

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081624\  
 Data File : VX043061.D  
 Acq On : 16 Aug 2024 08:20  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 16 23:49:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X081324W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 13 13:22:56 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.897  | 128   | 20214    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.757  | 114   | 116526   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 104468   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.952  | 65    | 44670    | 27.300   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 91.000%  |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 48308    | 27.239   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 90.800%  |
| 63) Toluene-d8               | 8.647  | 98    | 142442   | 29.682   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 98.933%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 24642    | 21.390   | ug/l   | 99       |
| 3) Chloromethane             | 1.294  | 50    | 33043    | 19.069   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374  | 62    | 34023    | 20.921   | ug/l   | 99       |
| 5) Bromomethane              | 1.599  | 94    | 11227    | 26.523   | ug/l   | 90       |
| 6) Chloroethane              | 1.666  | 64    | 11333    | 26.395   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.868  | 101   | 41560    | 27.286   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136  | 74    | 18310    | 25.314   | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 26192    | 19.440   | ug/l   | 96       |
| 10) 1,1-Dichloroethene       | 2.306  | 96    | 26914    | 19.322   | ug/l   | 97       |
| 11) Methyl Iodide            | 2.441  | 142   | 27794    | 18.007   | ug/l   | 94       |
| 12) Methyl Acetate           | 2.709  | 43    | 46873    | 18.628   | ug/l   | 97       |
| 13) Acrolein                 | 2.239  | 56    | 33209    | 80.234   | ug/l   | 94       |
| 14) Acrylonitrile            | 3.069  | 53    | 84933    | 88.568   | ug/l   | 98       |
| 15) Acetone                  | 2.392  | 58    | 25109    | 94.194   | ug/l   | 84       |
| 16) Carbon Disulfide         | 2.502  | 76    | 71702    | 17.416   | ug/l   | 98       |
| 17) Allyl chloride           | 2.654  | 41    | 48769    | 17.807   | ug/l   | 97       |
| 18) Methylene Chloride       | 2.782  | 84    | 29643    | 18.379   | ug/l   | 94       |
| 19) trans-1,2-Dichloroethene | 3.087  | 96    | 27680    | 18.918   | ug/l   | 97       |
| 20) Diisopropyl ether        | 3.764  | 45    | 98811    | 18.460   | ug/l   | 98       |
| 21) 1,1-Dichloroethane       | 3.605  | 63    | 51586    | 18.034   | ug/l   | 95       |
| 22) cis-1,2-Dichloroethene   | 4.483  | 96    | 33044    | 18.848   | ug/l   | 96       |
| 23) tert-Butyl Alcohol       | 2.995  | 59    | 30489    | 73.283   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.117  | 73    | 89569    | 18.218   | ug/l   | 98       |
| 25) Chloroform               | 5.086  | 83    | 49186    | 18.481   | ug/l   | 95       |
| 26) Cyclohexane              | 5.458  | 56    | 46211    | 17.588   | ug/l # | 99       |
| 29) 1,1-Dichloropropene      | 5.684  | 75    | 35094    | 19.581   | ug/l   | 98       |
| 30) 2-Butanone               | 4.562  | 43    | 121502   | 94.816   | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 4.465  | 77    | 43142    | 19.417   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.373  | 97    | 42153    | 19.538   | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 5.666  | 117   | 36487    | 20.674   | ug/l   | 98       |
| 34) Benzene                  | 6.031  | 78    | 115053   | 19.393   | ug/l   | 97       |
| 35) Methacrylonitrile        | 4.928  | 41    | 24140    | 18.071   | ug/l   | 97       |
| 36) 1,2-Dichloroethane       | 6.080  | 62    | 35355    | 19.316   | ug/l # | 94       |
| 37) Trichloroethene          | 7.123  | 130   | 27005    | 20.228   | ug/l   | 98       |
| 38) Methylcyclohexane        | 7.379  | 83    | 48658    | 19.817   | ug/l   | 98       |
| 39) 1,2-Dichloropropane      | 7.428  | 63    | 27899    | 18.973   | ug/l   | 97       |
| 40) Dibromomethane           | 7.580  | 93    | 19410    | 19.620   | ug/l   | 97       |
| 41) Bromodichloromethane     | 7.818  | 83    | 38662    | 19.582   | ug/l   | 99       |
| 42) Vinyl Acetate            | 3.721  | 43    | 574225   | 98.630   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081624\  
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 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 16 23:49:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X081324W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 13 13:22:56 2024  
 Response via : Initial Calibration

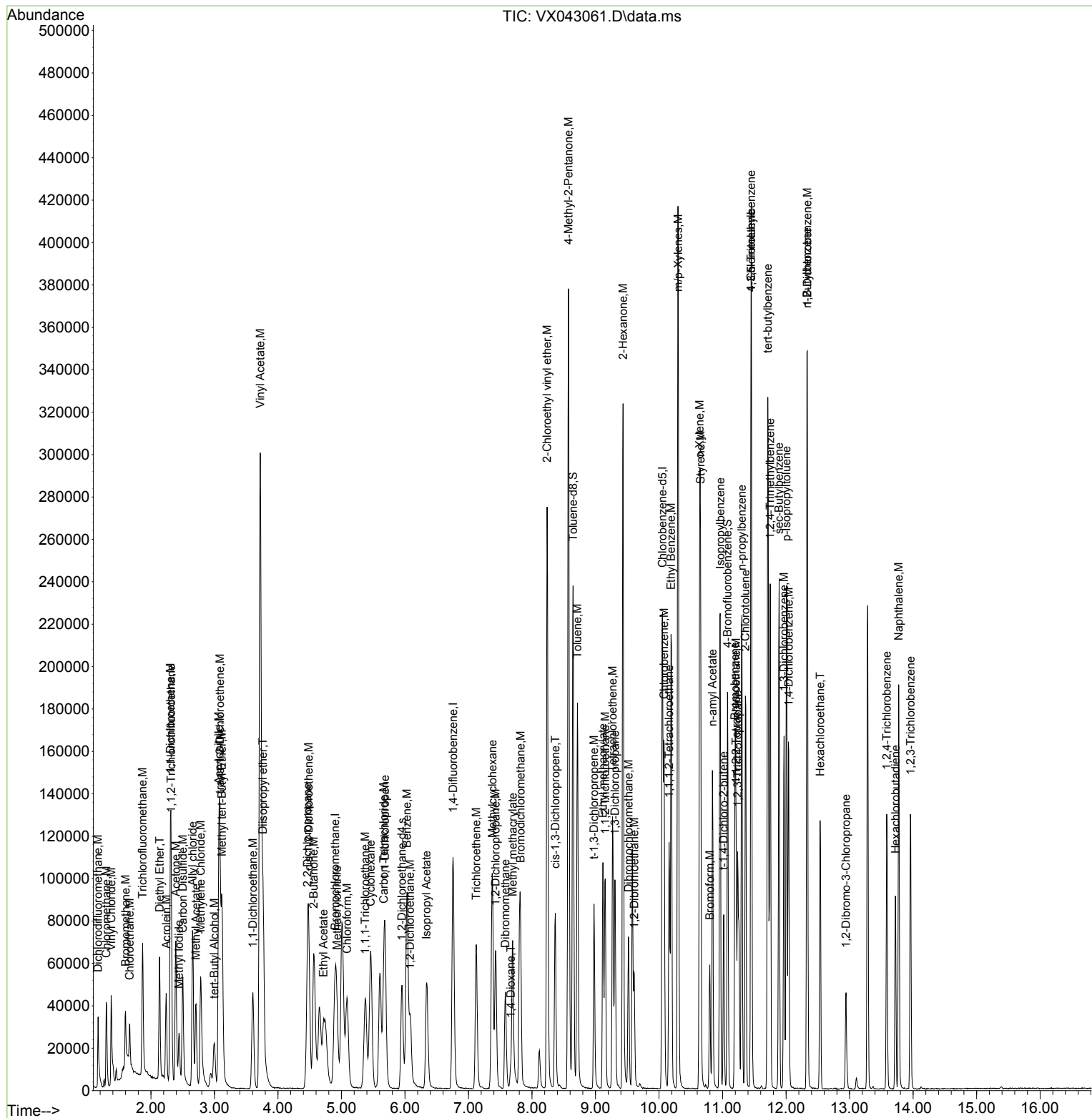
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 4.715  | 43   | 42065    | 17.162  | ug/l  | 99       |
| 44) Isopropyl Acetate         | 6.336  | 43   | 73743    | 18.467  | ug/l  | 98       |
| 45) 1,4-Dioxane               | 7.665  | 88   | 9981     | 258.918 | ug/l  | 87       |
| 46) Methyl methacrylate       | 7.696  | 41   | 34497    | 18.288  | ug/l  | 95       |
| 47) n-amyl Acetate            | 10.842 | 43   | 62659    | 17.772  | ug/l  | 97       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 39742    | 18.140  | ug/l  | 98       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 45325    | 18.957  | ug/l  | 98       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 27566    | 20.225  | ug/l  | 99       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 47125    | 18.206  | ug/l  | 97       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 46810    | 19.574  | ug/l  | 99       |
| 53) Dibromochloromethane      | 9.519  | 129  | 29903    | 20.201  | ug/l  | 100      |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 28043    | 19.824  | ug/l  | 100      |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 111139   | 93.717  | ug/l  | 99       |
| 56) Bromoform                 | 10.799 | 173  | 20187    | 19.520  | ug/l  | 96       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 233718   | 96.743  | ug/l  | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 181530   | 96.243  | ug/l  | 99       |
| 61) Tetrachloroethene         | 9.269  | 164  | 24186    | 21.948  | ug/l  | 99       |
| 62) Toluene                   | 8.714  | 91   | 118074   | 19.786  | ug/l  | 97       |
| 64) Chlorobenzene             | 10.079 | 112  | 74435    | 20.340  | ug/l  | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 25657    | 20.643  | ug/l  | 98       |
| 66) Ethyl Benzene             | 10.189 | 91   | 129597   | 19.984  | ug/l  | 97       |
| 67) m/p-Xylenes               | 10.299 | 106  | 99727    | 41.120  | ug/l  | 94       |
| 68) o-Xylene                  | 10.640 | 106  | 50240    | 20.480  | ug/l  | 94       |
| 69) Styrene                   | 10.653 | 104  | 82254    | 20.121  | ug/l  | 97       |
| 70) Isopropylbenzene          | 10.963 | 105  | 124107   | 20.394  | ug/l  | 97       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 43489    | 19.288  | ug/l  | 100      |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 48634    | 25.203  | ug/l  | 82       |
| 73) Bromobenzene              | 11.195 | 156  | 29882    | 21.378  | ug/l  | 99       |
| 74) n-propylbenzene           | 11.305 | 91   | 144634   | 20.139  | ug/l  | 99       |
| 75) 2-Chlorotoluene           | 11.360 | 91   | 87506    | 19.698  | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 101348   | 20.418  | ug/l  | 96       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 15028    | 16.682  | ug/l  | 96       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 96252    | 19.956  | ug/l  | 100      |
| 79) tert-butylbenzene         | 11.713 | 119  | 105730   | 20.914  | ug/l  | 98       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 102168   | 20.190  | ug/l  | 94       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 129134   | 20.221  | ug/l  | 100      |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 105596   | 20.434  | ug/l  | 98       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 53329    | 20.707  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 53545    | 20.763  | ug/l  | 99       |
| 85) n-Butylbenzene            | 12.329 | 91   | 89849    | 19.528  | ug/l  | 100      |
| 86) Hexachloroethane          | 12.536 | 117  | 20674    | 19.128  | ug/l  | 93       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 53551    | 20.908  | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 8541     | 16.296  | ug/l  | 93       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 30104    | 19.863  | ug/l  | 94       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 12524    | 22.169  | ug/l  | 94       |
| 91) Naphthalene               | 13.774 | 128  | 113205   | 19.114  | ug/l  | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 30975    | 20.036  | ug/l  | 98       |

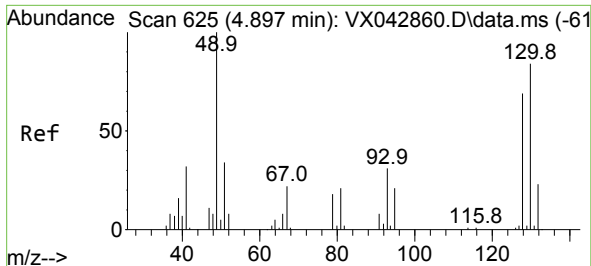
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081624\  
 Data File : VX043061.D  
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 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

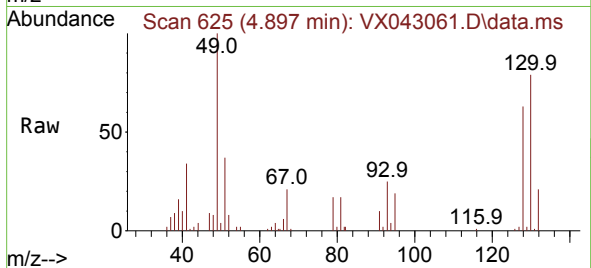
Quant Time: Aug 16 23:49:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X081324W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 13 13:22:56 2024  
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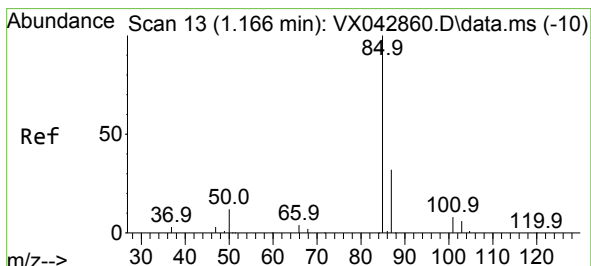
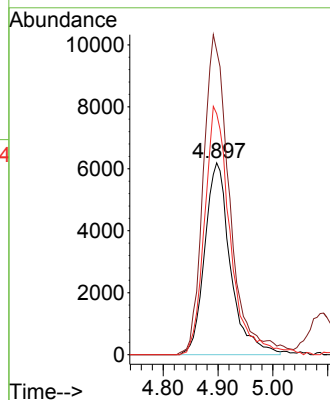
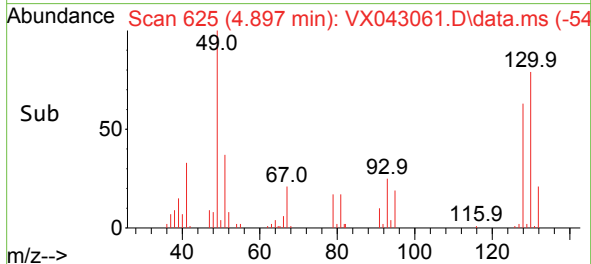


#1  
 Bromochloromethane  
 Concen: 30.000 ug/l  
 RT: 4.897 min Scan# 61  
 Delta R.T. -0.001 min  
 Lab File: VX043061.D  
 Acq: 16 Aug 2024 08:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :

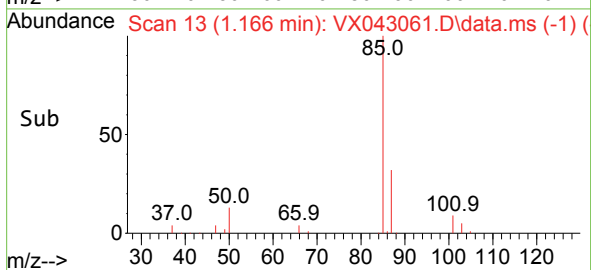
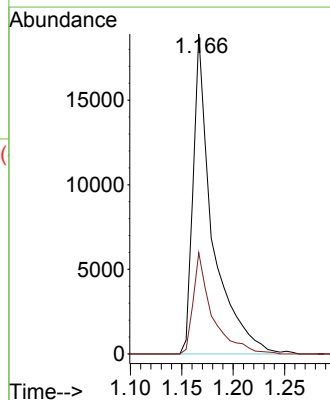
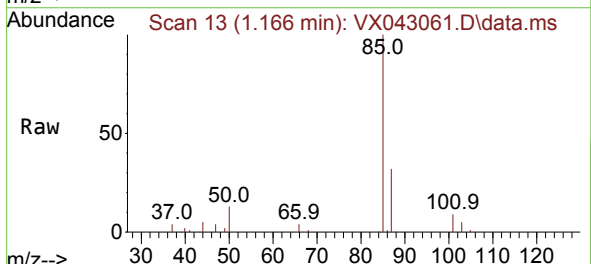


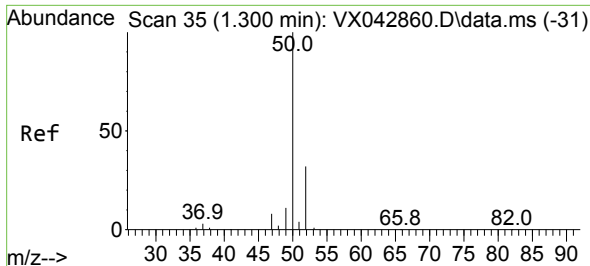
Tgt Ion:128 Resp: 20214  
 Ion Ratio Lower Upper  
 128 100  
 49 166.1 0.0 400.5  
 130 128.4 0.0 333.0



#2  
 Dichlorodifluoromethane  
 Concen: 21.390 ug/l  
 RT: 1.166 min Scan# 13  
 Delta R.T. -0.000 min  
 Lab File: VX043061.D  
 Acq: 16 Aug 2024 08:20

Tgt Ion: 85 Resp: 24642  
 Ion Ratio Lower Upper  
 85 100  
 87 31.7 16.0 48.0

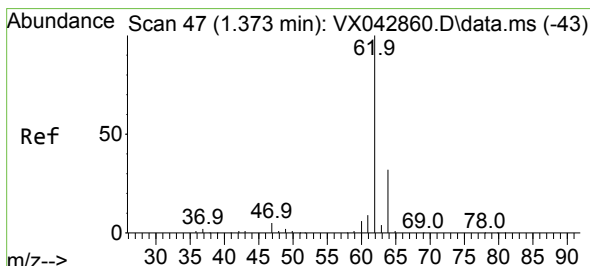
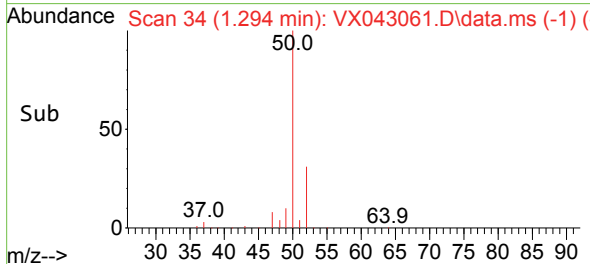
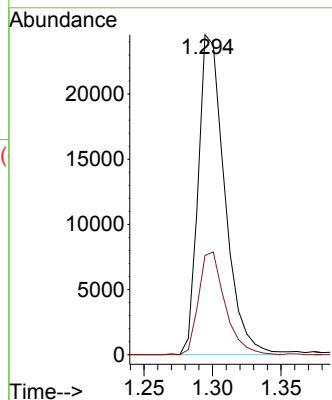
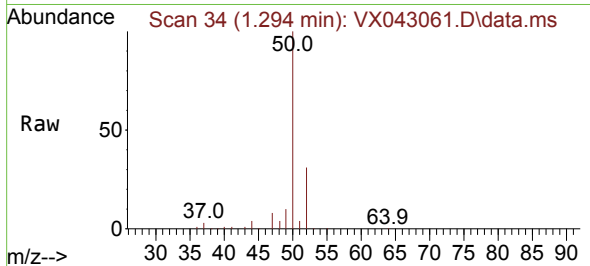




#3  
Chloromethane  
Concen: 19.069 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

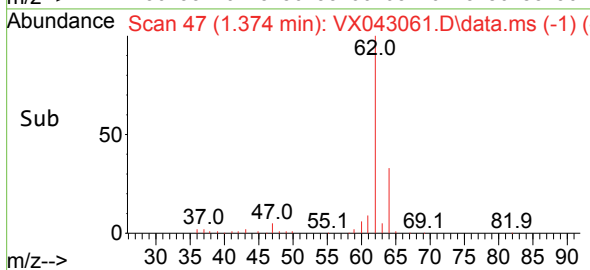
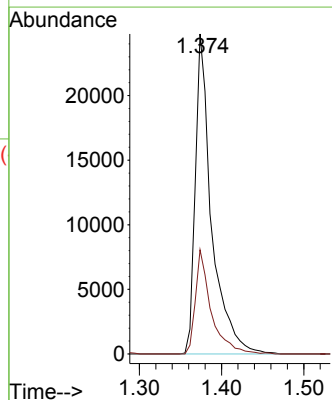
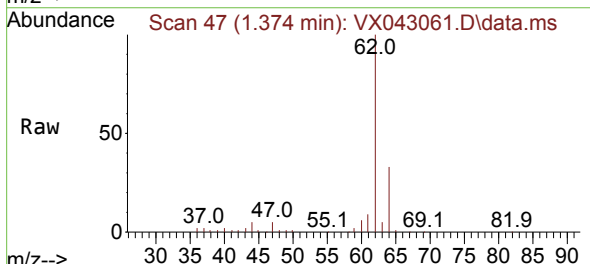
Instrument :  
MSVOA\_X  
ClientSampleId :

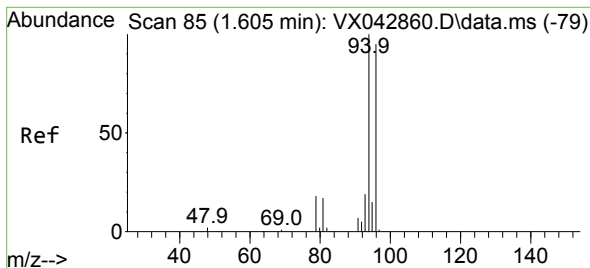
Tgt Ion: 50 Resp: 33043  
Ion Ratio Lower Upper  
50 100  
52 31.0 26.0 39.0



#4  
Vinyl Chloride  
Concen: 20.921 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 62 Resp: 34023  
Ion Ratio Lower Upper  
62 100  
64 32.5 26.3 39.5





#5

Bromomethane

Concen: 26.523 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

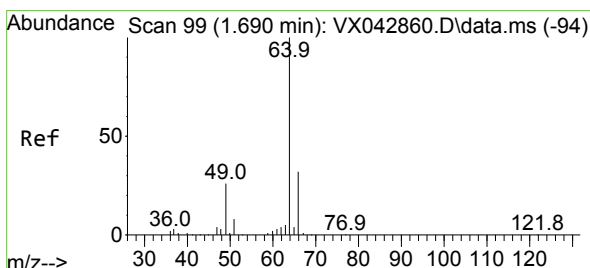
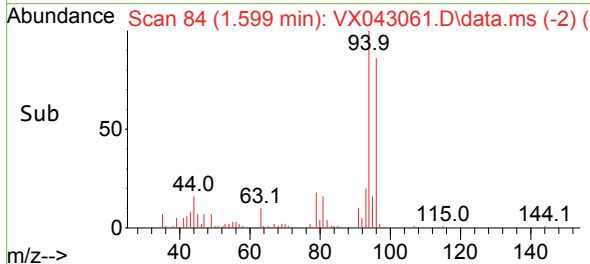
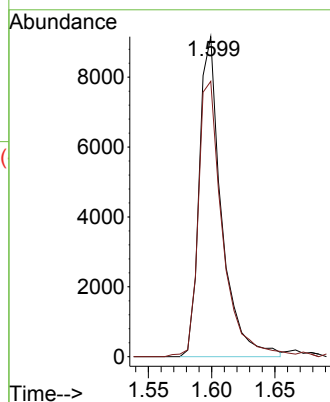
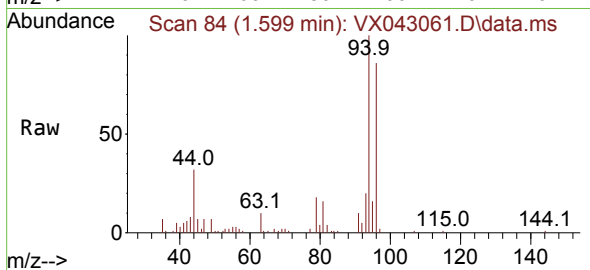
ClientSampleId :

Tgt Ion: 94 Resp: 11227

Ion Ratio Lower Upper

94 100

96 85.2 76.2 114.4



#6

Chloroethane

Concen: 26.395 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX043061.D

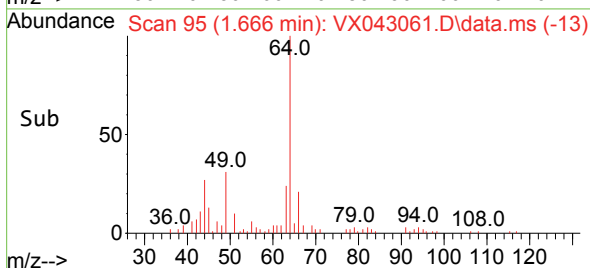
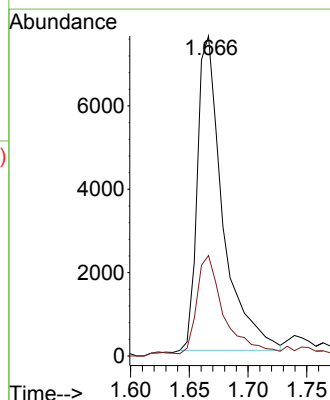
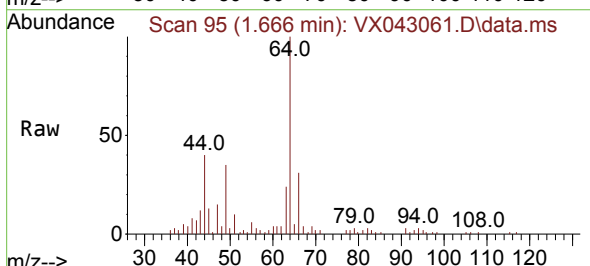
Acq: 16 Aug 2024 08:20

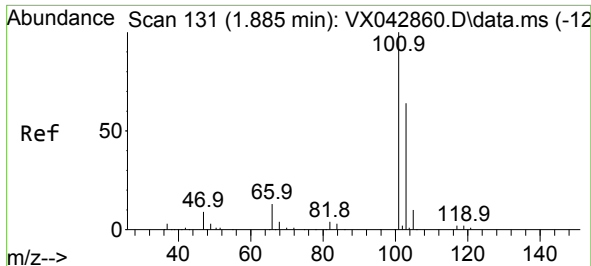
Tgt Ion: 64 Resp: 11333

Ion Ratio Lower Upper

64 100

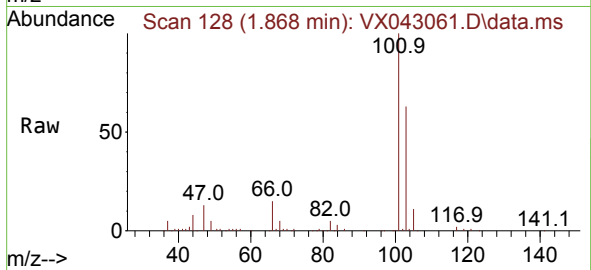
66 31.2 25.9 38.9



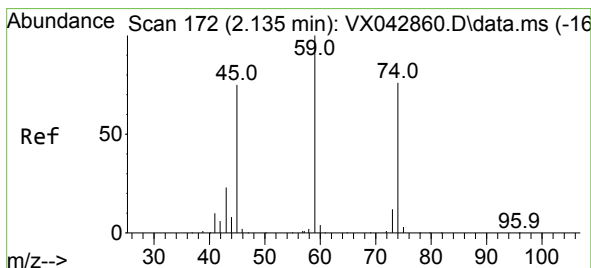
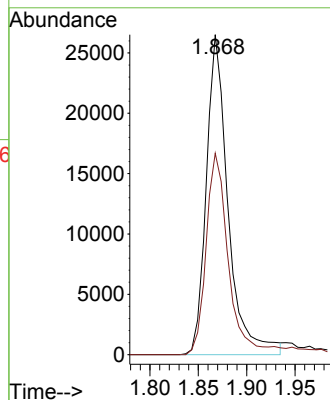
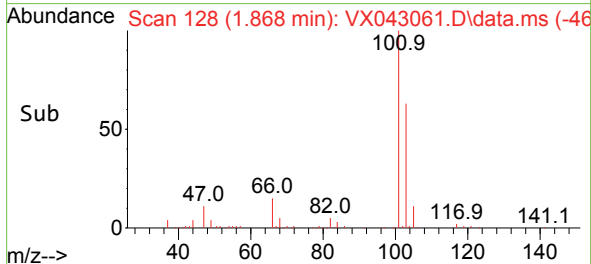


#7  
Trichlorofluoromethane  
Concen: 27.286 ug/l  
RT: 1.868 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Instrument :  
MSVOA\_X  
ClientSampleId :

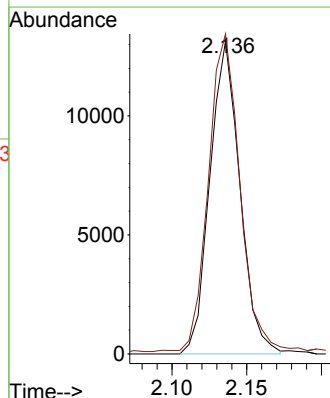
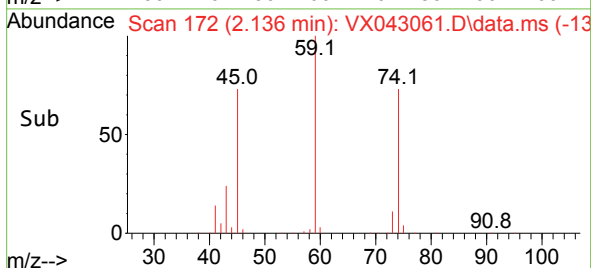
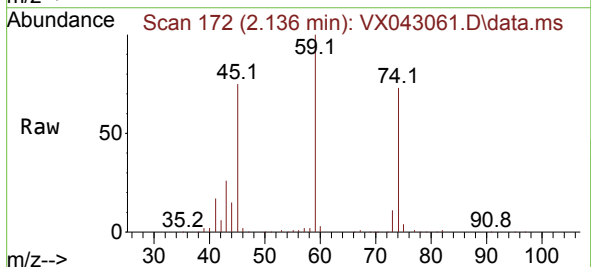


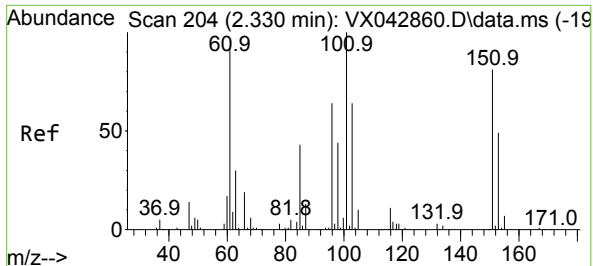
Tgt Ion:101 Resp: 41560  
Ion Ratio Lower Upper  
101 100  
103 62.9 51.5 77.3



#8  
Diethyl Ether  
Concen: 25.314 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 74 Resp: 18310  
Ion Ratio Lower Upper  
74 100  
45 105.2 20.3 182.3

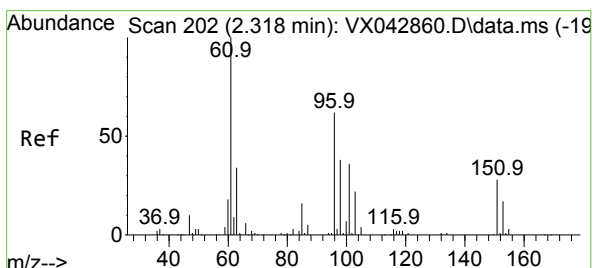
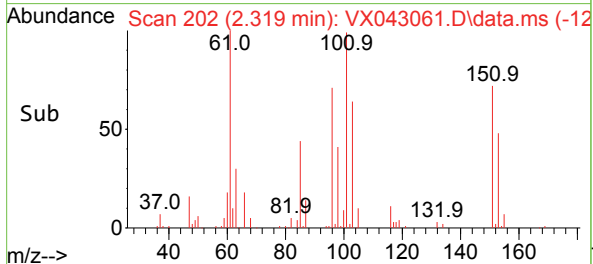
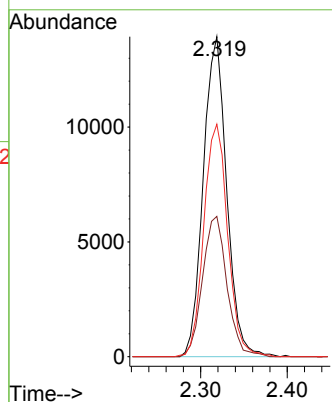
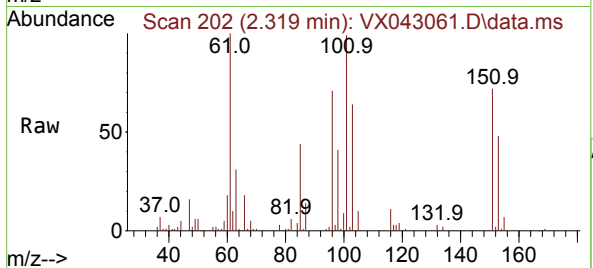




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.440 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

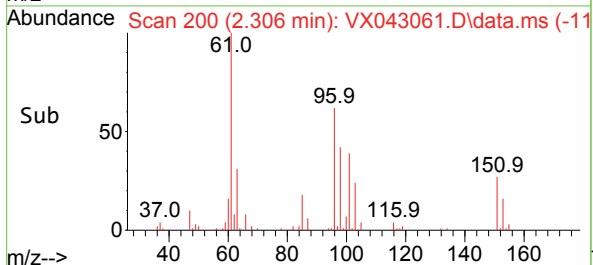
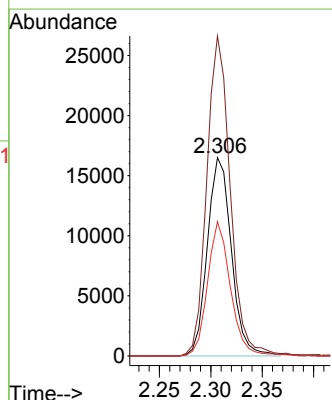
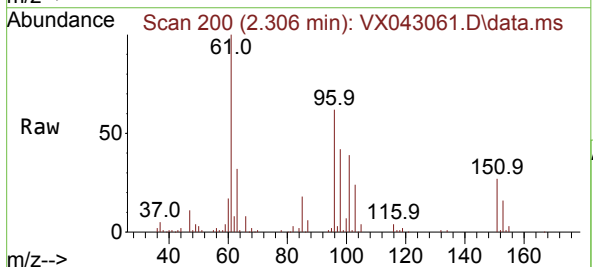
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:101 Resp: 26192  
Ion Ratio Lower Upper  
101 100  
85 45.7 0.0 88.6  
151 74.2 0.0 157.6

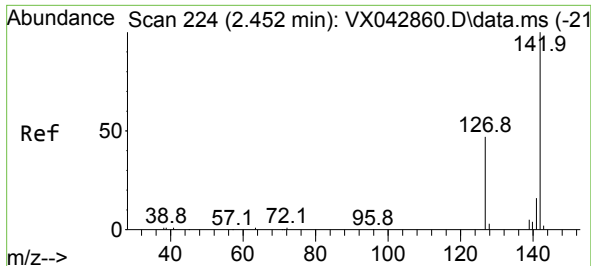


#10  
1,1-Dichloroethene  
Concen: 19.322 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 96 Resp: 26914  
Ion Ratio Lower Upper  
96 100  
61 161.3 129.2 193.8  
98 67.7 48.6 72.8

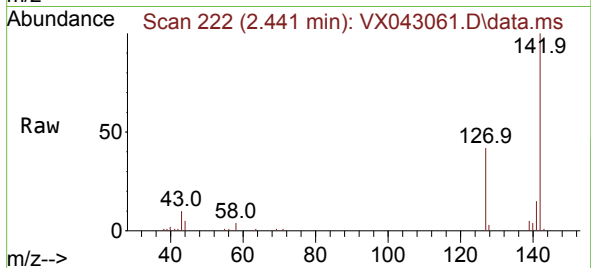




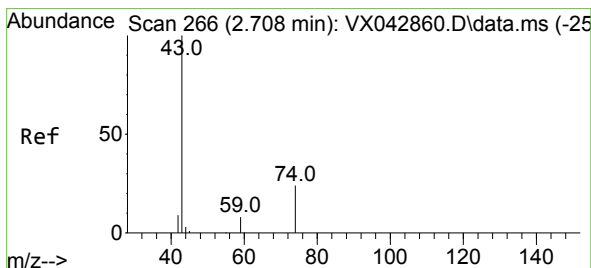
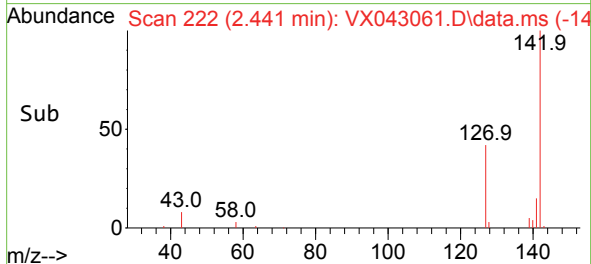
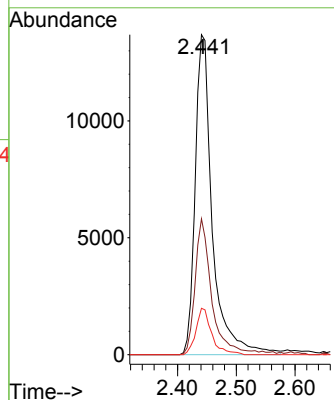


#11  
Methyl Iodide  
Concen: 18.007 ug/l  
RT: 2.441 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Instrument :  
MSVOA\_X  
ClientSampleId :

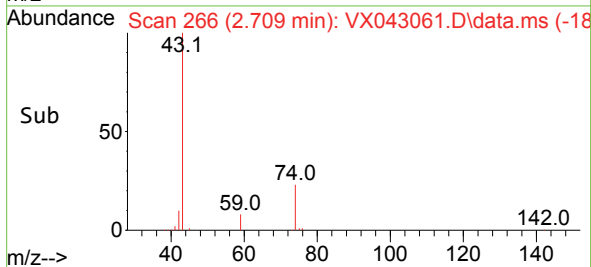
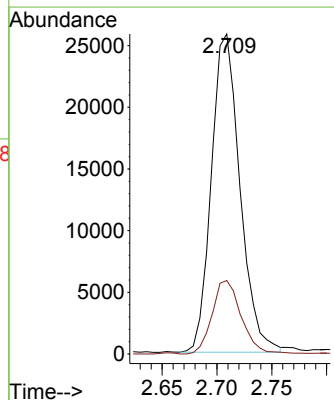
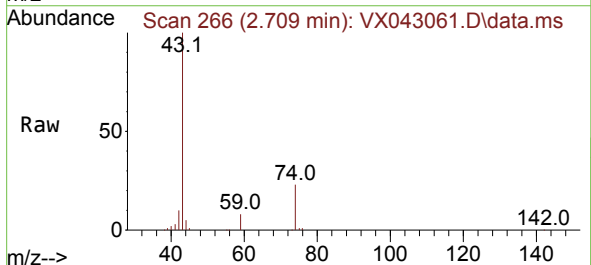


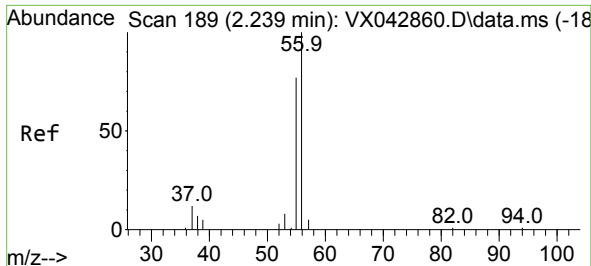
Tgt Ion:142 Resp: 27794  
Ion Ratio Lower Upper  
142 100  
127 42.3 23.6 71.0  
141 14.6 8.0 23.8



#12  
Methyl Acetate  
Concen: 18.628 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 43 Resp: 46873  
Ion Ratio Lower Upper  
43 100  
74 23.0 19.4 29.2





#13

Acrolein

Concen: 80.234 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

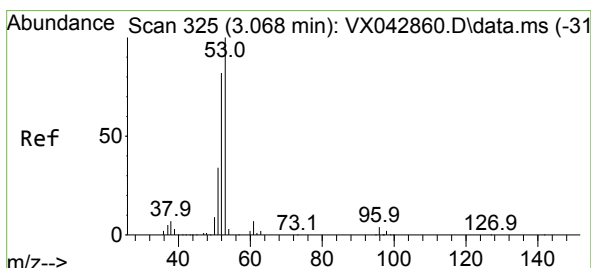
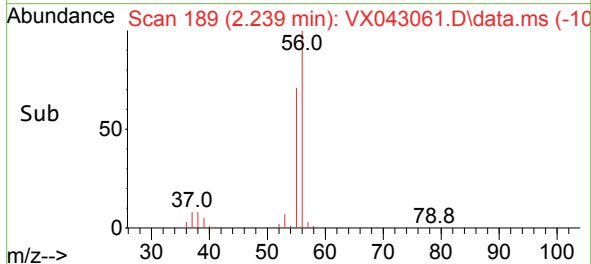
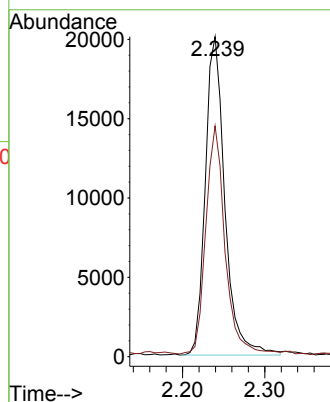
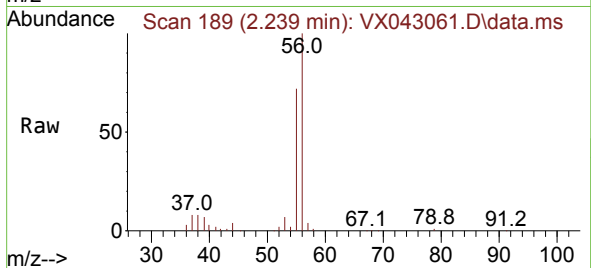
ClientSampleId :

Tgt Ion: 56 Resp: 33209

Ion Ratio Lower Upper

56 100

55 70.4 60.6 90.8



#14

Acrylonitrile

Concen: 88.568 ug/l

RT: 3.069 min Scan# 325

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

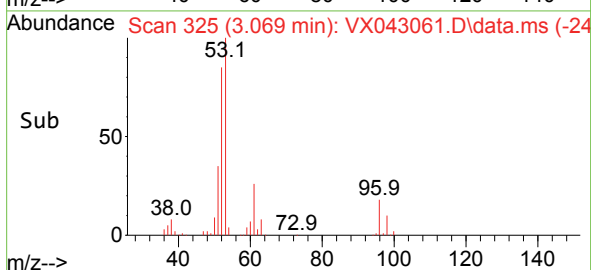
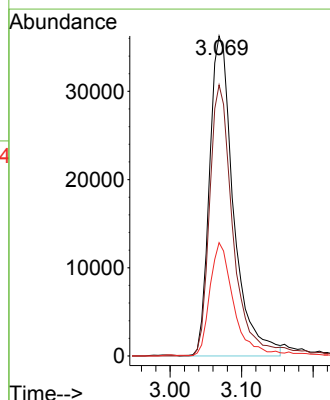
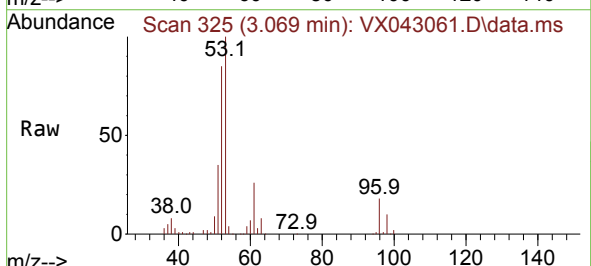
Tgt Ion: 53 Resp: 84933

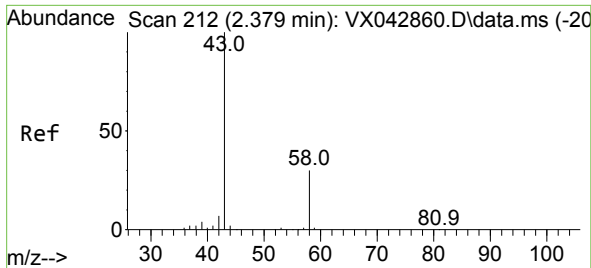
Ion Ratio Lower Upper

53 100

52 81.0 41.2 123.6

51 33.8 17.9 53.8





#15

Acetone

Concen: 94.194 ug/l

RT: 2.392 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

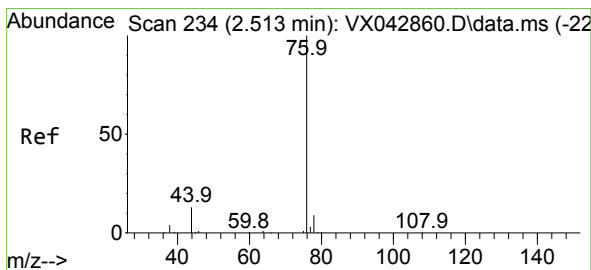
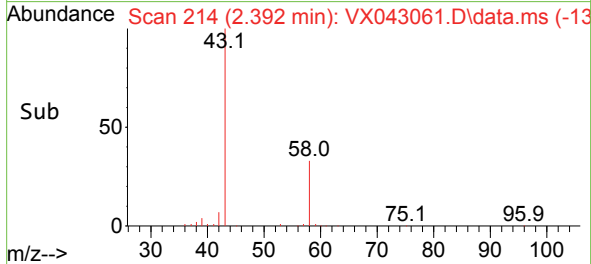
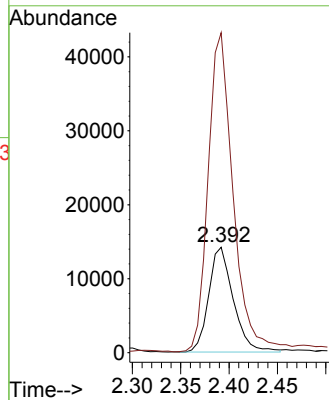
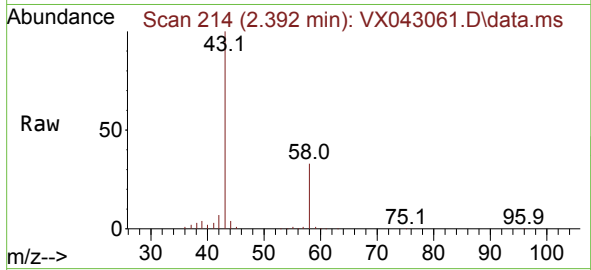
ClientSampleId :

Tgt Ion: 58 Resp: 25109

Ion Ratio Lower Upper

58 100

43 303.9 269.9 404.9



#16

Carbon Disulfide

Concen: 17.416 ug/l

RT: 2.502 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX043061.D

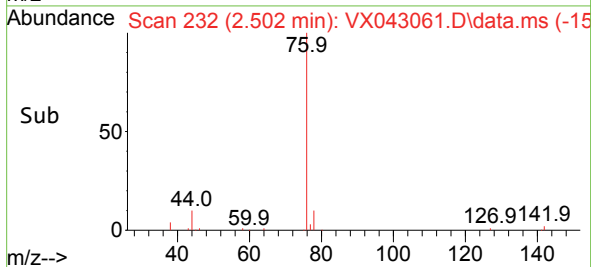
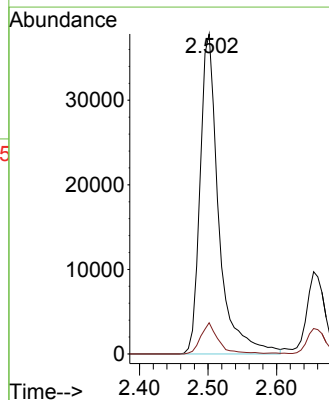
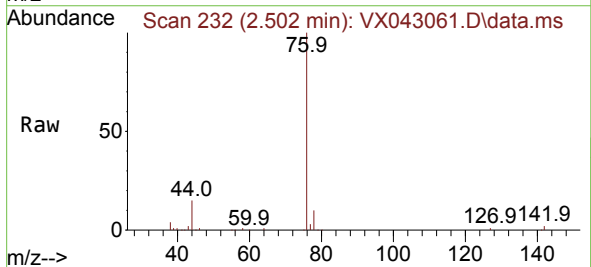
Acq: 16 Aug 2024 08:20

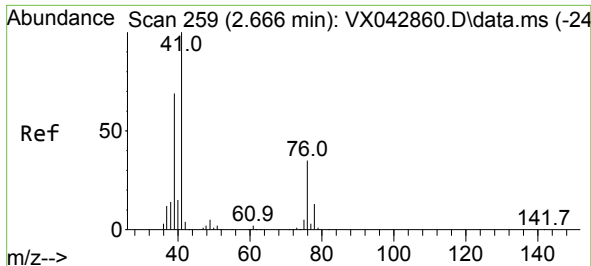
Tgt Ion: 76 Resp: 71702

Ion Ratio Lower Upper

76 100

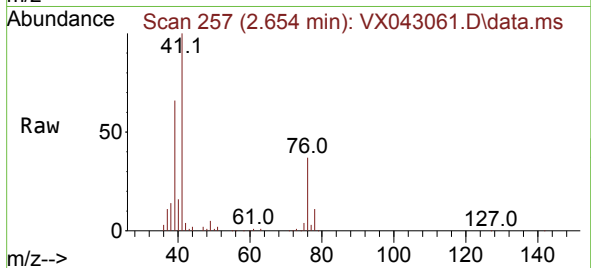
78 9.7 7.1 10.7



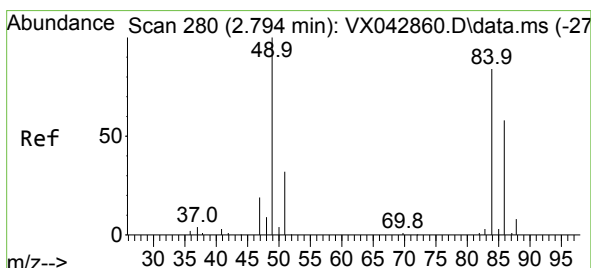
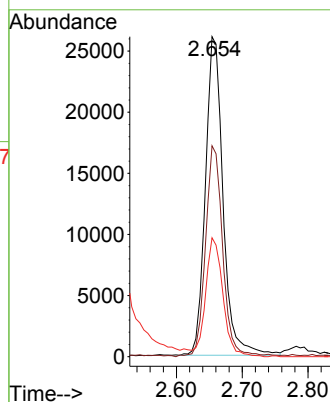
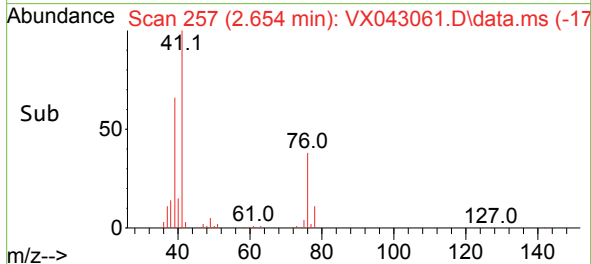


#17  
 Allyl chloride  
 Concen: 17.807 ug/l  
 RT: 2.654 min Scan# 217  
 Delta R.T. -0.006 min  
 Lab File: VX043061.D  
 Acq: 16 Aug 2024 08:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :

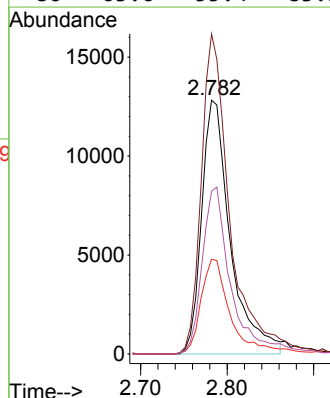
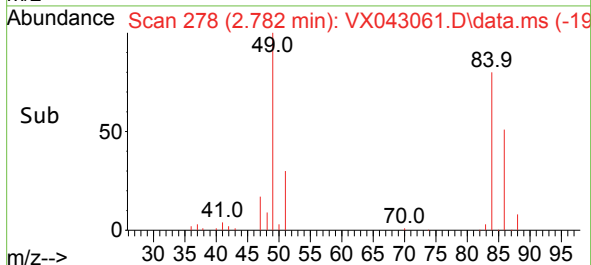
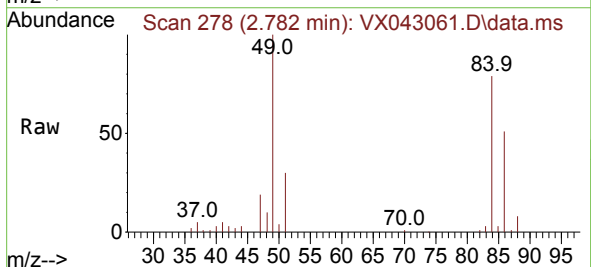


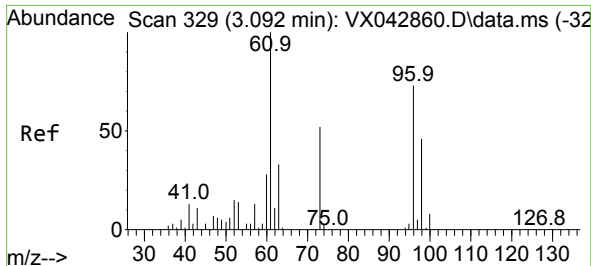
Tgt Ion: 41 Resp: 48769  
 Ion Ratio Lower Upper  
 41 100  
 39 65.8 34.6 103.9  
 76 37.3 18.4 55.4



#18  
 Methylene Chloride  
 Concen: 18.379 ug/l  
 RT: 2.782 min Scan# 278  
 Delta R.T. -0.006 min  
 Lab File: VX043061.D  
 Acq: 16 Aug 2024 08:20

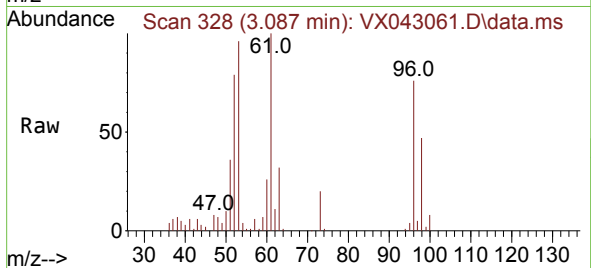
Tgt Ion: 84 Resp: 29643  
 Ion Ratio Lower Upper  
 84 100  
 49 125.6 95.0 142.6  
 51 36.8 30.1 45.1  
 86 63.6 55.4 83.2



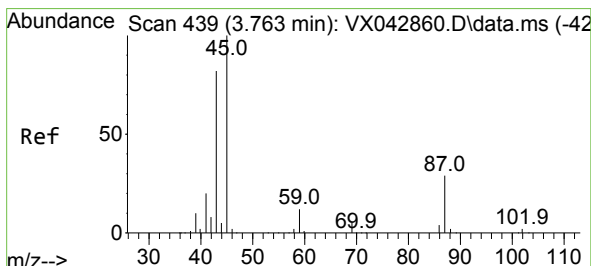
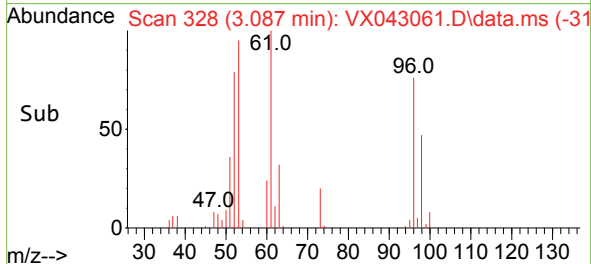
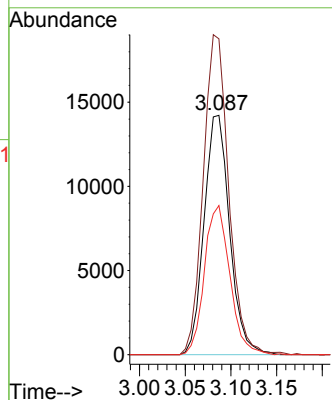


#19  
trans-1,2-Dichloroethene  
Concen: 18.918 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Instrument :  
MSVOA\_X  
ClientSampleId :

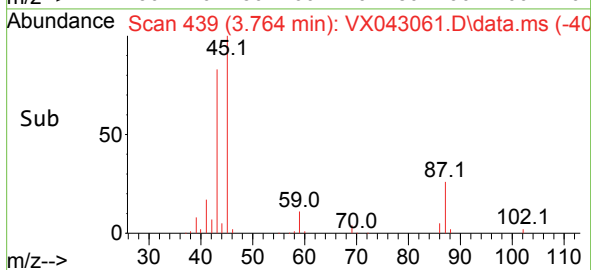
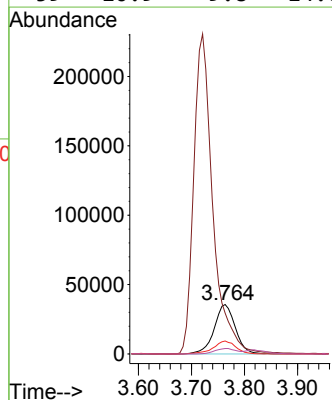
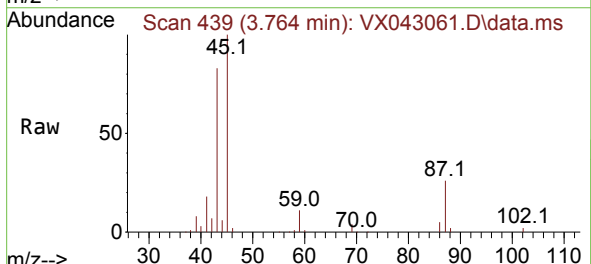


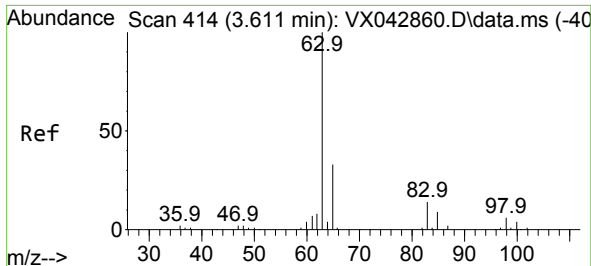
Tgt Ion: 96 Resp: 27680  
Ion Ratio Lower Upper  
96 100  
61 131.9 109.6 164.4  
98 62.3 50.4 75.6



#20  
Diisopropyl ether  
Concen: 18.460 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 45 Resp: 98811  
Ion Ratio Lower Upper  
45 100  
43 80.6 65.4 98.2  
87 26.2 23.0 34.6  
59 10.9 9.8 14.6

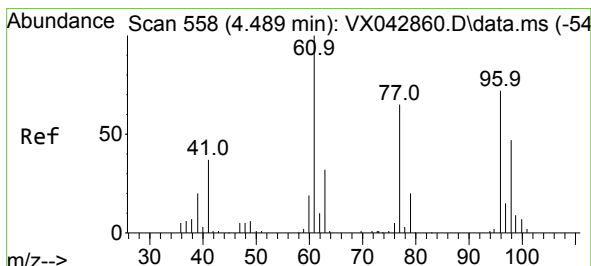
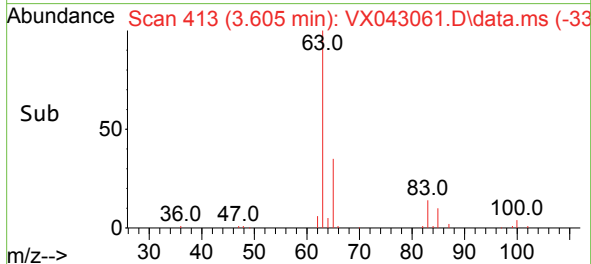
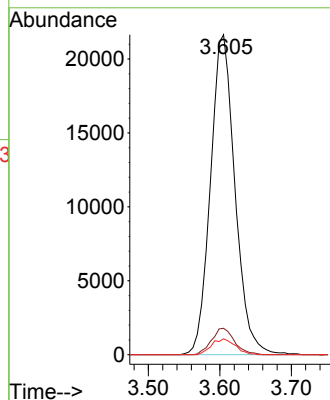
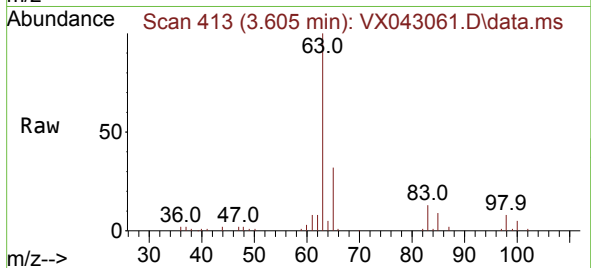




#21  
1,1-Dichloroethane  
Concen: 18.034 ug/l  
RT: 3.605 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

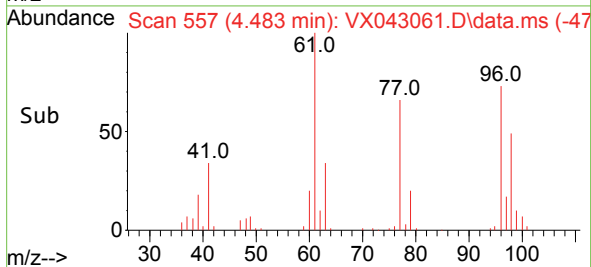
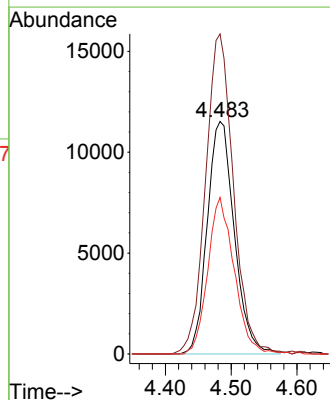
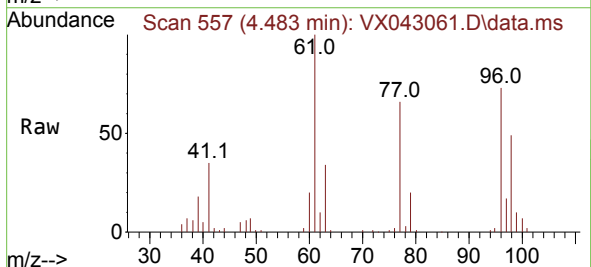
Instrument :  
MSVOA\_X  
ClientSampleId :

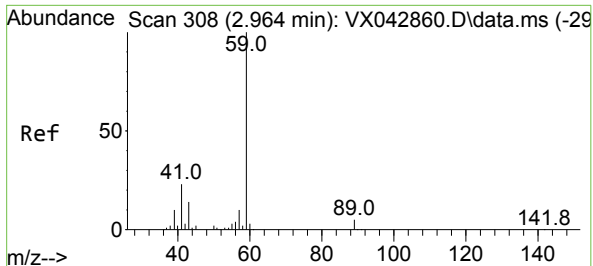
Tgt Ion: 63 Resp: 51586  
Ion Ratio Lower Upper  
63 100  
98 8.2 2.9 8.8  
100 5.0 2.1 6.3



#22  
cis-1,2-Dichloroethene  
Concen: 18.848 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 96 Resp: 33044  
Ion Ratio Lower Upper  
96 100  
61 140.3 117.7 176.5  
98 65.0 53.4 80.0

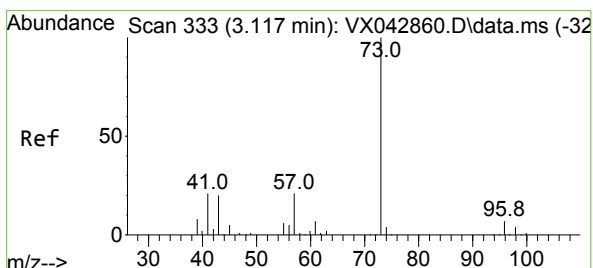
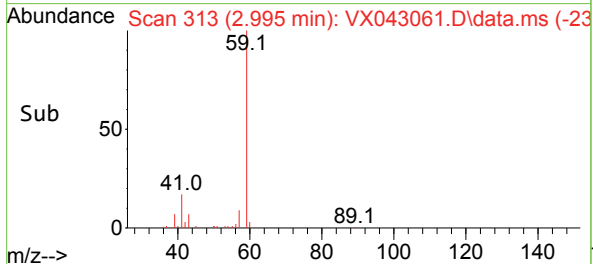
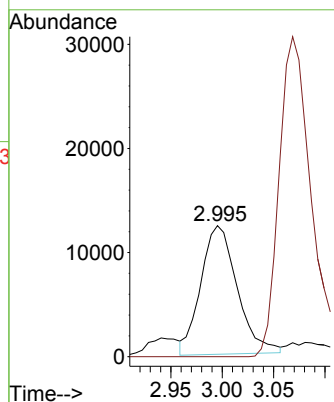
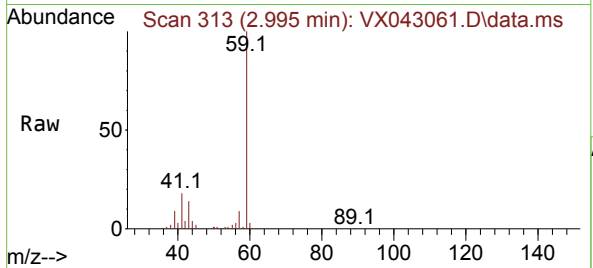




#23  
tert-Butyl Alcohol  
Concen: 73.283 ug/l  
RT: 2.995 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

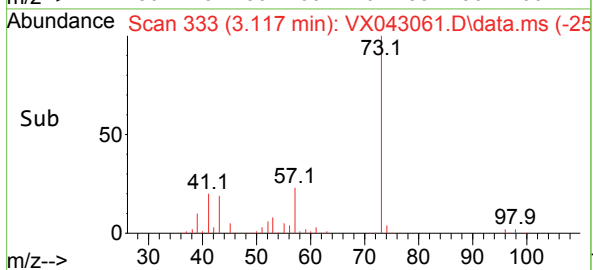
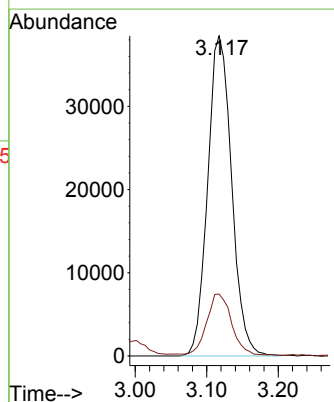
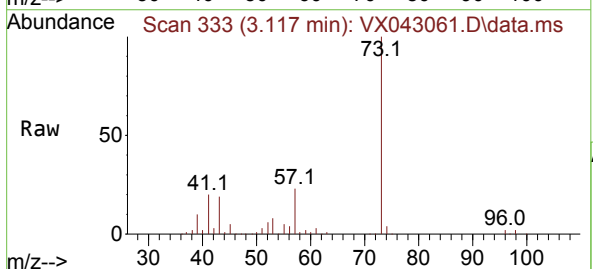
Instrument :  
MSVOA\_X  
ClientSampleId :

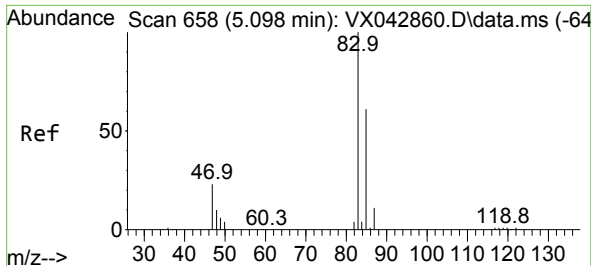
Tgt Ion: 59 Resp: 30489  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.1 0.1#



#24  
Methyl tert-Butyl Ether  
Concen: 18.218 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 73 Resp: 89569  
Ion Ratio Lower Upper  
73 100  
43 19.1 16.2 24.2





#25

Chloroform

Concen: 18.481 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

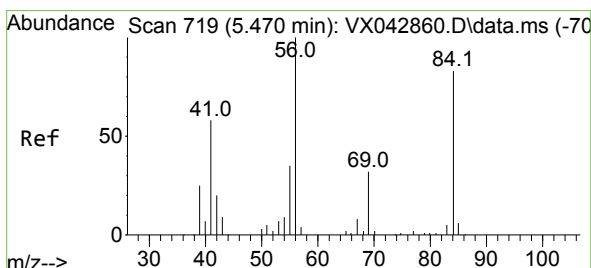
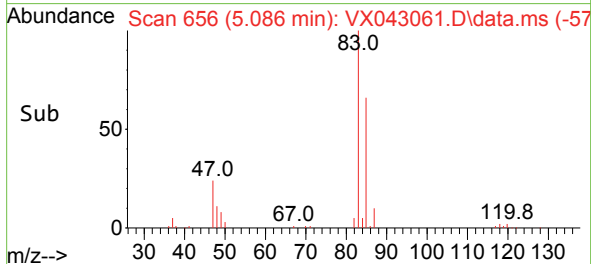
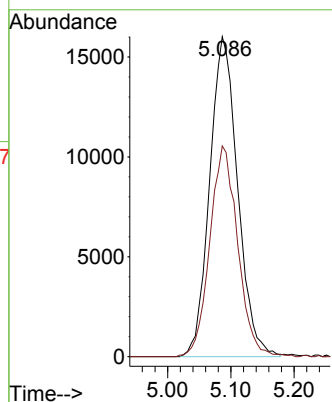
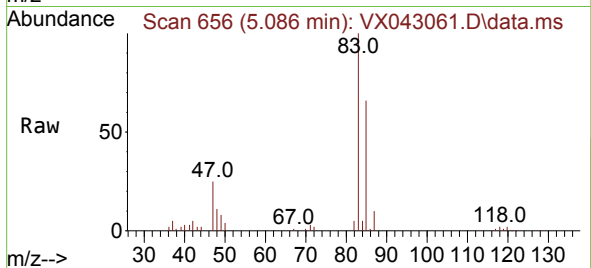
ClientSampleId :

Tgt Ion: 83 Resp: 49186

Ion Ratio Lower Upper

83 100

85 65.4 49.2 73.8



#26

Cyclohexane

Concen: 17.588 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

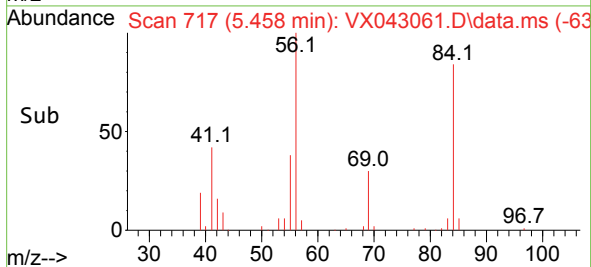
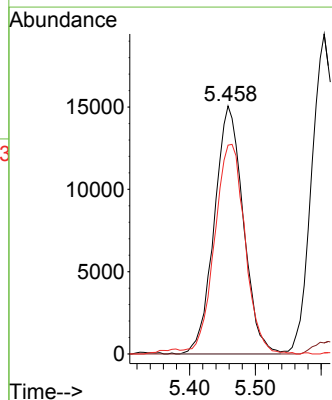
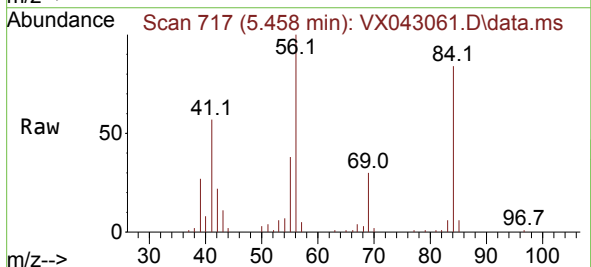
Tgt Ion: 56 Resp: 46211

Ion Ratio Lower Upper

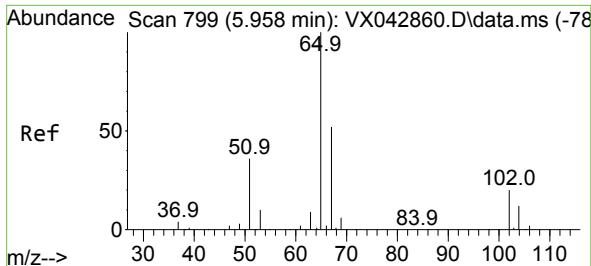
56 100

89 0.0 0.0 0.0

84 88.9 71.8 107.8







#27

1,2-Dichloroethane-d4

Concen: 27.300 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

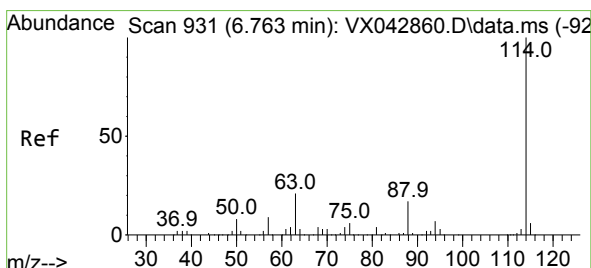
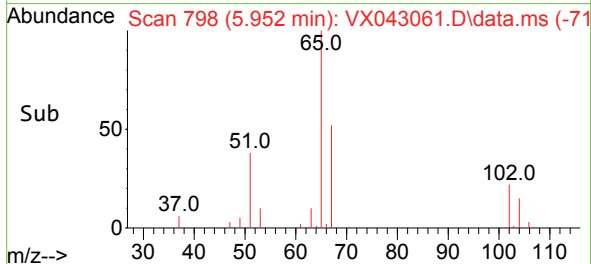
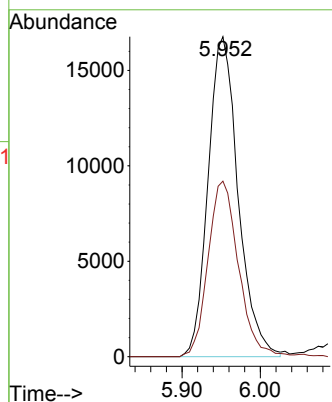
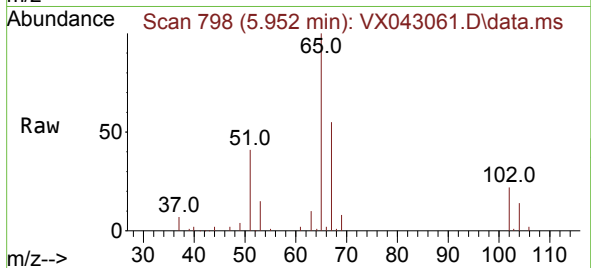
ClientSampleId :

Tgt Ion: 65 Resp: 44670

Ion Ratio Lower Upper

65 100

67 55.5 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: VX043061.D

Acq: 16 Aug 2024 08:20

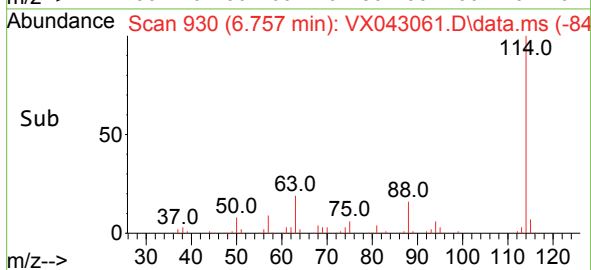
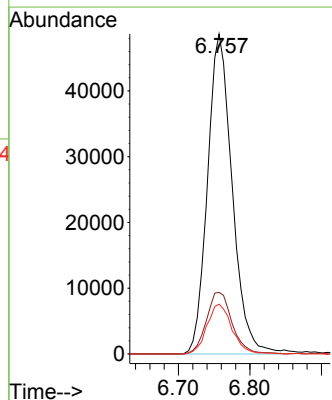
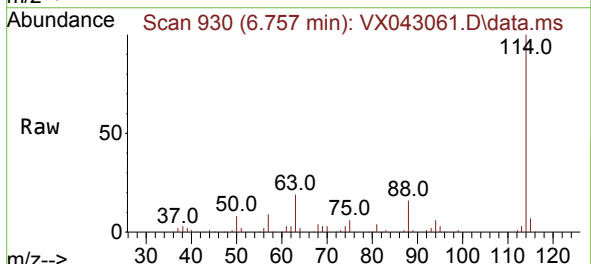
Tgt Ion: 114 Resp: 116526

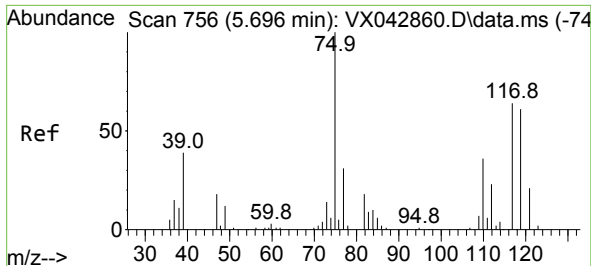
Ion Ratio Lower Upper

114 100

63 20.1 16.0 24.0

88 15.8 12.5 18.7





#29

1,1-Dichloropropene

Concen: 19.581 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :

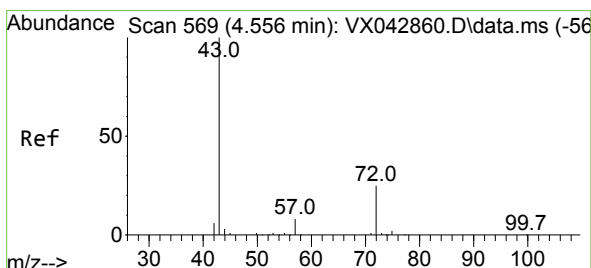
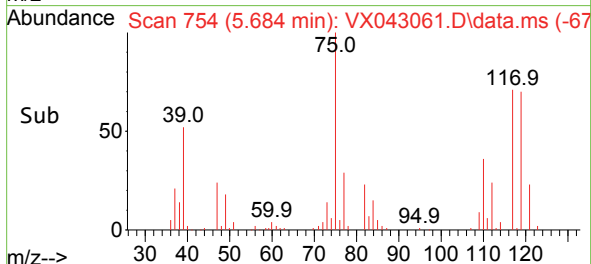
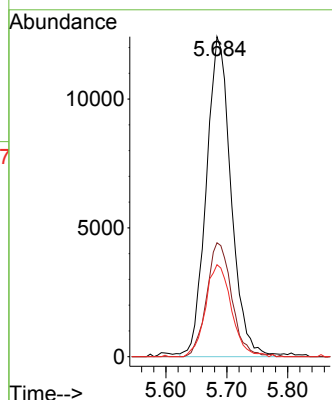
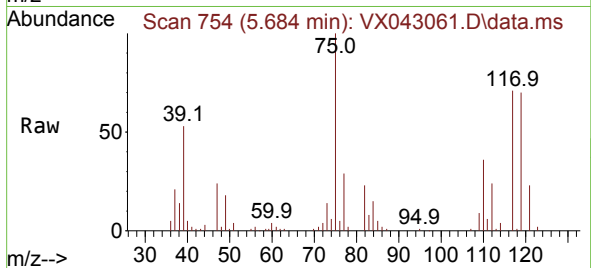
Tgt Ion: 75 Resp: 35094

Ion Ratio Lower Upper

75 100

110 35.8 0.0 72.4

77 29.8 0.0 63.4



#30

2-Butanone

Concen: 94.816 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

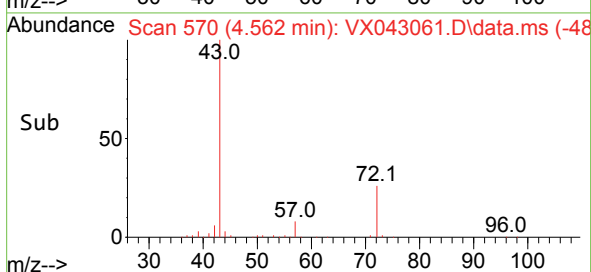
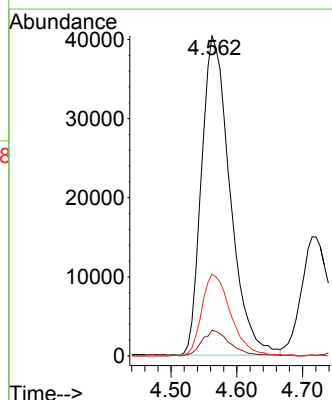
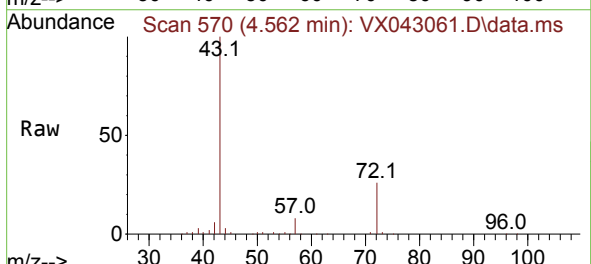
Tgt Ion: 43 Resp: 121502

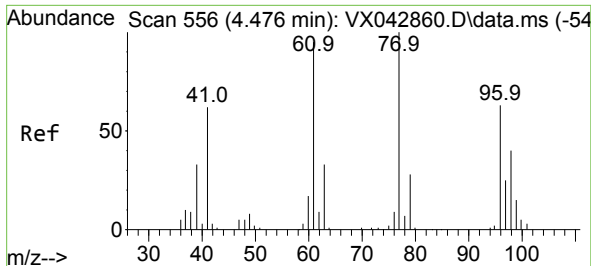
Ion Ratio Lower Upper

43 100

57 7.9 6.6 10.0

72 26.1 21.0 31.4

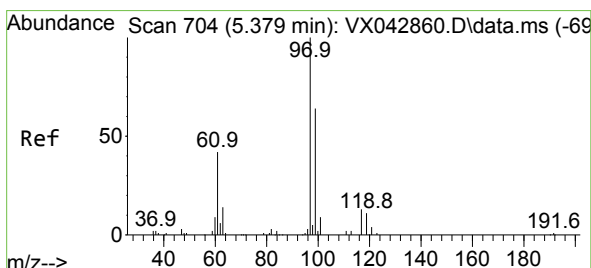
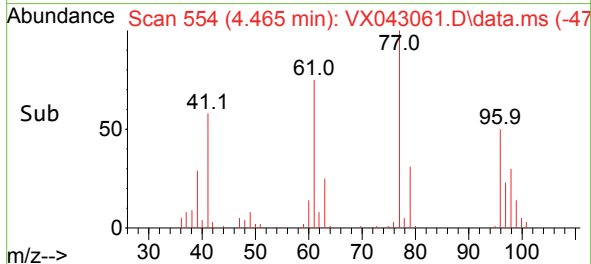
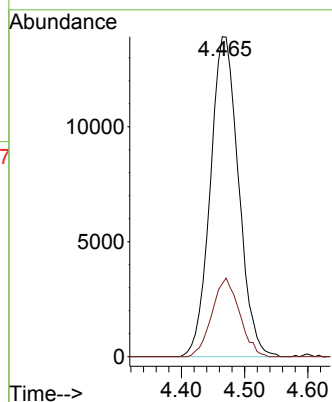
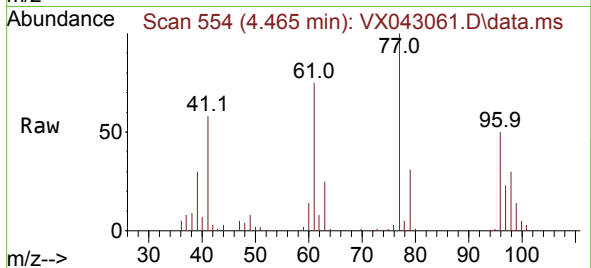




#31  
2,2-Dichloropropane  
Concen: 19.417 ug/l  
RT: 4.465 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

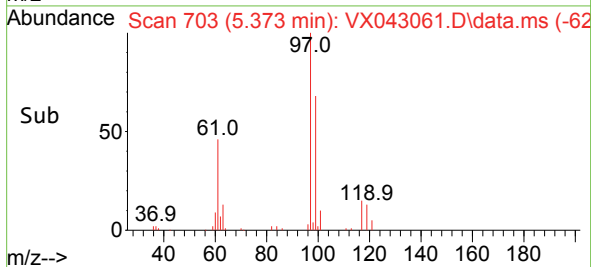
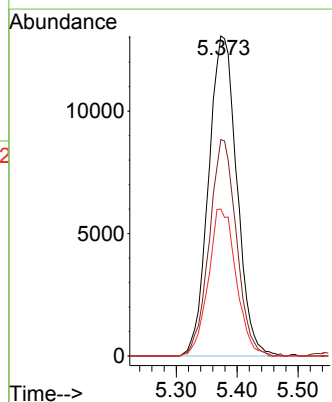
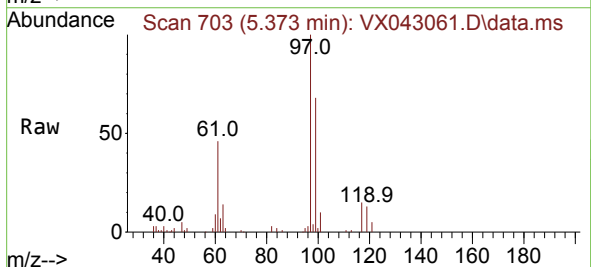
Instrument :  
MSVOA\_X  
ClientSampleId :

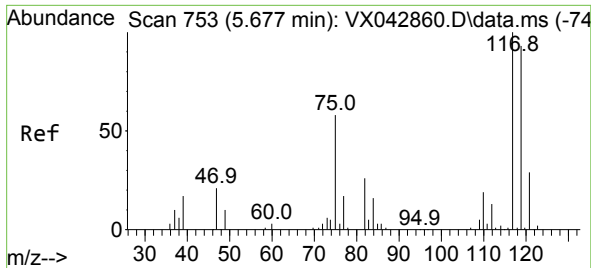
Tgt Ion: 77 Resp: 43142  
Ion Ratio Lower Upper  
77 100  
97 24.0 18.5 27.7



#32  
1,1,1-Trichloroethane  
Concen: 19.538 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

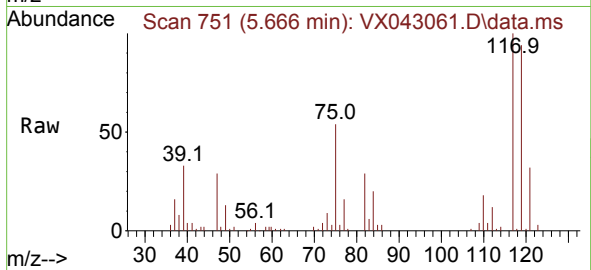
Tgt Ion: 97 Resp: 42153  
Ion Ratio Lower Upper  
97 100  
99 64.9 52.2 78.2  
61 45.2 34.3 51.5



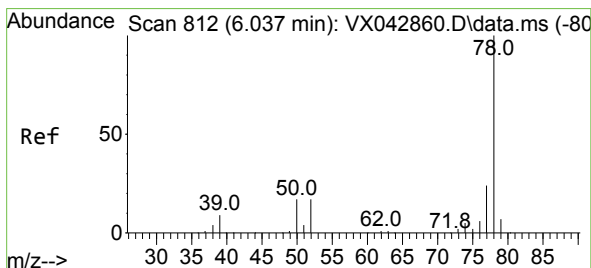
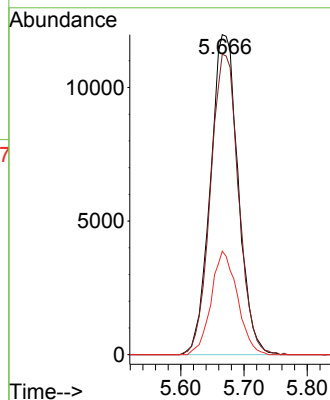
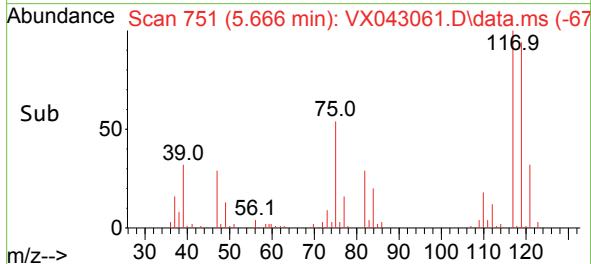


#33  
Carbon Tetrachloride  
Concen: 20.674 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

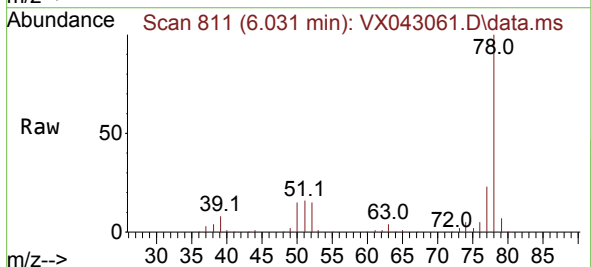
Instrument :  
MSVOA\_X  
ClientSampleId :



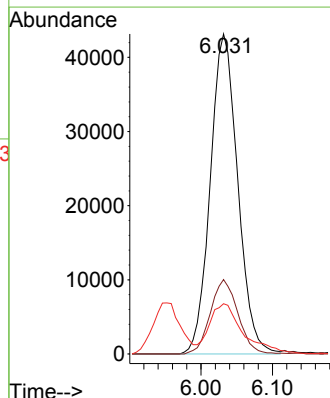
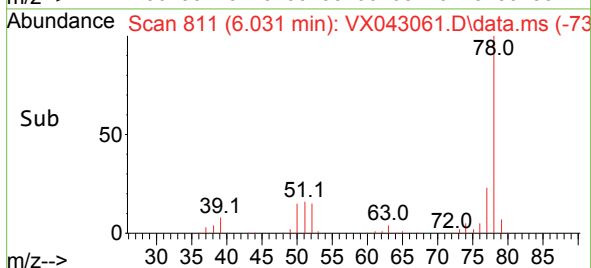
Tgt Ion:117 Resp: 36487  
Ion Ratio Lower Upper  
117 100  
119 93.9 75.7 113.5  
121 32.4 23.3 34.9

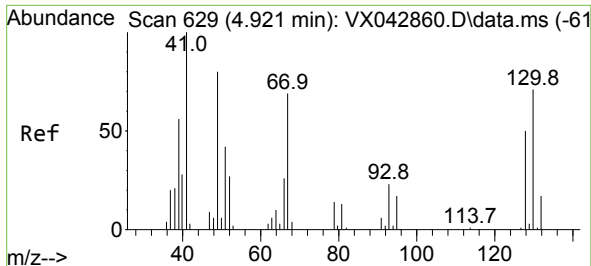


#34  
Benzene  
Concen: 19.393 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20



Tgt Ion: 78 Resp: 115053  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.4 29.2  
51 14.6 13.5 20.3

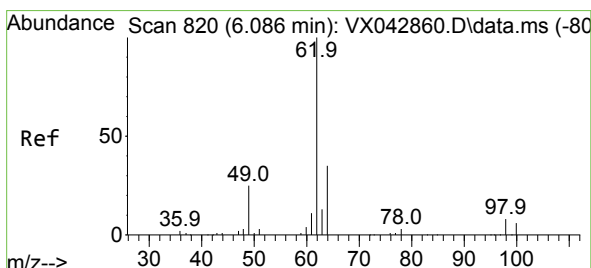
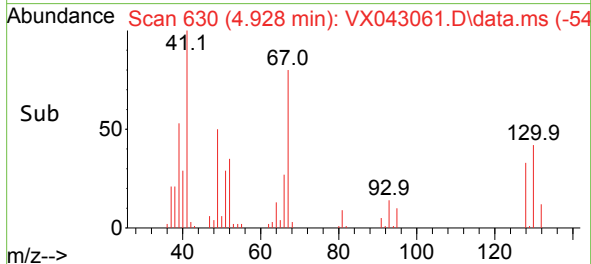
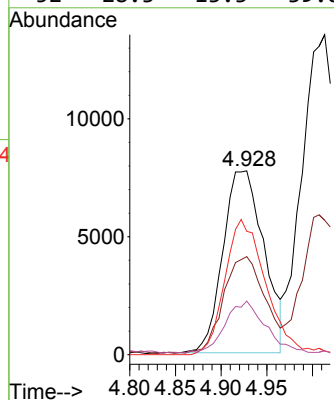
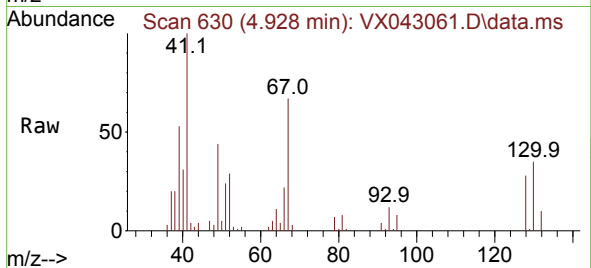




#35  
Methacrylonitrile  
Concen: 18.071 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

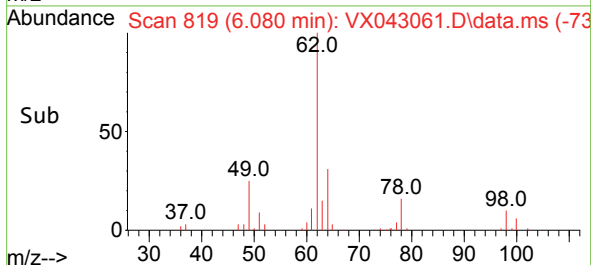
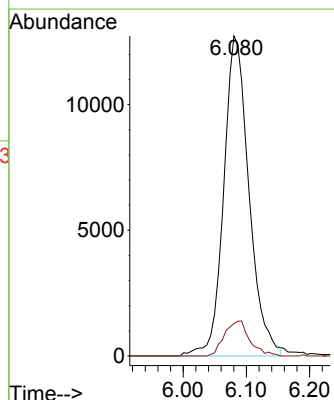
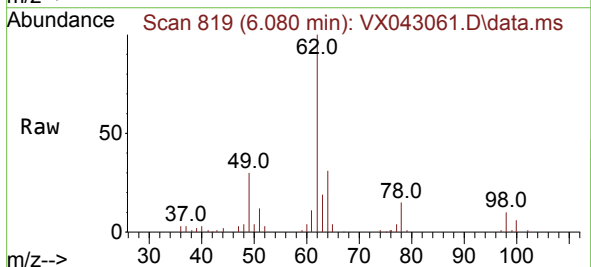
Instrument :  
MSVOA\_X  
ClientSampleId :

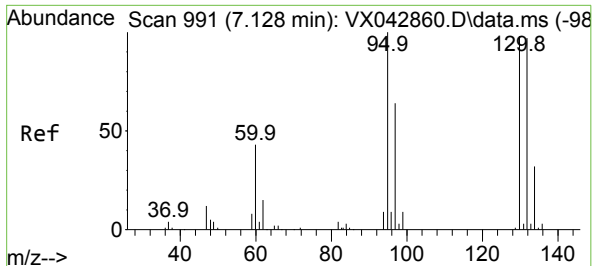
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 24140 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.7  | 28.1  | 84.2  |
| 67       | 67.8  | 34.4  | 103.1 |
| 52       | 28.3  | 13.3  | 39.8  |



#36  
1,2-Dichloroethane  
Concen: 19.316 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 35355 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.6  | 6.8   | 10.2  |





#37

Trichloroethene

Concen: 20.228 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

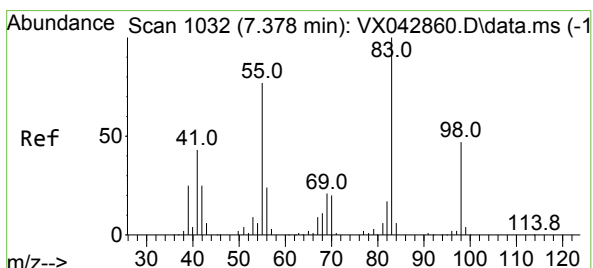
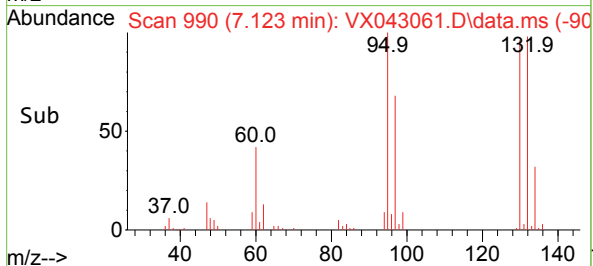
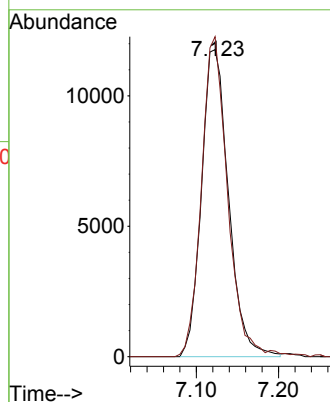
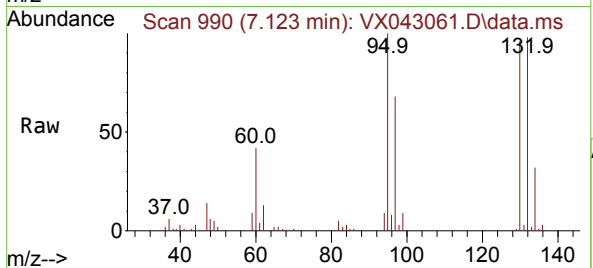
ClientSampleId :

Tgt Ion:130 Resp: 27005

Ion Ratio Lower Upper

130 100

95 103.4 81.4 122.2



#38

Methylcyclohexane

Concen: 19.817 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

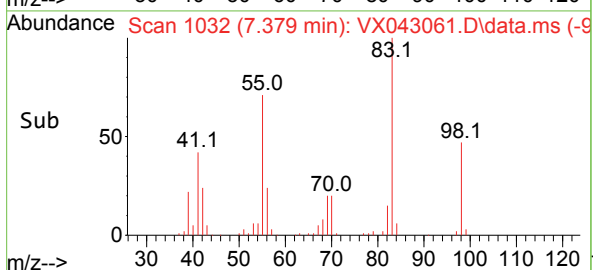
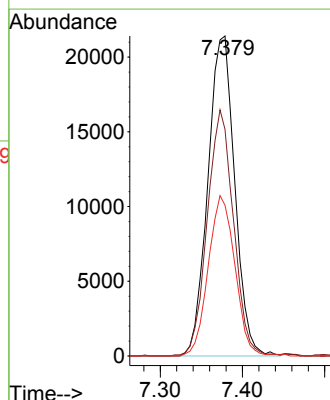
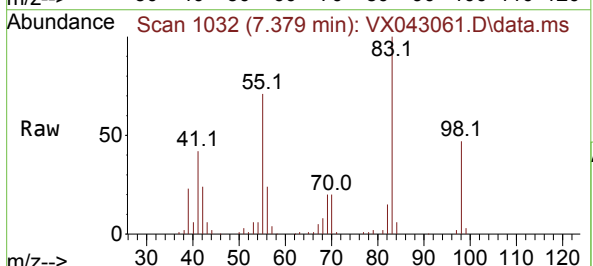
Tgt Ion: 83 Resp: 48658

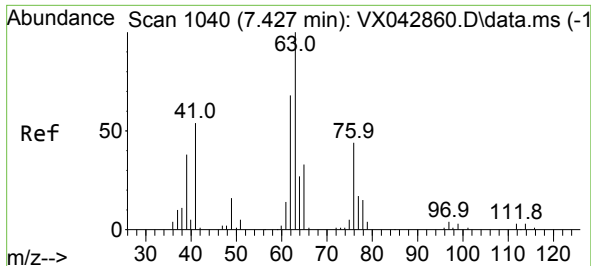
Ion Ratio Lower Upper

83 100

55 75.0 38.0 113.9

98 49.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 18.973 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

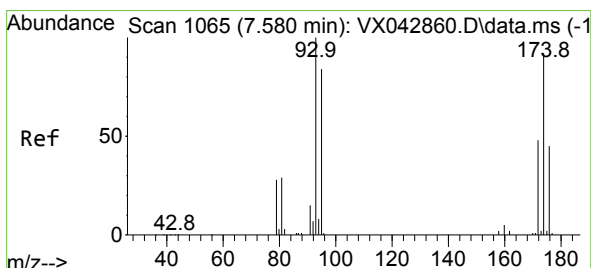
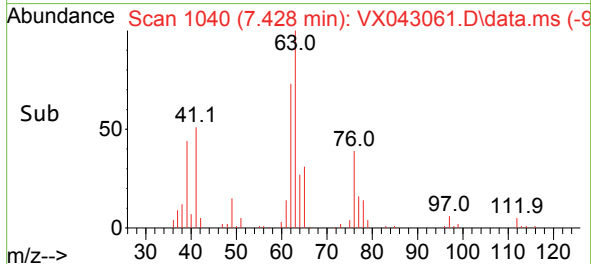
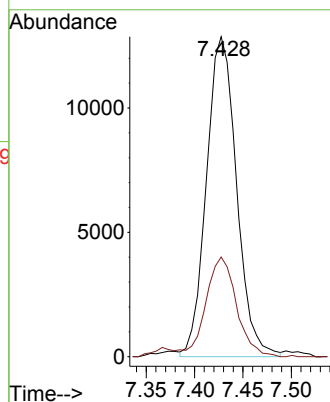
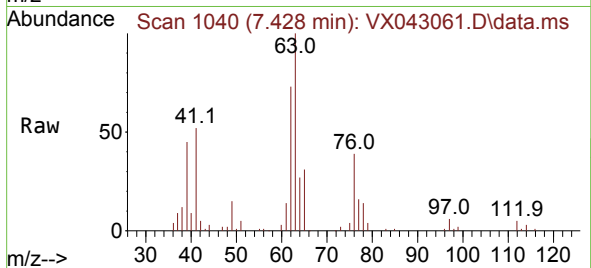
ClientSampleId :

Tgt Ion: 63 Resp: 27899

Ion Ratio Lower Upper

63 100

65 31.6 26.6 39.8



#40

Dibromomethane

Concen: 19.620 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

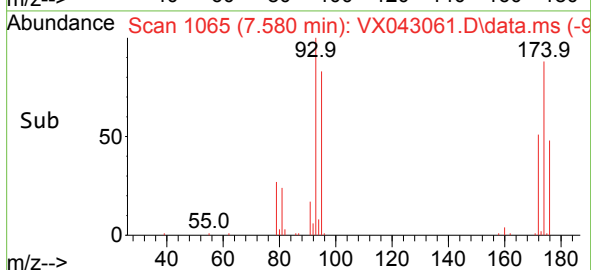
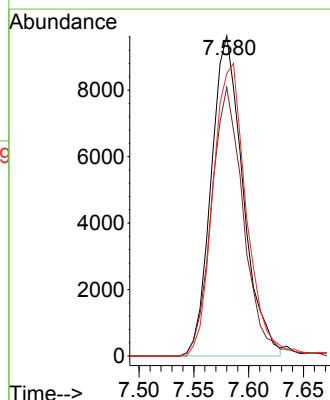
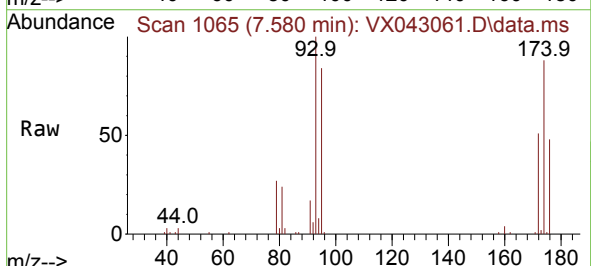
Tgt Ion: 93 Resp: 19410

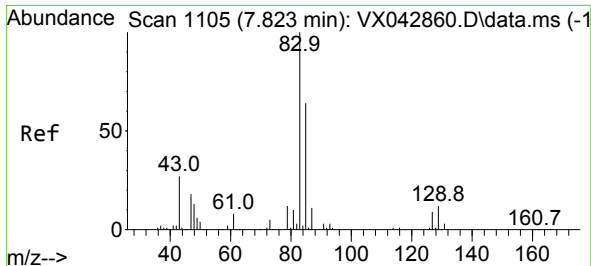
Ion Ratio Lower Upper

93 100

95 85.0 0.0 161.8

174 96.0 0.0 194.0

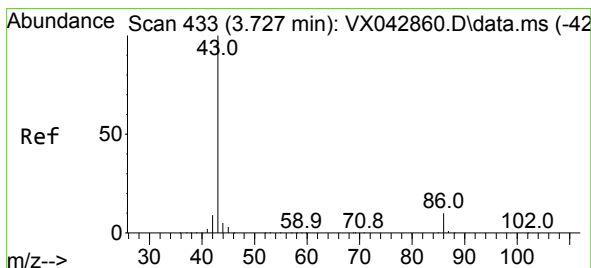
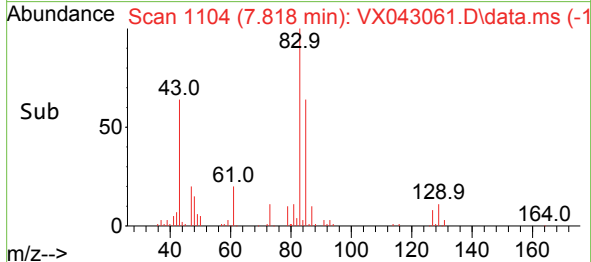
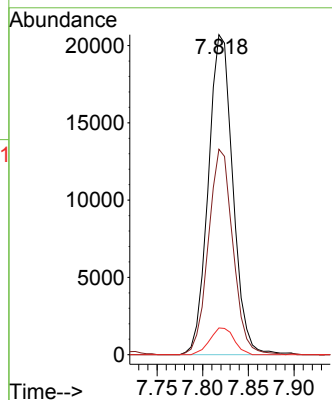
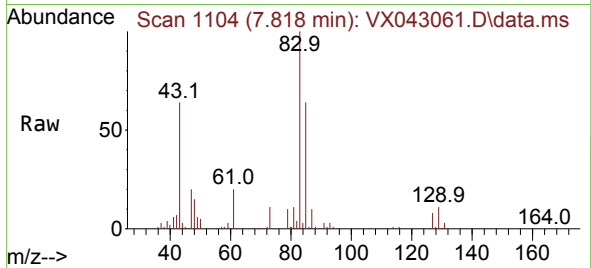




#41  
Bromodichloromethane  
Concen: 19.582 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

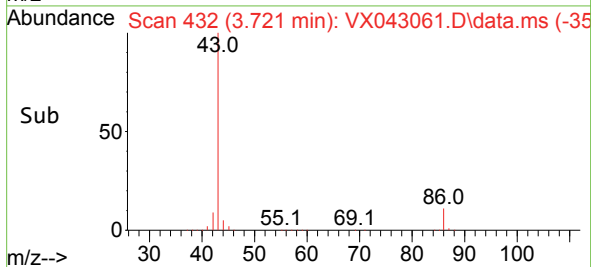
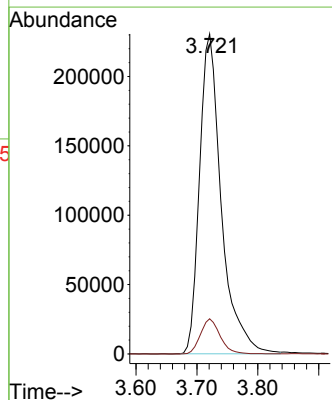
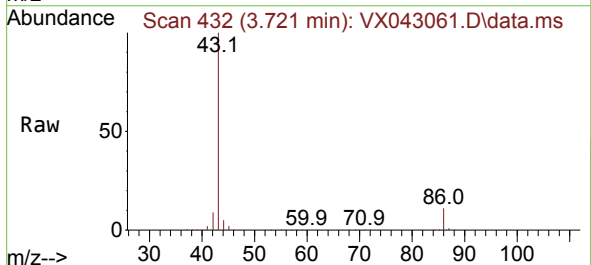
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 38662  
Ion Ratio Lower Upper  
83 100  
85 64.2 50.8 76.2  
127 8.3 6.9 10.3

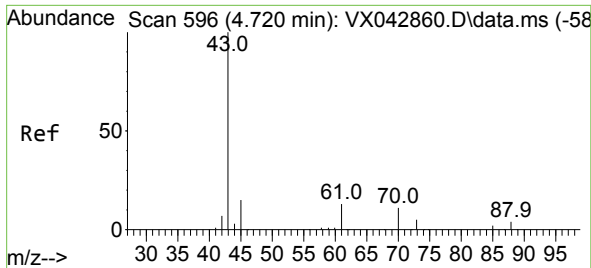


#42  
Vinyl Acetate  
Concen: 98.630 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 43 Resp: 574225  
Ion Ratio Lower Upper  
43 100  
86 9.9 7.2 10.8



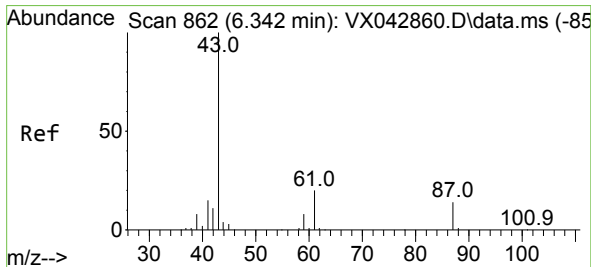
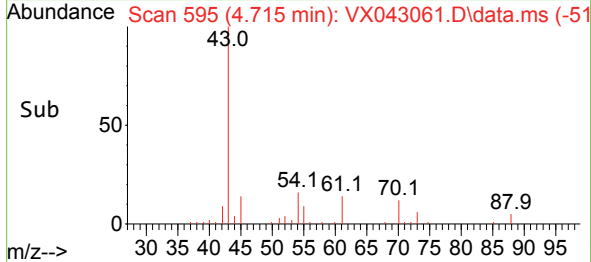
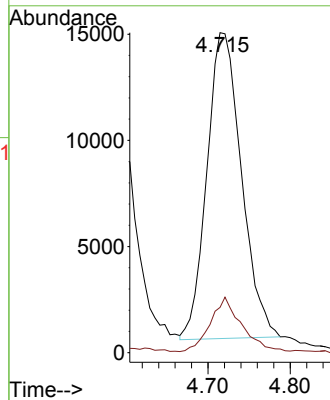
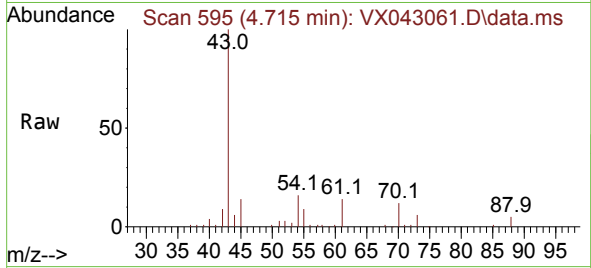




#43  
Ethyl Acetate  
Concen: 17.162 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

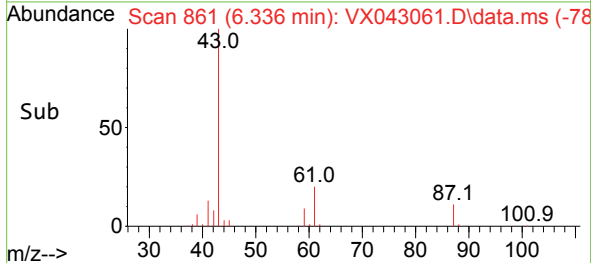
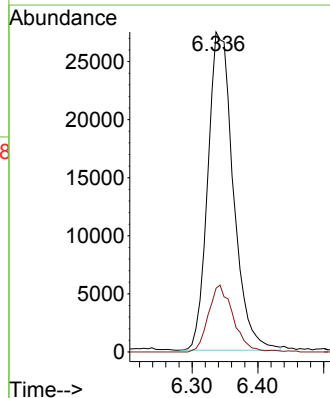
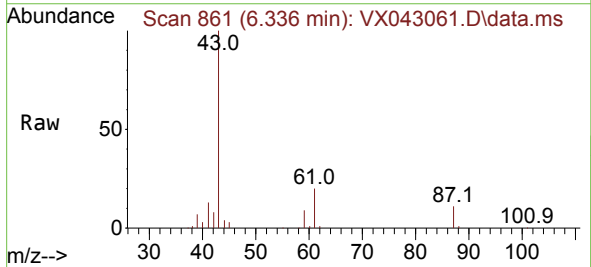
Instrument :  
MSVOA\_X  
ClientSampleId :

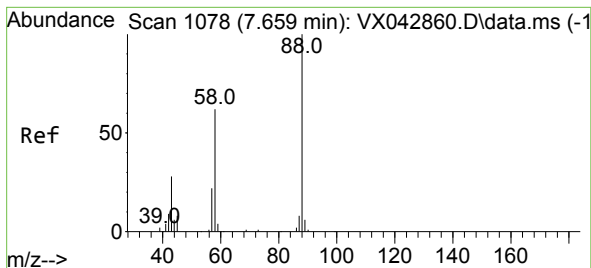
Tgt Ion: 43 Resp: 42065  
Ion Ratio Lower Upper  
43 100  
45 16.2 12.5 18.7



#44  
Isopropyl Acetate  
Concen: 18.467 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 43 Resp: 73743  
Ion Ratio Lower Upper  
43 100  
61 20.3 15.4 23.0





#45

1,4-Dioxane

Concen: 258.918 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :

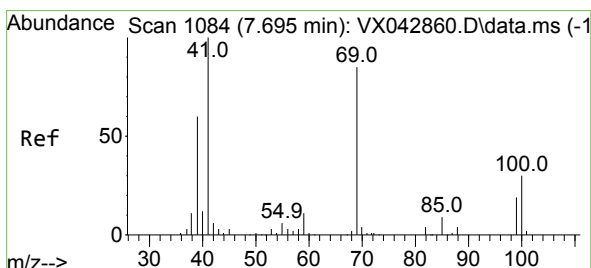
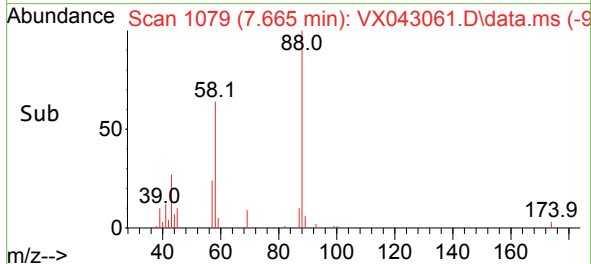
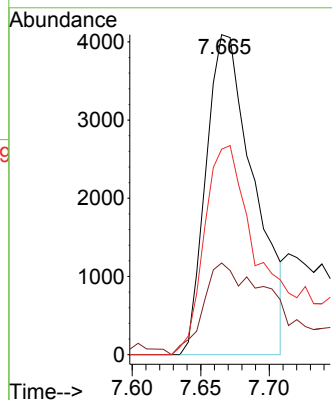
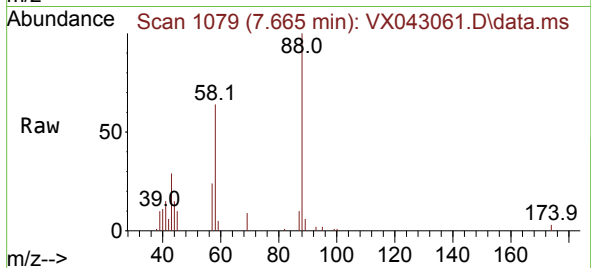
Tgt Ion: 88 Resp: 9981

Ion Ratio Lower Upper

88 100

43 27.0 25.8 38.6

58 57.1 55.5 83.3



#46

Methyl methacrylate

Concen: 18.288 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

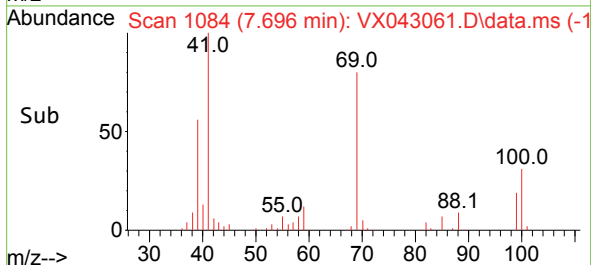
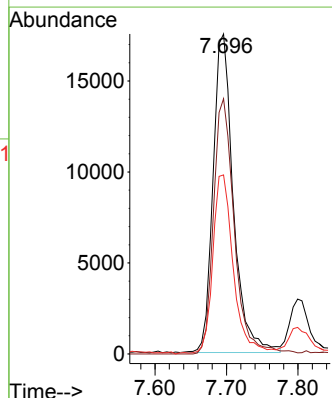
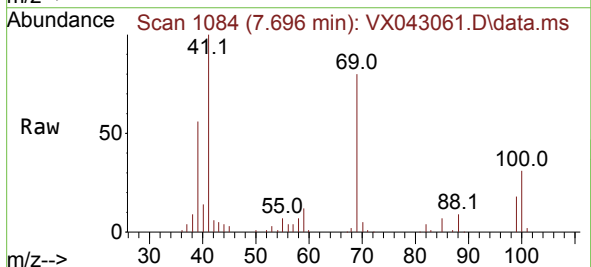
Tgt Ion: 41 Resp: 34497

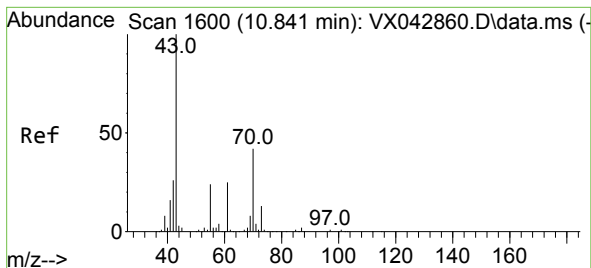
Ion Ratio Lower Upper

41 100

69 80.1 42.4 127.1

39 55.9 29.9 89.7





#47

n-amyl acetate

Concen: 17.772 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

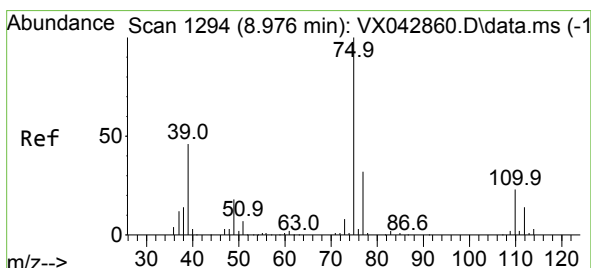
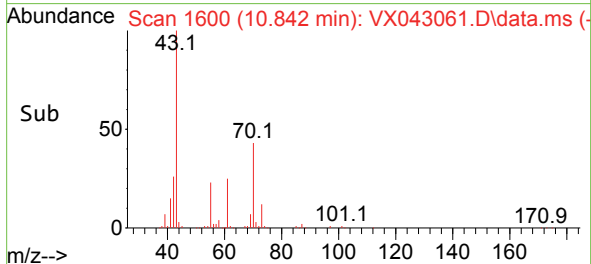
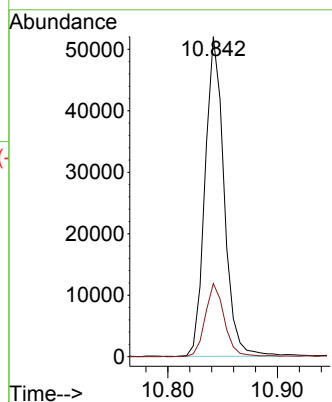
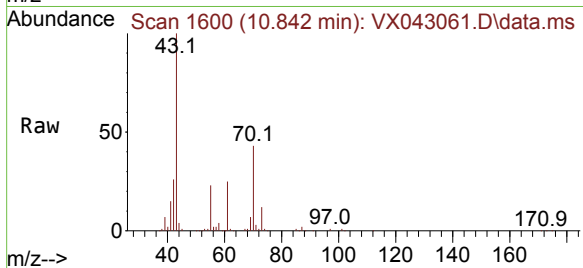
ClientSampleId :

Tgt Ion: 43 Resp: 62659

Ion Ratio Lower Upper

43 100

55 22.9 19.6 29.4



#48

t-1,3-Dichloropropene

Concen: 18.140 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX043061.D

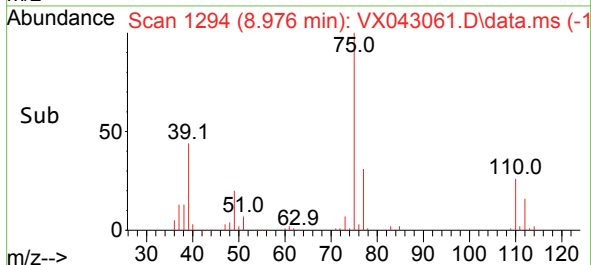
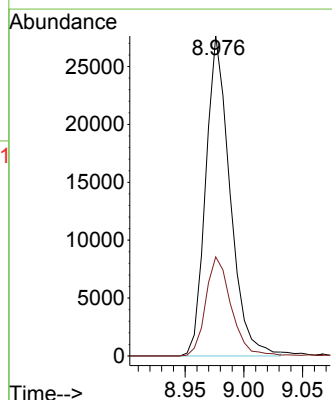
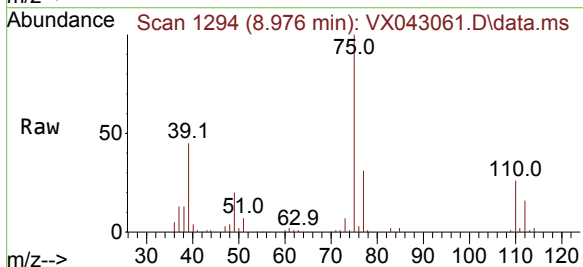
Acq: 16 Aug 2024 08:20

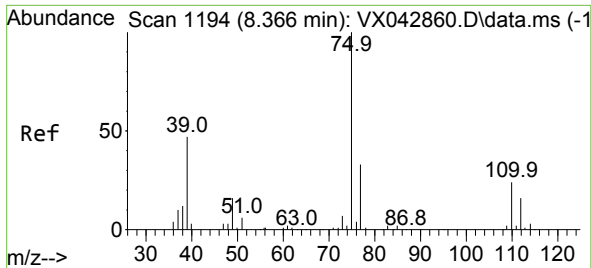
Tgt Ion: 75 Resp: 39742

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 18.957 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :

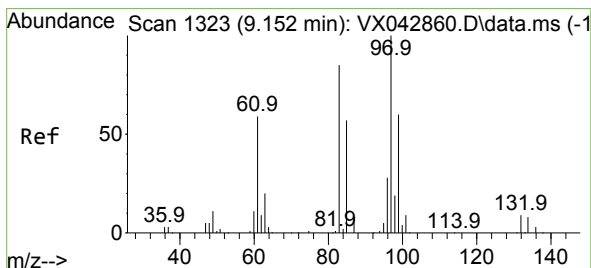
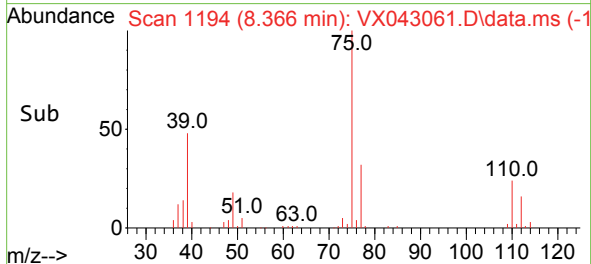
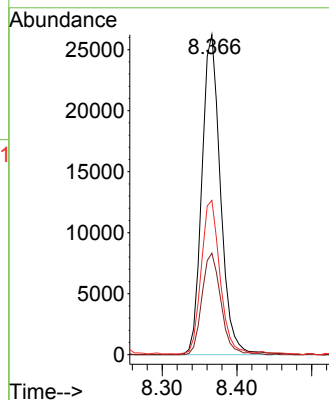
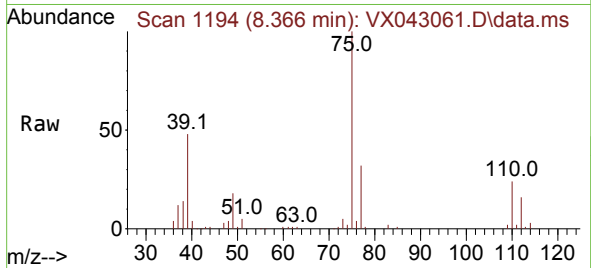
Tgt Ion: 75 Resp: 45325

Ion Ratio Lower Upper

75 100

77 31.7 26.8 40.2

39 47.9 37.5 56.3



#50

1,1,2-Trichloroethane

Concen: 20.225 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Tgt Ion: 97 Resp: 27566

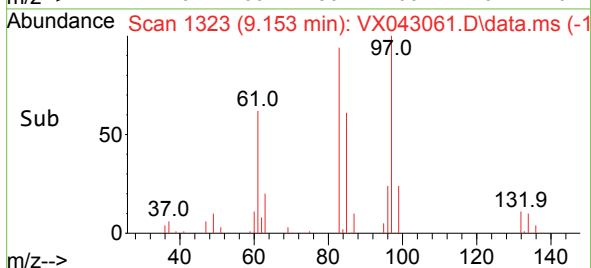
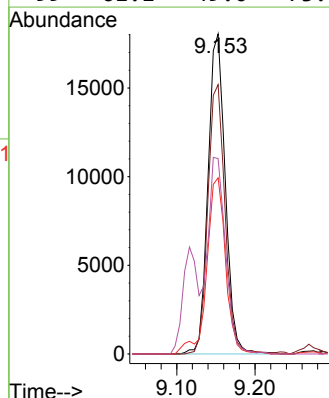
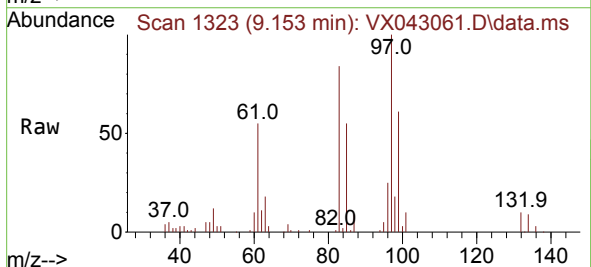
Ion Ratio Lower Upper

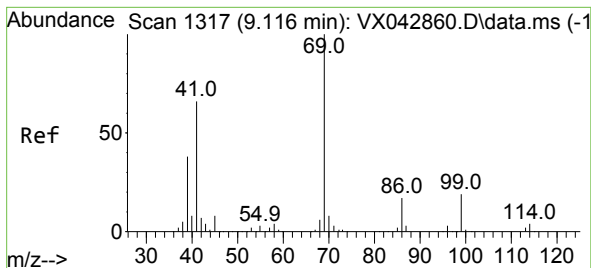
97 100

83 84.1 68.2 102.2

85 55.0 45.4 68.0

99 61.1 49.0 73.4





#51

Ethyl methacrylate

Concen: 18.206 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :

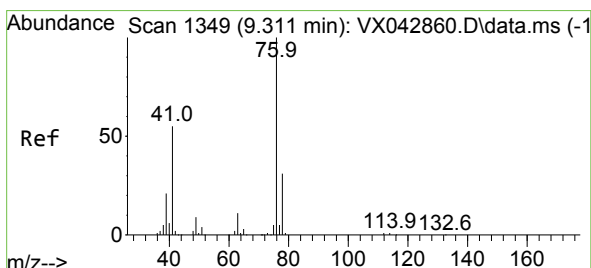
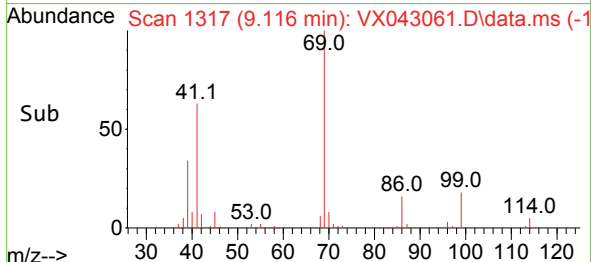
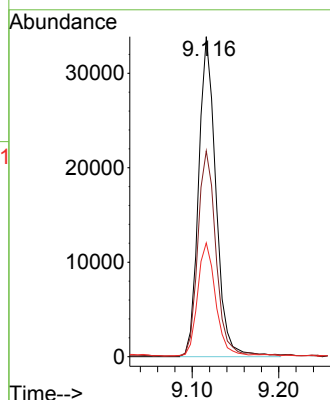
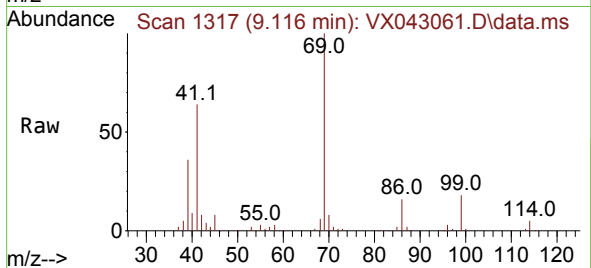
Tgt Ion: 69 Resp: 47125

Ion Ratio Lower Upper

69 100

41 64.0 33.1 99.2

39 35.2 18.8 56.3



#52

1,3-Dichloropropane

Concen: 19.574 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.000 min

Lab File: VX043061.D

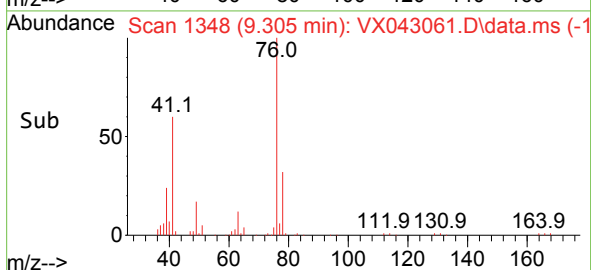
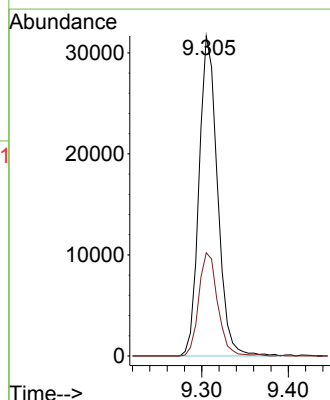
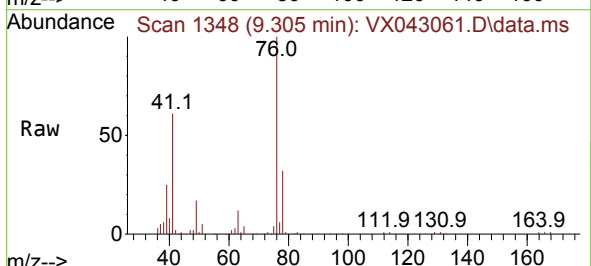
Acq: 16 Aug 2024 08:20

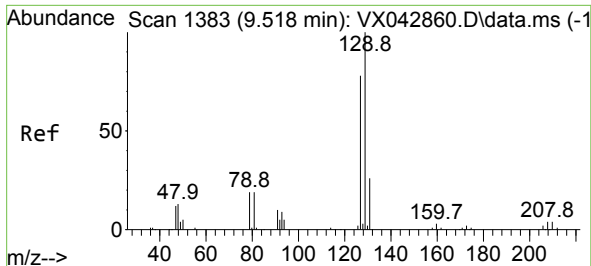
Tgt Ion: 76 Resp: 46810

Ion Ratio Lower Upper

76 100

78 33.0 0.0 64.8

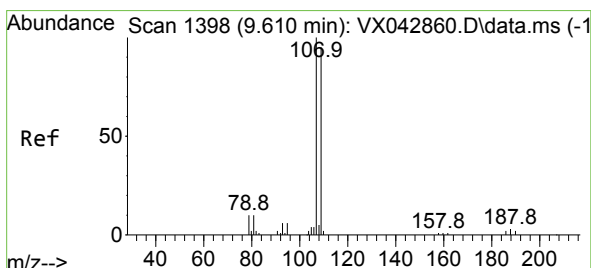
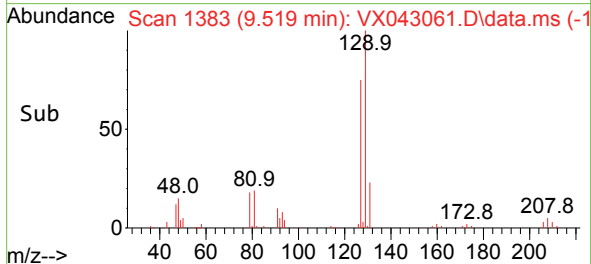
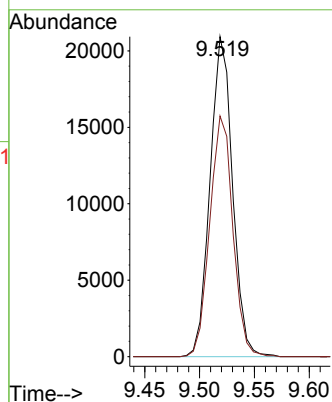
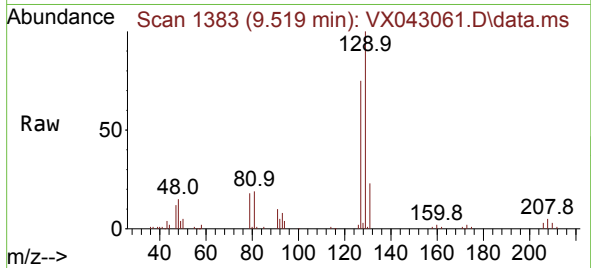




#53  
Dibromochloromethane  
Concen: 20.201 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

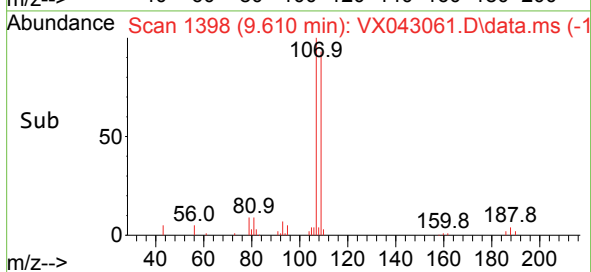
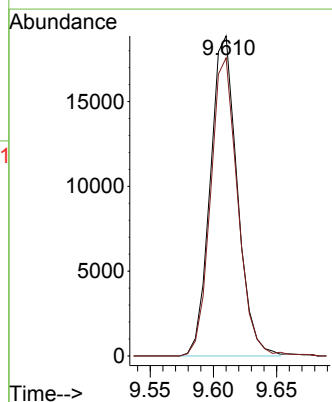
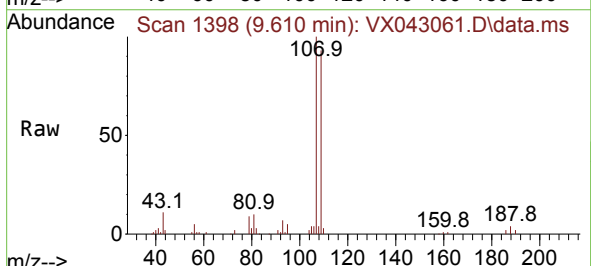
Instrument :  
MSVOA\_X  
ClientSampleId :

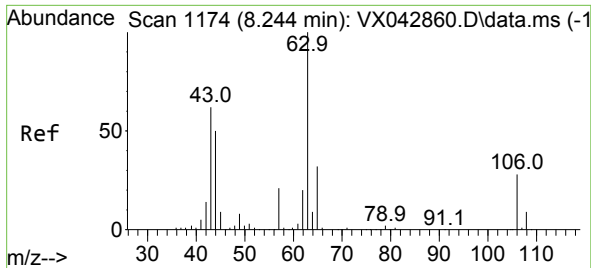
Tgt Ion:129 Resp: 29903  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.5 115.3



#54  
1,2-Dibromoethane  
Concen: 19.824 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion:107 Resp: 28043  
Ion Ratio Lower Upper  
107 100  
109 92.6 74.2 111.4

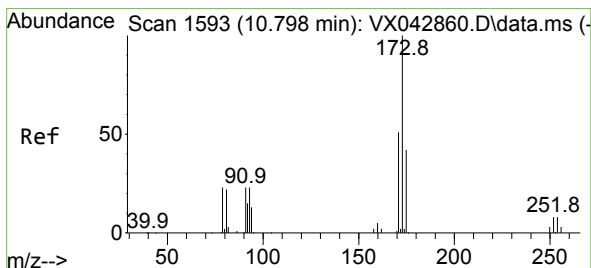
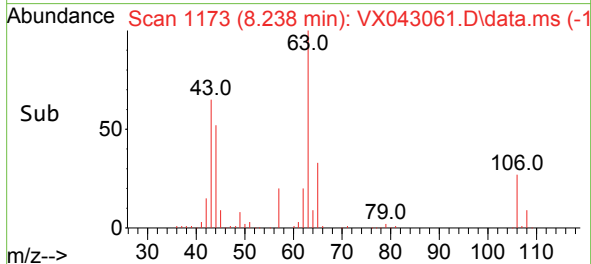
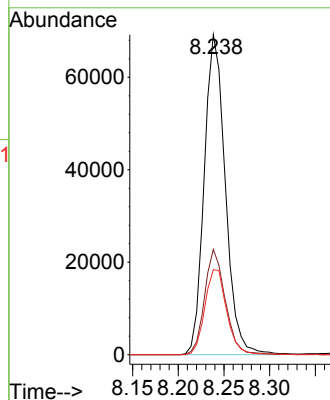
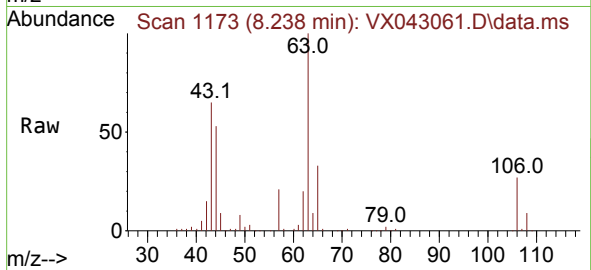




#55  
2-Chloroethyl vinyl ether  
Concen: 93.717 ug/l  
RT: 8.238 min Scan# 11139  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

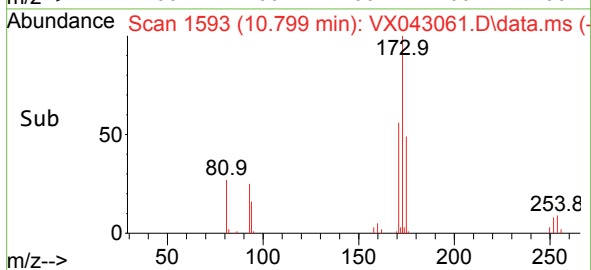
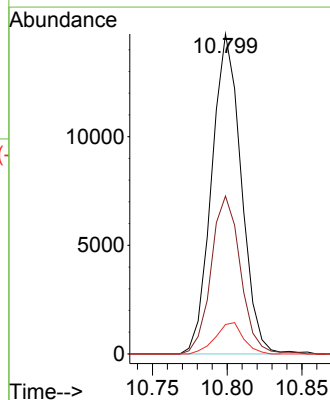
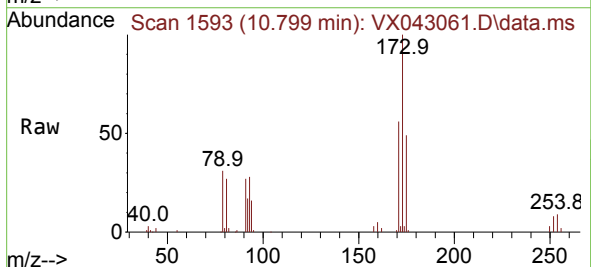
Instrument :  
MSVOA\_X  
ClientSampleId :

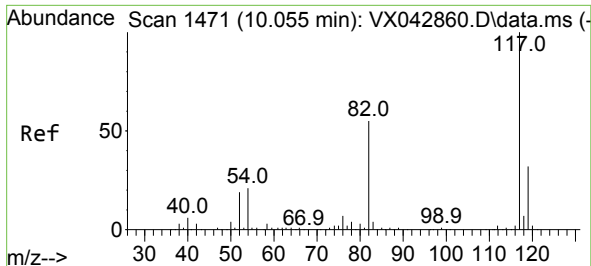
Tgt Ion: 63 Resp: 111139  
Ion Ratio Lower Upper  
63 100  
65 32.1 26.3 39.5  
106 27.4 21.8 32.6



#56  
Bromoform  
Concen: 19.520 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion:173 Resp: 20187  
Ion Ratio Lower Upper  
173 100  
175 49.2 37.1 55.7  
254 9.3 6.6 10.0

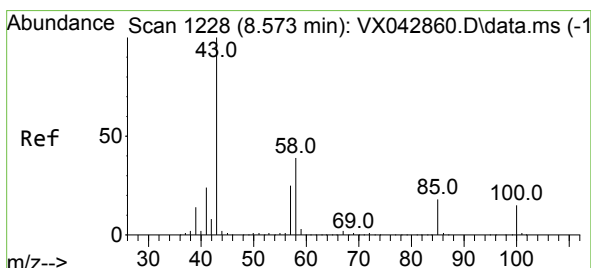
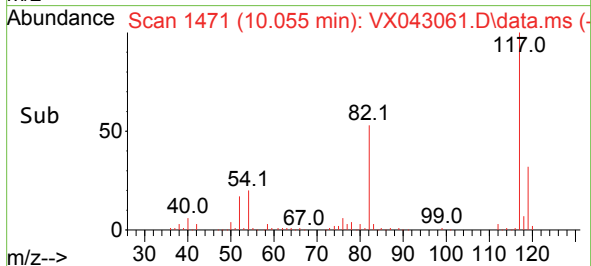
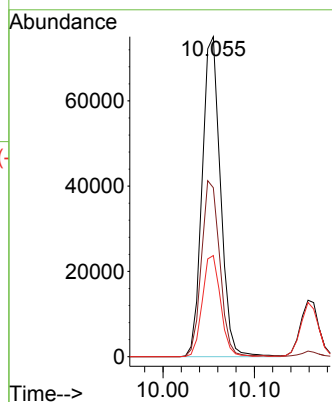
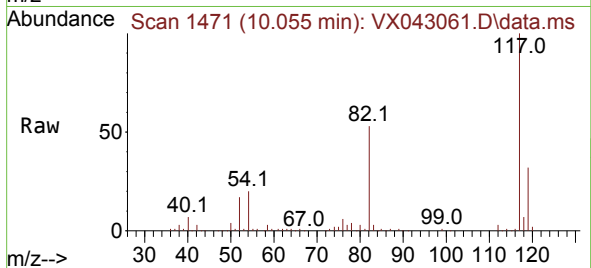




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

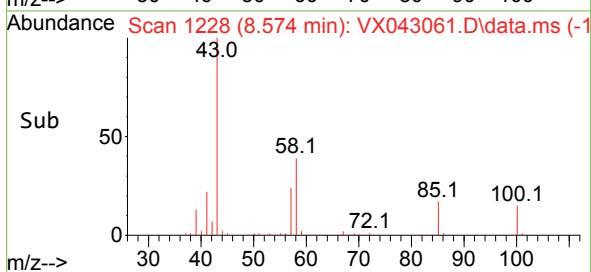
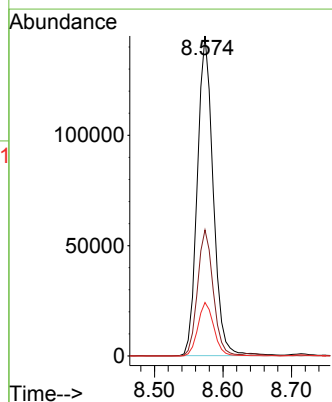
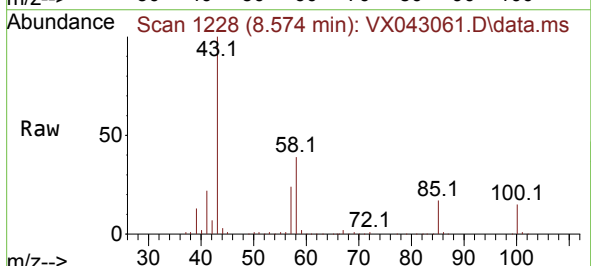
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:117 Resp: 104468  
Ion Ratio Lower Upper  
117 100  
82 55.1 44.9 67.3  
119 31.5 25.4 38.2

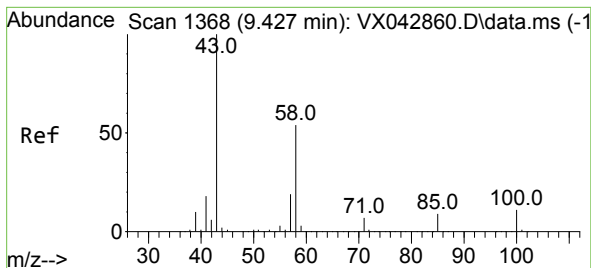


#58  
4-Methyl-2-Pentanone  
Concen: 96.743 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 43 Resp: 233718  
Ion Ratio Lower Upper  
43 100  
58 38.9 31.4 47.0  
85 16.9 14.6 21.8







#59

2-Hexanone

Concen: 96.243 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :

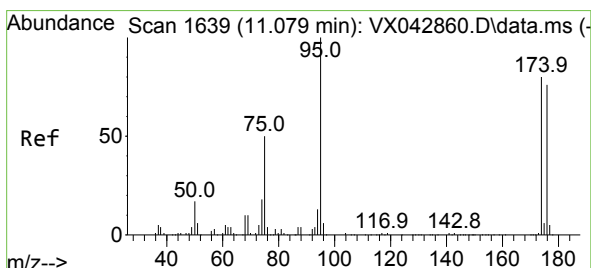
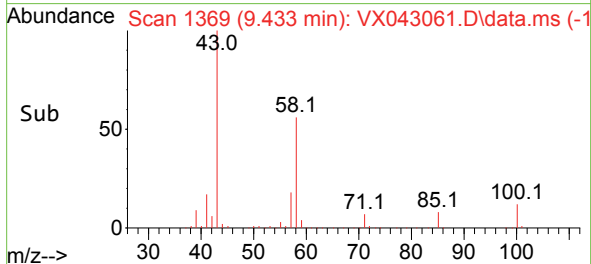
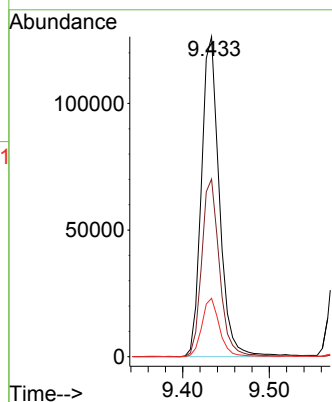
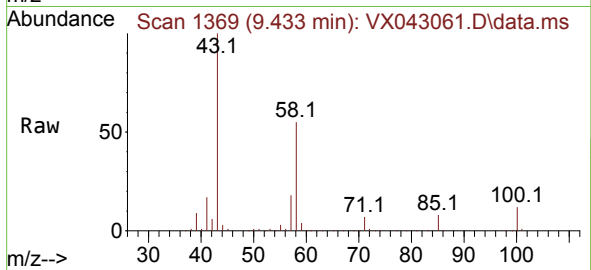
Tgt Ion: 43 Resp: 181530

Ion Ratio Lower Upper

43 100

58 55.2 43.5 65.3

57 18.0 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 27.239 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

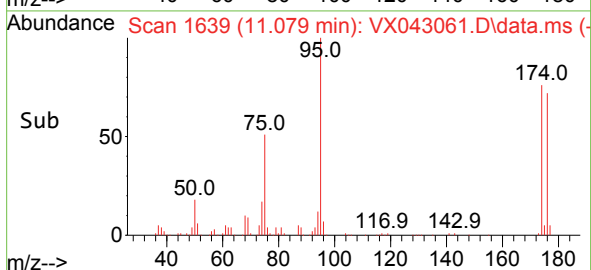
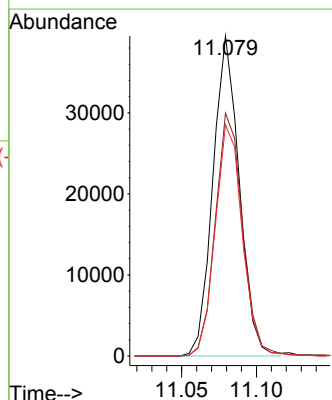
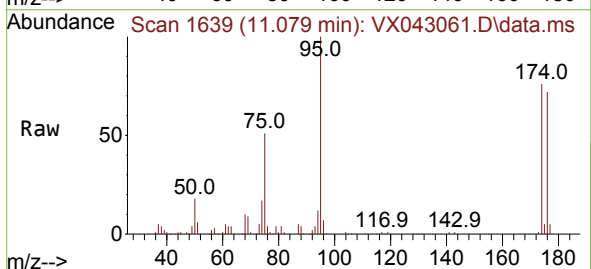
Tgt Ion: 95 Resp: 48308

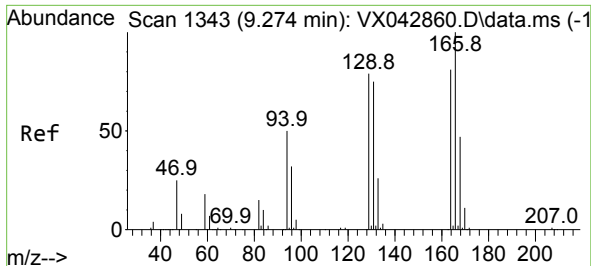
Ion Ratio Lower Upper

95 100

174 78.9 65.0 97.6

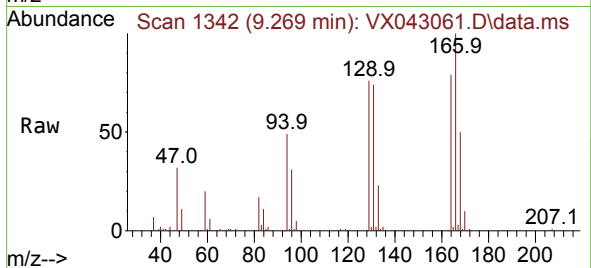
176 74.4 63.4 95.0



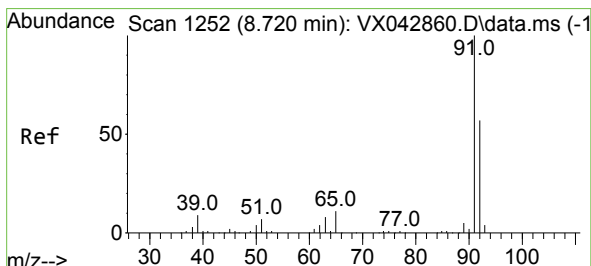
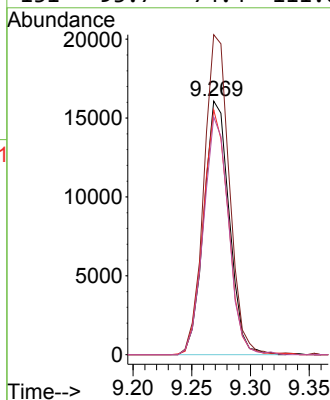
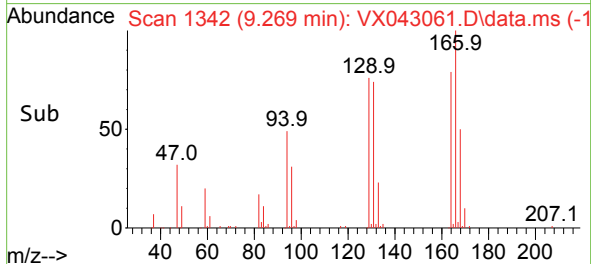


#61  
Tetrachloroethene  
Concen: 21.948 ug/l  
RT: 9.269 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Instrument :  
MSVOA\_X  
ClientSampleId :

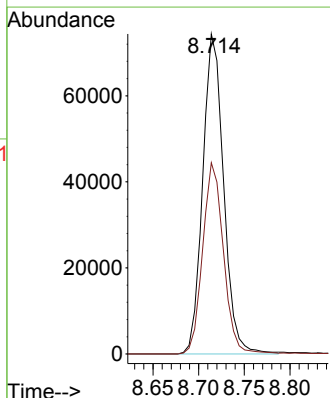
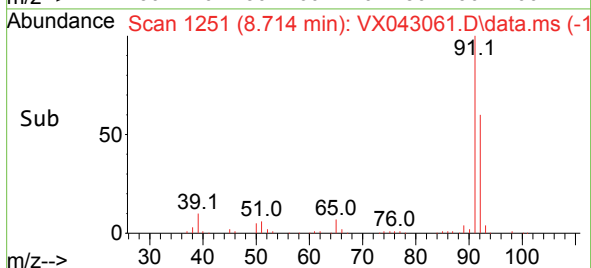
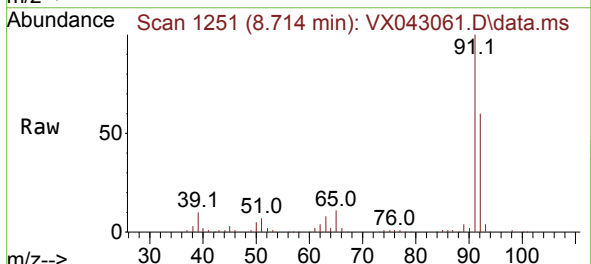


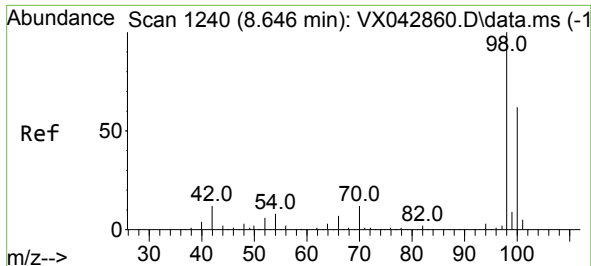
Tgt Ion:164 Resp: 24186  
Ion Ratio Lower Upper  
164 100  
166 126.2 98.6 147.8  
129 96.2 77.4 116.0  
131 93.7 74.4 111.6



#62  
Toluene  
Concen: 19.786 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 91 Resp: 118074  
Ion Ratio Lower Upper  
91 100  
92 59.7 45.7 68.5

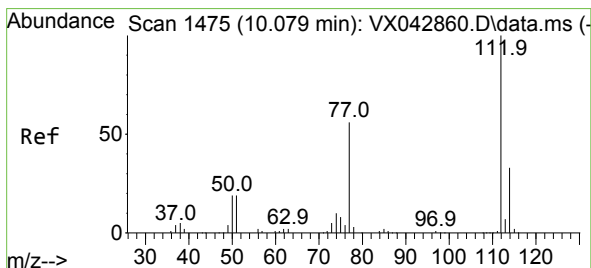
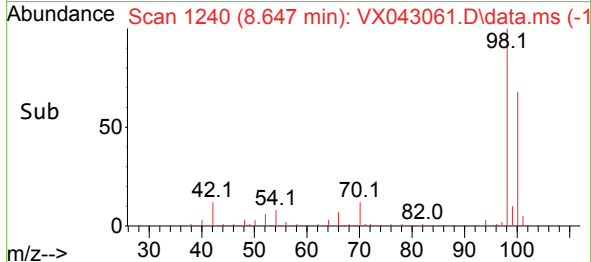
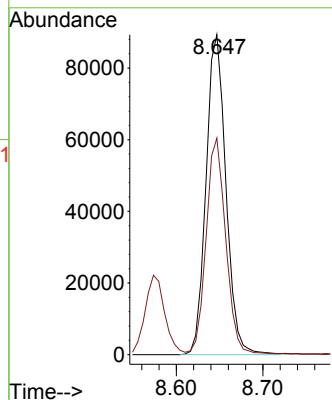
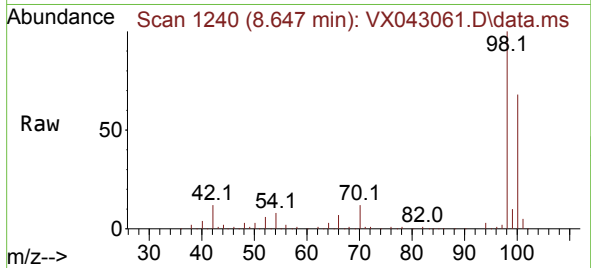




#63  
Toluene-d8  
Concen: 29.682 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

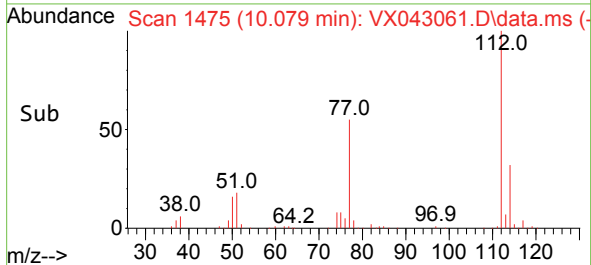
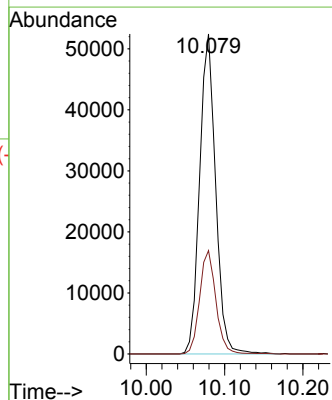
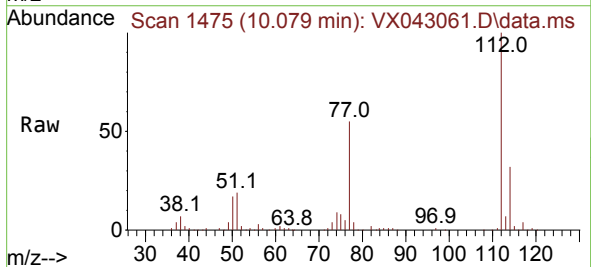
Instrument :  
MSVOA\_X  
ClientSampleId :

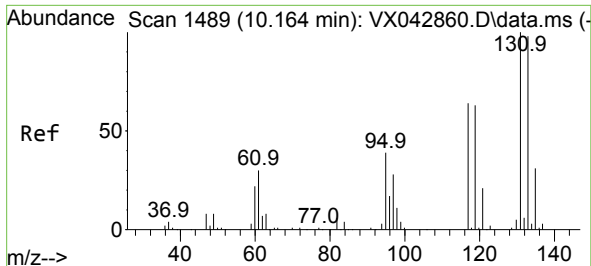
Tgt Ion: 98 Resp: 142442  
Ion Ratio Lower Upper  
98 100  
100 67.4 50.9 76.3



#64  
Chlorobenzene  
Concen: 20.340 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 112 Resp: 74435  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.3 39.5





#65

1,1,1,2-Tetrachloroethane

Concen: 20.643 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX043061.D

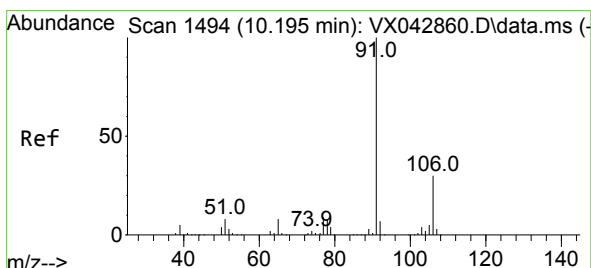
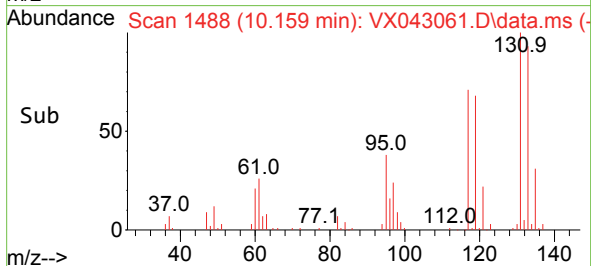
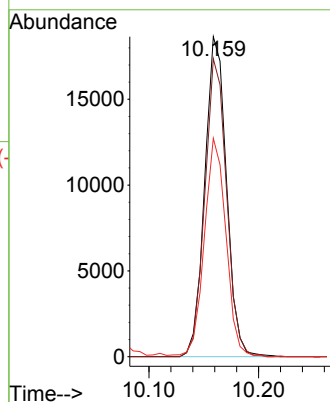
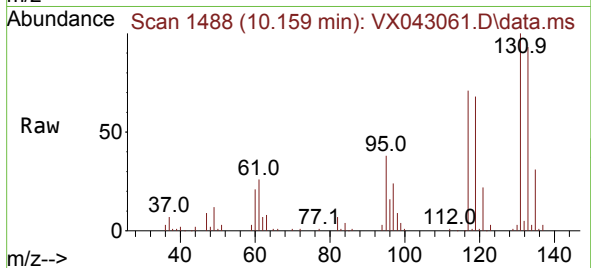
Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:131 | Resp: | 25657 |       |
| Ion         | Ratio | Lower | Upper |
| 131         | 100   |       |       |
| 133         | 93.1  | 0.0   | 188.2 |
| 119         | 68.0  | 0.0   | 131.0 |



#66

Ethyl Benzene

Concen: 19.984 ug/l

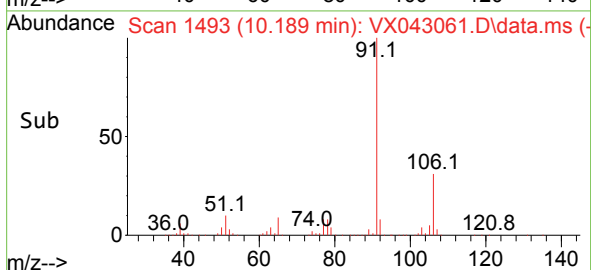
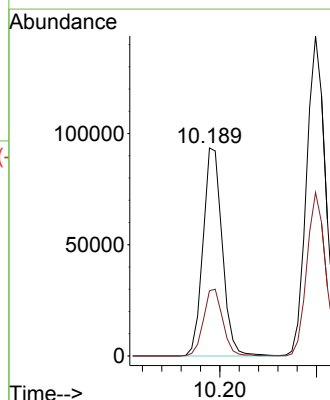
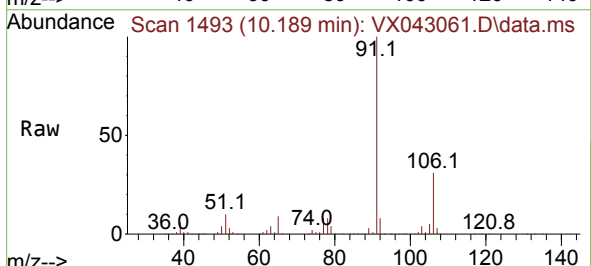
RT: 10.189 min Scan# 1493

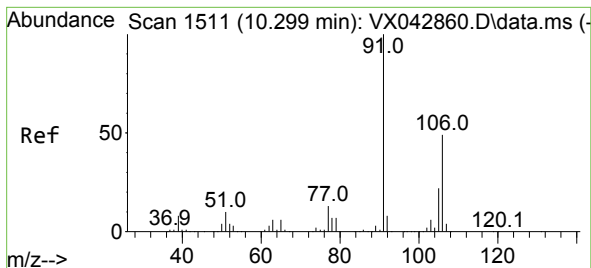
Delta R.T. -0.006 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion: 91 | Resp: | 129597 |       |
| Ion         | Ratio | Lower  | Upper |
| 91          | 100   |        |       |
| 106         | 31.3  | 23.8   | 35.8  |

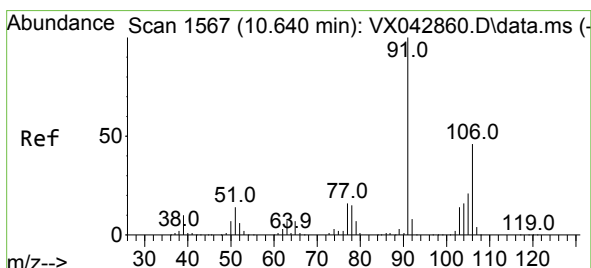
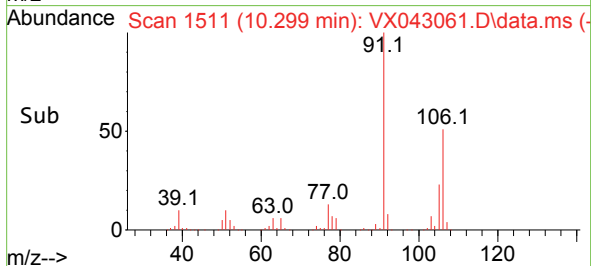
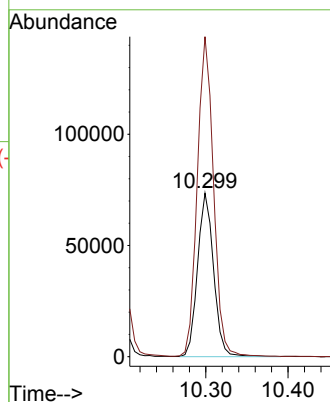
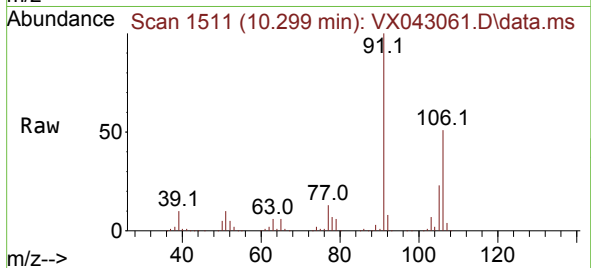




#67  
m/p-Xylenes  
Concen: 41.120 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

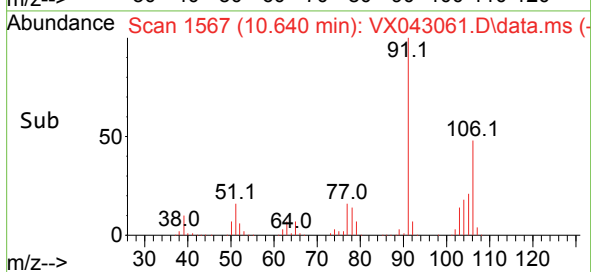
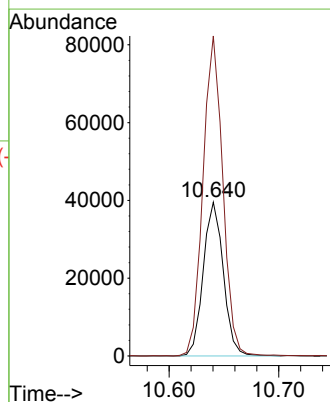
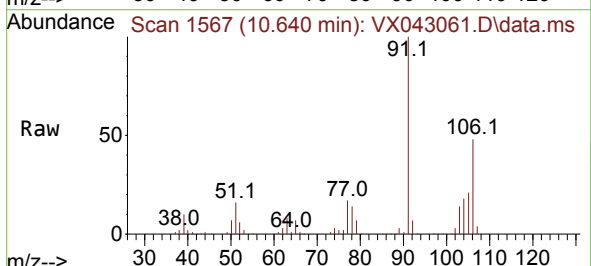
Instrument :  
MSVOA\_X  
ClientSampleId :

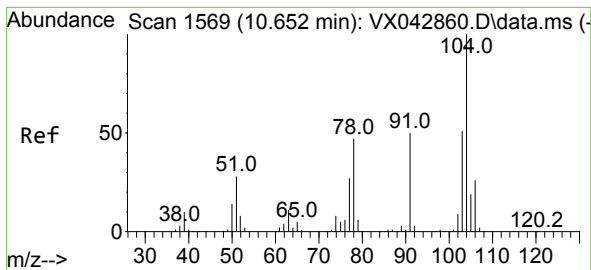
Tgt Ion:106 Resp: 99727  
Ion Ratio Lower Upper  
106 100  
91 197.7 165.3 247.9



#68  
o-Xylene  
Concen: 20.480 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion:106 Resp: 50240  
Ion Ratio Lower Upper  
106 100  
91 205.2 107.5 322.4





#69

Styrene

Concen: 20.121 ug/l

RT: 10.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :

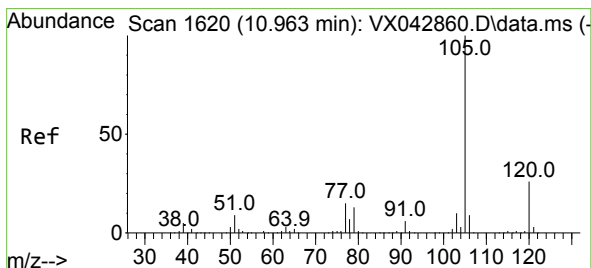
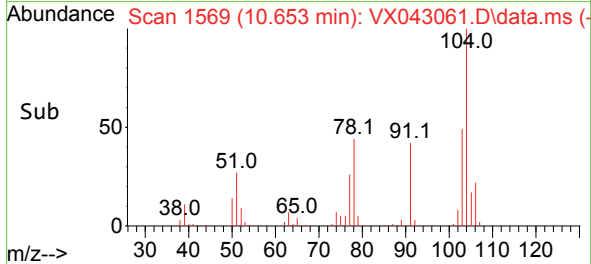
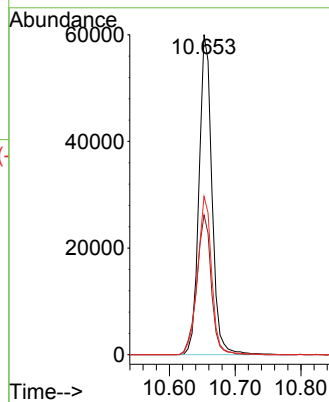
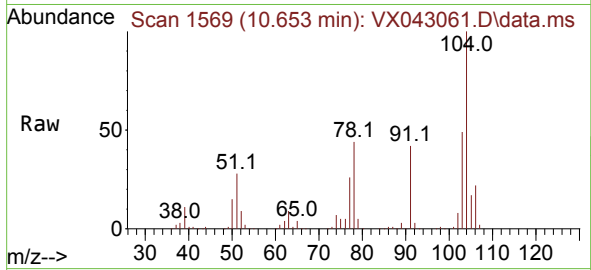
Tgt Ion:104 Resp: 82254

Ion Ratio Lower Upper

104 100

78 48.6 41.1 61.7

103 53.9 44.2 66.2



#70

Isopropylbenzene

Concen: 20.394 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX043061.D

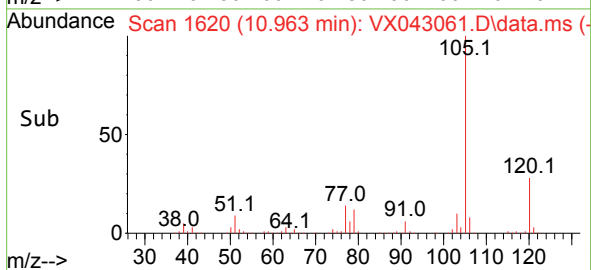
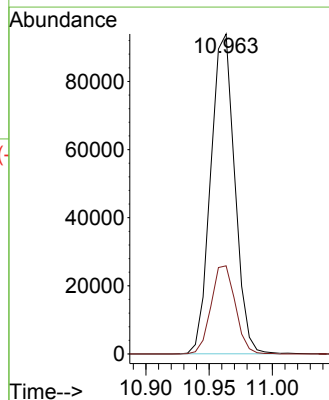
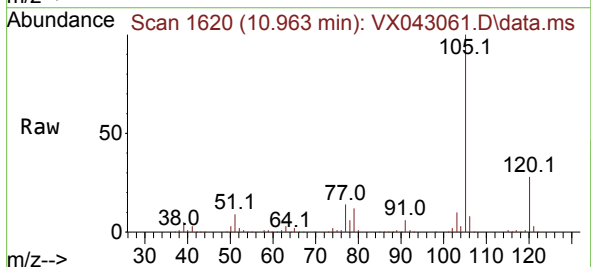
Acq: 16 Aug 2024 08:20

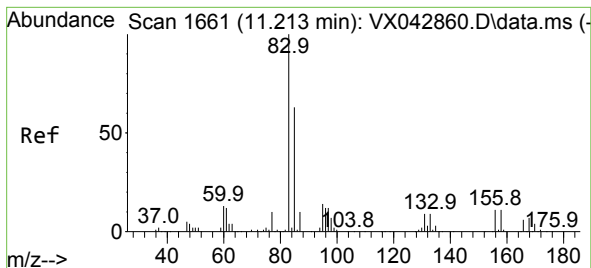
Tgt Ion:105 Resp: 124107

Ion Ratio Lower Upper

105 100

120 27.9 18.4 34.2

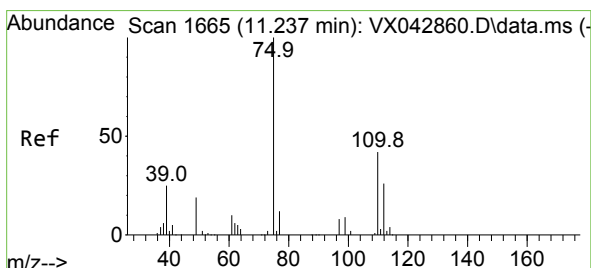
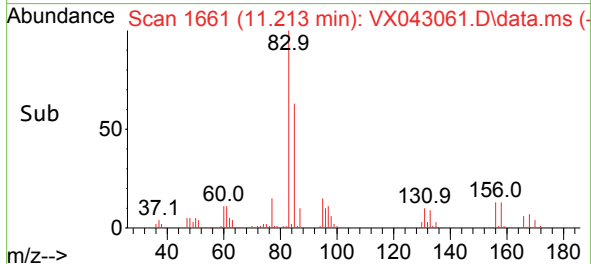
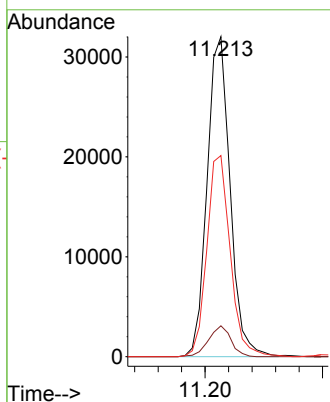
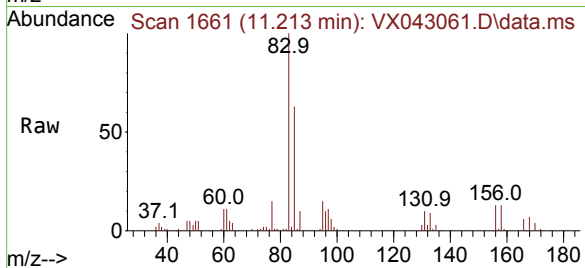




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.288 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: VX043061.D  
 Acq: 16 Aug 2024 08:20

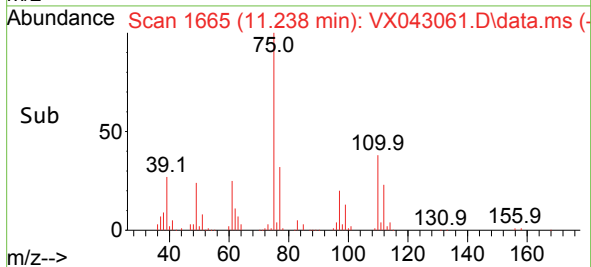
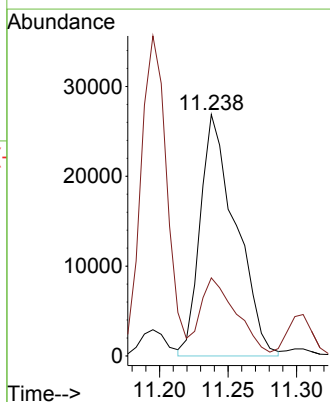
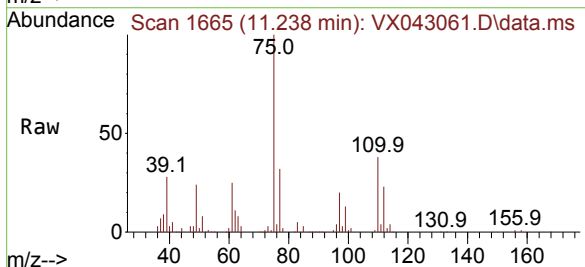
Instrument :  
 MSVOA\_X  
 ClientSampleId :

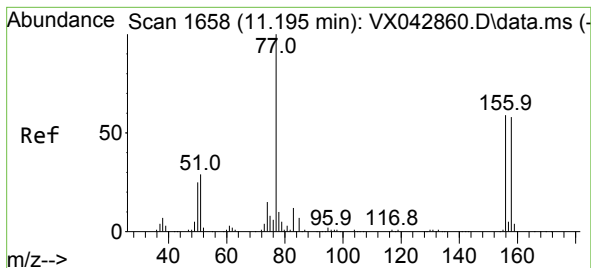
Tgt Ion: 83 Resp: 43489  
 Ion Ratio Lower Upper  
 83 100  
 131 9.4 4.9 14.7  
 85 64.0 32.0 96.2



#72  
 1,2,3-Trichloropropane  
 Concen: 25.203 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: VX043061.D  
 Acq: 16 Aug 2024 08:20

Tgt Ion: 75 Resp: 48634  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 0.0 89.6





#73

Bromobenzene

Concen: 21.378 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :

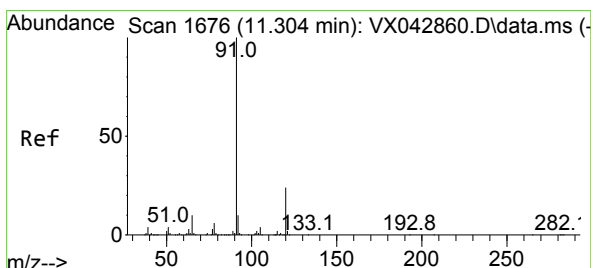
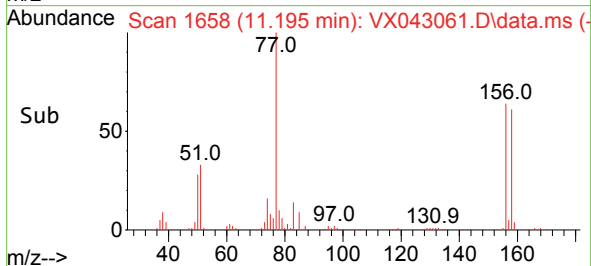
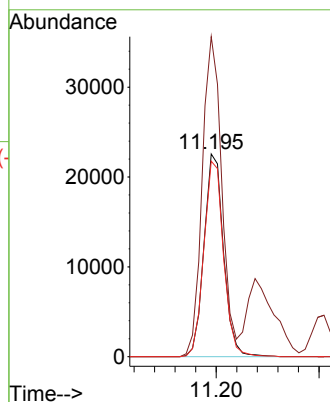
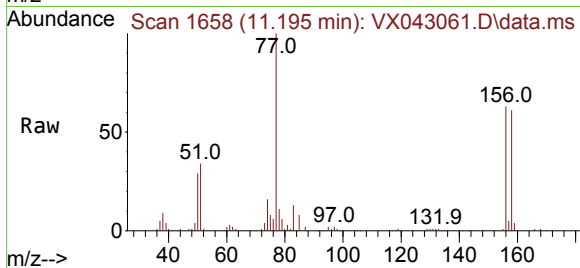
Tgt Ion:156 Resp: 29882

Ion Ratio Lower Upper

156 100

77 157.2 0.0 317.2

158 97.2 0.0 195.2



#74

n-propylbenzene

Concen: 20.139 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043061.D

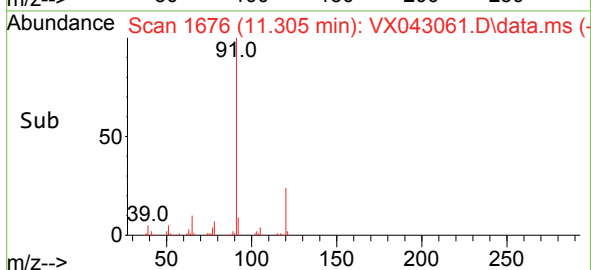
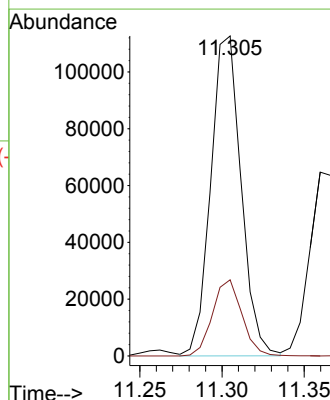
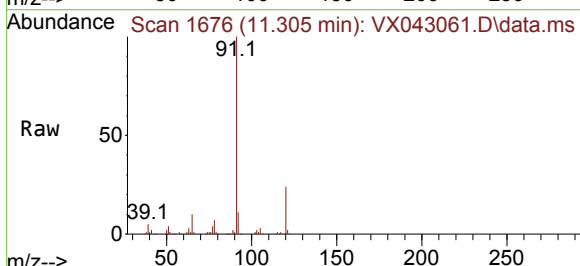
Acq: 16 Aug 2024 08:20

Tgt Ion: 91 Resp: 144634

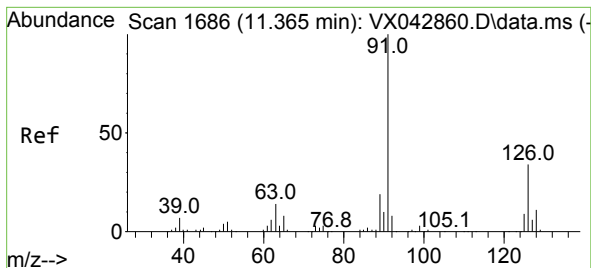
Ion Ratio Lower Upper

91 100

120 23.1 0.0 45.8



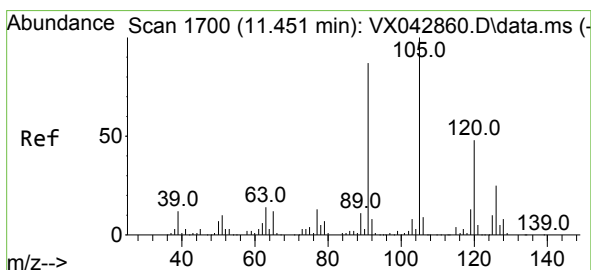
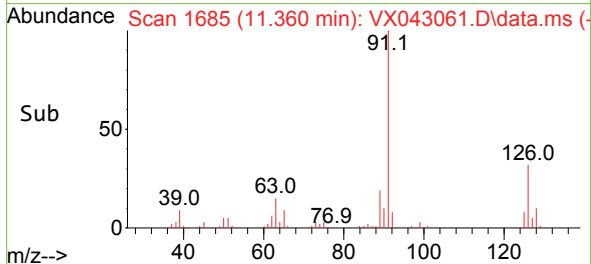
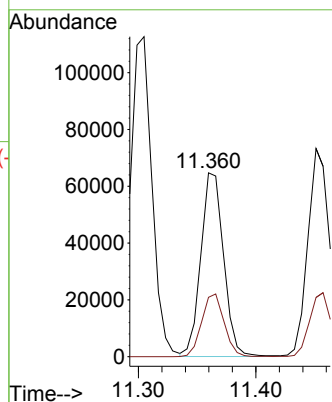
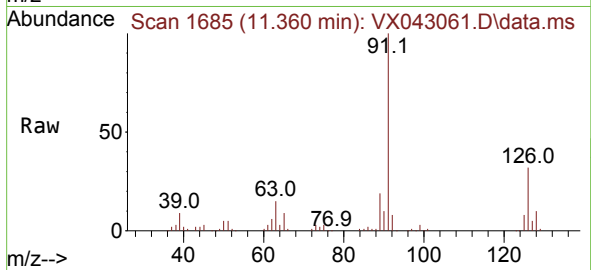




#75  
2-Chlorotoluene  
Concen: 19.698 ug/l  
RT: 11.360 min Scan# 1686  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

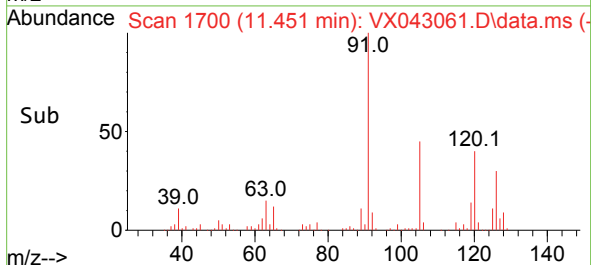
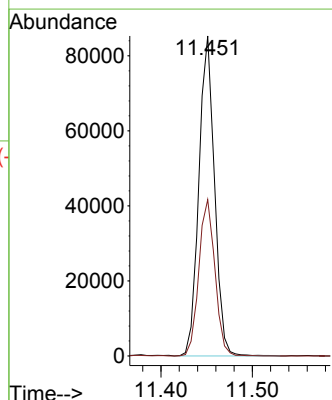
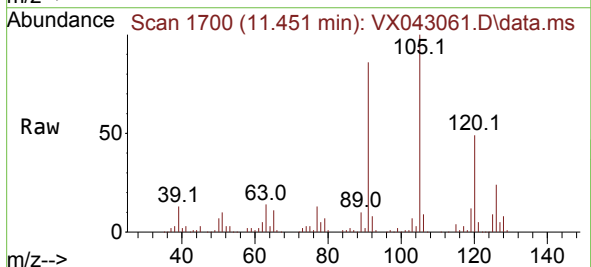
Instrument :  
MSVOA\_X  
ClientSampleId :

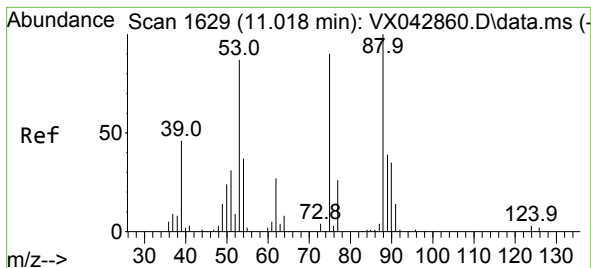
Tgt Ion: 91 Resp: 87506  
Ion Ratio Lower Upper  
91 100  
126 33.5 0.0 66.2



#76  
1,3,5-Trimethylbenzene  
Concen: 20.418 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 105 Resp: 101348  
Ion Ratio Lower Upper  
105 100  
120 50.0 0.0 94.8

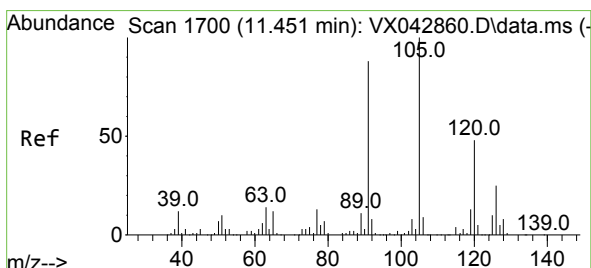
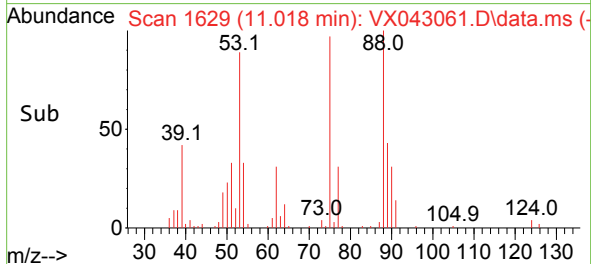
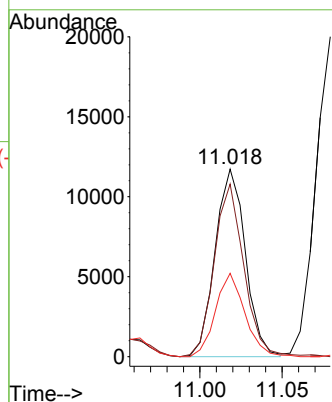
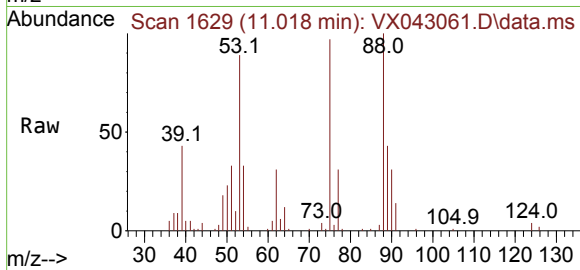




#77  
t-1,4-Dichloro-2-butene  
Concen: 16.682 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

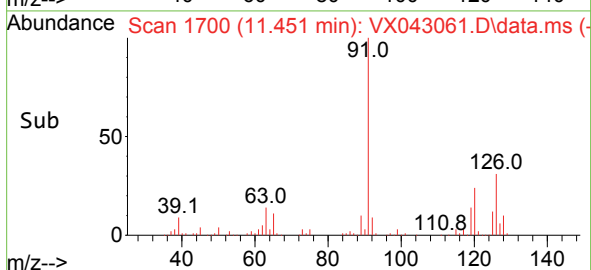
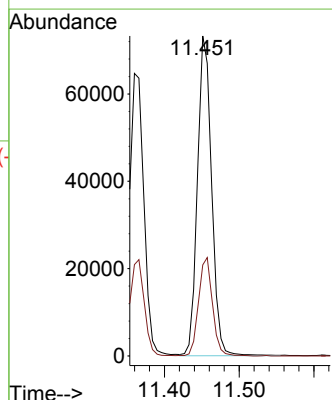
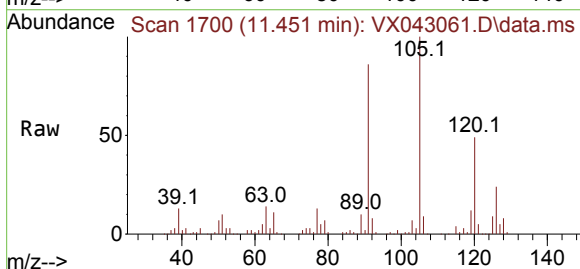
Instrument :  
MSVOA\_X  
ClientSampleId :

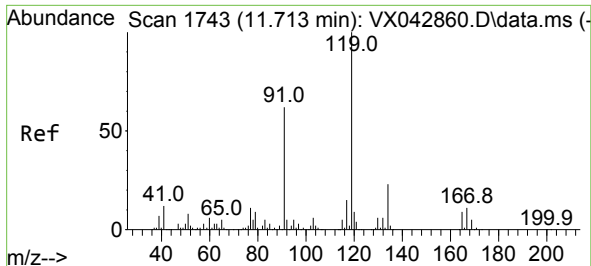
Tgt Ion: 75 Resp: 15028  
Ion Ratio Lower Upper  
75 100  
53 92.0 48.5 145.5  
89 44.5 21.9 65.5



#78  
4-Chlorotoluene  
Concen: 19.956 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 91 Resp: 96252  
Ion Ratio Lower Upper  
91 100  
126 29.8 0.0 59.4

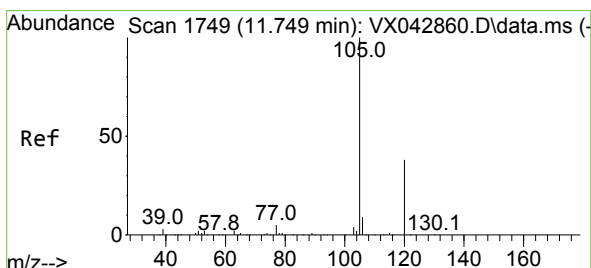
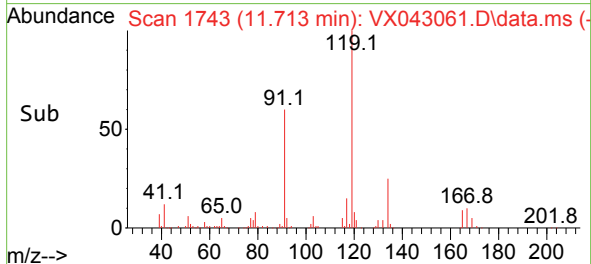
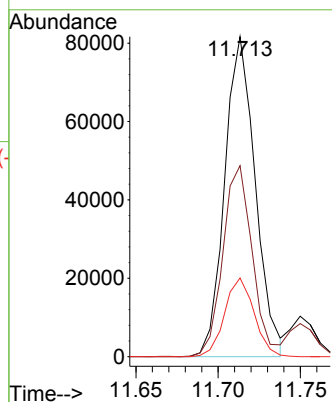
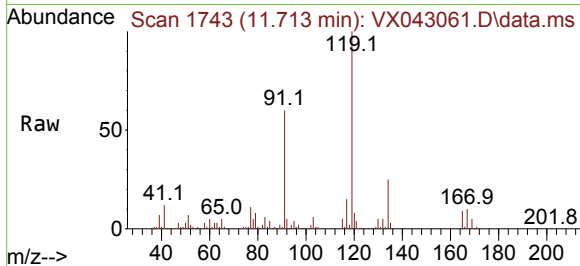




#79  
tert-butylbenzene  
Concen: 20.914 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

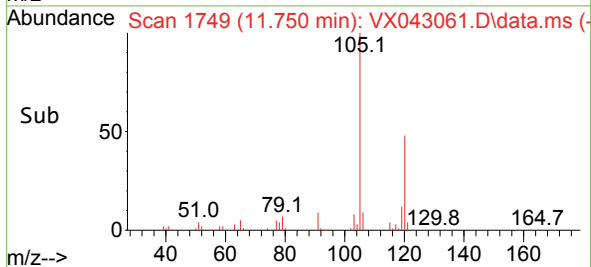
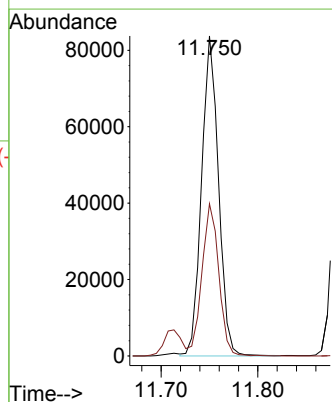
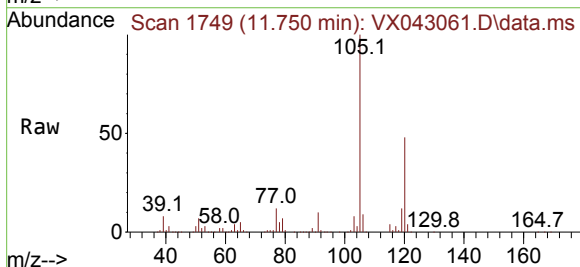
Instrument :  
MSVOA\_X  
ClientSampleId :

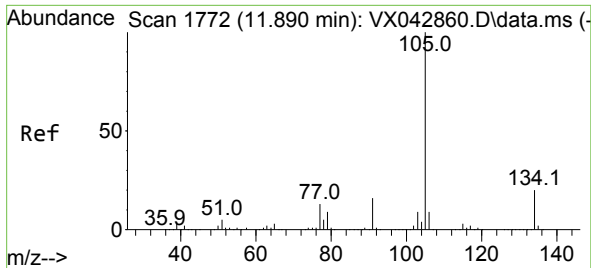
Tgt Ion:119 Resp: 105730  
Ion Ratio Lower Upper  
119 100  
91 57.6 0.0 118.6  
134 23.7 0.0 44.4



#80  
1,2,4-Trimethylbenzene  
Concen: 20.190 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion:105 Resp: 102168  
Ion Ratio Lower Upper  
105 100  
120 47.5 0.0 87.8

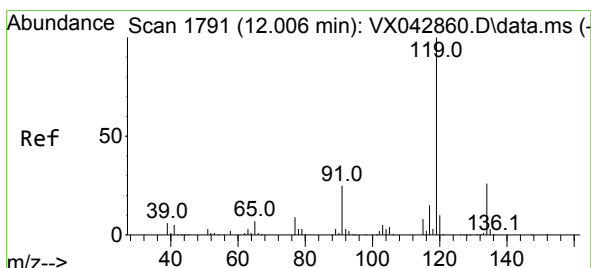
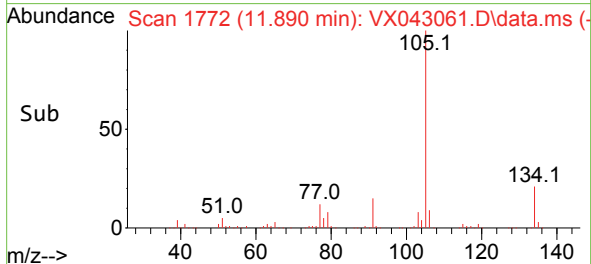
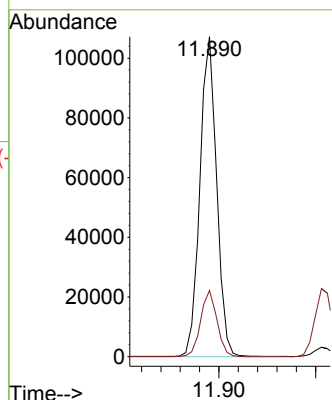
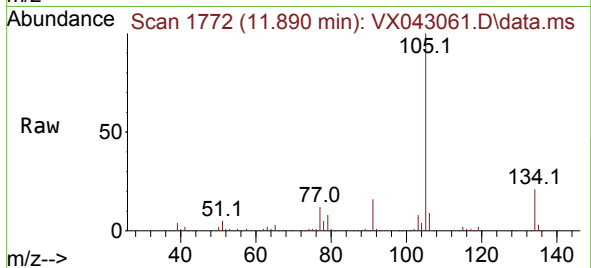




#81  
 sec-Butylbenzene  
 Concen: 20.221 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX043061.D  
 Acq: 16 Aug 2024 08:20

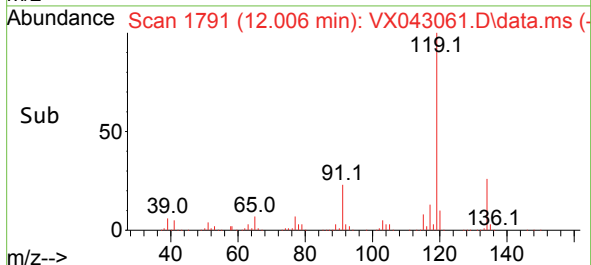
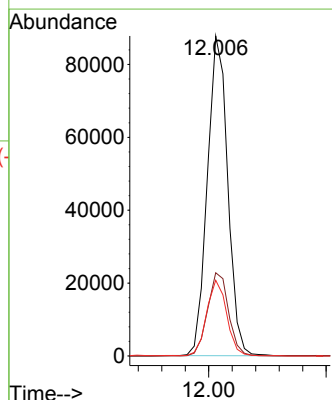
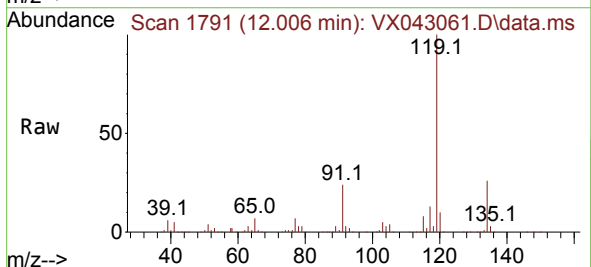
Instrument :  
 MSVOA\_X  
 ClientSampleId :

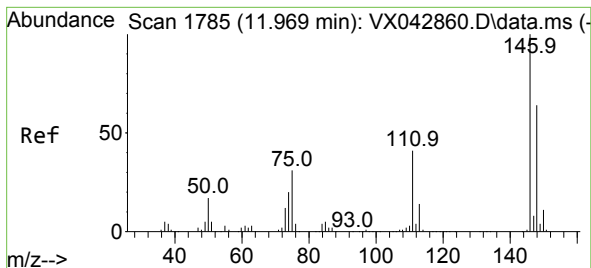
Tgt Ion:105 Resp: 129134  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 0.0 40.0



#82  
 p-Isopropyltoluene  
 Concen: 20.434 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX043061.D  
 Acq: 16 Aug 2024 08:20

Tgt Ion:119 Resp: 105596  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 0.0 51.8  
 91 23.4 0.0 48.4





#83

1,3-Dichlorobenzene

Concen: 20.707 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :

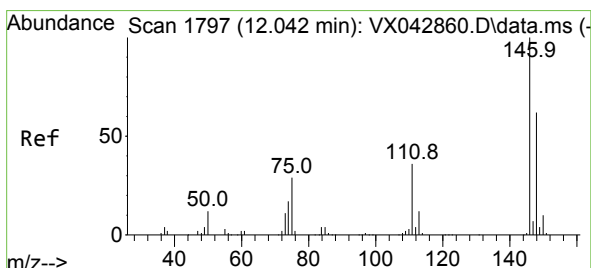
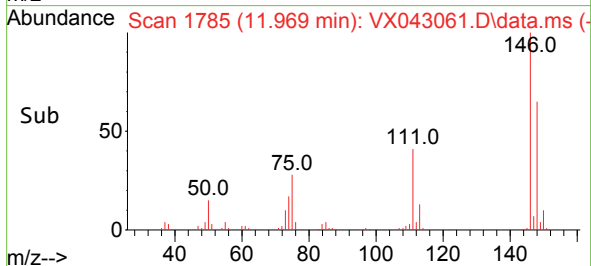
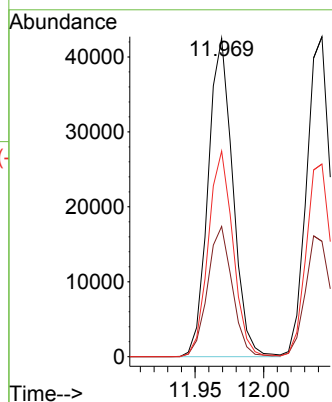
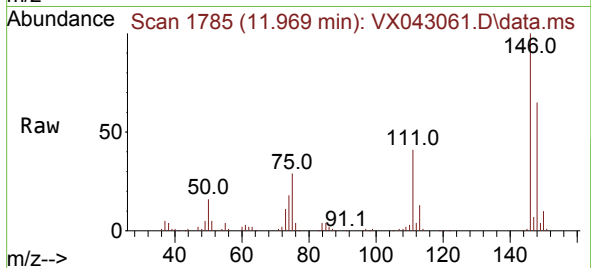
Tgt Ion:146 Resp: 53329

Ion Ratio Lower Upper

146 100

111 40.9 20.3 61.0

148 64.5 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 20.763 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

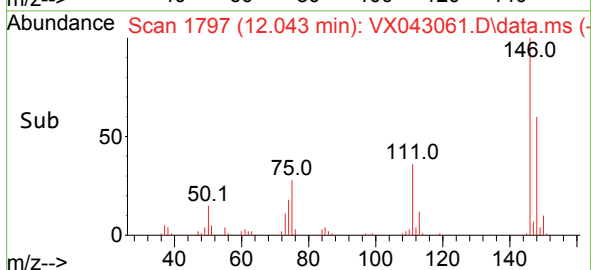
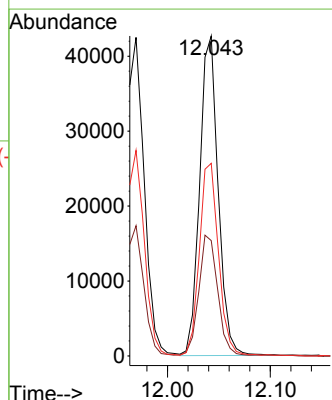
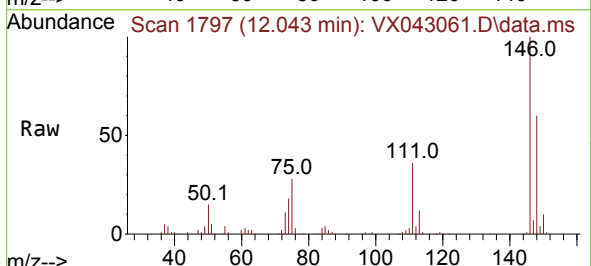
Tgt Ion:146 Resp: 53545

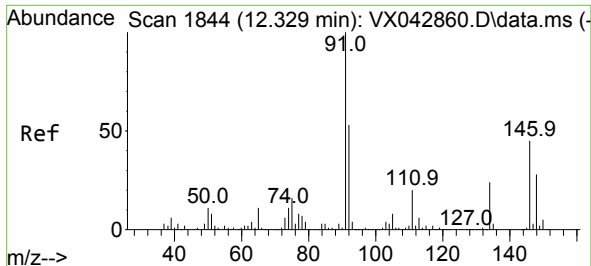
Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.4

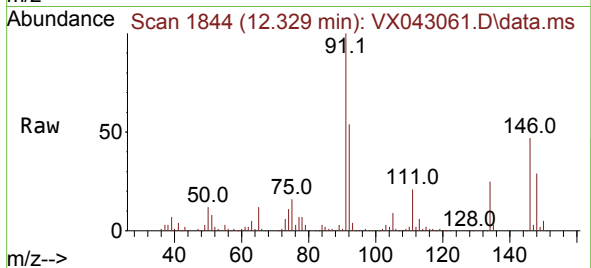
148 62.4 31.4 94.2



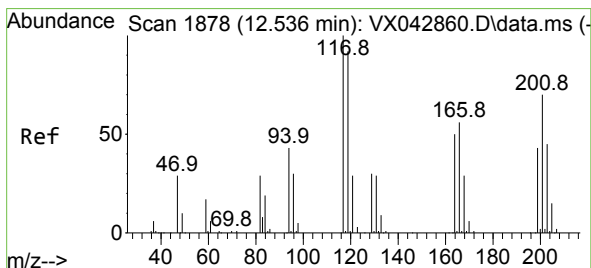
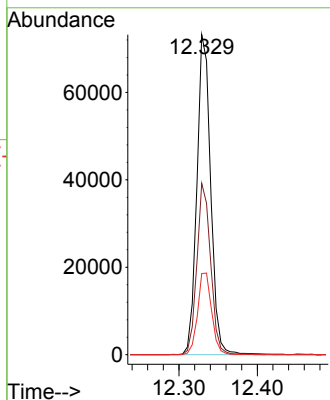
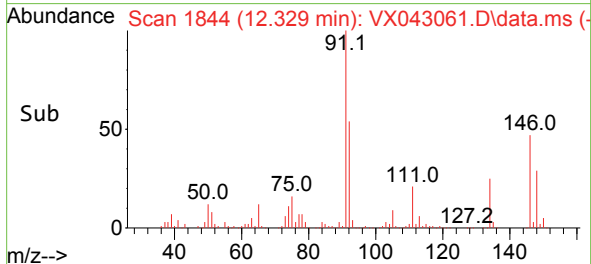


#85  
n-Butylbenzene  
Concen: 19.528 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Instrument :  
MSVOA\_X  
ClientSampleId :

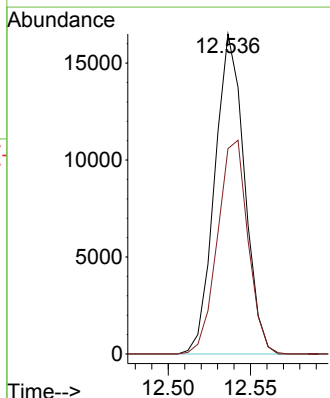
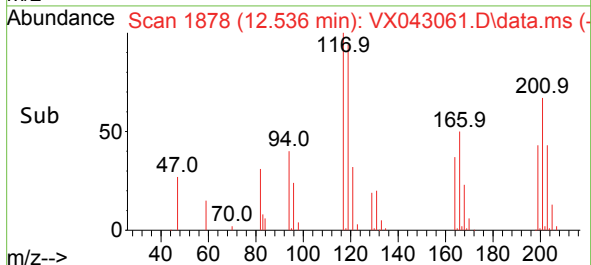
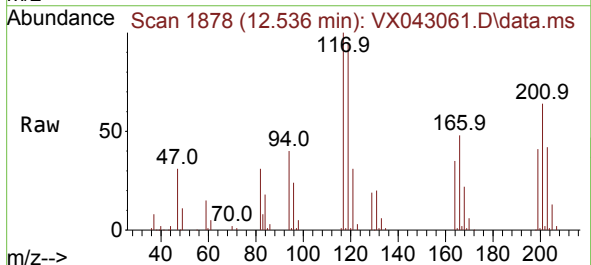


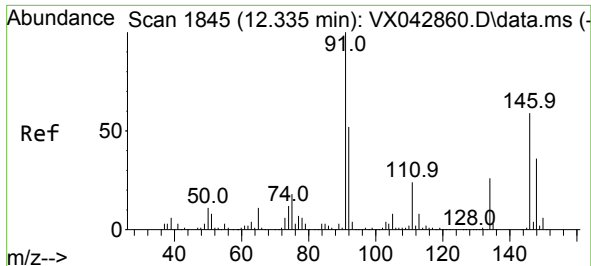
Tgt Ion: 91 Resp: 89849  
Ion Ratio Lower Upper  
91 100  
92 53.2 0.0 106.4  
134 26.0 0.0 50.6



#86  
Hexachloroethane  
Concen: 19.128 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

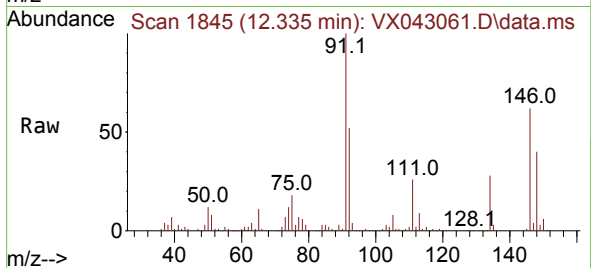
Tgt Ion: 117 Resp: 20674  
Ion Ratio Lower Upper  
117 100  
201 68.8 37.5 112.7



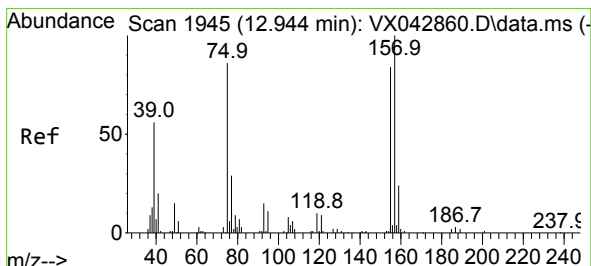
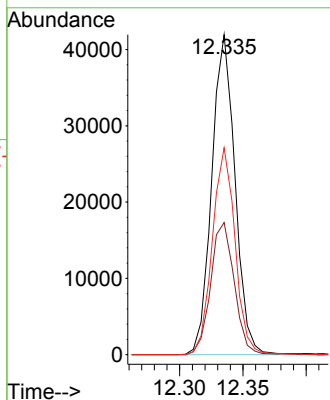
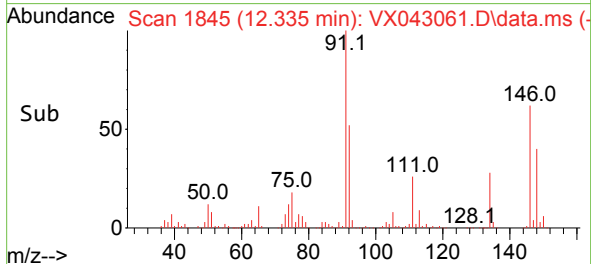


#87  
1,2-Dichlorobenzene  
Concen: 20.908 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Instrument :  
MSVOA\_X  
ClientSampleId :

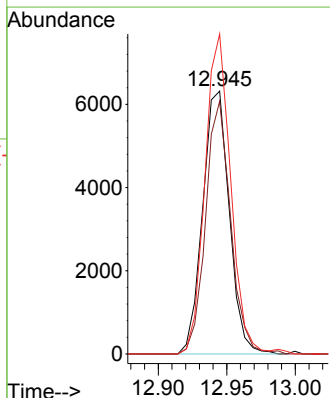
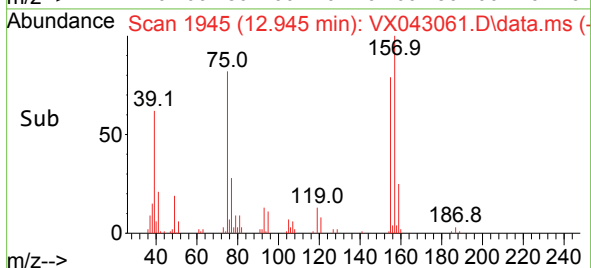
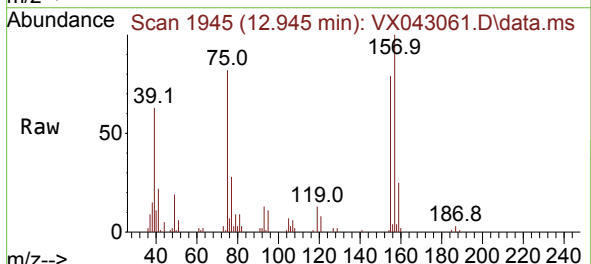


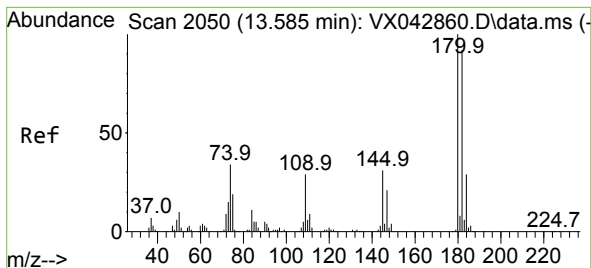
Tgt Ion:146 Resp: 53551  
Ion Ratio Lower Upper  
146 100  
111 41.9 21.0 63.0  
148 63.2 30.8 92.4



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 16.296 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX043061.D  
Acq: 16 Aug 2024 08:20

Tgt Ion: 75 Resp: 8541  
Ion Ratio Lower Upper  
75 100  
155 90.3 68.7 103.1  
157 117.1 86.7 130.1





#89

1,2,4-Trichlorobenzene

Concen: 19.863 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043061.D

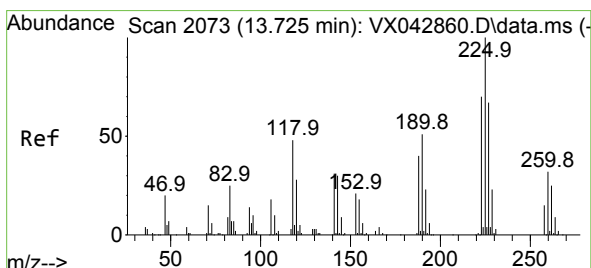
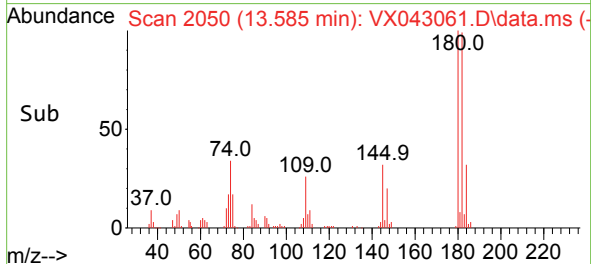
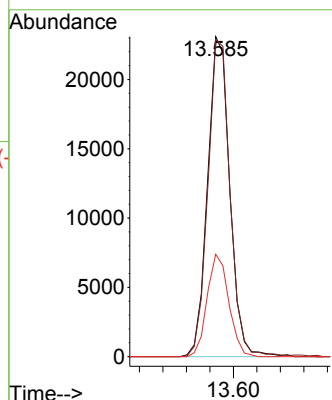
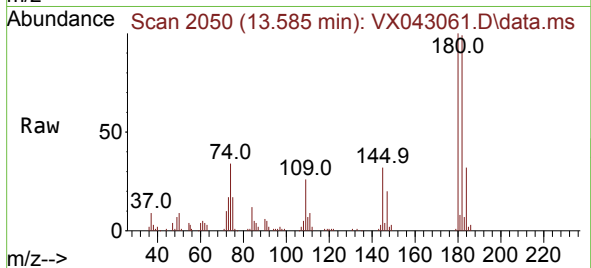
Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 30104      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 98.9  | 73.1 109.7 |
| 145         | 31.3  | 24.6 37.0  |



#90

Hexachlorobutadiene

Concen: 22.169 ug/l

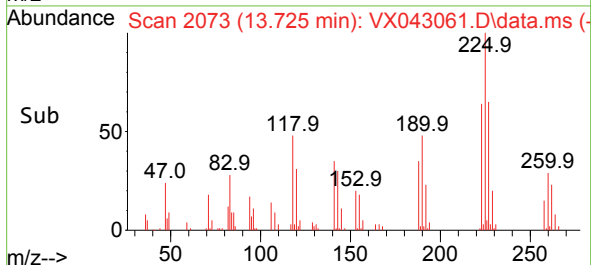
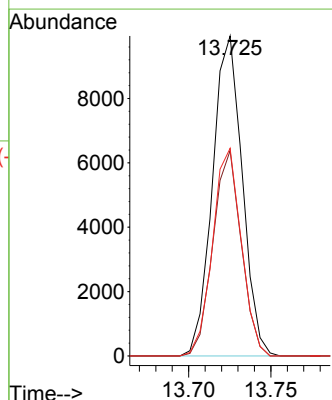
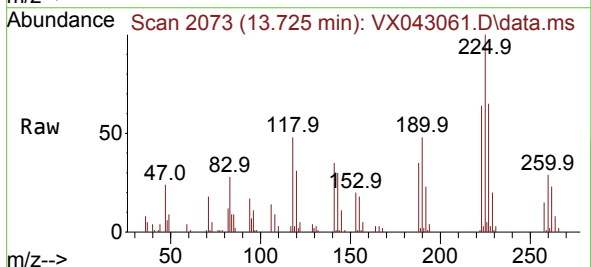
RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

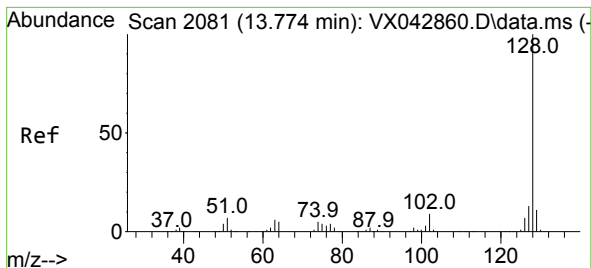
Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 12524     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 60.8  | 0.0 135.0 |
| 227         | 62.5  | 0.0 130.4 |







#91

Naphthalene

Concen: 19.114 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

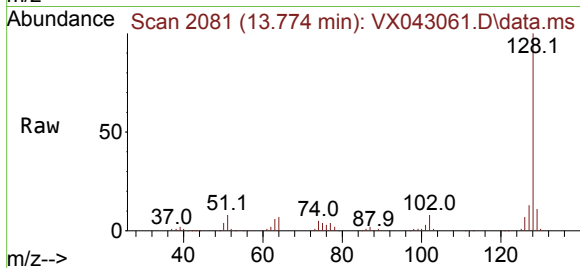
Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Instrument :

MSVOA\_X

ClientSampleId :



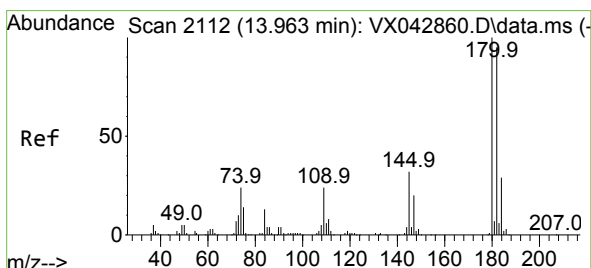
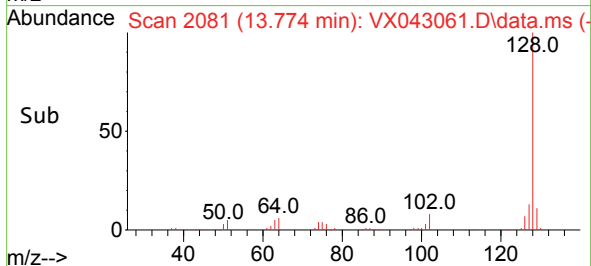
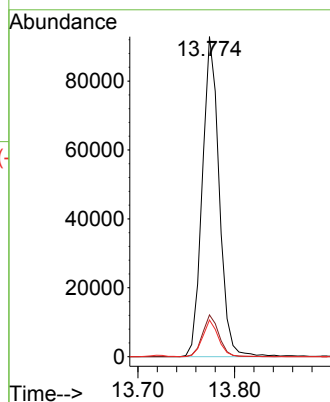
Tgt Ion:128 Resp: 113205

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.7 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 20.036 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX043061.D

Acq: 16 Aug 2024 08:20

Tgt Ion:180 Resp: 30975

Ion Ratio Lower Upper

180 100

182 95.1 0.0 185.8

145 33.4 0.0 65.2

