

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081324\  
 Data File : VX043005.D  
 Acq On : 13 Aug 2024 10:25  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 13 13:12:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X081324W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 13 13:10:21 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.897  | 128   | 32168    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.757  | 114   | 191880   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 171006   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.952  | 65    | 74100    | 25.614   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 85.367%# |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 84072    | 30.018   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 100.067% |
| 63) Toluene-d8               | 8.647  | 98    | 232944   | 30.043   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 100.133% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 8630     | 4.619    | ug/l   | 99       |
| 3) Chloromethane             | 1.300  | 50    | 13882    | 7.131    | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 12300    | 6.184    | ug/l   | 99       |
| 5) Bromomethane              | 1.599  | 94    | 3445     | 3.335    | ug/l   | 91       |
| 6) Chloroethane              | 1.666  | 64    | 3663     | 3.611    | ug/l   | 90       |
| 7) Trichlorofluoromethane    | 1.867  | 101   | 12146    | 4.322    | ug/l   | 93       |
| 8) Diethyl Ether             | 2.136  | 74    | 5857     | 5.059    | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 10731    | 5.286    | ug/l   | 94       |
| 10) 1,1-Dichloroethene       | 2.312  | 96    | 10736    | 5.399    | ug/l   | 94       |
| 11) Methyl Iodide            | 2.441  | 142   | 10983    | 5.678    | ug/l   | 94       |
| 12) Methyl Acetate           | 2.709  | 43    | 18937    | 4.652    | ug/l   | 99       |
| 13) Acrolein                 | 2.239  | 56    | 17052    | 75.919   | ug/l   | 90       |
| 14) Acrylonitrile            | 3.068  | 53    | 36757    | 27.772   | ug/l   | 98       |
| 15) Acetone                  | 2.392  | 58    | 10712    | 25.275   | ug/l   | 76       |
| 16) Carbon Disulfide         | 2.501  | 76    | 32631    | 7.306    | ug/l   | 99       |
| 17) Allyl chloride           | 2.660  | 41    | 22056    | 6.598    | ug/l   | 88       |
| 18) Methylene Chloride       | 2.788  | 84    | 12304    | 5.320    | ug/l   | 95       |
| 19) trans-1,2-Dichloroethene | 3.087  | 96    | 11490    | 5.729    | ug/l   | 99       |
| 20) Diisopropyl ether        | 3.763  | 45    | 41731    | 5.854    | ug/l # | 83       |
| 21) 1,1-Dichloroethane       | 3.611  | 63    | 22452    | 5.667    | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 4.483  | 96    | 12725    | 5.035    | ug/l   | 94       |
| 23) tert-Butyl Alcohol       | 2.995  | 59    | 14820    | 24.381   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.117  | 73    | 37570    | 5.284    | ug/l   | 97       |
| 25) Chloroform               | 5.086  | 83    | 19592    | 4.702    | ug/l   | 92       |
| 26) Cyclohexane              | 5.464  | 56    | 20563    | 6.306    | ug/l # | 92       |
| 29) 1,1-Dichloropropene      | 5.690  | 75    | 14527    | 5.693    | ug/l   | 86       |
| 30) 2-Butanone               | 4.574  | 43    | 53488    | 28.500   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 17860    | 5.199    | ug/l   | 100      |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 14156    | 4.878    | ug/l   | 97       |
| 34) Benzene                  | 6.031  | 78    | 49565    | 6.007    | ug/l   | 98       |
| 35) Methacrylonitrile        | 4.934  | 41    | 10526    | 5.839    | ug/l   | 94       |
| 36) 1,2-Dichloroethane       | 6.092  | 62    | 14584    | 4.999    | ug/l # | 90       |
| 37) Trichloroethene          | 7.129  | 130   | 10940    | 5.374    | ug/l   | 86       |
| 38) Methylcyclohexane        | 7.373  | 83    | 20061    | 6.167    | ug/l   | 94       |
| 39) 1,2-Dichloropropane      | 7.434  | 63    | 11799    | 5.645    | ug/l   | 100      |
| 40) Dibromomethane           | 7.586  | 93    | 8189     | 5.344    | ug/l   | 94       |
| 41) Bromodichloromethane     | 7.824  | 83    | 16288    | 5.349    | ug/l   | 97       |
| 42) Vinyl Acetate            | 3.721  | 43    | 247791   | 39.823   | ug/l   | 97       |
| 43) Ethyl Acetate            | 4.727  | 43    | 20371    | 6.350    | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081324\  
 Data File : VX043005.D  
 Acq On : 13 Aug 2024 10:25  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

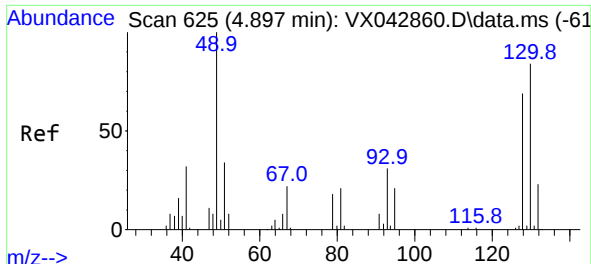
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 13 13:12:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X081324W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 13 13:10:21 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 44) Isopropyl Acetate         | 6.348  | 43   | 31319    | 5.993  | ug/l   | 96       |
| 45) 1,4-Dioxane               | 7.677  | 88   | 4954     | 92.725 | ug/l # | 89       |
| 46) Methyl methacrylate       | 7.702  | 41   | 15738    | 6.187  | ug/l   | 86       |
| 47) n-amyl Acetate            | 10.841 | 43   | 28141    | 6.231  | ug/l   | 97       |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 17204    | 5.716  | ug/l   | 96       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 19353    | 5.918  | ug/l   | 96       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 11467    | 5.477  | ug/l   | 97       |
| 51) Ethyl methacrylate        | 9.122  | 69   | 21049    | 5.899  | ug/l   | 97       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 20025    | 5.735  | ug/l   | 97       |
| 53) Dibromochloromethane      | 9.518  | 129  | 12198    | 5.057  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 11881    | 5.448  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 50691    | 30.698 | ug/l   | 99       |
| 56) Bromoform                 | 10.799 | 173  | 8516     | 4.944  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 102701   | 30.610 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 79575    | 29.919 | ug/l   | 98       |
| 61) Tetrachloroethene         | 9.269  | 164  | 9538     | 5.581  | ug/l   | 94       |
| 62) Toluene                   | 8.720  | 91   | 49982    | 5.791  | ug/l   | 100      |
| 64) Chlorobenzene             | 10.079 | 112  | 30131    | 5.518  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 10404    | 5.336  | ug/l   | 97       |
| 66) Ethyl Benzene             | 10.195 | 91   | 53881    | 5.648  | ug/l   | 97       |
| 67) m/p-Xylenes               | 10.299 | 106  | 41729    | 11.573 | ug/l   | 95       |
| 68) o-Xylene                  | 10.640 | 106  | 21220    | 5.954  | ug/l   | 96       |
| 69) Styrene                   | 10.659 | 104  | 33505    | 5.481  | ug/l   | 99       |
| 70) Isopropylbenzene          | 10.963 | 105  | 50992    | 5.509  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 18746    | 5.586  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 21479    | 7.108  | ug/l   | 82       |
| 73) Bromobenzene              | 11.201 | 156  | 11580    | 5.007  | ug/l   | 88       |
| 74) n-propylbenzene           | 11.305 | 91   | 57463    | 5.313  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 36834    | 5.538  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 42031    | 5.362  | ug/l   | 96       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 7325     | 6.938  | ug/l   | 91       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 39058    | 5.169  | ug/l   | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 42756    | 5.328  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 42068    | 5.417  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.890 | 105  | 53168    | 5.418  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 41782    | 5.110  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 20574    | 4.860  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 21159    | 4.973  | ug/l   | 98       |
| 85) n-Butylbenzene            | 12.335 | 91   | 35172    | 4.808  | ug/l   | 98       |
| 86) Hexachloroethane          | 12.536 | 117  | 8740     | 5.726  | ug/l   | 85       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 21494    | 5.061  | ug/l   | 96       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 4156     | 5.447  | ug/l   | 95       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 11238    | 4.181  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 4563     | 4.009  | ug/l   | 99       |
| 91) Naphthalene               | 13.774 | 128  | 45185    | 4.816  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 11715    | 4.311  | ug/l   | 97       |

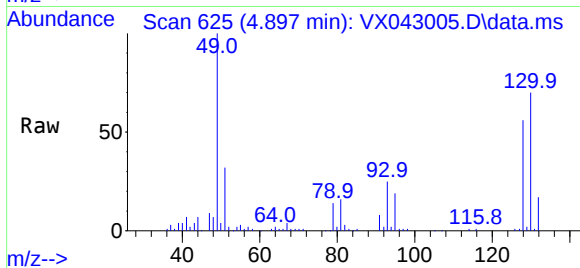
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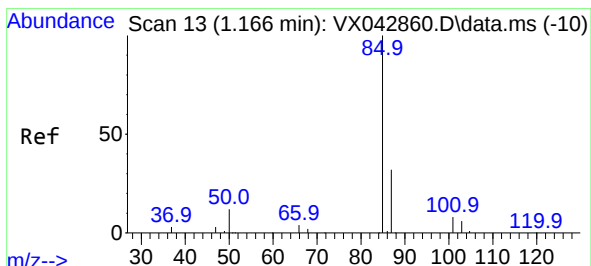
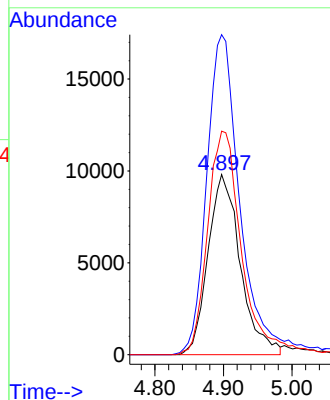
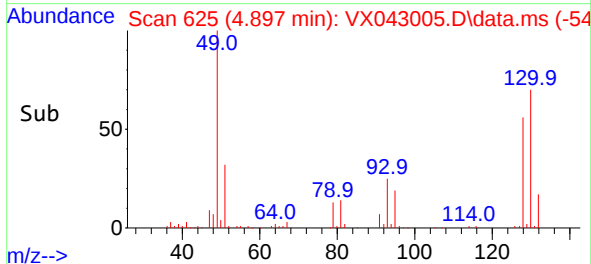


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :

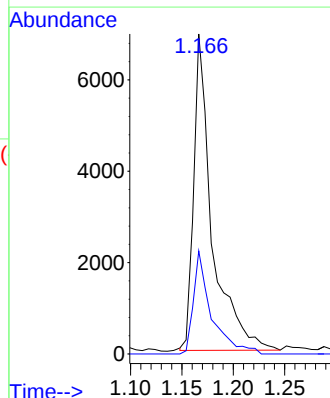
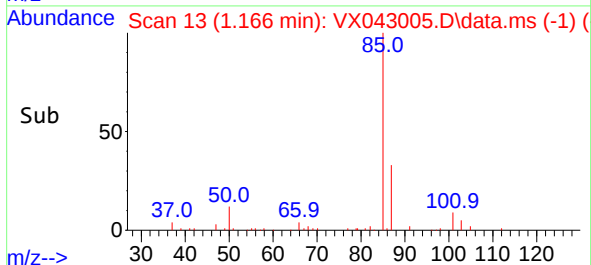
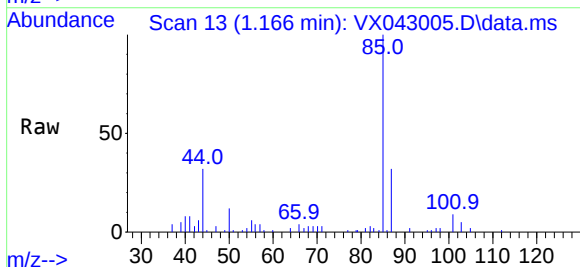


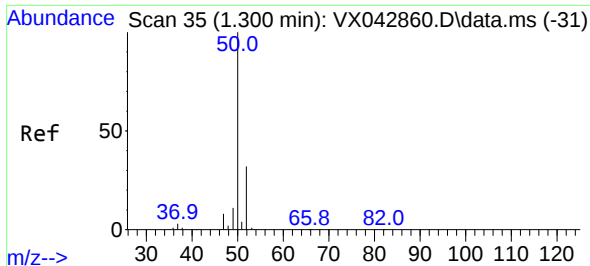
Tgt Ion:128 Resp: 32168  
Ion Ratio Lower Upper  
128 100  
49 179.4 0.0 400.5  
130 129.7 0.0 333.0



#2  
Dichlorodifluoromethane  
Concen: 4.619 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 85 Resp: 8630  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.0 48.0

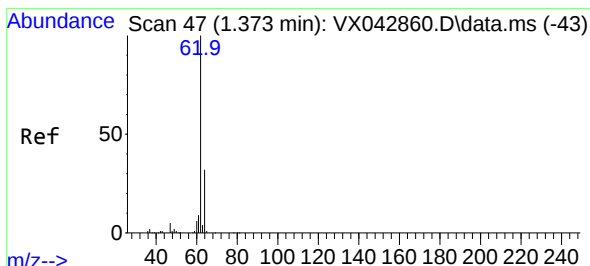
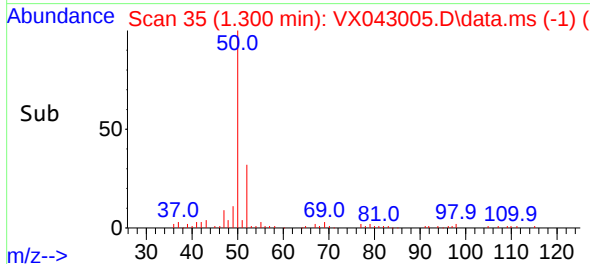
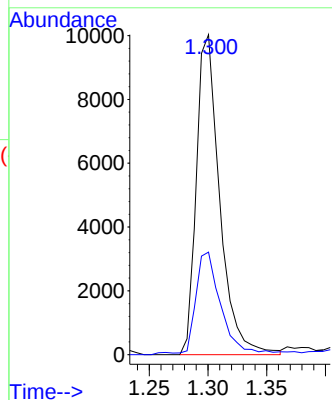
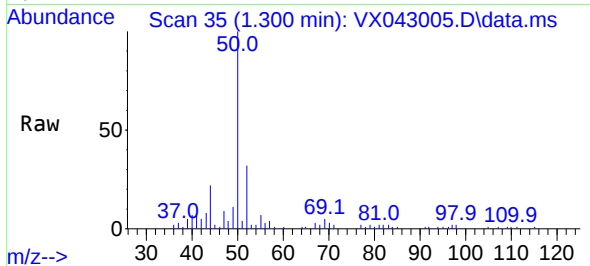




#3  
Chloromethane  
Concen: 7.131 ug/l  
RT: 1.300 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

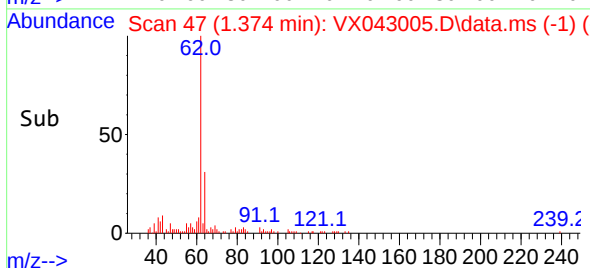
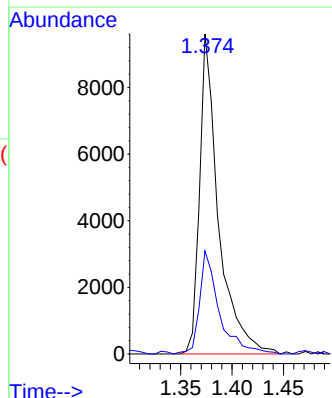
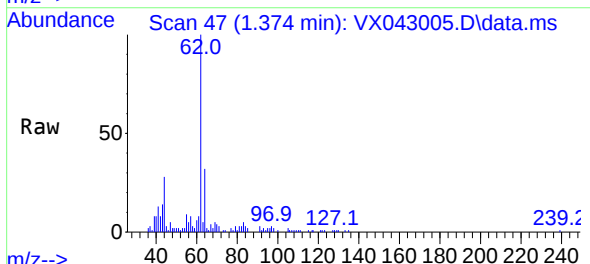
Instrument :  
MSVOA\_X  
ClientSampleId :

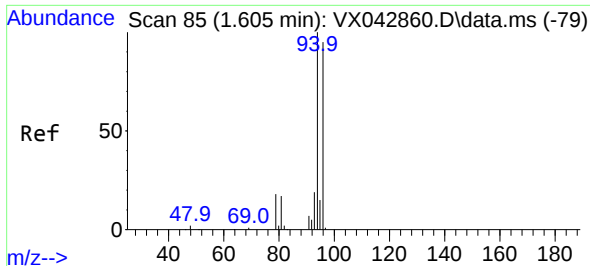
Tgt Ion: 50 Resp: 13882  
Ion Ratio Lower Upper  
50 100  
52 31.5 26.0 39.0



#4  
Vinyl Chloride  
Concen: 6.184 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 62 Resp: 12300  
Ion Ratio Lower Upper  
62 100  
64 32.2 26.3 39.5

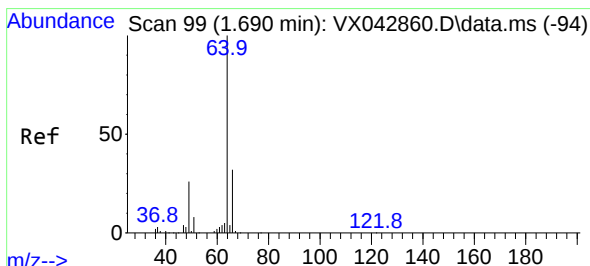
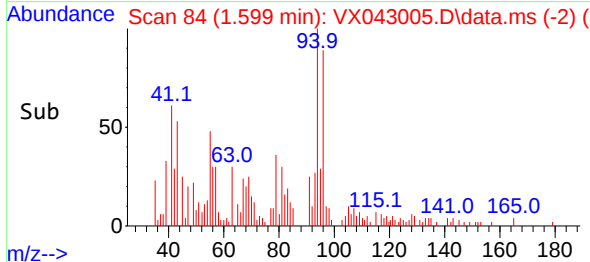
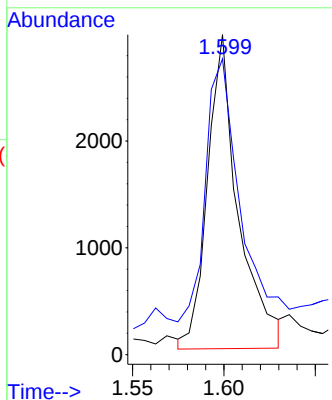
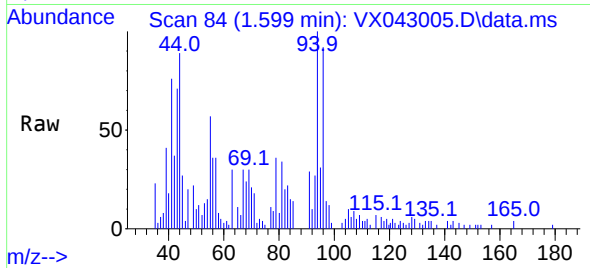




#5  
Bromomethane  
Concen: 3.335 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

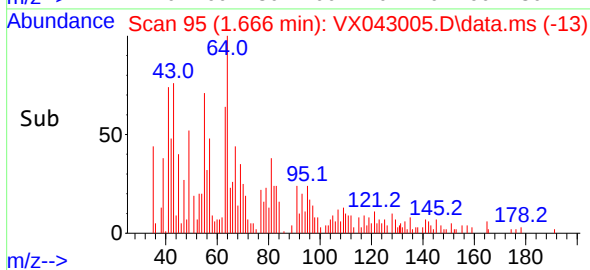
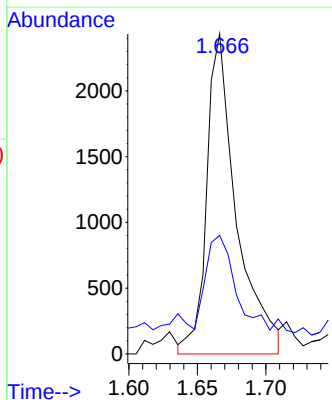
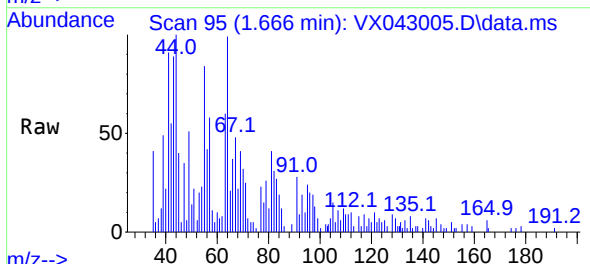
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ClientSampleId :

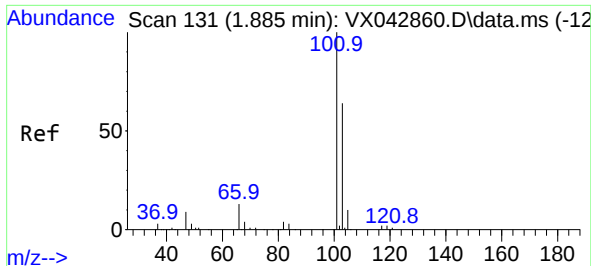
Tgt Ion: 94 Resp: 3445  
Ion Ratio Lower Upper  
94 100  
96 86.4 76.2 114.4



#6  
Chloroethane  
Concen: 3.611 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 64 Resp: 3663  
Ion Ratio Lower Upper  
64 100  
66 26.9 25.9 38.9

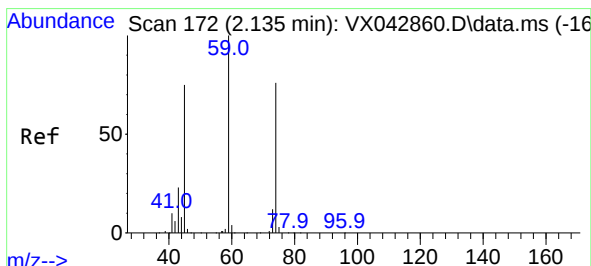
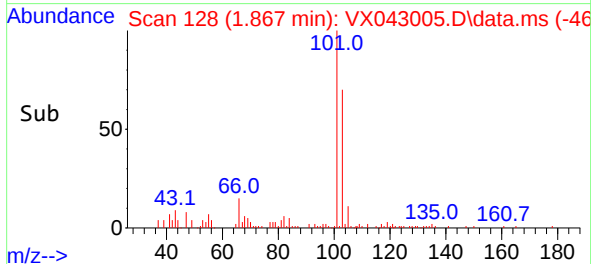
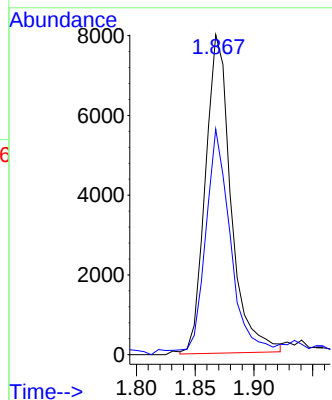
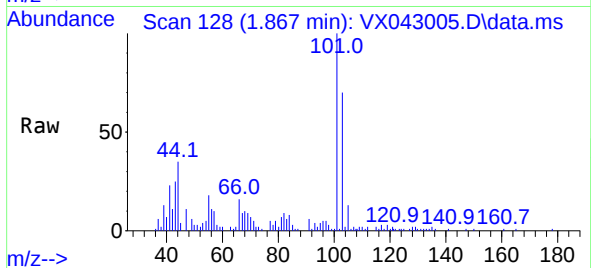




#7  
Trichlorofluoromethane  
Concen: 4.322 ug/l  
RT: 1.867 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

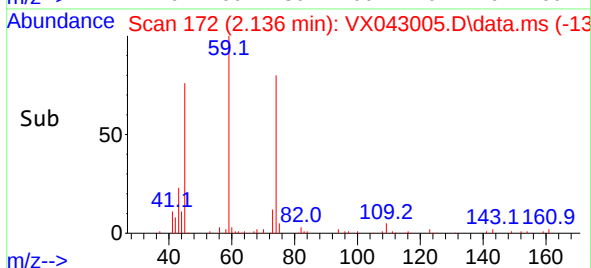
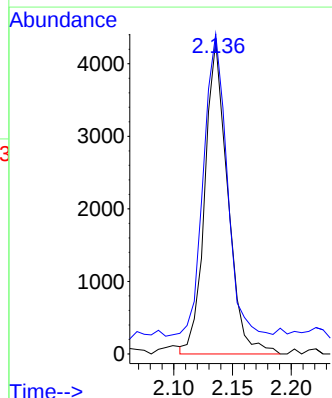
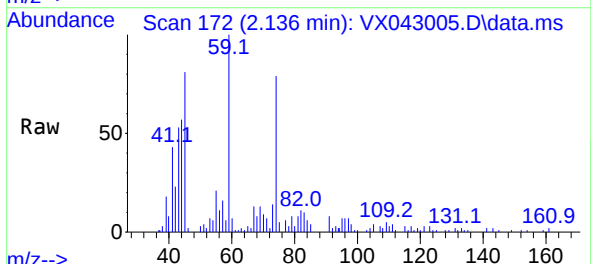
Instrument :  
MSVOA\_X  
ClientSampleId :

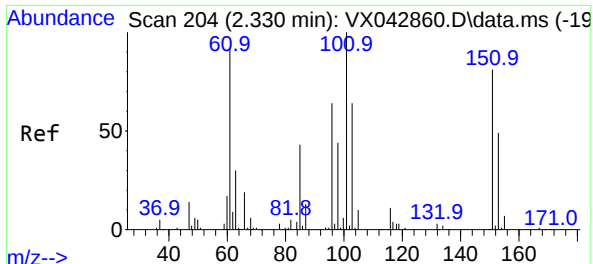
Tgt Ion:101 Resp: 12146  
Ion Ratio Lower Upper  
101 100  
103 69.6 51.5 77.3



#8  
Diethyl Ether  
Concen: 5.059 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

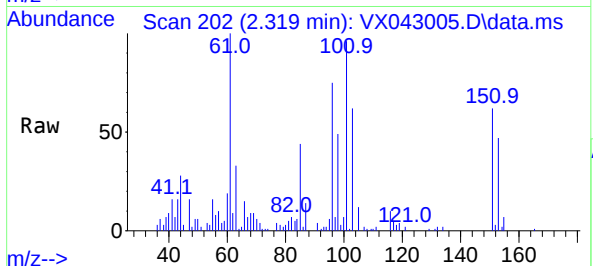
Tgt Ion: 74 Resp: 5857  
Ion Ratio Lower Upper  
74 100  
45 102.9 20.3 182.3



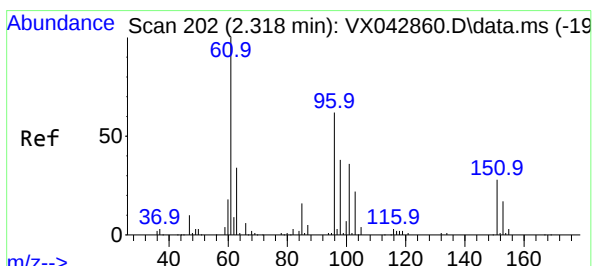
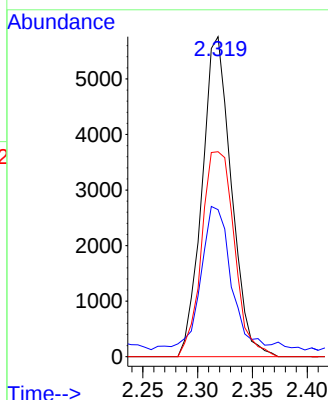
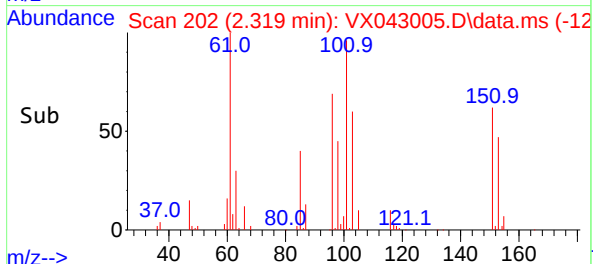


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.286 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

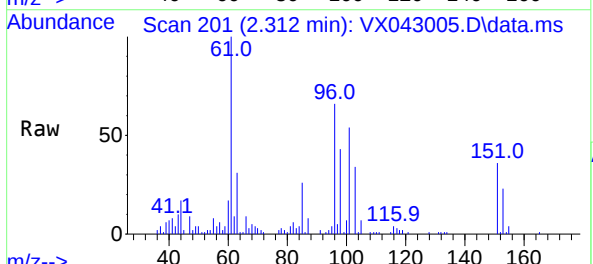
Instrument :  
MSVOA\_X  
ClientSampleId :



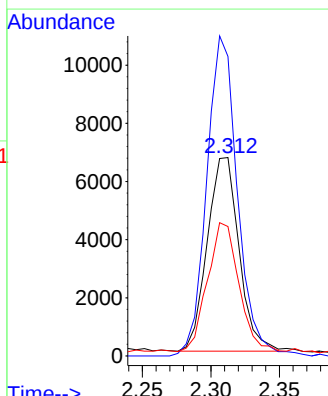
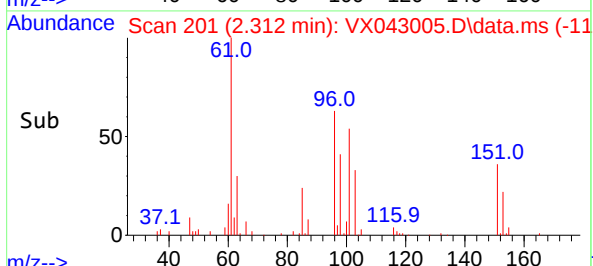
Tgt Ion:101 Resp: 10731  
Ion Ratio Lower Upper  
101 100  
85 42.8 0.0 88.6  
151 71.5 0.0 157.6

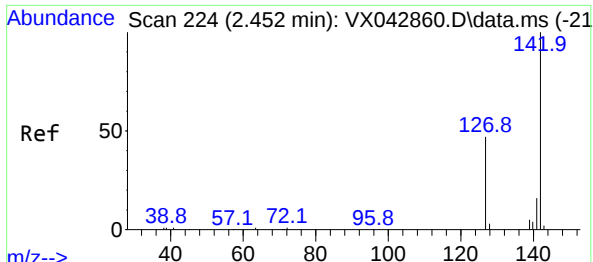


#10  
1,1-Dichloroethene  
Concen: 5.399 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25



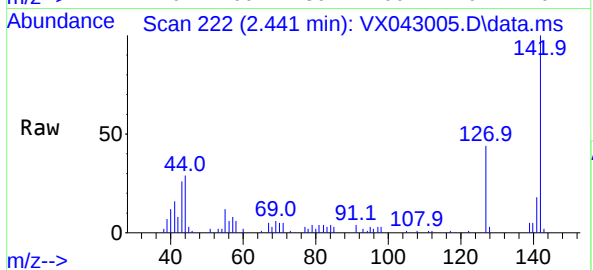
Tgt Ion: 96 Resp: 10736  
Ion Ratio Lower Upper  
96 100  
61 153.5 129.2 193.8  
98 64.7 48.6 72.8



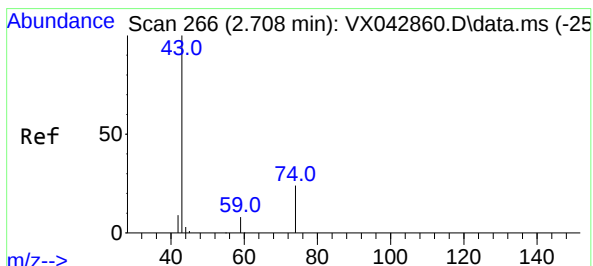
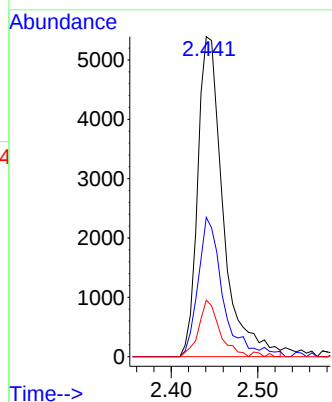
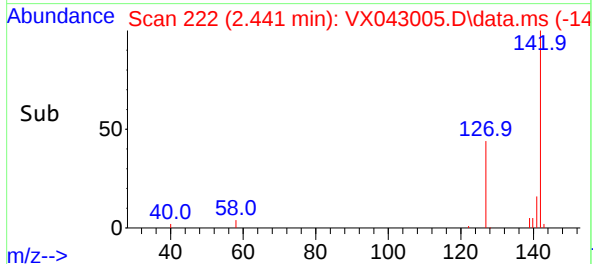


#11  
Methyl Iodide  
Concen: 5.678 ug/l  
RT: 2.441 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :

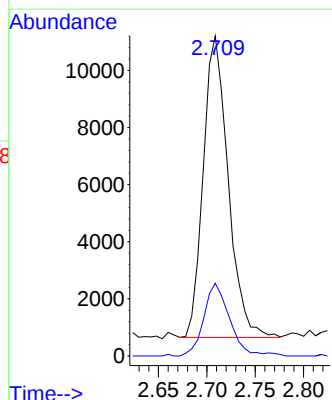
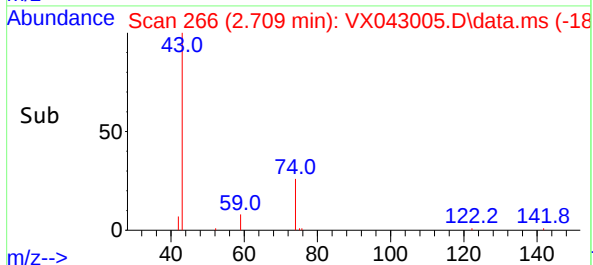
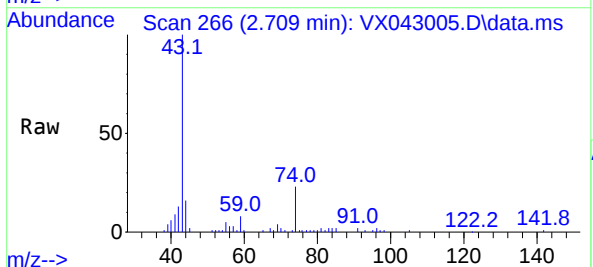


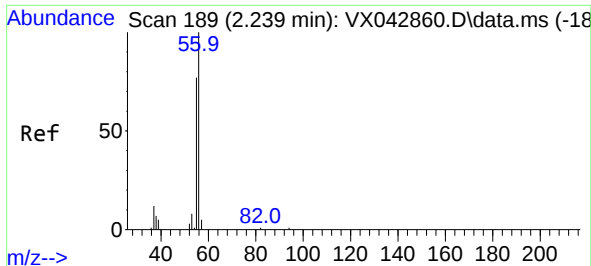
Tgt Ion:142 Resp: 10983  
Ion Ratio Lower Upper  
142 100  
127 43.2 23.6 71.0  
141 17.8 8.0 23.8



#12  
Methyl Acetate  
Concen: 4.652 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 43 Resp: 18937  
Ion Ratio Lower Upper  
43 100  
74 23.9 19.4 29.2

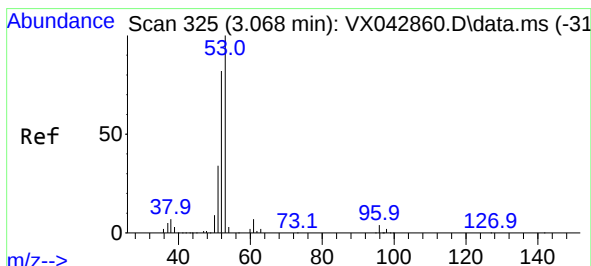
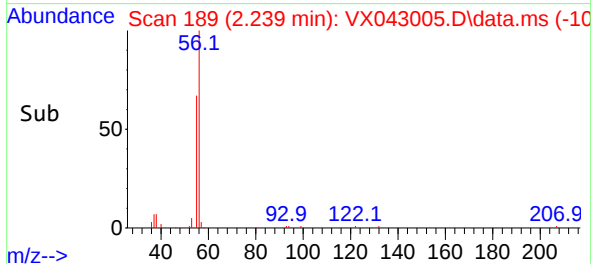
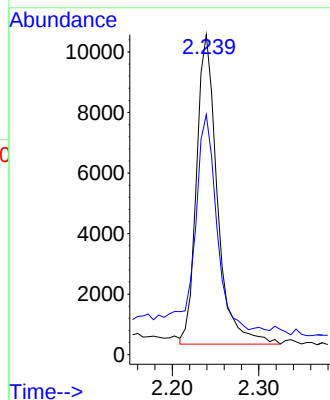
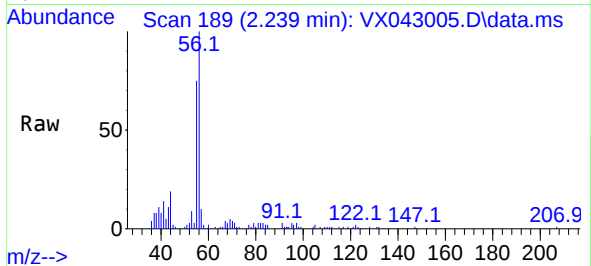




#13  
Acrolein  
Concen: 75.919 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

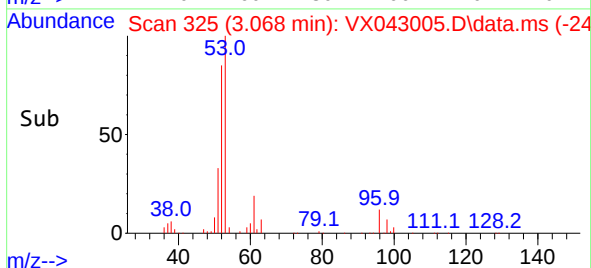
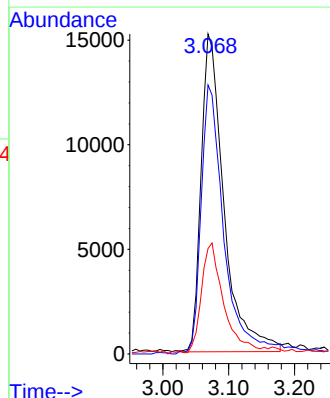
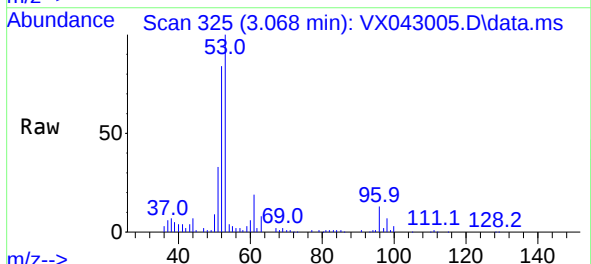
Instrument :  
MSVOA\_X  
ClientSampleId :

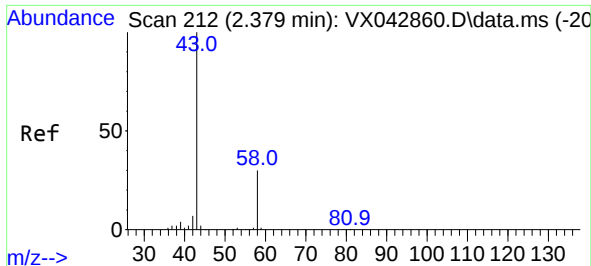
Tgt Ion: 56 Resp: 17052  
Ion Ratio Lower Upper  
56 100  
55 67.4 60.6 90.8



#14  
Acrylonitrile  
Concen: 27.772 ug/l  
RT: 3.068 min Scan# 325  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

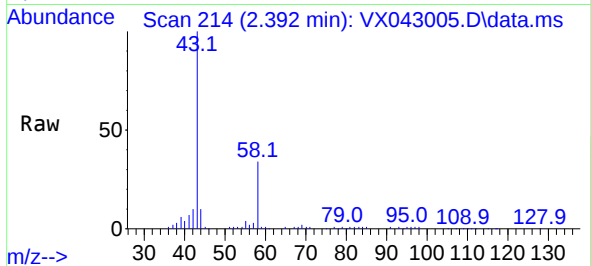
Tgt Ion: 53 Resp: 36757  
Ion Ratio Lower Upper  
53 100  
52 81.9 41.2 123.6  
51 33.5 17.9 53.8



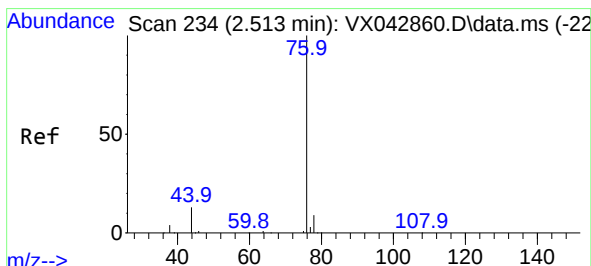
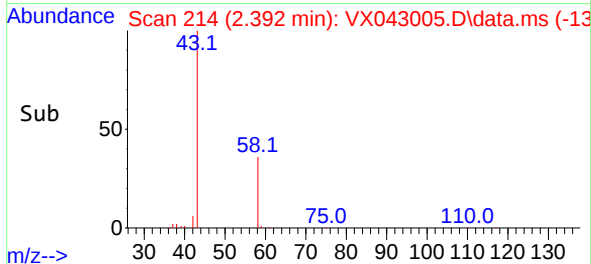
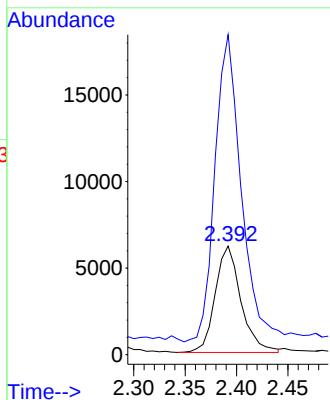


#15  
Acetone  
Concen: 25.275 ug/l  
RT: 2.392 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :

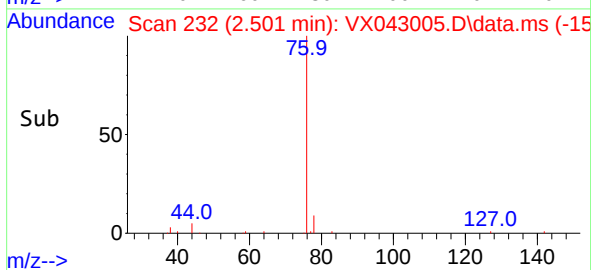
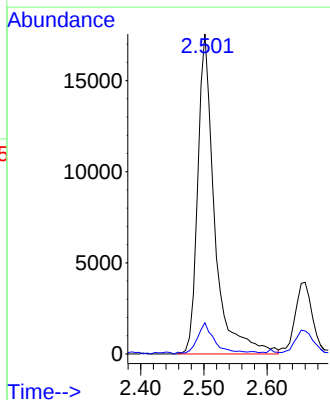
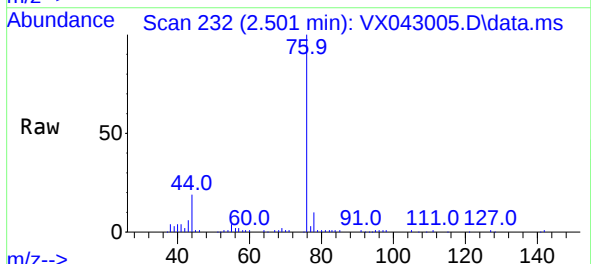


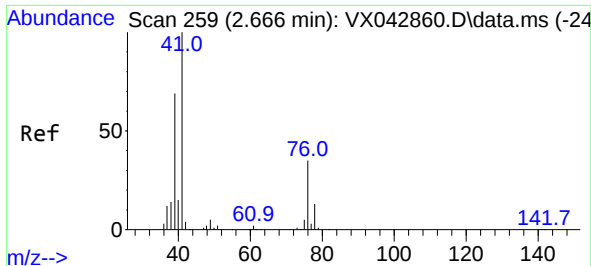
Tgt Ion: 58 Resp: 10712  
Ion Ratio Lower Upper  
58 100  
43 286.4 269.9 404.9



#16  
Carbon Disulfide  
Concen: 7.306 ug/l  
RT: 2.501 min Scan# 232  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 76 Resp: 32631  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.1 10.7





#17

Allyl chloride

Concen: 6.598 ug/l

RT: 2.660 min Scan# 21

Delta R.T. -0.000 min

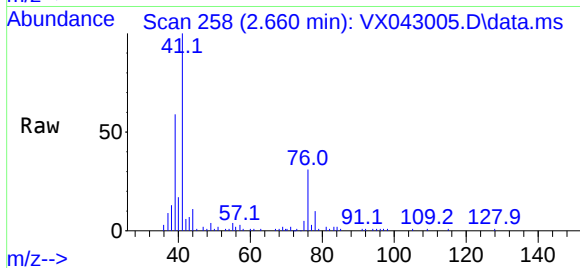
Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

Instrument :

MSVOA\_X

ClientSampleId :



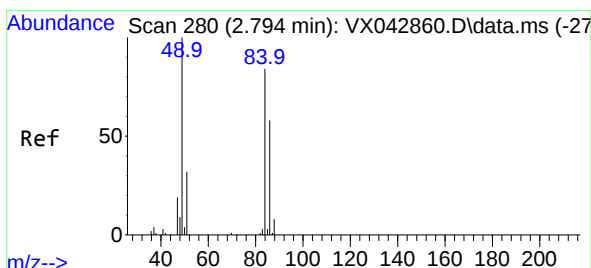
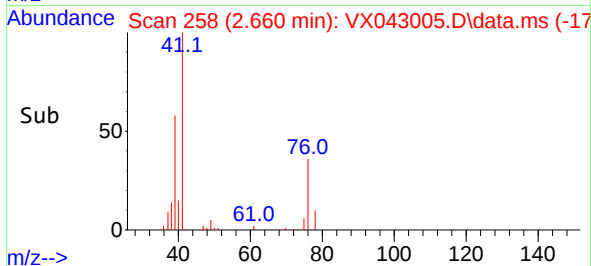
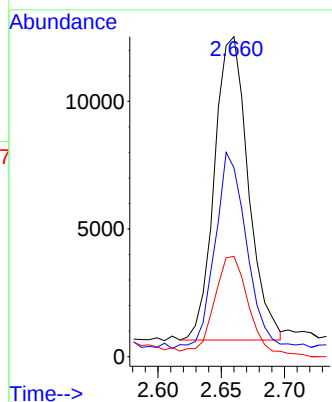
Tgt Ion: 41 Resp: 22056

Ion Ratio Lower Upper

41 100

39 58.3 34.6 103.9

76 31.3 18.4 55.4



#18

Methylene Chloride

Concen: 5.320 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

Tgt Ion: 84 Resp: 12304

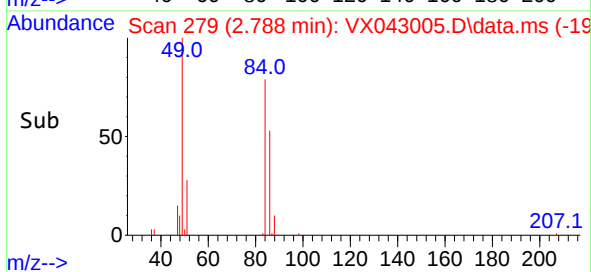
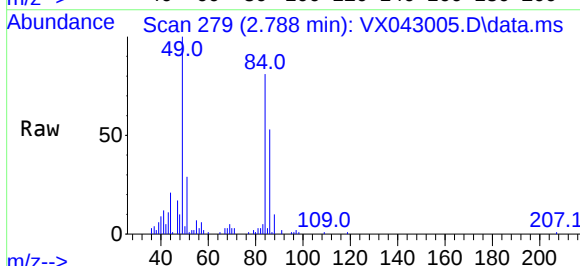
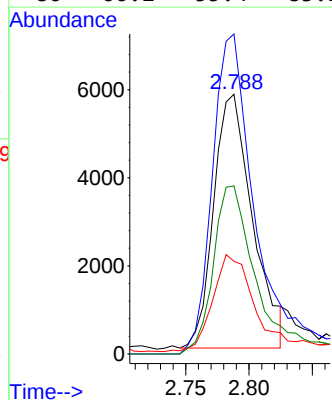
Ion Ratio Lower Upper

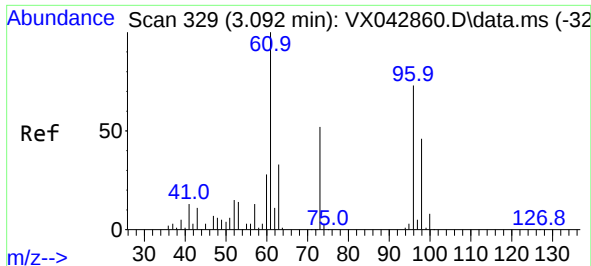
84 100

49 126.1 95.0 142.6

51 35.2 30.1 45.1

86 66.2 55.4 83.2

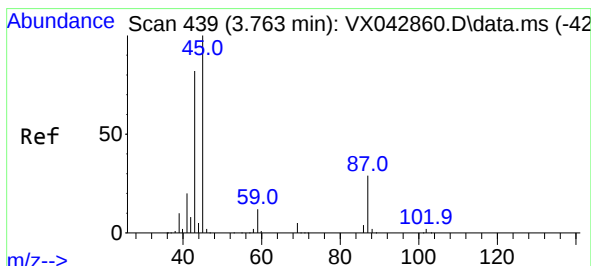
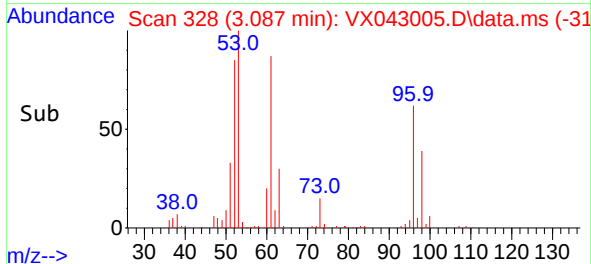
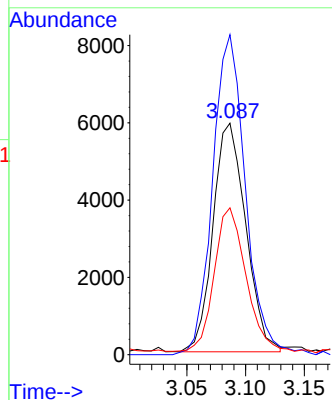
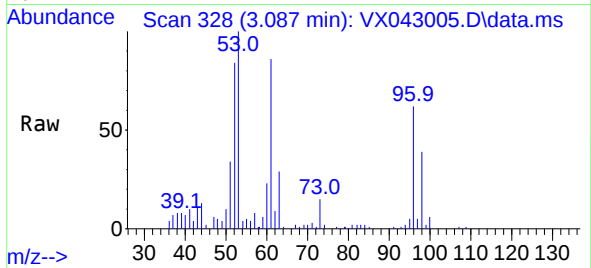




#19  
trans-1,2-Dichloroethene  
Concen: 5.729 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

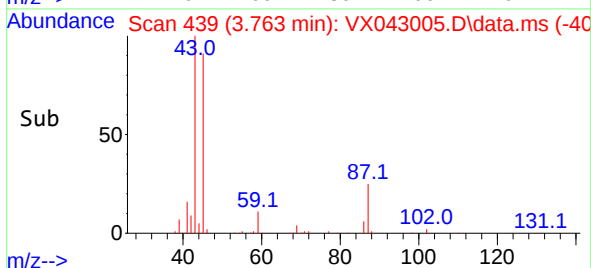
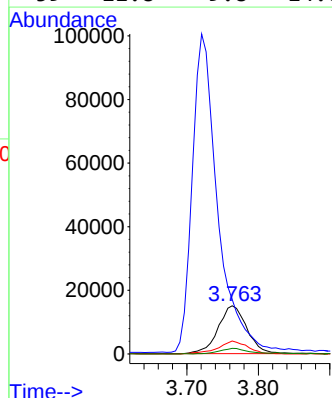
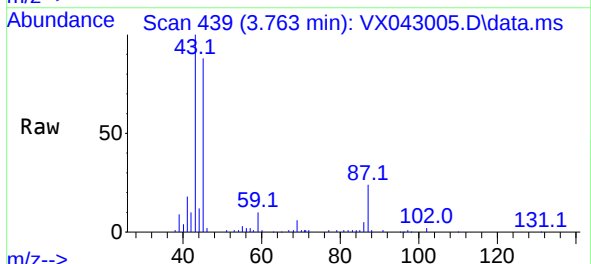
Instrument :  
MSVOA\_X  
ClientSampleId :

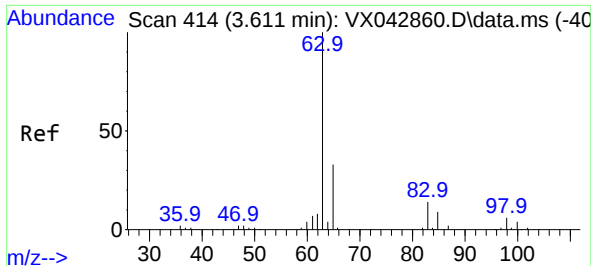
Tgt Ion: 96 Resp: 11490  
Ion Ratio Lower Upper  
96 100  
61 138.9 109.6 164.4  
98 62.6 50.4 75.6



#20  
Diisopropyl ether  
Concen: 5.854 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

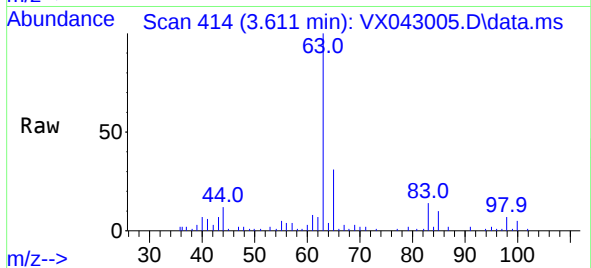
Tgt Ion: 45 Resp: 41731  
Ion Ratio Lower Upper  
45 100  
43 103.6 65.4 98.2#  
87 27.1 23.0 34.6  
59 11.8 9.8 14.6



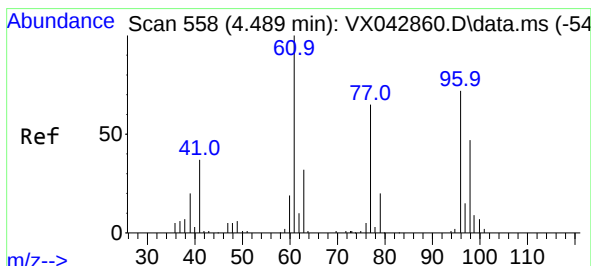
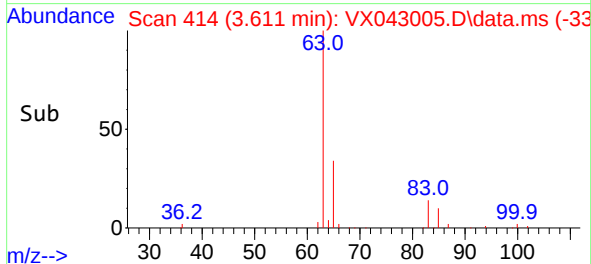
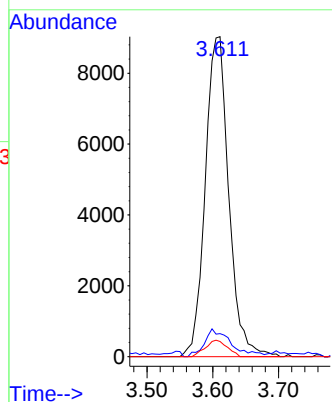


#21  
1,1-Dichloroethane  
Concen: 5.667 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :

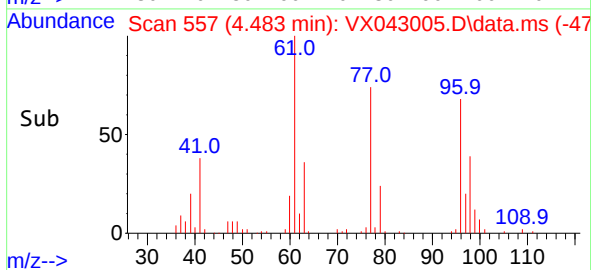
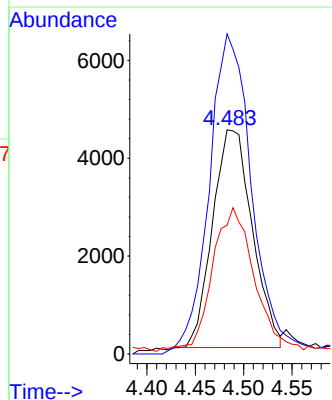
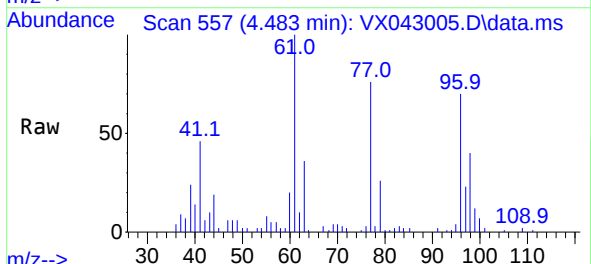


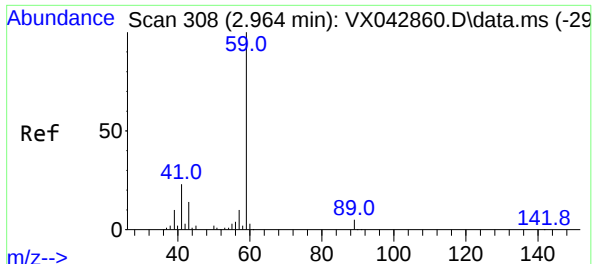
Tgt Ion: 63 Resp: 22452  
Ion Ratio Lower Upper  
63 100  
98 6.1 2.9 8.8  
100 4.7 2.1 6.3



#22  
cis-1,2-Dichloroethene  
Concen: 5.035 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. -0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 96 Resp: 12725  
Ion Ratio Lower Upper  
96 100  
61 158.6 117.7 176.5  
98 66.7 53.4 80.0

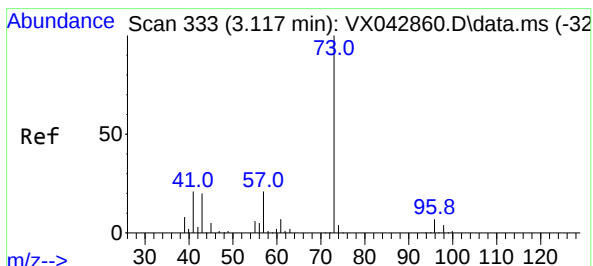
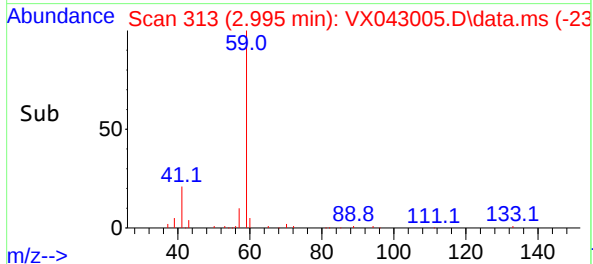
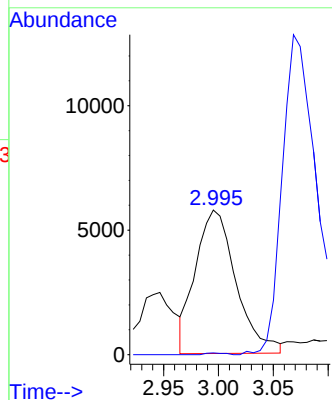
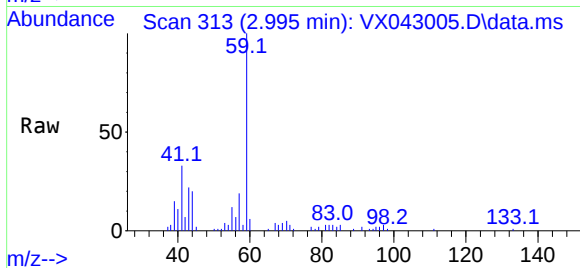




#23  
tert-Butyl Alcohol  
Concen: 24.381 ug/l  
RT: 2.995 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

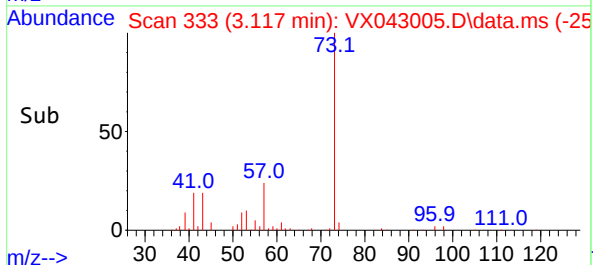
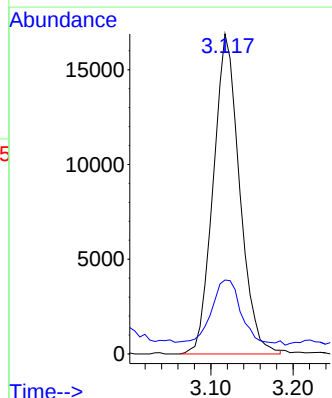
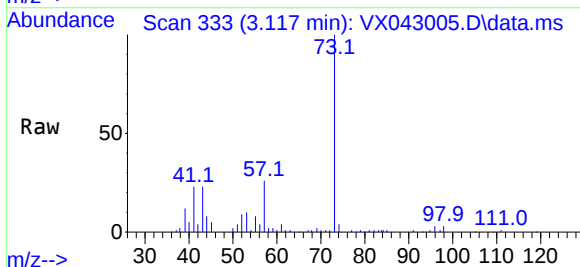
Instrument :  
MSVOA\_X  
ClientSampleId :

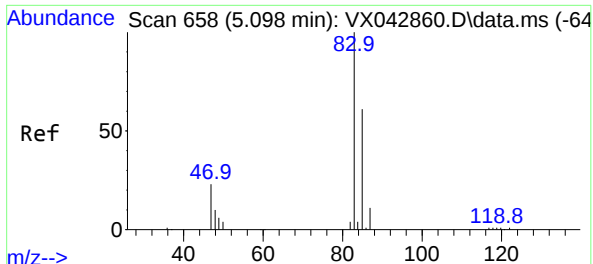
Tgt Ion: 59 Resp: 14820  
Ion Ratio Lower Upper  
59 100  
52 0.6 0.1 0.1#



#24  
Methyl tert-Butyl Ether  
Concen: 5.284 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 73 Resp: 37570  
Ion Ratio Lower Upper  
73 100  
43 21.7 16.2 24.2





#25

Chloroform

Concen: 4.702 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

Instrument :

MSVOA\_X

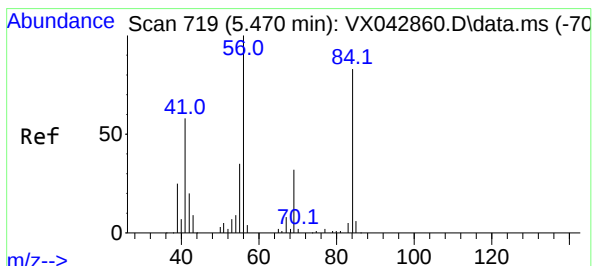
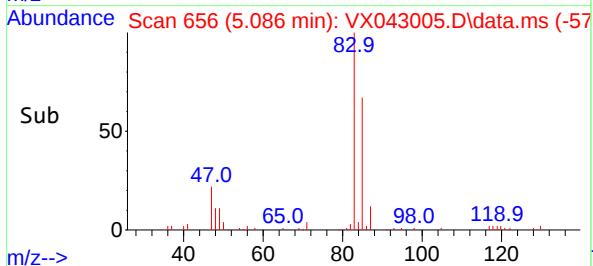
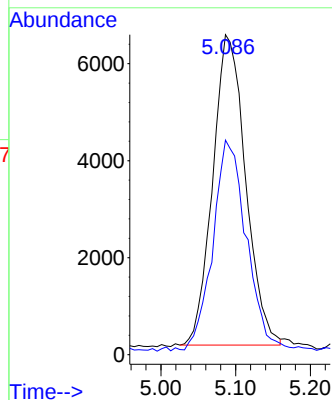
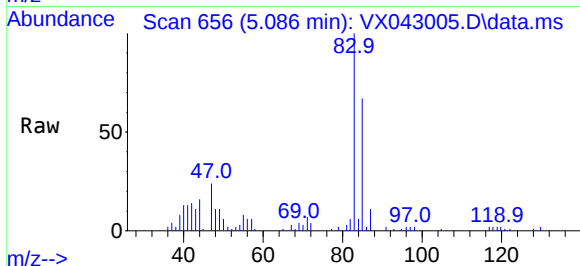
ClientSampleId :

Tgt Ion: 83 Resp: 19592

Ion Ratio Lower Upper

83 100

85 67.5 49.2 73.8



#26

Cyclohexane

Concen: 6.306 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

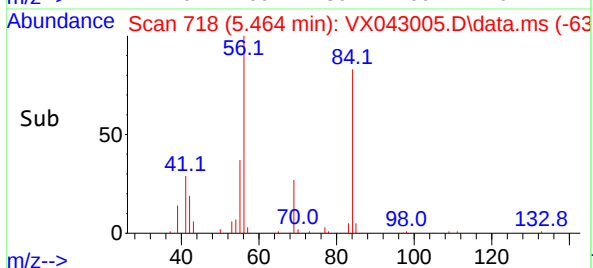
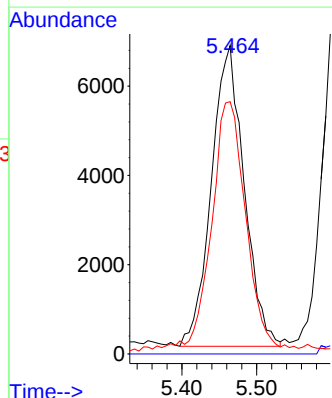
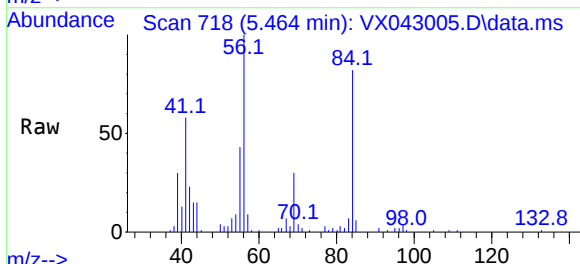
Tgt Ion: 56 Resp: 20563

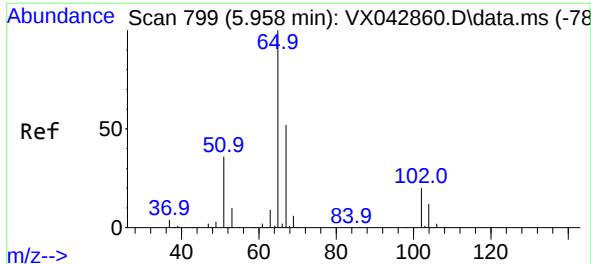
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 82.2 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 25.614 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

Instrument :

MSVOA\_X

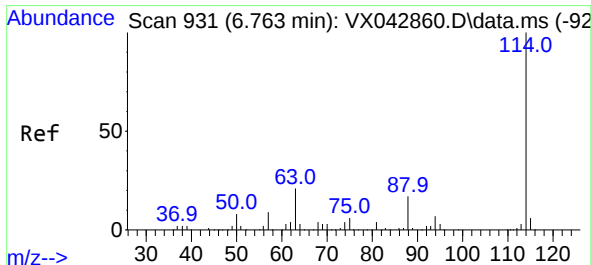
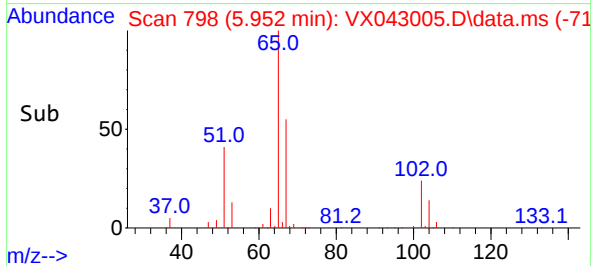
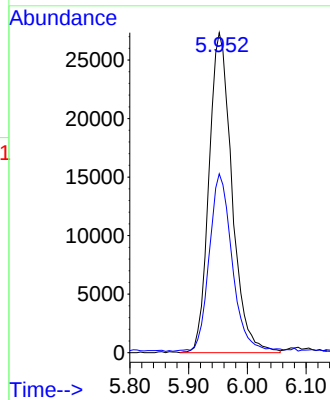
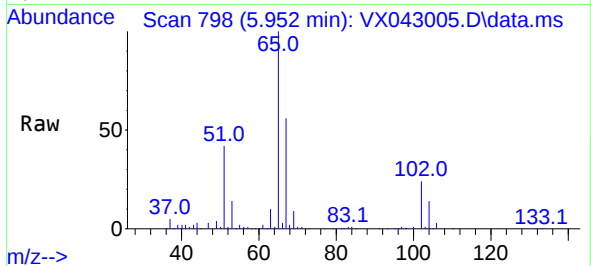
ClientSampleId :

Tgt Ion: 65 Resp: 74100

Ion Ratio Lower Upper

65 100

67 54.4 40.6 60.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

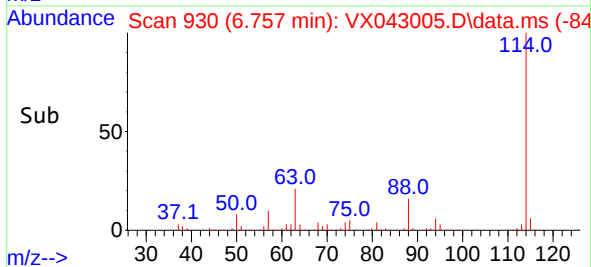
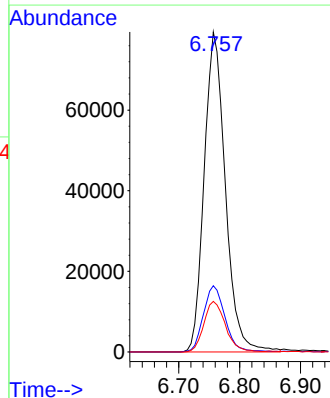
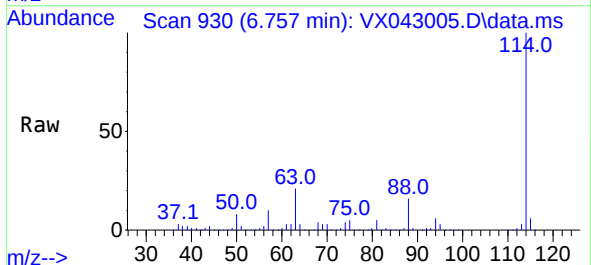
Tgt Ion: 114 Resp: 191880

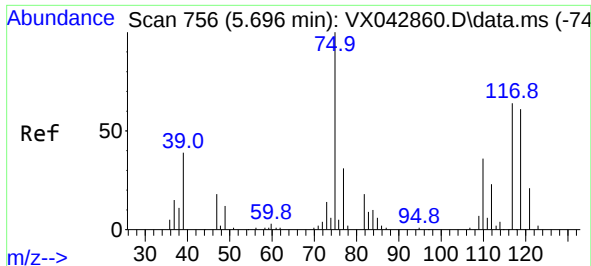
Ion Ratio Lower Upper

114 100

63 21.2 16.0 24.0

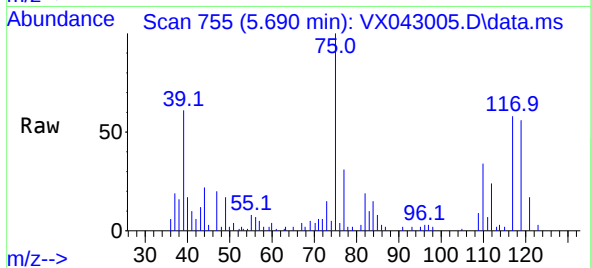
88 16.2 12.5 18.7





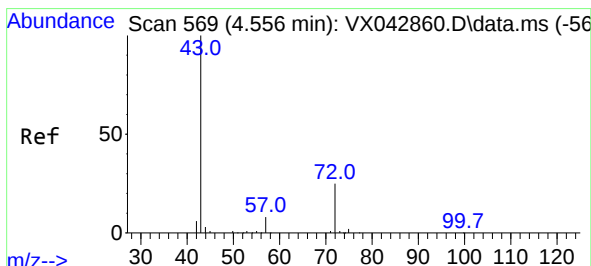
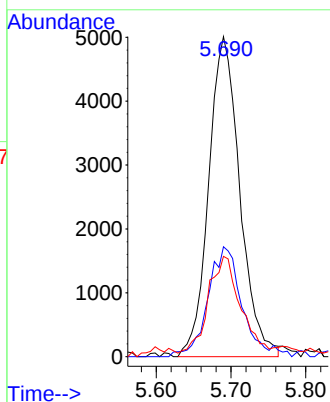
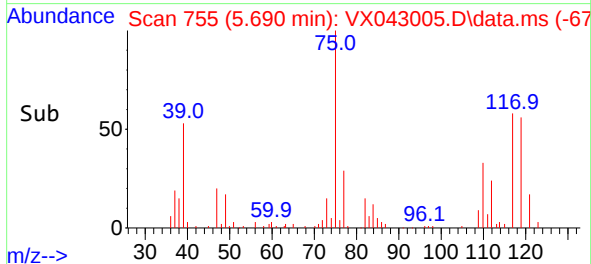
#29  
1,1-Dichloropropene  
Concen: 5.693 ug/l  
RT: 5.690 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 75 Resp: 14527

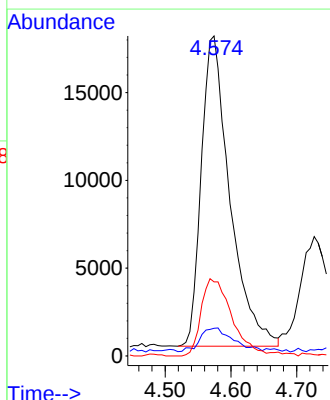
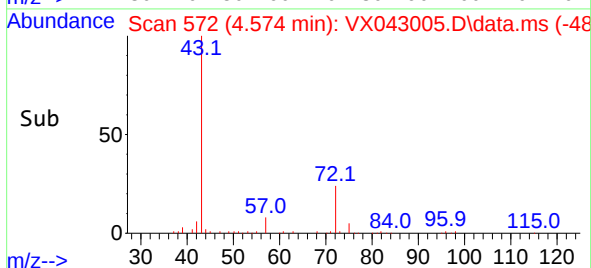
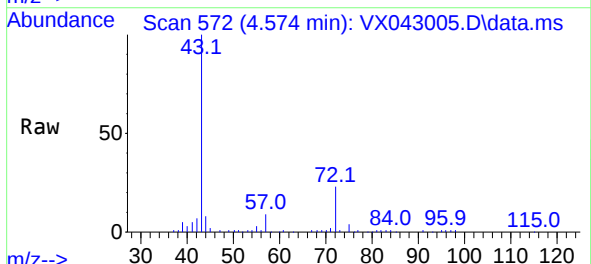
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 32.4  | 0.0   | 72.4  |
| 77  | 19.5  | 0.0   | 63.4  |

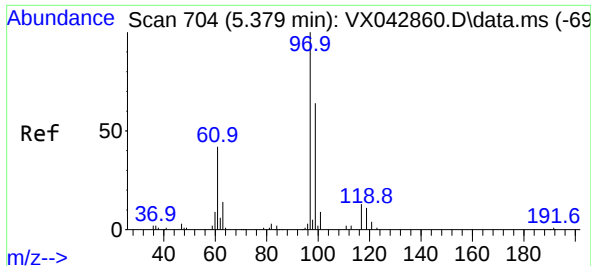


#30  
2-Butanone  
Concen: 28.500 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 43 Resp: 53488

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 57  | 7.5   | 6.6   | 10.0  |
| 72  | 26.4  | 21.0  | 31.4  |





#32

1,1,1-Trichloroethane

Concen: 5.199 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

Instrument :

MSVOA\_X

ClientSampleId :

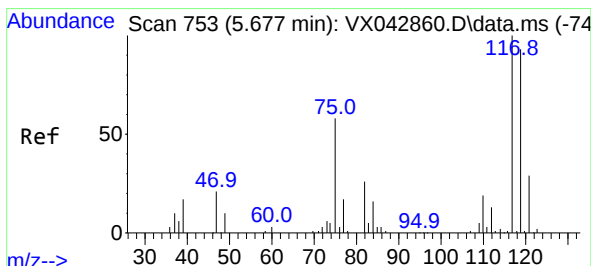
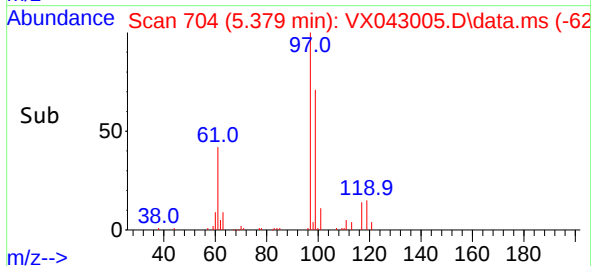
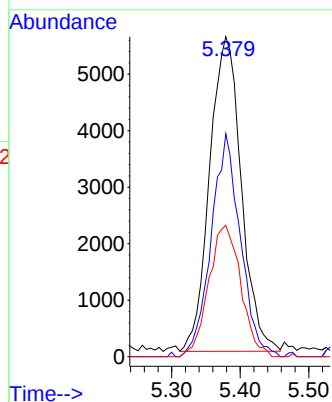
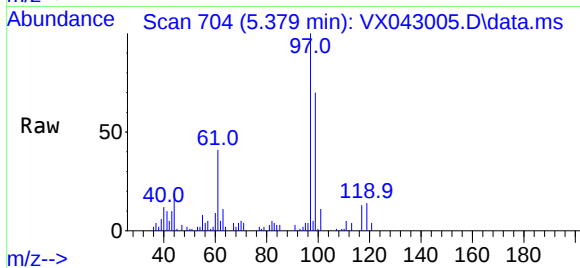
Tgt Ion: 97 Resp: 17860

Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

61 42.4 34.3 51.5



#33

Carbon Tetrachloride

Concen: 4.878 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

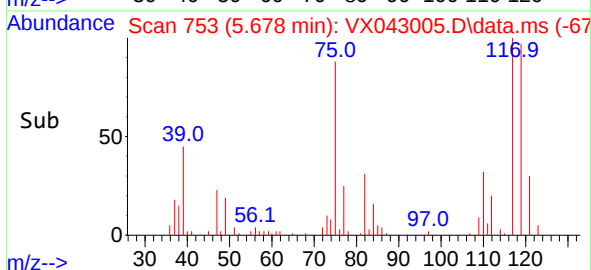
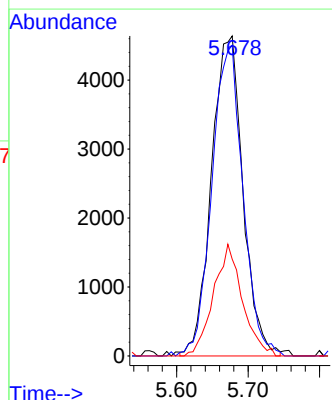
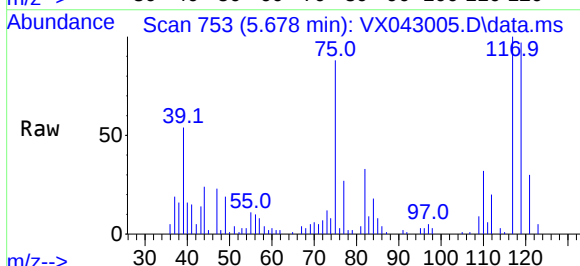
Tgt Ion: 117 Resp: 14156

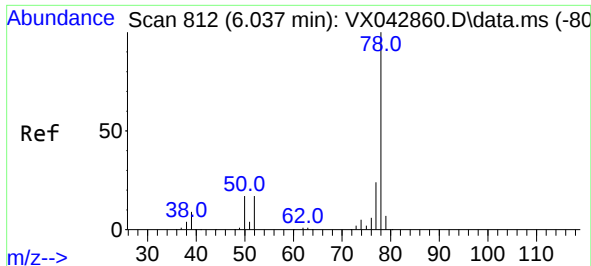
Ion Ratio Lower Upper

117 100

119 97.2 75.7 113.5

121 30.6 23.3 34.9



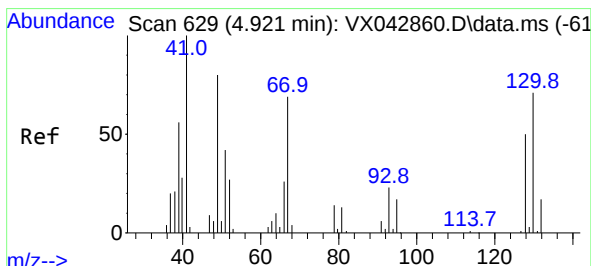
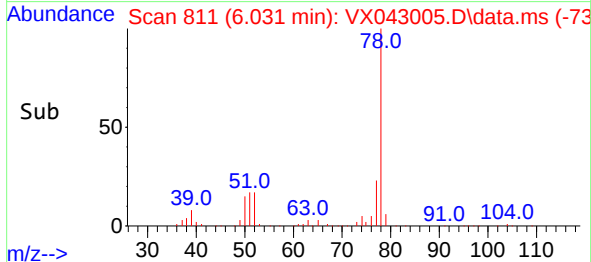
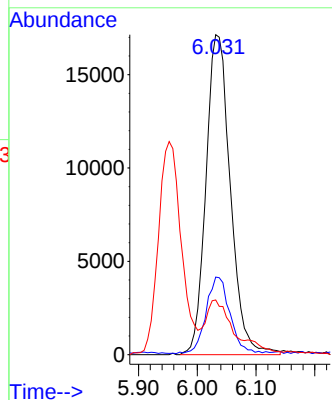
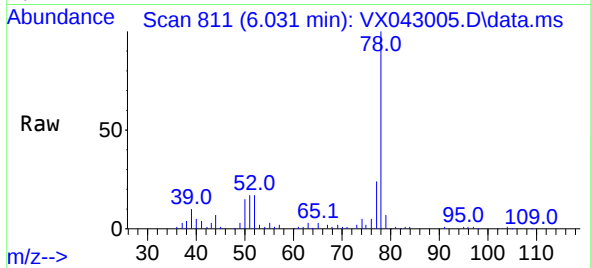


#34  
Benzene  
Concen: 6.007 ug/l  
RT: 6.031 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 78 Resp: 49565

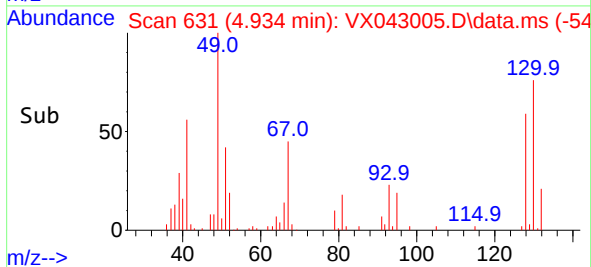
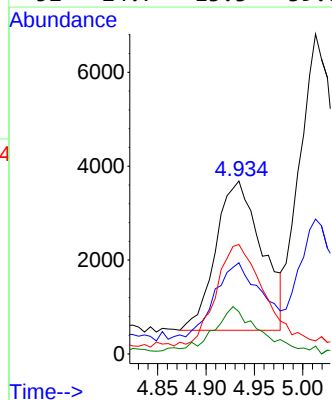
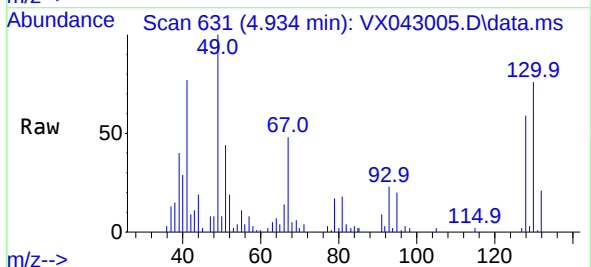
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.5  | 19.4  | 29.2  |
| 51  | 16.2  | 13.5  | 20.3  |

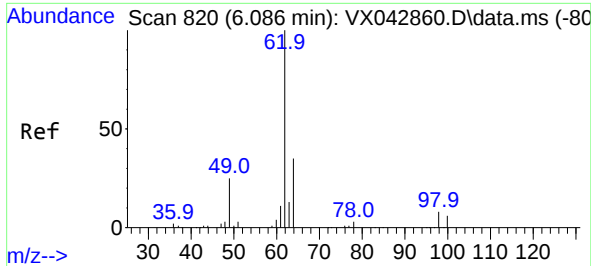


#35  
Methacrylonitrile  
Concen: 5.839 ug/l  
RT: 4.934 min Scan# 631  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 41 Resp: 10526

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 48.4  | 28.1  | 84.2  |
| 67  | 65.3  | 34.4  | 103.1 |
| 52  | 24.7  | 13.3  | 39.8  |

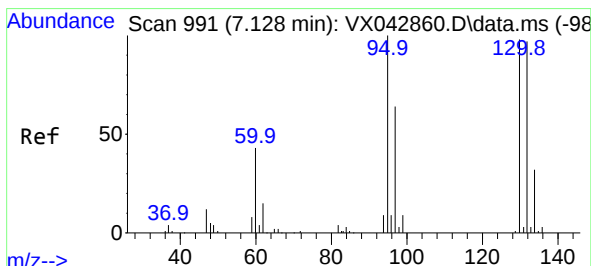
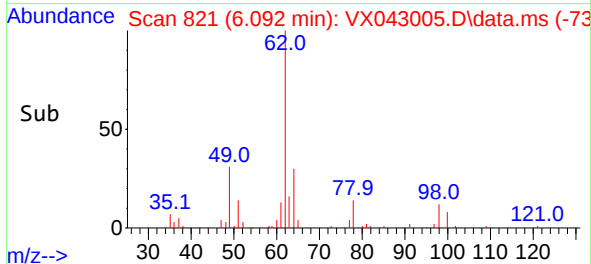
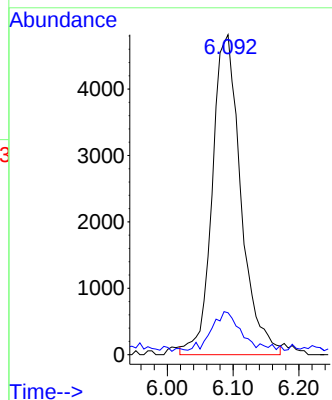
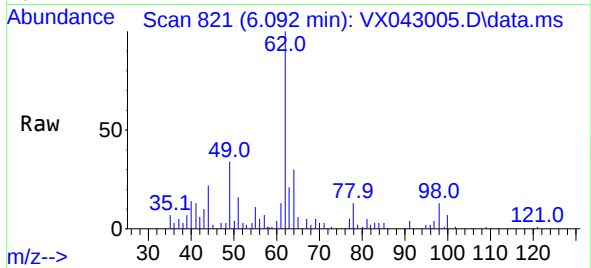




#36  
1,2-Dichloroethane  
Concen: 4.999 ug/l  
RT: 6.092 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

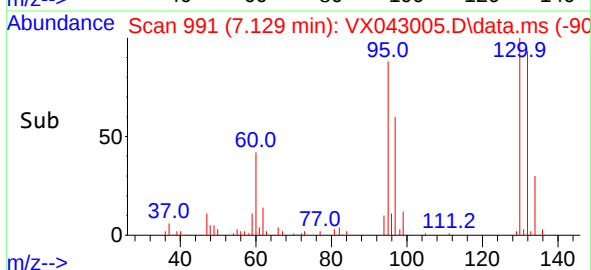
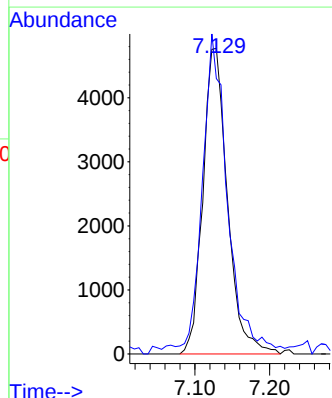
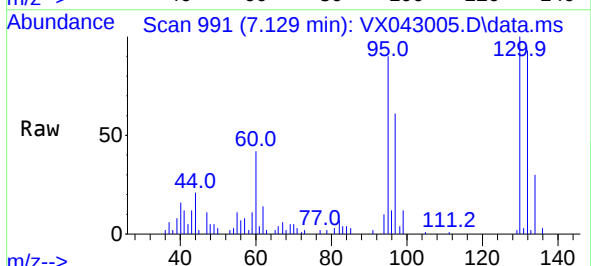
Instrument :  
MSVOA\_X  
ClientSampleId :

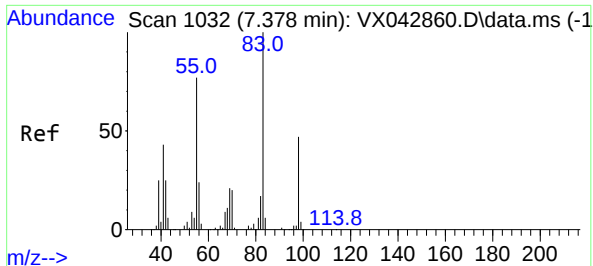
Tgt Ion: 62 Resp: 14584  
Ion Ratio Lower Upper  
62 100  
98 12.2 6.8 10.2#



#37  
Trichloroethene  
Concen: 5.374 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion:130 Resp: 10940  
Ion Ratio Lower Upper  
130 100  
95 87.6 81.4 122.2

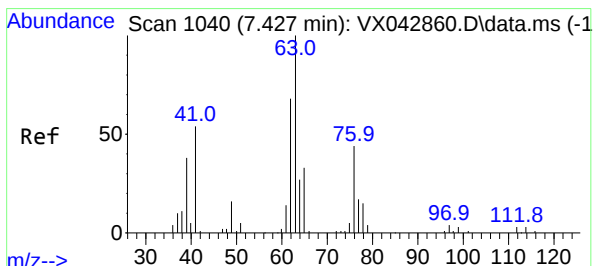
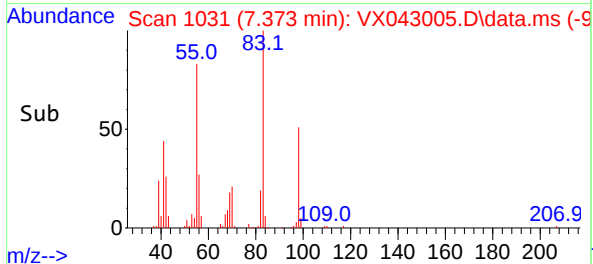
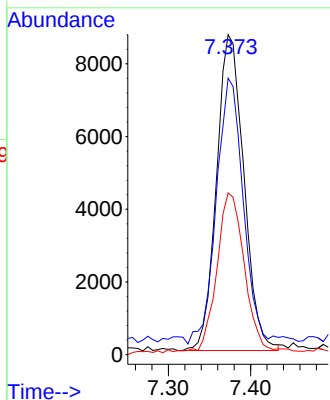
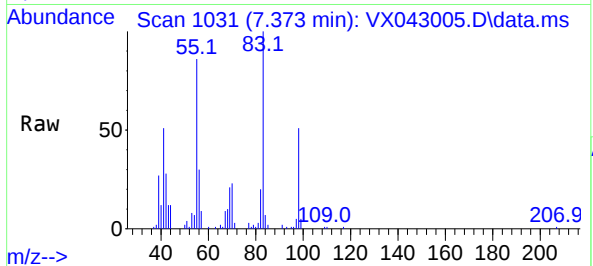




#38  
Methylcyclohexane  
Concen: 6.167 ug/l  
RT: 7.373 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

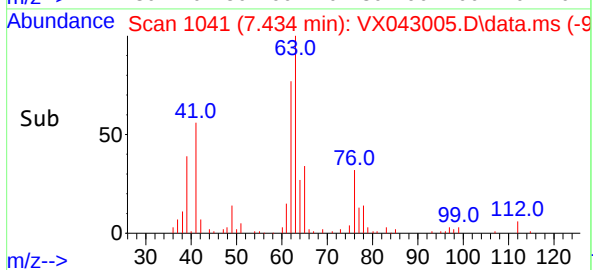
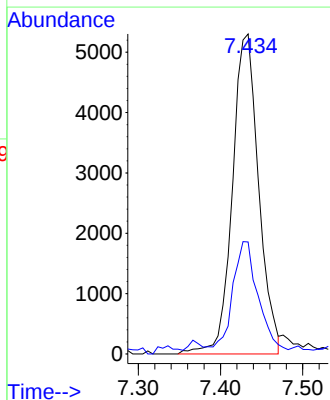
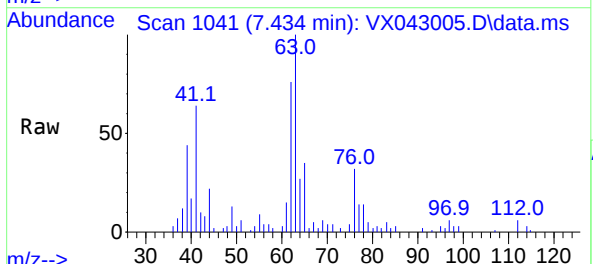
Instrument :  
MSVOA\_X  
ClientSampleId :

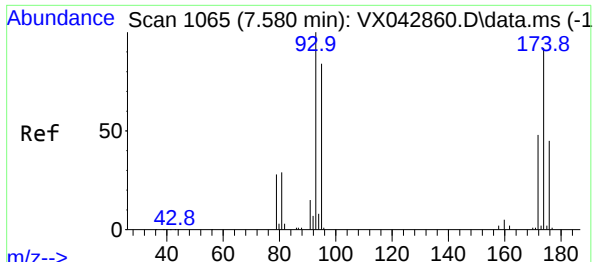
Tgt Ion: 83 Resp: 20061  
Ion Ratio Lower Upper  
83 100  
55 82.2 38.0 113.9  
98 48.9 23.4 70.2



#39  
1,2-Dichloropropane  
Concen: 5.645 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

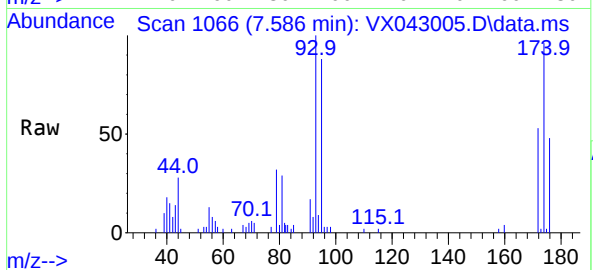
Tgt Ion: 63 Resp: 11799  
Ion Ratio Lower Upper  
63 100  
65 33.5 26.6 39.8





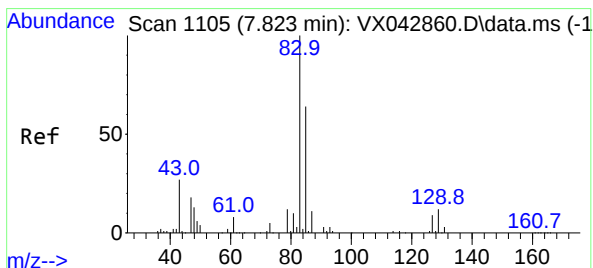
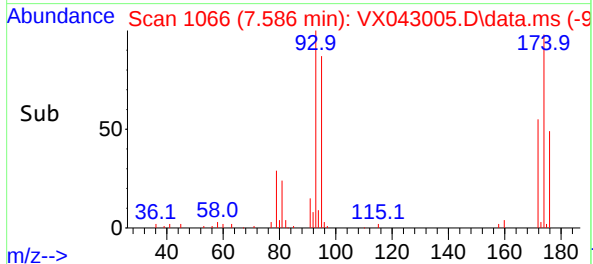
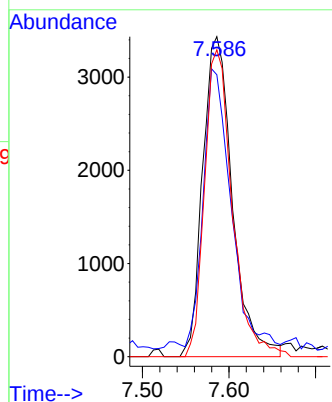
#40  
Dibromomethane  
Concen: 5.344 ug/l  
RT: 7.586 min Scan# 1065  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 93 Resp: 8189

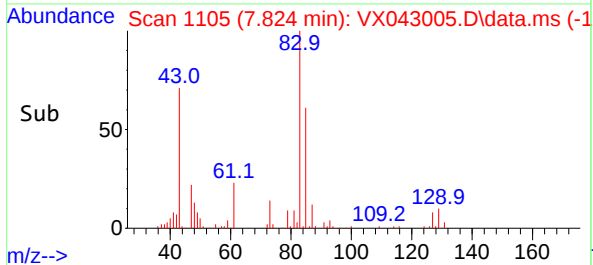
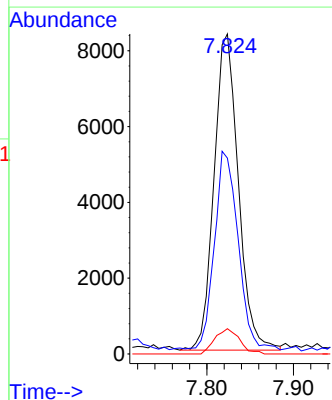
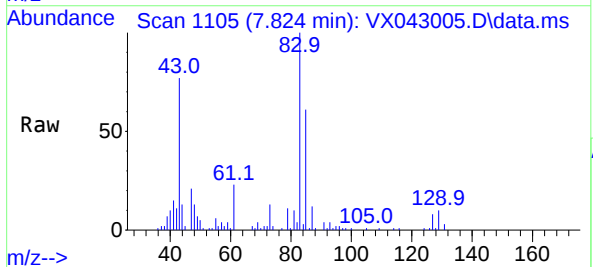
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 78.4  | 0.0   | 161.8 |
| 174 | 89.2  | 0.0   | 194.0 |

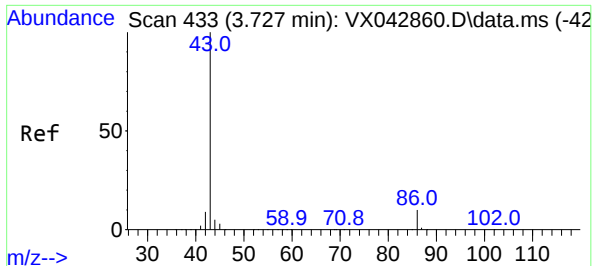


#41  
Bromodichloromethane  
Concen: 5.349 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 83 Resp: 16288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 60.6  | 50.8  | 76.2  |
| 127 | 8.0   | 6.9   | 10.3  |

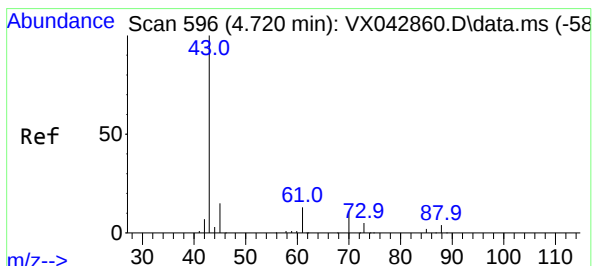
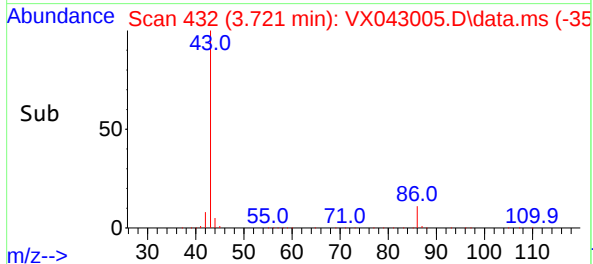
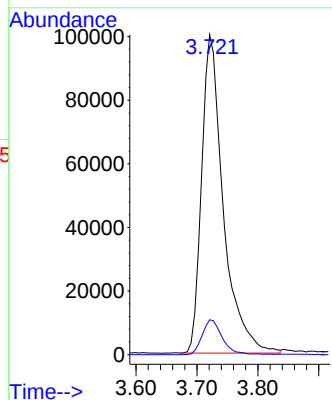
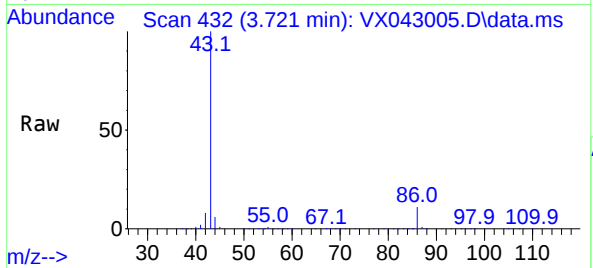




#42  
 Vinyl Acetate  
 Concen: 39.823 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX043005.D  
 Acq: 13 Aug 2024 10:25

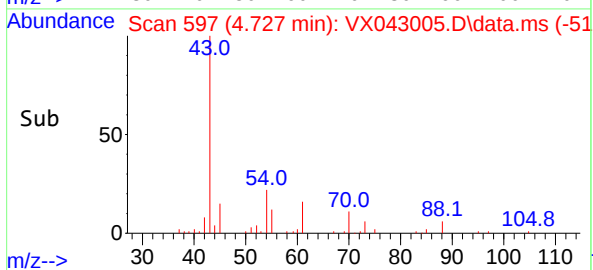
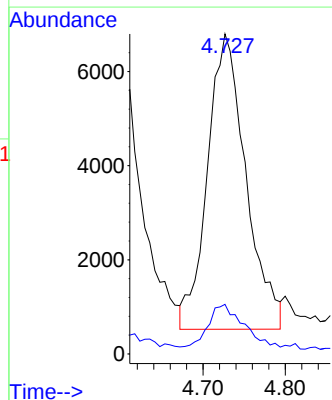
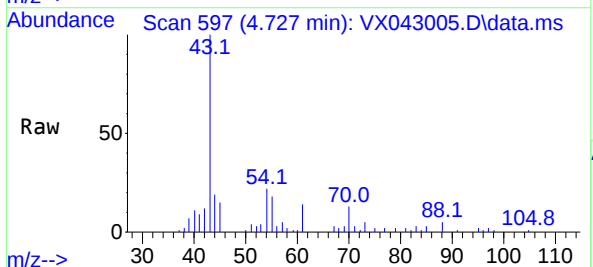
Instrument :  
 MSVOA\_X  
 ClientSampleId :

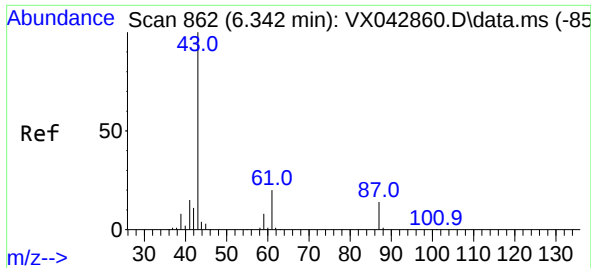
Tgt Ion: 43 Resp: 247791  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 7.2 10.8



#43  
 Ethyl Acetate  
 Concen: 6.350 ug/l  
 RT: 4.727 min Scan# 597  
 Delta R.T. 0.006 min  
 Lab File: VX043005.D  
 Acq: 13 Aug 2024 10:25

Tgt Ion: 43 Resp: 20371  
 Ion Ratio Lower Upper  
 43 100  
 45 16.8 12.5 18.7

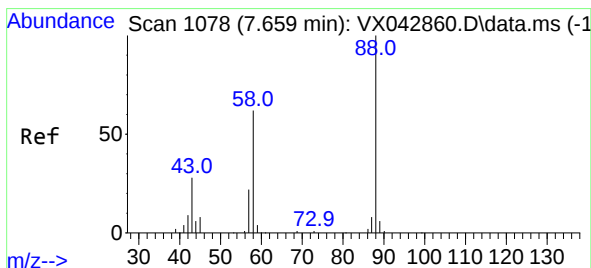
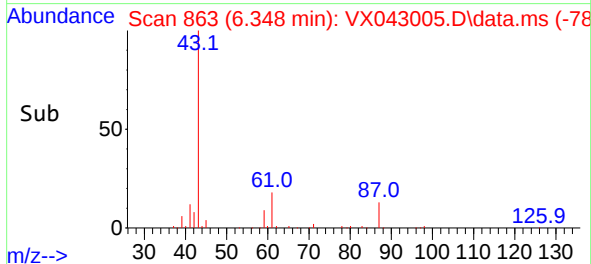
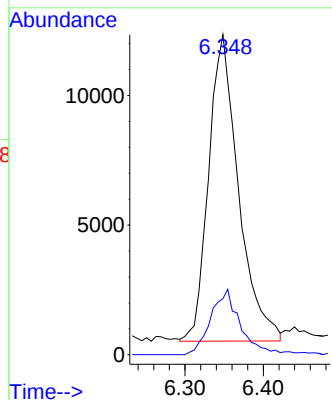
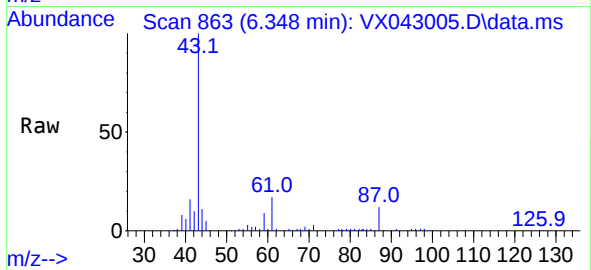




#44  
Isopropyl Acetate  
Concen: 5.993 ug/l  
RT: 6.348 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

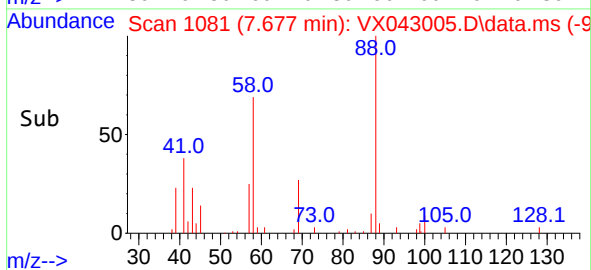
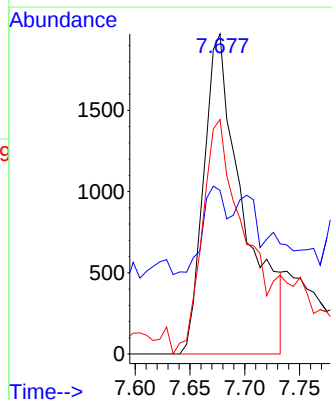
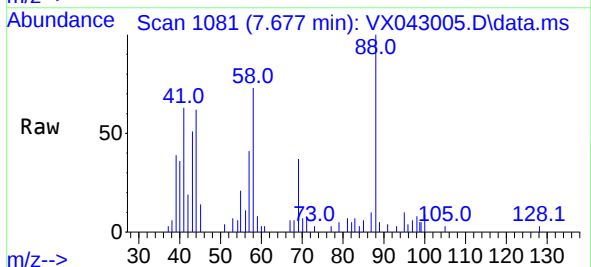
Instrument :  
MSVOA\_X  
ClientSampleId :

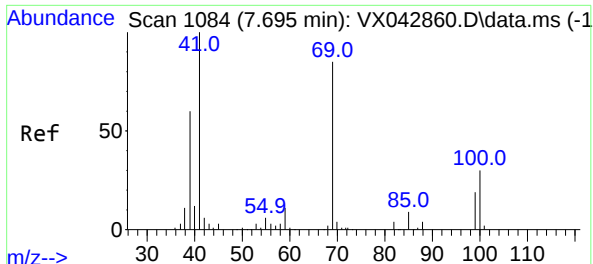
Tgt Ion: 43 Resp: 31319  
Ion Ratio Lower Upper  
43 100  
61 20.8 15.4 23.0



#45  
1,4-Dioxane  
Concen: 92.725 ug/l  
RT: 7.677 min Scan# 1081  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 88 Resp: 4954  
Ion Ratio Lower Upper  
88 100  
43 15.0 25.8 38.6#  
58 68.1 55.5 83.3

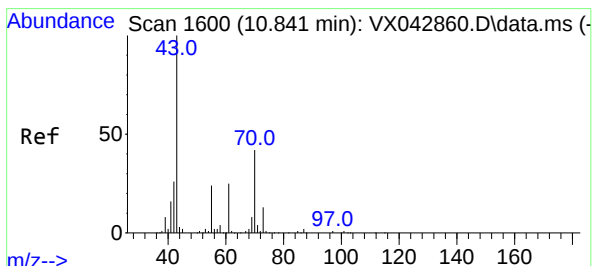
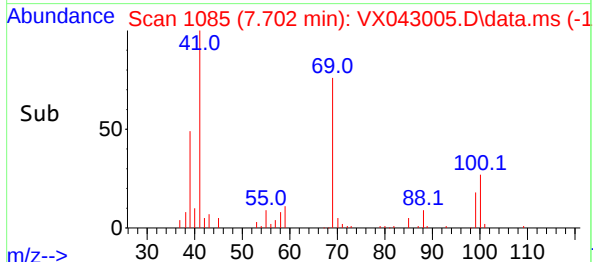
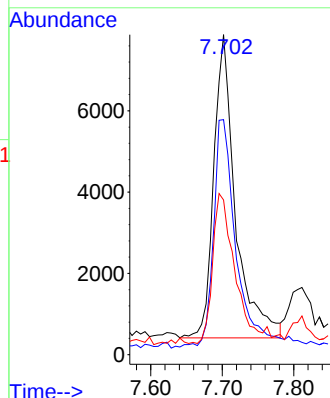
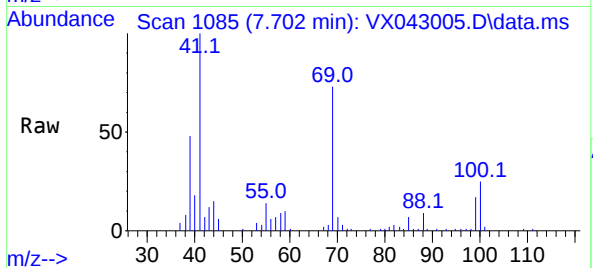




#46  
Methyl methacrylate  
Concen: 6.187 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

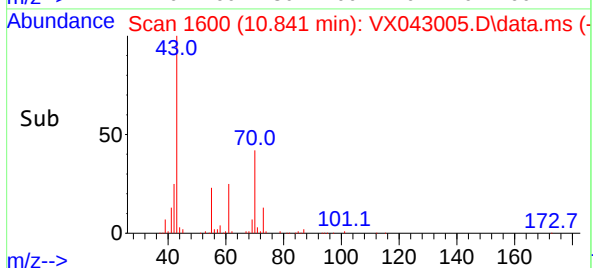
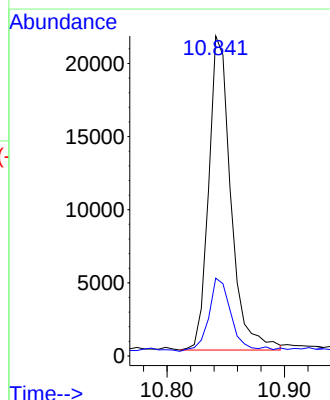
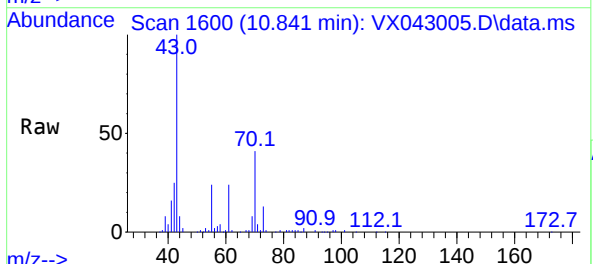
Instrument :  
MSVOA\_X  
ClientSampleId :

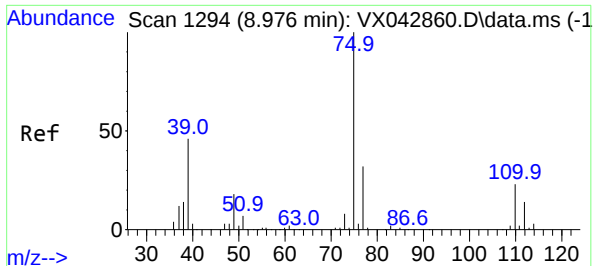
Tgt Ion: 41 Resp: 15738  
Ion Ratio Lower Upper  
41 100  
69 75.0 42.4 127.1  
39 45.6 29.9 89.7



#47  
n-amy1 Acetate  
Concen: 6.231 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 43 Resp: 28141  
Ion Ratio Lower Upper  
43 100  
55 23.1 19.6 29.4





#48

t-1,3-Dichloropropene

Concen: 5.716 ug/l

RT: 8.982 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

Instrument :

MSVOA\_X

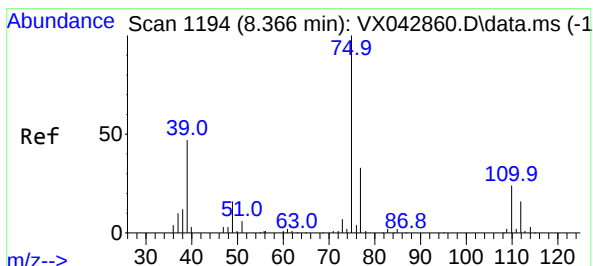
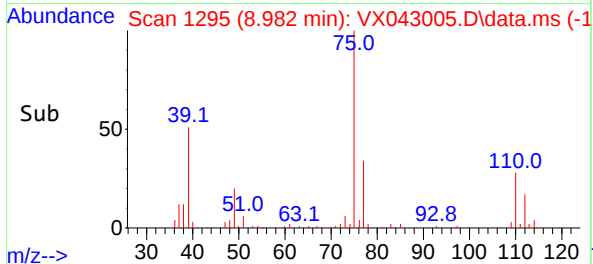
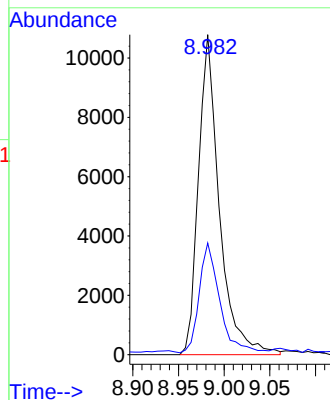
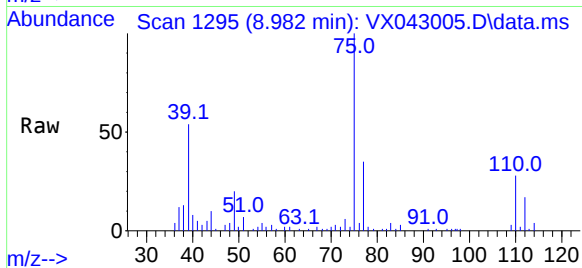
ClientSampleId :

Tgt Ion: 75 Resp: 17204

Ion Ratio Lower Upper

75 100

77 34.3 25.6 38.4



#49

cis-1,3-Dichloropropene

Concen: 5.918 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

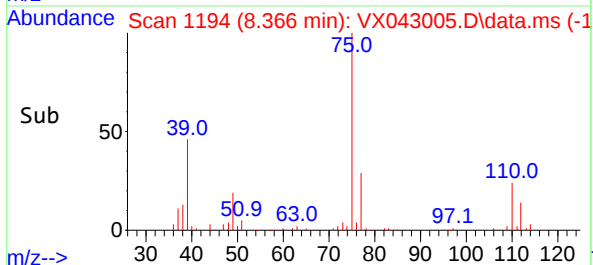
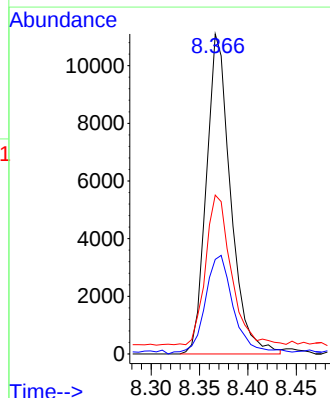
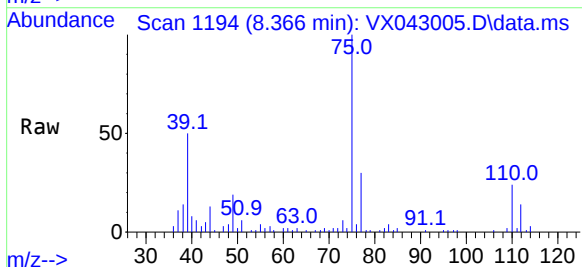
Tgt Ion: 75 Resp: 19353

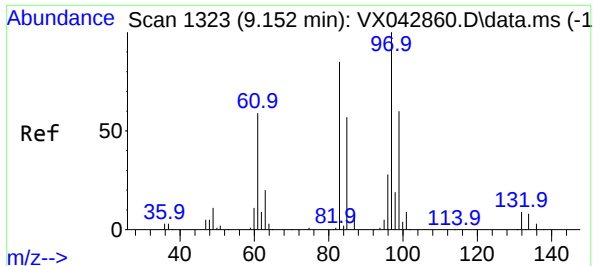
Ion Ratio Lower Upper

75 100

77 28.9 26.8 40.2

39 46.5 37.5 56.3



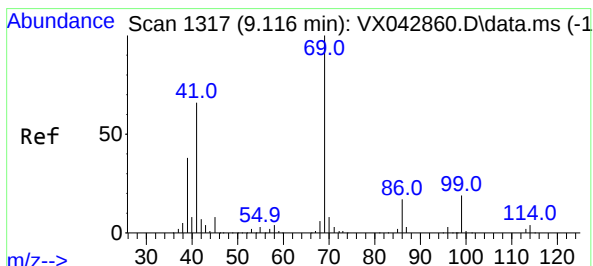
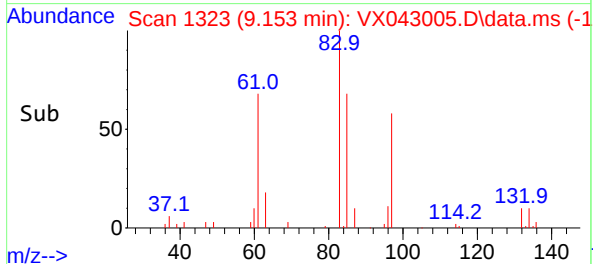
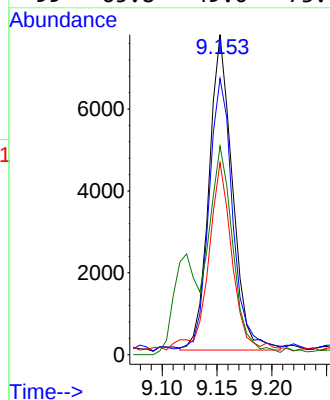
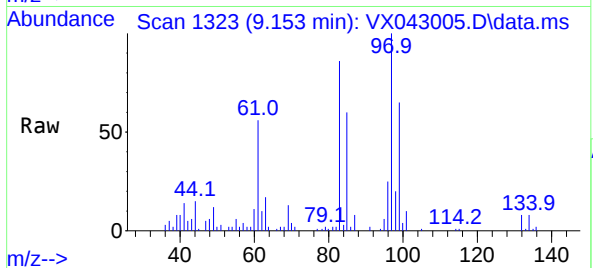


#50  
1,1,2-Trichloroethane  
Concen: 5.477 ug/l  
RT: 9.153 min Scan# 11467  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 97 Resp: 11467

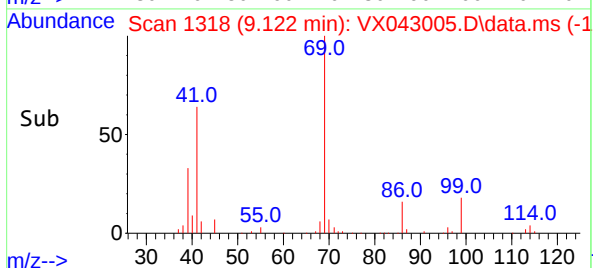
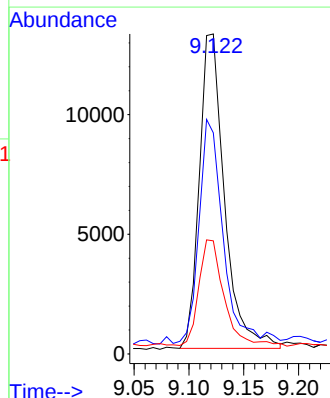
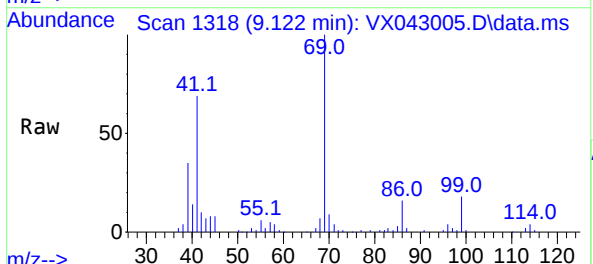
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.0  | 68.2  | 102.2 |
| 85  | 59.2  | 45.4  | 68.0  |
| 99  | 65.8  | 49.0  | 73.4  |

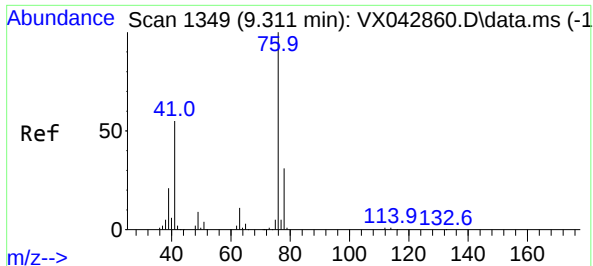


#51  
Ethyl methacrylate  
Concen: 5.899 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 69 Resp: 21049

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 66.3  | 33.1  | 99.2  |
| 39  | 33.3  | 18.8  | 56.3  |

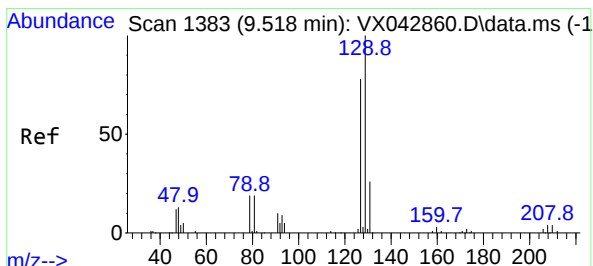
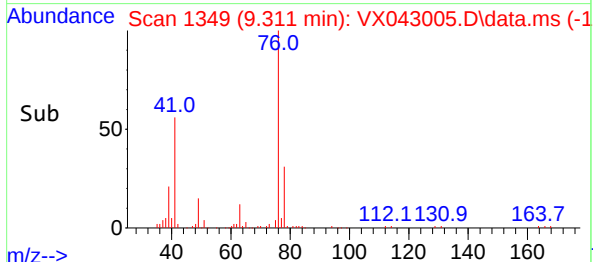
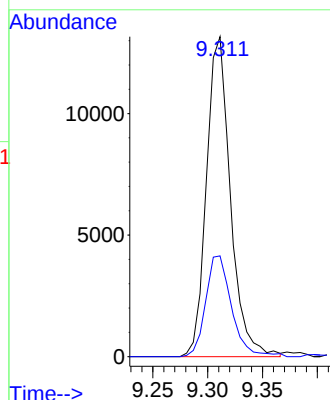
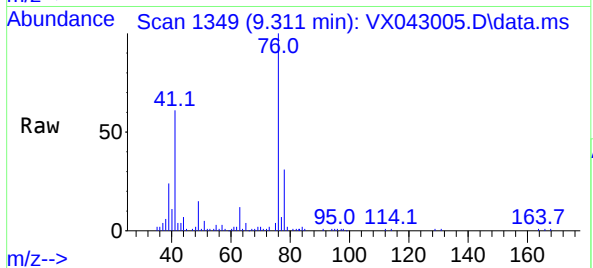




#52  
1,3-Dichloropropane  
Concen: 5.735 ug/l  
RT: 9.311 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

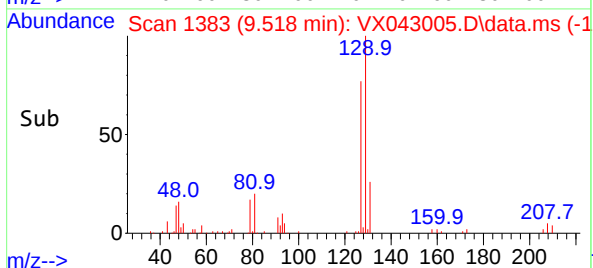
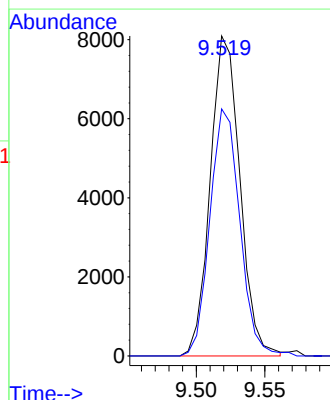
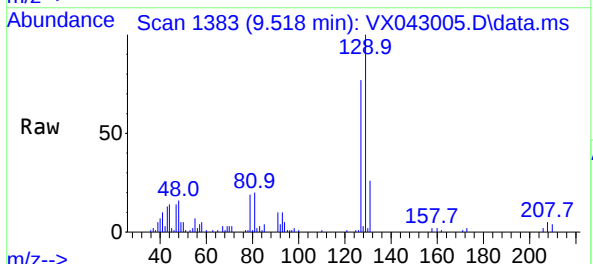
Instrument :  
MSVOA\_X  
ClientSampleId :

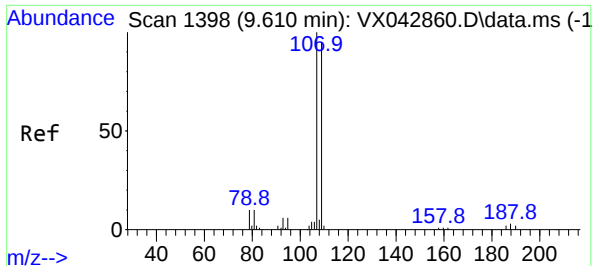
Tgt Ion: 76 Resp: 20025  
Ion Ratio Lower Upper  
76 100  
78 33.8 0.0 64.8



#53  
Dibromochloromethane  
Concen: 5.057 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 129 Resp: 12198  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.5 115.3

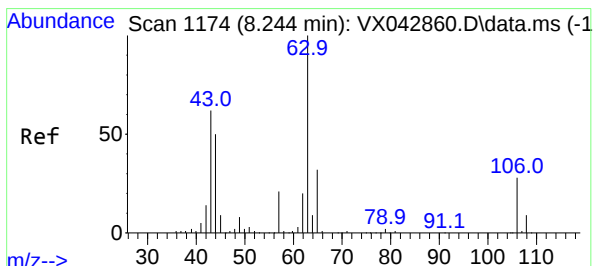
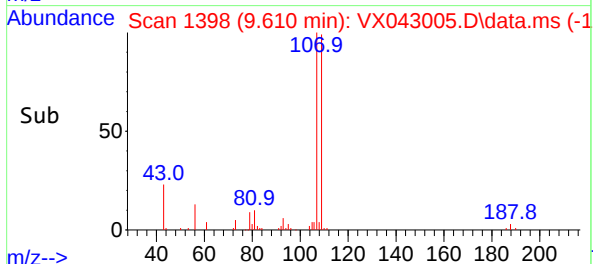
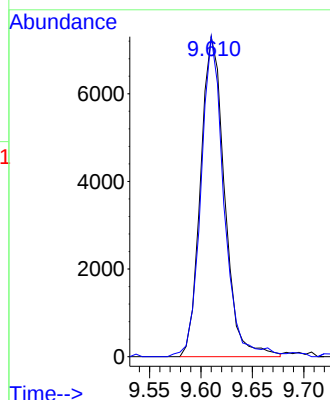
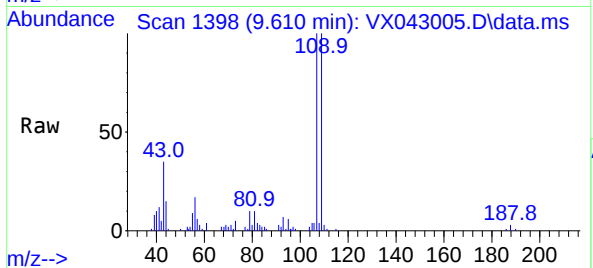




#54  
1,2-Dibromoethane  
Concen: 5.448 ug/l  
RT: 9.610 min Scan# 11881  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

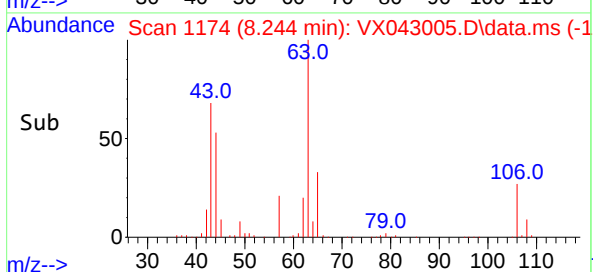
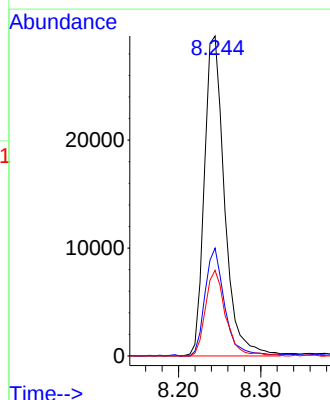
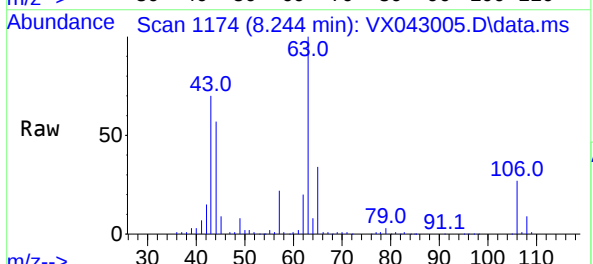
Instrument :  
MSVOA\_X  
ClientSampleId :

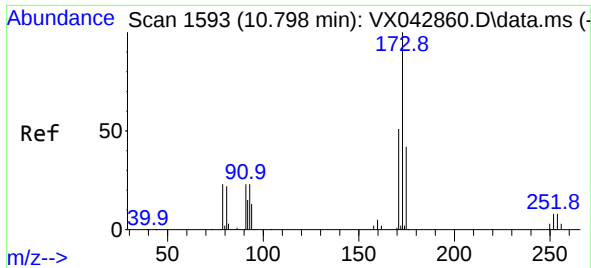
Tgt Ion:107 Resp: 11881  
Ion Ratio Lower Upper  
107 100  
109 94.4 74.2 111.4



#55  
2-Chloroethyl vinyl ether  
Concen: 30.698 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

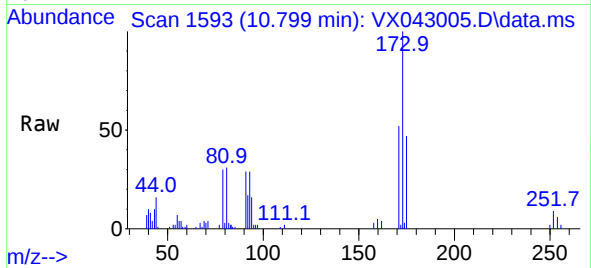
Tgt Ion: 63 Resp: 50691  
Ion Ratio Lower Upper  
63 100  
65 32.7 26.3 39.5  
106 26.0 21.8 32.6



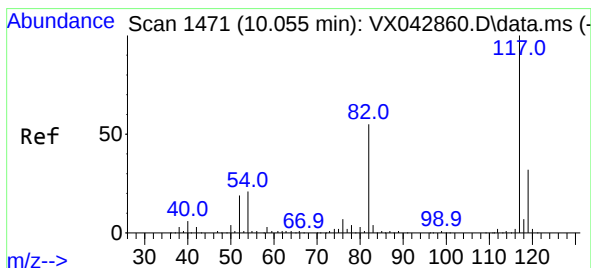
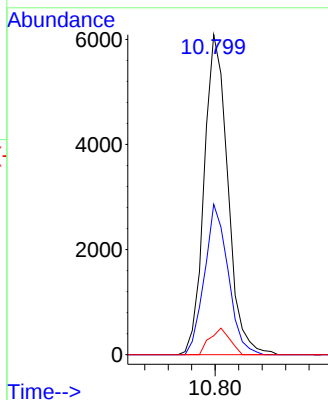
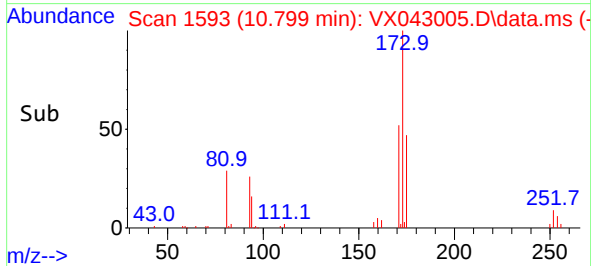


#56  
Bromoform  
Concen: 4.944 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

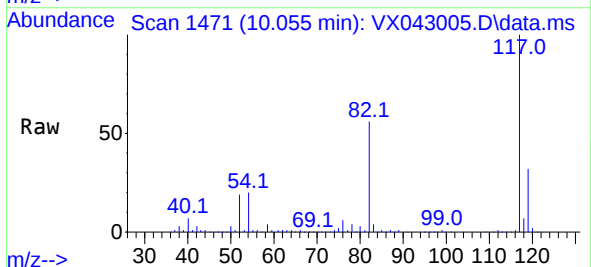
Instrument :  
MSVOA\_X  
ClientSampleId :



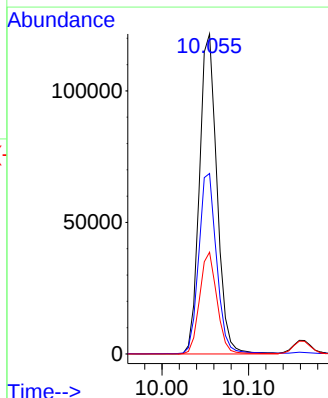
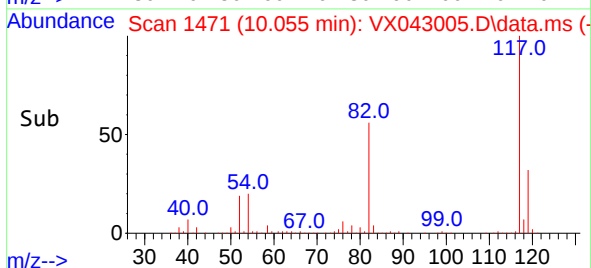
Tgt Ion:173 Resp: 8516  
Ion Ratio Lower Upper  
173 100  
175 46.9 37.1 55.7  
254 7.0 6.6 10.0

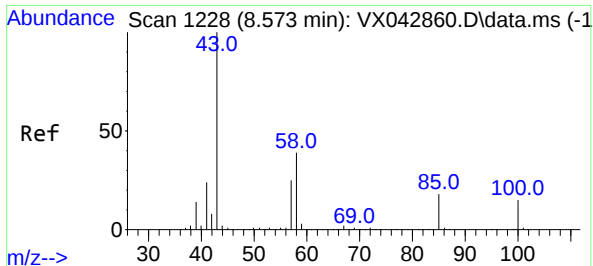


#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25



Tgt Ion:117 Resp: 171006  
Ion Ratio Lower Upper  
117 100  
82 57.4 44.9 67.3  
119 31.6 25.4 38.2

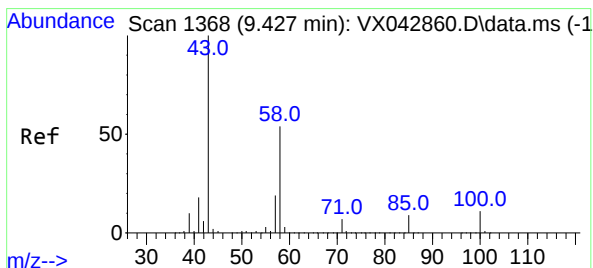
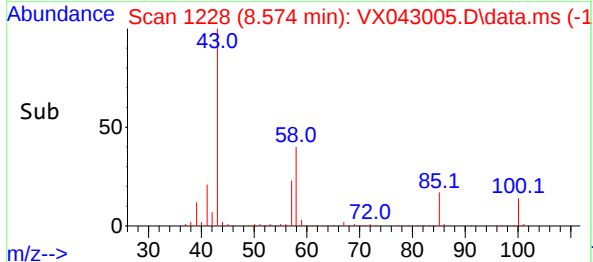
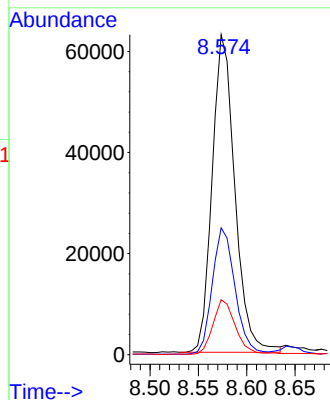
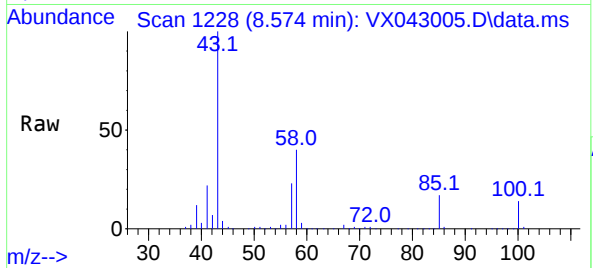




#58  
4-Methyl-2-Pentanone  
Concen: 30.610 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

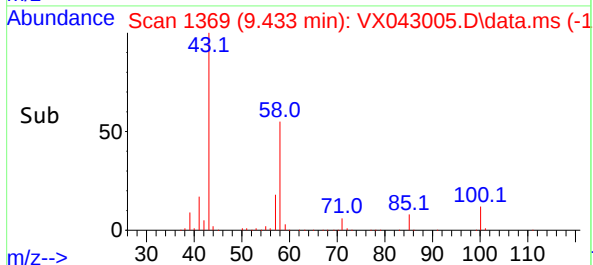
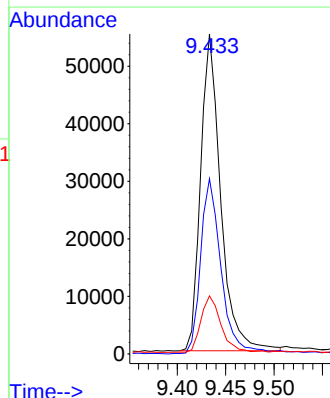
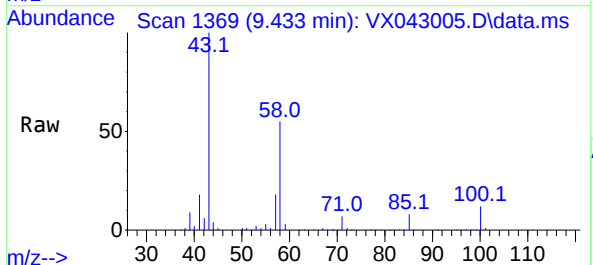
Instrument :  
MSVOA\_X  
ClientSampleId :

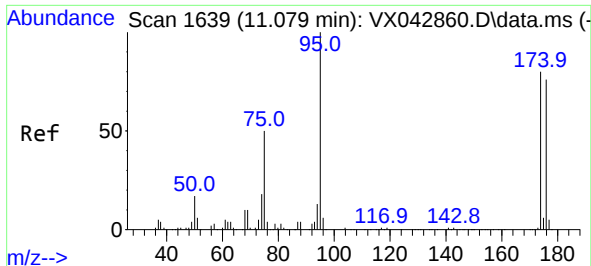
Tgt Ion: 43 Resp: 102701  
Ion Ratio Lower Upper  
43 100  
58 40.1 31.4 47.0  
85 16.7 14.6 21.8



#59  
2-Hexanone  
Concen: 29.919 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 43 Resp: 79575  
Ion Ratio Lower Upper  
43 100  
58 55.9 43.5 65.3  
57 17.7 15.0 22.6

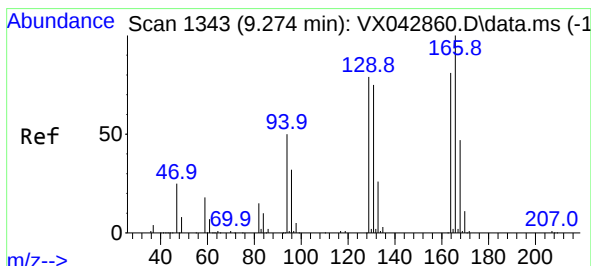
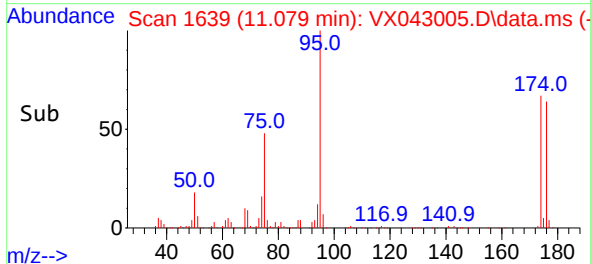
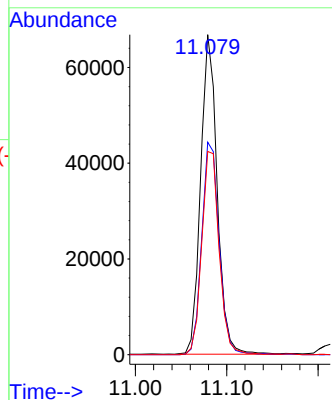
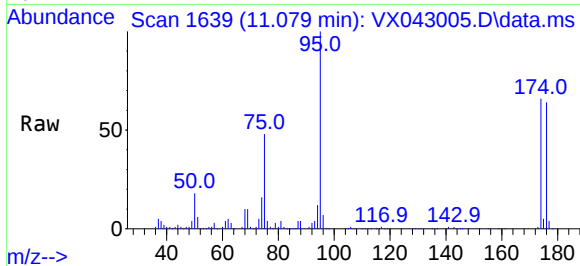




#60  
4-Bromofluorobenzene  
Concen: 30.018 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

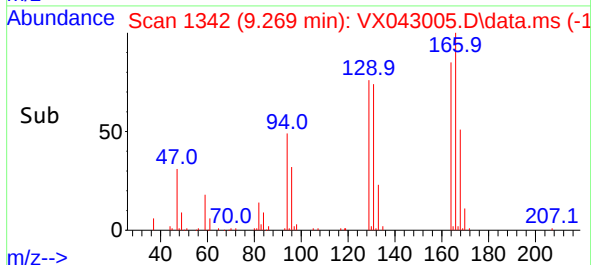
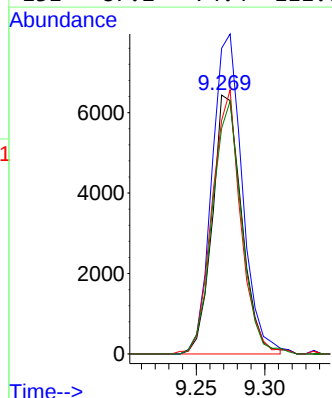
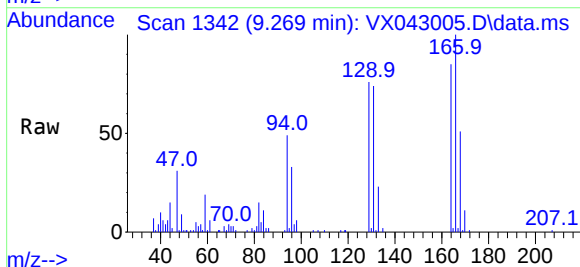
Instrument :  
MSVOA\_X  
ClientSampleId :

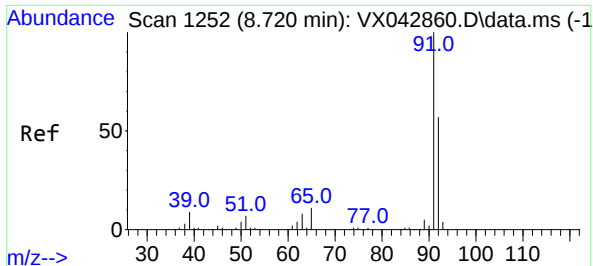
Tgt Ion: 95 Resp: 84072  
Ion Ratio Lower Upper  
95 100  
174 69.8 65.0 97.6  
176 67.0 63.4 95.0



#61  
Tetrachloroethene  
Concen: 5.581 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 164 Resp: 9538  
Ion Ratio Lower Upper  
164 100  
166 118.1 98.6 147.8  
129 89.2 77.4 116.0  
131 87.2 74.4 111.6

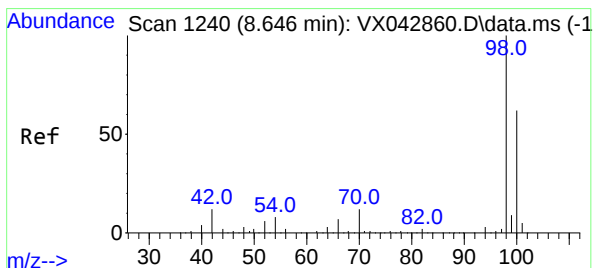
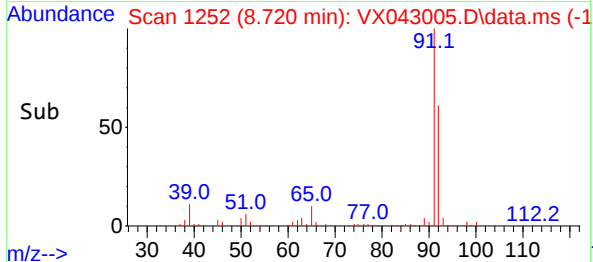
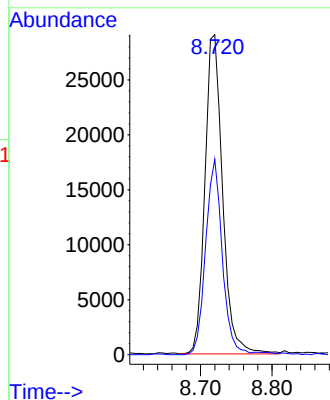
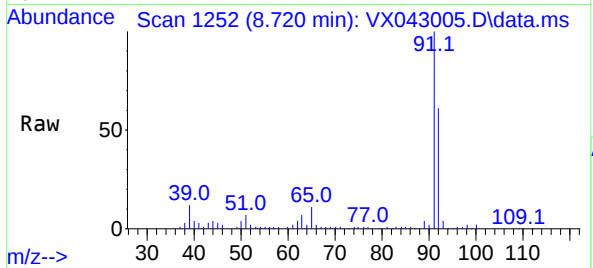




#62  
Toluene  
Concen: 5.791 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

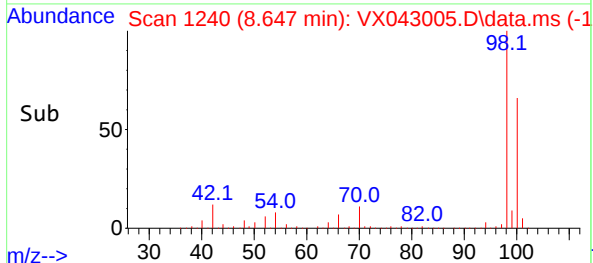
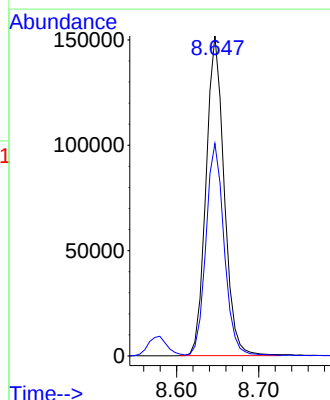
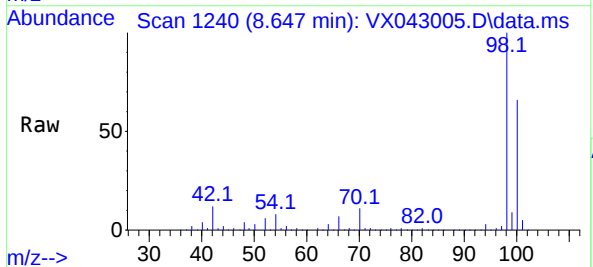
Instrument :  
MSVOA\_X  
ClientSampleId :

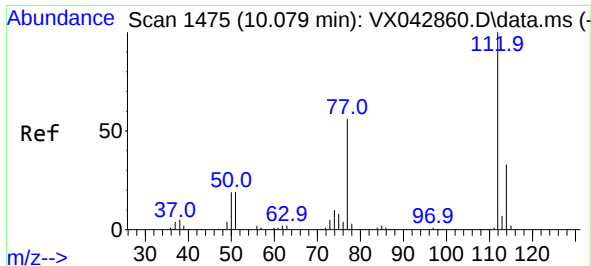
Tgt Ion: 91 Resp: 49982  
Ion Ratio Lower Upper  
91 100  
92 57.4 45.7 68.5



#63  
Toluene-d8  
Concen: 30.043 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 98 Resp: 232944  
Ion Ratio Lower Upper  
98 100  
100 67.2 50.9 76.3

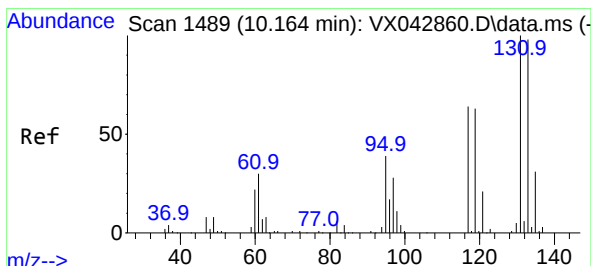
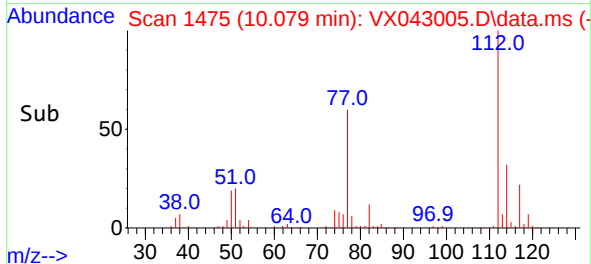
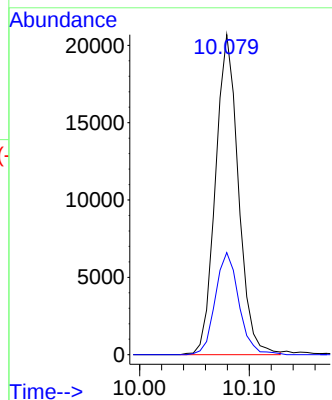
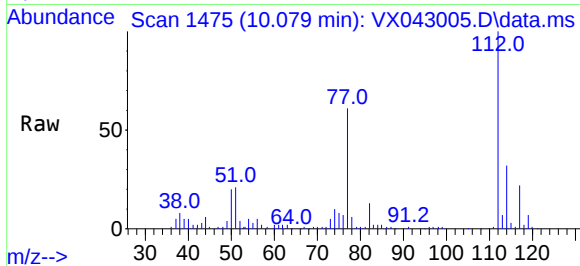




#64  
Chlorobenzene  
Concen: 5.518 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

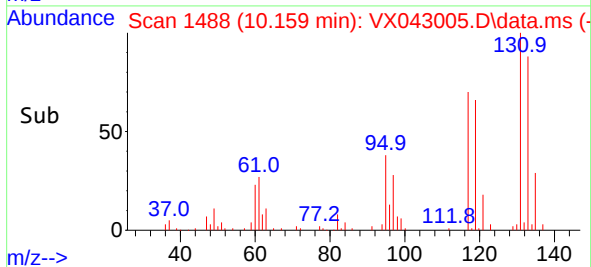
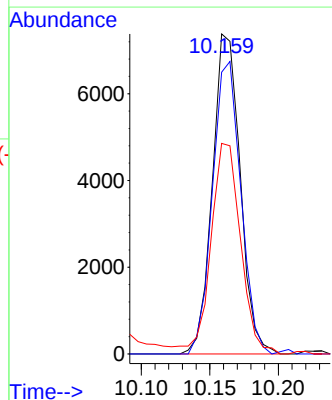
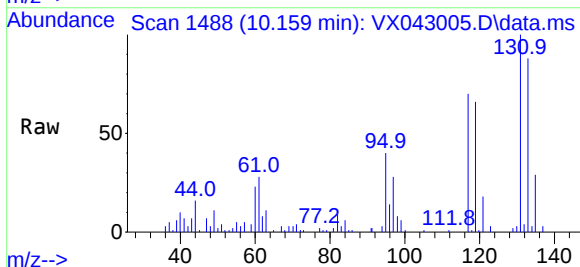
Instrument :  
MSVOA\_X  
ClientSampleId :

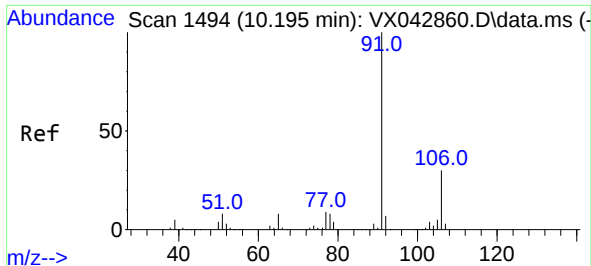
Tgt Ion:112 Resp: 30131  
Ion Ratio Lower Upper  
112 100  
114 31.9 26.3 39.5



#65  
1,1,1,2-Tetrachloroethane  
Concen: 5.336 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion:131 Resp: 10404  
Ion Ratio Lower Upper  
131 100  
133 93.4 0.0 188.2  
119 69.6 0.0 131.0

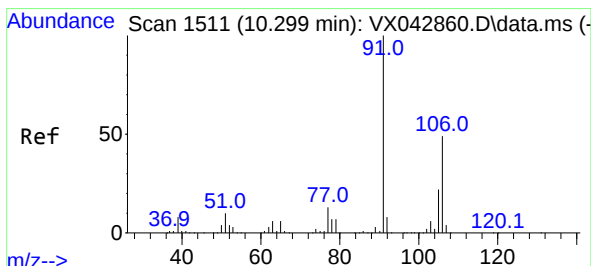
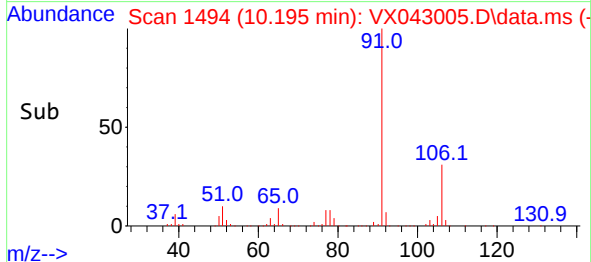
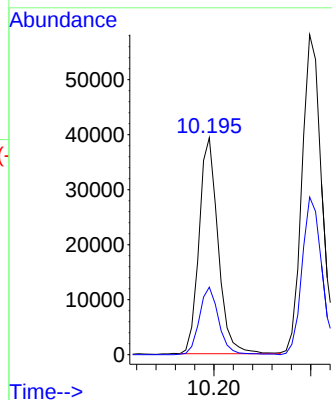
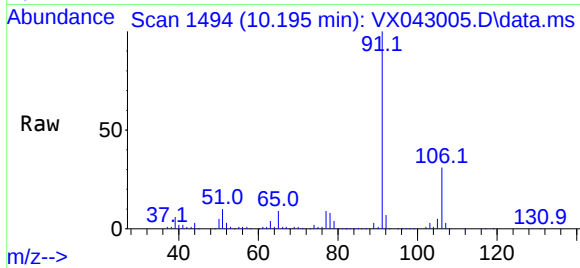




#66  
Ethyl Benzene  
Concen: 5.648 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

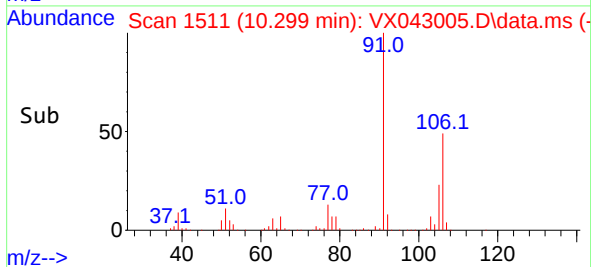
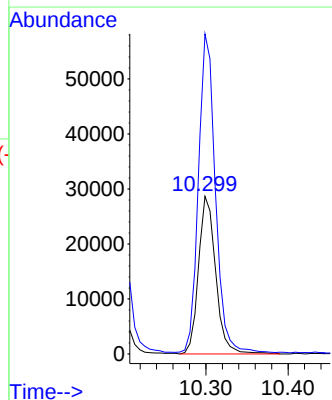
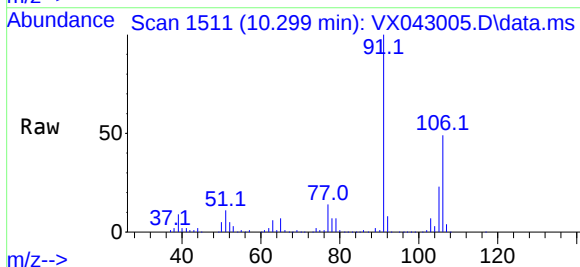
Instrument :  
MSVOA\_X  
ClientSampleId :

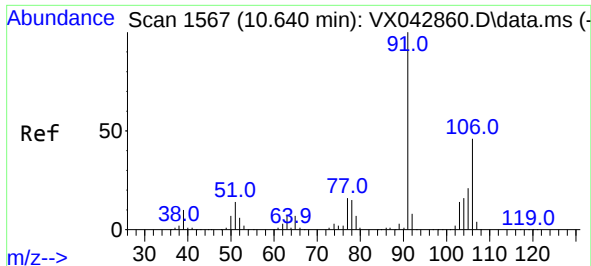
Tgt Ion: 91 Resp: 53881  
Ion Ratio Lower Upper  
91 100  
106 31.3 23.8 35.8



#67  
m/p-Xylenes  
Concen: 11.573 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 106 Resp: 41729  
Ion Ratio Lower Upper  
106 100  
91 198.5 165.3 247.9

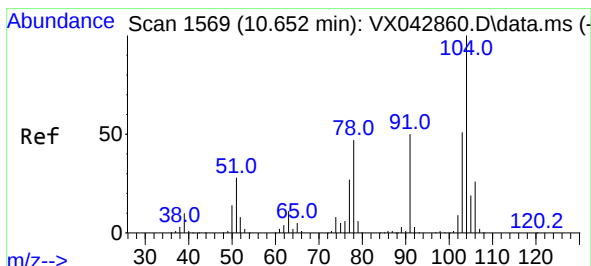
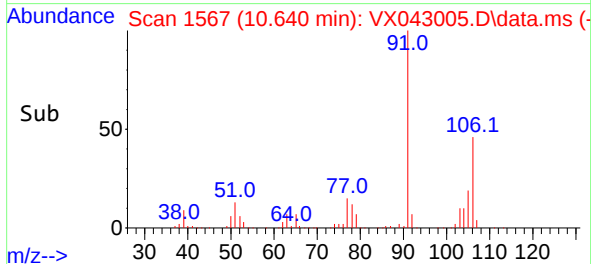
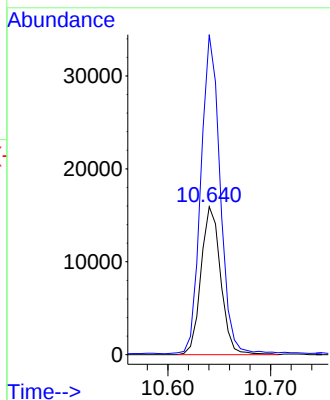
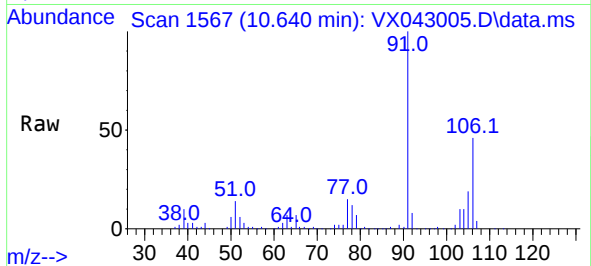




#68  
o-Xylene  
Concen: 5.954 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

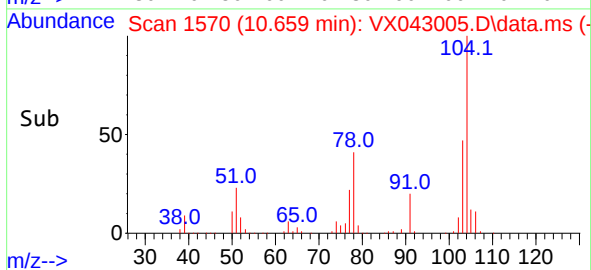
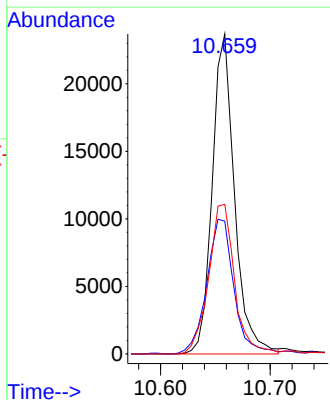
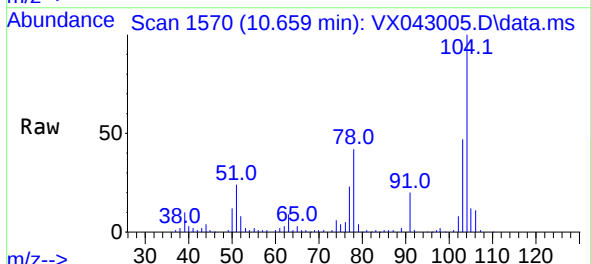
Instrument :  
MSVOA\_X  
ClientSampleId :

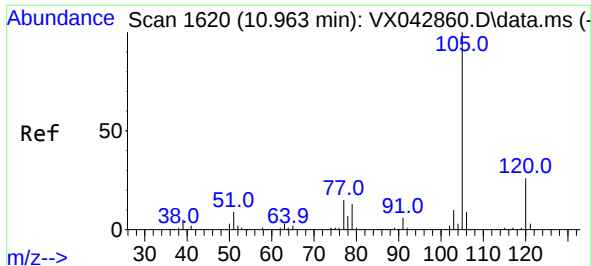
Tgt Ion:106 Resp: 21220  
Ion Ratio Lower Upper  
106 100  
91 208.0 107.5 322.4



#69  
Styrene  
Concen: 5.481 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion:104 Resp: 33505  
Ion Ratio Lower Upper  
104 100  
78 51.2 41.1 61.7  
103 54.3 44.2 66.2

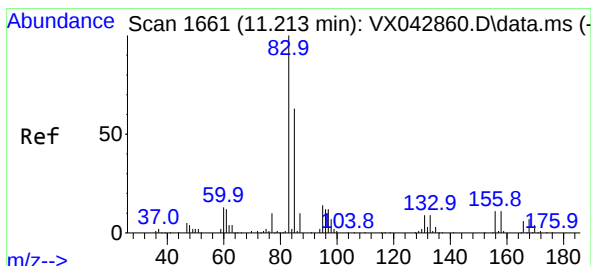
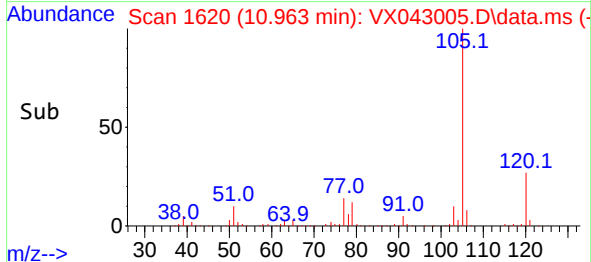
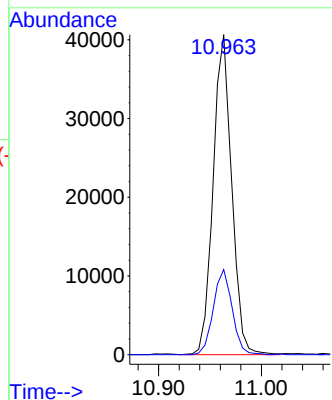
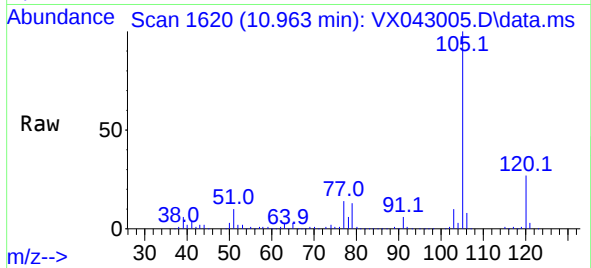




#70  
Isopropylbenzene  
Concen: 5.509 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

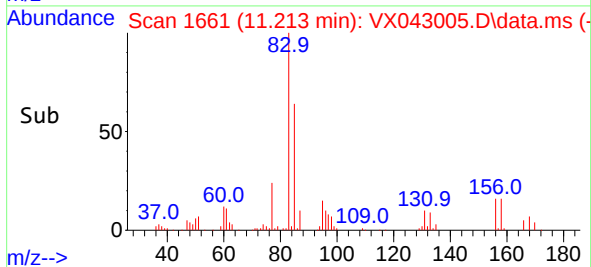
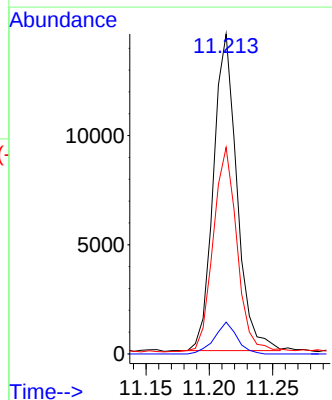
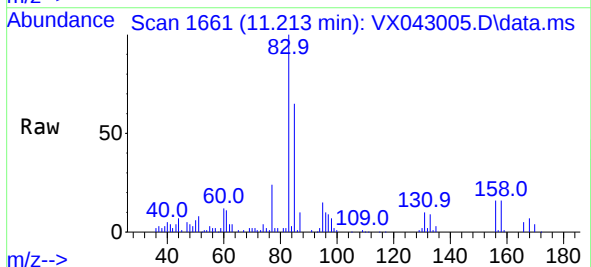
Instrument :  
MSVOA\_X  
ClientSampleId :

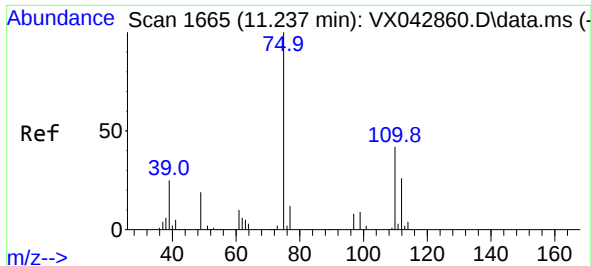
Tgt Ion:105 Resp: 50992  
Ion Ratio Lower Upper  
105 100  
120 26.9 18.4 34.2



#71  
1,1,2,2-Tetrachloroethane  
Concen: 5.586 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 83 Resp: 18746  
Ion Ratio Lower Upper  
83 100  
131 9.6 4.9 14.7  
85 66.0 32.0 96.2

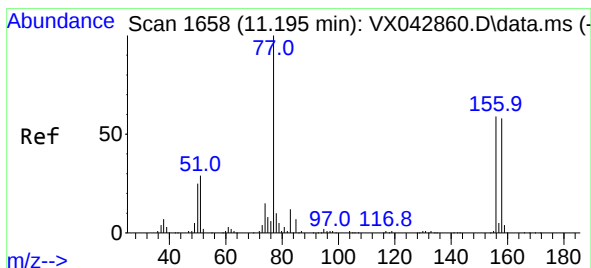
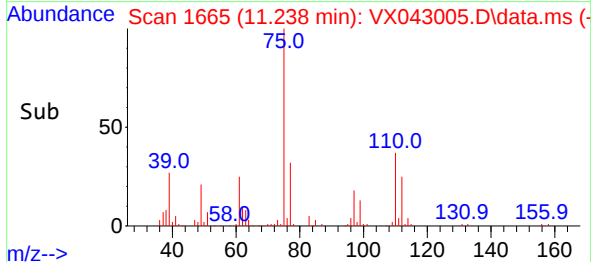
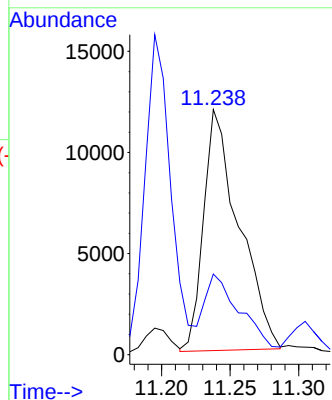
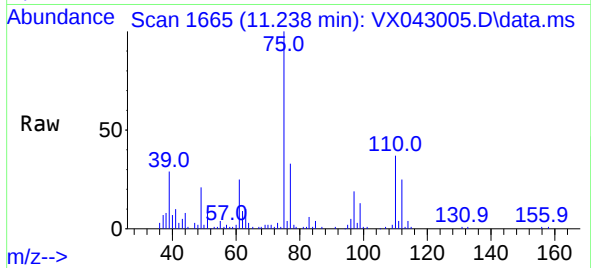




#72  
1,2,3-Trichloropropane  
Concen: 7.108 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

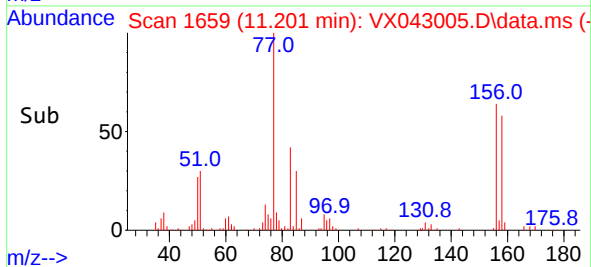
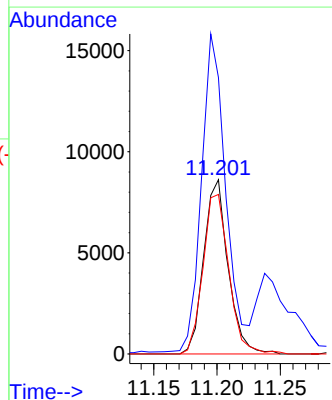
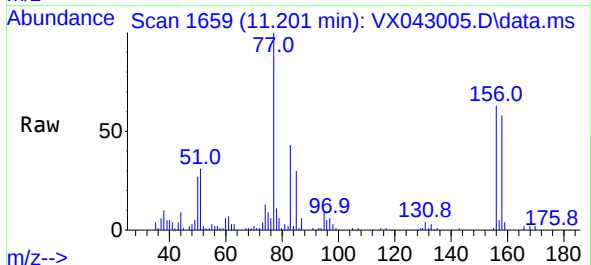
Instrument :  
MSVOA\_X  
ClientSampleId :

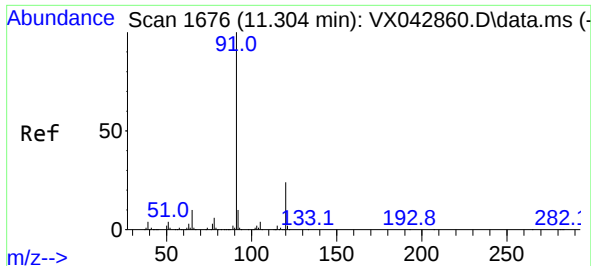
Tgt Ion: 75 Resp: 21479  
Ion Ratio Lower Upper  
75 100  
77 33.2 0.0 89.6



#73  
Bromobenzene  
Concen: 5.007 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 156 Resp: 11580  
Ion Ratio Lower Upper  
156 100  
77 182.1 0.0 317.2  
158 96.4 0.0 195.2

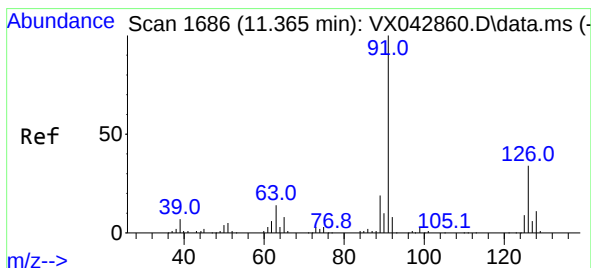
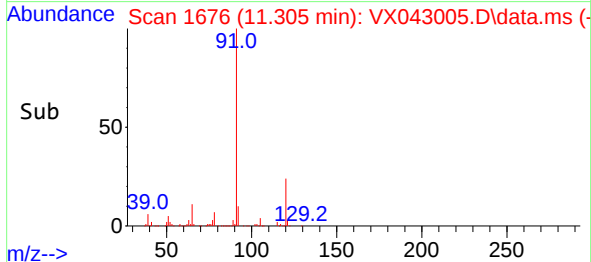
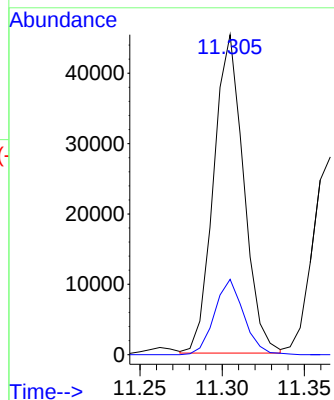
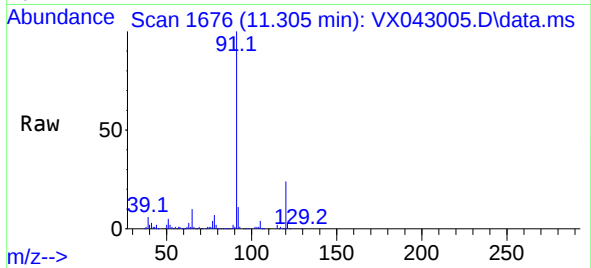




#74  
n-propylbenzene  
Concen: 5.313 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

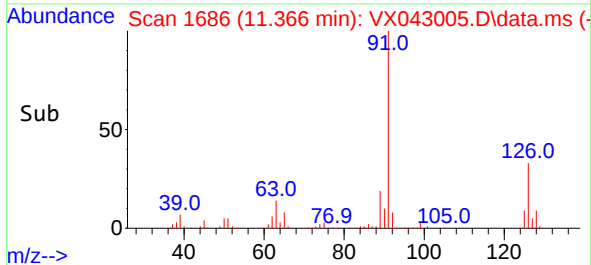
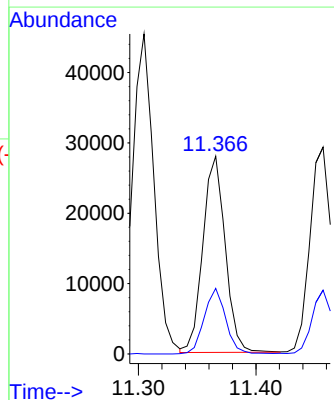
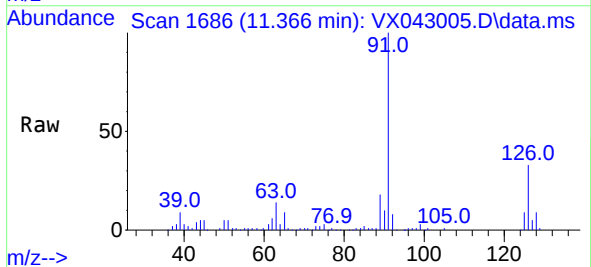
Instrument :  
MSVOA\_X  
ClientSampleId :

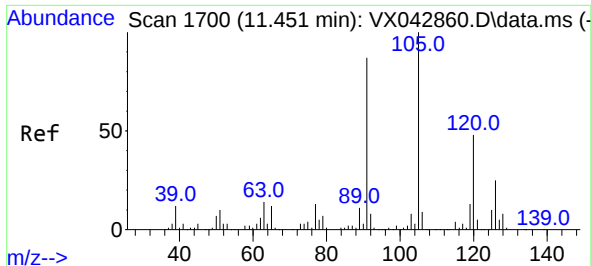
Tgt Ion: 91 Resp: 57463  
Ion Ratio Lower Upper  
91 100  
120 23.1 0.0 45.8



#75  
2-Chlorotoluene  
Concen: 5.538 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 91 Resp: 36834  
Ion Ratio Lower Upper  
91 100  
126 32.2 0.0 66.2

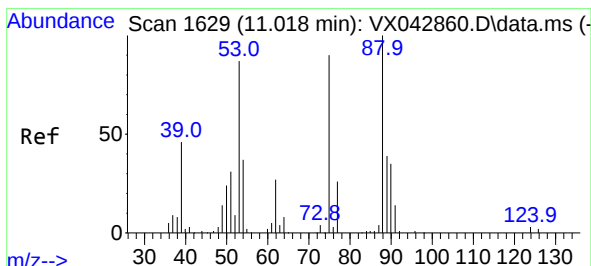
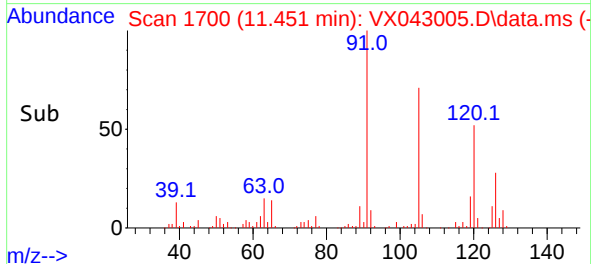
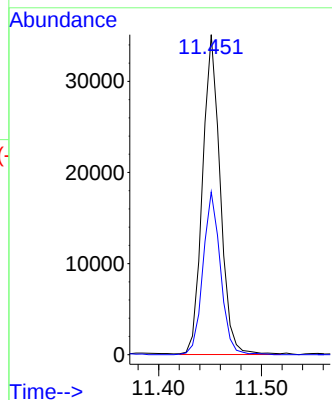
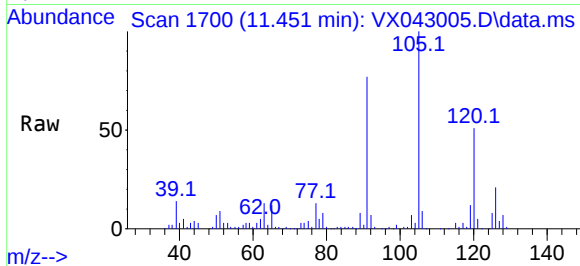




#76  
1,3,5-Trimethylbenzene  
Concen: 5.362 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

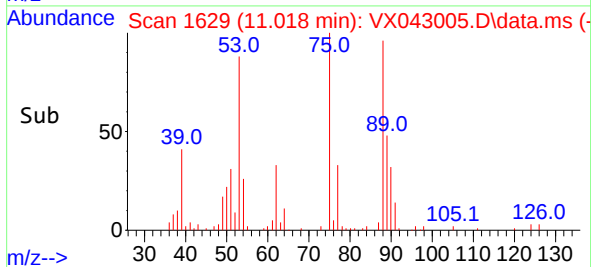
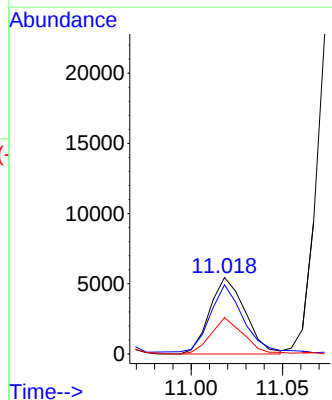
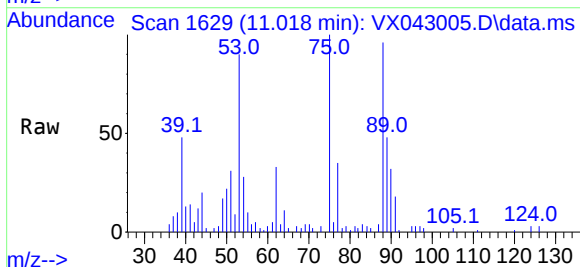
Instrument :  
MSVOA\_X  
ClientSampleId :

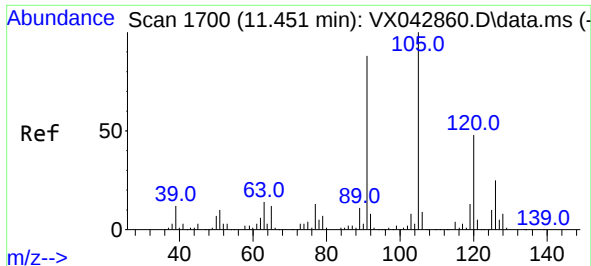
Tgt Ion:105 Resp: 42031  
Ion Ratio Lower Upper  
105 100  
120 50.0 0.0 94.8



#77  
t-1,4-Dichloro-2-butene  
Concen: 6.938 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 75 Resp: 7325  
Ion Ratio Lower Upper  
75 100  
53 87.6 48.5 145.5  
89 47.7 21.9 65.5

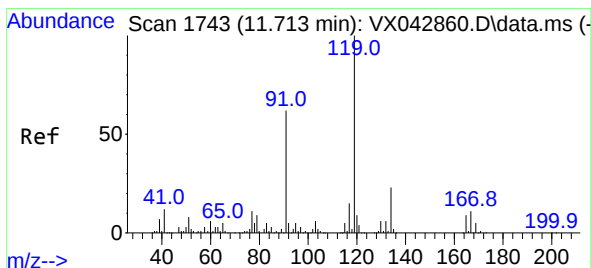
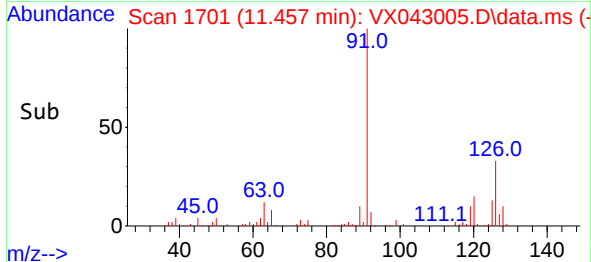
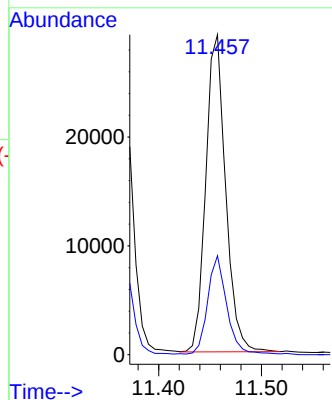
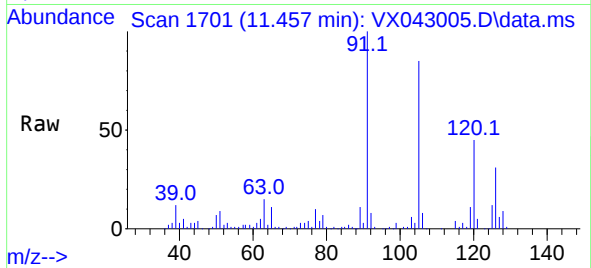




#78  
4-Chlorotoluene  
Concen: 5.169 ug/l  
RT: 11.457 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

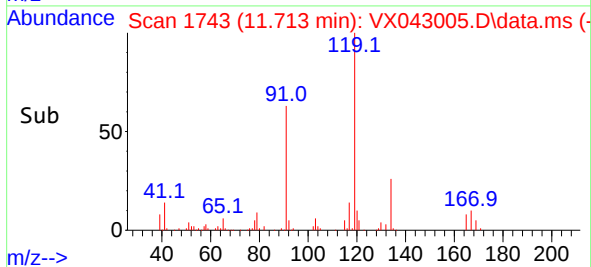
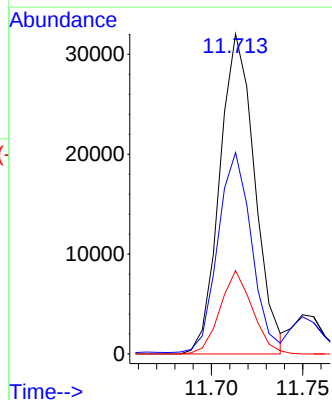
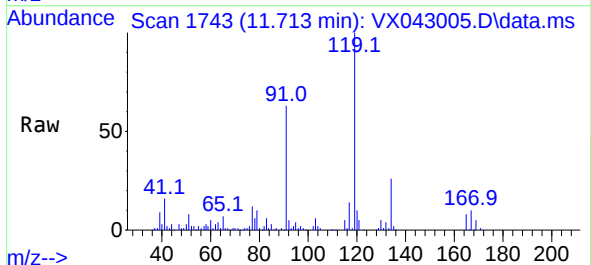
Instrument :  
MSVOA\_X  
ClientSampleId :

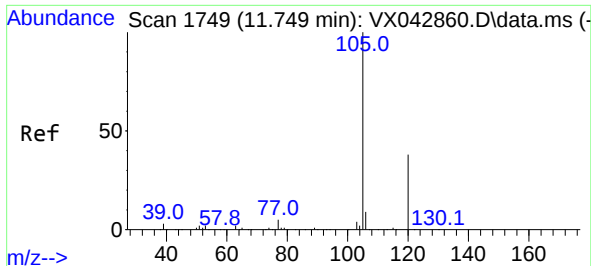
Tgt Ion: 91 Resp: 39058  
Ion Ratio Lower Upper  
91 100  
126 30.3 0.0 59.4



#79  
tert-butylbenzene  
Concen: 5.328 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion: 119 Resp: 42756  
Ion Ratio Lower Upper  
119 100  
91 60.0 0.0 118.6  
134 24.0 0.0 44.4

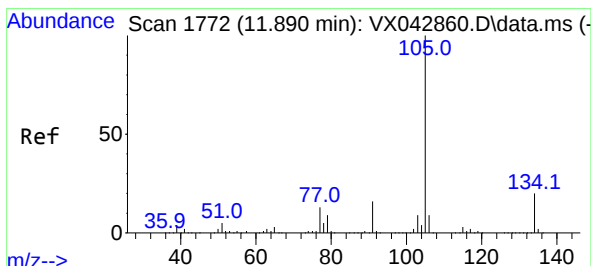
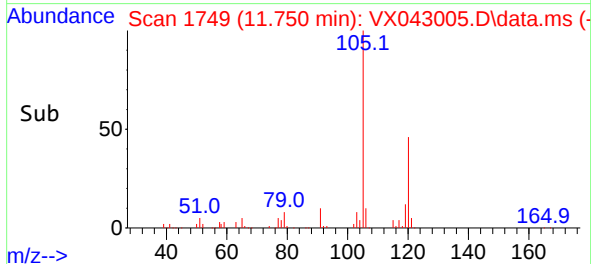
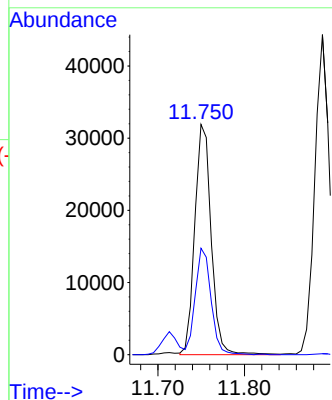
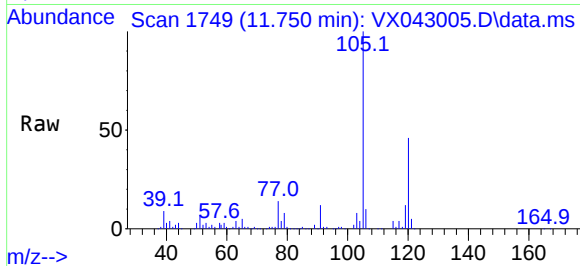




#80  
1,2,4-Trimethylbenzene  
Concen: 5.417 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

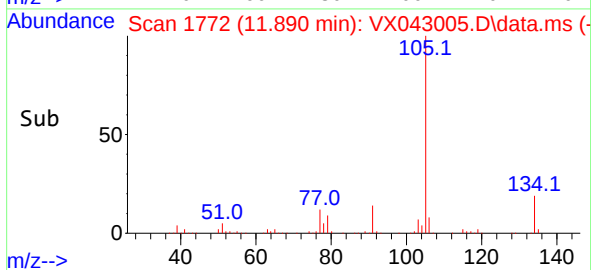
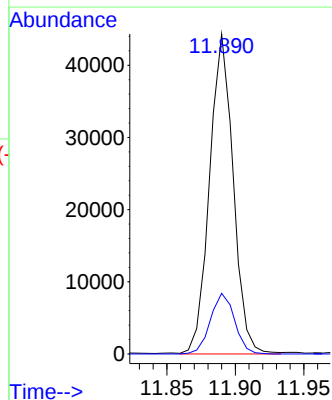
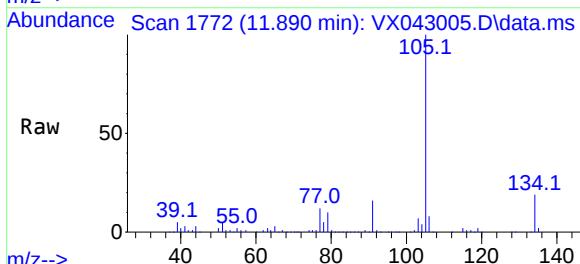
Instrument :  
MSVOA\_X  
ClientSampleId :

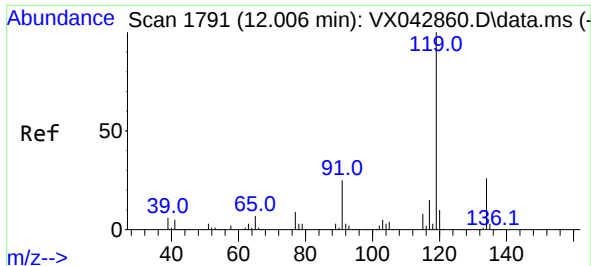
Tgt Ion:105 Resp: 42068  
Ion Ratio Lower Upper  
105 100  
120 44.2 0.0 87.8



#81  
sec-Butylbenzene  
Concen: 5.418 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion:105 Resp: 53168  
Ion Ratio Lower Upper  
105 100  
134 19.4 0.0 40.0

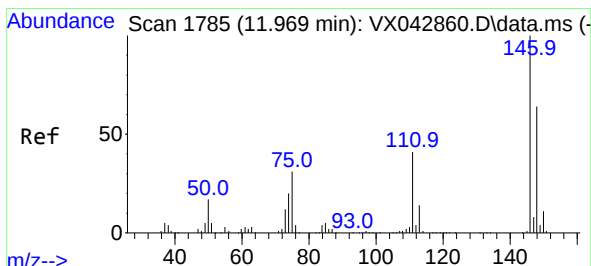
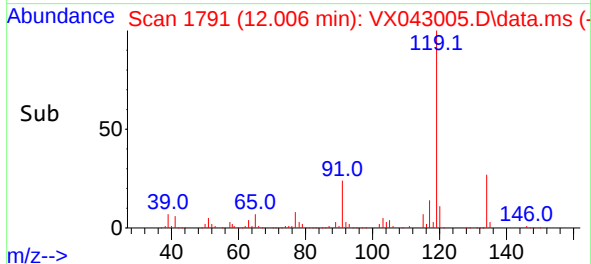
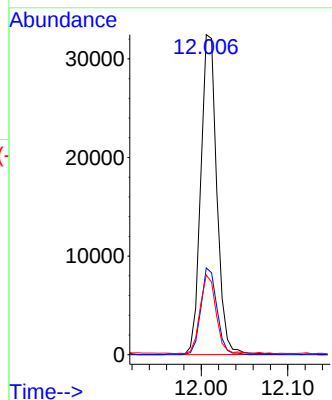
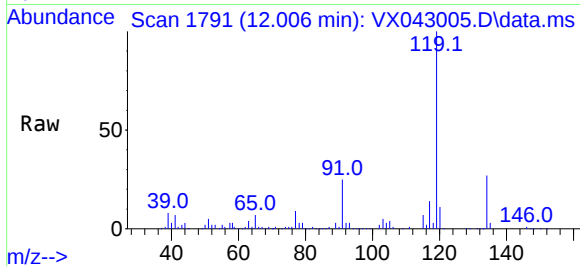




#82  
p-Isopropyltoluene  
Concen: 5.110 ug/l  
RT: 12.006 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

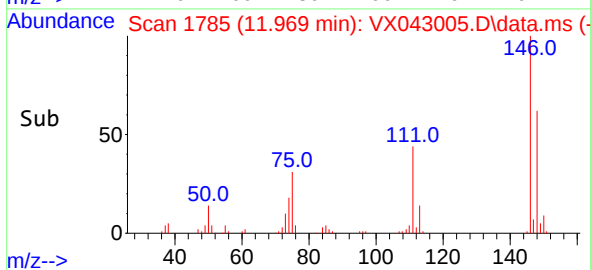
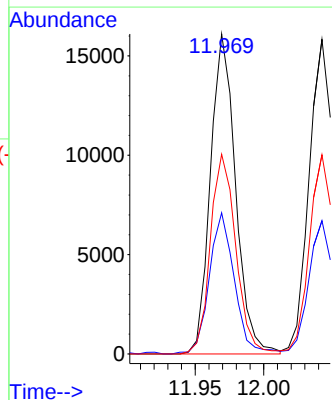
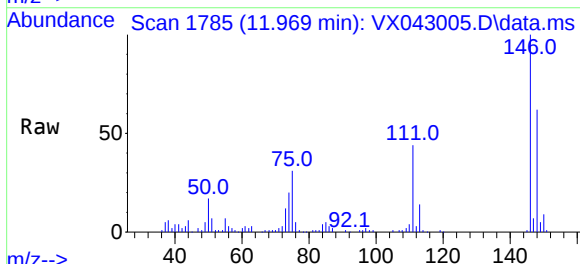
Instrument :  
MSVOA\_X  
ClientSampleId :

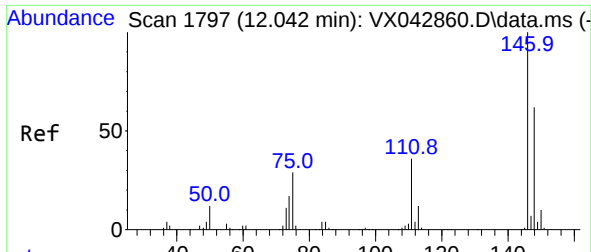
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.0  | 0.0   | 51.8  |
| 91      | 23.8  | 0.0   | 48.4  |



#83  
1,3-Dichlorobenzene  
Concen: 4.860 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

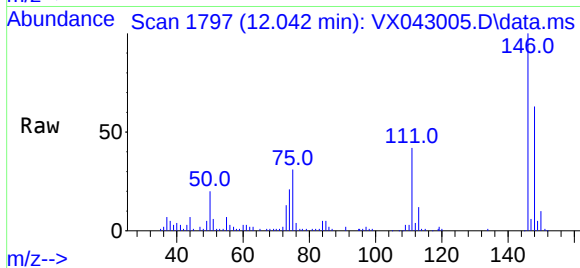
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.1  | 20.3  | 61.0  |
| 148     | 63.4  | 31.7  | 95.1  |



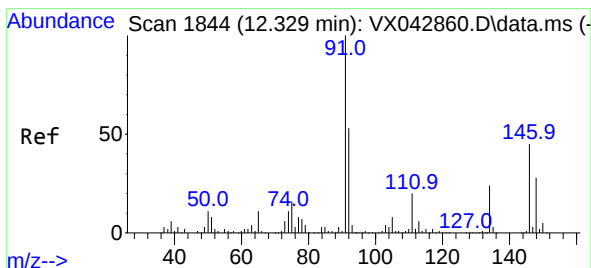
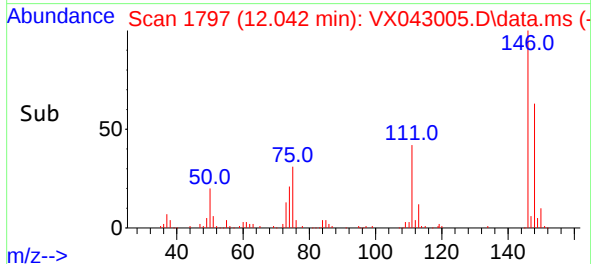
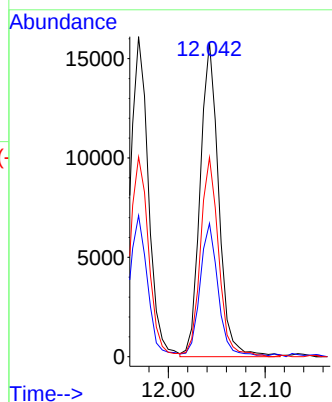


#84  
1,4-Dichlorobenzene  
Concen: 4.973 ug/l  
RT: 12.042 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :

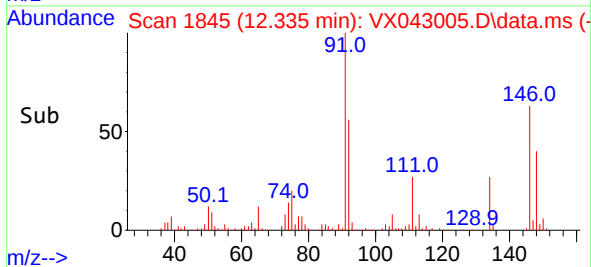
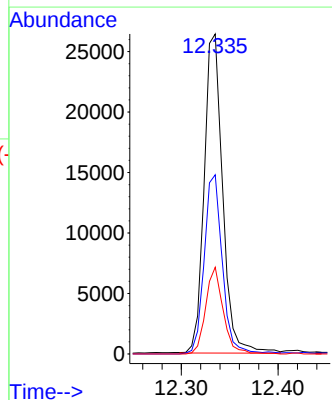
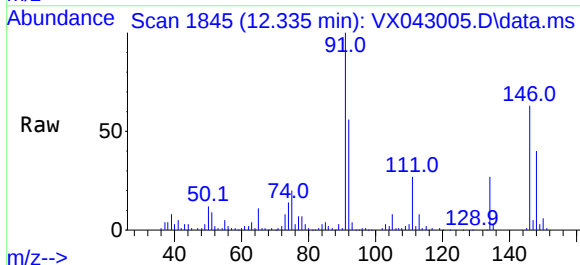


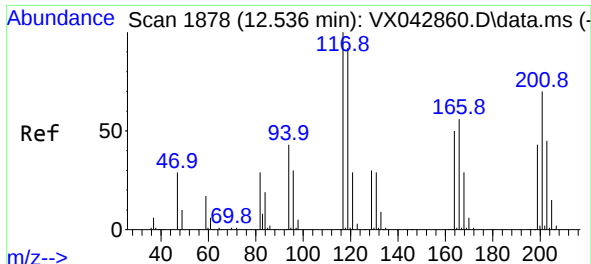
Tgt Ion:146 Resp: 21159  
Ion Ratio Lower Upper  
146 100  
111 41.1 19.4 58.4  
148 62.2 31.4 94.2



#85  
n-Butylbenzene  
Concen: 4.808 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

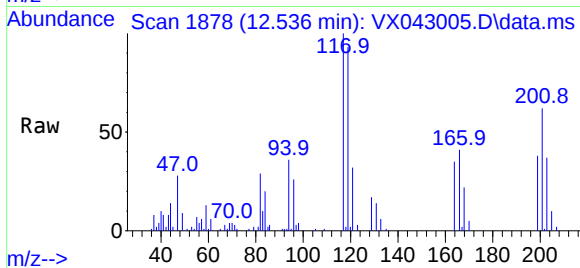
Tgt Ion: 91 Resp: 35172  
Ion Ratio Lower Upper  
91 100  
92 54.9 0.0 106.4  
134 25.5 0.0 50.6



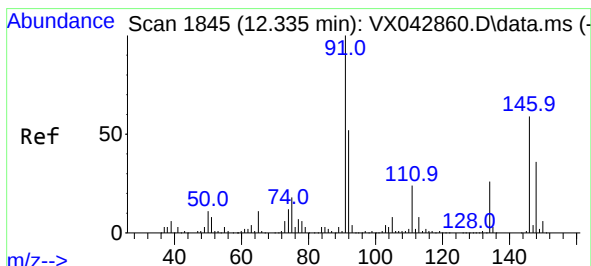
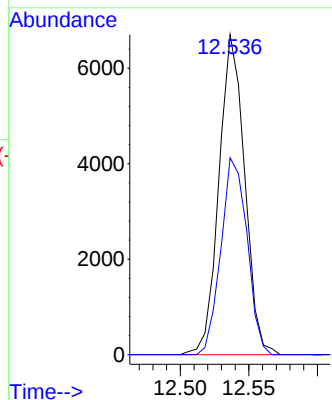
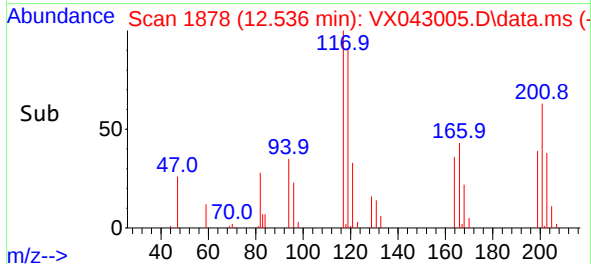


#86  
Hexachloroethane  
Concen: 5.726 ug/l  
RT: 12.536 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

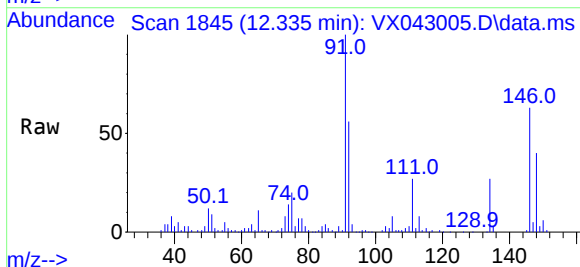
Instrument :  
MSVOA\_X  
ClientSampleId :



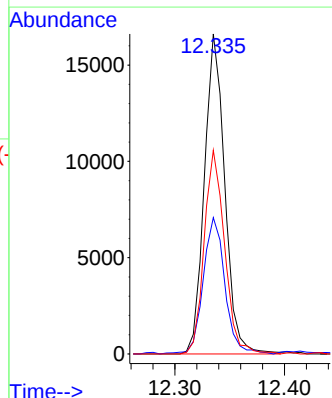
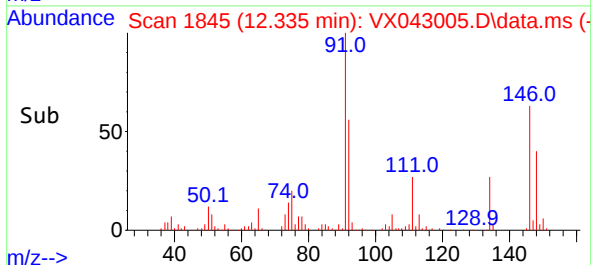
Tgt Ion:117 Resp: 8740  
Ion Ratio Lower Upper  
117 100  
201 62.6 37.5 112.7

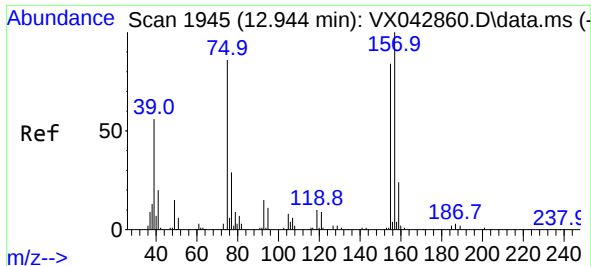


#87  
1,2-Dichlorobenzene  
Concen: 5.061 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25



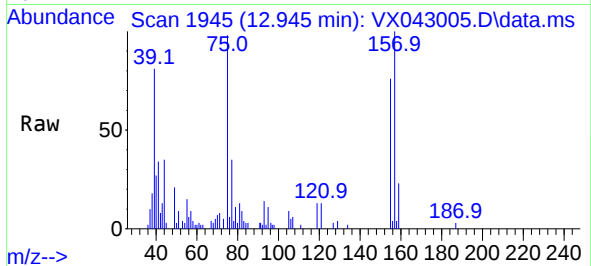
Tgt Ion:146 Resp: 21494  
Ion Ratio Lower Upper  
146 100  
111 44.9 21.0 63.0  
148 63.8 30.8 92.4



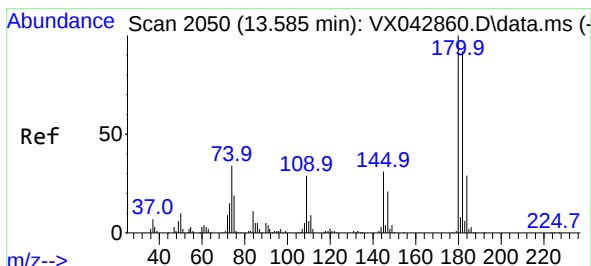
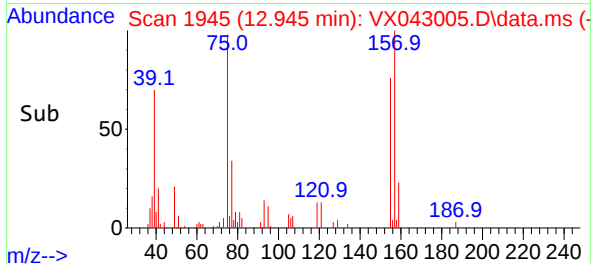
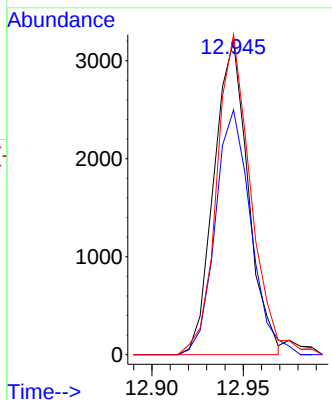


#88  
1,2-Dibromo-3-Chloropropane  
Concen: 5.447 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :

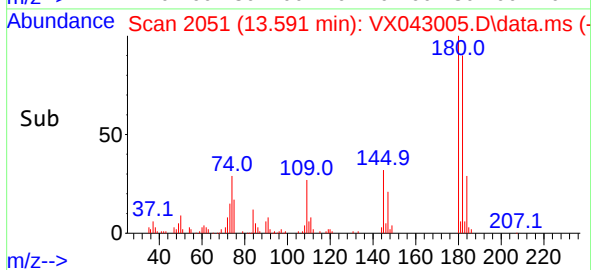
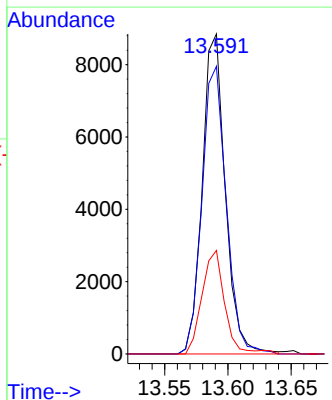
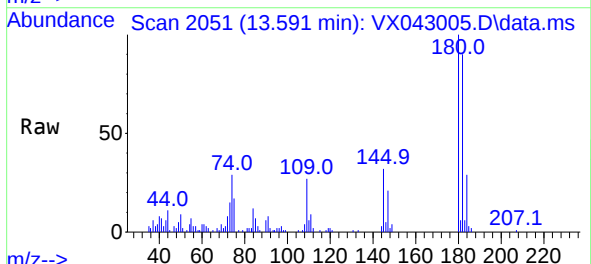


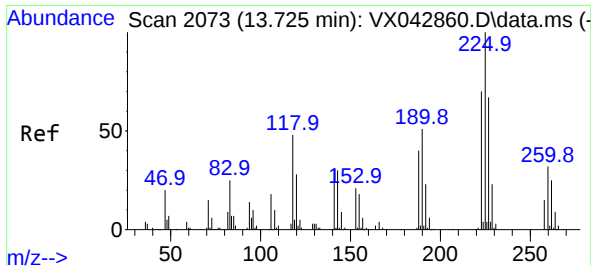
Tgt Ion: 75 Resp: 4156  
Ion Ratio Lower Upper  
75 100  
155 81.3 68.7 103.1  
157 102.4 86.7 130.1



#89  
1,2,4-Trichlorobenzene  
Concen: 4.181 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

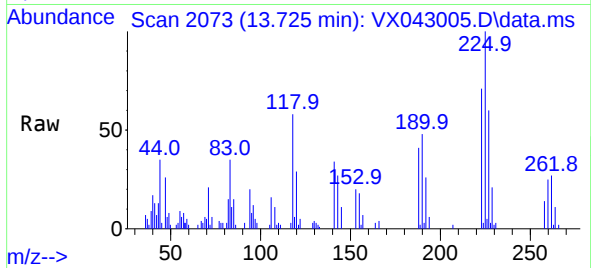
Tgt Ion:180 Resp: 11238  
Ion Ratio Lower Upper  
180 100  
182 94.4 73.1 109.7  
145 31.3 24.6 37.0



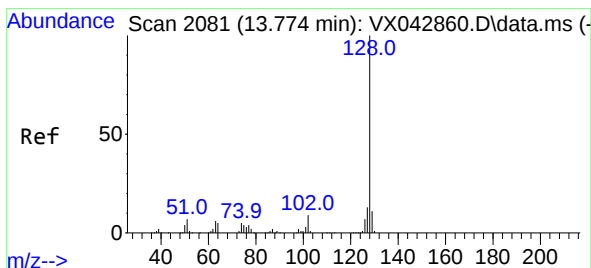
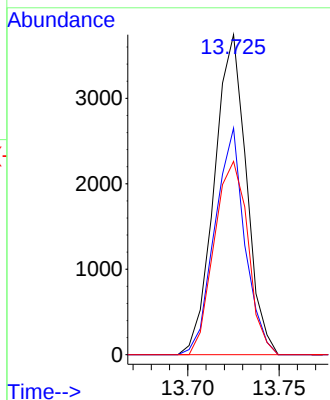
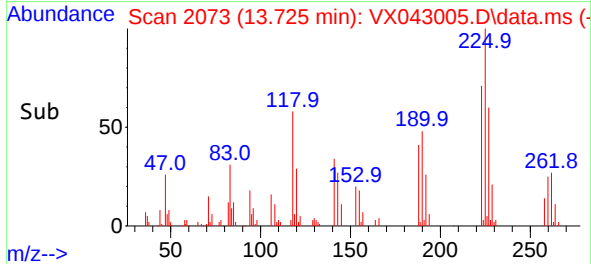


#90  
Hexachlorobutadiene  
Concen: 4.009 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :

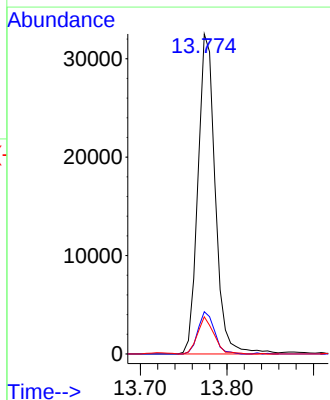
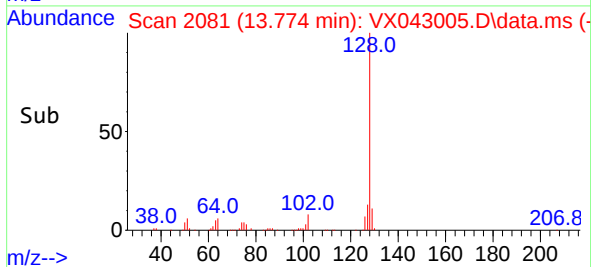
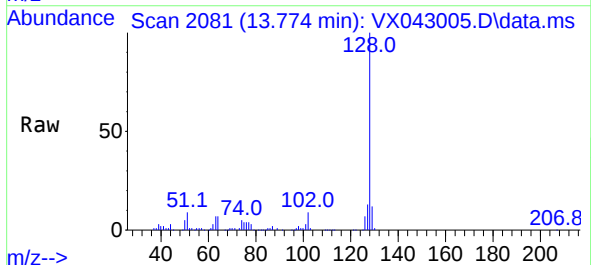


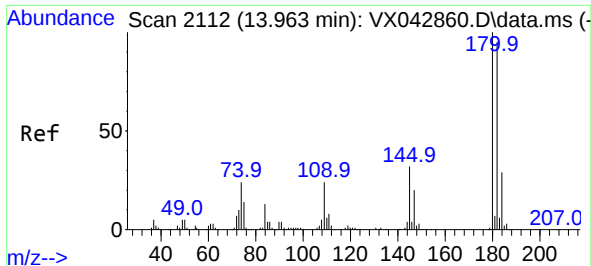
Tgt Ion:225 Resp: 4563  
Ion Ratio Lower Upper  
225 100  
223 66.7 0.0 135.0  
227 63.9 0.0 130.4



#91  
Naphthalene  
Concen: 4.816 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX043005.D  
Acq: 13 Aug 2024 10:25

Tgt Ion:128 Resp: 45185  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.4  
129 10.6 8.8 13.2





#92

1,2,3-Trichlorobenzene

Concen: 4.311 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

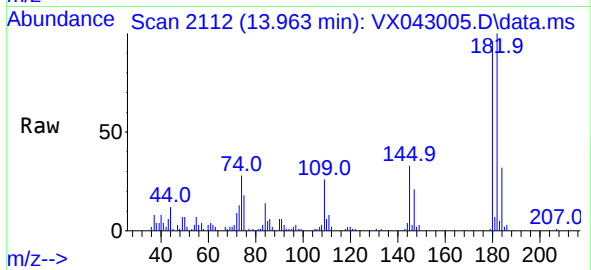
Lab File: VX043005.D

Acq: 13 Aug 2024 10:25

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion:180 Resp: 11715

Ion Ratio Lower Upper

180 100

182 95.8 0.0 185.8

145 34.3 0.0 65.2

