

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100824\  
 Data File : VX043315.D  
 Acq On : 08 Oct 2024 10:54  
 Operator : JC/MD  
 Sample : VX1008WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 09 01:33:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 106697   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 184425   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 158311   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 71712    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 88272    | 50.658   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 101.320% |
| 35) Dibromofluoromethane     | 5.385  | 113   | 63862    | 50.211   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 100.420% |
| 50) Toluene-d8               | 8.647  | 98    | 218605   | 49.597   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 99.200%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 80032    | 49.981   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 99.960%  |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 21785    | 17.553   | ug/l   | 100      |
| 3) Chloromethane             | 1.295  | 50    | 21295    | 16.660   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374  | 62    | 22280    | 17.402   | ug/l   | 97       |
| 5) Bromomethane              | 1.599  | 94    | 9368     | 17.910   | ug/l   | 96       |
| 6) Chloroethane              | 1.666  | 64    | 9341     | 19.592   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.874  | 101   | 35148    | 18.374   | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 13905    | 18.679   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 22432    | 18.791   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.447  | 142   | 26080    | 17.394   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.995  | 59    | 38342    | 115.630  | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 2.313  | 96    | 20892    | 17.624   | ug/l   | 96       |
| 13) Acrolein                 | 2.239  | 56    | 27234    | 86.957   | ug/l   | 98       |
| 14) Allyl chloride           | 2.660  | 41    | 36226    | 18.601   | ug/l   | 98       |
| 15) Acrylonitrile            | 3.069  | 53    | 67470    | 99.646   | ug/l   | 100      |
| 16) Acetone                  | 2.392  | 43    | 70145    | 96.394   | ug/l   | 98       |
| 17) Carbon Disulfide         | 2.502  | 76    | 42357    | 14.690   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703  | 43    | 41467    | 22.715   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 84111    | 19.832   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.782  | 84    | 23909    | 17.820   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 20970    | 17.774   | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.757  | 45    | 78708    | 20.092   | ug/l # | 77       |
| 23) Vinyl Acetate            | 3.721  | 43    | 462963   | 109.498  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 43280    | 18.965   | ug/l   | 97       |
| 25) 2-Butanone               | 4.562  | 43    | 101302   | 101.529  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 40837    | 18.808   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 27849    | 18.927   | ug/l   | 100      |
| 28) Bromochloromethane       | 4.898  | 49    | 17409    | 19.336   | ug/l   | 96       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 63966    | 100.635  | ug/l   | 99       |
| 30) Chloroform               | 5.093  | 83    | 47766    | 19.060   | ug/l   | 99       |
| 31) Cyclohexane              | 5.458  | 56    | 34211    | 18.195   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 43881    | 19.063   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.684  | 75    | 29746    | 18.513   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.721  | 43    | 39571    | 20.508   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 35712    | 18.775   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.379  | 83    | 37612    | 18.612   | ug/l   | 98       |
| 40) Benzene                  | 6.031  | 78    | 92448    | 18.977   | ug/l   | 100      |

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 Sample : VX1008WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 09 01:33:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 20362    | 20.272  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 40109    | 20.205  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 64730    | 20.310  | ug/l   | 100      |
| 44) Trichloroethene           | 7.123  | 130  | 23502    | 18.189  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 22934    | 19.183  | ug/l   | 89       |
| 46) Dibromomethane            | 7.580  | 93   | 19001    | 19.834  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 36552    | 19.407  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 30856    | 19.732  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 13058    | 429.571 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 197549   | 102.057 | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 58323    | 19.102  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 36710    | 19.615  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 38367    | 19.114  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 24749    | 20.397  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 40600    | 20.466  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 41083    | 19.879  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 88988    | 99.518  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 151589   | 103.560 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.519  | 129  | 26771    | 19.018  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 25673    | 19.693  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.269  | 164  | 20971    | 19.091  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.080 | 112  | 65666    | 19.294  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 23651    | 19.652  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 112770   | 19.169  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 83302    | 37.470  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 42487    | 19.232  | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 68256    | 19.065  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 17509    | 18.992  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.964 | 105  | 109731   | 19.681  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 51658    | 19.518  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 37328    | 20.552  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 40956    | 25.748  | ug/l   | 85       |
| 77) Bromobenzene              | 11.195 | 156  | 26311    | 19.392  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 122603   | 20.031  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 76848    | 19.530  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 90838    | 19.751  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 11252    | 18.333  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 88178    | 19.671  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 92496    | 19.521  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 91608    | 19.796  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 111128   | 19.784  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 92908    | 19.825  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 46883    | 19.615  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.037 | 146  | 46912    | 19.038  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 76880    | 19.595  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 16782    | 19.095  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 47419    | 19.400  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 8651     | 19.508  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 26325    | 18.682  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 11380    | 20.372  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 100363   | 19.374  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 28495    | 19.599  | ug/l   | 99       |

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Sample : VX1008WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 09 01:33:50 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration

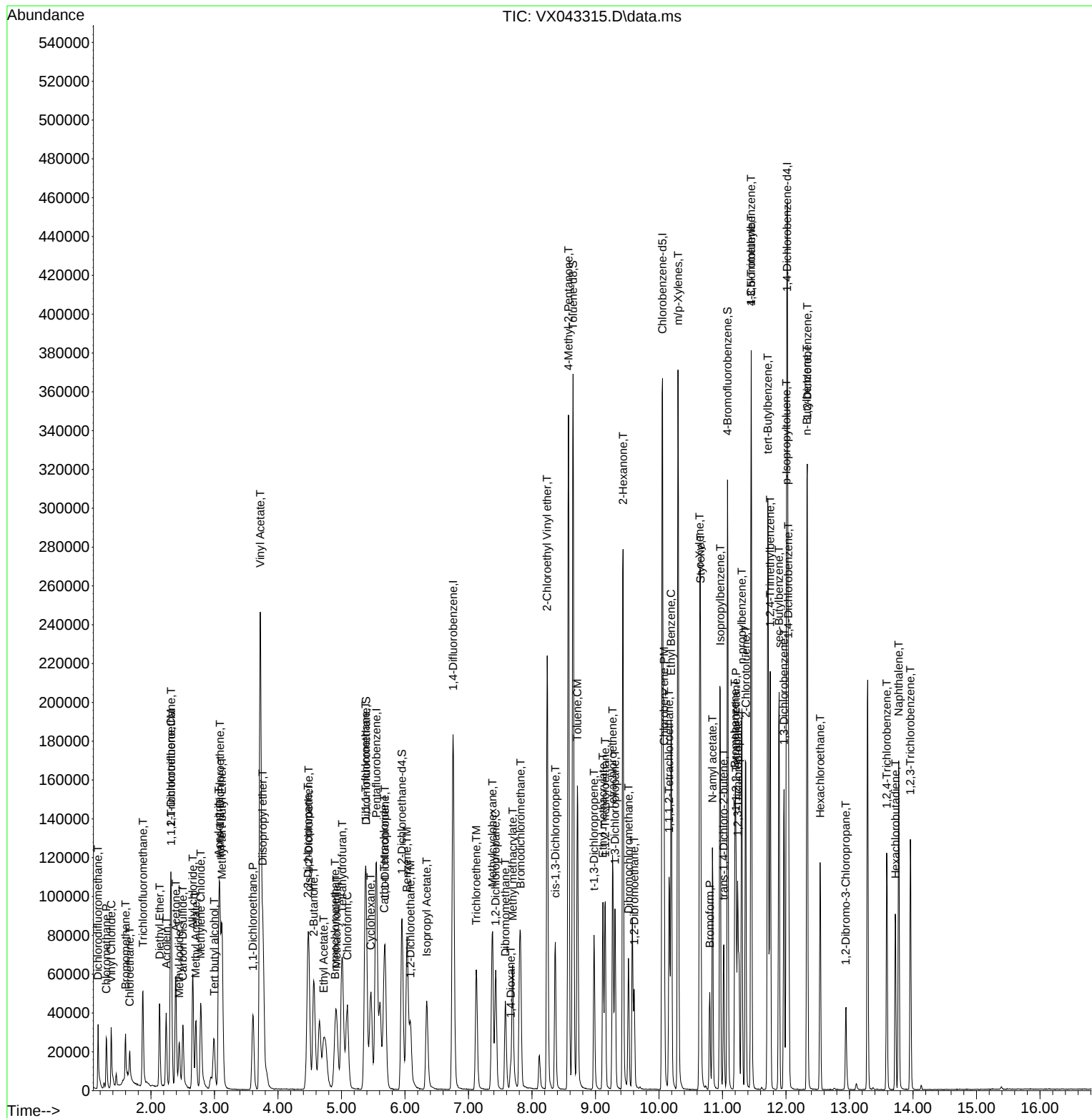
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

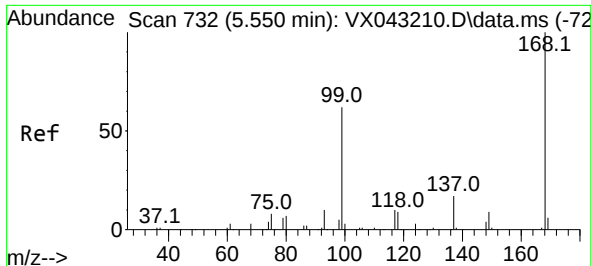
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 Sample : VX1008WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
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Instrument :  
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Quant Time: Oct 09 01:33:50 2024  
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 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
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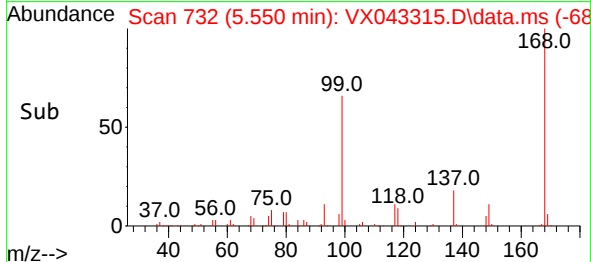
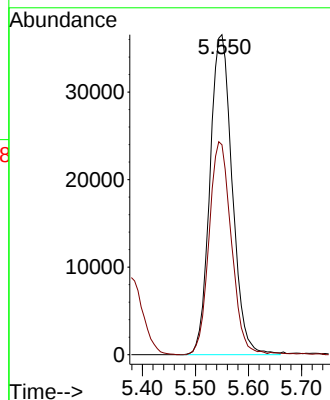
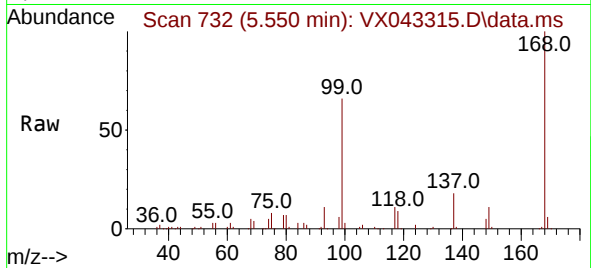




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

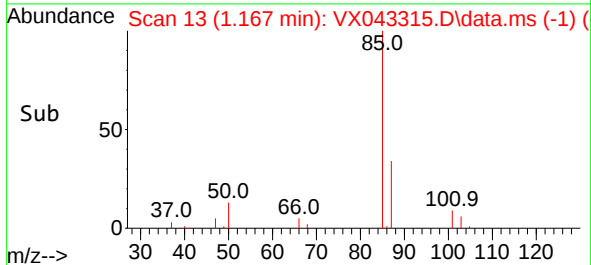
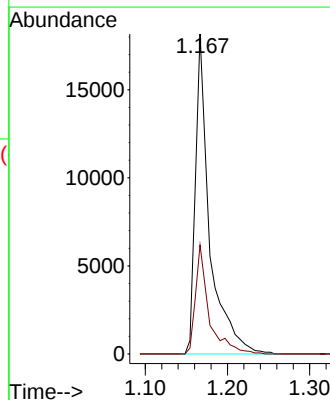
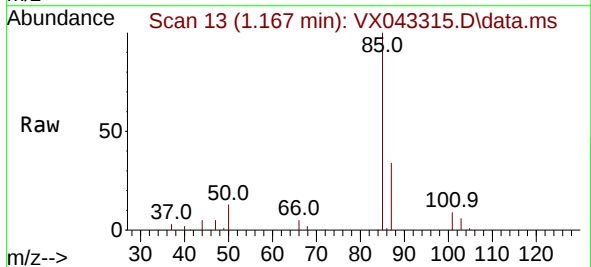
Instrument :  
MSVOA\_X  
ClientSampleId :

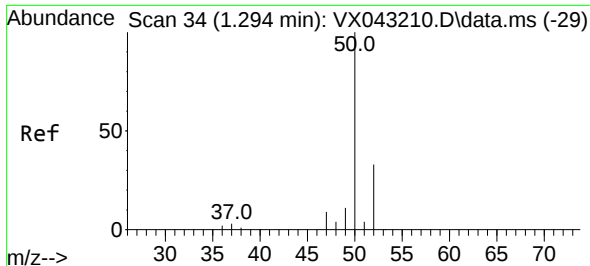
Tgt Ion:168 Resp: 106697  
Ion Ratio Lower Upper  
168 100  
99 65.6 49.7 74.5



#2  
Dichlorodifluoromethane  
Concen: 17.553 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 85 Resp: 21785  
Ion Ratio Lower Upper  
85 100  
87 34.1 17.1 51.2

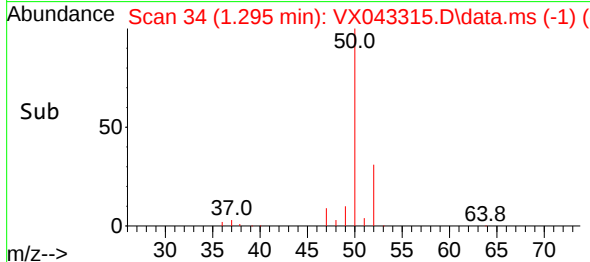
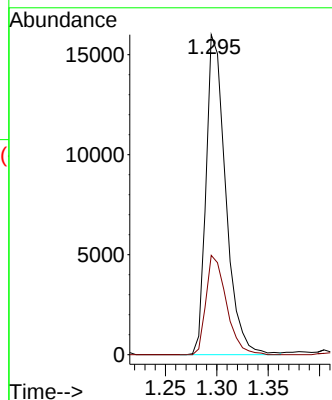
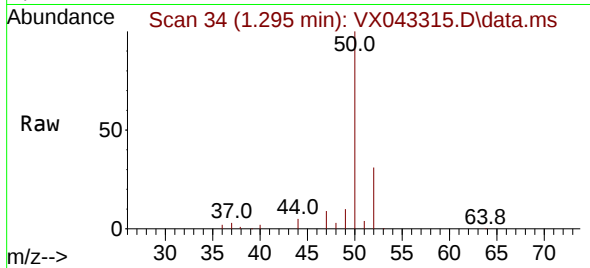




#3  
Chloromethane  
Concen: 16.660 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

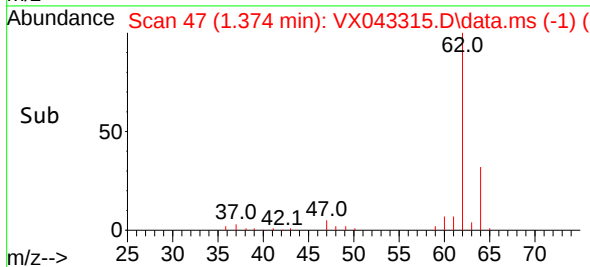
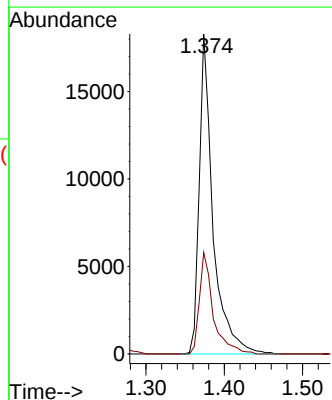
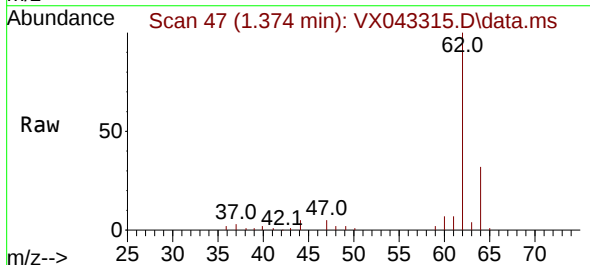
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 50 Resp: 21295  
Ion Ratio Lower Upper  
50 100  
52 31.1 26.1 39.1



#4  
Vinyl Chloride  
Concen: 17.402 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 62 Resp: 22280  
Ion Ratio Lower Upper  
62 100  
64 31.7 26.8 40.2

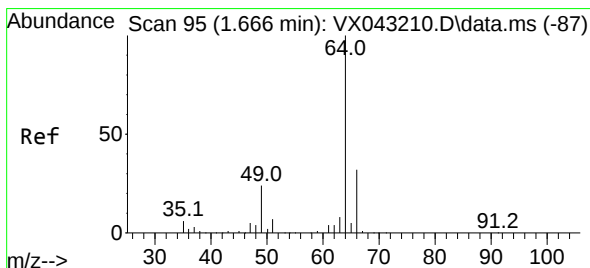
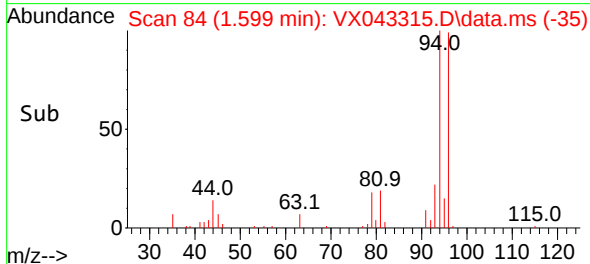
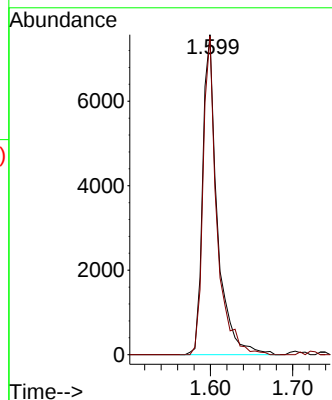
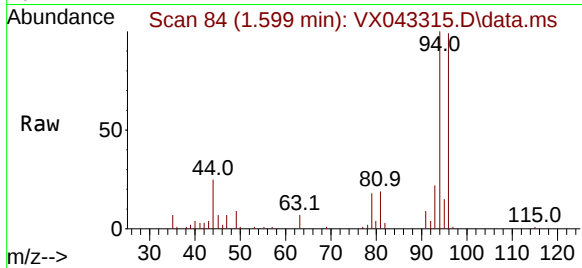




#5  
Bromomethane  
Concen: 17.910 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

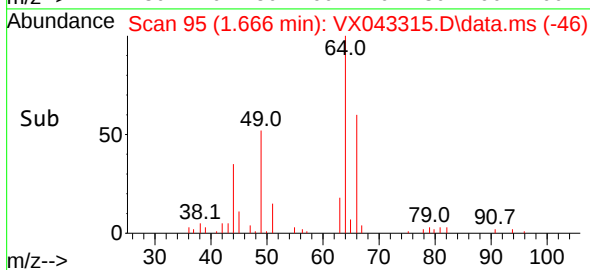
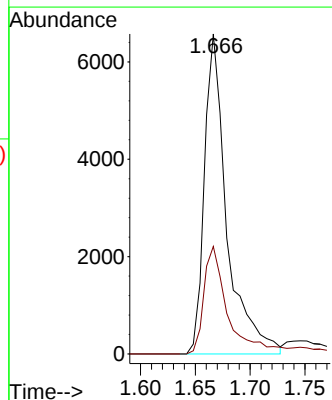
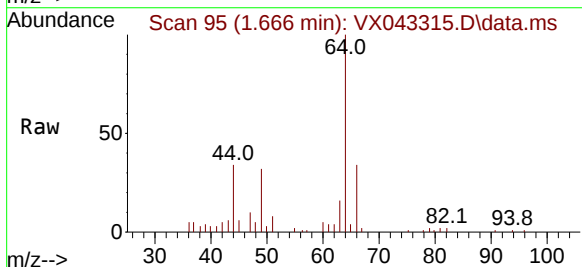
Instrument :  
MSVOA\_X  
ClientSampleId :

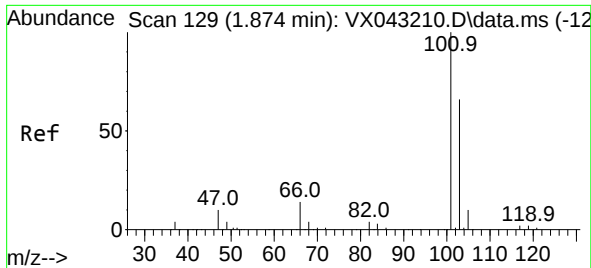
Tgt Ion: 94 Resp: 9368  
Ion Ratio Lower Upper  
94 100  
96 99.5 76.6 115.0



#6  
Chloroethane  
Concen: 19.592 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 64 Resp: 9341  
Ion Ratio Lower Upper  
64 100  
66 33.6 25.8 38.8

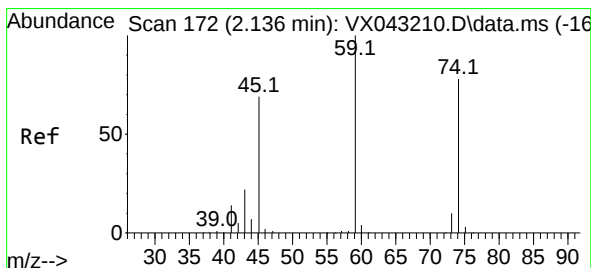
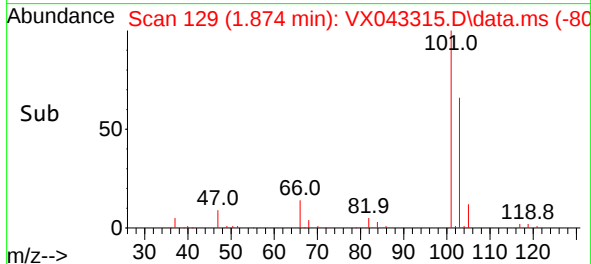
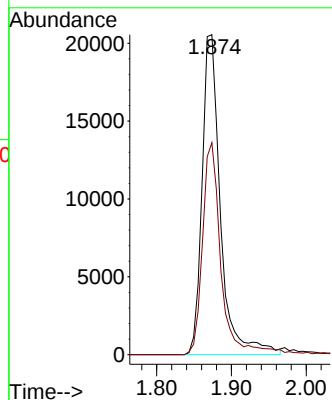
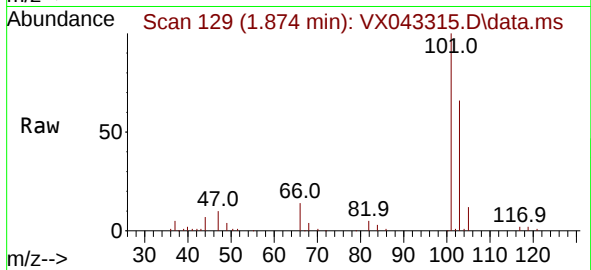




#7  
 Trichlorofluoromethane  
 Concen: 18.374 ug/l  
 RT: 1.874 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX043315.D  
 Acq: 08 Oct 2024 10:54

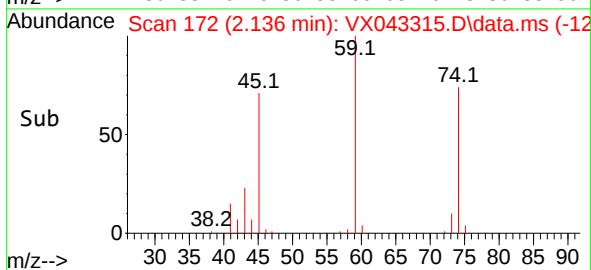
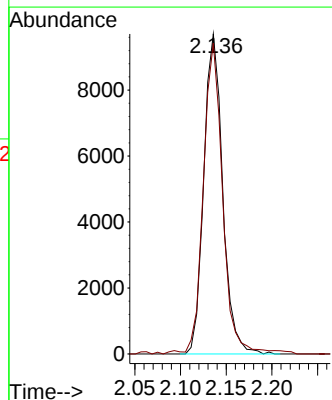
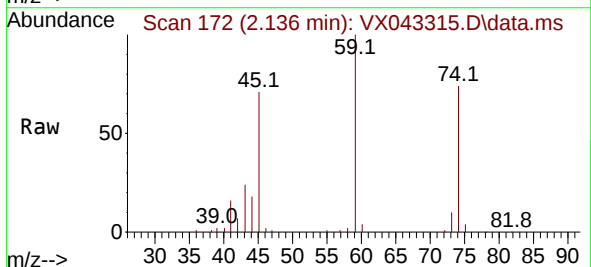
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:101 Resp: 35148  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 52.7 79.1



#8  
 Diethyl Ether  
 Concen: 18.679 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX043315.D  
 Acq: 08 Oct 2024 10:54

Tgt Ion: 74 Resp: 13905  
 Ion Ratio Lower Upper  
 74 100  
 45 100.0 47.1 141.4

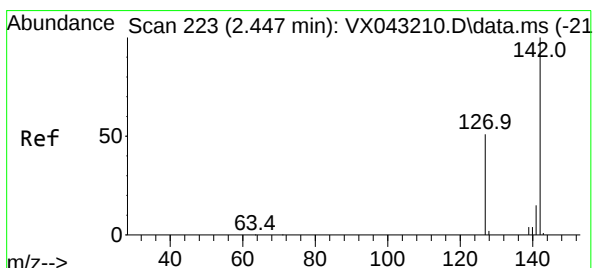
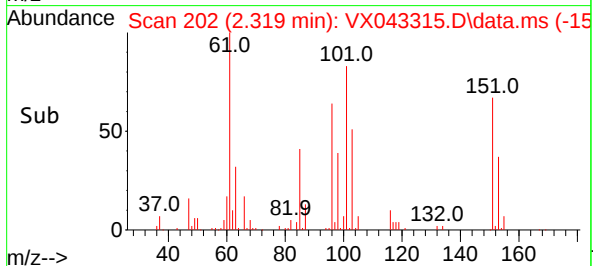
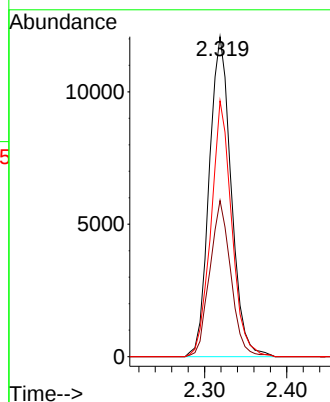
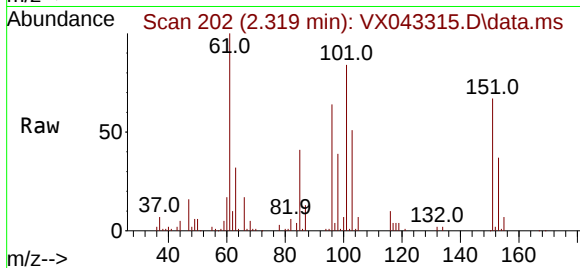




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.791 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

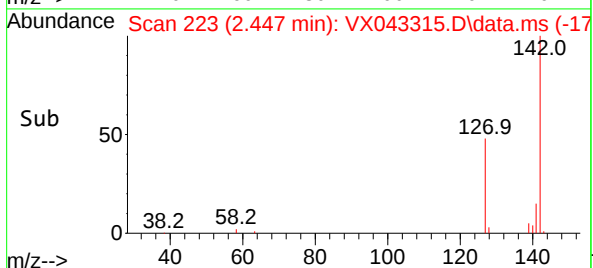
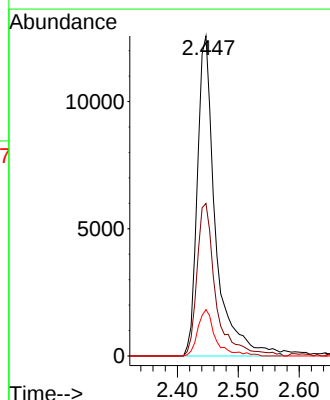
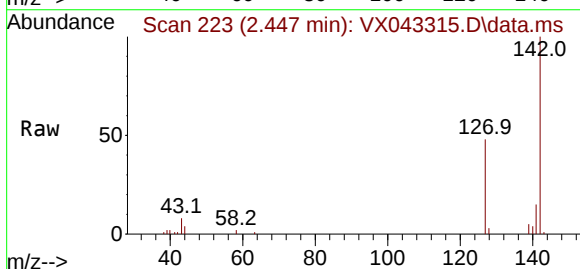
Instrument :  
MSVOA\_X  
ClientSampleId :

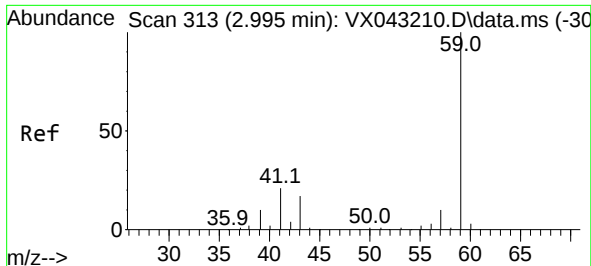
Tgt Ion:101 Resp: 22432  
Ion Ratio Lower Upper  
101 100  
85 46.8 37.0 55.6  
151 75.8 60.0 90.0



#10  
Methyl Iodide  
Concen: 17.394 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion:142 Resp: 26080  
Ion Ratio Lower Upper  
142 100  
127 49.2 39.8 59.8  
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 115.630 ug/l

RT: 2.995 min Scan# 313

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

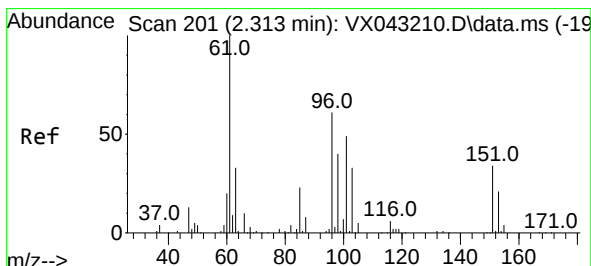
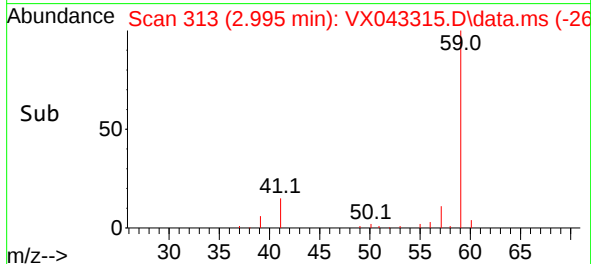
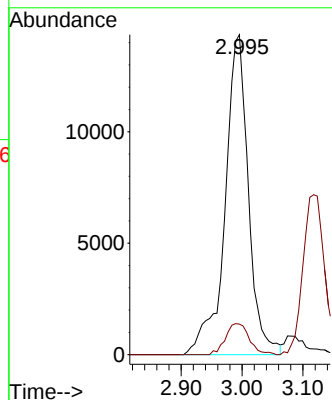
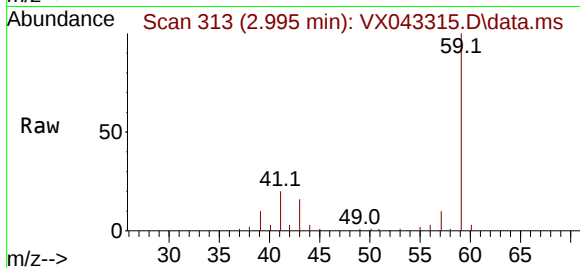
ClientSampleId :

Tgt Ion: 59 Resp: 38342

Ion Ratio Lower Upper

59 100

57 9.8 8.6 13.0



#12

1,1-Dichloroethene

Concen: 17.624 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

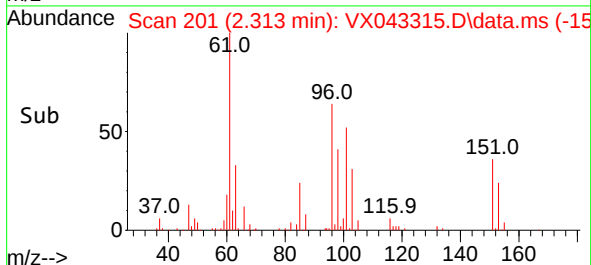
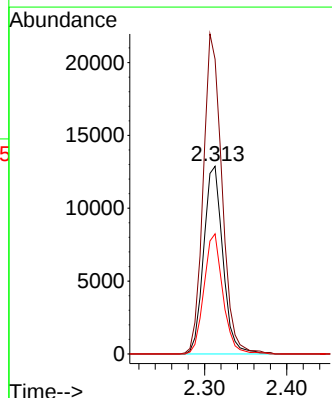
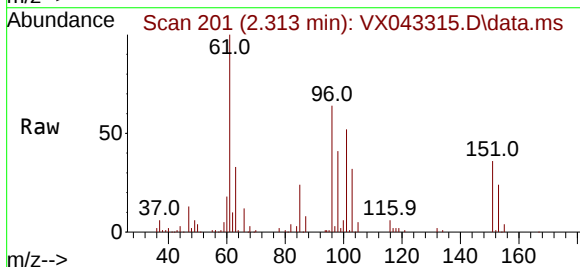
Tgt Ion: 96 Resp: 20892

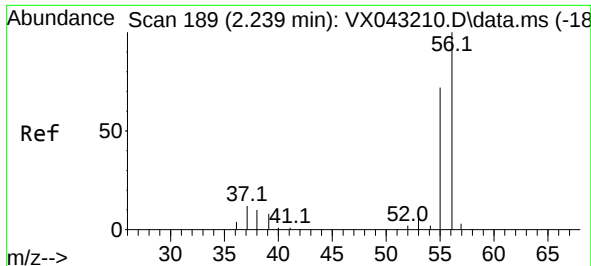
Ion Ratio Lower Upper

96 100

61 157.1 130.6 195.8

98 64.0 51.7 77.5





#13

Acrolein

Concen: 86.957 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

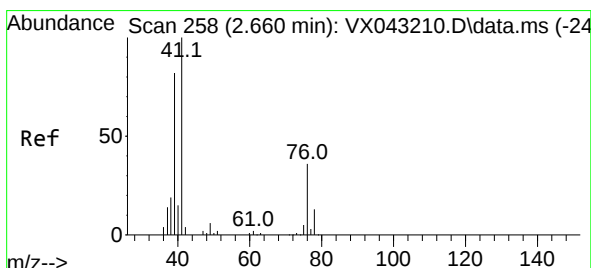
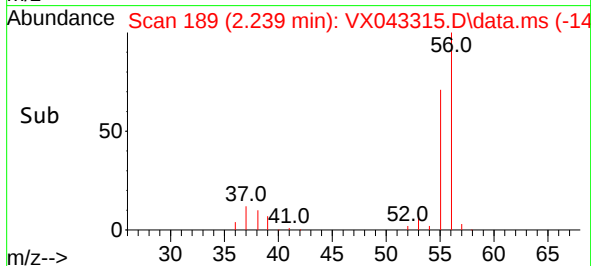
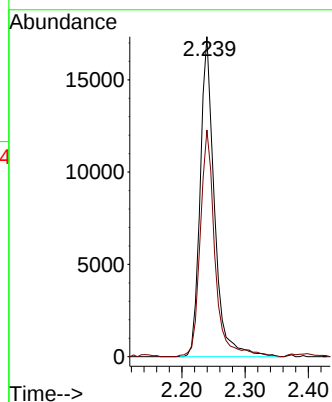
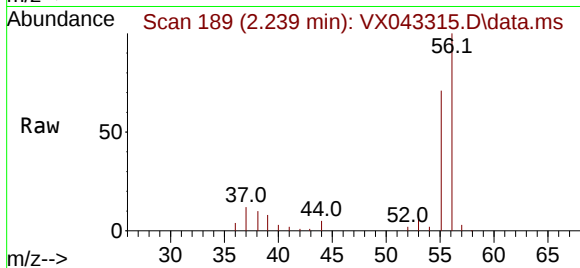
ClientSampleId :

Tgt Ion: 56 Resp: 27234

Ion Ratio Lower Upper

56 100

55 73.3 57.4 86.0



#14

Allyl chloride

Concen: 18.601 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

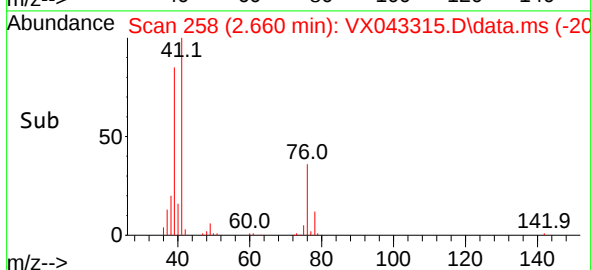
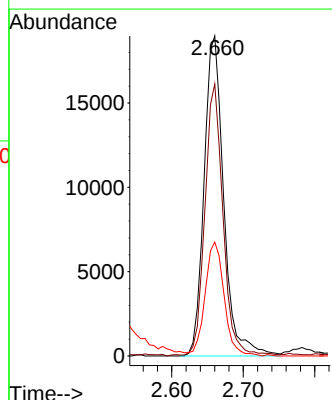
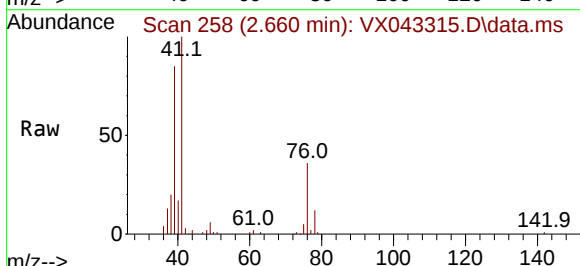
Tgt Ion: 41 Resp: 36226

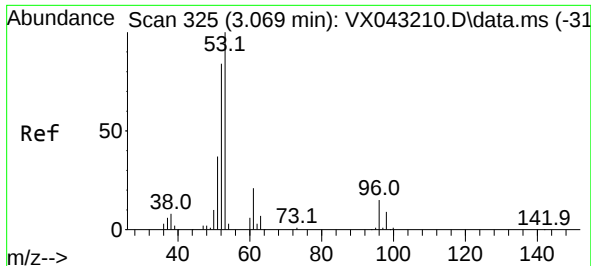
Ion Ratio Lower Upper

41 100

39 78.7 61.7 92.5

76 34.6 28.6 43.0





#15

Acrylonitrile

Concen: 99.646 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

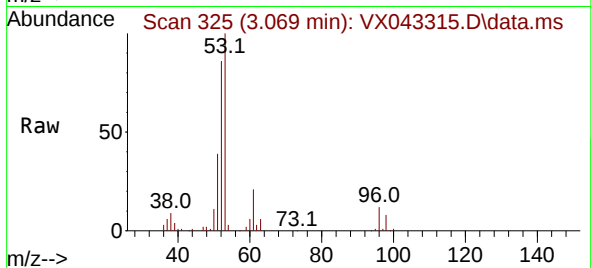
Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

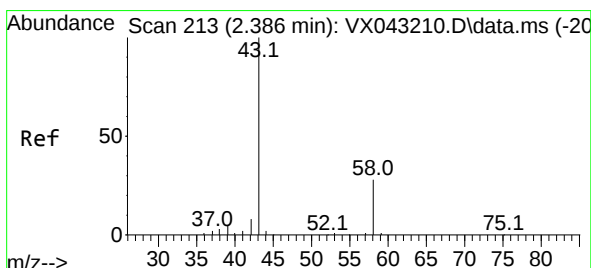
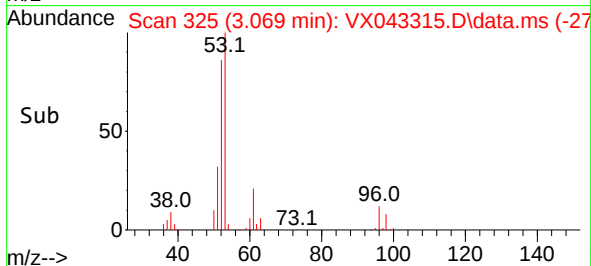
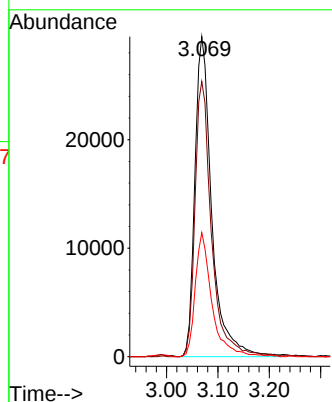
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 67470 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 84.1  | 67.6  | 101.4 |
| 51       | 38.2  | 30.3  | 45.5  |



#16

Acetone

Concen: 96.394 ug/l

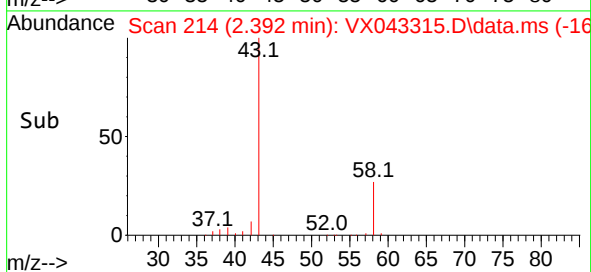
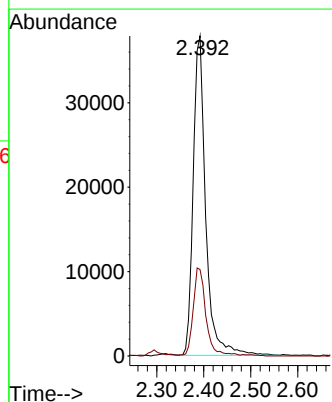
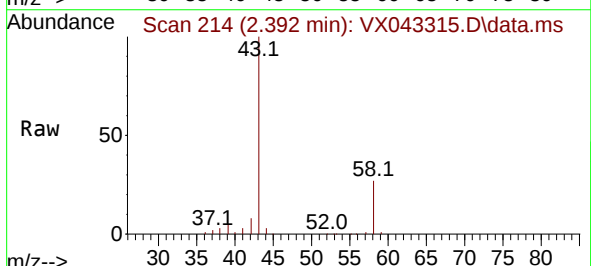
RT: 2.392 min Scan# 214

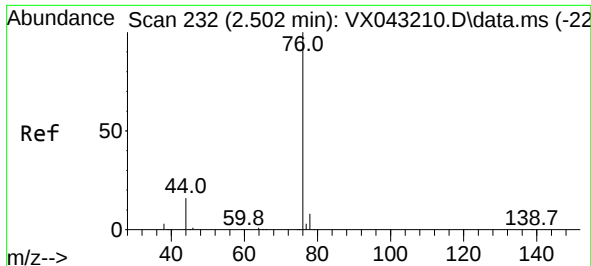
Delta R.T. 0.006 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 70145 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 27.0  | 22.6  | 33.8  |

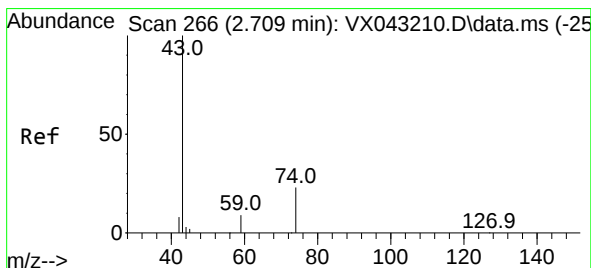
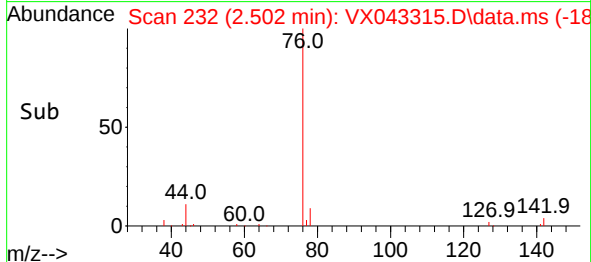
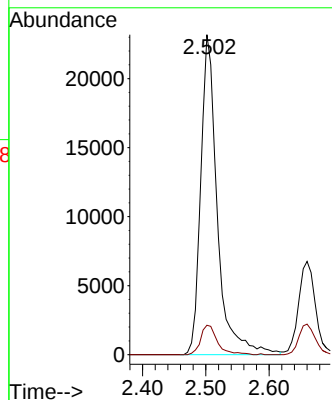
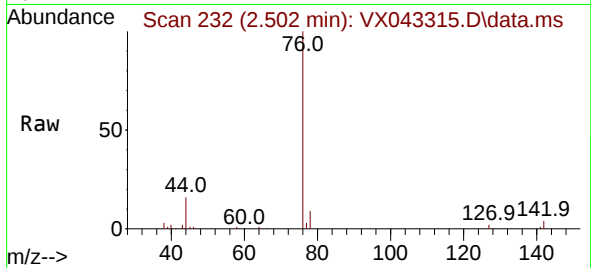




#17  
Carbon Disulfide  
Concen: 14.690 ug/l  
RT: 2.502 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

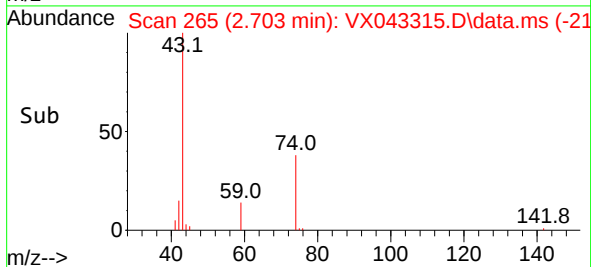
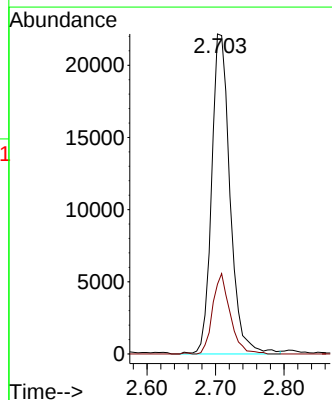
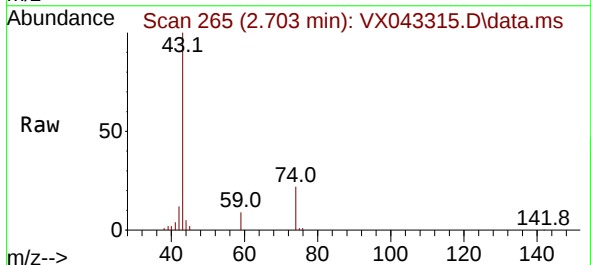
Instrument :  
MSVOA\_X  
ClientSampleId :

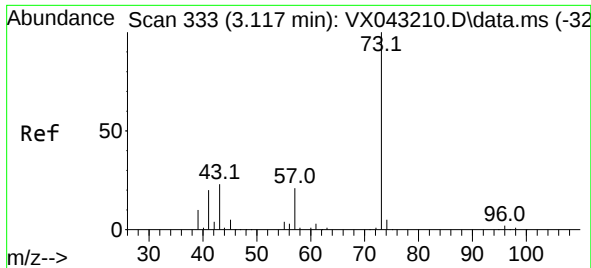
Tgt Ion: 76 Resp: 42357  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.7 10.1



#18  
Methyl Acetate  
Concen: 22.715 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 43 Resp: 41467  
Ion Ratio Lower Upper  
43 100  
74 23.8 19.1 28.7

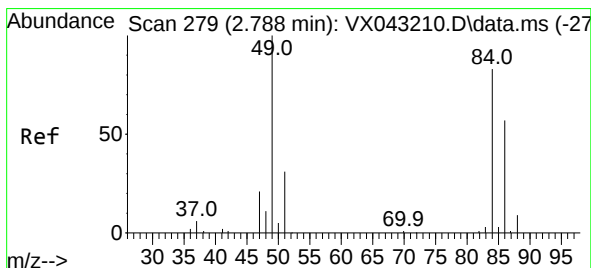
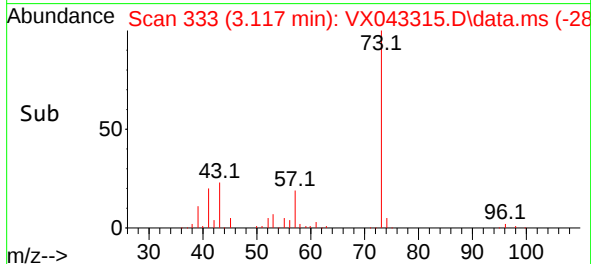
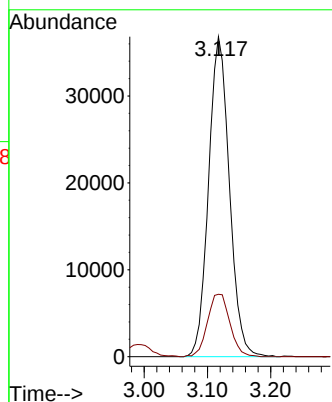
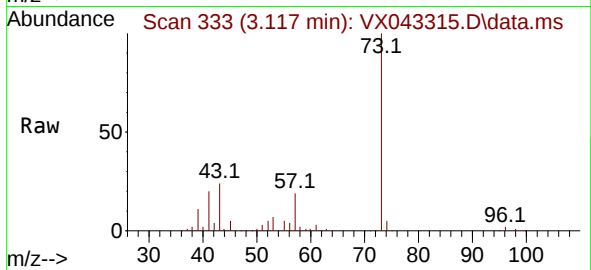




#19  
Methyl tert-butyl Ether  
Concen: 19.832 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

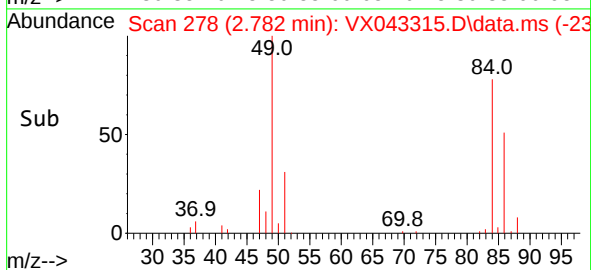
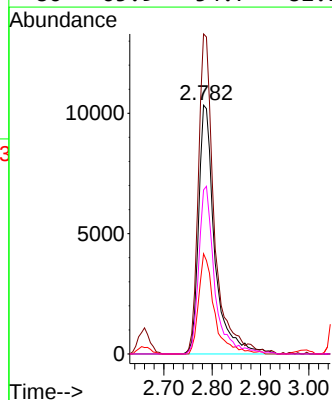
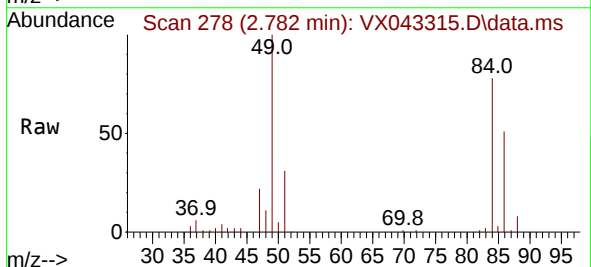
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 73 Resp: 84111  
Ion Ratio Lower Upper  
73 100  
57 19.5 16.7 25.1



#20  
Methylene Chloride  
Concen: 17.820 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.006 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 84 Resp: 23909  
Ion Ratio Lower Upper  
84 100  
49 128.6 96.7 145.1  
51 40.3 30.4 45.6  
86 65.9 54.7 82.1

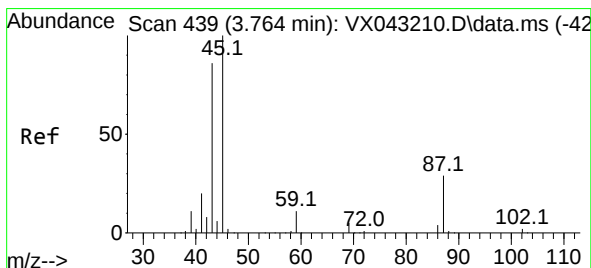
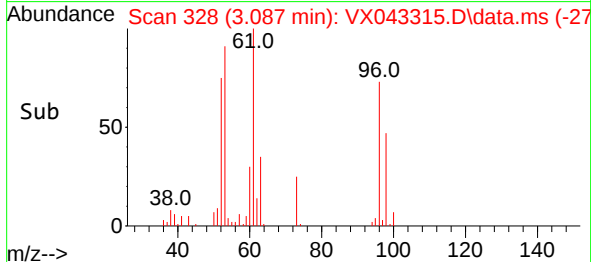
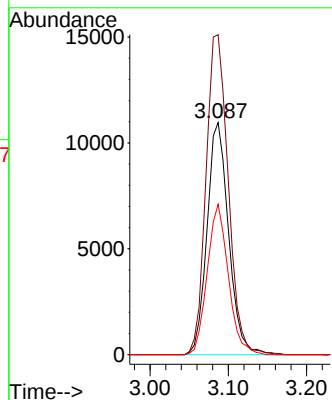
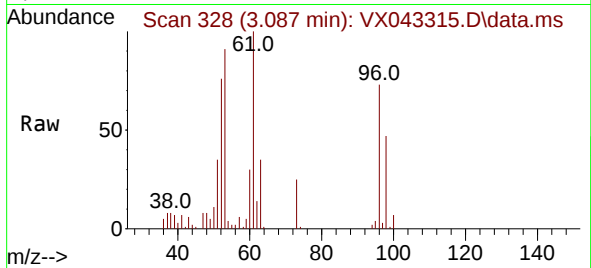




#21  
trans-1,2-Dichloroethene  
Concen: 17.774 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

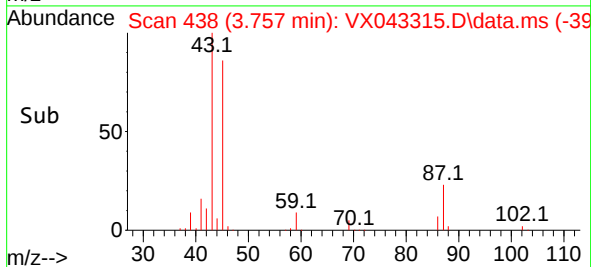
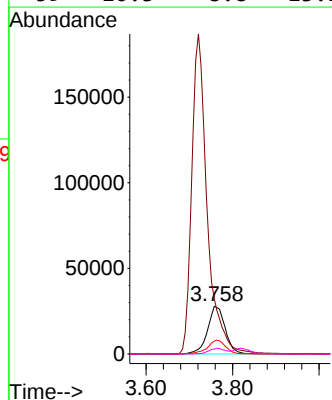
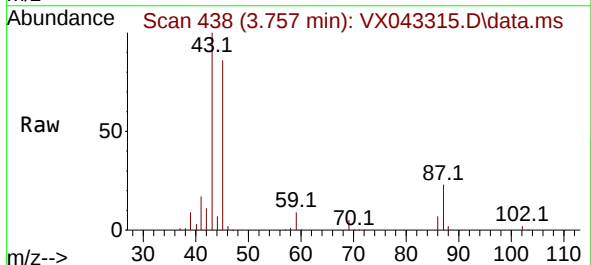
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 96 Resp: 20970  
Ion Ratio Lower Upper  
96 100  
61 137.9 112.3 168.5  
98 64.8 54.6 82.0



#22  
Diisopropyl ether  
Concen: 20.092 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 45 Resp: 78708  
Ion Ratio Lower Upper  
45 100  
43 115.2 68.5 102.7#  
87 27.3 23.0 34.4  
59 10.3 8.8 13.2





#23

Vinyl Acetate

Concen: 109.498 ug/l

RT: 3.721 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

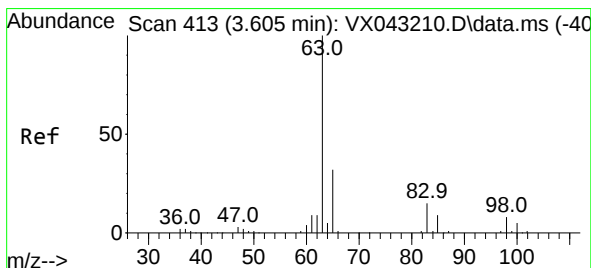
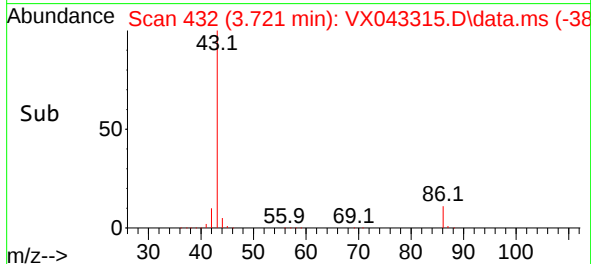
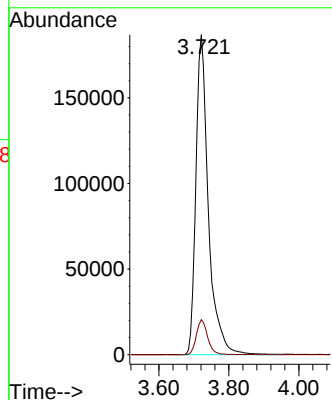
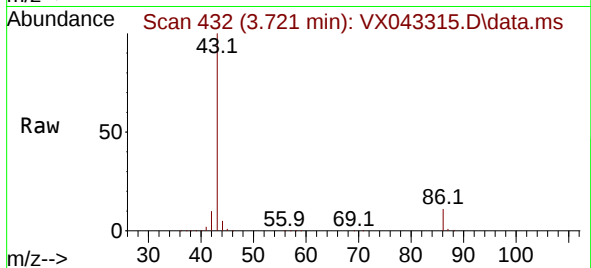
ClientSampleId :

Tgt Ion: 43 Resp: 462963

Ion Ratio Lower Upper

43 100

86 11.0 8.8 13.2



#24

1,1-Dichloroethane

Concen: 18.965 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

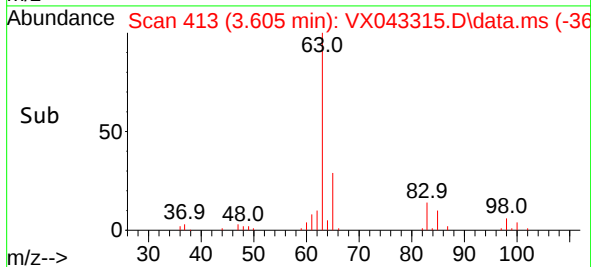
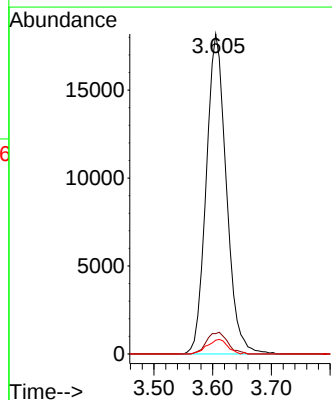
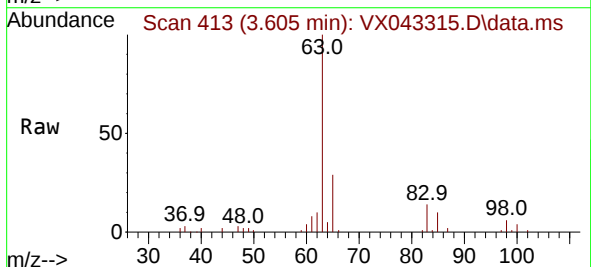
Tgt Ion: 63 Resp: 43280

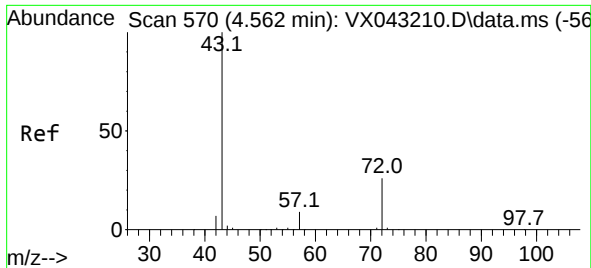
Ion Ratio Lower Upper

63 100

98 6.3 3.8 11.2

100 4.3 2.5 7.4

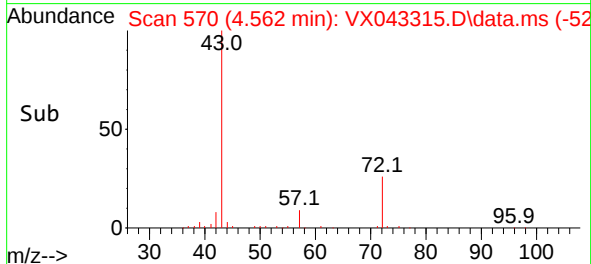
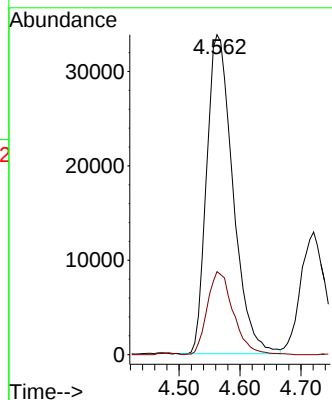
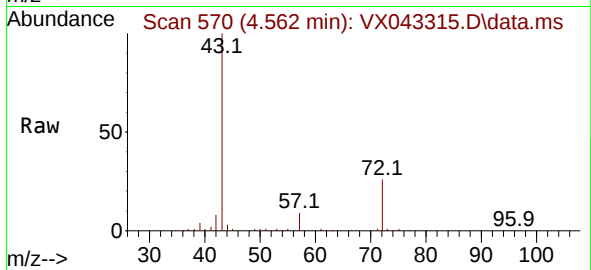




#25  
2-Butanone  
Concen: 101.529 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

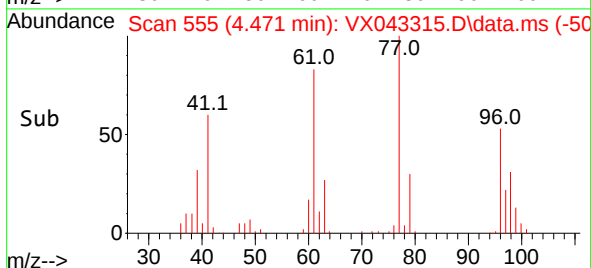
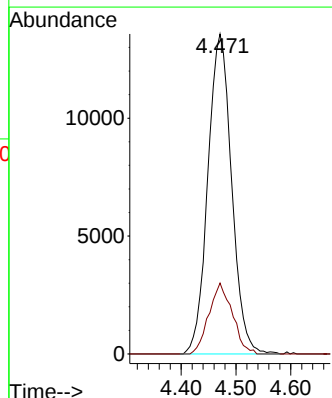
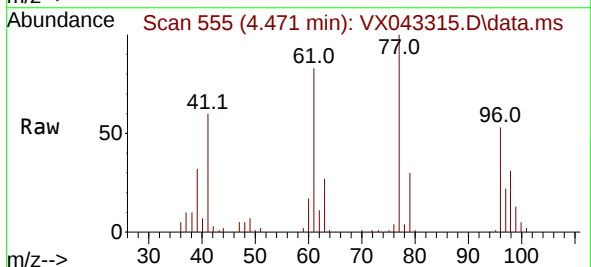
Instrument :  
MSVOA\_X  
ClientSampleId :

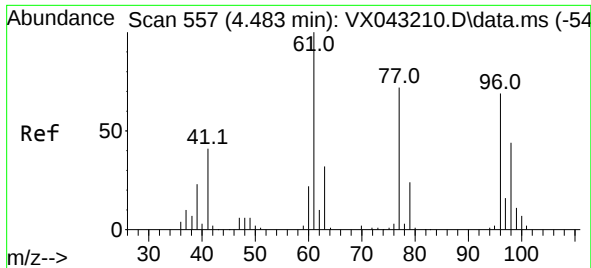
Tgt Ion: 43 Resp: 101302  
Ion Ratio Lower Upper  
43 100  
72 25.9 20.6 31.0



#26  
2,2-Dichloropropane  
Concen: 18.808 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

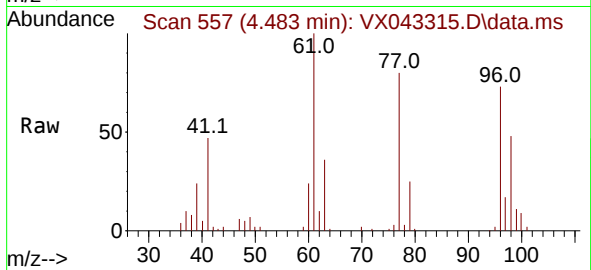
Tgt Ion: 77 Resp: 40837  
Ion Ratio Lower Upper  
77 100  
97 21.9 10.8 32.3



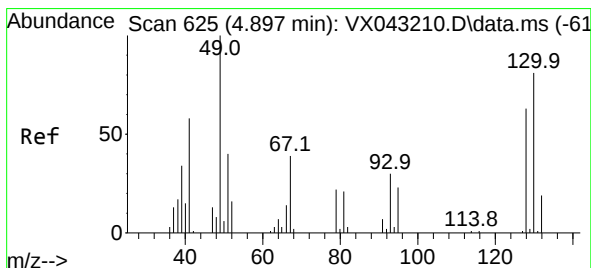
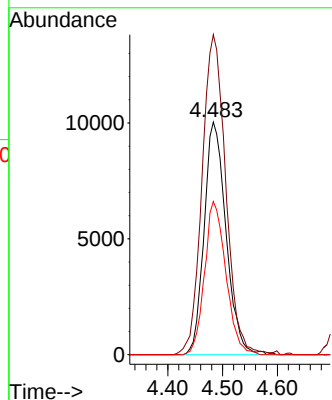
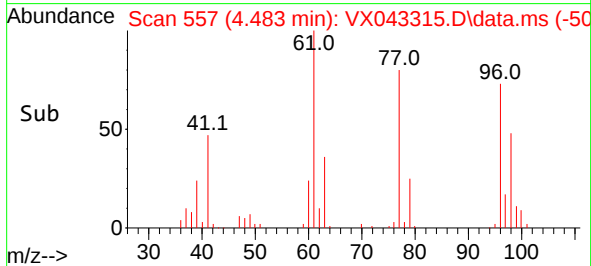


#27  
 cis-1,2-Dichloroethene  
 Concen: 18.927 ug/l  
 RT: 4.483 min Scan# 557  
 Delta R.T. 0.000 min  
 Lab File: VX043315.D  
 Acq: 08 Oct 2024 10:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :

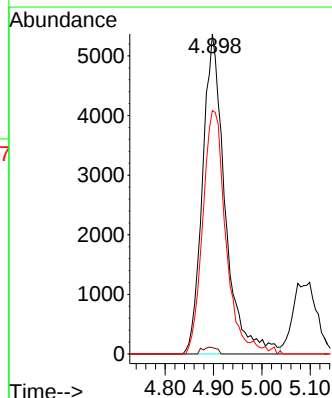
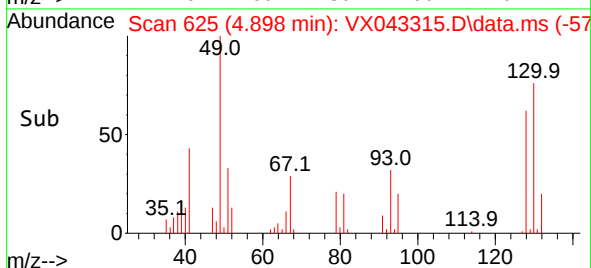
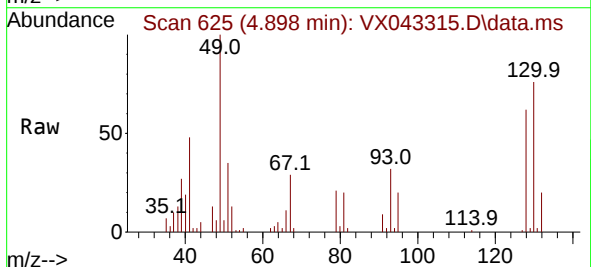


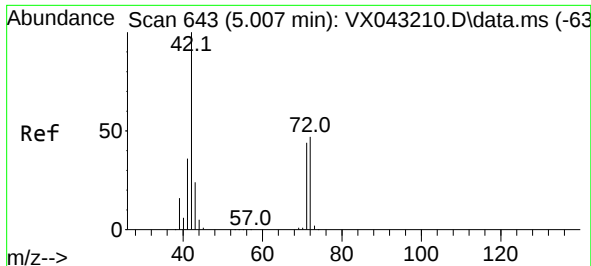
|             |                 |
|-------------|-----------------|
| Tgt Ion: 96 | Resp: 27849     |
| Ion Ratio   | Lower Upper     |
| 96          | 100             |
| 61          | 148.4 0.0 298.2 |
| 98          | 64.1 0.0 128.6  |



#28  
 Bromochloromethane  
 Concen: 19.336 ug/l  
 RT: 4.898 min Scan# 625  
 Delta R.T. 0.000 min  
 Lab File: VX043315.D  
 Acq: 08 Oct 2024 10:54

|             |                |
|-------------|----------------|
| Tgt Ion: 49 | Resp: 17409    |
| Ion Ratio   | Lower Upper    |
| 49          | 100            |
| 129         | 1.4 0.0 4.0    |
| 130         | 78.1 65.5 98.3 |





#29

Tetrahydrofuran

Concen: 100.635 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

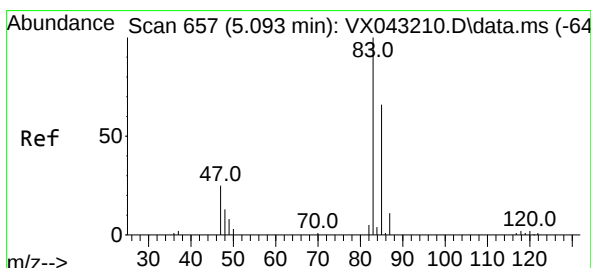
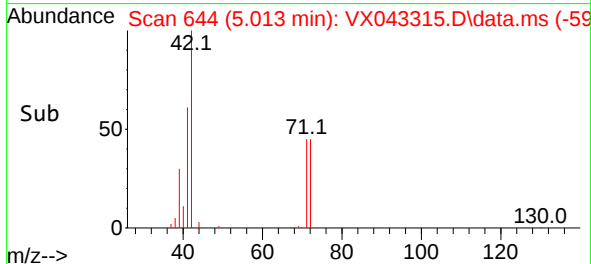
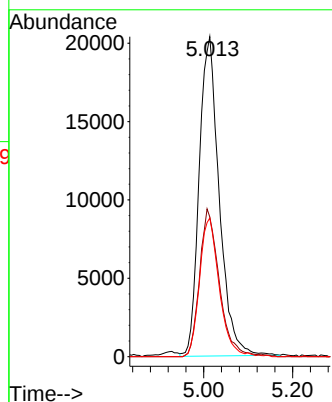
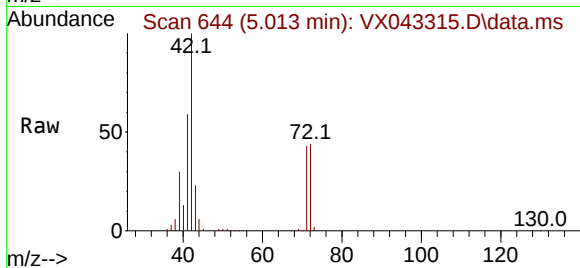
Tgt Ion: 42 Resp: 63966

Ion Ratio Lower Upper

42 100

72 45.7 37.7 56.5

71 42.8 34.6 52.0



#30

Chloroform

Concen: 19.060 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX043315.D

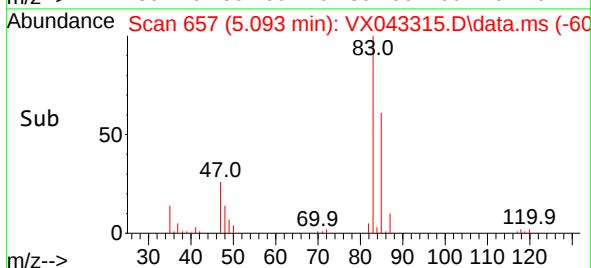
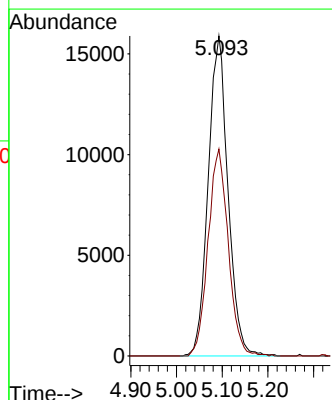
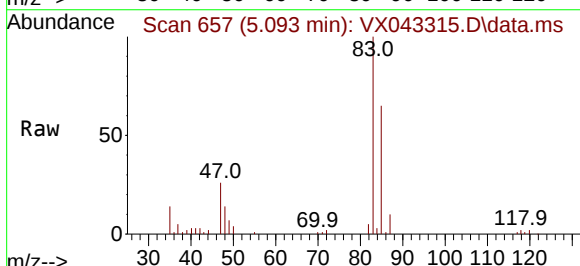
Acq: 08 Oct 2024 10:54

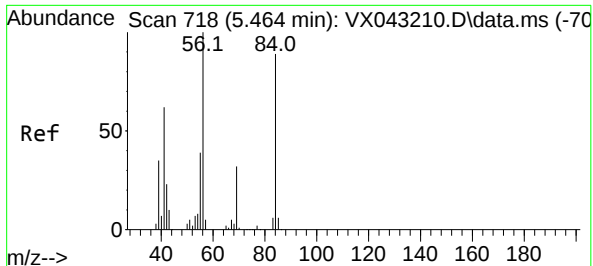
Tgt Ion: 83 Resp: 47766

Ion Ratio Lower Upper

83 100

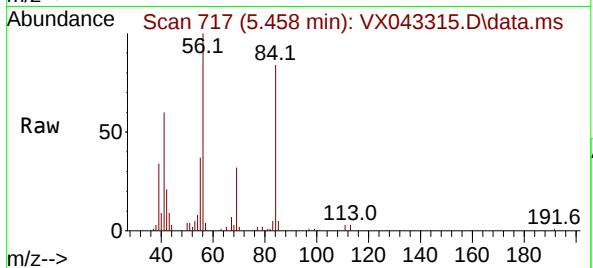
85 64.6 52.5 78.7



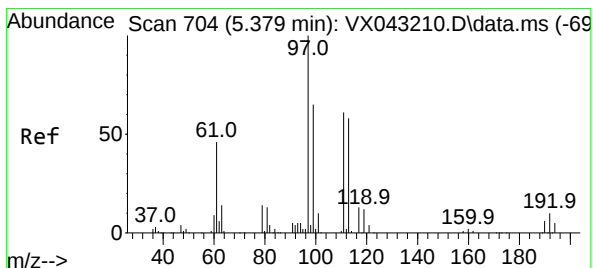
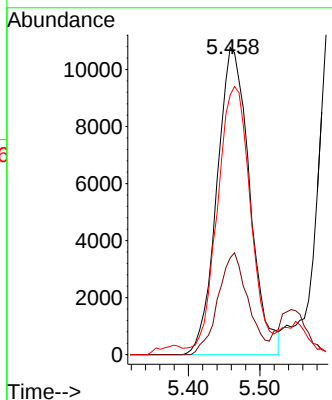
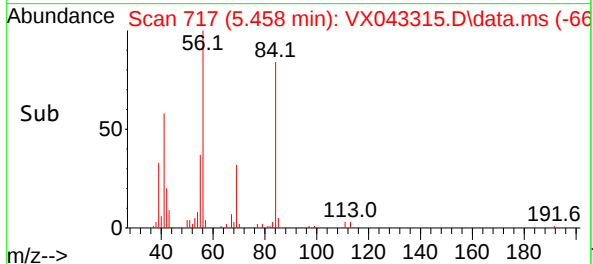


#31  
Cyclohexane  
Concen: 18.195 ug/l  
RT: 5.458 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Instrument :  
MSVOA\_X  
ClientSampleId :

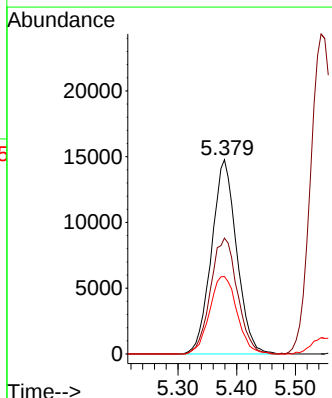
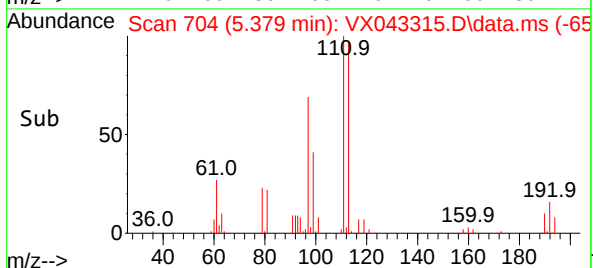
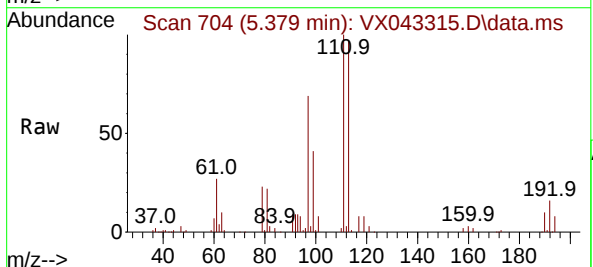


Tgt Ion: 56 Resp: 34211  
Ion Ratio Lower Upper  
56 100  
69 31.5 25.8 38.6  
84 81.7 71.1 106.7



#32  
1,1,1-Trichloroethane  
Concen: 19.063 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 97 Resp: 43881  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.2 76.8  
61 43.5 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 50.658 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

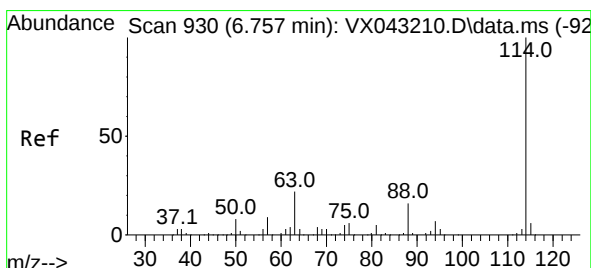
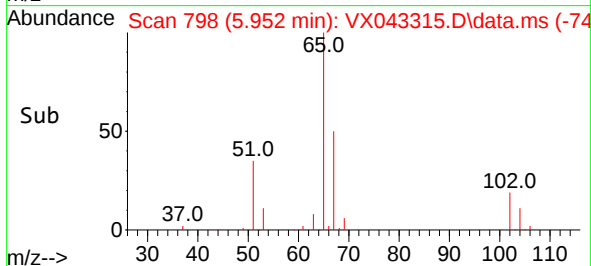
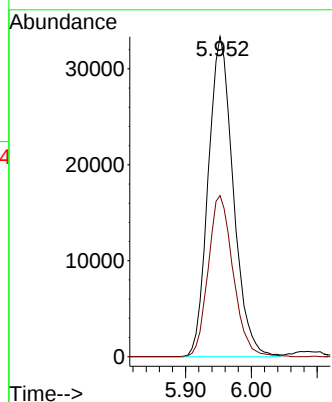
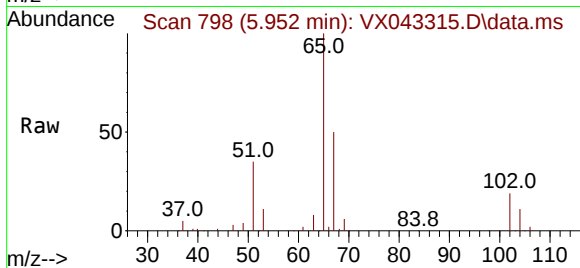
ClientSampleId :

Tgt Ion: 65 Resp: 88272

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

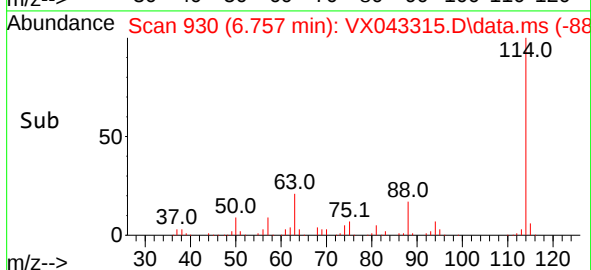
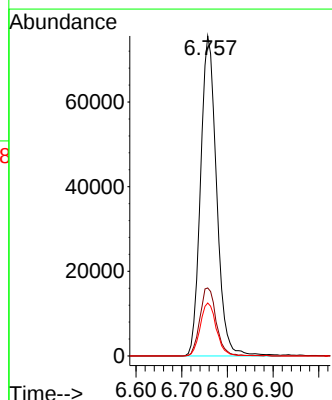
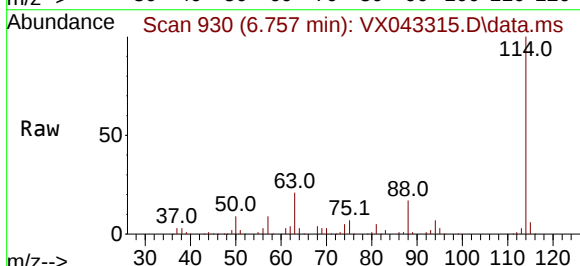
Tgt Ion: 114 Resp: 184425

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

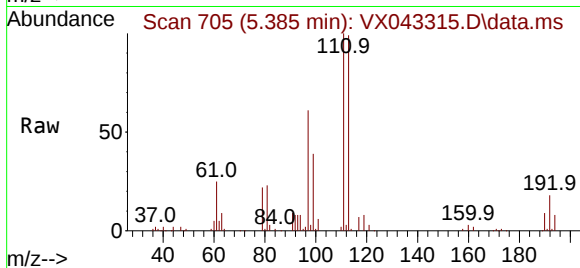
88 16.6 0.0 33.0



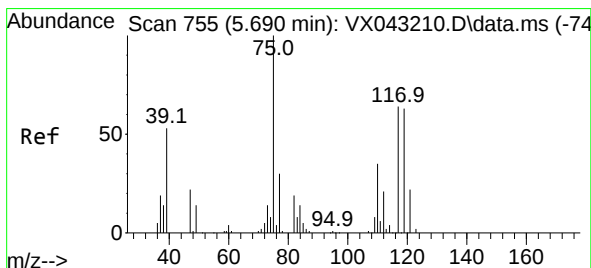
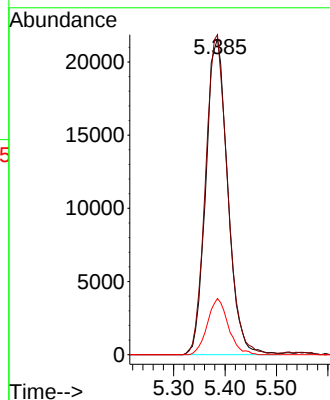
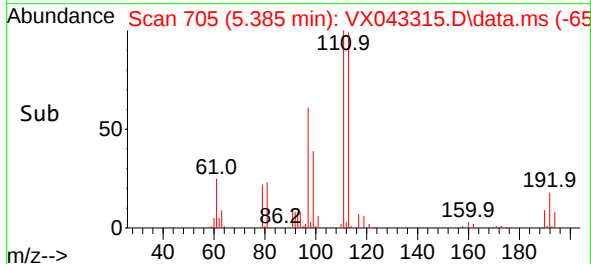


#35  
Dibromofluoromethane  
Concen: 50.211 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Instrument :  
MSVOA\_X  
ClientSampleId :

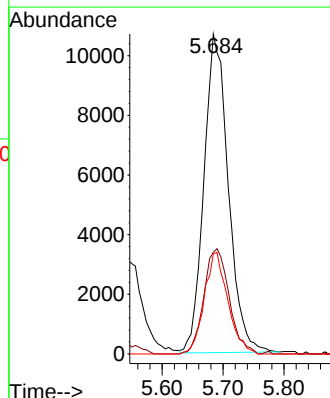
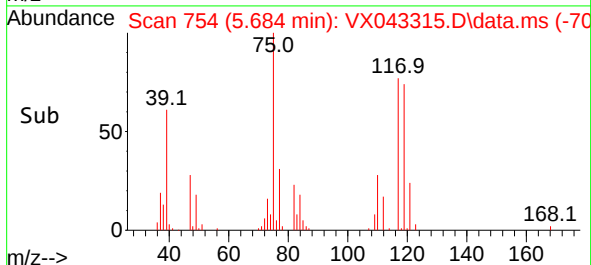
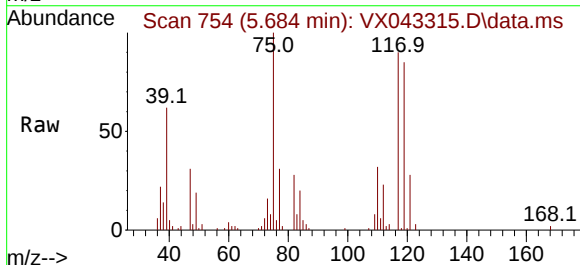


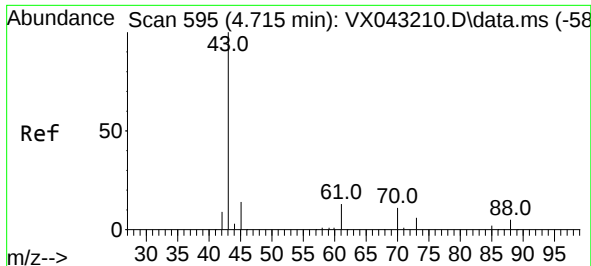
Tgt Ion:113 Resp: 63862  
Ion Ratio Lower Upper  
113 100  
111 101.8 83.4 125.0  
192 17.0 14.1 21.1



#36  
1,1-Dichloropropene  
Concen: 18.513 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 75 Resp: 29746  
Ion Ratio Lower Upper  
75 100  
110 34.3 17.8 53.3  
77 30.8 24.9 37.3





#37

Ethyl Acetate

Concen: 20.508 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

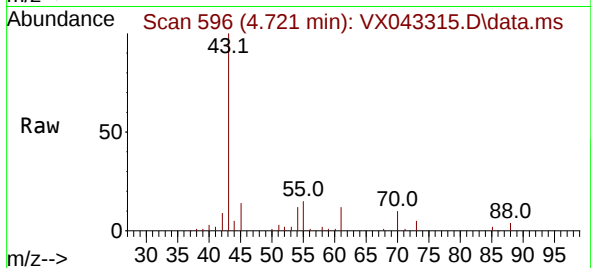
Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

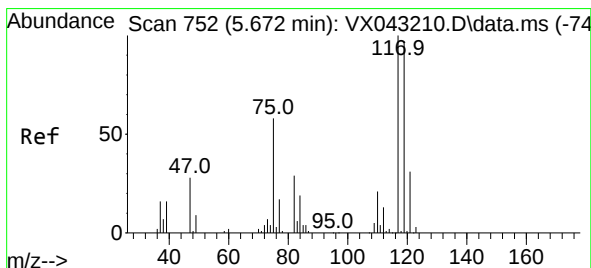
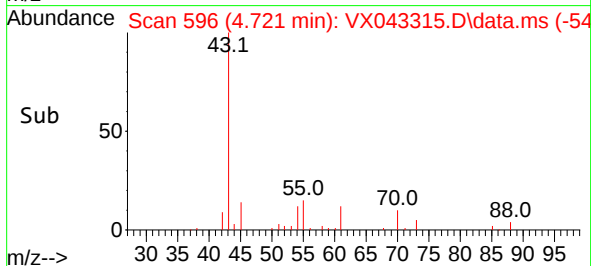
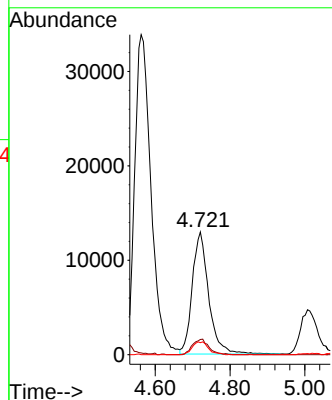
Instrument :

MSVOA\_X

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 39571    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 12.6 11.0 16.4 |
| 70          | 10.3 8.9 13.3  |



#38

Carbon Tetrachloride

Concen: 18.775 ug/l

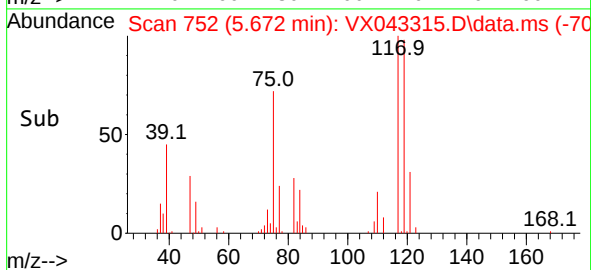
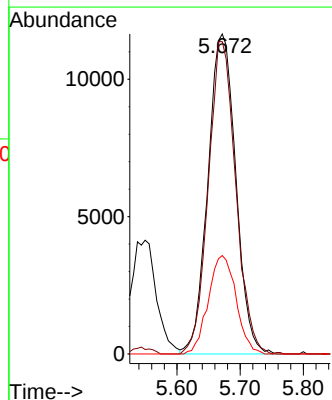
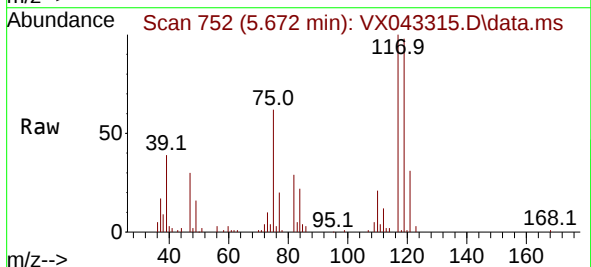
RT: 5.672 min Scan# 752

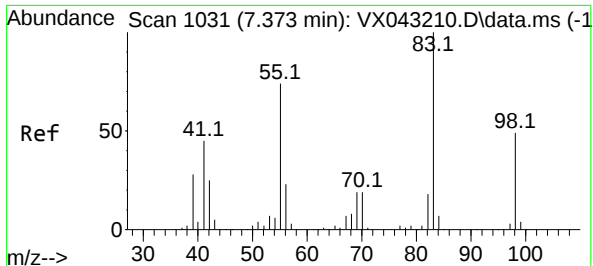
Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 35712     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 97.6 77.7 116.5 |
| 121          | 30.8 24.3 36.5  |





#39

Methylcyclohexane

Concen: 18.612 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

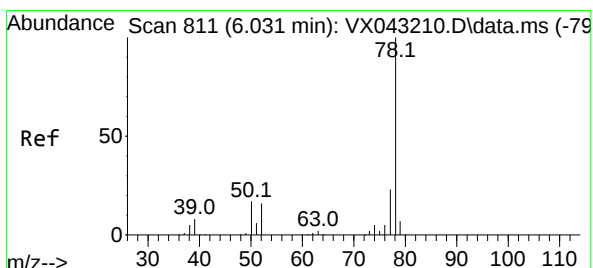
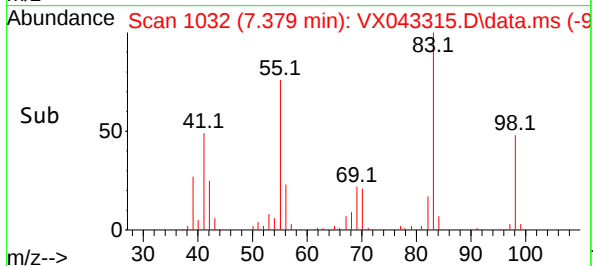
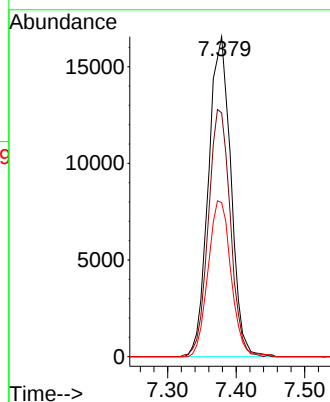
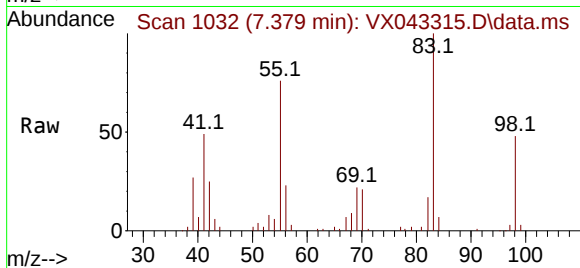
Tgt Ion: 83 Resp: 37612

Ion Ratio Lower Upper

83 100

55 76.2 59.4 89.2

98 48.2 39.3 58.9



#40

Benzene

Concen: 18.977 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX043315.D

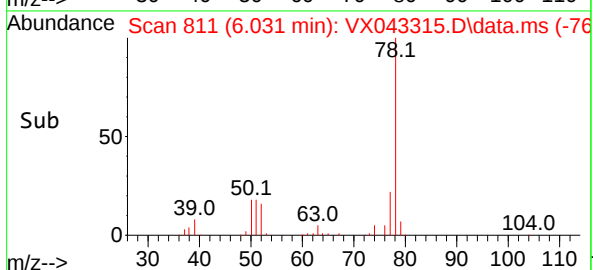
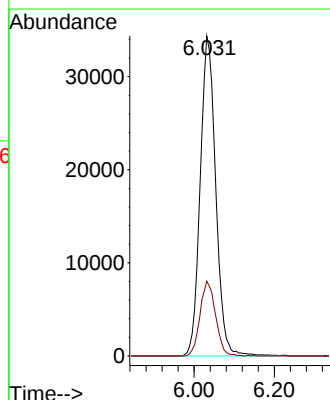
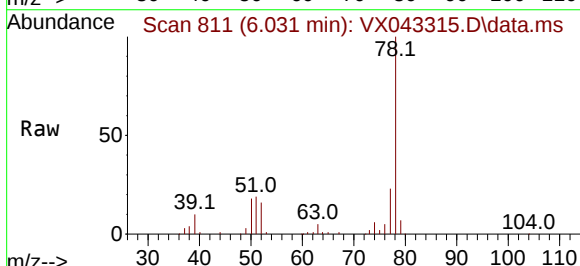
Acq: 08 Oct 2024 10:54

Tgt Ion: 78 Resp: 92448

Ion Ratio Lower Upper

78 100

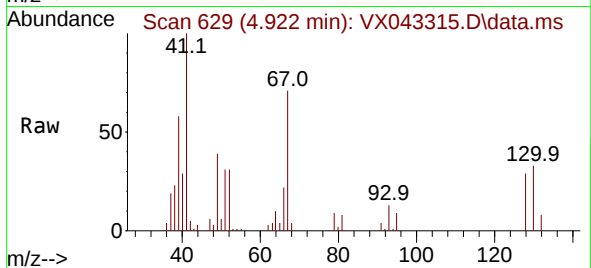
77 23.3 18.8 28.2



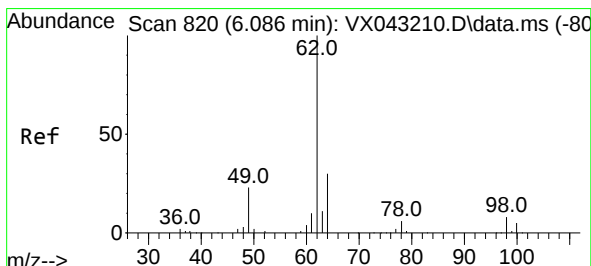
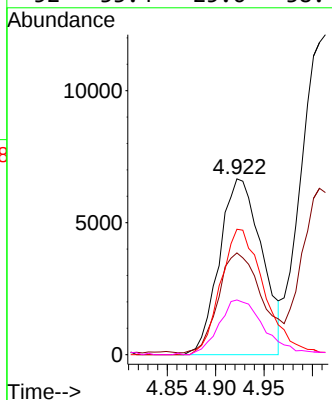
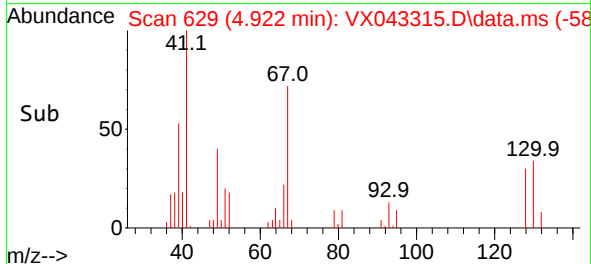


#41  
Methacrylonitrile  
Concen: 20.272 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

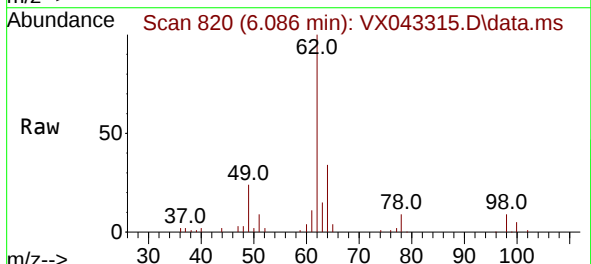
Instrument :  
MSVOA\_X  
ClientSampleId :



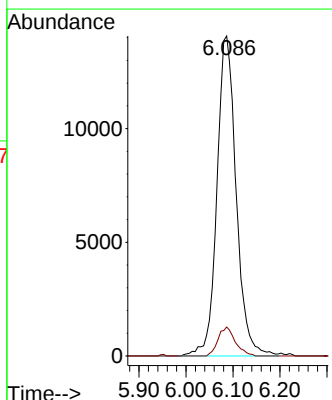
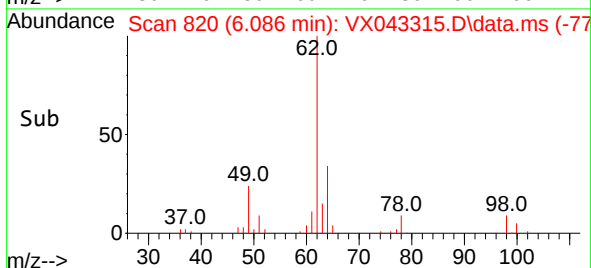
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 20362 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 59.2     | 45.0 67.4   |
| 67 73.5     | 56.0 84.0   |
| 52 33.4     | 25.6 38.4   |



#42  
1,2-Dichloroethane  
Concen: 20.205 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54



|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 40109 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.1      | 0.0 16.0    |





#43

Isopropyl Acetate

Concen: 20.310 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

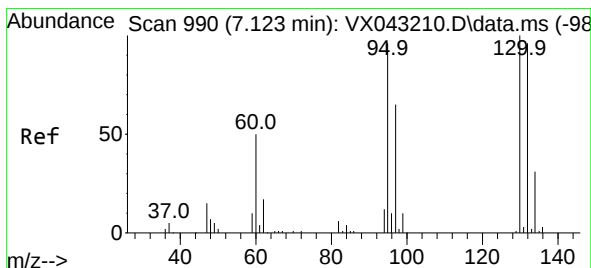
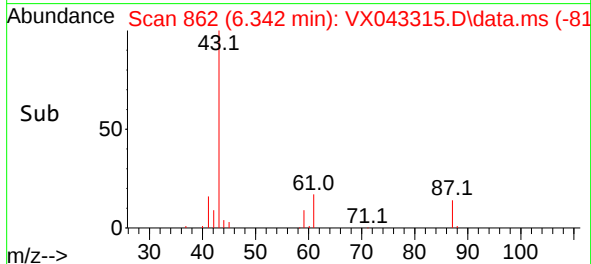
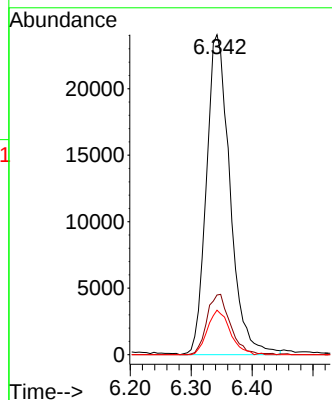
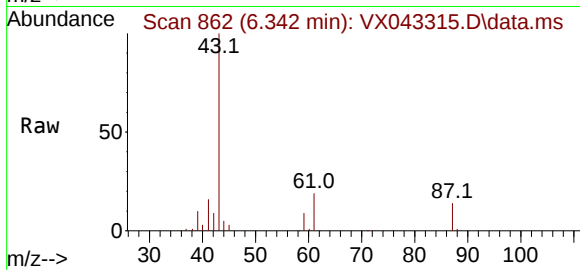
Tgt Ion: 43 Resp: 64730

Ion Ratio Lower Upper

43 100

61 18.7 15.1 22.7

87 13.4 10.8 16.2



#44

Trichloroethene

Concen: 18.189 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX043315.D

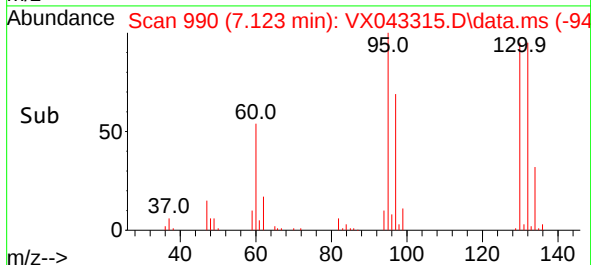
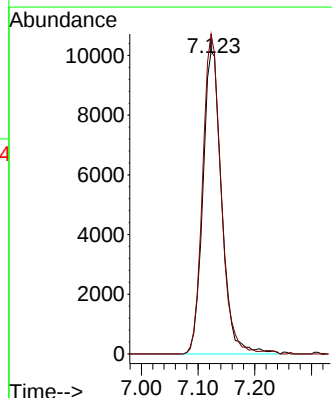
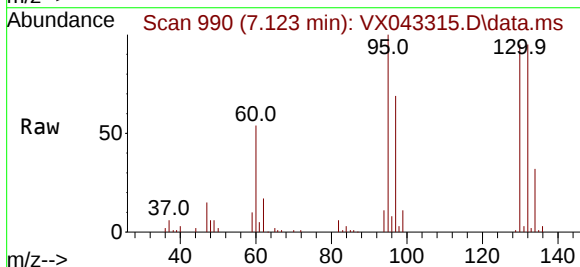
Acq: 08 Oct 2024 10:54

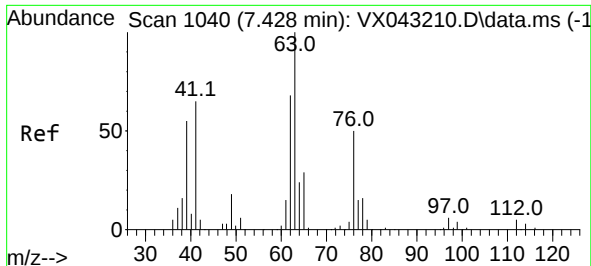
Tgt Ion:130 Resp: 23502

Ion Ratio Lower Upper

130 100

95 105.8 0.0 192.2





#45

1,2-Dichloropropane

Concen: 19.183 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

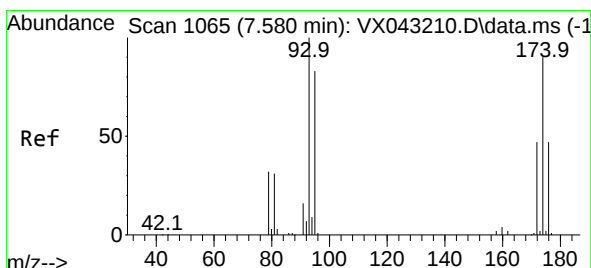
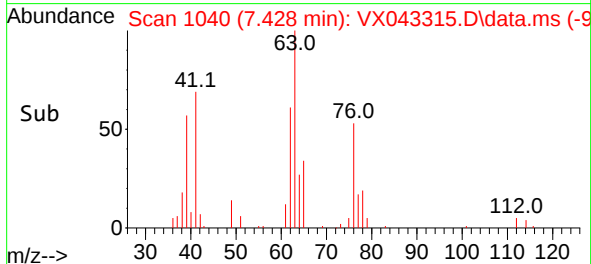
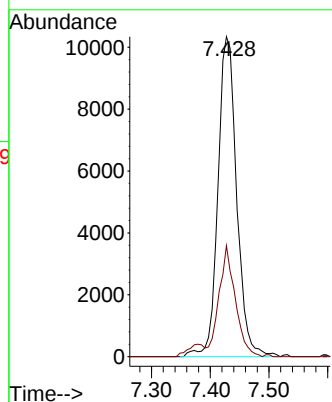
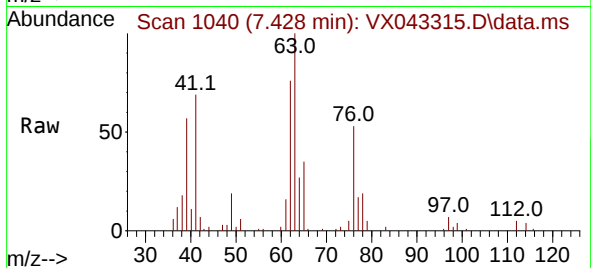
ClientSampleId :

Tgt Ion: 63 Resp: 22934

Ion Ratio Lower Upper

63 100

65 34.7 23.2 34.8



#46

Dibromomethane

Concen: 19.834 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

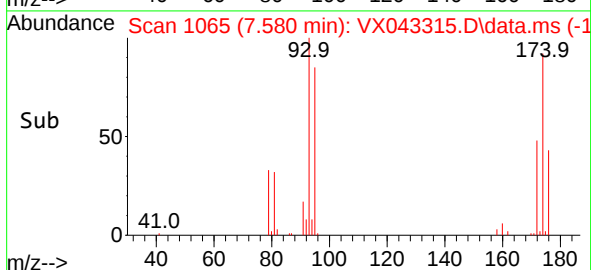
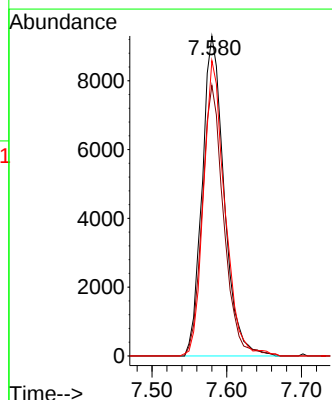
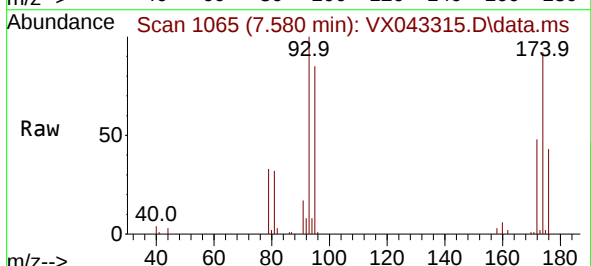
Tgt Ion: 93 Resp: 19001

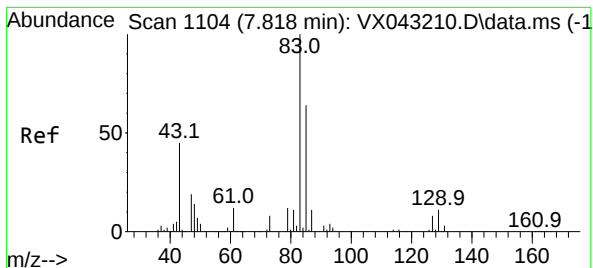
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

174 89.8 74.5 111.7





#47

Bromodichloromethane

Concen: 19.407 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX043315.D

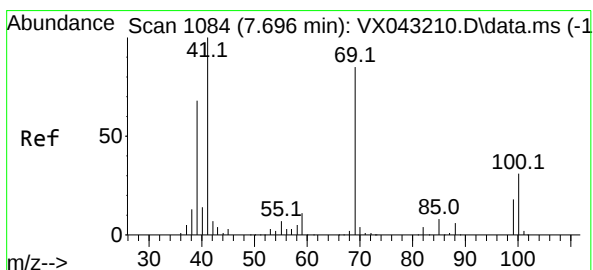
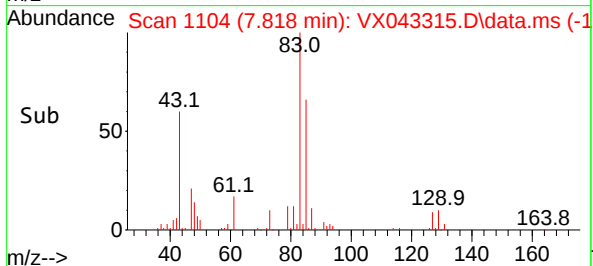
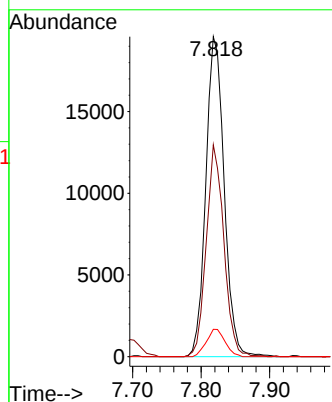
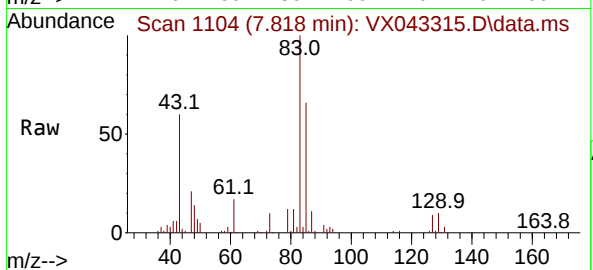
Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 36552 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.2  | 51.4  | 77.2  |
| 127      | 8.6   | 6.2   | 9.4   |



#48

Methyl methacrylate

Concen: 19.732 ug/l

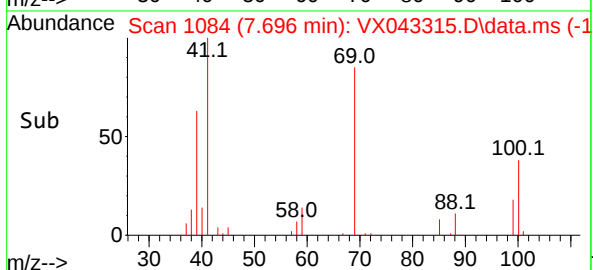
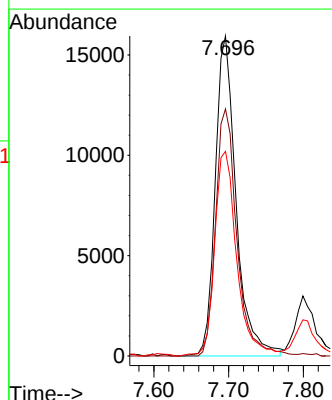
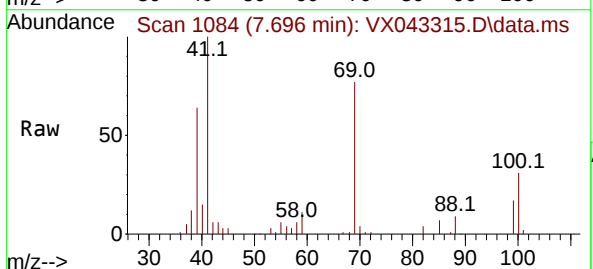
RT: 7.696 min Scan# 1084

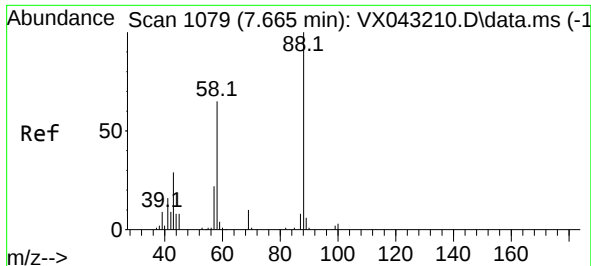
Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 30856 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 78.9  | 64.1  | 96.1  |
| 39       | 67.3  | 52.8  | 79.2  |

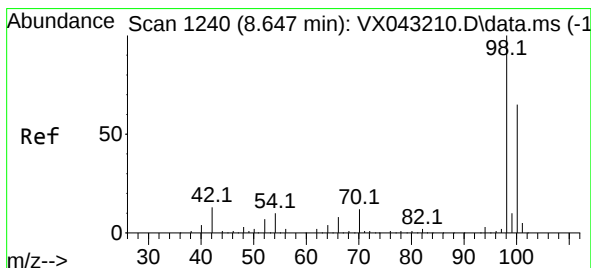
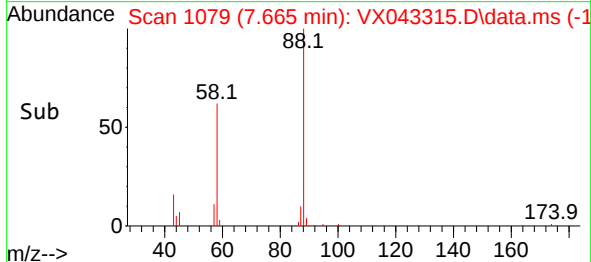
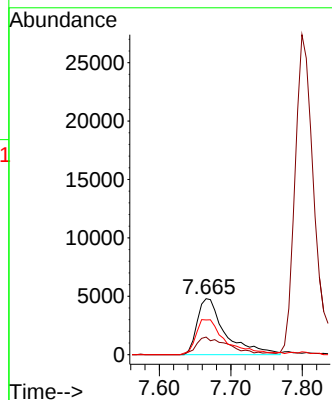
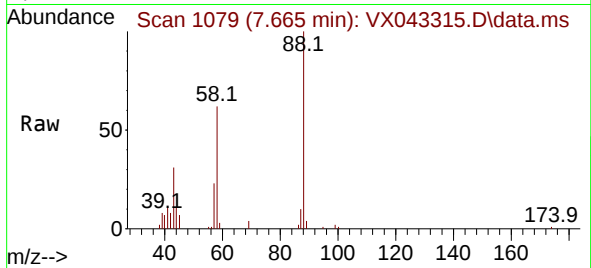




#49  
1,4-Dioxane  
Concen: 429.571 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

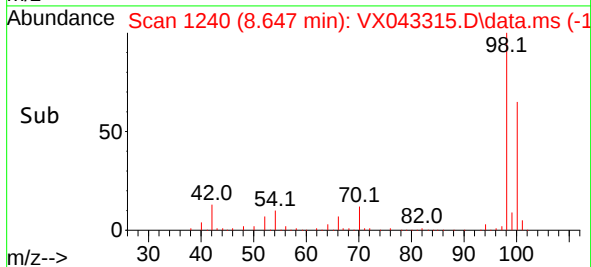
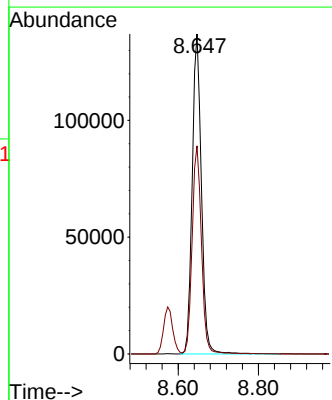
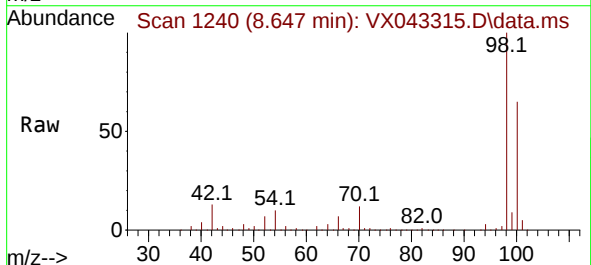
Instrument :  
MSVOA\_X  
ClientSampleId :

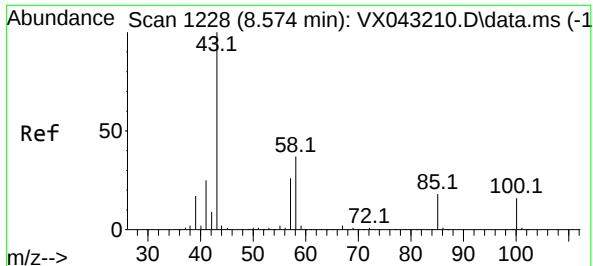
Tgt Ion: 88 Resp: 13058  
Ion Ratio Lower Upper  
88 100  
43 37.1 29.5 44.3  
58 66.4 55.2 82.8



#50  
Toluene-d8  
Concen: 49.597 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 98 Resp: 218605  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.4 78.6

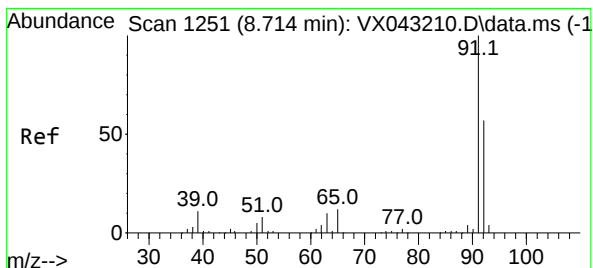
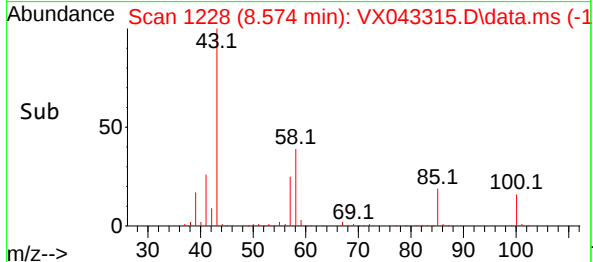
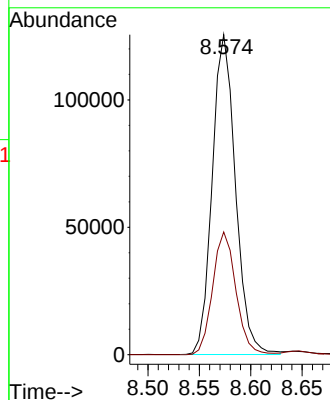
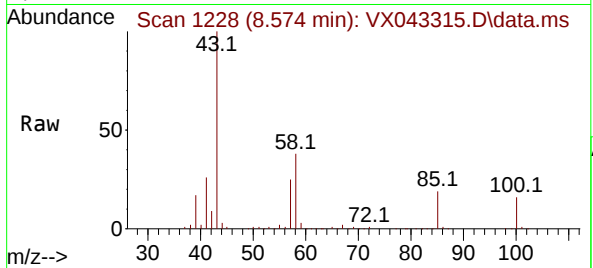




#51  
4-Methyl-2-Pentanone  
Concen: 102.057 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

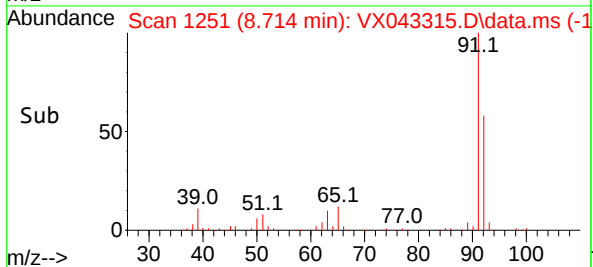
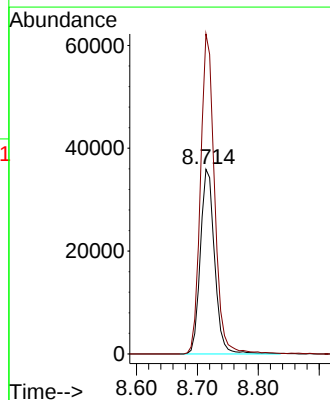
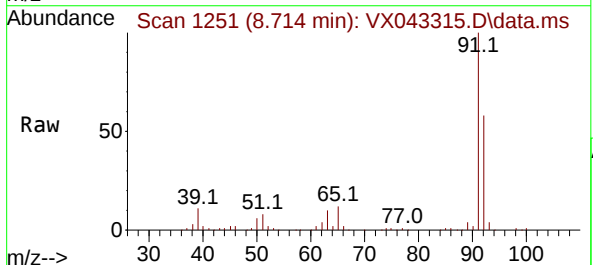
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 197549  
Ion Ratio Lower Upper  
43 100  
58 38.3 30.0 45.0



#52  
Toluene  
Concen: 19.102 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 92 Resp: 58323  
Ion Ratio Lower Upper  
92 100  
91 171.3 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.615 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

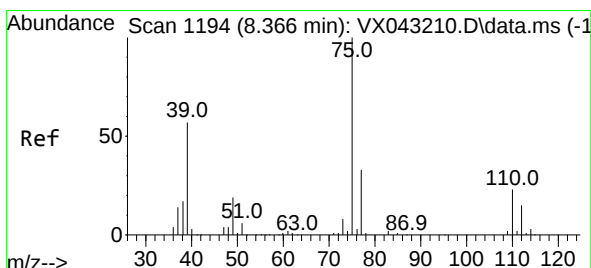
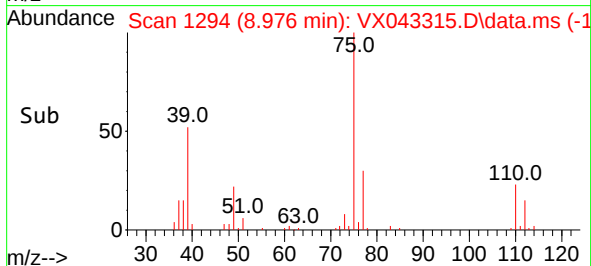
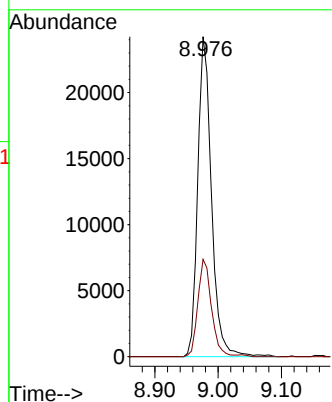
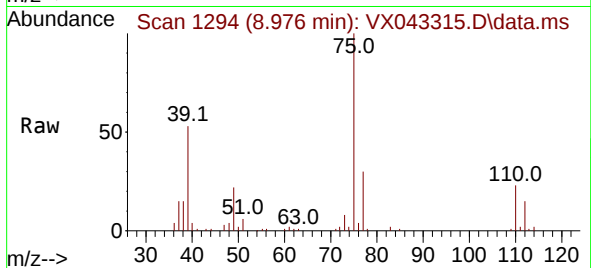
ClientSampleId :

Tgt Ion: 75 Resp: 36710

Ion Ratio Lower Upper

75 100

77 30.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.114 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

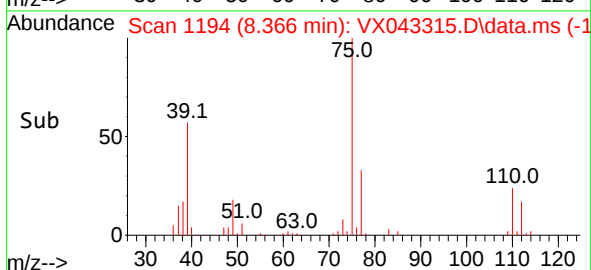
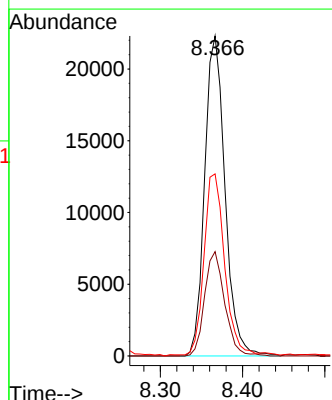
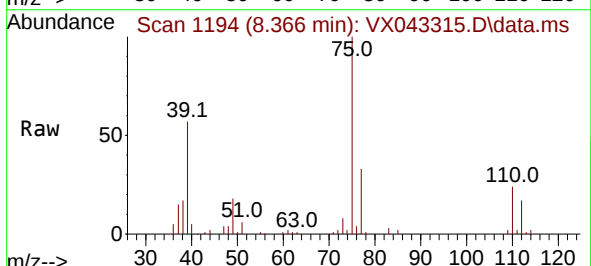
Tgt Ion: 75 Resp: 38367

Ion Ratio Lower Upper

75 100

77 32.6 26.0 39.0

39 56.6 45.8 68.8

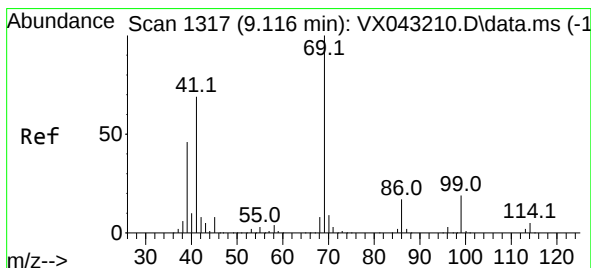
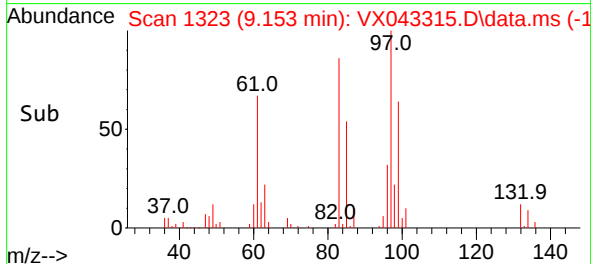
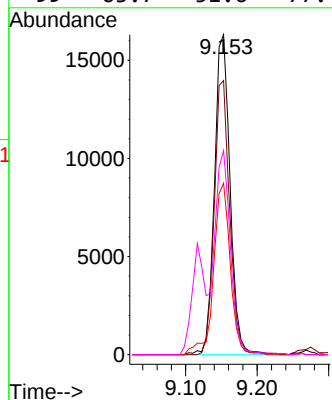
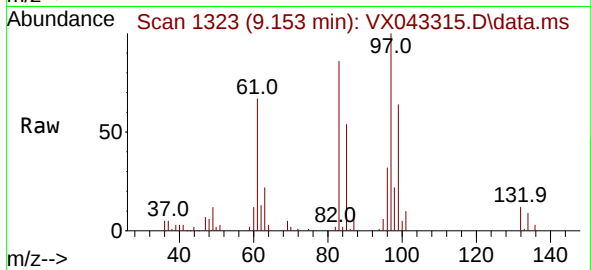




#55  
1,1,2-Trichloroethane  
Concen: 20.397 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

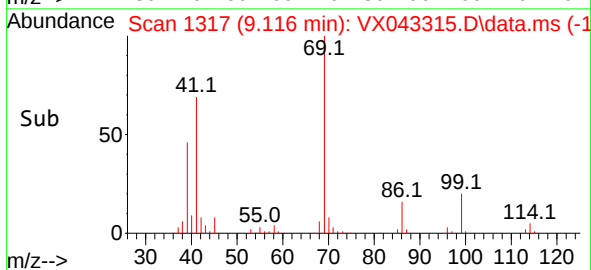
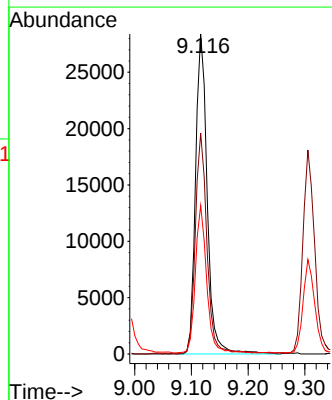
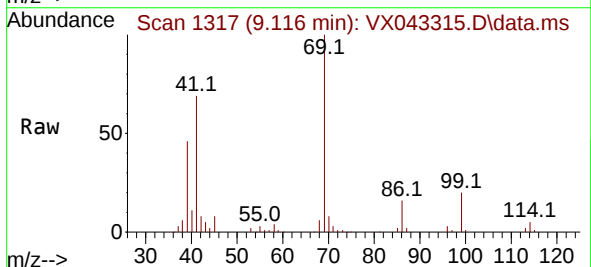
Instrument :  
MSVOA\_X  
ClientSampleId :

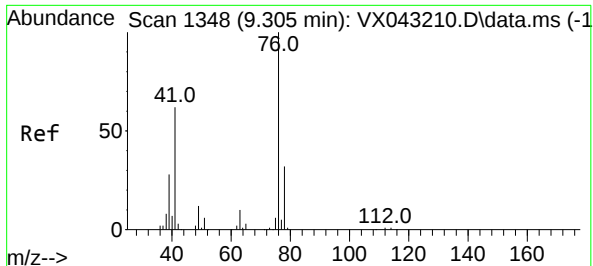
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 24749 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 85.6     | 66.9 100.3  |
| 85 53.6     | 43.9 65.9   |
| 99 63.7     | 51.6 77.4   |



#56  
Ethyl methacrylate  
Concen: 20.466 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 40600 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 69.3     | 56.1 84.1   |
| 39 45.1     | 36.4 54.6   |





#57

1,3-Dichloropropane

Concen: 19.879 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

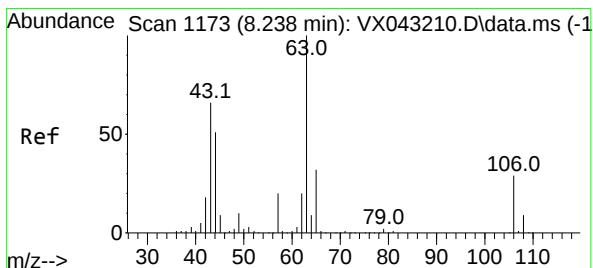
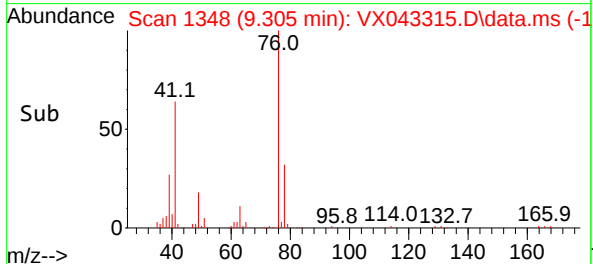
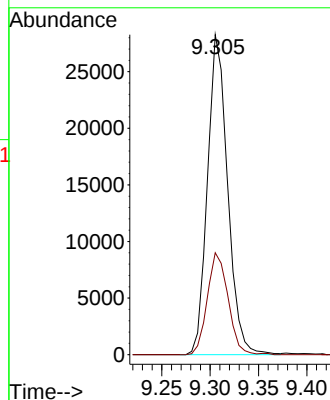
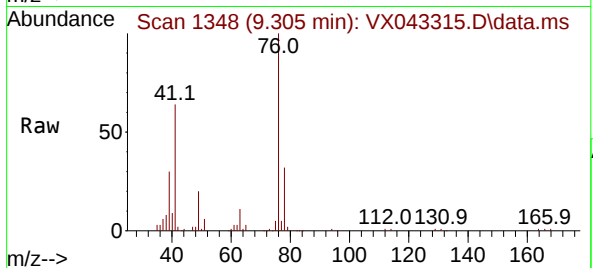
ClientSampleId :

Tgt Ion: 76 Resp: 41083

Ion Ratio Lower Upper

76 100

78 32.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 99.518 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX043315.D

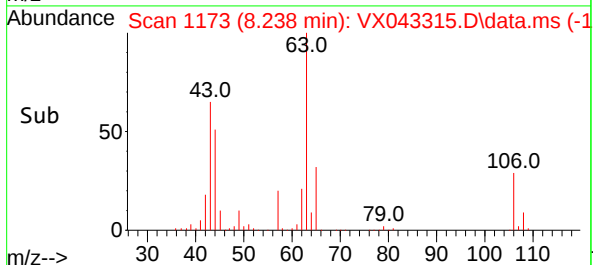
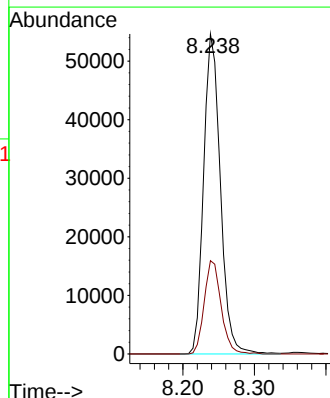
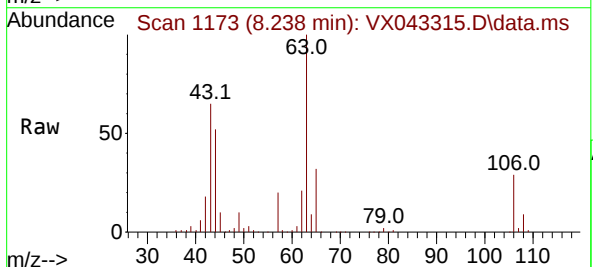
Acq: 08 Oct 2024 10:54

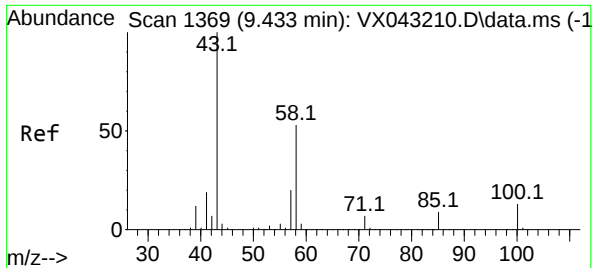
Tgt Ion: 63 Resp: 88988

Ion Ratio Lower Upper

63 100

106 29.4 23.7 35.5

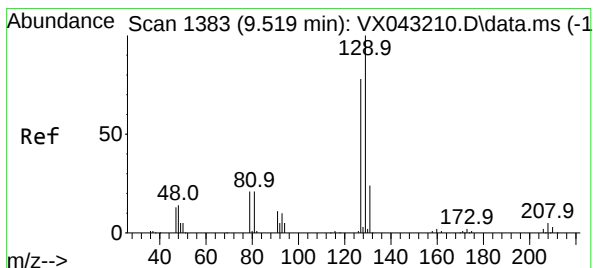
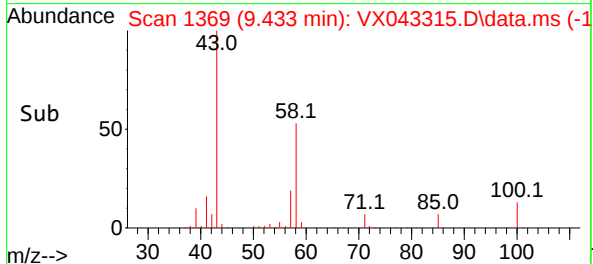
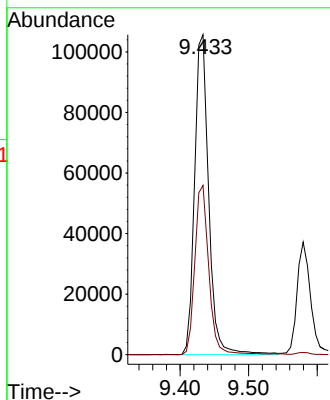
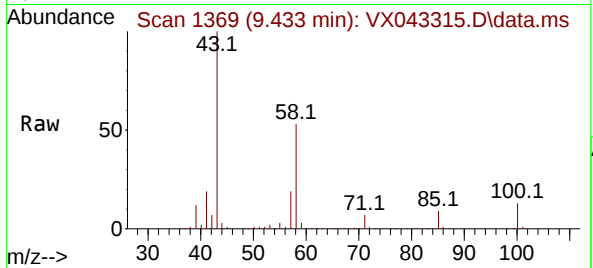




#59  
2-Hexanone  
Concen: 103.560 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

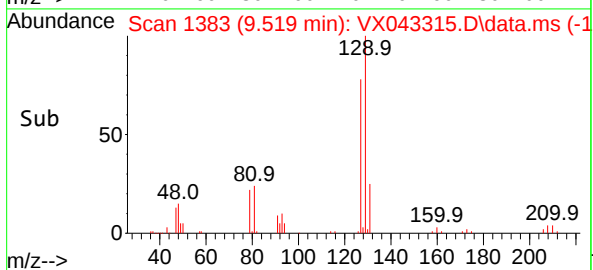
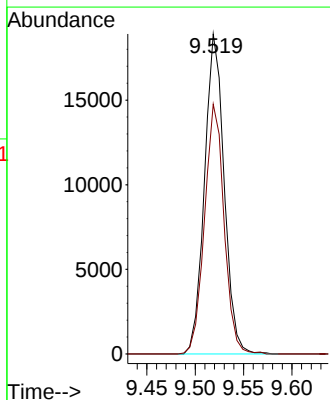
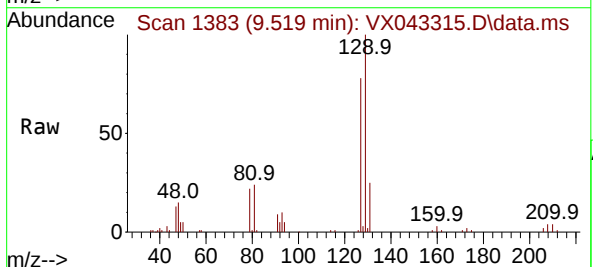
Instrument :  
MSVOA\_X  
ClientSampleId :

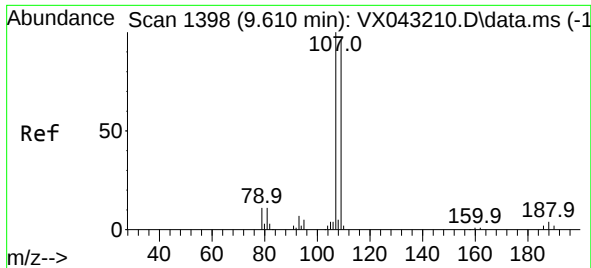
Tgt Ion: 43 Resp: 151589  
Ion Ratio Lower Upper  
43 100  
58 52.5 26.1 78.3



#60  
Dibromochloromethane  
Concen: 19.018 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 129 Resp: 26771  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.3 114.9

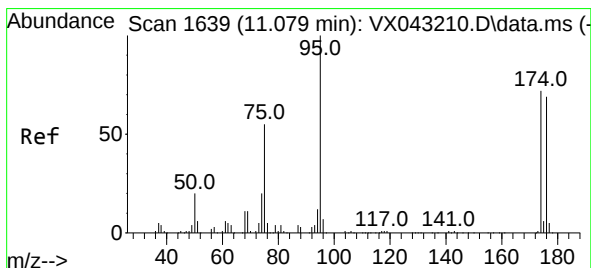
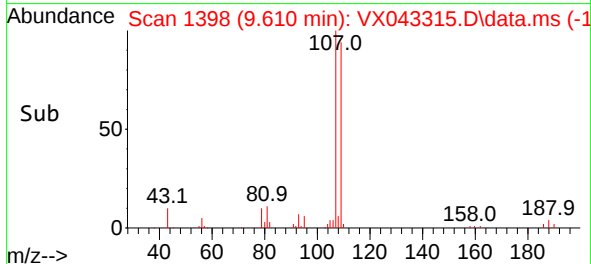
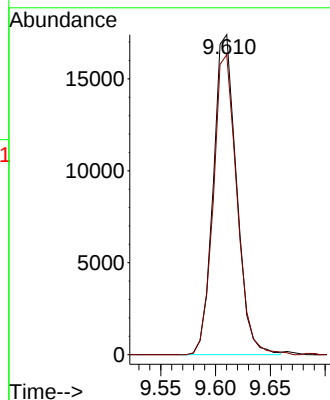
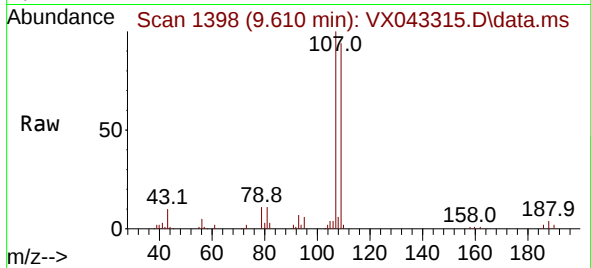




#61  
1,2-Dibromoethane  
Concen: 19.693 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

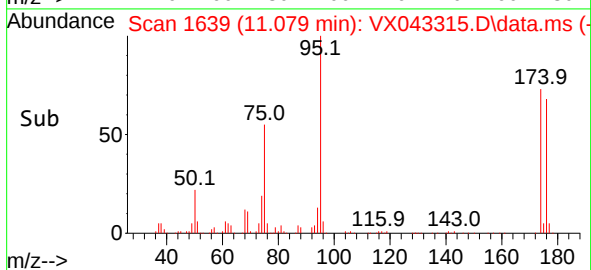
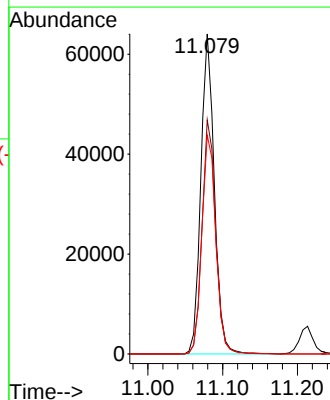
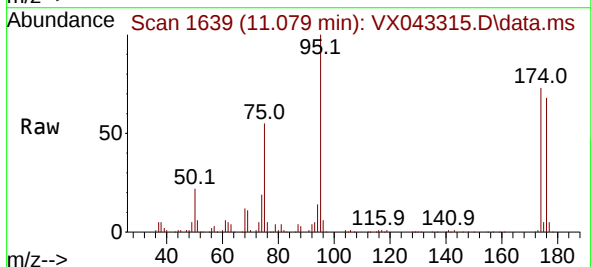
Instrument :  
MSVOA\_X  
ClientSampleId :

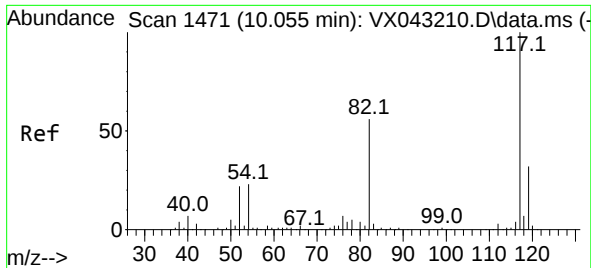
Tgt Ion:107 Resp: 25673  
Ion Ratio Lower Upper  
107 100  
109 95.2 76.1 114.1



#62  
4-Bromofluorobenzene  
Concen: 49.981 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 95 Resp: 80032  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 145.0  
176 71.0 0.0 143.0

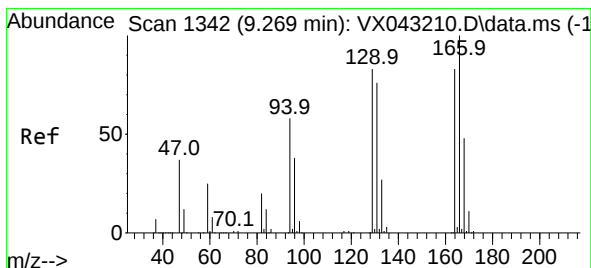
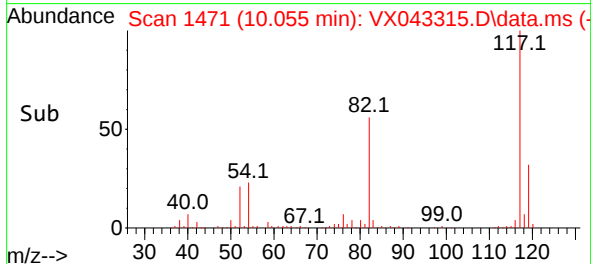
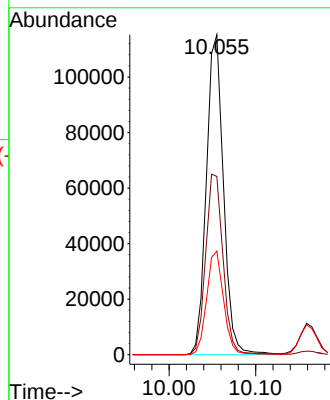
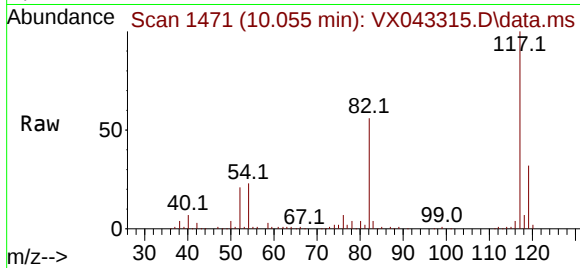




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

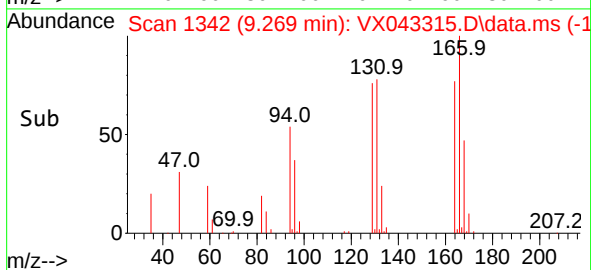
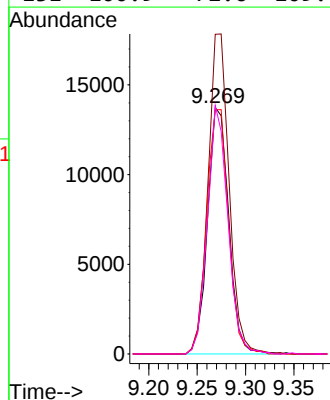
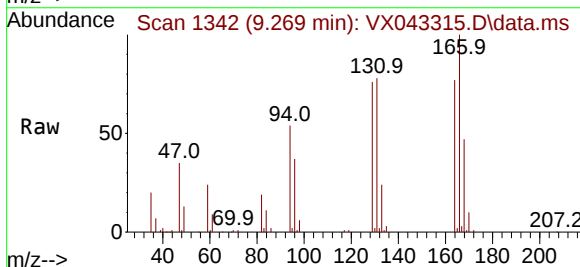
Instrument :  
MSVOA\_X  
ClientSampleId :

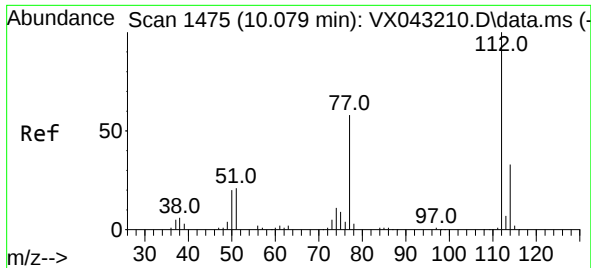
Tgt Ion:117 Resp: 158311  
Ion Ratio Lower Upper  
117 100  
82 55.7 45.0 67.6  
119 32.4 25.3 37.9



#64  
Tetrachloroethene  
Concen: 19.091 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion:164 Resp: 20971  
Ion Ratio Lower Upper  
164 100  
166 129.7 96.0 144.0  
129 99.1 79.4 119.0  
131 100.9 72.6 109.0

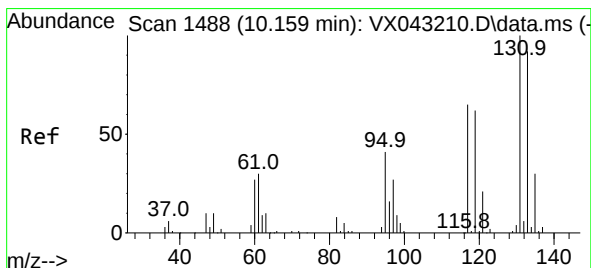
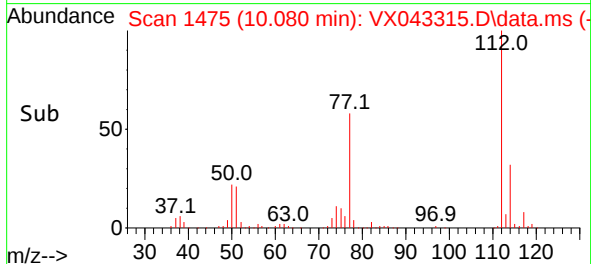
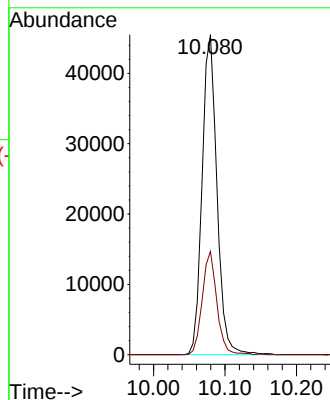
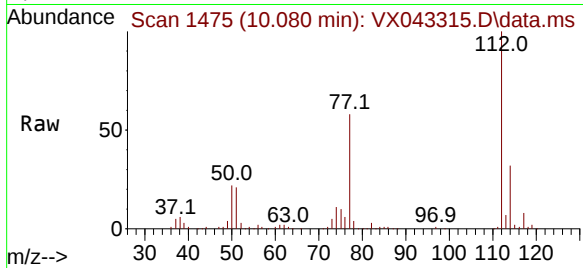




#65  
Chlorobenzene  
Concen: 19.294 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

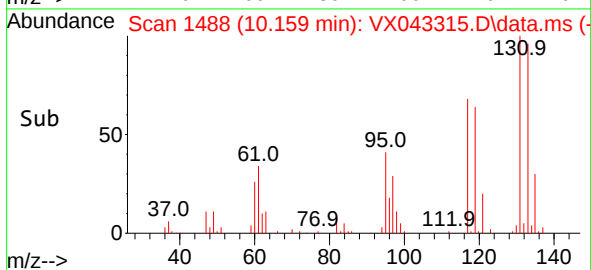
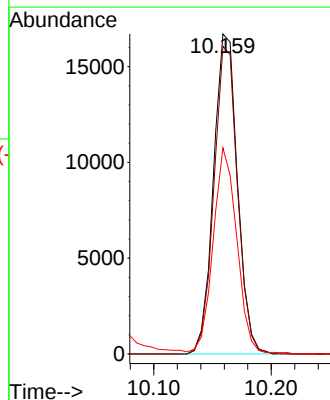
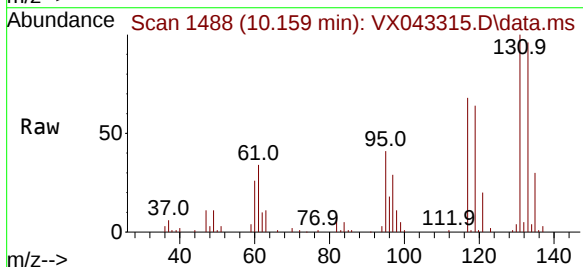
Instrument :  
MSVOA\_X  
ClientSampleId :

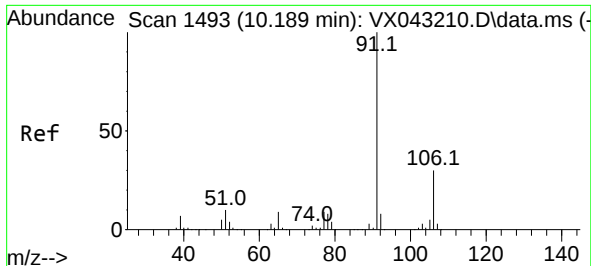
Tgt Ion:112 Resp: 65666  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.652 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion:131 Resp: 23651  
Ion Ratio Lower Upper  
131 100  
133 94.8 46.9 140.8  
119 63.6 31.7 95.1





#67

Ethyl Benzene

Concen: 19.169 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

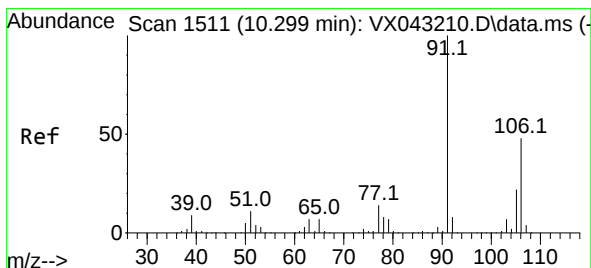
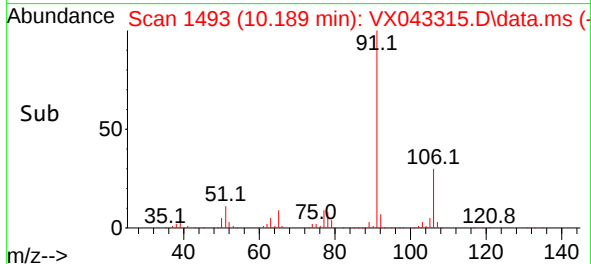
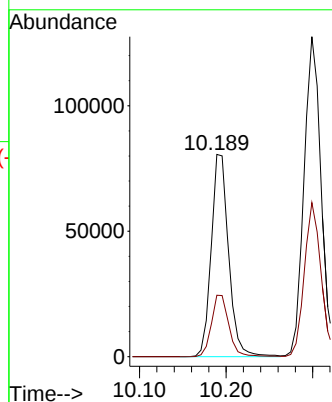
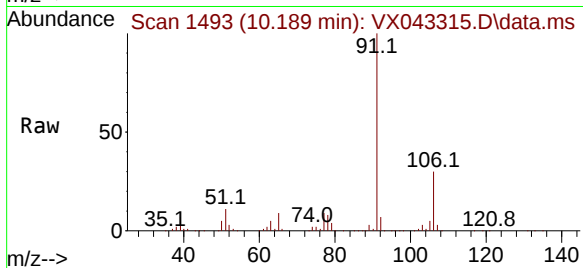
ClientSampleId :

Tgt Ion: 91 Resp: 112770

Ion Ratio Lower Upper

91 100

106 30.4 23.9 35.9



#68

m/p-Xylenes

Concen: 37.470 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043315.D

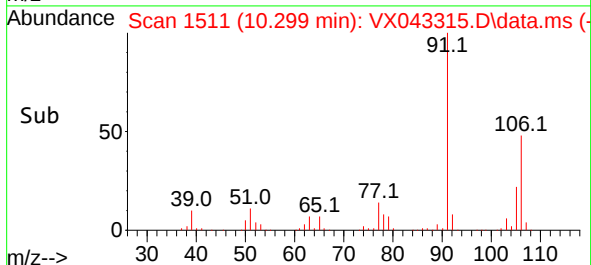
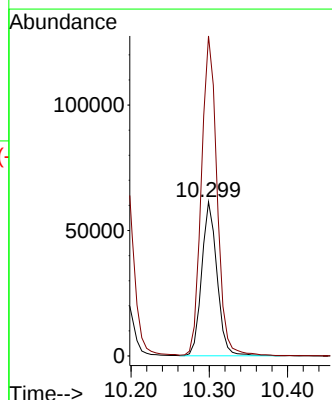
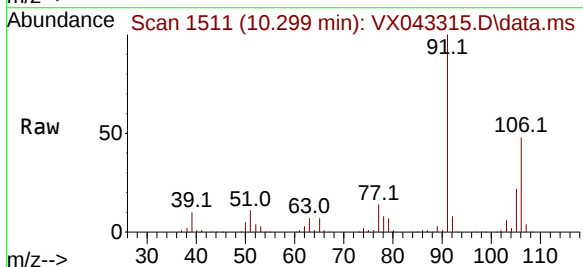
Acq: 08 Oct 2024 10:54

Tgt Ion:106 Resp: 83302

Ion Ratio Lower Upper

106 100

91 212.5 167.0 250.6

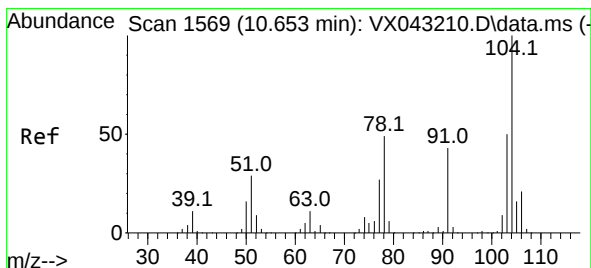
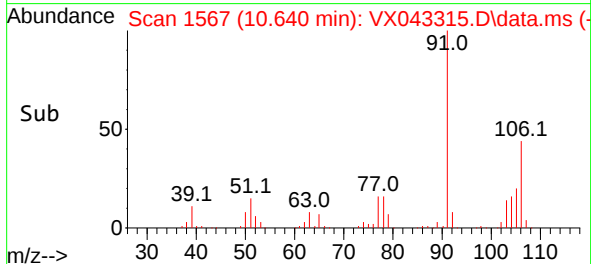
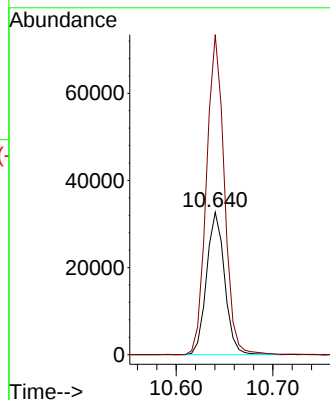
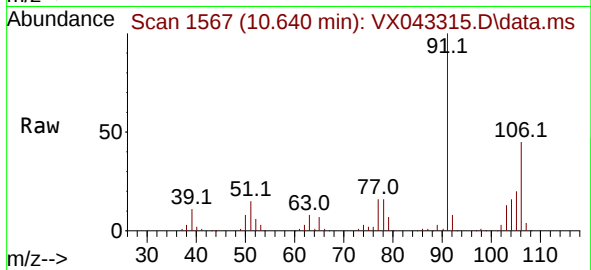




#69  
o-Xylene  
Concen: 19.232 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

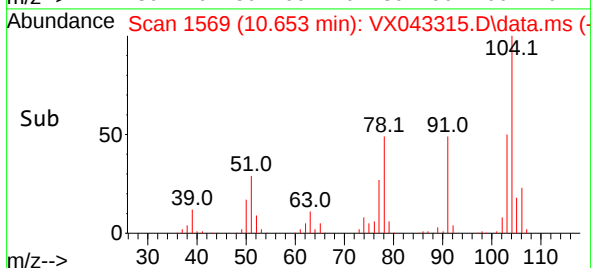
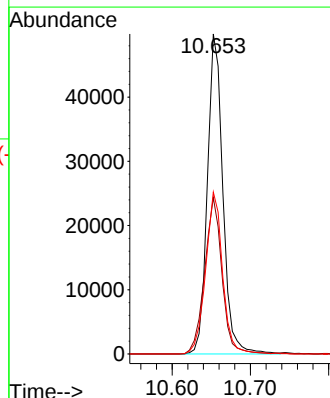
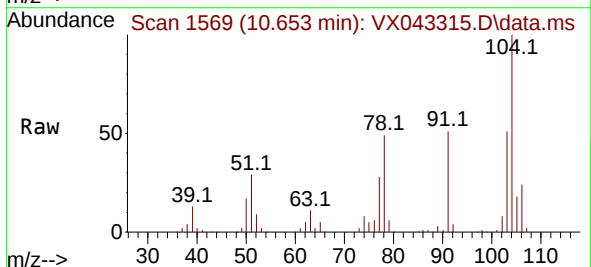
Instrument :  
MSVOA\_X  
ClientSampleId :

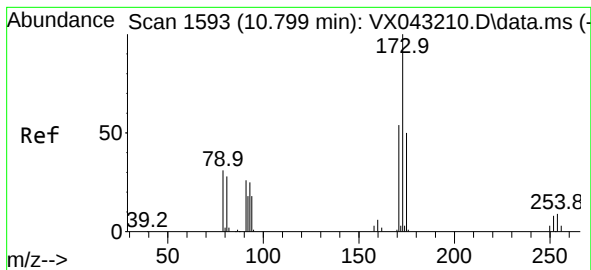
Tgt Ion:106 Resp: 42487  
Ion Ratio Lower Upper  
106 100  
91 222.2 111.6 334.8



#70  
Styrene  
Concen: 19.065 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion:104 Resp: 68256  
Ion Ratio Lower Upper  
104 100  
78 54.9 43.5 65.3  
103 55.5 43.9 65.9





#71

Bromoform

Concen: 18.992 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

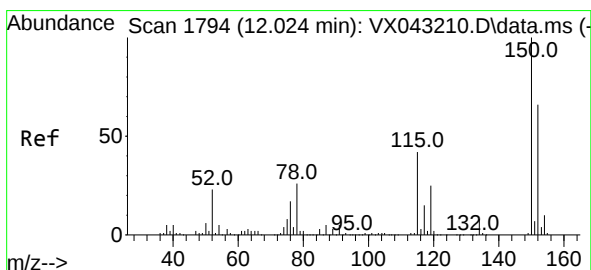
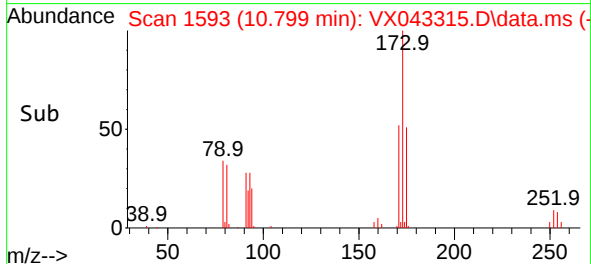
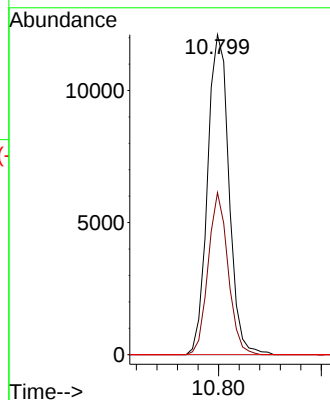
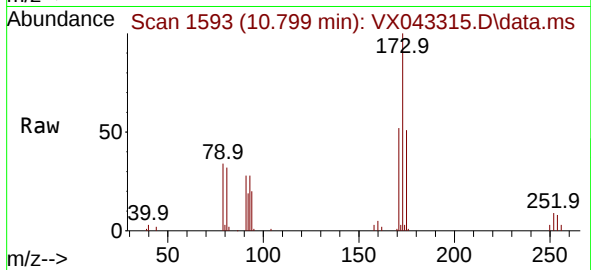
Tgt Ion:173 Resp: 17509

Ion Ratio Lower Upper

173 100

175 47.1 24.3 72.9

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

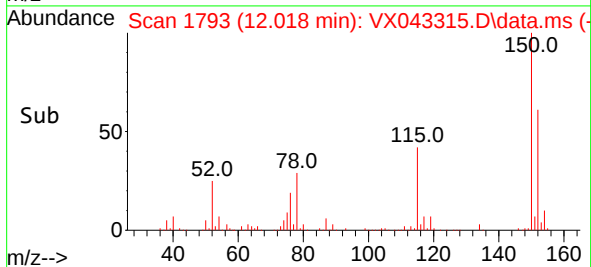
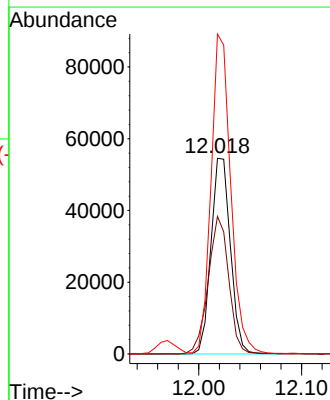
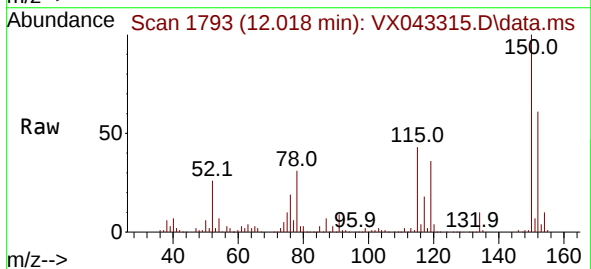
Tgt Ion:152 Resp: 71712

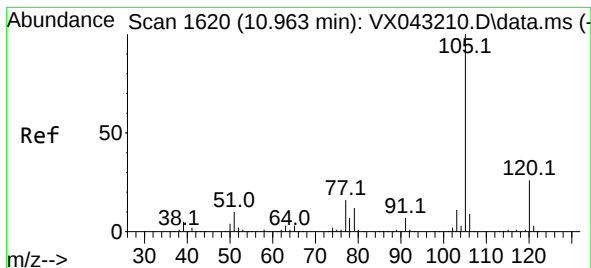
Ion Ratio Lower Upper

152 100

115 73.9 44.1 132.3

150 165.0 0.0 347.4





#73

Isopropylbenzene

Concen: 19.681 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

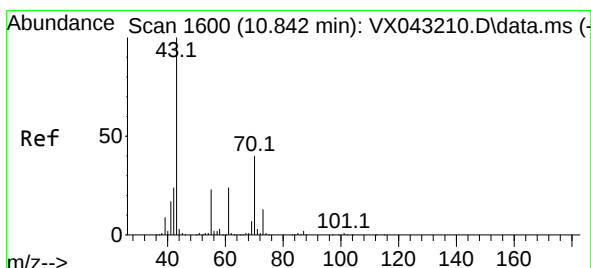
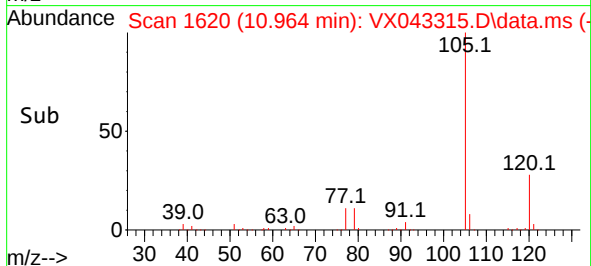
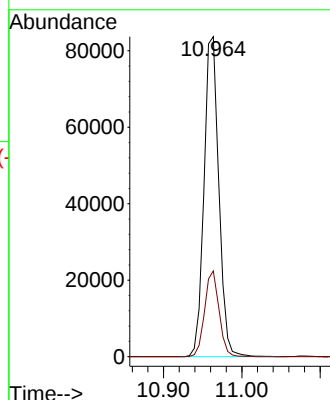
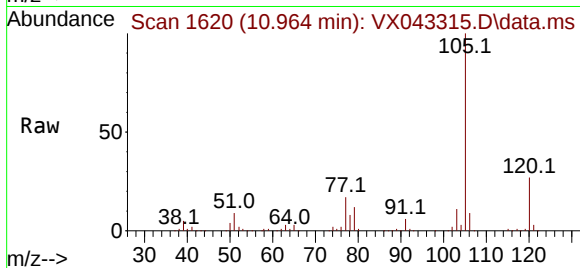
ClientSampleId :

Tgt Ion:105 Resp: 109731

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#74

N-ethyl acetate

Concen: 19.518 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Tgt Ion: 43 Resp: 51658

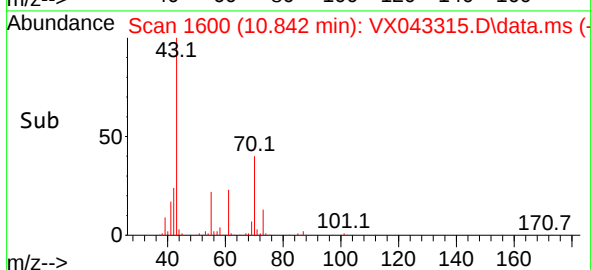
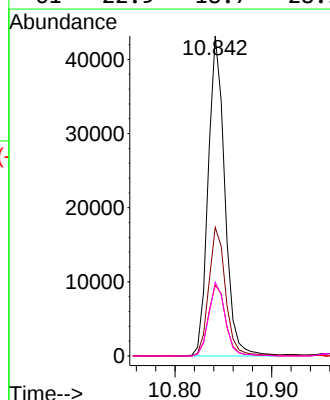
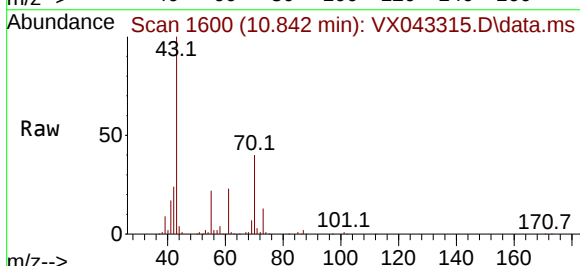
Ion Ratio Lower Upper

43 100

70 40.6 33.1 49.7

55 23.1 18.6 27.8

61 22.9 18.7 28.1

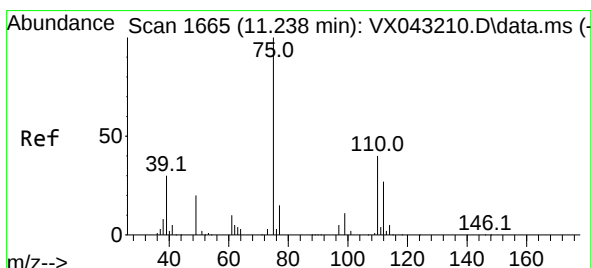
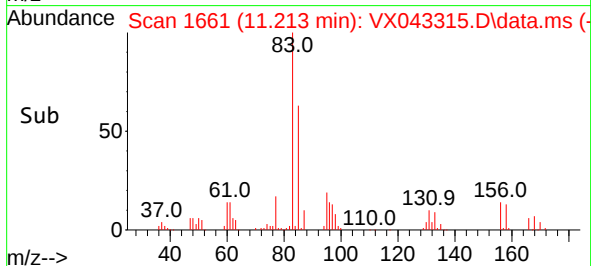
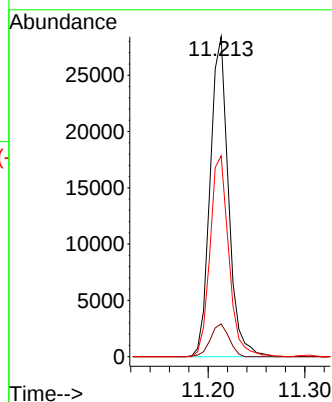
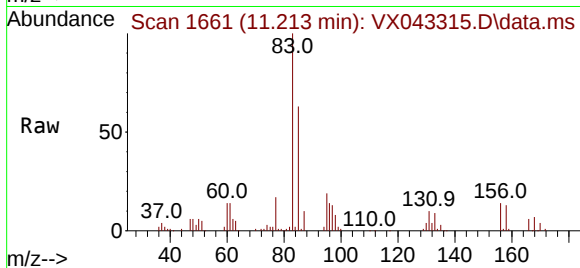




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.552 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

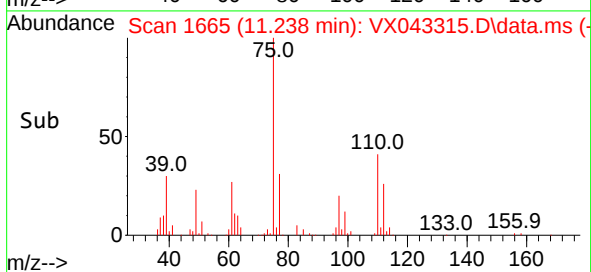
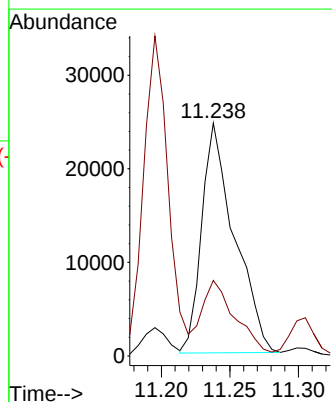
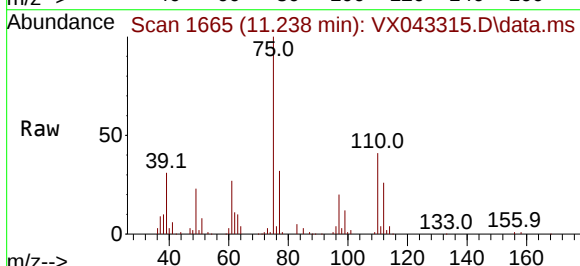
Instrument :  
MSVOA\_X  
ClientSampleId :

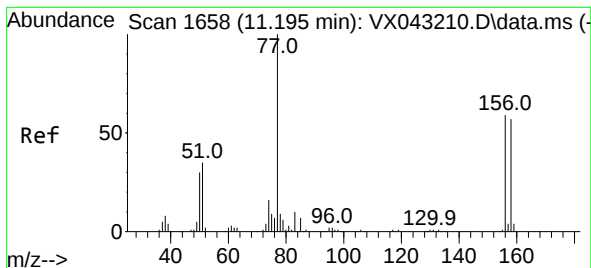
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 37328 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.5  | 5.2   | 15.6  |
| 85       | 64.4  | 31.9  | 95.5  |



#76  
1,2,3-Trichloropropane  
Concen: 25.748 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 40956 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 34.0  | 22.0  | 66.0  |





#77

Bromobenzene

Concen: 19.392 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

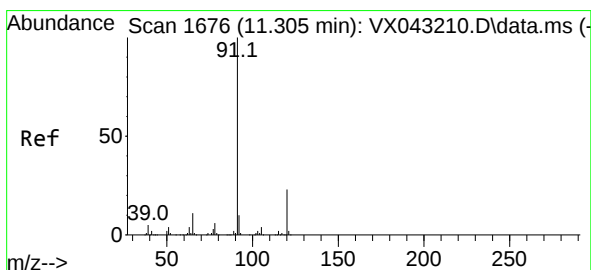
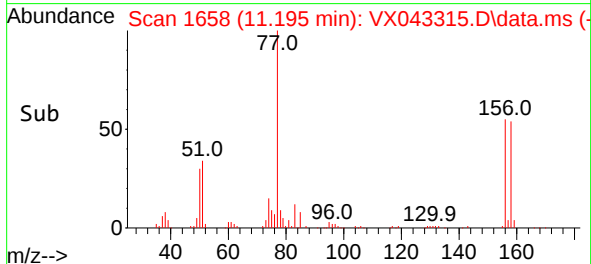
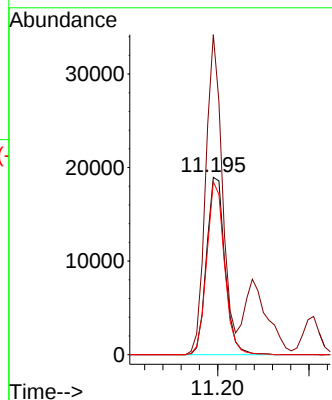
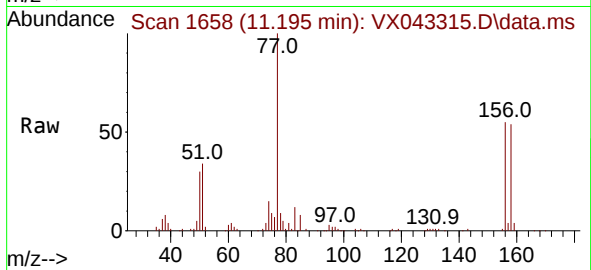
Tgt Ion:156 Resp: 26311

Ion Ratio Lower Upper

156 100

77 164.0 82.0 245.8

158 94.7 48.1 144.3



#78

n-propylbenzene

Concen: 20.031 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043315.D

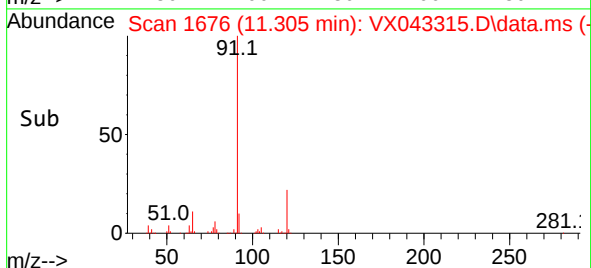
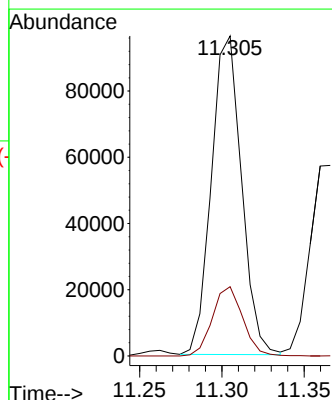
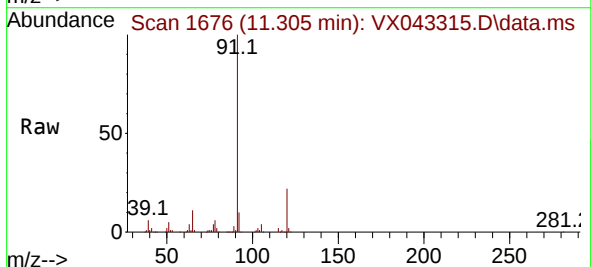
Acq: 08 Oct 2024 10:54

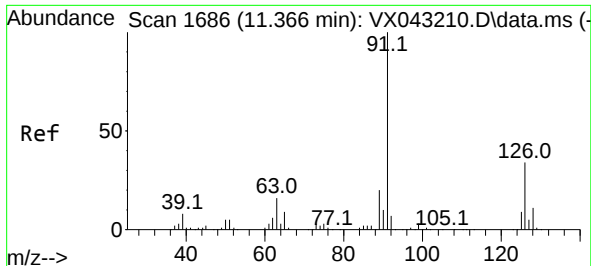
Tgt Ion: 91 Resp: 122603

Ion Ratio Lower Upper

91 100

120 21.9 11.4 34.1





#79

2-Chlorotoluene

Concen: 19.530 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

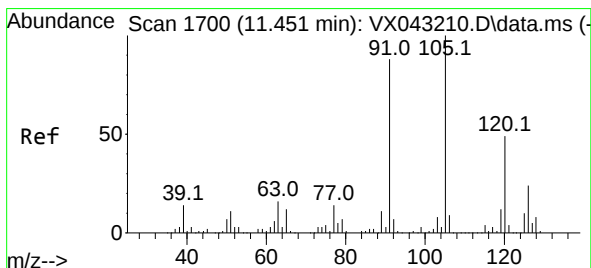
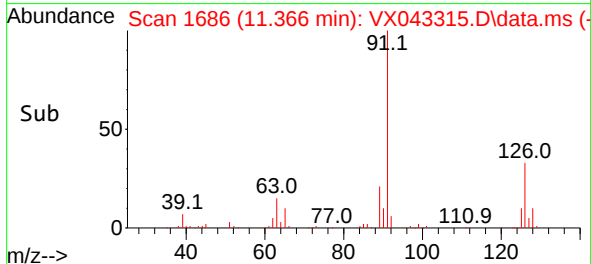
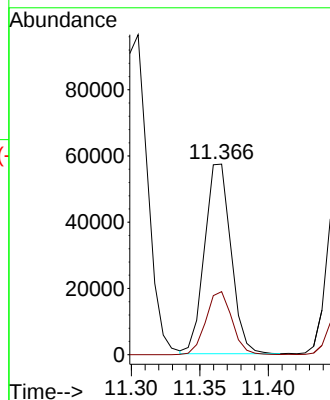
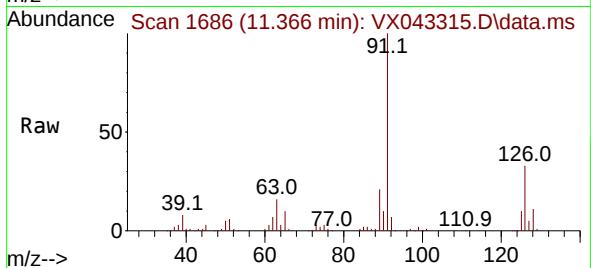
ClientSampleId :

Tgt Ion: 91 Resp: 76848

Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 19.751 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043315.D

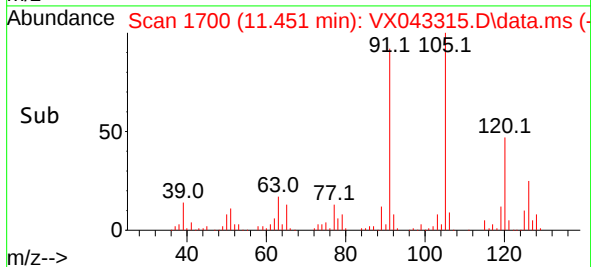
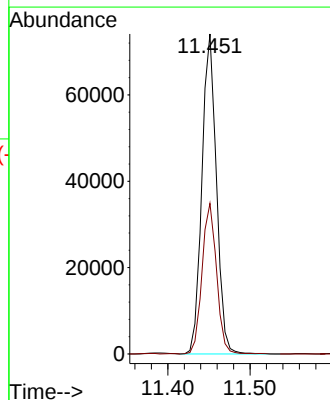
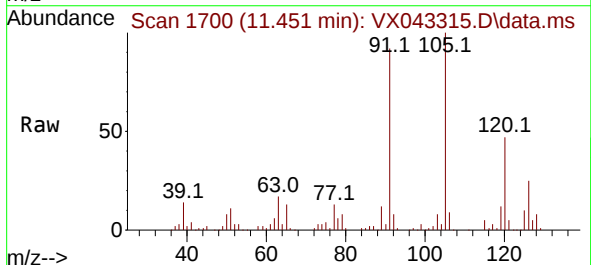
Acq: 08 Oct 2024 10:54

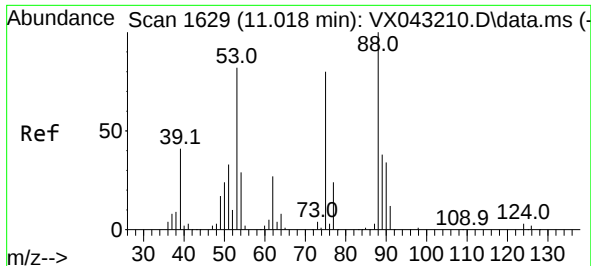
Tgt Ion: 105 Resp: 90838

Ion Ratio Lower Upper

105 100

120 47.0 23.9 71.8

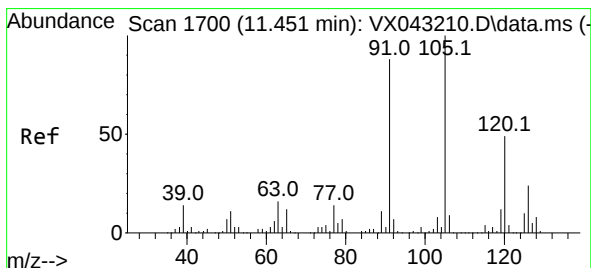
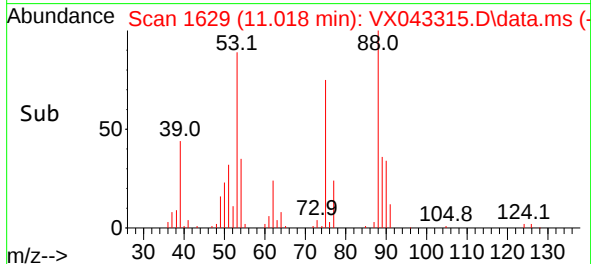
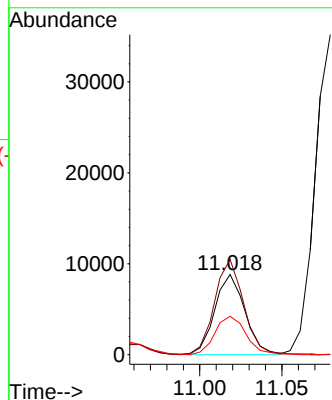
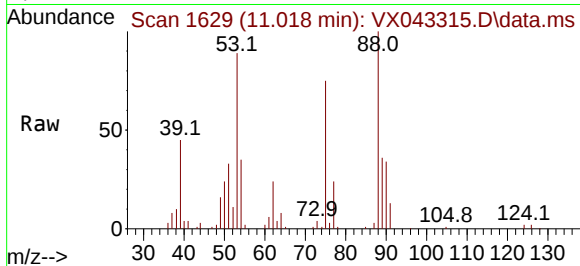




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.333 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

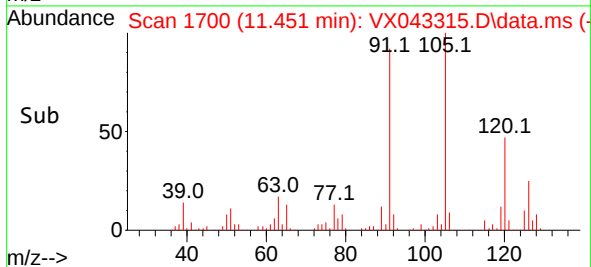
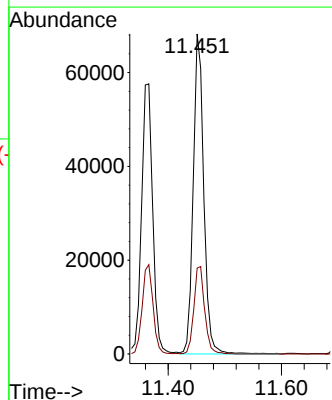
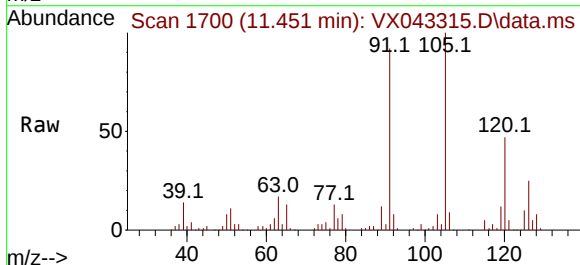
Instrument :  
MSVOA\_X  
ClientSampleId :

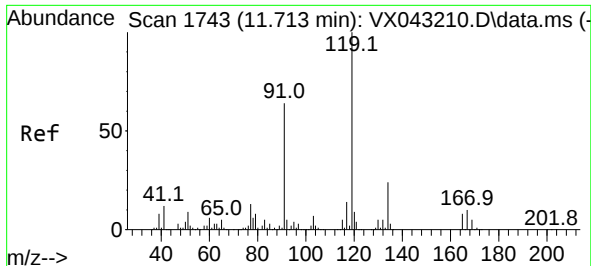
Tgt Ion: 75 Resp: 11252  
Ion Ratio Lower Upper  
75 100  
53 114.9 83.9 125.9  
89 49.2 38.6 58.0



#82  
4-Chlorotoluene  
Concen: 19.671 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion: 91 Resp: 88178  
Ion Ratio Lower Upper  
91 100  
126 28.1 14.1 42.3

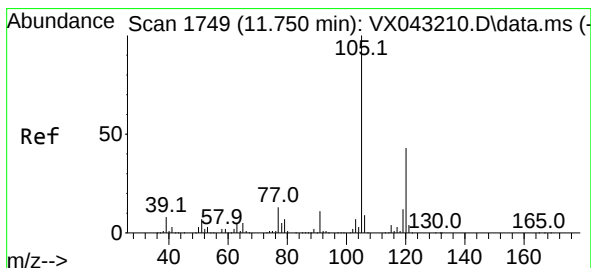
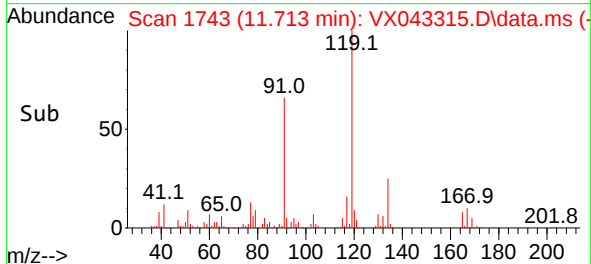
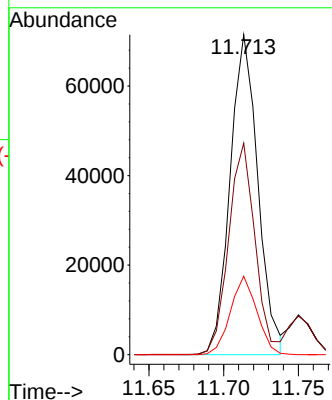
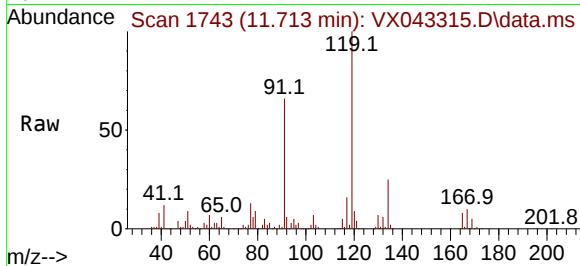




#83  
tert-Butylbenzene  
Concen: 19.521 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

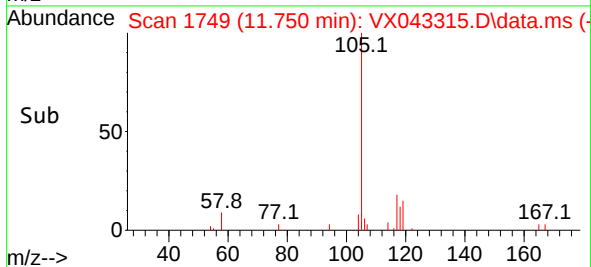
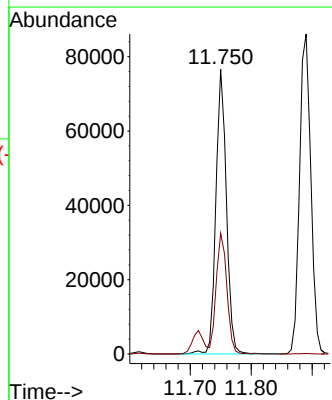
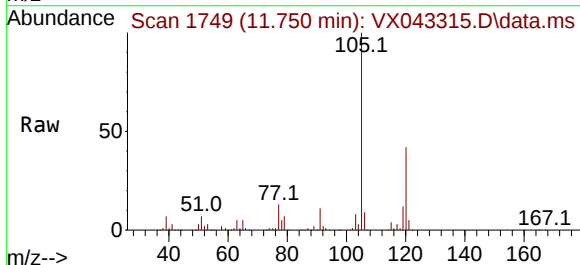
Instrument :  
MSVOA\_X  
ClientSampleId :

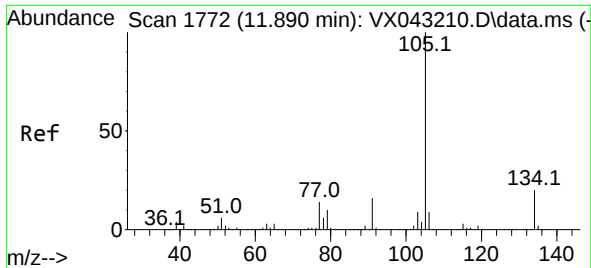
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.4  | 31.0  | 93.0  |
| 134     | 23.3  | 11.5  | 34.4  |



#84  
1,2,4-Trimethylbenzene  
Concen: 19.796 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 42.9  | 21.2  | 63.6  |

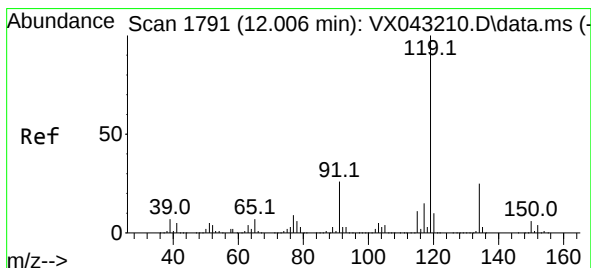
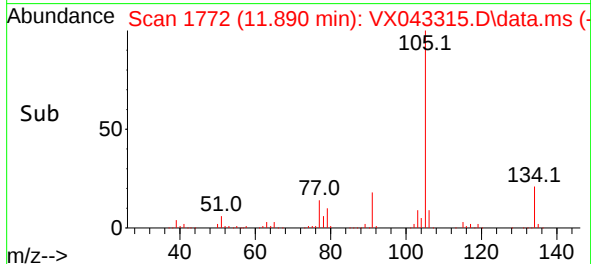
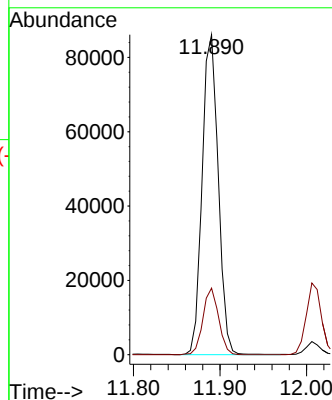
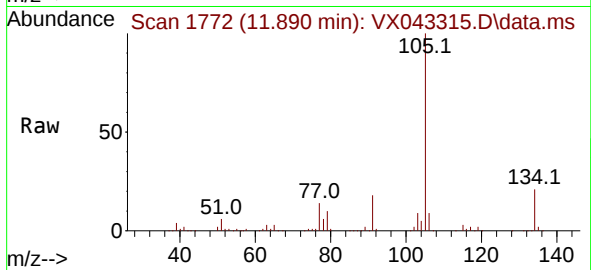




#85  
 sec-Butylbenzene  
 Concen: 19.784 ug/l  
 RT: 11.890 min Scan# 111128  
 Delta R.T. 0.000 min  
 Lab File: VX043315.D  
 Acq: 08 Oct 2024 10:54

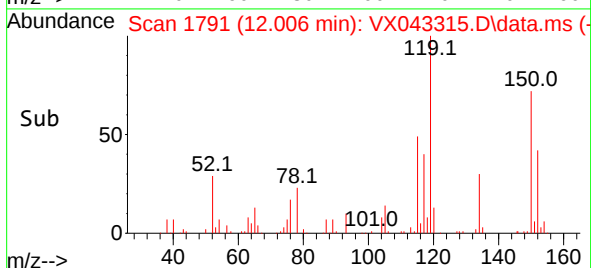
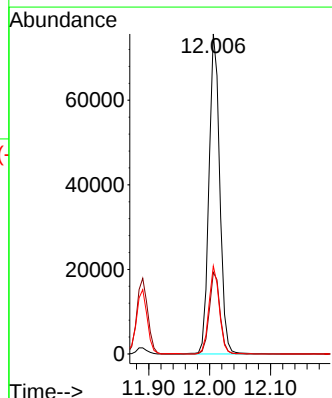
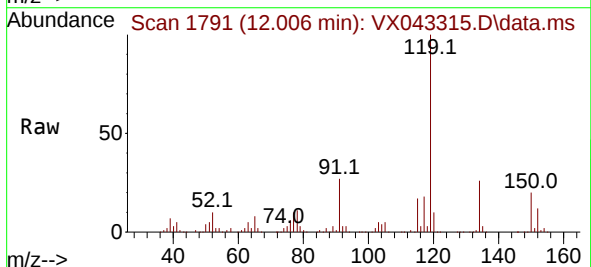
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:105 Resp: 111128  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 19.825 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX043315.D  
 Acq: 08 Oct 2024 10:54

Tgt Ion:119 Resp: 92908  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 13.0 38.9  
 91 26.5 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 19.615 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

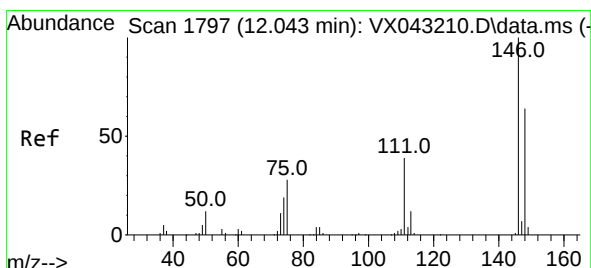
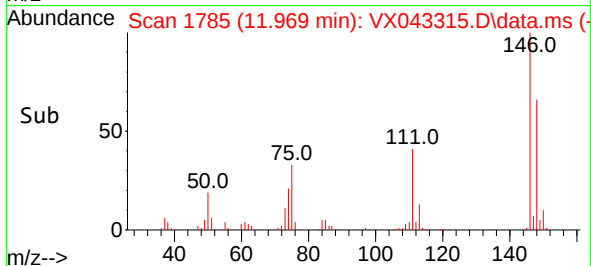
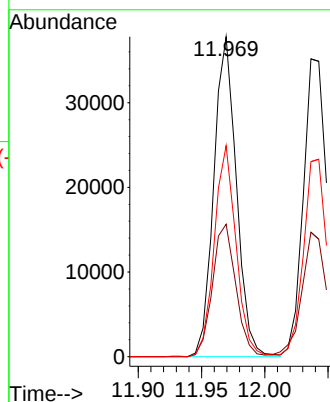
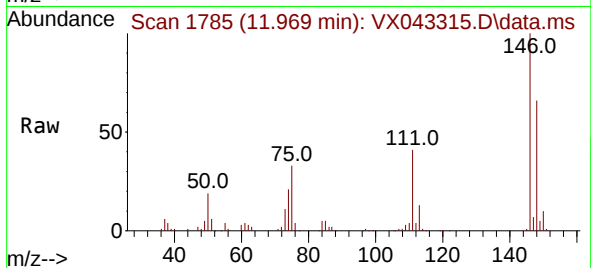
Tgt Ion:146 Resp: 46883

Ion Ratio Lower Upper

146 100

111 43.0 21.8 65.3

148 63.5 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 19.038 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

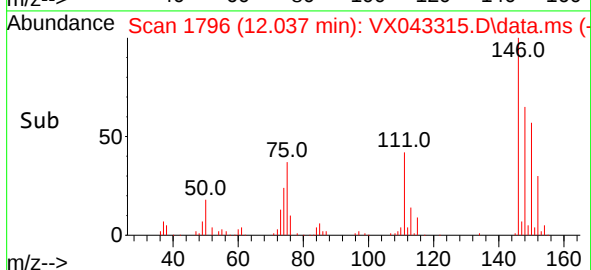
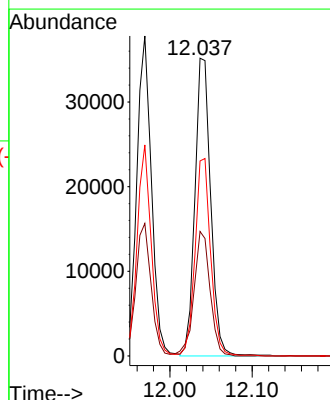
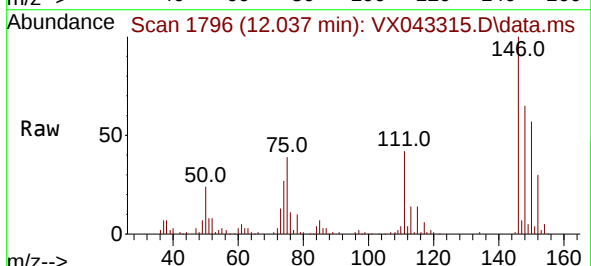
Tgt Ion:146 Resp: 46912

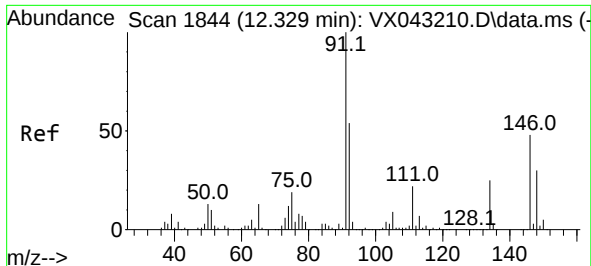
Ion Ratio Lower Upper

146 100

111 42.7 20.8 62.5

148 65.7 32.4 97.0





#89

n-Butylbenzene

Concen: 19.595 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

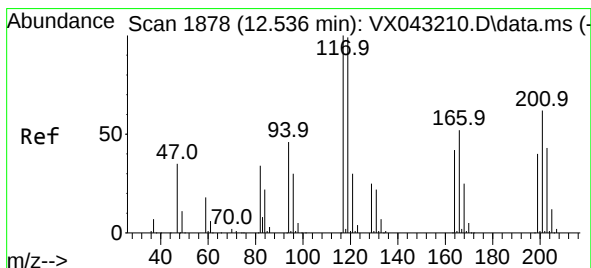
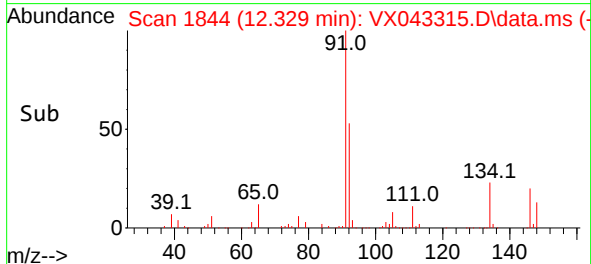
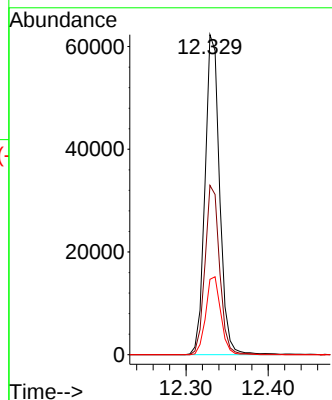
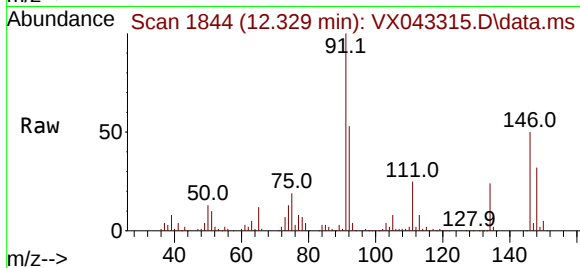
Tgt Ion: 91 Resp: 76880

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|    |     |  |  |
|----|-----|--|--|
| 91 | 100 |  |  |
|----|-----|--|--|

|    |      |      |      |
|----|------|------|------|
| 92 | 53.0 | 27.0 | 81.0 |
|----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 134 | 25.0 | 12.9 | 38.6 |
|-----|------|------|------|



#90

Hexachloroethane

Concen: 19.095 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043315.D

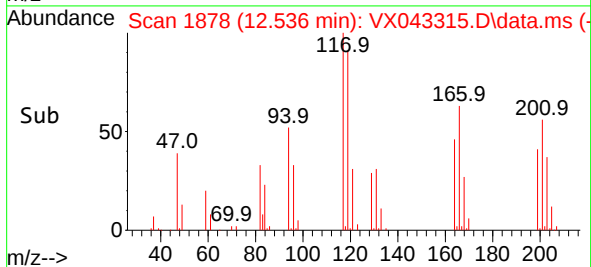
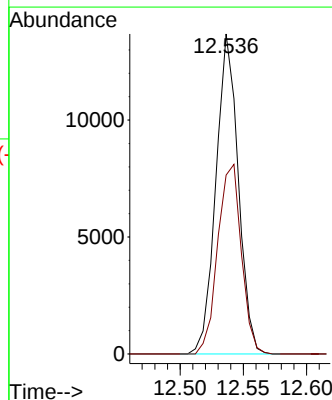
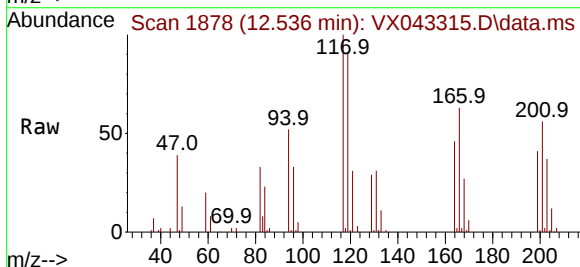
Acq: 08 Oct 2024 10:54

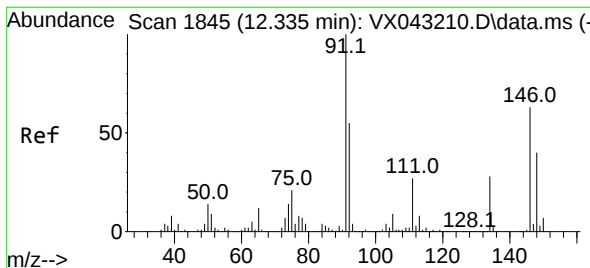
Tgt Ion: 117 Resp: 16782

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 117 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |       |
|-----|------|------|-------|
| 201 | 62.6 | 34.0 | 101.8 |
|-----|------|------|-------|





#91

1,2-Dichlorobenzene

Concen: 19.400 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

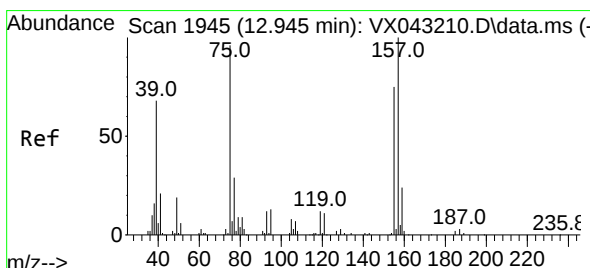
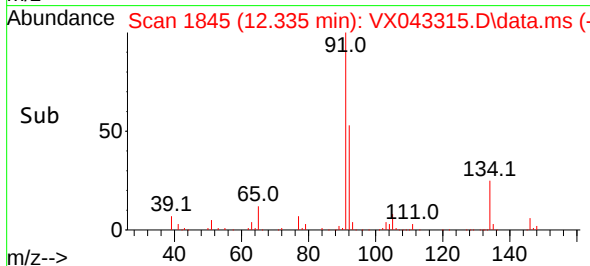
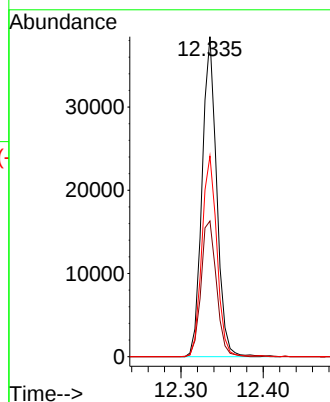
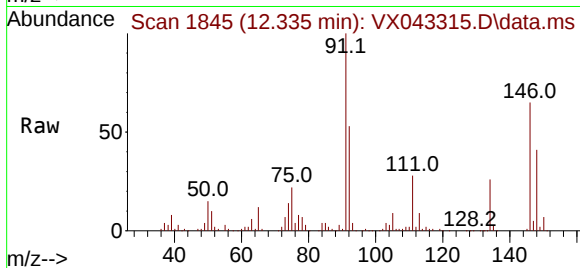
Tgt Ion:146 Resp: 47419

Ion Ratio Lower Upper

146 100

111 44.8 21.9 65.5

148 64.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.508 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

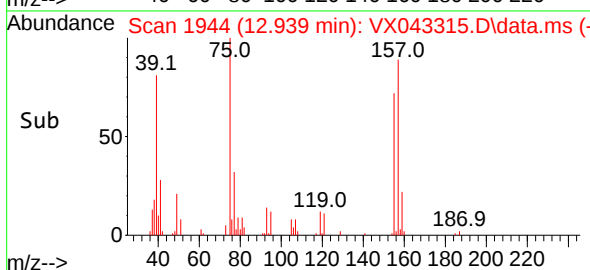
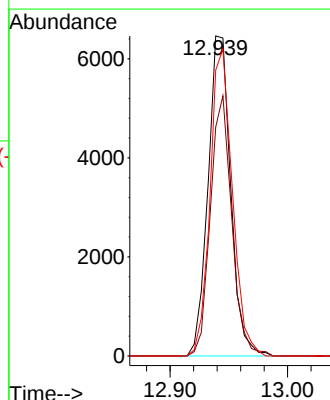
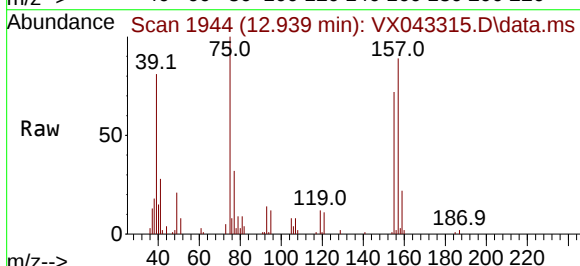
Tgt Ion: 75 Resp: 8651

Ion Ratio Lower Upper

75 100

155 76.7 38.8 116.4

157 94.3 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 18.682 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043315.D

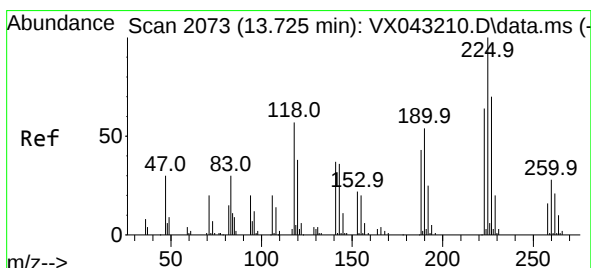
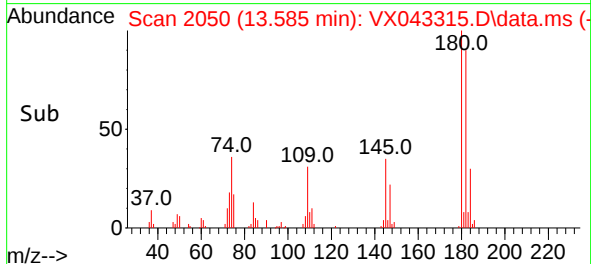
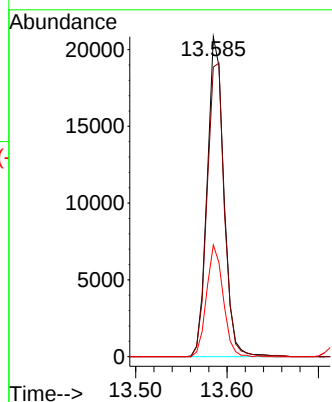
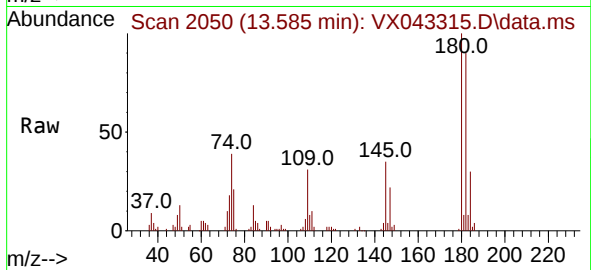
Acq: 08 Oct 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 26325      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.4  | 47.1 141.3 |
| 145         | 34.7  | 16.6 49.8  |



#94

Hexachlorobutadiene

Concen: 20.372 ug/l

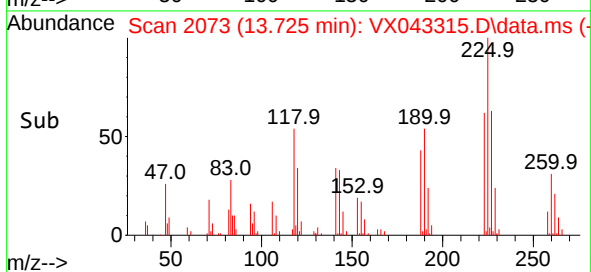
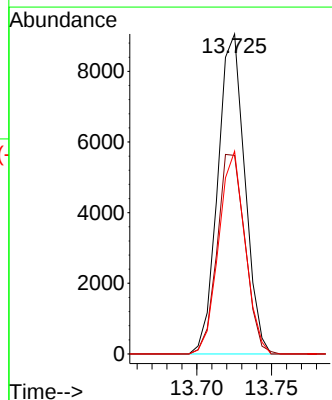
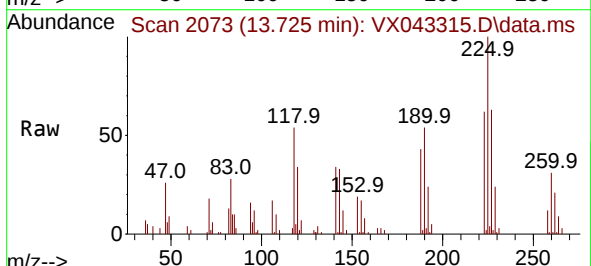
RT: 13.725 min Scan# 2073

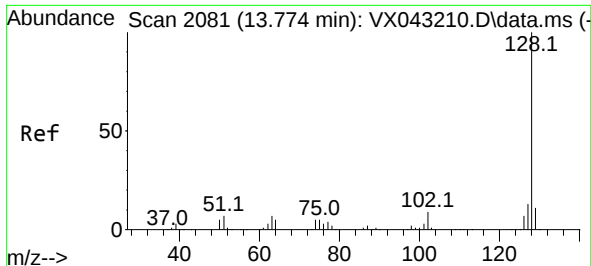
Delta R.T. 0.000 min

Lab File: VX043315.D

Acq: 08 Oct 2024 10:54

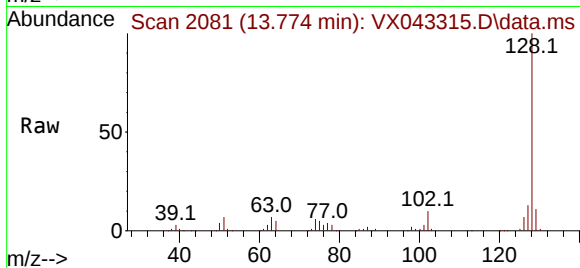
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 11380     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.3  | 30.8 92.4 |
| 227         | 61.7  | 32.2 96.6 |



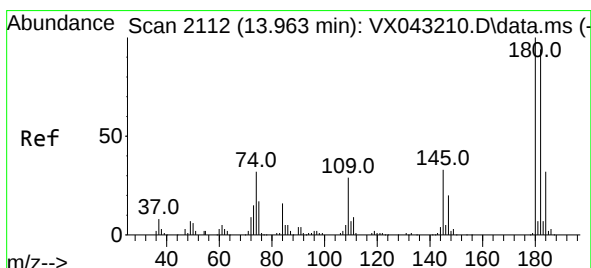
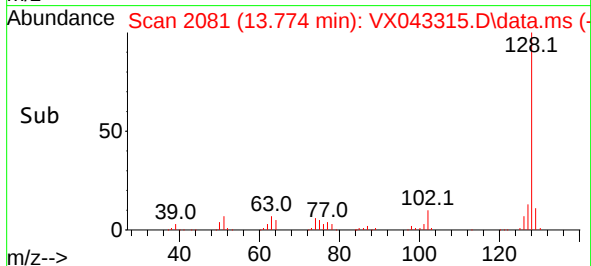
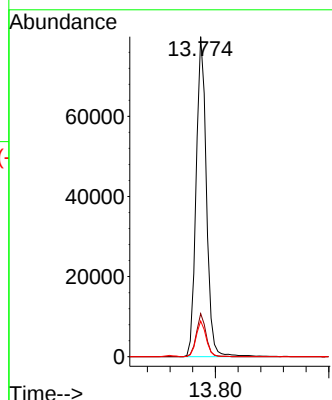


#95  
Naphthalene  
Concen: 19.374 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 100363  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 19.599 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: VX043315.D  
Acq: 08 Oct 2024 10:54

Tgt Ion:180 Resp: 28495  
Ion Ratio Lower Upper  
180 100  
182 93.4 46.5 139.3  
145 36.0 17.2 51.6

