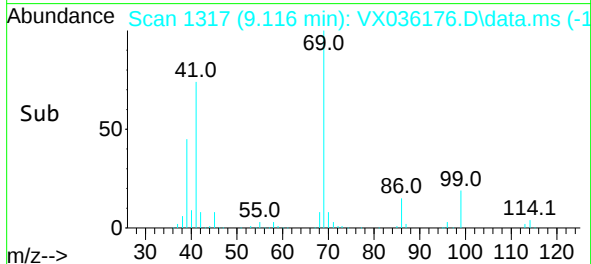
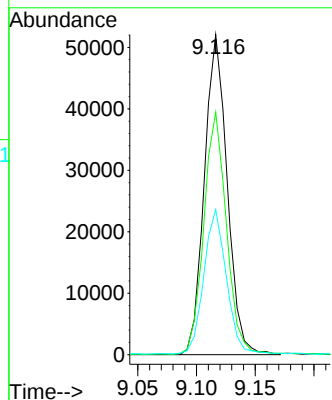
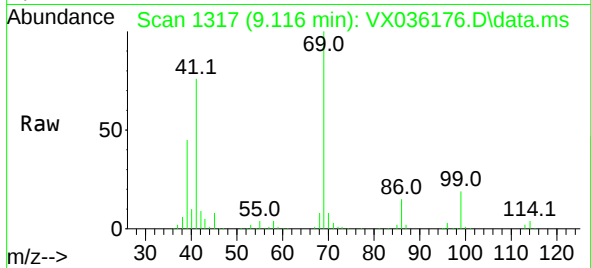




#51  
Ethyl methacrylate  
Concen: 17.710 ug/l  
RT: 9.116 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

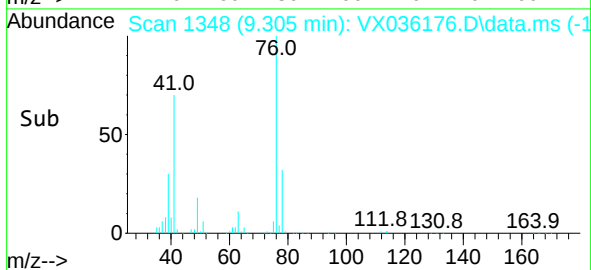
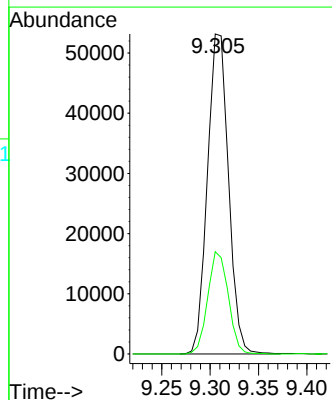
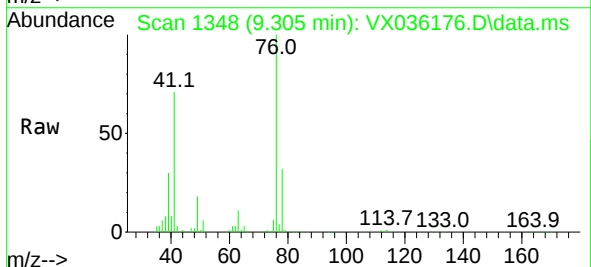
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

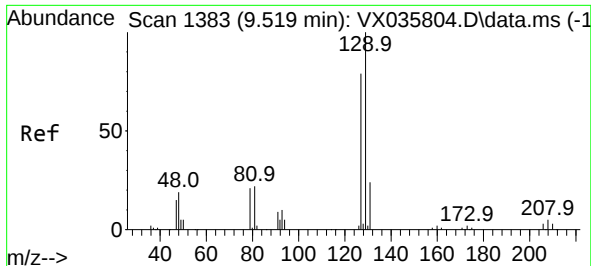
Tgt Ion: 69 Resp: 70466  
Ion Ratio Lower Upper  
69 100  
41 75.4 36.2 108.6  
39 44.9 21.2 63.6



#52  
1,3-Dichloropropane  
Concen: 17.951 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 76 Resp: 80743  
Ion Ratio Lower Upper  
76 100  
78 31.0 0.0 63.8

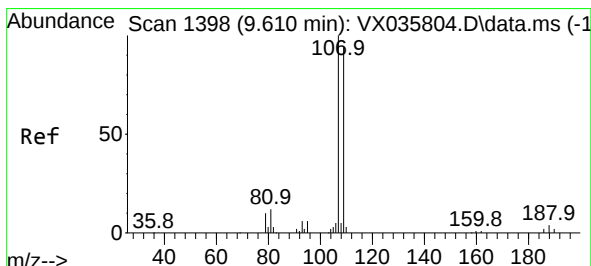
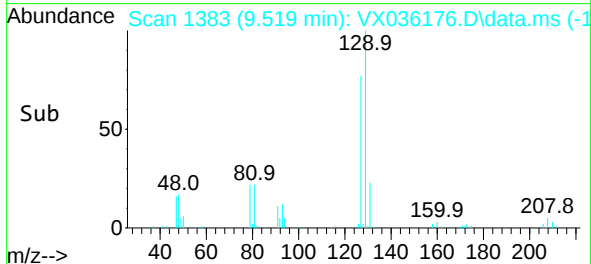
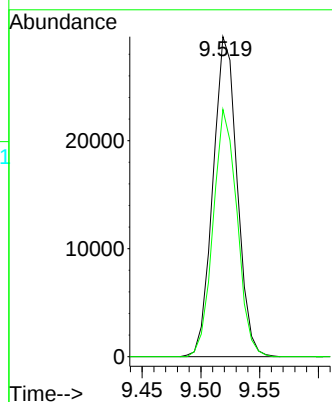
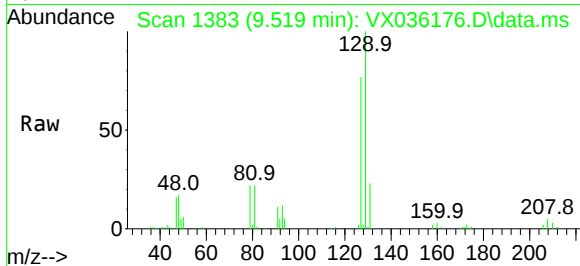




#53  
Dibromochloromethane  
Concen: 17.917 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

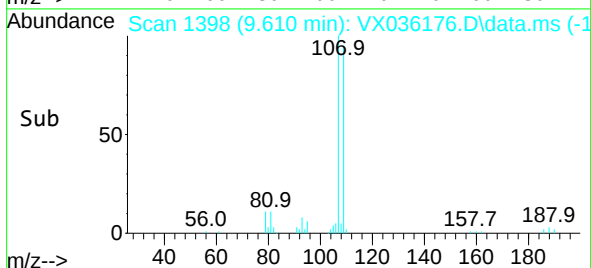
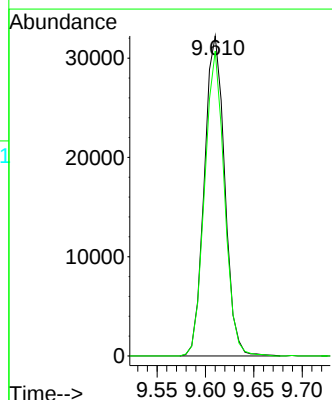
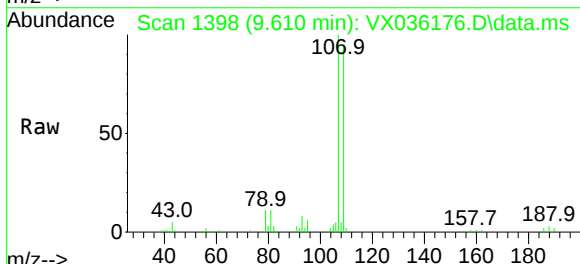
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

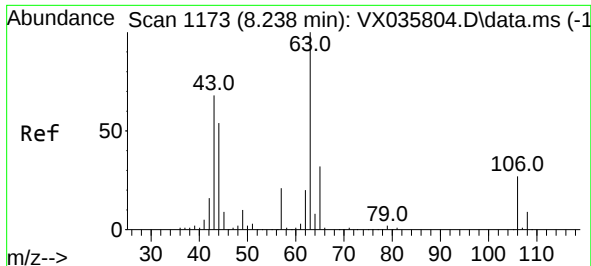
Tgt Ion:129 Resp: 42410  
Ion Ratio Lower Upper  
129 100  
127 76.5 39.1 117.5



#54  
1,2-Dibromoethane  
Concen: 17.607 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion:107 Resp: 47215  
Ion Ratio Lower Upper  
107 100  
109 92.7 75.4 113.2

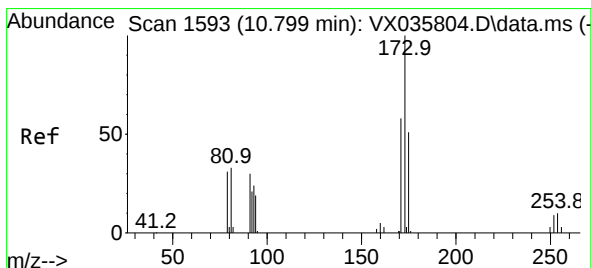
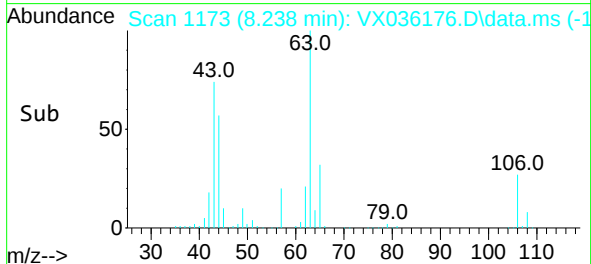
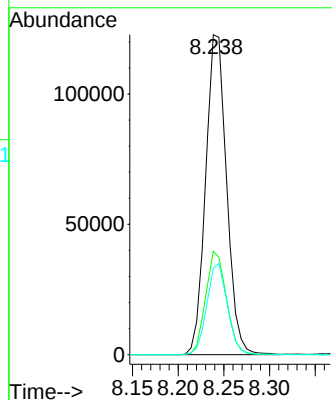
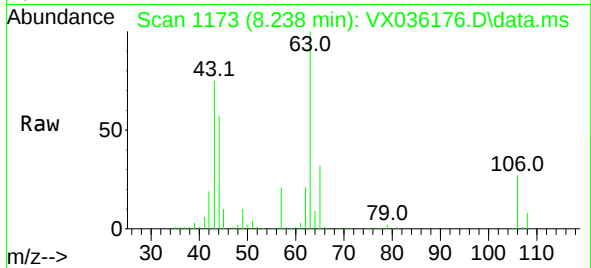




#55  
2-Chloroethyl vinyl ether  
Concen: 92.744 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

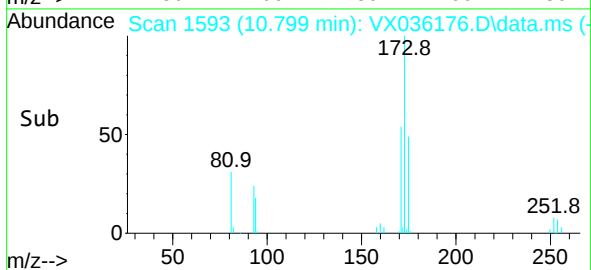
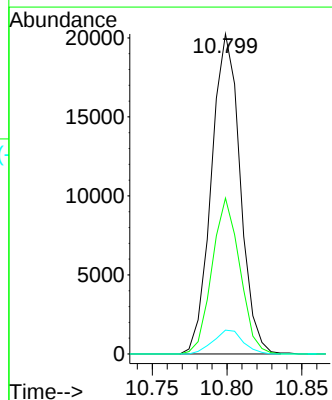
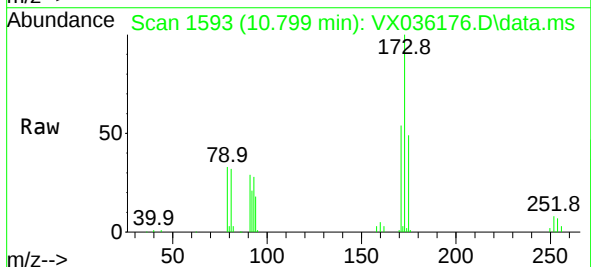
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MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

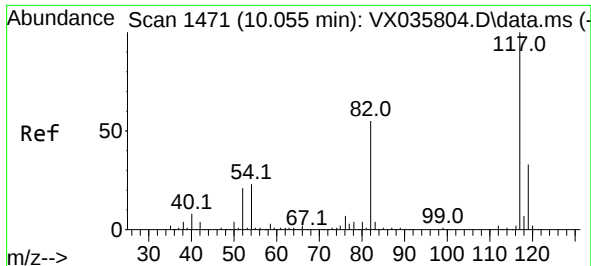
Tgt Ion: 63 Resp: 195827  
Ion Ratio Lower Upper  
63 100  
65 31.9 25.4 38.2  
106 28.0 21.6 32.4



#56  
Bromoform  
Concen: 17.641 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 173 Resp: 27070  
Ion Ratio Lower Upper  
173 100  
175 47.1 37.0 55.4  
254 7.7 6.7 10.1

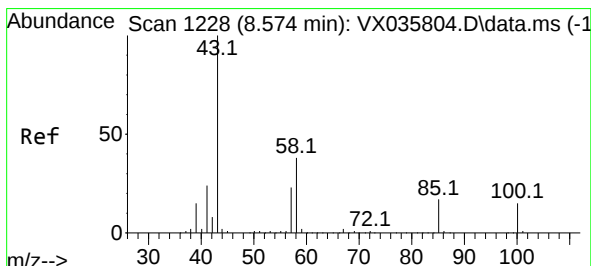
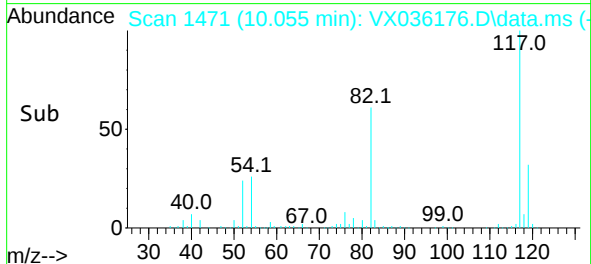
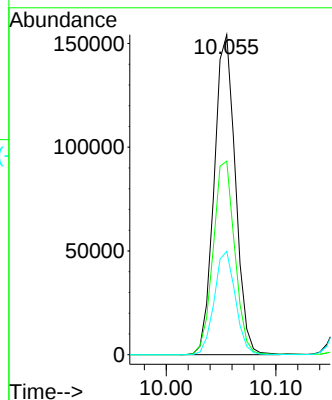
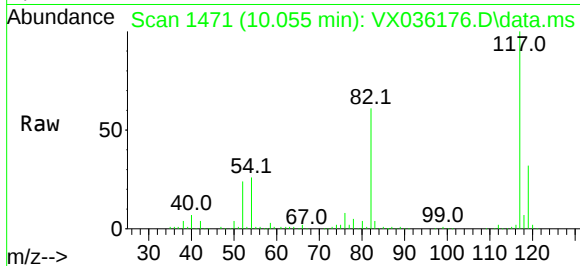




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

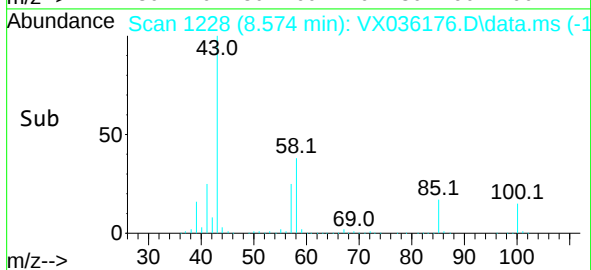
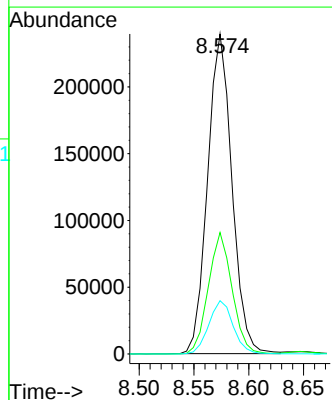
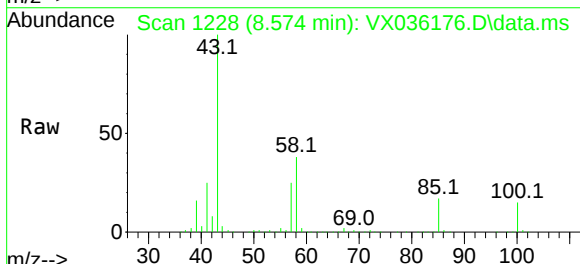
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

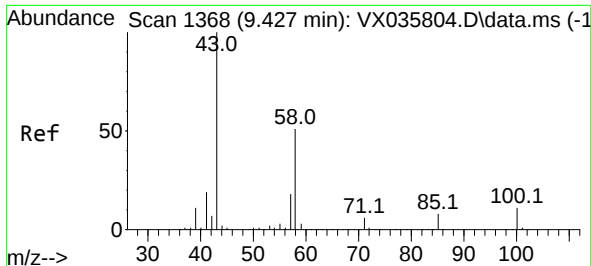
Tgt Ion:117 Resp: 207764  
Ion Ratio Lower Upper  
117 100  
82 61.4 45.8 68.8  
119 32.1 25.4 38.0



#58  
4-Methyl-2-Pentanone  
Concen: 91.789 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 43 Resp: 370418  
Ion Ratio Lower Upper  
43 100  
58 36.9 29.9 44.9  
85 16.7 13.2 19.8





#59

2-Hexanone

Concen: 90.571 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

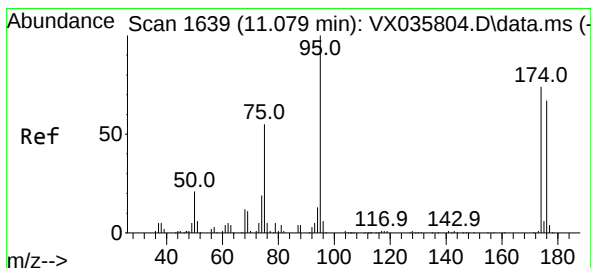
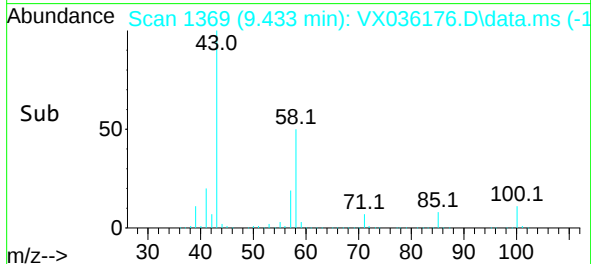
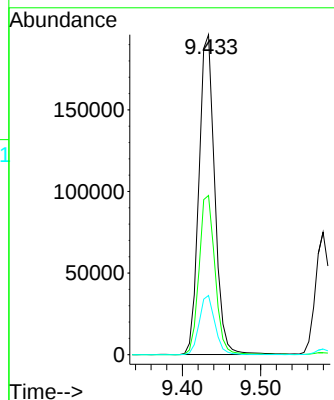
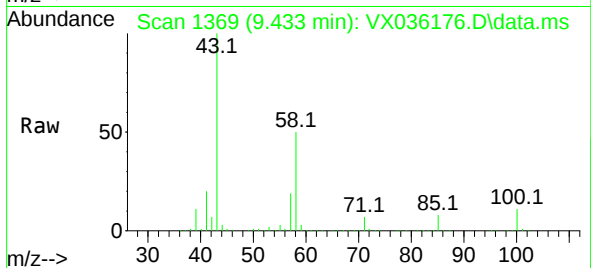
Tgt Ion: 43 Resp: 275021

Ion Ratio Lower Upper

43 100

58 50.3 41.7 62.5

57 18.4 14.7 22.1



#60

4-Bromofluorobenzene

Concen: 30.793 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

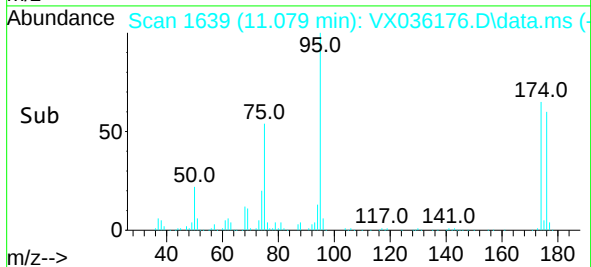
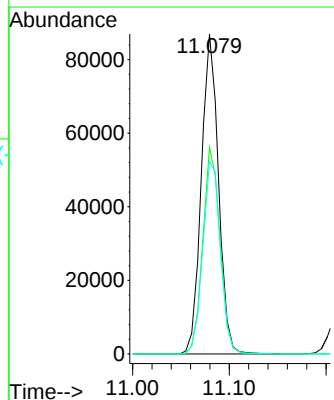
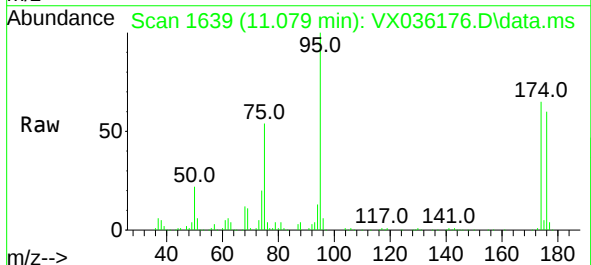
Tgt Ion: 95 Resp: 107353

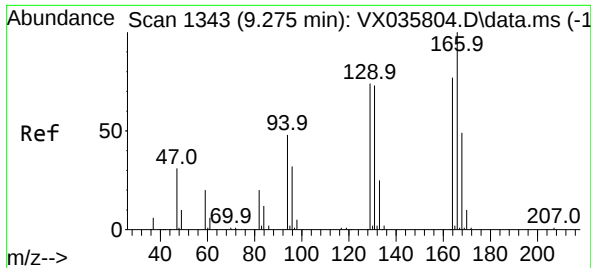
Ion Ratio Lower Upper

95 100

174 64.9 0.2 0.4#

176 62.0 0.2 0.2#

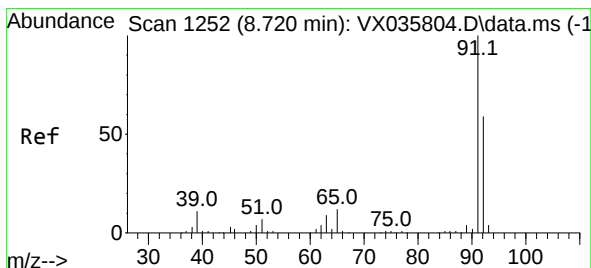
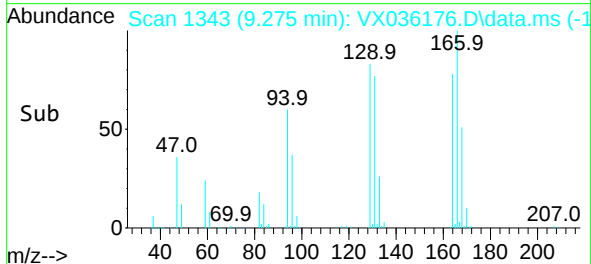
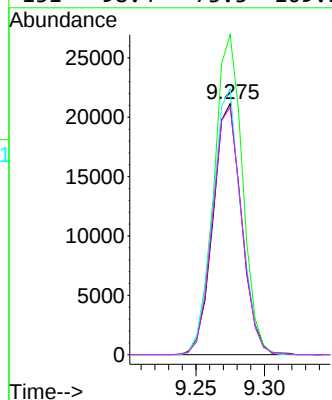
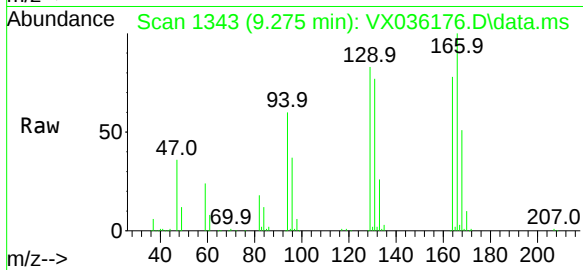




#61  
Tetrachloroethene  
Concen: 15.276 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

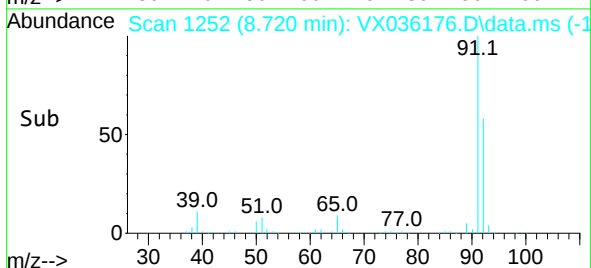
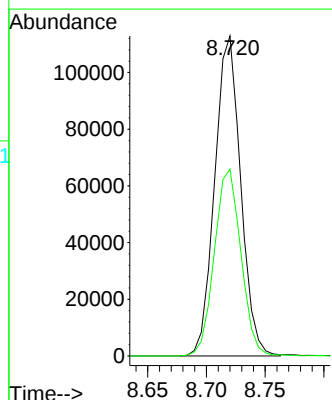
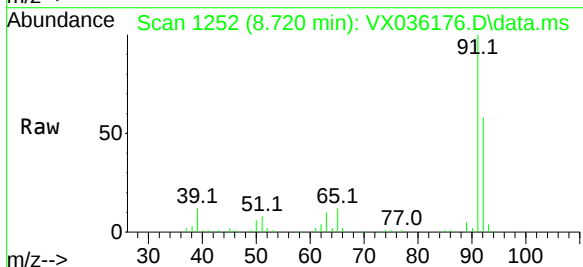
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

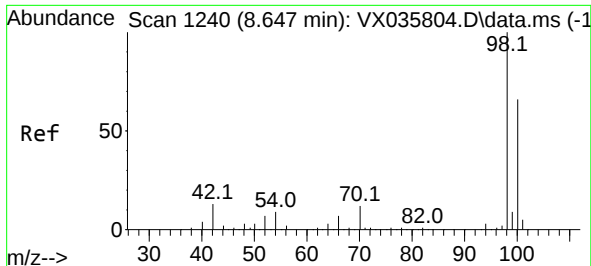
Tgt Ion:164 Resp: 30565  
Ion Ratio Lower Upper  
164 100  
166 127.5 100.1 150.1  
129 105.9 79.1 118.7  
131 98.4 73.3 109.9



#62  
Toluene  
Concen: 16.213 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 91 Resp: 173464  
Ion Ratio Lower Upper  
91 100  
92 59.5 46.5 69.7

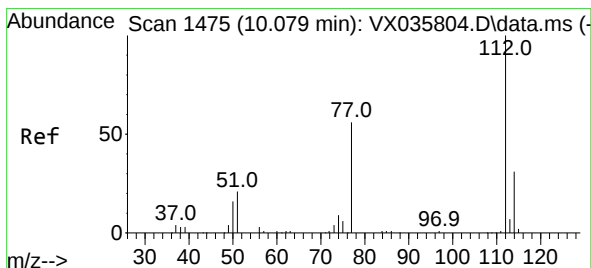
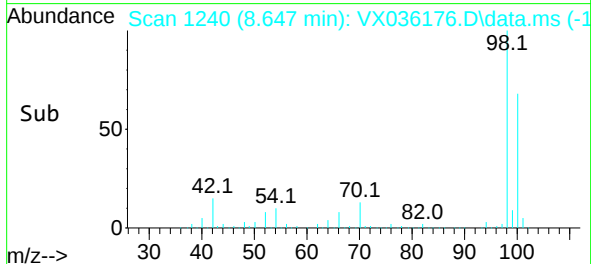
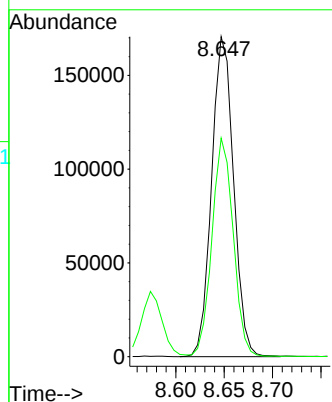
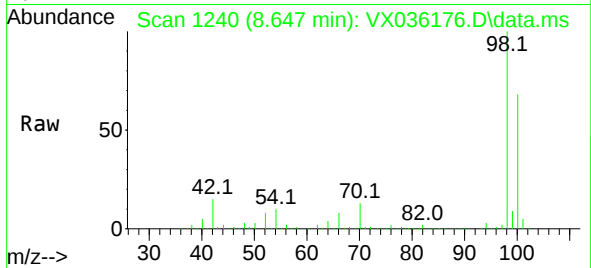




#63  
Toluene-d8  
Concen: 29.315 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

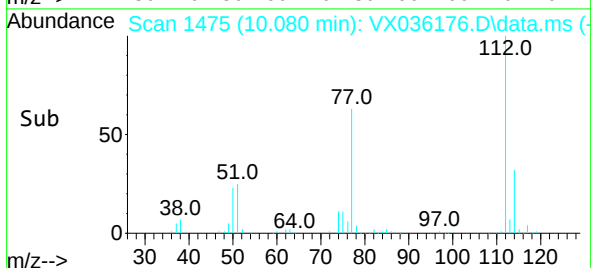
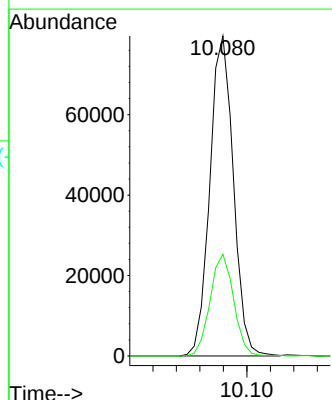
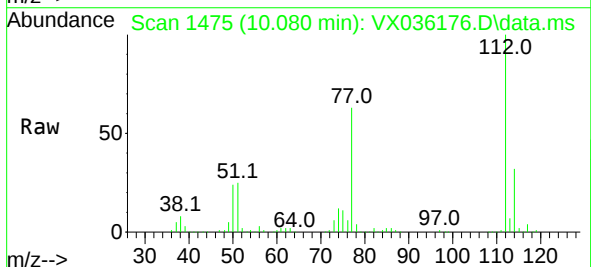
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

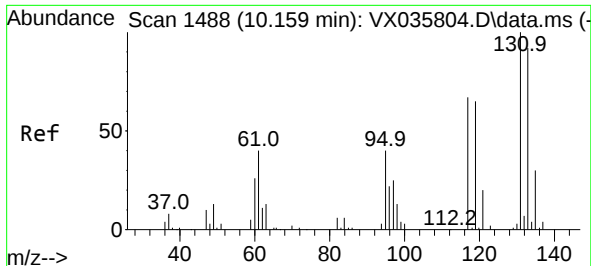
Tgt Ion: 98 Resp: 269257  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.1 78.1



#64  
Chlorobenzene  
Concen: 16.303 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 112 Resp: 110469  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.8

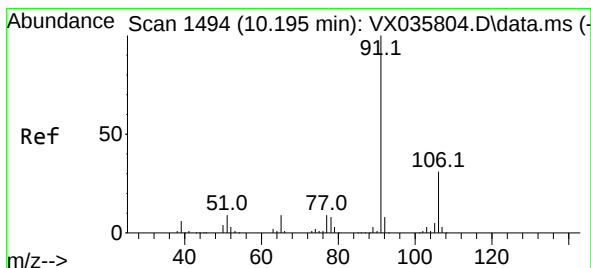
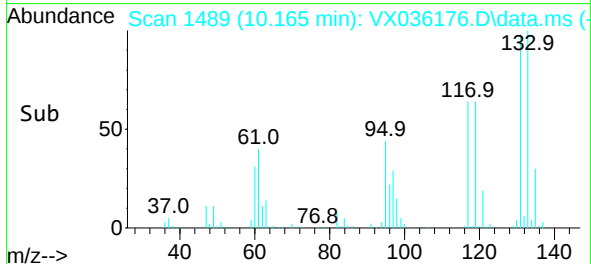
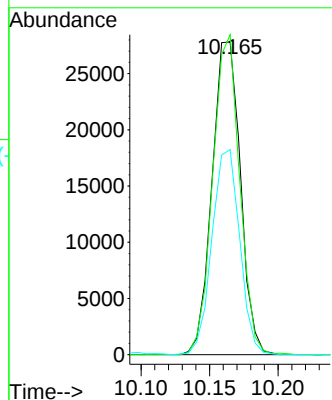
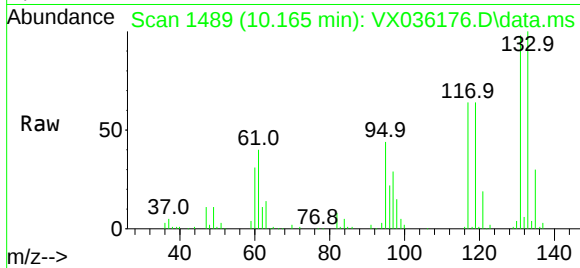




#65  
1,1,1,2-Tetrachloroethane  
Concen: 16.903 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.006 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

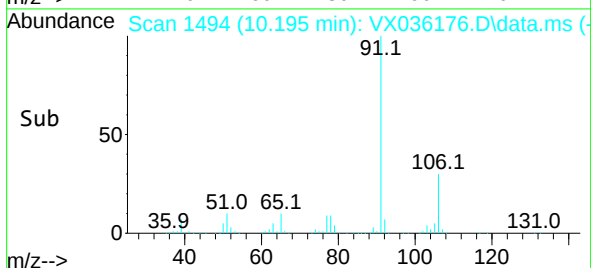
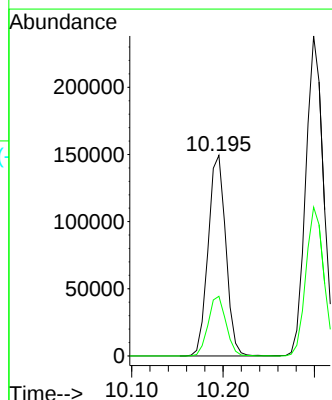
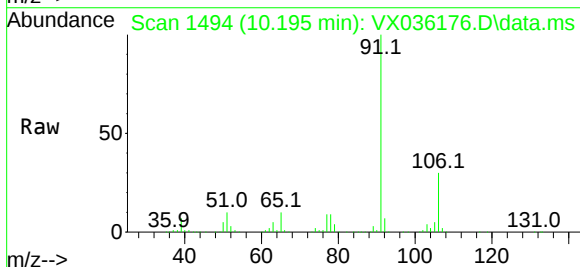
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

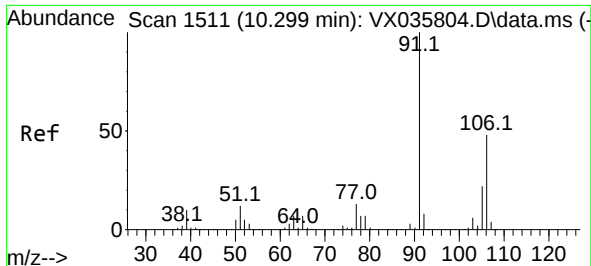
Tgt Ion:131 Resp: 40043  
Ion Ratio Lower Upper  
131 100  
133 96.9 0.0 186.6  
119 64.1 0.0 128.6



#66  
Ethyl Benzene  
Concen: 16.701 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 91 Resp: 199843  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.4 36.6

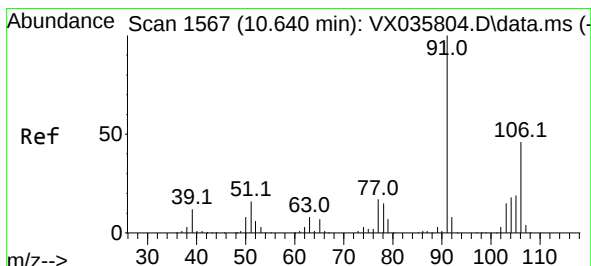
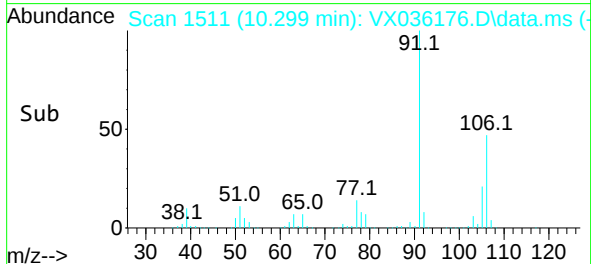
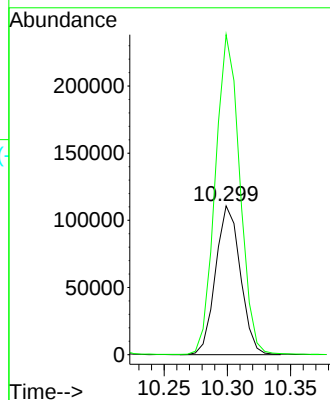
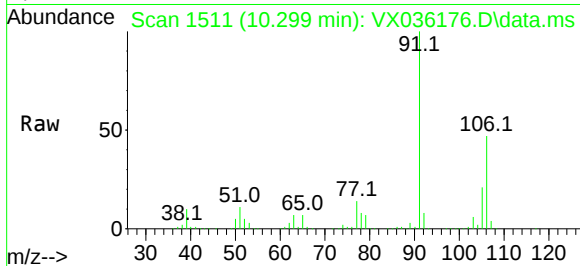




#67  
m/p-Xylenes  
Concen: 33.245 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

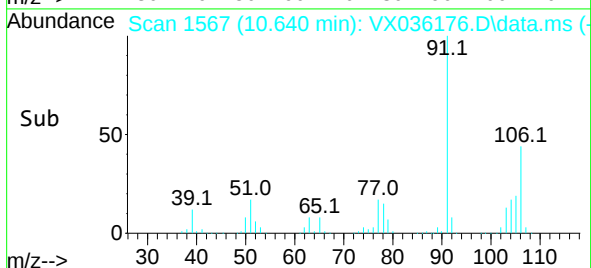
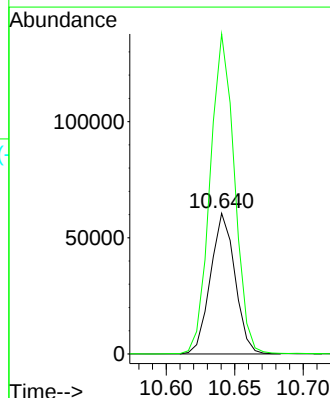
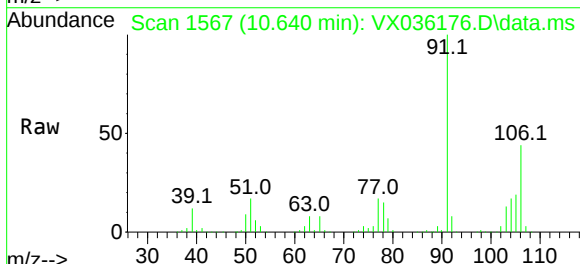
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

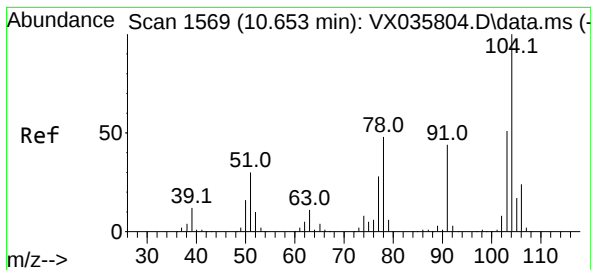
Tgt Ion:106 Resp: 150572  
Ion Ratio Lower Upper  
106 100  
91 212.9 167.4 251.2



#68  
o-Xylene  
Concen: 16.634 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion:106 Resp: 75358  
Ion Ratio Lower Upper  
106 100  
91 225.1 108.9 326.8





#69

Styrene

Concen: 16.664 ug/l

RT: 10.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

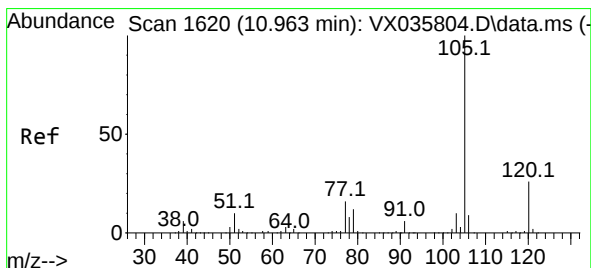
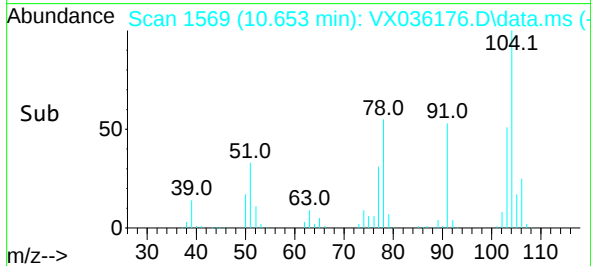
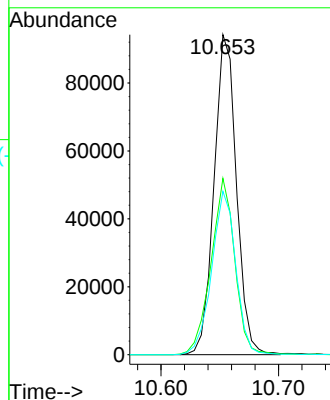
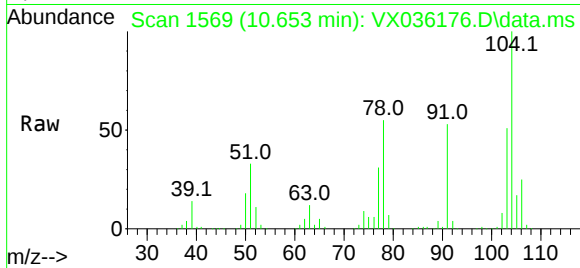
Tgt Ion:104 Resp: 124600

Ion Ratio Lower Upper

104 100

78 58.8 42.8 64.2

103 54.9 43.8 65.8



#70

Isopropylbenzene

Concen: 16.891 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036176.D

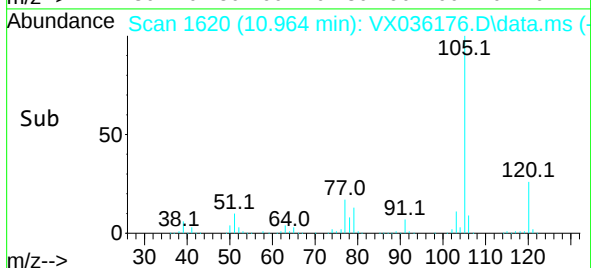
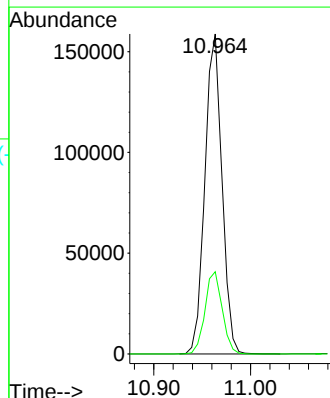
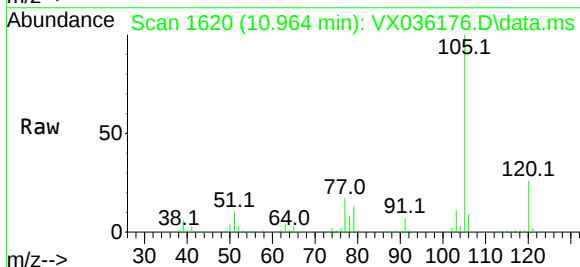
Acq: 15 Jun 2023 18:12

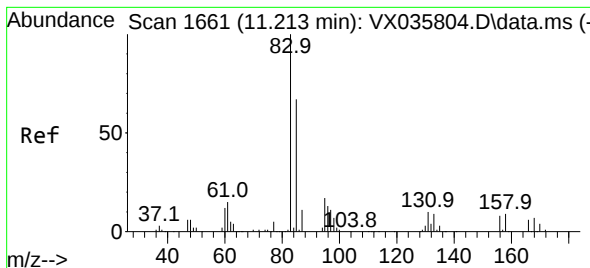
Tgt Ion:105 Resp: 195329

Ion Ratio Lower Upper

105 100

120 25.9 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 17.725 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

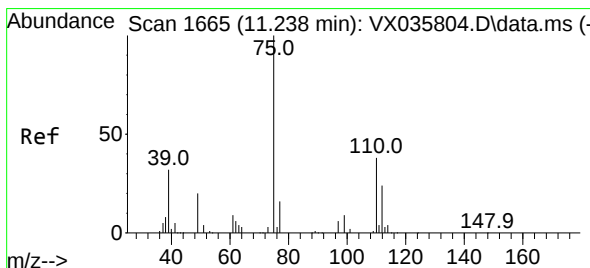
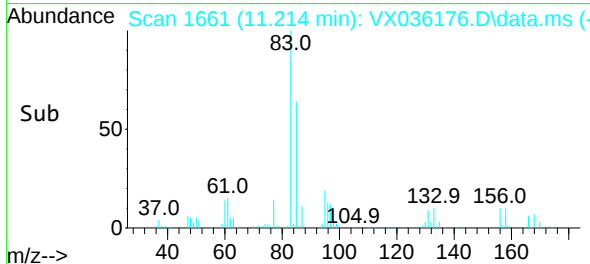
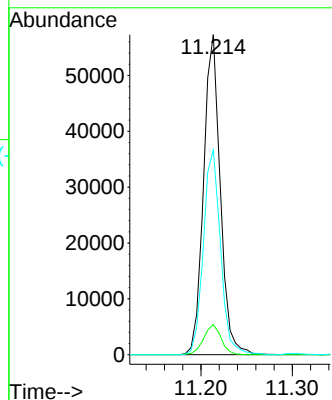
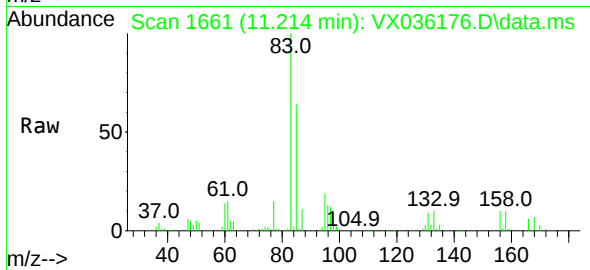
Tgt Ion: 83 Resp: 72601

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 65.6 31.9 95.5



#72

1,2,3-Trichloropropane

Concen: 22.073 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX036176.D

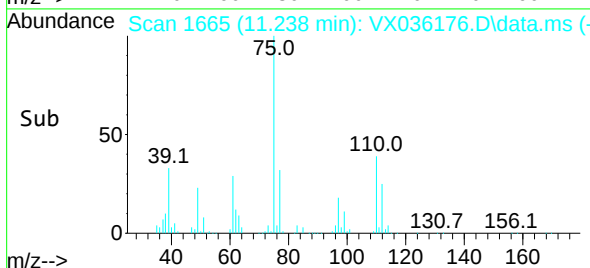
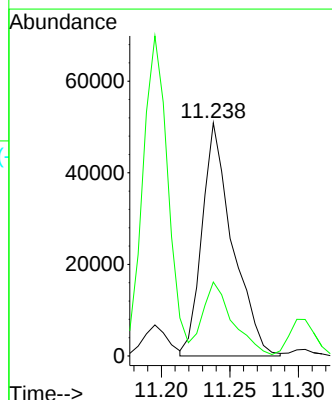
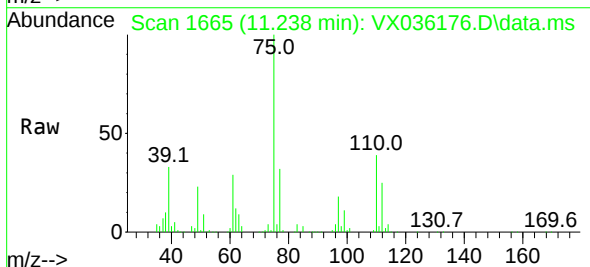
Acq: 15 Jun 2023 18:12

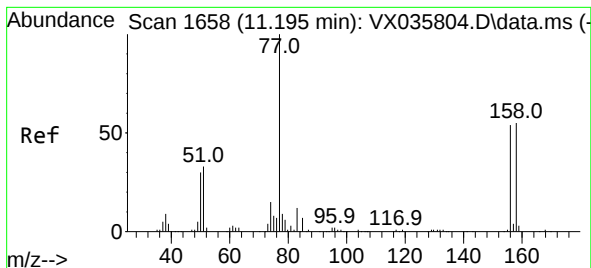
Tgt Ion: 75 Resp: 78739

Ion Ratio Lower Upper

75 100

77 31.4 0.0 73.8





#73

Bromobenzene

Concen: 16.234 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

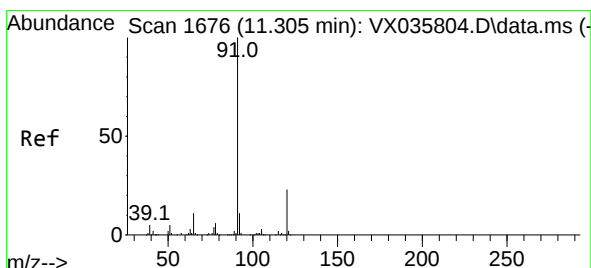
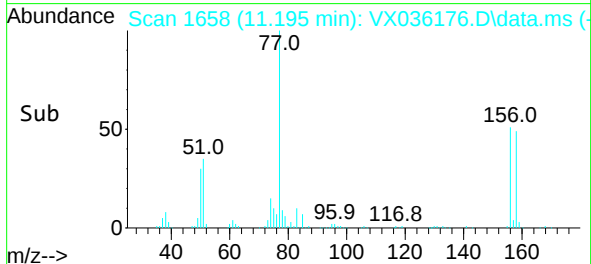
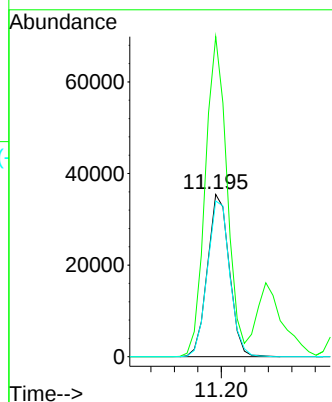
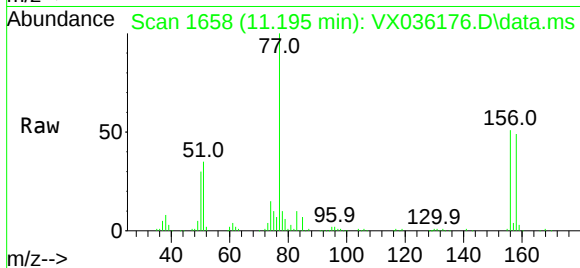
Tgt Ion:156 Resp: 45608

Ion Ratio Lower Upper

156 100

77 195.8 0.0 330.8

158 98.4 0.0 193.4



#74

n-propylbenzene

Concen: 16.488 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036176.D

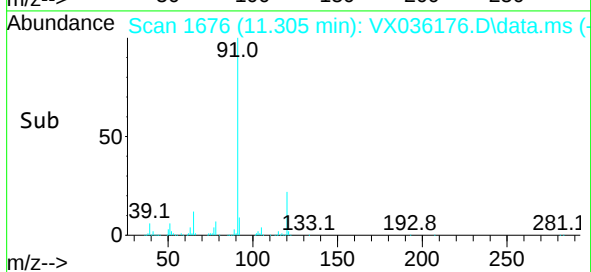
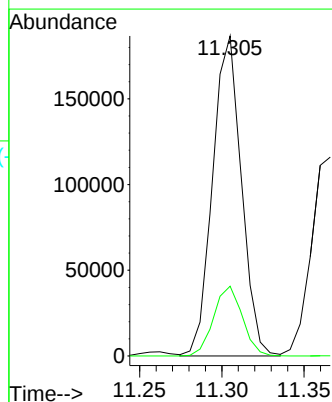
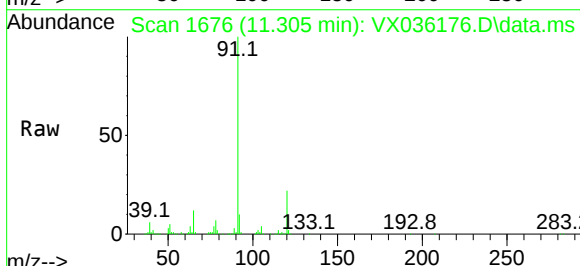
Acq: 15 Jun 2023 18:12

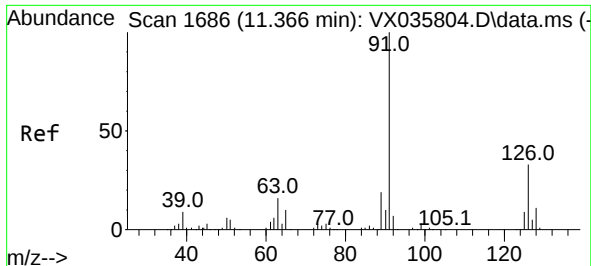
Tgt Ion: 91 Resp: 227265

Ion Ratio Lower Upper

91 100

120 21.8 0.0 44.8

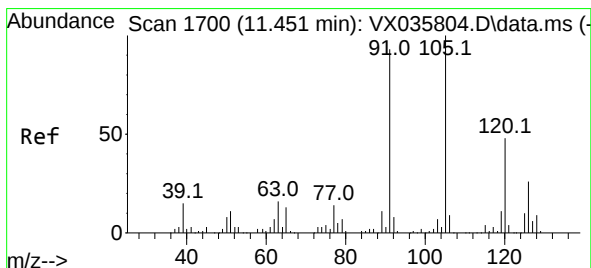
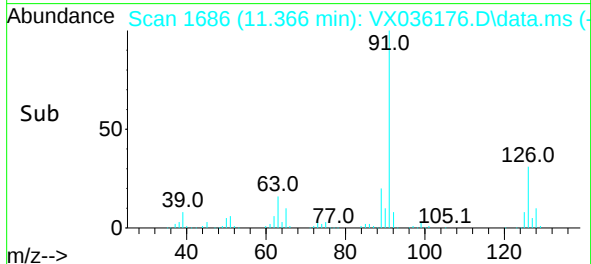
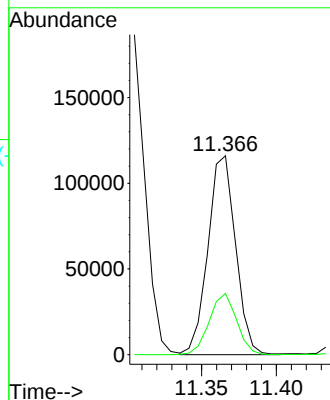
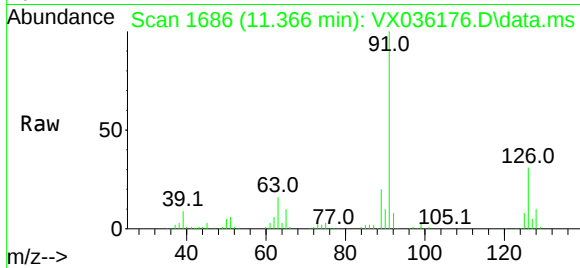




#75  
2-Chlorotoluene  
Concen: 17.654 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

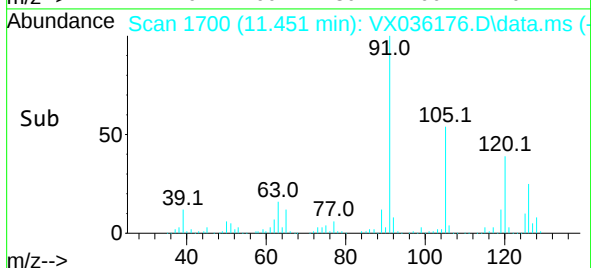
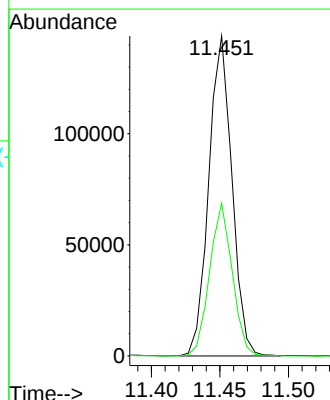
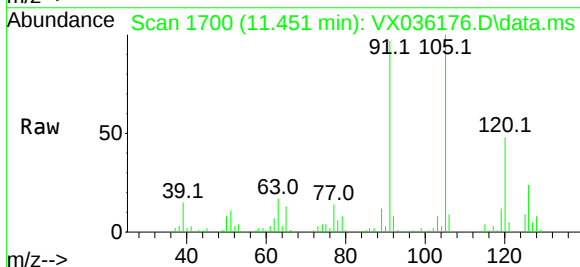
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

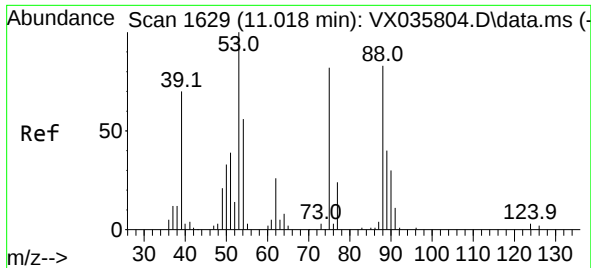
Tgt Ion: 91 Resp: 149475  
Ion Ratio Lower Upper  
91 100  
126 30.4 0.0 66.4



#76  
1,3,5-Trimethylbenzene  
Concen: 17.223 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 105 Resp: 169155  
Ion Ratio Lower Upper  
105 100  
120 46.6 0.0 96.4

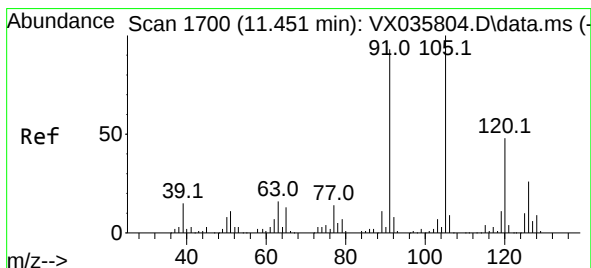
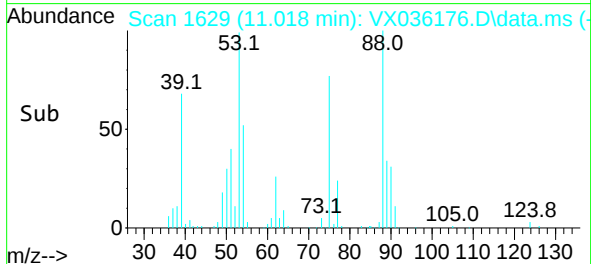
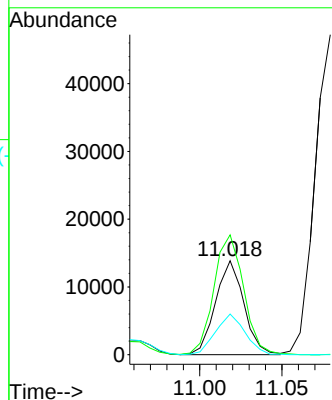
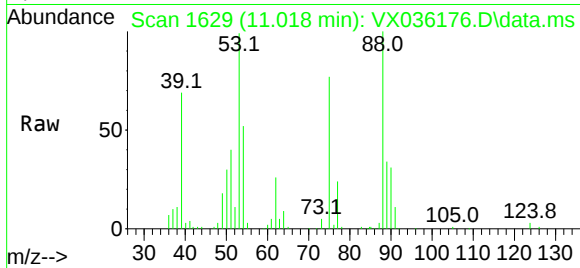




#77  
t-1,4-Dichloro-2-butene  
Concen: 15.501 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

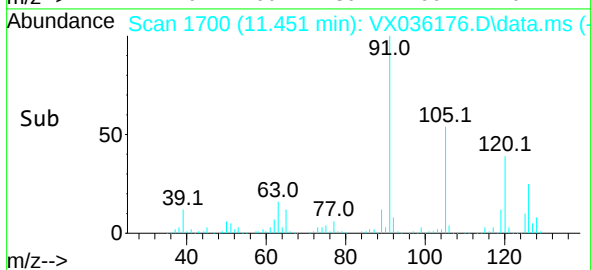
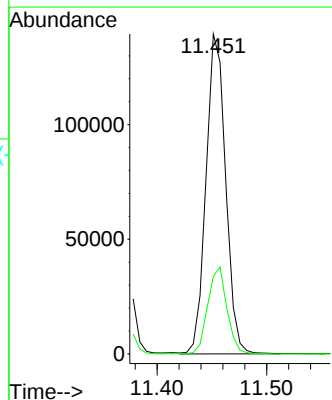
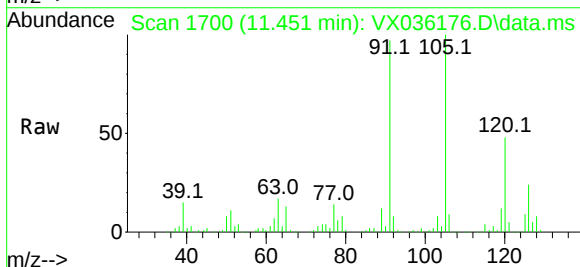
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

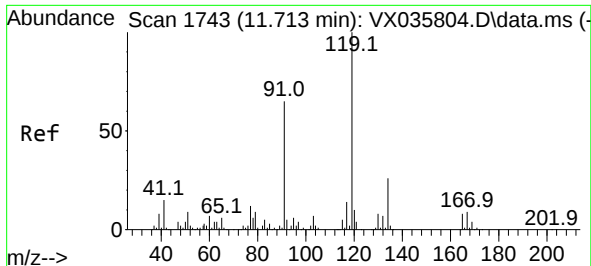
Tgt Ion: 75 Resp: 16681  
Ion Ratio Lower Upper  
75 100  
53 127.2 58.2 174.6  
89 43.3 20.6 61.8



#78  
4-Chlorotoluene  
Concen: 17.969 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 91 Resp: 173324  
Ion Ratio Lower Upper  
91 100  
126 26.5 0.0 56.8

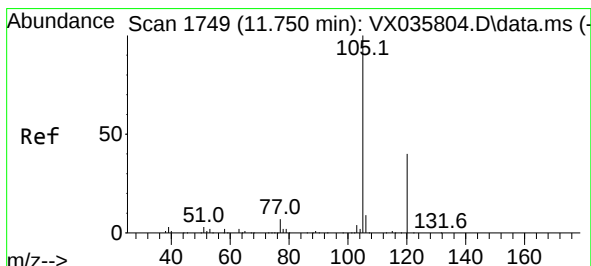
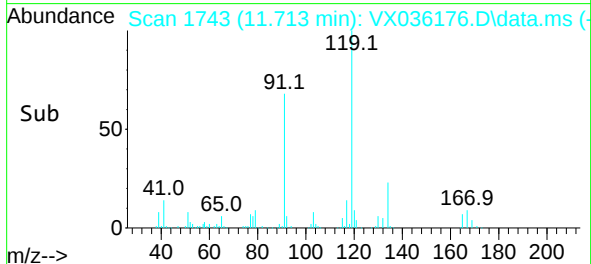
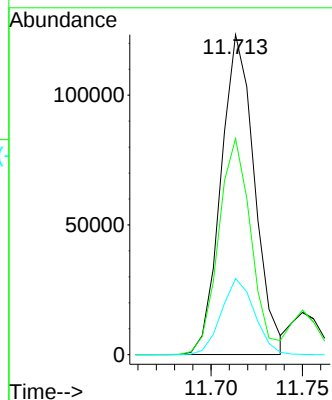
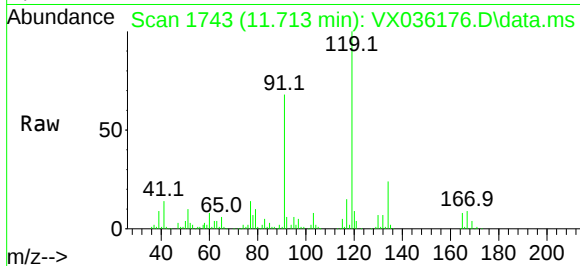




#79  
tert-butylbenzene  
Concen: 16.604 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

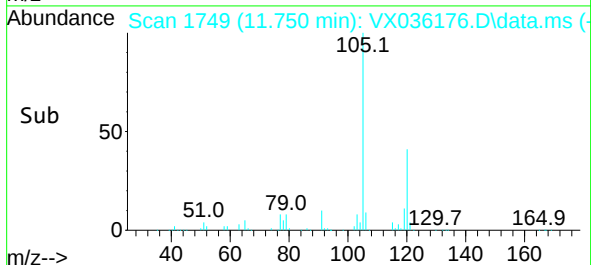
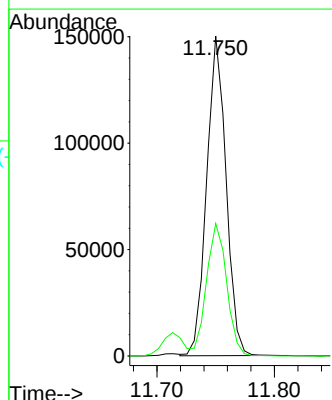
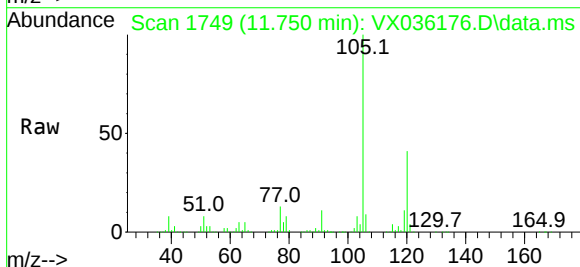
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

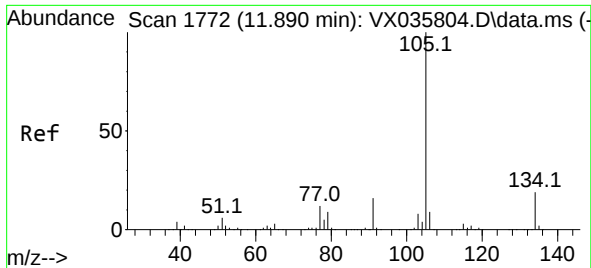
Tgt Ion:119 Resp: 157429  
Ion Ratio Lower Upper  
119 100  
91 65.9 0.0 122.4  
134 23.6 0.0 49.2



#80  
1,2,4-Trimethylbenzene  
Concen: 17.441 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion:105 Resp: 172146  
Ion Ratio Lower Upper  
105 100  
120 43.0 0.0 90.4

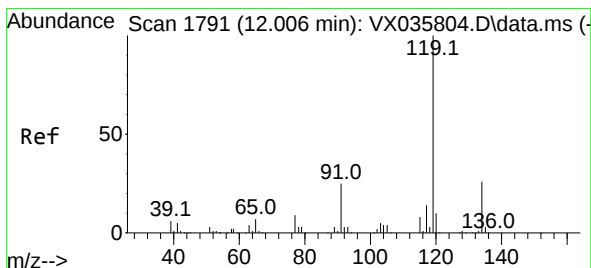
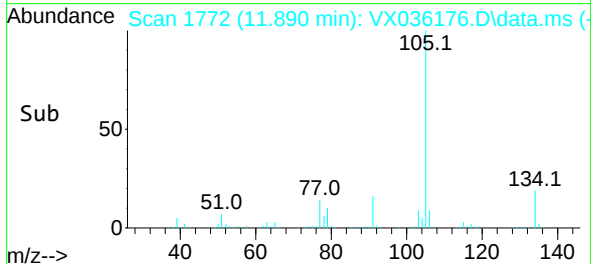
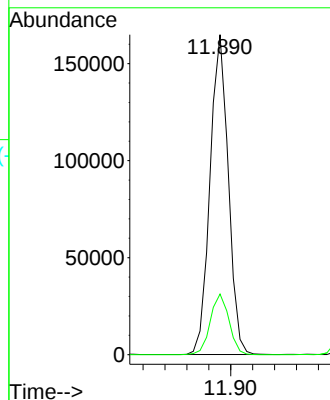
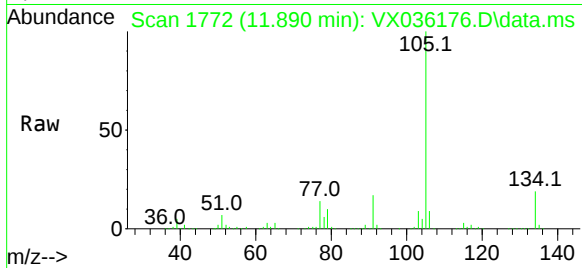




#81  
 sec-Butylbenzene  
 Concen: 15.943 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

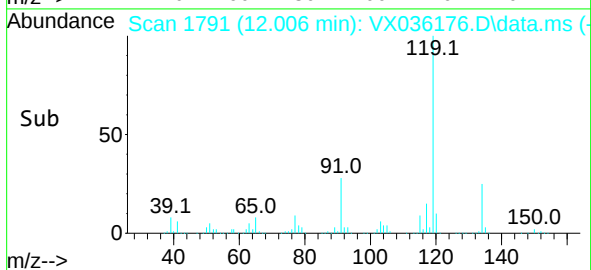
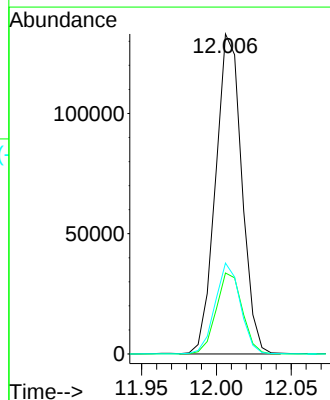
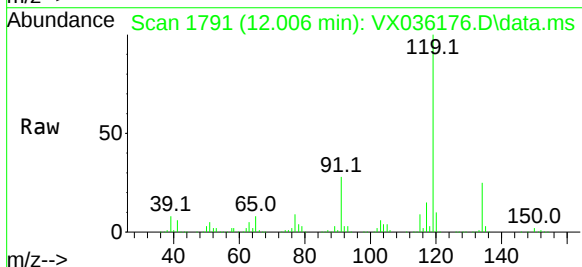
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

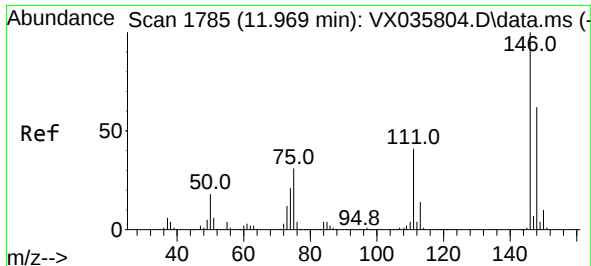
Tgt Ion:105 Resp: 190851  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 0.0 40.2



#82  
 p-Isopropyltoluene  
 Concen: 16.280 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX036176.D  
 Acq: 15 Jun 2023 18:12

Tgt Ion:119 Resp: 162128  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 0.0 52.2  
 91 27.1 0.0 51.0

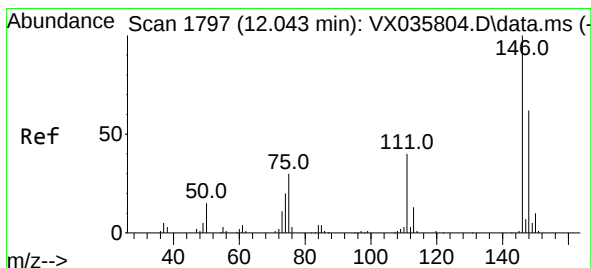
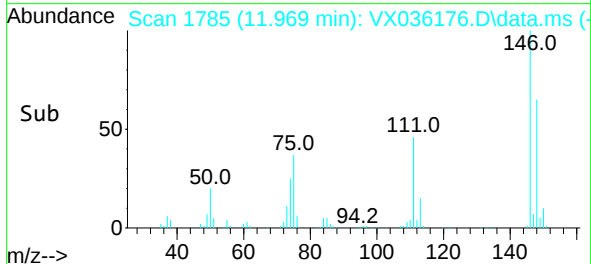
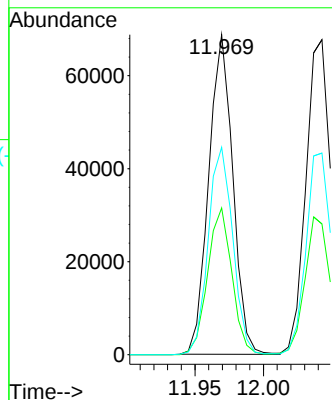
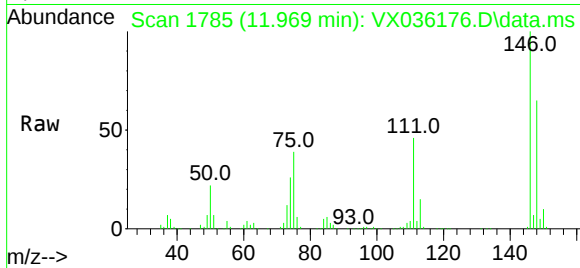




#83  
1,3-Dichlorobenzene  
Concen: 15.828 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

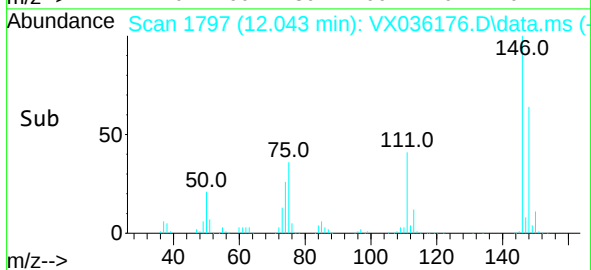
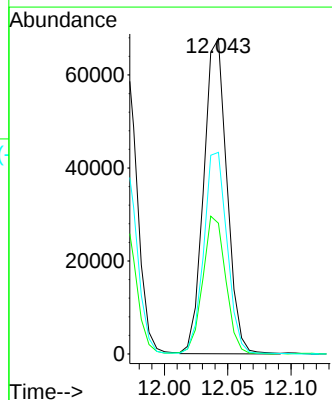
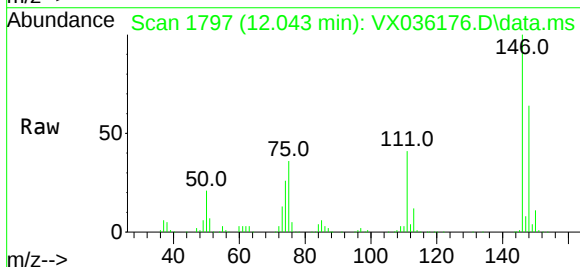
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

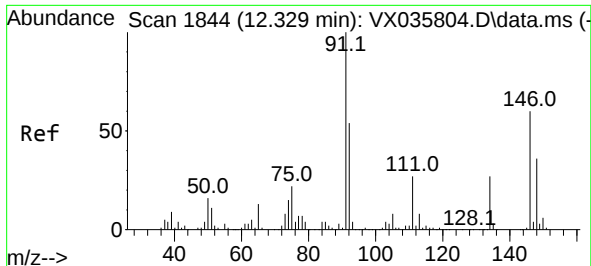
Tgt Ion:146 Resp: 84161  
Ion Ratio Lower Upper  
146 100  
111 46.3 20.6 61.9  
148 66.1 31.6 94.7



#84  
1,4-Dichlorobenzene  
Concen: 16.274 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion:146 Resp: 86851  
Ion Ratio Lower Upper  
146 100  
111 43.2 20.3 60.9  
148 63.7 31.8 95.3

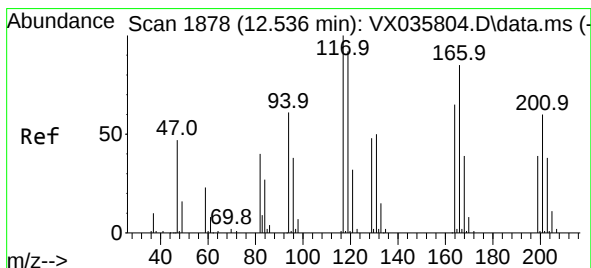
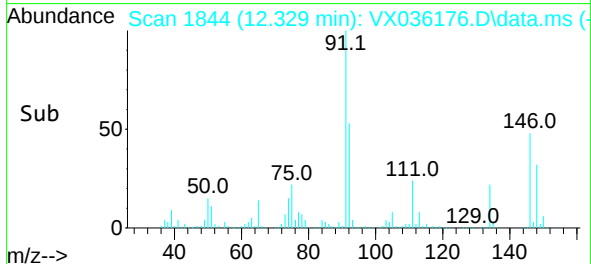
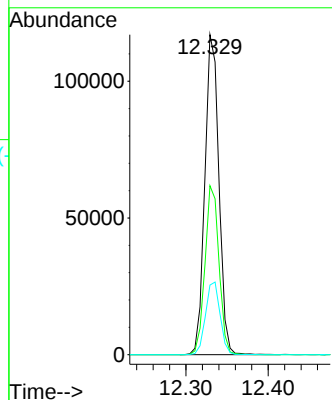
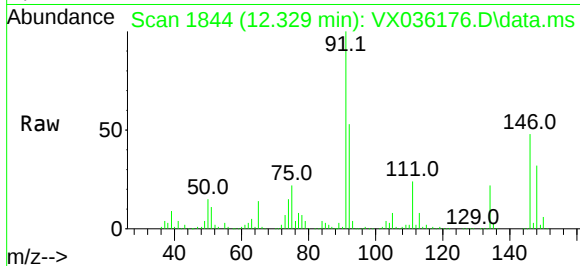




#85  
n-Butylbenzene  
Concen: 15.677 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

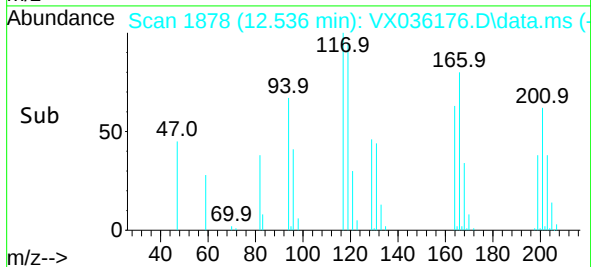
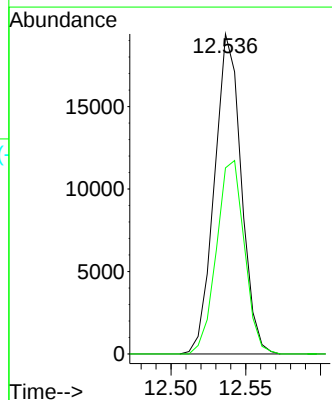
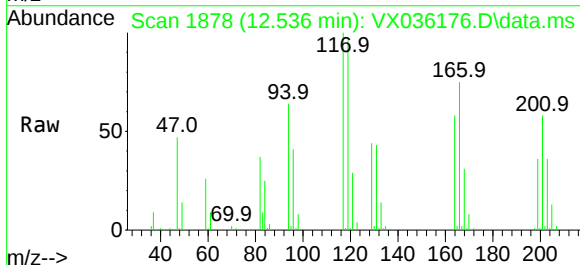
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

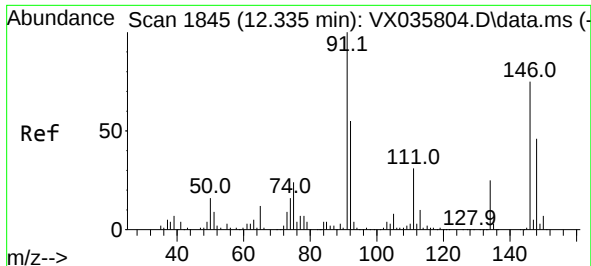
Tgt Ion: 91 Resp: 138898  
Ion Ratio Lower Upper  
91 100  
92 52.5 0.0 107.6  
134 23.2 0.0 49.8



#86  
Hexachloroethane  
Concen: 15.440 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 117 Resp: 24214  
Ion Ratio Lower Upper  
117 100  
201 63.0 35.4 106.2

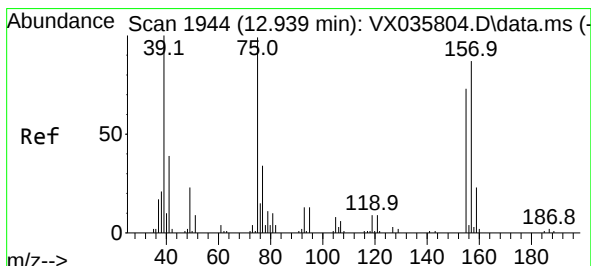
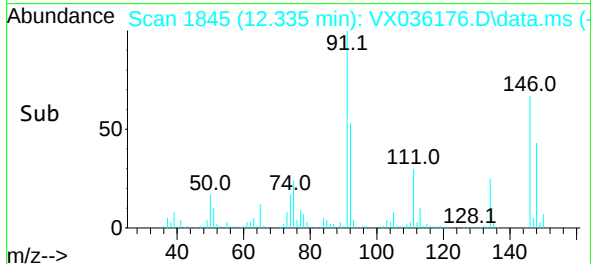
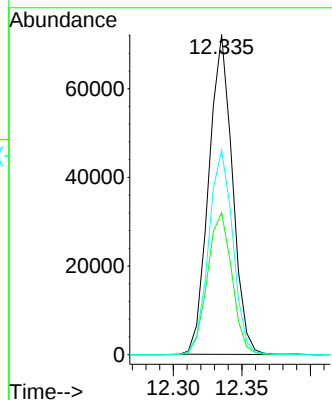
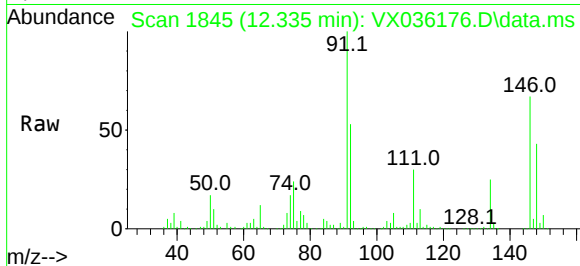




#87  
1,2-Dichlorobenzene  
Concen: 16.623 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

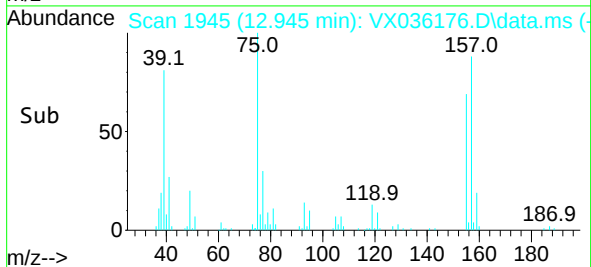
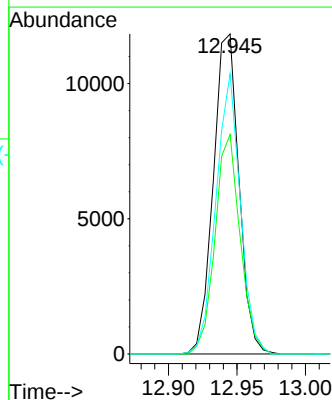
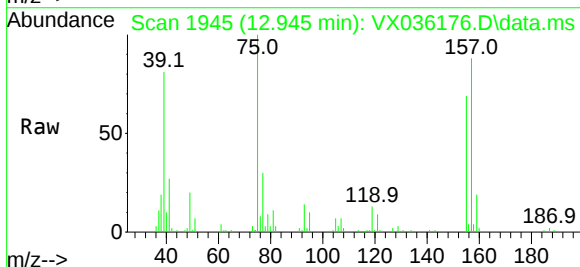
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MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

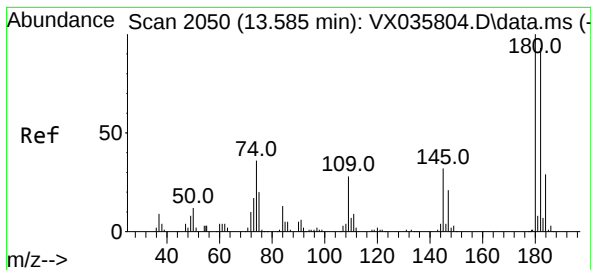
Tgt Ion:146 Resp: 86599  
Ion Ratio Lower Upper  
146 100  
111 46.1 21.3 64.0  
148 65.4 31.7 95.1



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 19.666 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX036176.D  
Acq: 15 Jun 2023 18:12

Tgt Ion: 75 Resp: 15395  
Ion Ratio Lower Upper  
75 100  
155 67.2 63.7 95.5  
157 83.3 83.7 125.5#





#89

1,2,4-Trichlorobenzene

Concen: 15.311 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

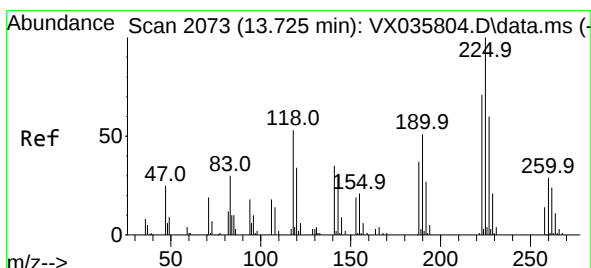
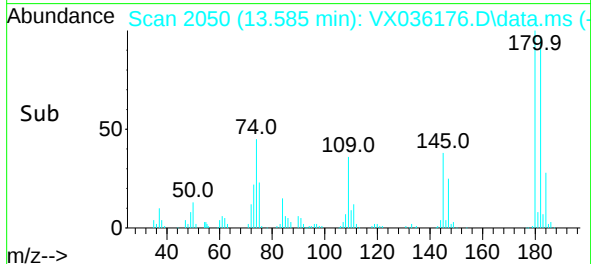
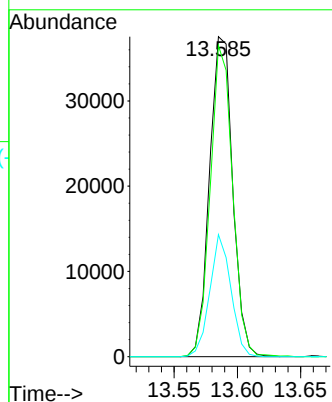
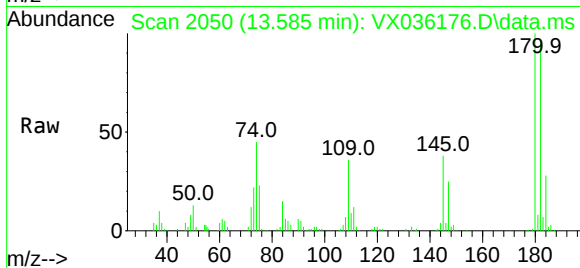
Tgt Ion:180 Resp: 47805

Ion Ratio Lower Upper

180 100

182 93.6 75.8 113.8

145 34.8 25.8 38.6



#90

Hexachlorobutadiene

Concen: 14.507 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

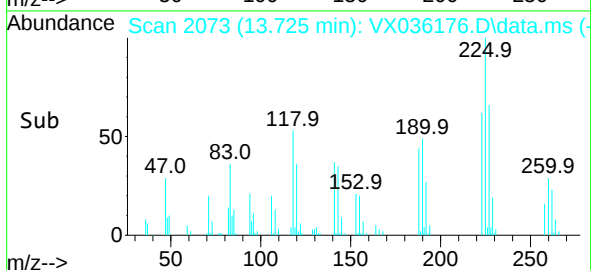
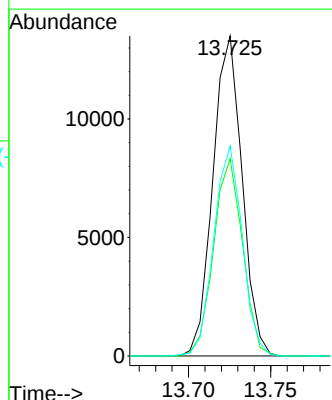
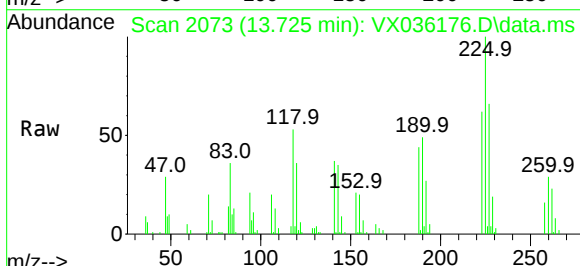
Tgt Ion:225 Resp: 16697

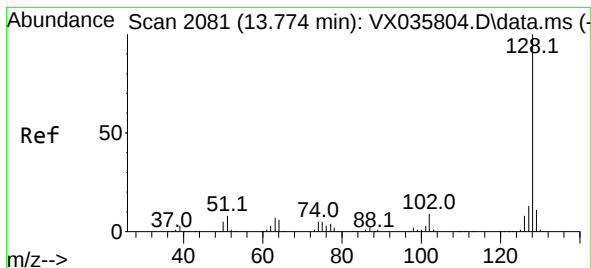
Ion Ratio Lower Upper

225 100

223 61.0 0.0 124.2

227 64.1 0.0 122.8





#91

Naphthalene

Concen: 16.271 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

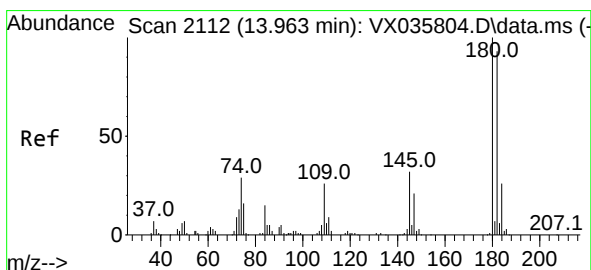
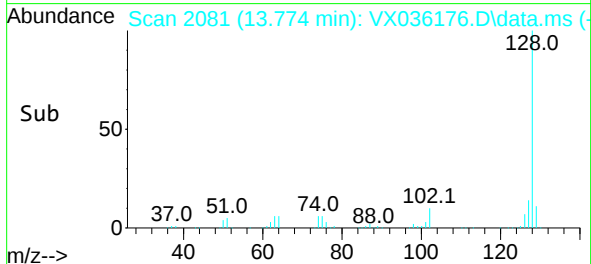
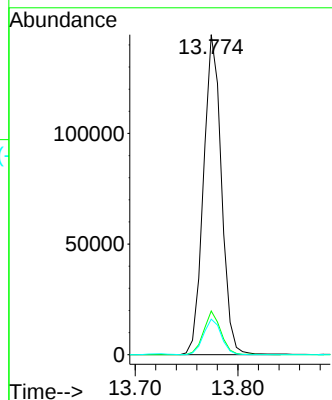
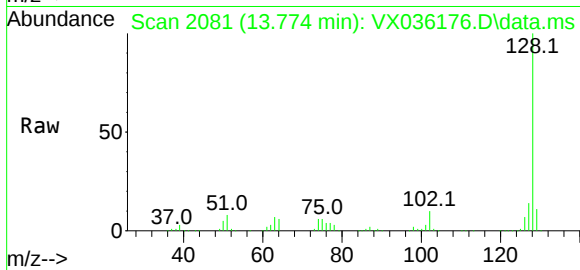
Tgt Ion:128 Resp: 175796

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 15.378 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Tgt Ion:180 Resp: 47937

Ion Ratio Lower Upper

180 100

182 94.8 0.0 191.0

145 36.3 0.0 66.8

