

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081324\  
 Data File : VX043012.D  
 Acq On : 13 Aug 2024 14:05  
 Operator : JC/MD  
 Sample : VX0813WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0813WBS01

Quant Time: Aug 14 04:31:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X081324W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 13 13:22:56 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.898  | 128   | 28070    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.757  | 114   | 173364   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 155460   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.952  | 65    | 65004    | 28.608   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 95.367%  |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 77950    | 29.536   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 98.467%  |
| 63) Toluene-d8               | 8.647  | 98    | 213202   | 29.855   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 99.500%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 30387    | 18.995   | ug/l   | 99       |
| 3) Chloromethane             | 1.301  | 50    | 47468    | 19.726   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 43666    | 19.336   | ug/l   | 100      |
| 5) Bromomethane              | 1.599  | 94    | 12427    | 21.141   | ug/l   | 95       |
| 6) Chloroethane              | 1.666  | 64    | 14328    | 24.031   | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 1.874  | 101   | 44543    | 21.060   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136  | 74    | 19120    | 19.036   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 35123    | 18.773   | ug/l   | 96       |
| 10) 1,1-Dichloroethene       | 2.307  | 96    | 37308    | 19.288   | ug/l   | 97       |
| 11) Methyl Iodide            | 2.441  | 142   | 37316    | 17.410   | ug/l   | 91       |
| 12) Methyl Acetate           | 2.709  | 43    | 67316    | 19.265   | ug/l   | 99       |
| 13) Acrolein                 | 2.239  | 56    | 53828    | 93.653   | ug/l   | 90       |
| 14) Acrylonitrile            | 3.069  | 53    | 131004   | 98.377   | ug/l   | 99       |
| 15) Acetone                  | 2.392  | 58    | 35098    | 94.817   | ug/l   | 77       |
| 16) Carbon Disulfide         | 2.502  | 76    | 109198   | 19.100   | ug/l   | 99       |
| 17) Allyl chloride           | 2.654  | 41    | 74969    | 19.713   | ug/l   | 91       |
| 18) Methylene Chloride       | 2.782  | 84    | 42207    | 18.845   | ug/l   | 94       |
| 19) trans-1,2-Dichloroethene | 3.081  | 96    | 39253    | 19.319   | ug/l   | 99       |
| 20) Diisopropyl ether        | 3.764  | 45    | 143229   | 19.269   | ug/l   | 97       |
| 21) 1,1-Dichloroethane       | 3.605  | 63    | 73175    | 18.421   | ug/l   | 95       |
| 22) cis-1,2-Dichloroethene   | 4.483  | 96    | 46378    | 19.050   | ug/l   | 98       |
| 23) tert-Butyl Alcohol       | 2.989  | 59    | 54398    | 94.157   | ug/l   | 100      |
| 24) Methyl tert-Butyl Ether  | 3.117  | 73    | 126555   | 18.536   | ug/l   | 99       |
| 25) Chloroform               | 5.087  | 83    | 68504    | 18.536   | ug/l   | 97       |
| 26) Cyclohexane              | 5.458  | 56    | 66234    | 18.154   | ug/l # | 98       |
| 29) 1,1-Dichloropropene      | 5.690  | 75    | 48862    | 18.325   | ug/l   | 99       |
| 30) 2-Butanone               | 4.562  | 43    | 184151   | 96.590   | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 4.471  | 77    | 61716    | 18.670   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.373  | 97    | 57830    | 18.016   | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 5.666  | 117   | 48598    | 18.508   | ug/l   | 98       |
| 34) Benzene                  | 6.031  | 78    | 166782   | 18.896   | ug/l   | 99       |
| 35) Methacrylonitrile        | 4.922  | 41    | 38018    | 19.129   | ug/l   | 96       |
| 36) 1,2-Dichloroethane       | 6.086  | 62    | 48734    | 17.896   | ug/l # | 93       |
| 37) Trichloroethene          | 7.123  | 130   | 37633    | 18.947   | ug/l   | 96       |
| 38) Methylcyclohexane        | 7.373  | 83    | 67907    | 18.589   | ug/l   | 96       |
| 39) 1,2-Dichloropropane      | 7.428  | 63    | 41567    | 19.000   | ug/l   | 96       |
| 40) Dibromomethane           | 7.580  | 93    | 27762    | 18.862   | ug/l   | 96       |
| 41) Bromodichloromethane     | 7.818  | 83    | 55073    | 18.748   | ug/l   | 98       |
| 42) Vinyl Acetate            | 3.721  | 43    | 858085   | 99.065   | ug/l   | 98       |

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 Sample : VX0813WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

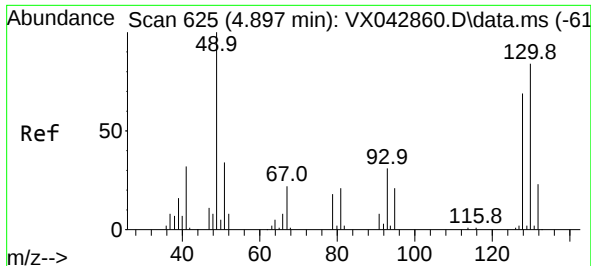
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0813WBS01

Quant Time: Aug 14 04:31:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X081324W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 13 13:22:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.721  | 43   | 69939    | 19.179  | ug/l   | 98       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 112540   | 18.942  | ug/l   | 97       |
| 45) 1,4-Dioxane               | 7.665  | 88   | 18218    | 317.652 | ug/l # | 85       |
| 46) Methyl methacrylate       | 7.696  | 41   | 51896    | 18.492  | ug/l   | 95       |
| 47) n-amyl Acetate            | 10.842 | 43   | 100864   | 19.229  | ug/l   | 94       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 60732    | 18.633  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 66874    | 18.800  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 38494    | 18.983  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 72364    | 18.791  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 67027    | 18.839  | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.519  | 129  | 41416    | 18.806  | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 40496    | 19.242  | ug/l   | 97       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 154383   | 87.501  | ug/l   | 99       |
| 56) Bromoform                 | 10.799 | 173  | 29165    | 18.956  | ug/l   | 98       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 360690   | 100.329 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 284247   | 101.271 | ug/l   | 99       |
| 61) Tetrachloroethene         | 9.269  | 164  | 30816    | 18.792  | ug/l   | 97       |
| 62) Toluene                   | 8.714  | 91   | 170672   | 19.219  | ug/l   | 97       |
| 64) Chlorobenzene             | 10.080 | 112  | 107696   | 19.776  | ug/l   | 95       |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 35263    | 19.066  | ug/l   | 96       |
| 66) Ethyl Benzene             | 10.195 | 91   | 187529   | 19.432  | ug/l   | 96       |
| 67) m/p-Xylenes               | 10.299 | 106  | 142958   | 39.611  | ug/l   | 98       |
| 68) o-Xylene                  | 10.640 | 106  | 71943    | 19.708  | ug/l   | 98       |
| 69) Styrene                   | 10.653 | 104  | 120432   | 19.797  | ug/l   | 98       |
| 70) Isopropylbenzene          | 10.964 | 105  | 178440   | 19.704  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 65621    | 19.558  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 53382m   | 18.590  | ug/l   |          |
| 73) Bromobenzene              | 11.195 | 156  | 41097    | 19.757  | ug/l   | 92       |
| 74) n-propylbenzene           | 11.305 | 91   | 209512   | 19.604  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 128716   | 19.471  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 147957   | 20.031  | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 25005    | 18.653  | ug/l   | 85       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 143268   | 19.961  | ug/l   | 96       |
| 79) tert-butylbenzene         | 11.713 | 119  | 150051   | 19.945  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 149625   | 19.870  | ug/l   | 98       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 187191   | 19.698  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 150705   | 19.598  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 75045    | 19.581  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 74533    | 19.421  | ug/l   | 98       |
| 85) n-Butylbenzene            | 12.335 | 91   | 130820   | 19.107  | ug/l   | 98       |
| 86) Hexachloroethane          | 12.536 | 117  | 30871    | 19.193  | ug/l   | 87       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 75493    | 19.807  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 13935    | 17.867  | ug/l   | 99       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 42307    | 18.758  | ug/l   | 96       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 16422    | 19.534  | ug/l   | 98       |
| 91) Naphthalene               | 13.774 | 128  | 171918   | 19.506  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 45222    | 19.656  | ug/l   | 98       |

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

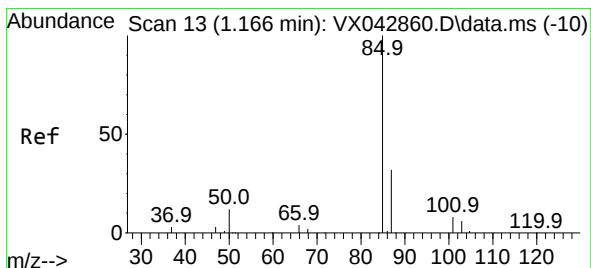
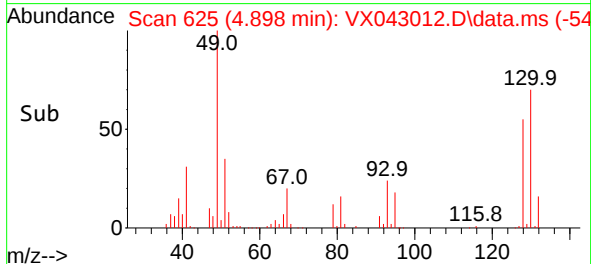
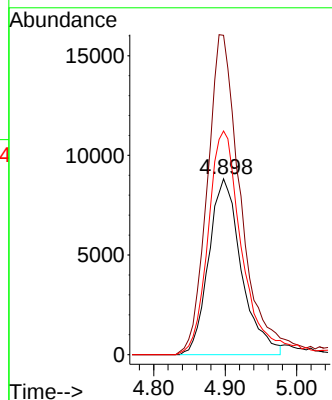
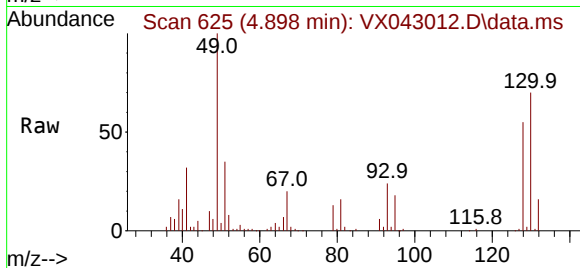




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.898 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

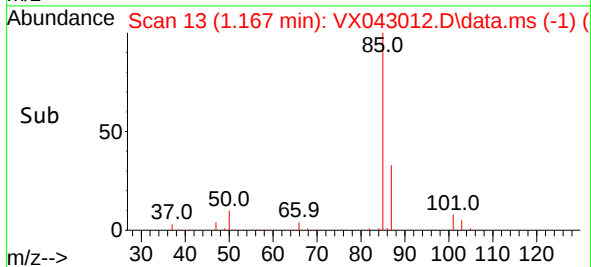
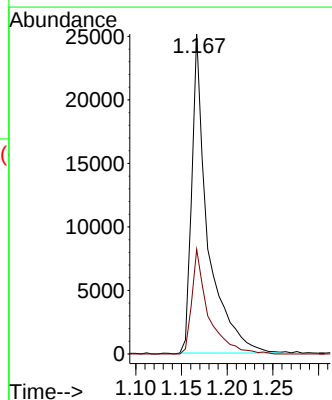
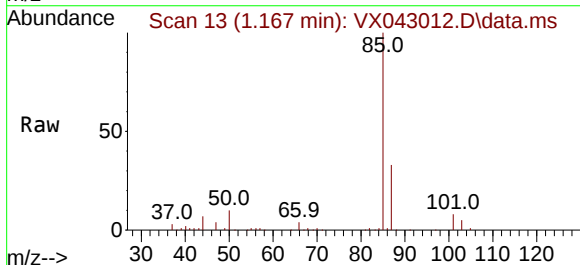
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

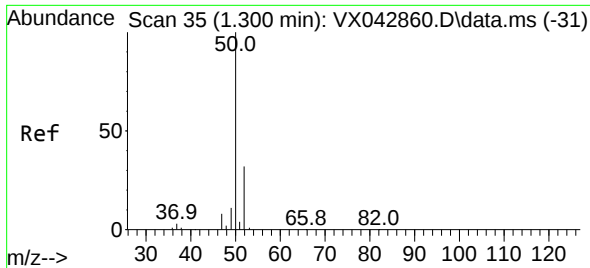
Tgt Ion:128 Resp: 28070  
Ion Ratio Lower Upper  
128 100  
49 186.7 0.0 400.5  
130 130.7 0.0 333.0



#2  
Dichlorodifluoromethane  
Concen: 18.995 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 85 Resp: 30387  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.0 48.0

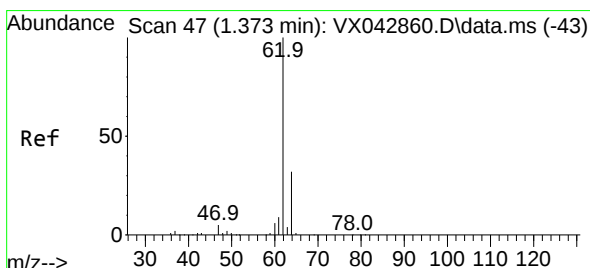
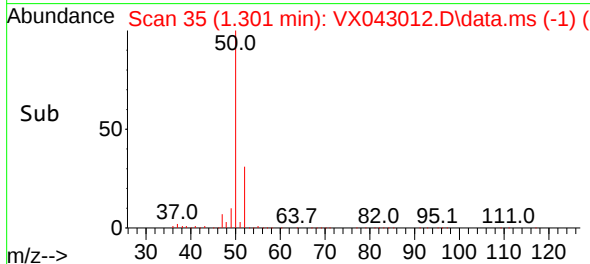
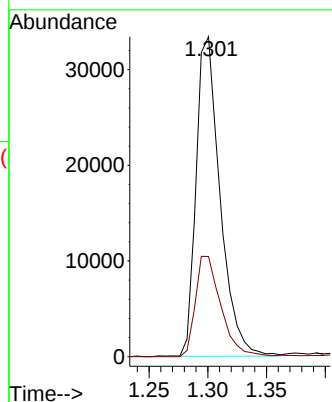
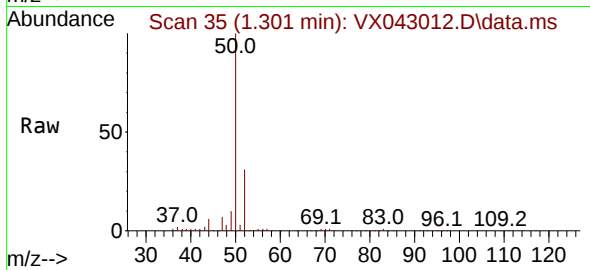




#3  
Chloromethane  
Concen: 19.726 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

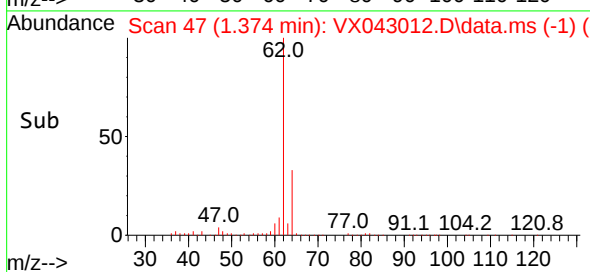
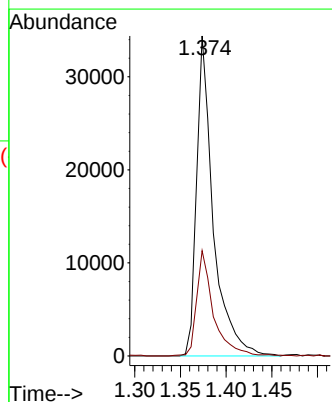
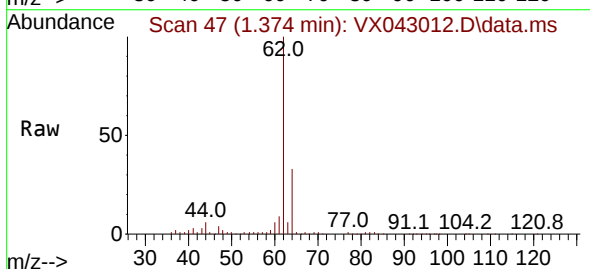
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VX0813WBS01

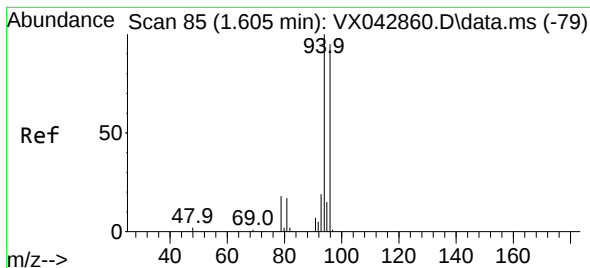
Tgt Ion: 50 Resp: 47468  
Ion Ratio Lower Upper  
50 100  
52 31.4 26.0 39.0



#4  
Vinyl Chloride  
Concen: 19.336 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 62 Resp: 43666  
Ion Ratio Lower Upper  
62 100  
64 32.7 26.3 39.5





#5

Bromomethane

Concen: 21.141 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

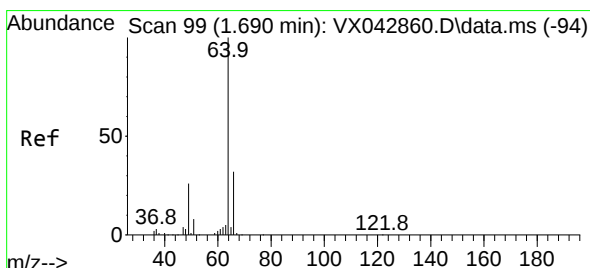
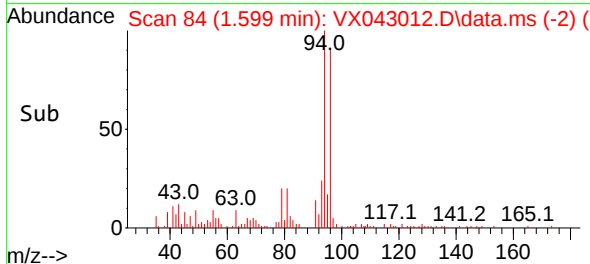
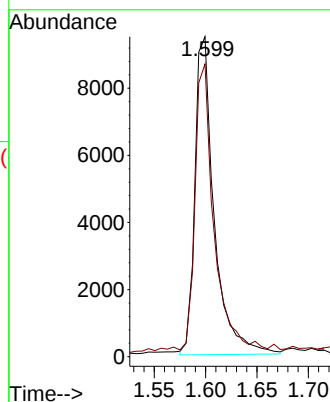
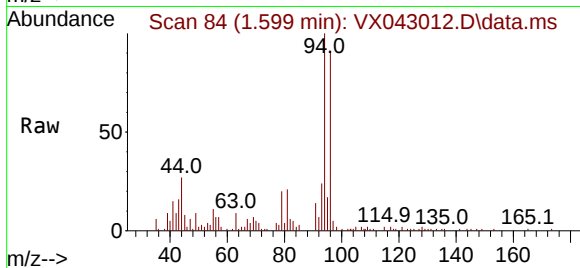
VX0813WBS01

Tgt Ion: 94 Resp: 12427

Ion Ratio Lower Upper

94 100

96 90.7 76.2 114.4



#6

Chloroethane

Concen: 24.031 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX043012.D

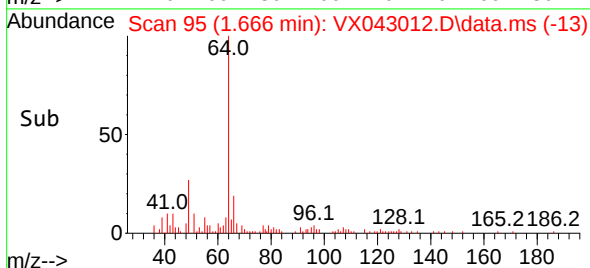
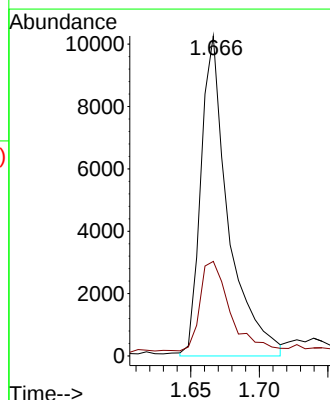
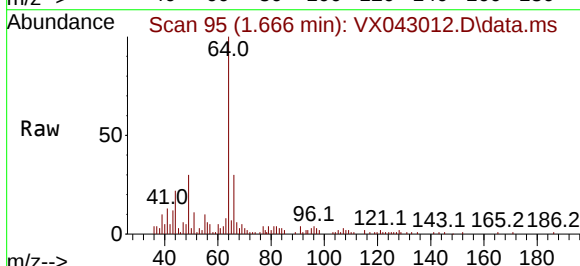
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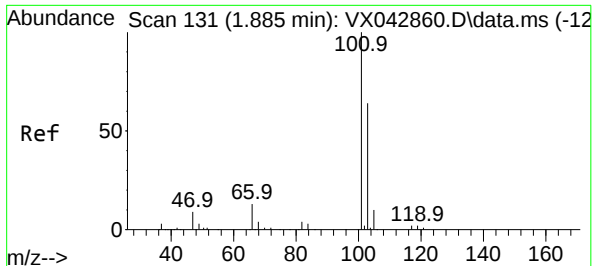
Tgt Ion: 64 Resp: 14328

Ion Ratio Lower Upper

64 100

66 28.2 25.9 38.9

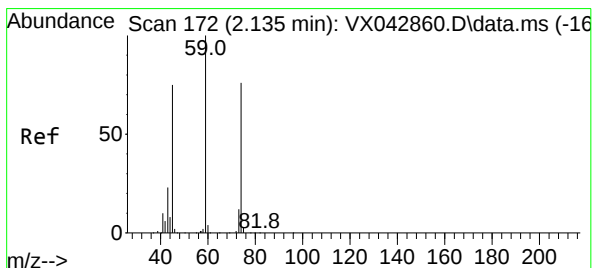
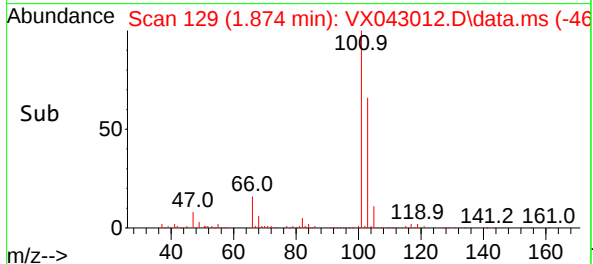
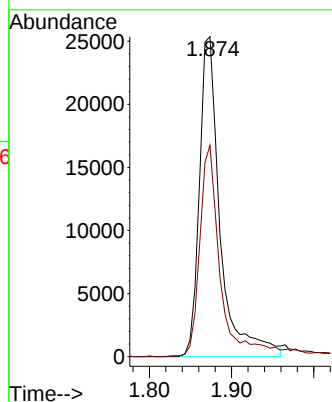
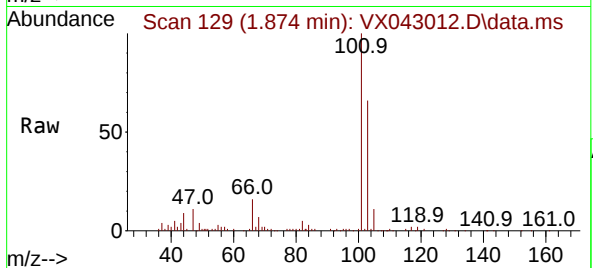




#7  
Trichlorofluoromethane  
Concen: 21.060 ug/l  
RT: 1.874 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

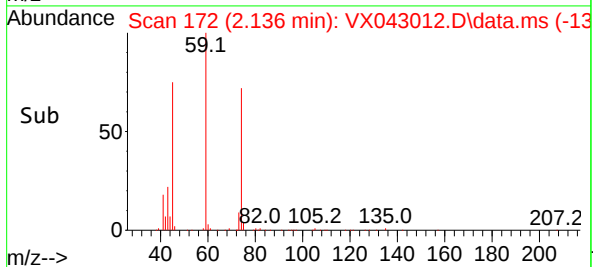
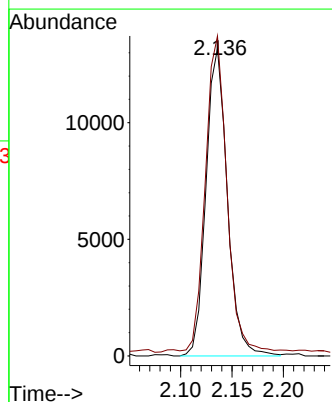
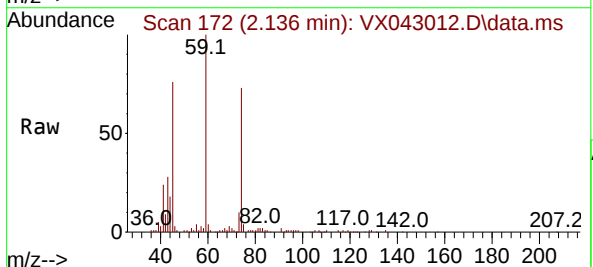
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

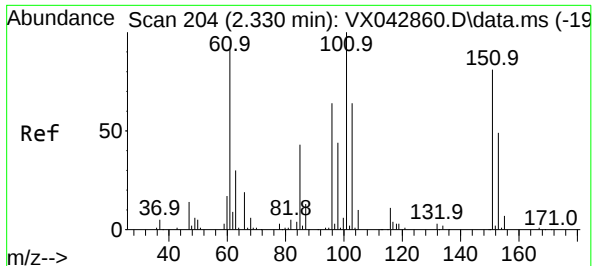
Tgt Ion:101 Resp: 44543  
Ion Ratio Lower Upper  
101 100  
103 65.7 51.5 77.3



#8  
Diethyl Ether  
Concen: 19.036 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 74 Resp: 19120  
Ion Ratio Lower Upper  
74 100  
45 103.3 20.3 182.3

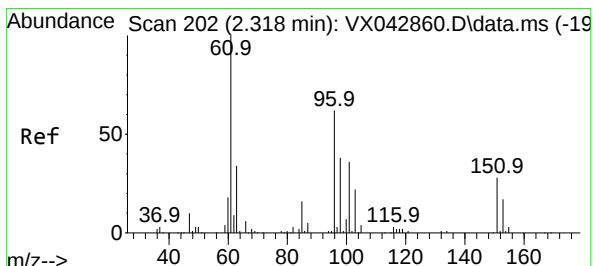
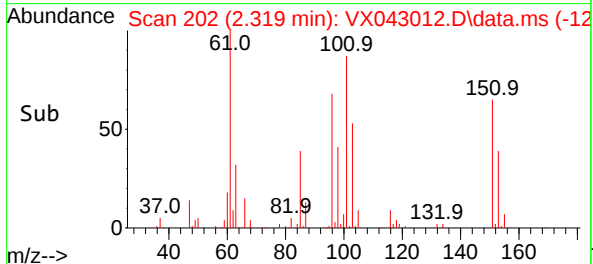
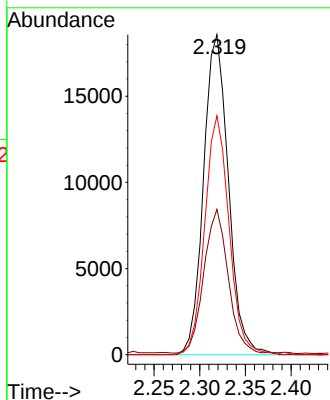
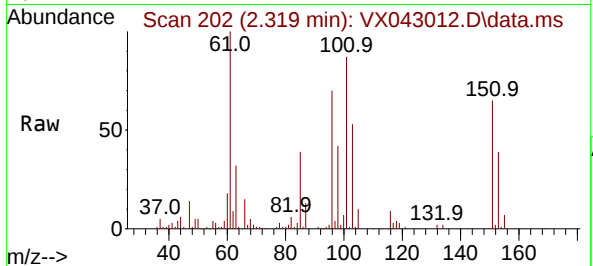




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.773 ug/l  
 RT: 2.319 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

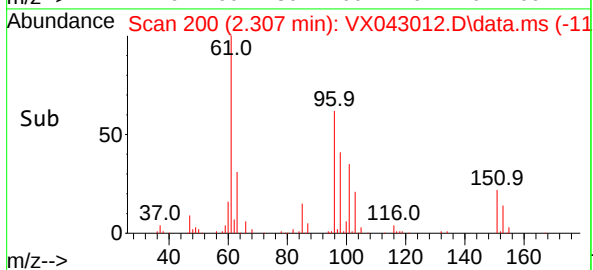
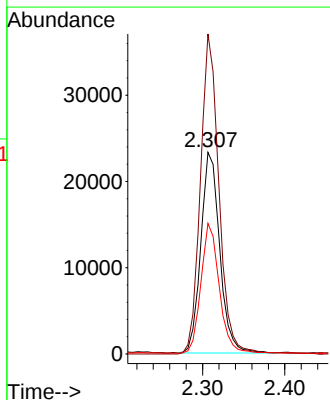
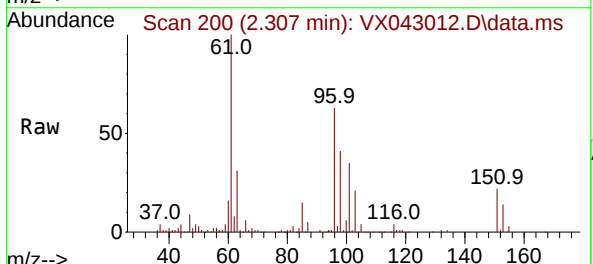
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0813WBS01

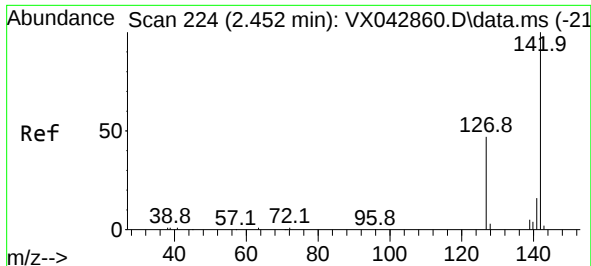
Tgt Ion:101 Resp: 35123  
 Ion Ratio Lower Upper  
 101 100  
 85 43.9 0.0 88.6  
 151 73.1 0.0 157.6



#10  
 1,1-Dichloroethene  
 Concen: 19.288 ug/l  
 RT: 2.307 min Scan# 200  
 Delta R.T. 0.000 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

Tgt Ion: 96 Resp: 37308  
 Ion Ratio Lower Upper  
 96 100  
 61 159.4 129.2 193.8  
 98 64.6 48.6 72.8

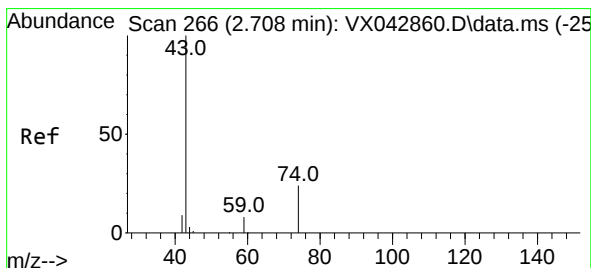
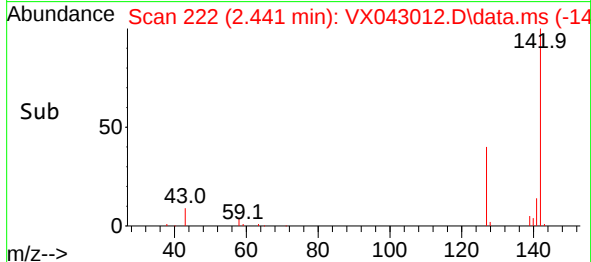
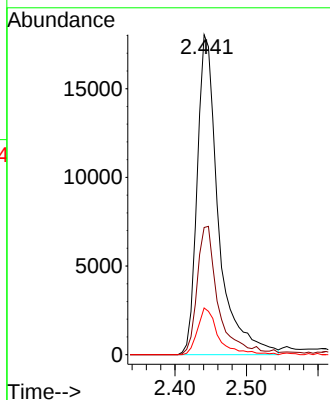
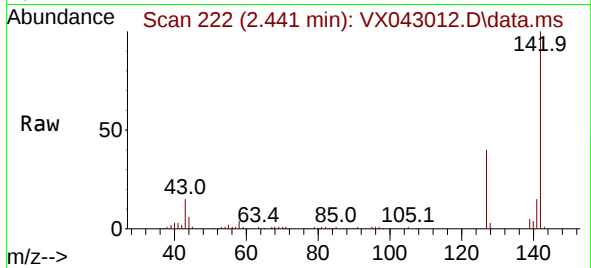




#11  
Methyl Iodide  
Concen: 17.410 ug/l  
RT: 2.441 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

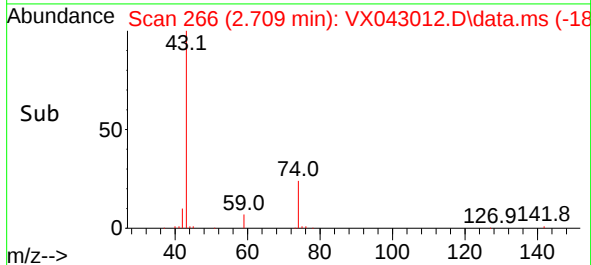
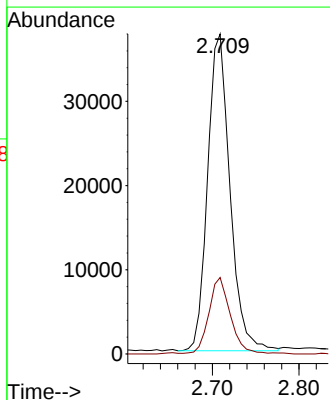
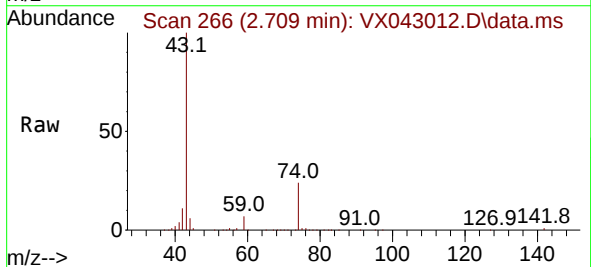
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

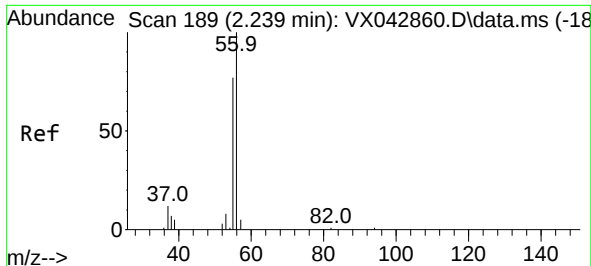
Tgt Ion:142 Resp: 37316  
Ion Ratio Lower Upper  
142 100  
127 39.7 23.6 71.0  
141 14.7 8.0 23.8



#12  
Methyl Acetate  
Concen: 19.265 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 43 Resp: 67316  
Ion Ratio Lower Upper  
43 100  
74 24.0 19.4 29.2





#13

Acrolein

Concen: 93.653 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

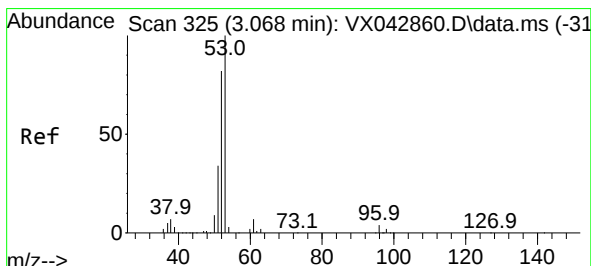
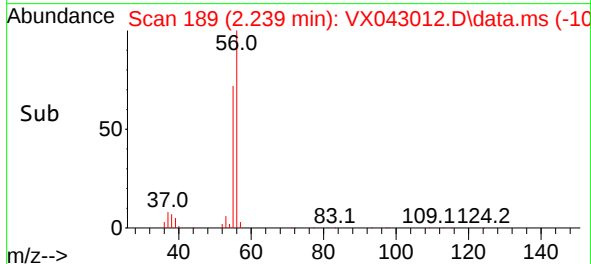
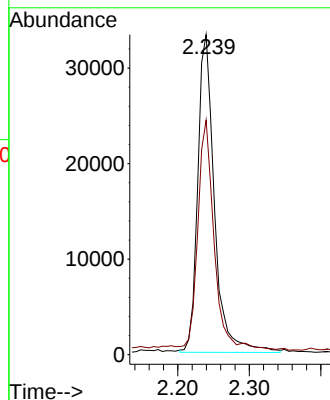
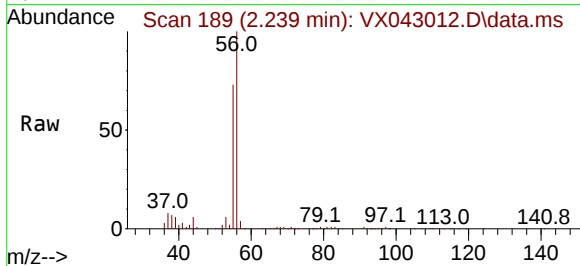
VX0813WBS01

Tgt Ion: 56 Resp: 53828

Ion Ratio Lower Upper

56 100

55 67.5 60.6 90.8



#14

Acrylonitrile

Concen: 98.377 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

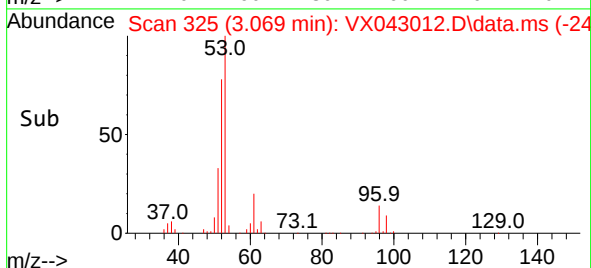
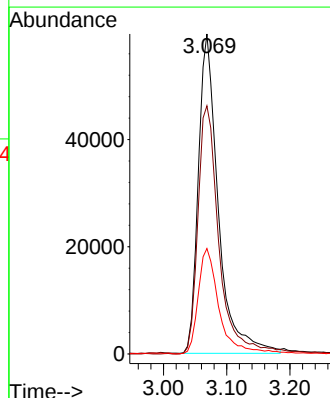
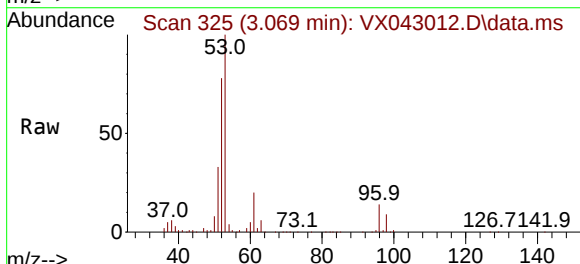
Tgt Ion: 53 Resp: 131004

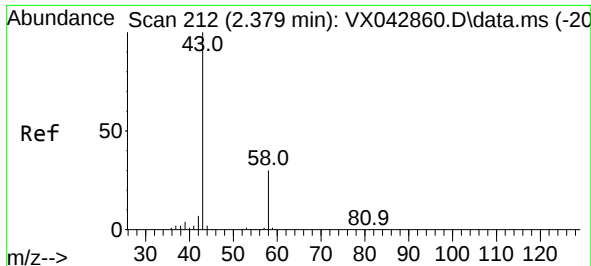
Ion Ratio Lower Upper

53 100

52 82.5 41.2 123.6

51 34.1 17.9 53.8





#15

Acetone

Concen: 94.817 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

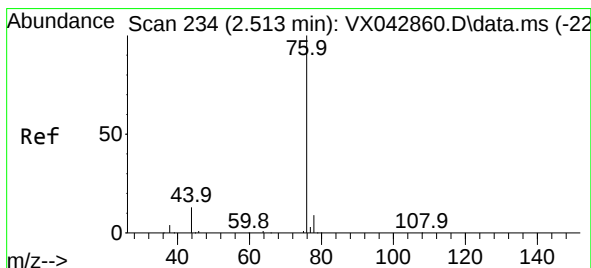
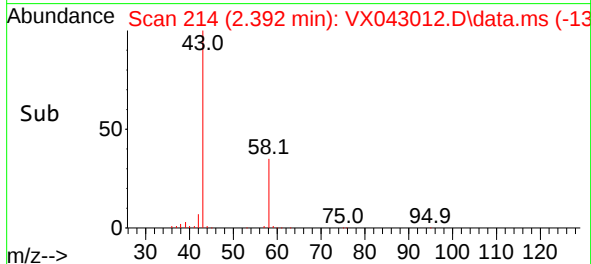
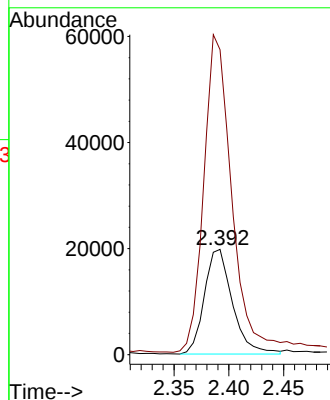
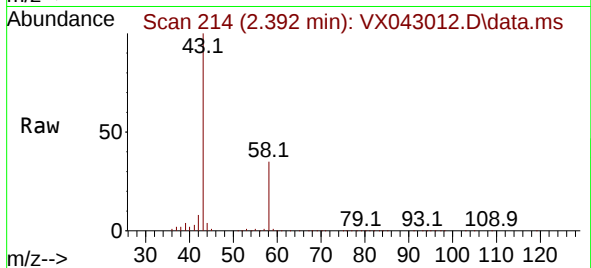
VX0813WBS01

Tgt Ion: 58 Resp: 35098

Ion Ratio Lower Upper

58 100

43 288.1 269.9 404.9



#16

Carbon Disulfide

Concen: 19.100 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX043012.D

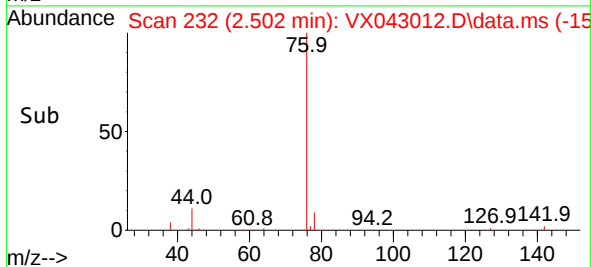
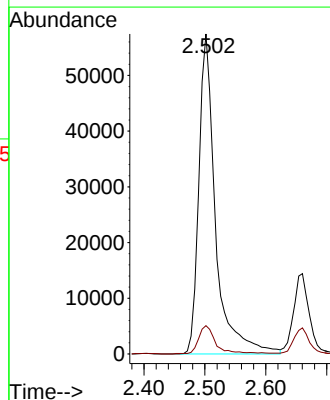
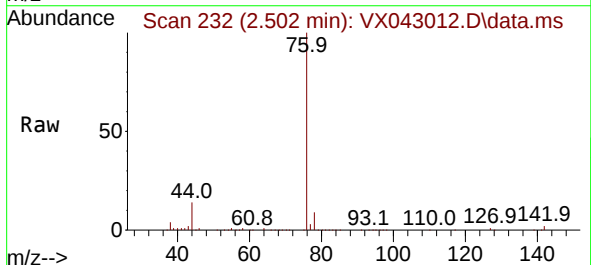
Acq: 13 Aug 2024 14:05

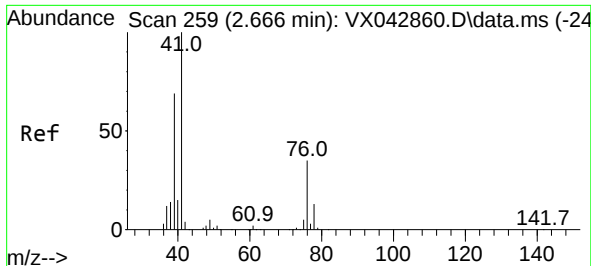
Tgt Ion: 76 Resp: 109198

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7

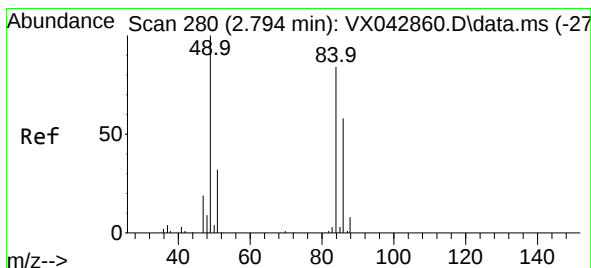
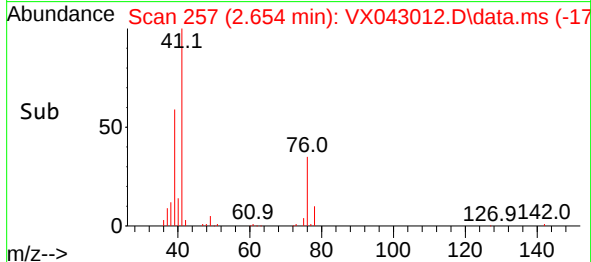
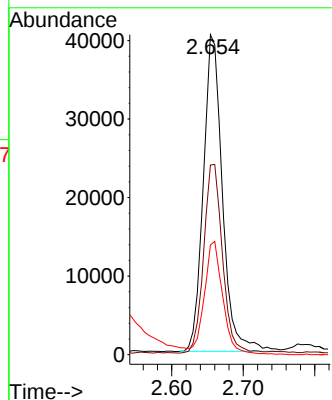
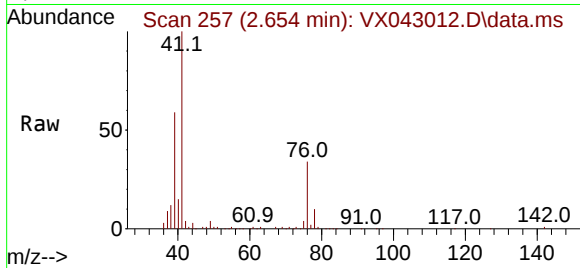




#17  
 Allyl chloride  
 Concen: 19.713 ug/l  
 RT: 2.654 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

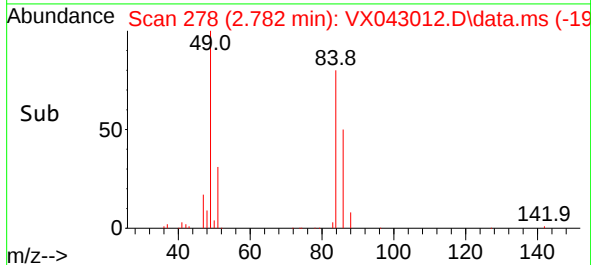
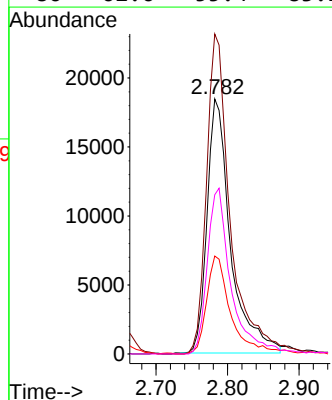
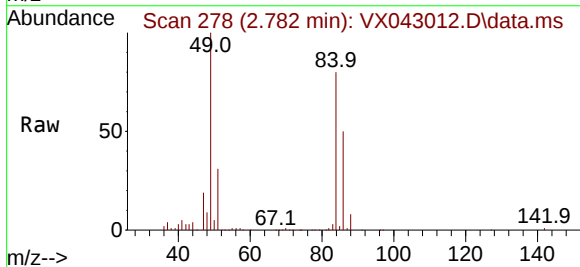
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0813WBS01

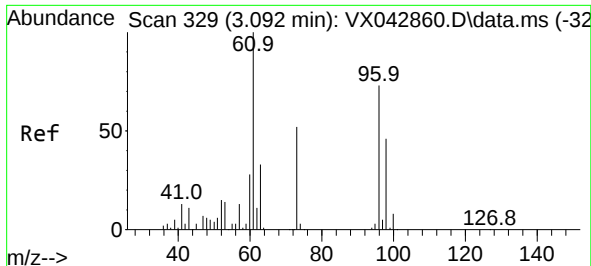
Tgt Ion: 41 Resp: 74969  
 Ion Ratio Lower Upper  
 41 100  
 39 59.4 34.6 103.9  
 76 34.5 18.4 55.4



#18  
 Methylene Chloride  
 Concen: 18.845 ug/l  
 RT: 2.782 min Scan# 278  
 Delta R.T. -0.006 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

Tgt Ion: 84 Resp: 42207  
 Ion Ratio Lower Upper  
 84 100  
 49 125.9 95.0 142.6  
 51 38.5 30.1 45.1  
 86 62.6 55.4 83.2

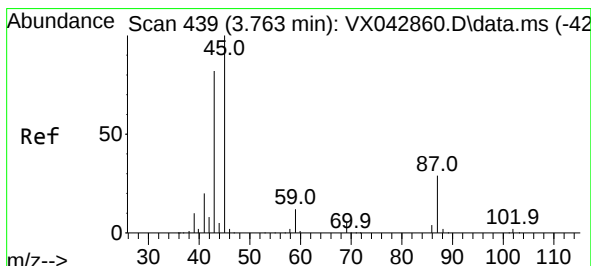
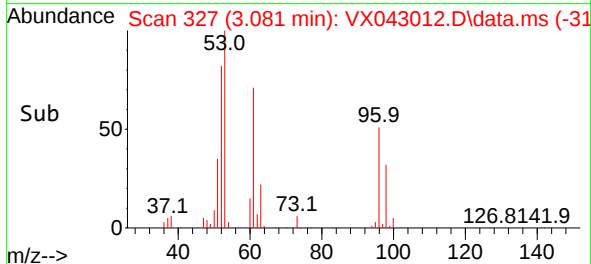
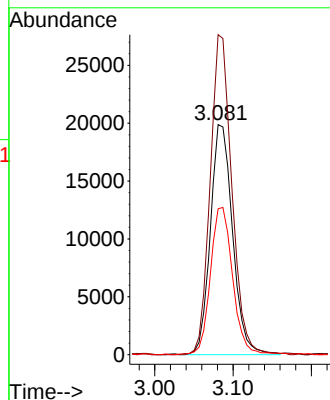
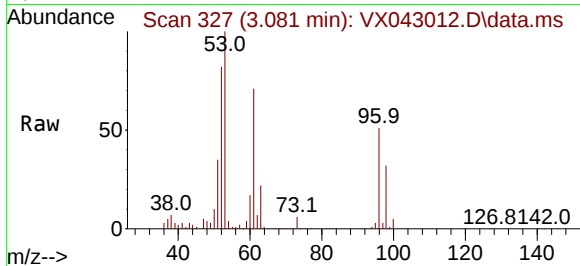




#19  
trans-1,2-Dichloroethene  
Concen: 19.319 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

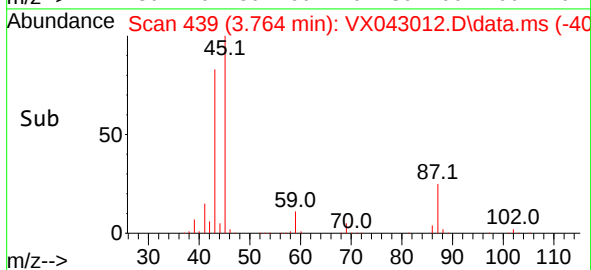
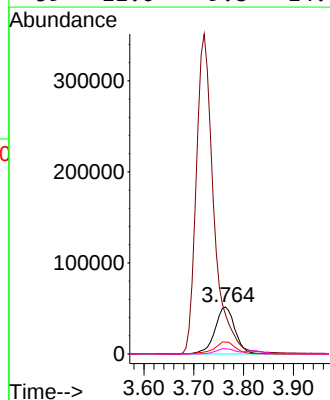
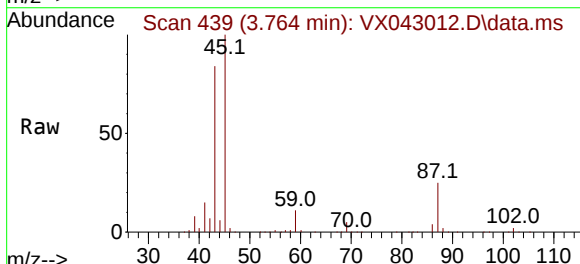
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

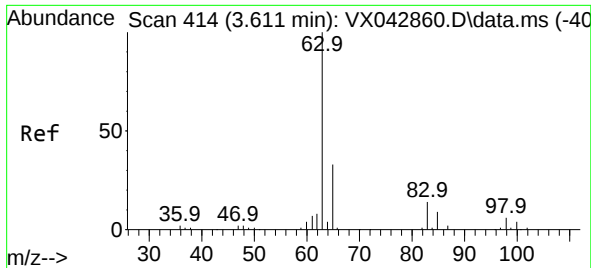
Tgt Ion: 96 Resp: 39253  
Ion Ratio Lower Upper  
96 100  
61 139.1 109.6 164.4  
98 63.1 50.4 75.6



#20  
Diisopropyl ether  
Concen: 19.269 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 45 Resp: 143229  
Ion Ratio Lower Upper  
45 100  
43 83.1 65.4 98.2  
87 25.2 23.0 34.6  
59 11.0 9.8 14.6

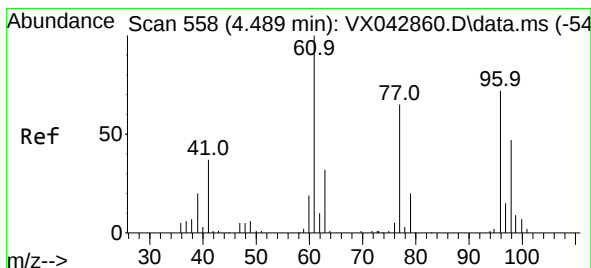
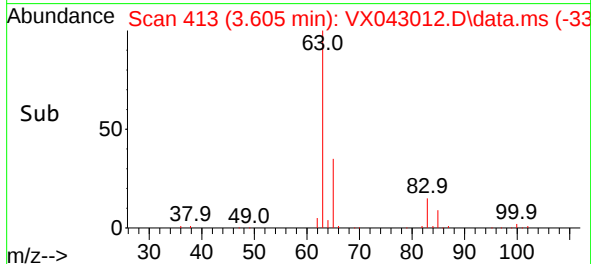
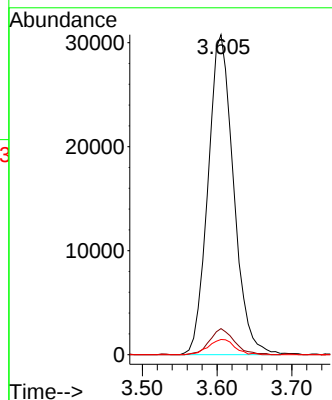
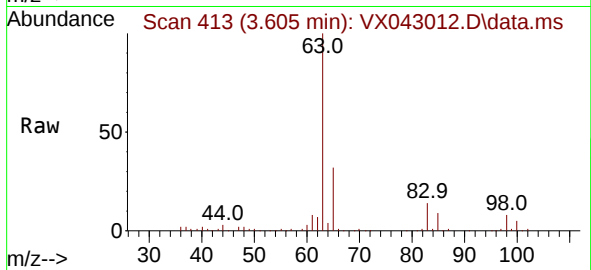




#21  
1,1-Dichloroethane  
Concen: 18.421 ug/l  
RT: 3.605 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

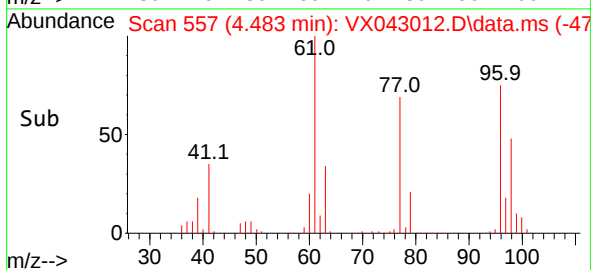
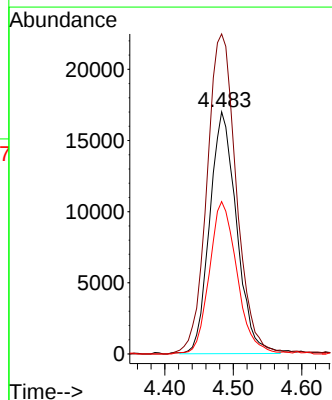
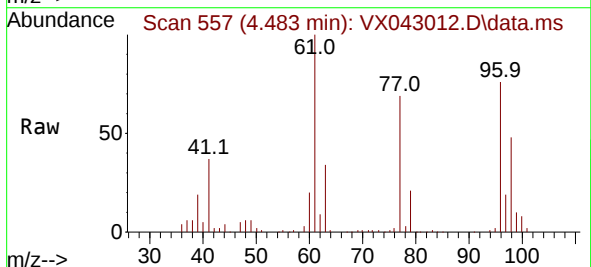
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

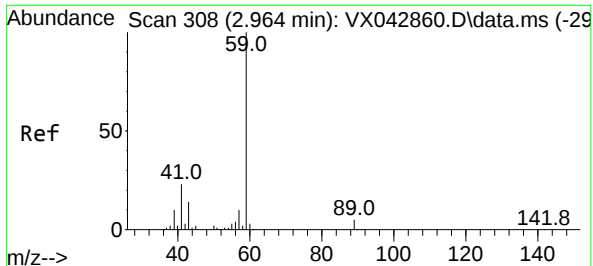
Tgt Ion: 63 Resp: 73175  
Ion Ratio Lower Upper  
63 100  
98 8.1 2.9 8.8  
100 4.8 2.1 6.3



#22  
cis-1,2-Dichloroethene  
Concen: 19.050 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 96 Resp: 46378  
Ion Ratio Lower Upper  
96 100  
61 144.6 117.7 176.5  
98 64.7 53.4 80.0





#23

tert-Butyl Alcohol

Concen: 94.157 ug/l

RT: 2.989 min Scan# 312

Delta R.T. -0.006 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

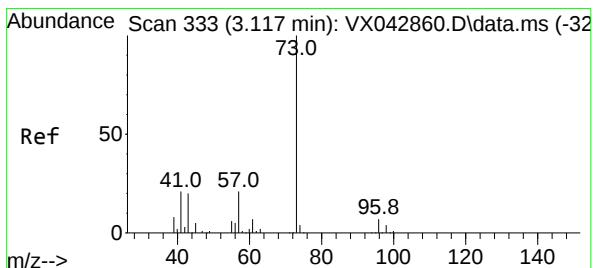
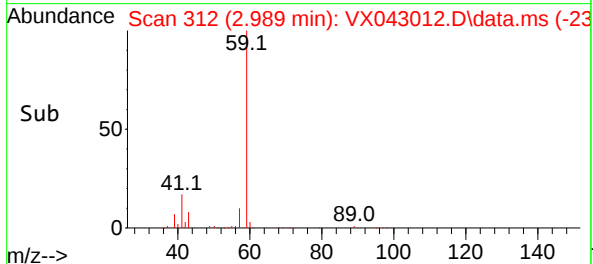
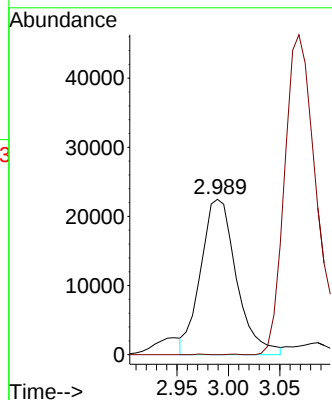
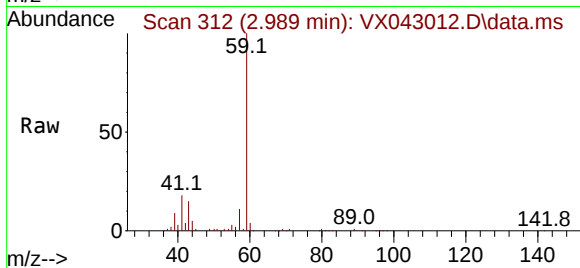
VX0813WBS01

Tgt Ion: 59 Resp: 54398

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1



#24

Methyl tert-Butyl Ether

Concen: 18.536 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX043012.D

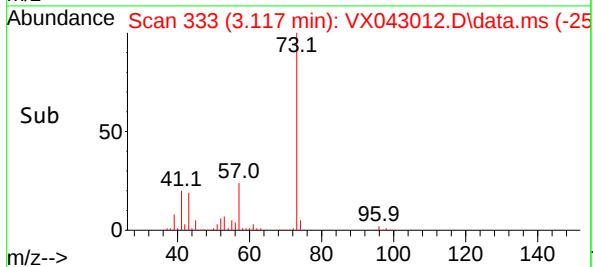
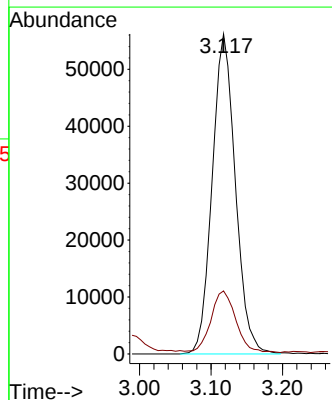
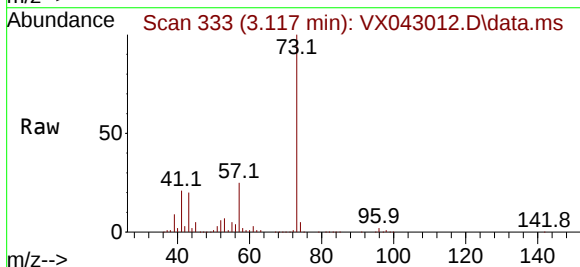
Acq: 13 Aug 2024 14:05

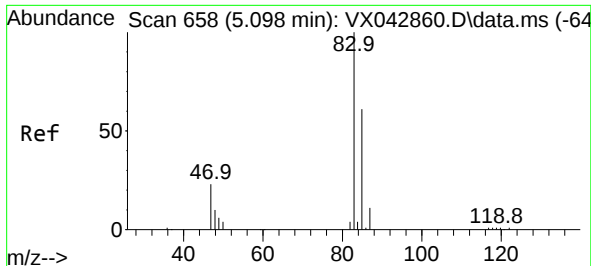
Tgt Ion: 73 Resp: 126555

Ion Ratio Lower Upper

73 100

43 19.7 16.2 24.2

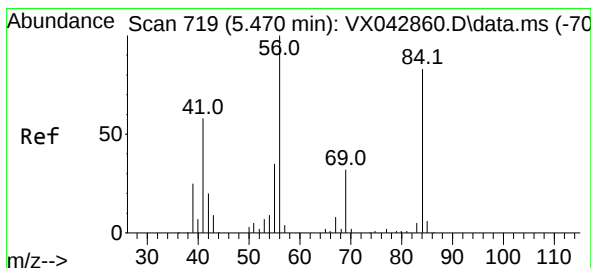
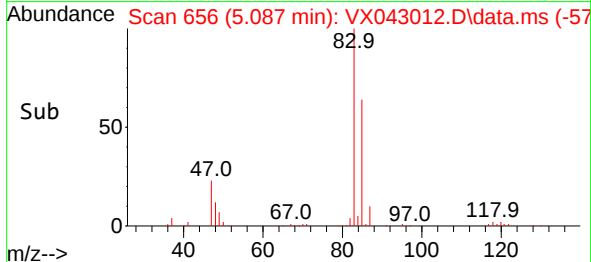
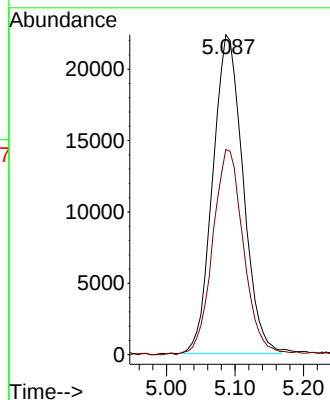
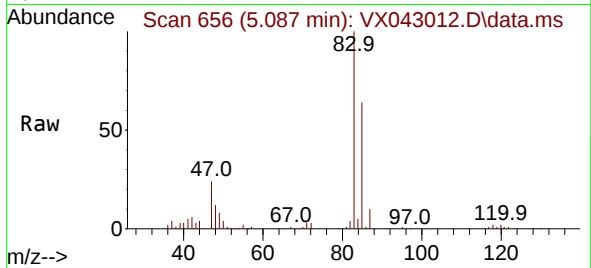




#25  
Chloroform  
Concen: 18.536 ug/l  
RT: 5.087 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

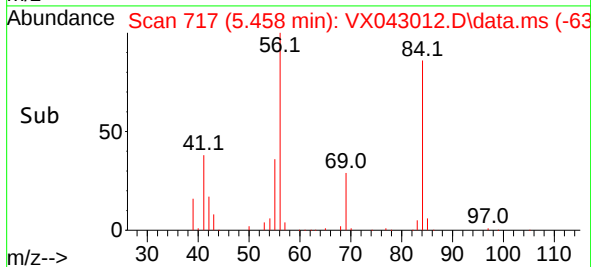
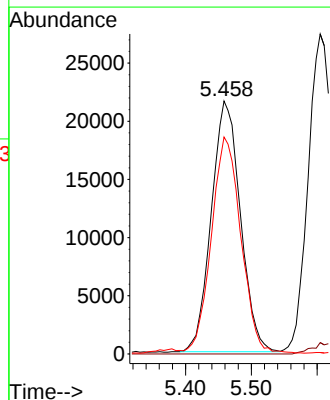
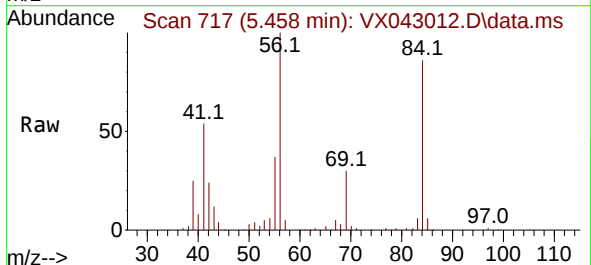
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

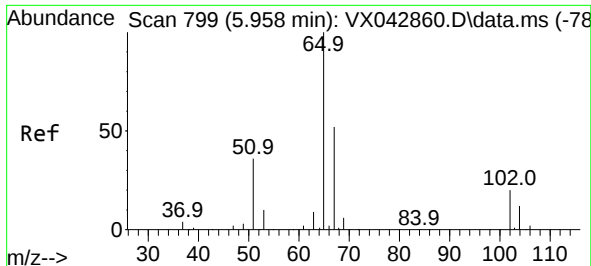
Tgt Ion: 83 Resp: 68504  
Ion Ratio Lower Upper  
83 100  
85 63.9 49.2 73.8



#26  
Cyclohexane  
Concen: 18.154 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 56 Resp: 66234  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 87.6 71.8 107.8

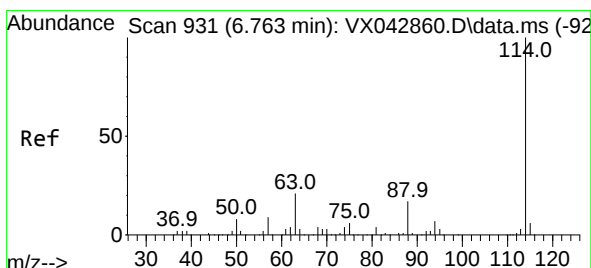
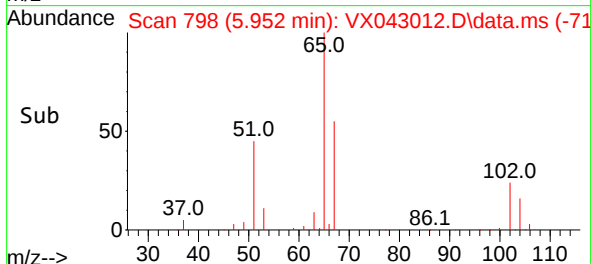
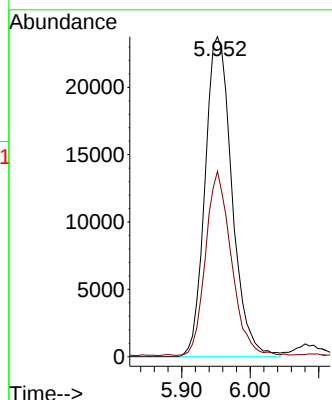
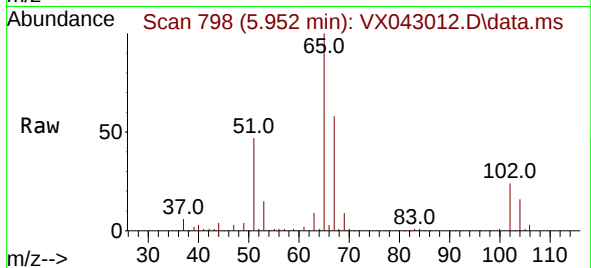




#27  
 1,2-Dichloroethane-d4  
 Concen: 28.608 ug/l  
 RT: 5.952 min Scan# 799  
 Delta R.T. -0.006 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

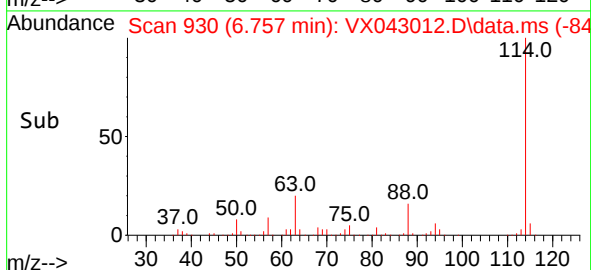
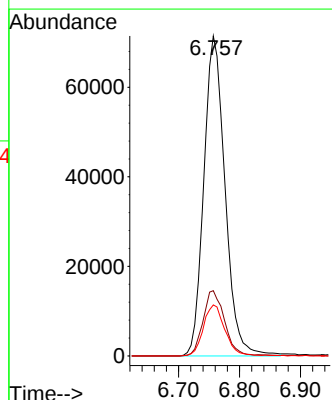
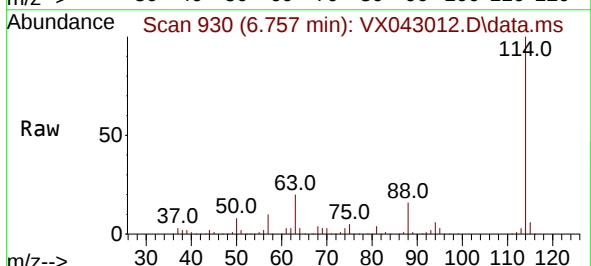
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0813WBS01

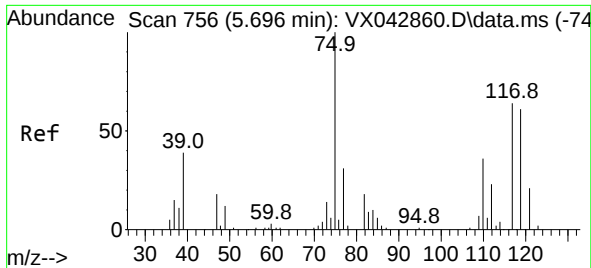
Tgt Ion: 65 Resp: 65004  
 Ion Ratio Lower Upper  
 65 100  
 67 54.3 40.6 60.8



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. 0.000 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

Tgt Ion: 114 Resp: 173364  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 16.0 24.0  
 88 16.1 12.5 18.7





#29

1,1-Dichloropropene

Concen: 18.325 ug/l

RT: 5.690 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0813WBS01

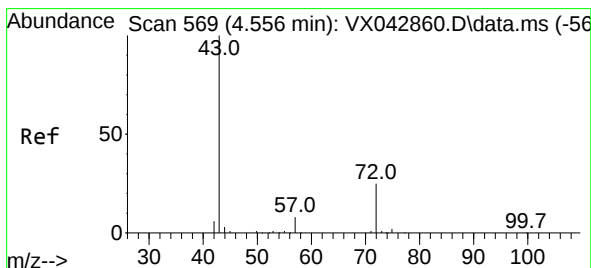
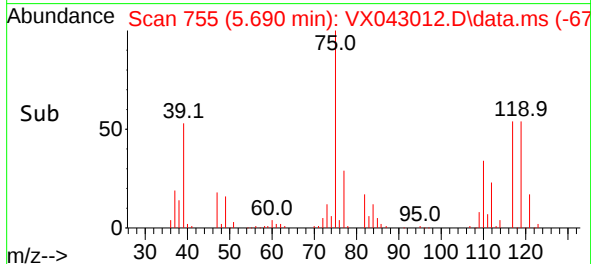
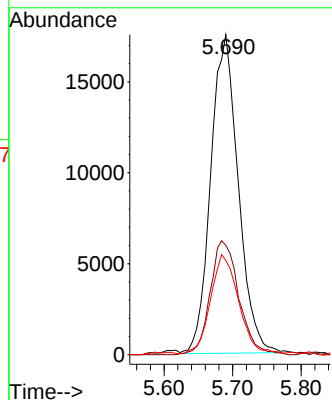
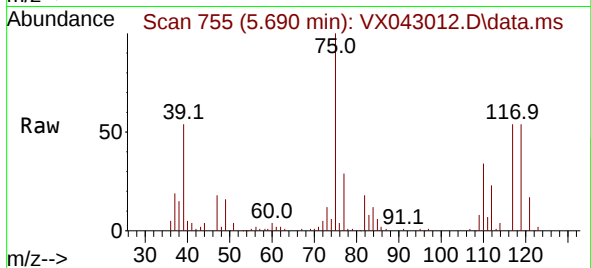
Tgt Ion: 75 Resp: 48862

Ion Ratio Lower Upper

75 100

110 37.1 0.0 72.4

77 30.9 0.0 63.4



#30

2-Butanone

Concen: 96.590 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

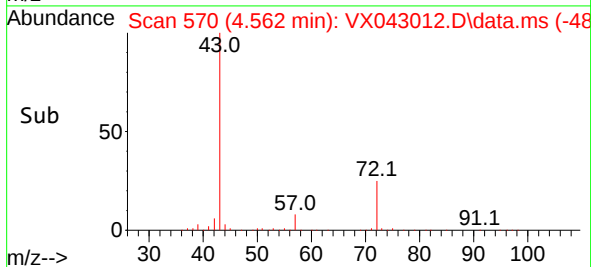
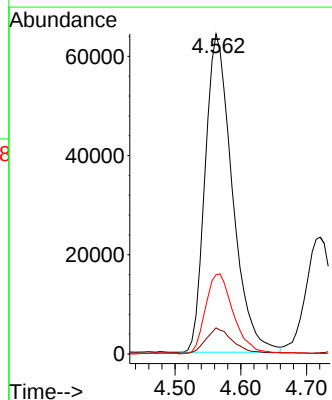
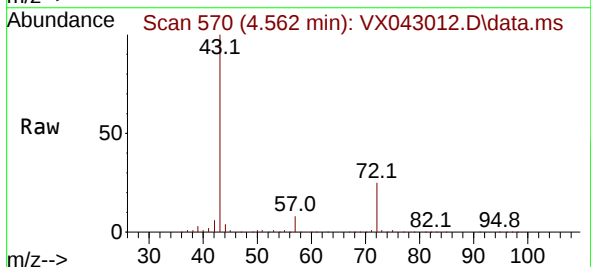
Tgt Ion: 43 Resp: 184151

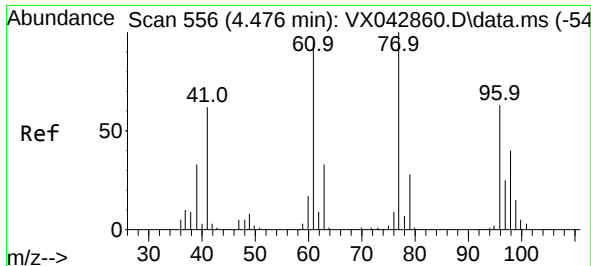
Ion Ratio Lower Upper

43 100

57 7.6 6.6 10.0

72 26.0 21.0 31.4

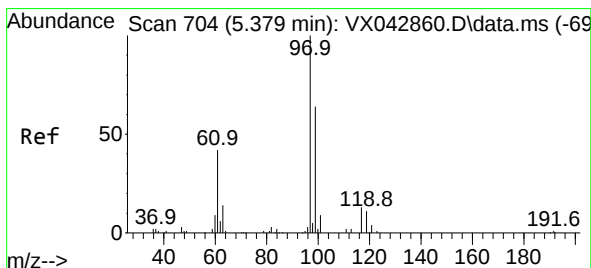
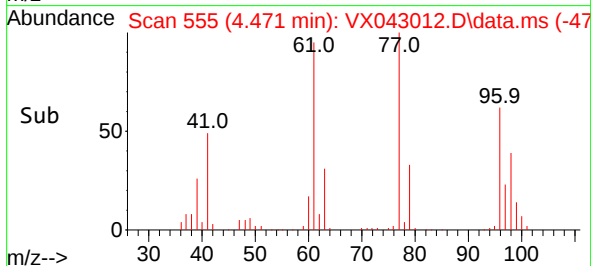
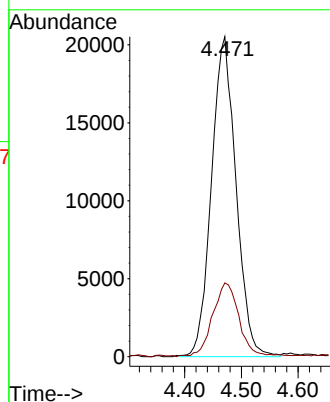
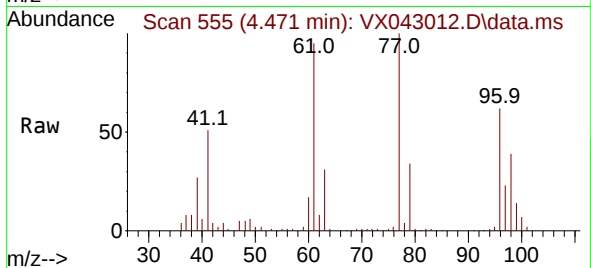




#31  
2,2-Dichloropropane  
Concen: 18.670 ug/l  
RT: 4.471 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

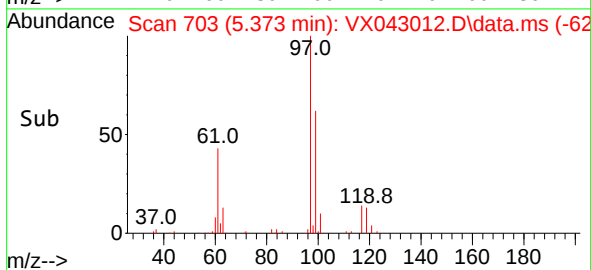
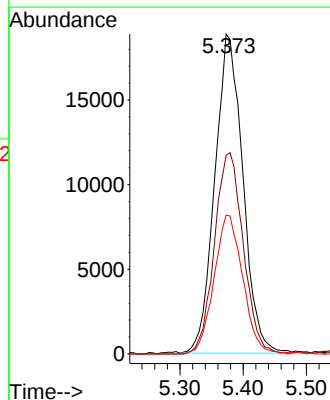
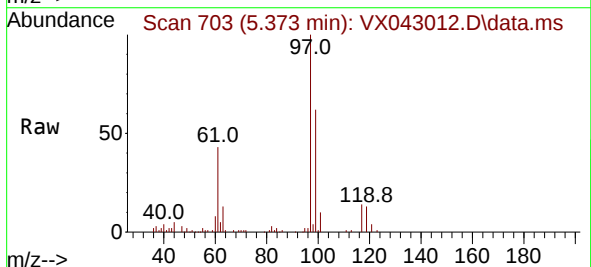
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

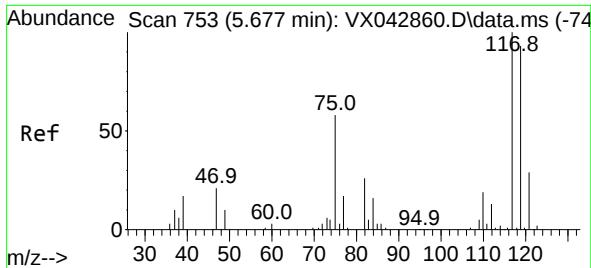
Tgt Ion: 77 Resp: 61716  
Ion Ratio Lower Upper  
77 100  
97 23.8 18.5 27.7



#32  
1,1,1-Trichloroethane  
Concen: 18.016 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 97 Resp: 57830  
Ion Ratio Lower Upper  
97 100  
99 65.0 52.2 78.2  
61 44.5 34.3 51.5

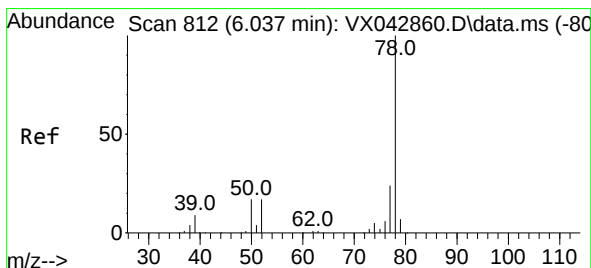
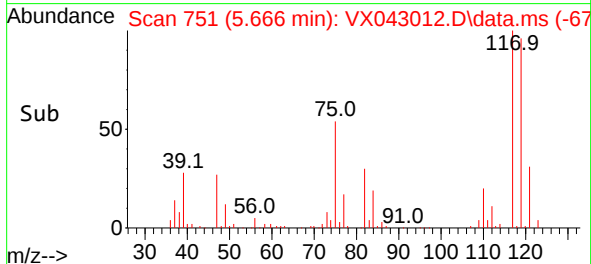
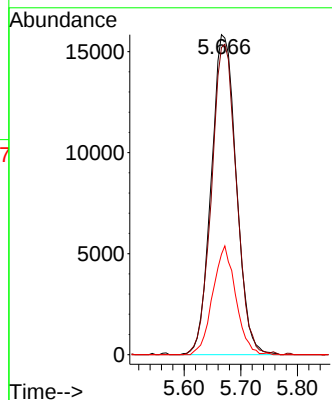
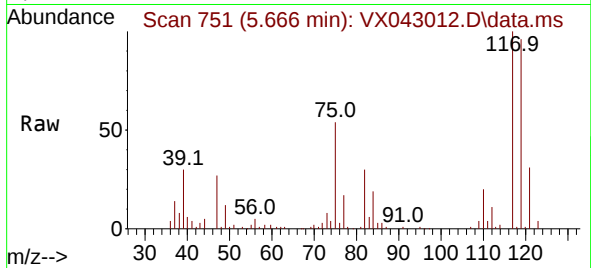




#33  
Carbon Tetrachloride  
Concen: 18.508 ug/l  
RT: 5.666 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

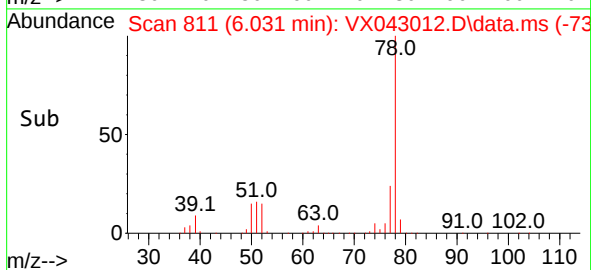
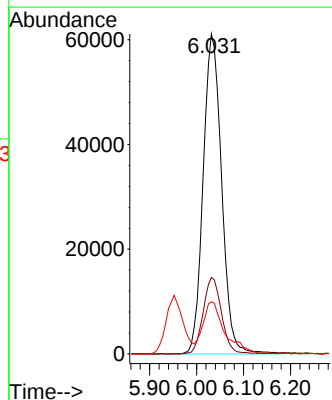
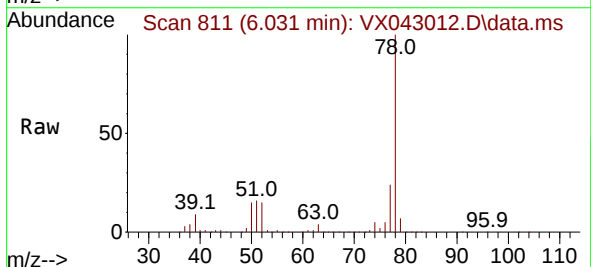
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

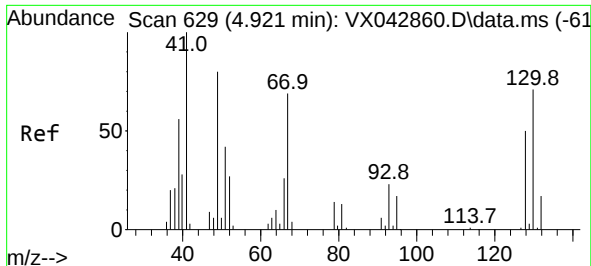
Tgt Ion:117 Resp: 48598  
Ion Ratio Lower Upper  
117 100  
119 96.0 75.7 113.5  
121 31.4 23.3 34.9



#34  
Benzene  
Concen: 18.896 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 78 Resp: 166782  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.4 29.2  
51 16.0 13.5 20.3



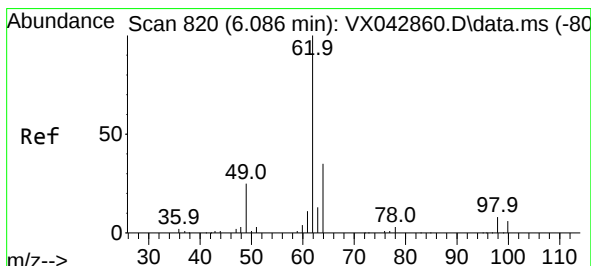
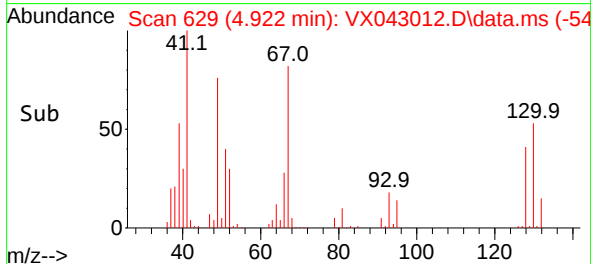
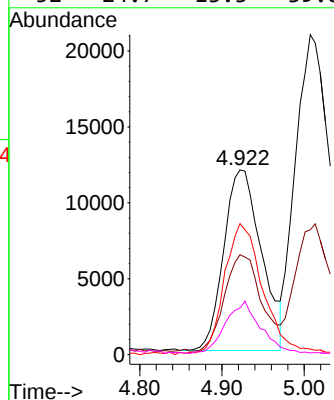
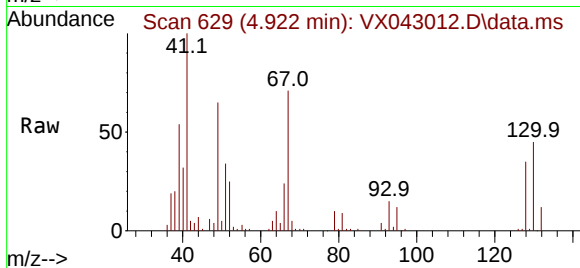


#35  
Methacrylonitrile  
Concen: 19.129 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

Tgt Ion: 41 Resp: 38018

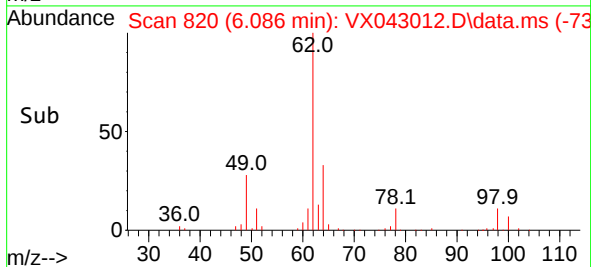
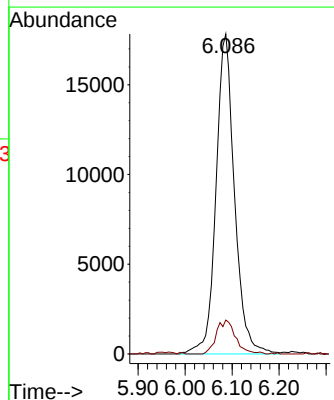
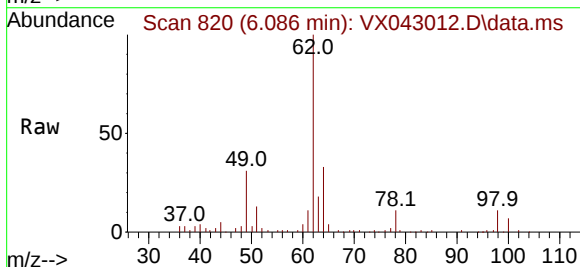
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.1  | 28.1  | 84.2  |
| 67  | 71.3  | 34.4  | 103.1 |
| 52  | 24.7  | 13.3  | 39.8  |

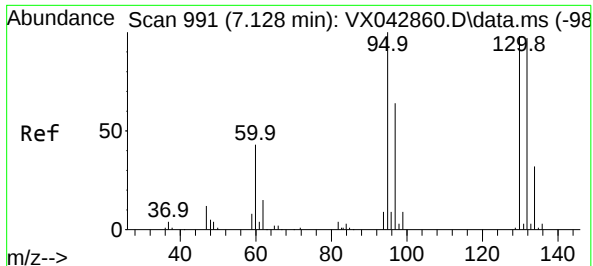


#36  
1,2-Dichloroethane  
Concen: 17.896 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 62 Resp: 48734

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.8  | 6.8   | 10.2# |





#37

Trichloroethene

Concen: 18.947 ug/l

RT: 7.123 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

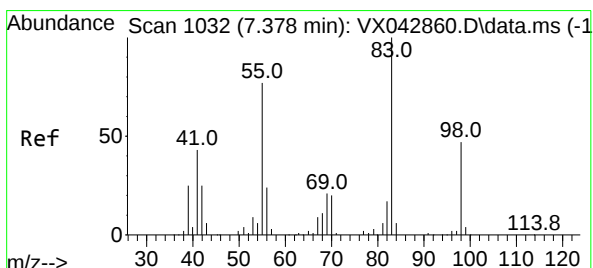
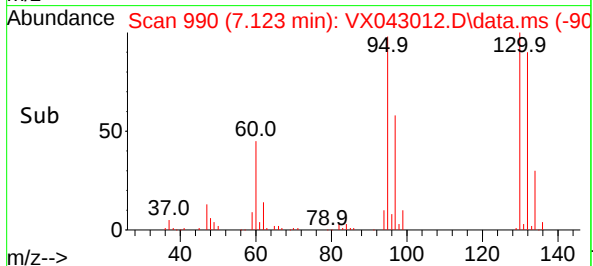
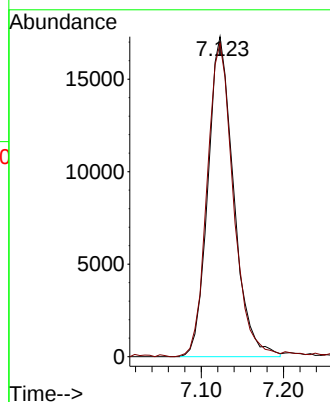
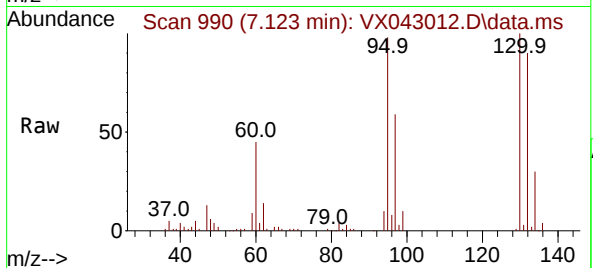
VX0813WBS01

Tgt Ion:130 Resp: 37633

Ion Ratio Lower Upper

130 100

95 97.6 81.4 122.2



#38

Methylcyclohexane

Concen: 18.589 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

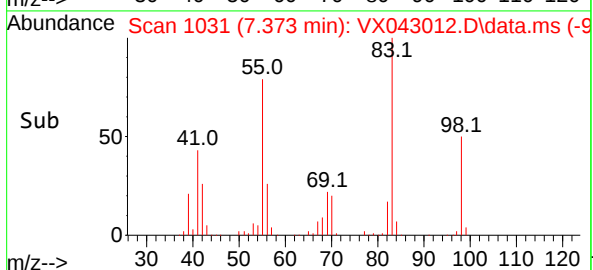
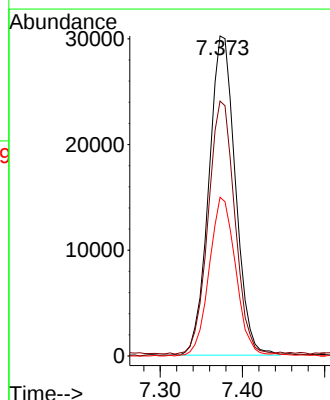
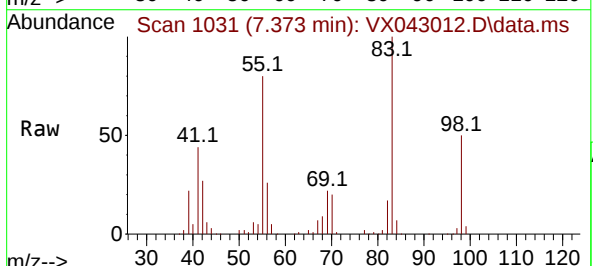
Tgt Ion: 83 Resp: 67907

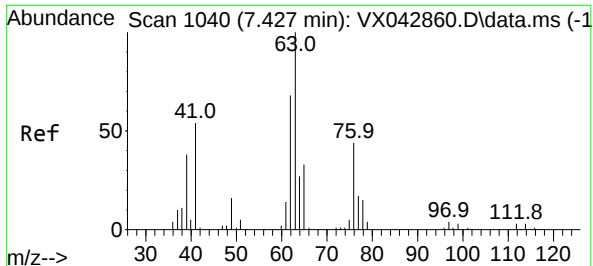
Ion Ratio Lower Upper

83 100

55 79.1 38.0 113.9

98 49.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.000 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

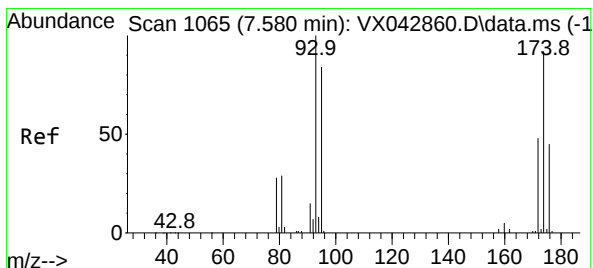
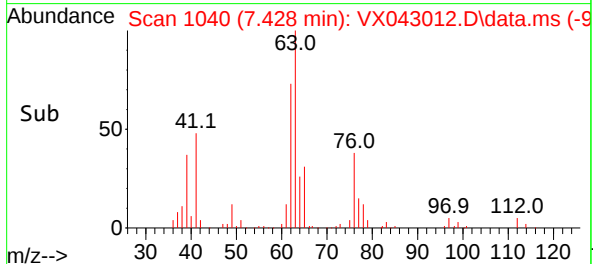
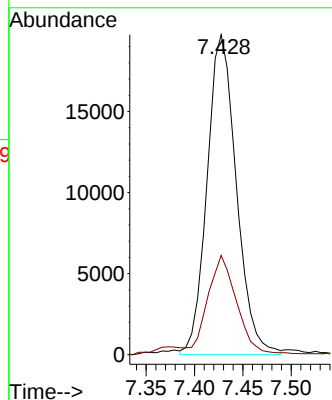
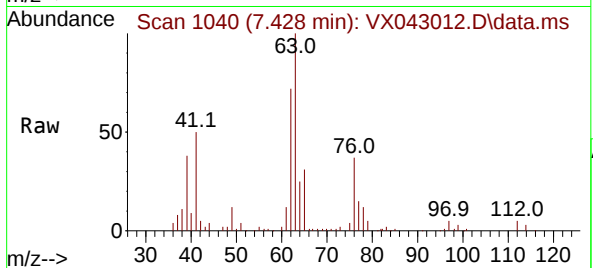
VX0813WBS01

Tgt Ion: 63 Resp: 41567

Ion Ratio Lower Upper

63 100

65 30.7 26.6 39.8



#40

Dibromomethane

Concen: 18.862 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

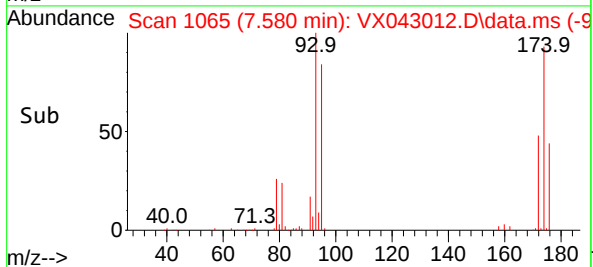
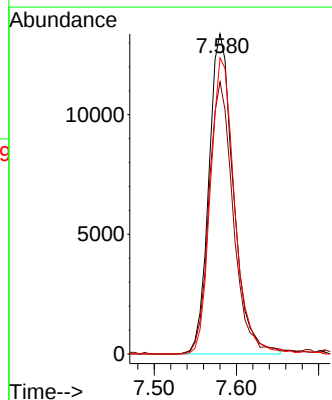
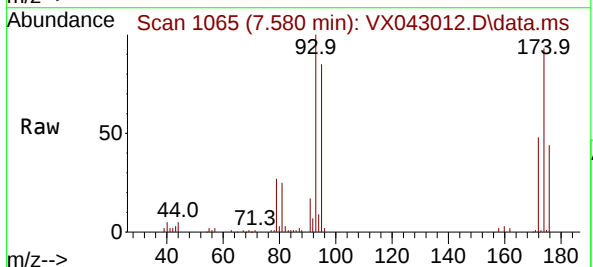
Tgt Ion: 93 Resp: 27762

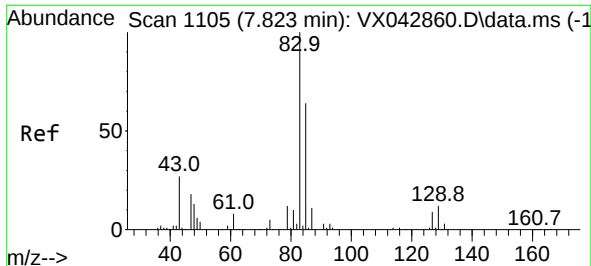
Ion Ratio Lower Upper

93 100

95 83.0 0.0 161.8

174 91.3 0.0 194.0

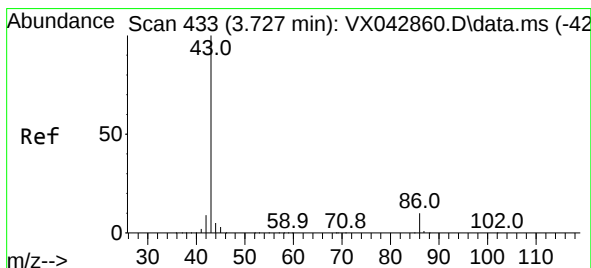
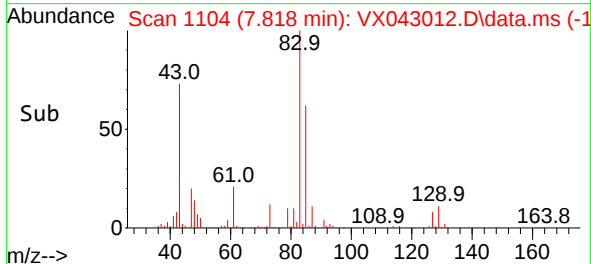
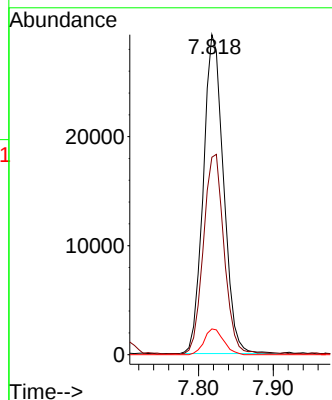
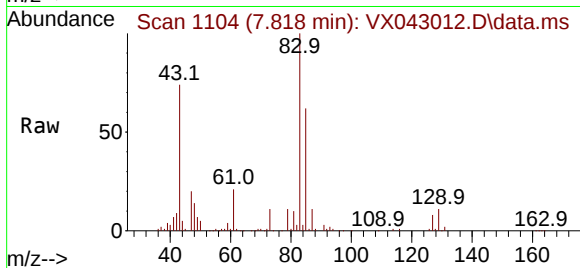




#41  
Bromodichloromethane  
Concen: 18.748 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

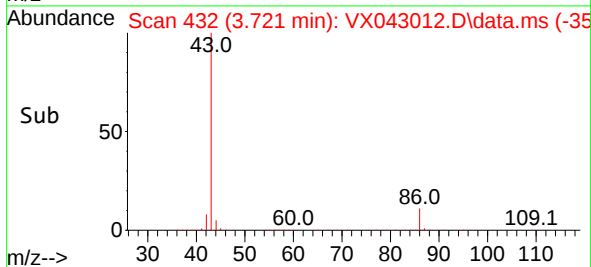
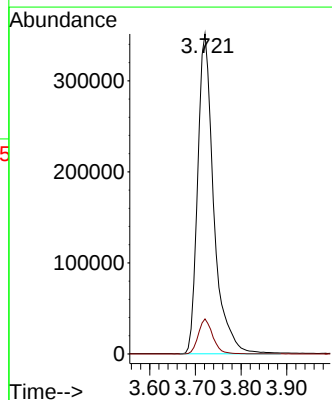
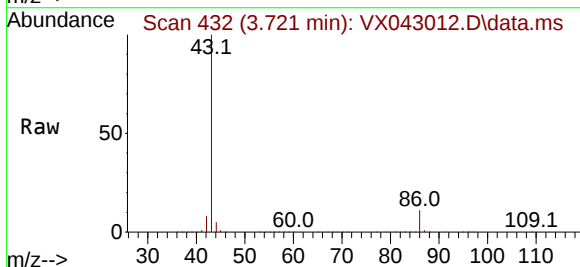
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

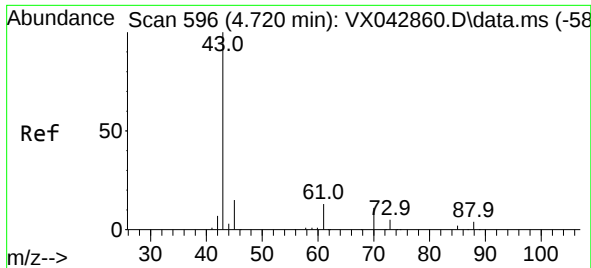
Tgt Ion: 83 Resp: 55073  
Ion Ratio Lower Upper  
83 100  
85 61.7 50.8 76.2  
127 8.1 6.9 10.3



#42  
Vinyl Acetate  
Concen: 99.065 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 43 Resp: 858085  
Ion Ratio Lower Upper  
43 100  
86 9.8 7.2 10.8

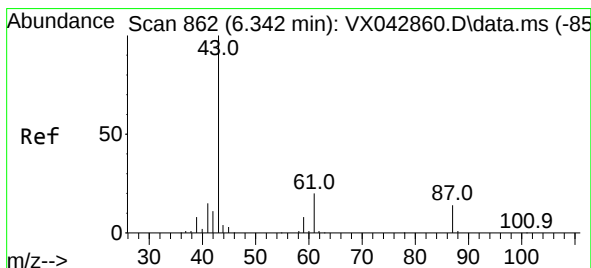
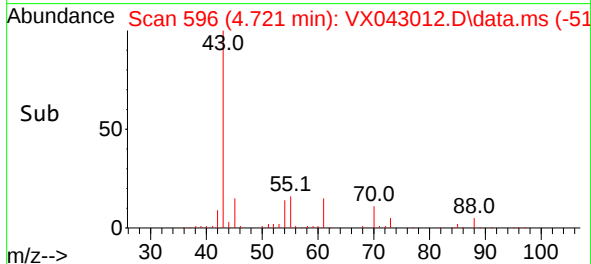
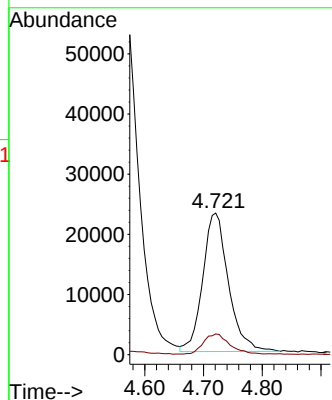
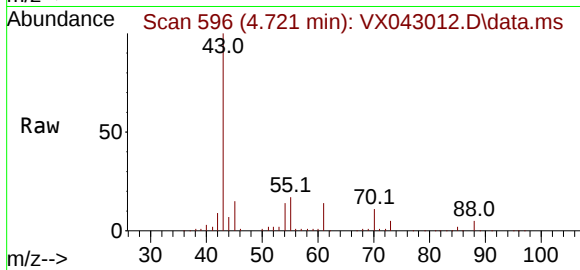




#43  
Ethyl Acetate  
Concen: 19.179 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

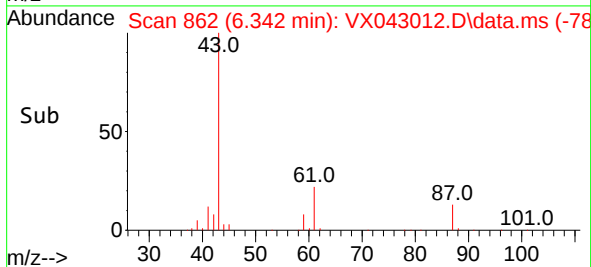
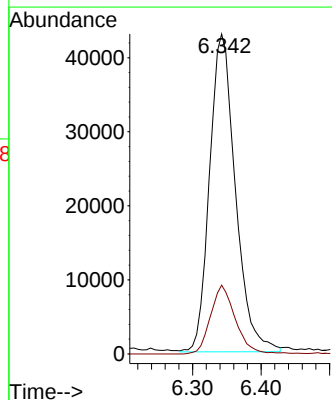
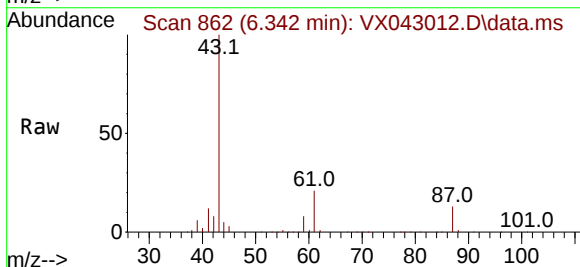
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

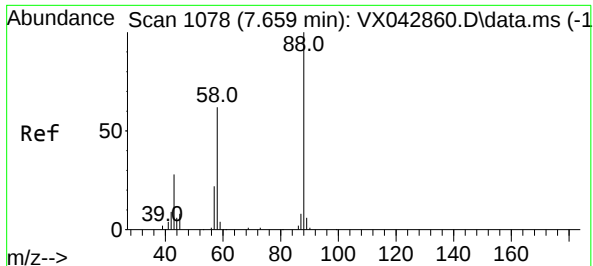
Tgt Ion: 43 Resp: 69939  
Ion Ratio Lower Upper  
43 100  
45 14.8 12.5 18.7



#44  
Isopropyl Acetate  
Concen: 18.942 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 43 Resp: 112540  
Ion Ratio Lower Upper  
43 100  
61 20.5 15.4 23.0

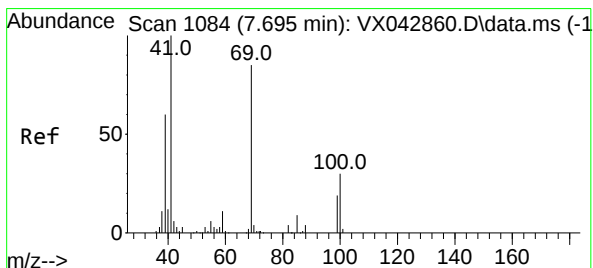
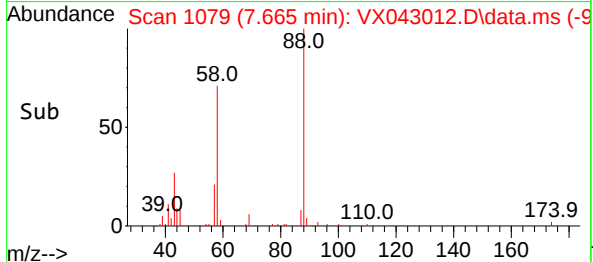
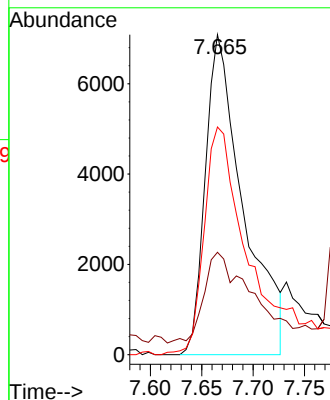
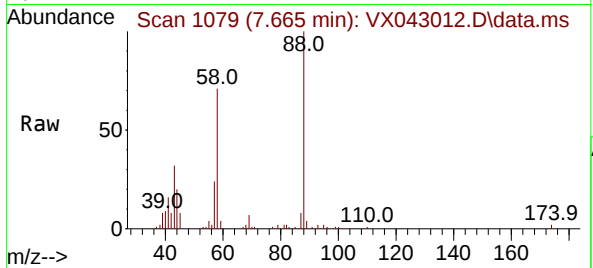




#45  
1,4-Dioxane  
Concen: 317.652 ug/l  
RT: 7.665 min Scan# 1078  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

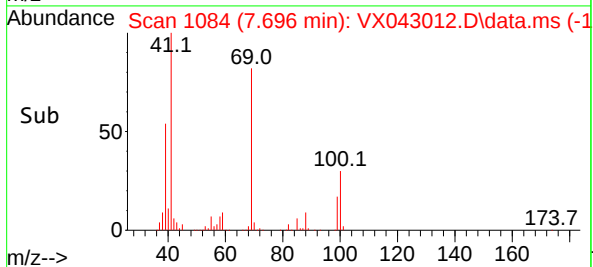
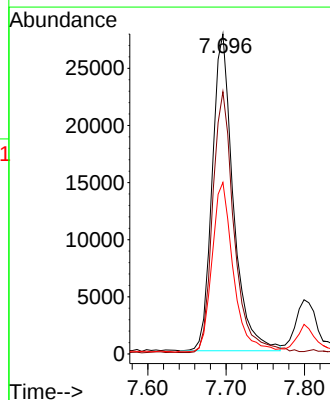
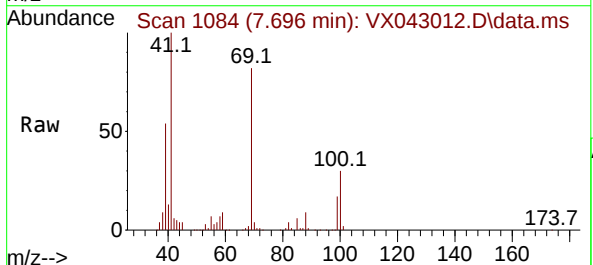
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

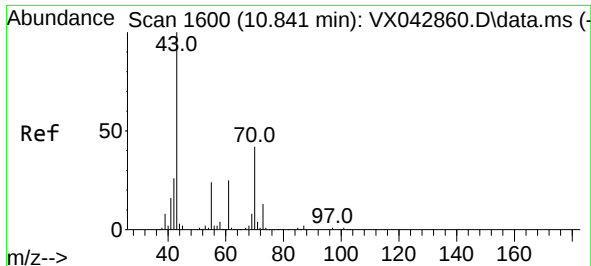
Tgt Ion: 88 Resp: 18218  
Ion Ratio Lower Upper  
88 100  
43 17.4 25.8 38.6#  
58 77.9 55.5 83.3



#46  
Methyl methacrylate  
Concen: 18.492 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 41 Resp: 51896  
Ion Ratio Lower Upper  
41 100  
69 82.3 42.4 127.1  
39 53.3 29.9 89.7

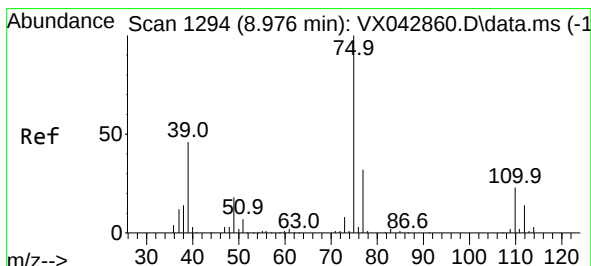
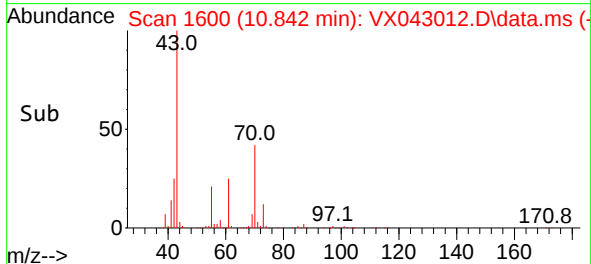
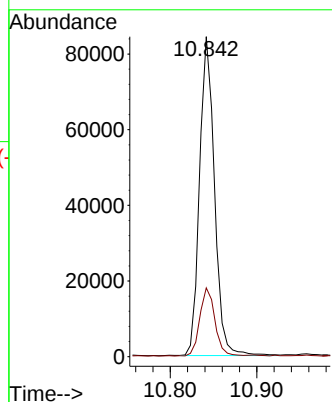
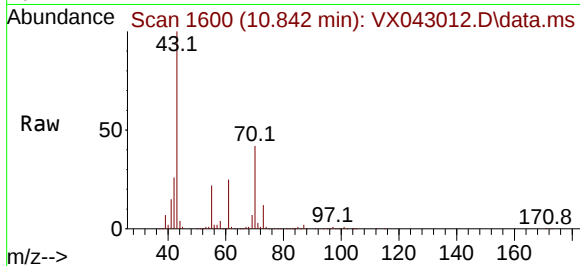




#47  
n-amy1 Acetate  
Concen: 19.229 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

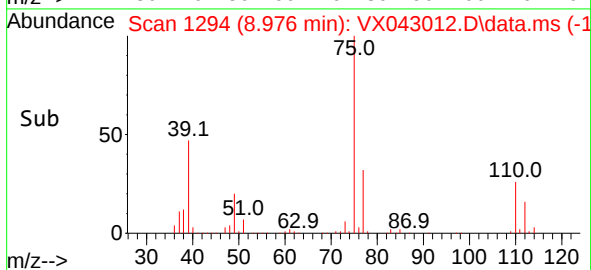
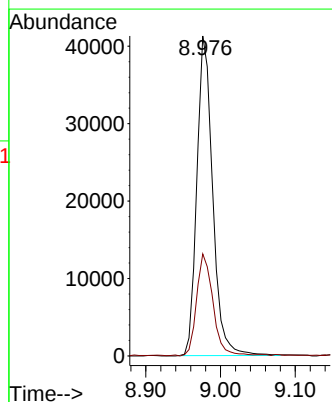
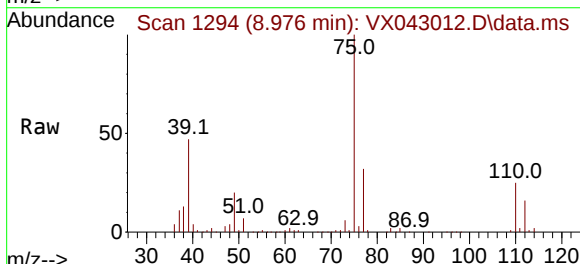
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

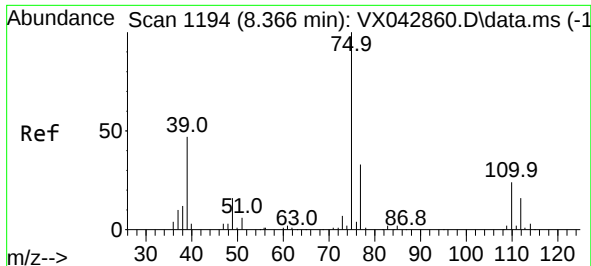
Tgt Ion: 43 Resp: 100864  
Ion Ratio Lower Upper  
43 100  
55 21.4 19.6 29.4



#48  
t-1,3-Dichloropropene  
Concen: 18.633 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 75 Resp: 60732  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 18.800 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0813WBS01

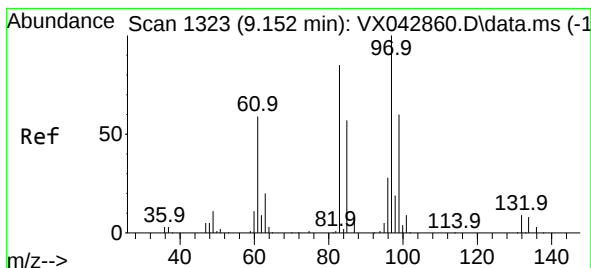
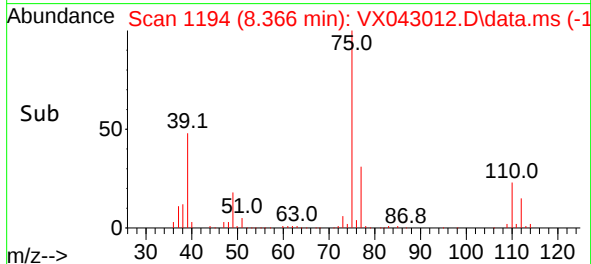
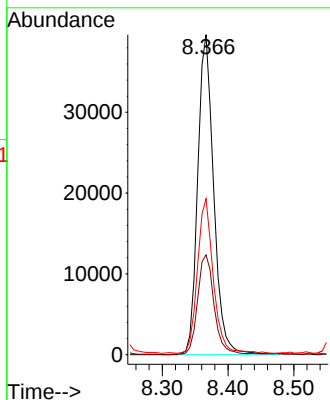
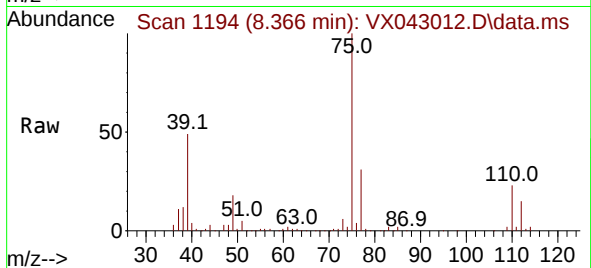
Tgt Ion: 75 Resp: 66874

Ion Ratio Lower Upper

75 100

77 31.0 26.8 40.2

39 48.3 37.5 56.3



#50

1,1,2-Trichloroethane

Concen: 18.983 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Tgt Ion: 97 Resp: 38494

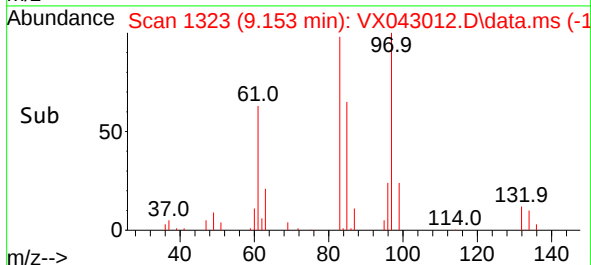
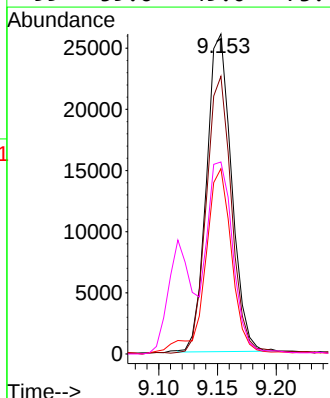
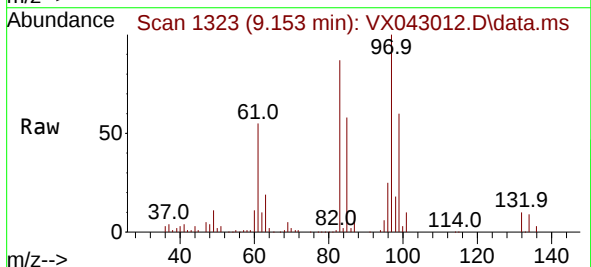
Ion Ratio Lower Upper

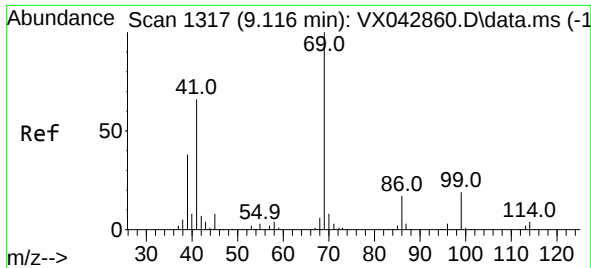
97 100

83 87.0 68.2 102.2

85 57.7 45.4 68.0

99 59.6 49.0 73.4

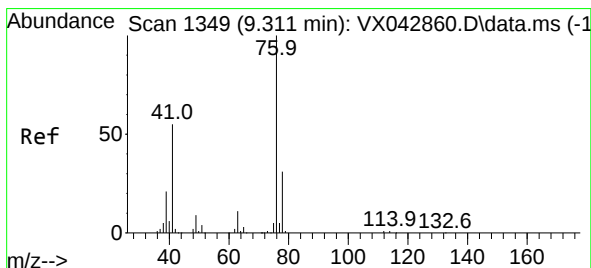
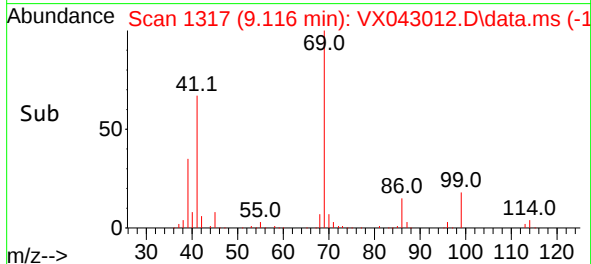
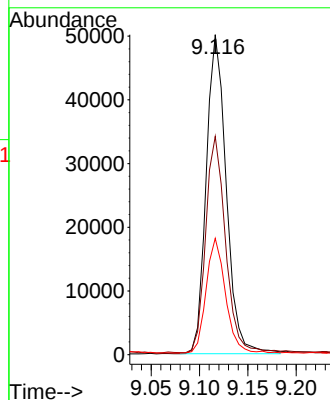
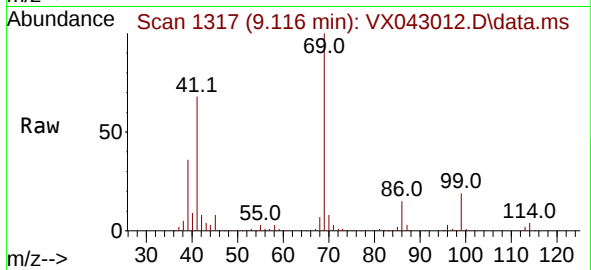




#51  
Ethyl methacrylate  
Concen: 18.791 ug/l  
RT: 9.116 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

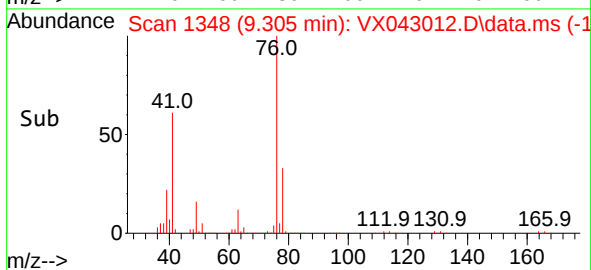
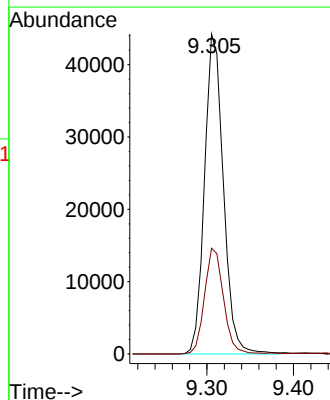
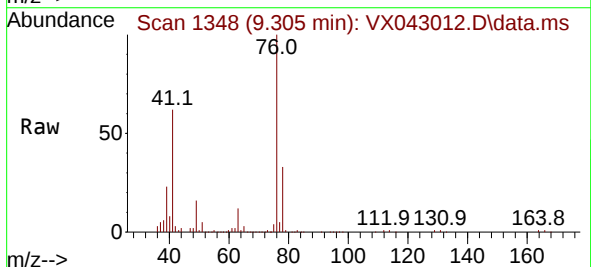
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

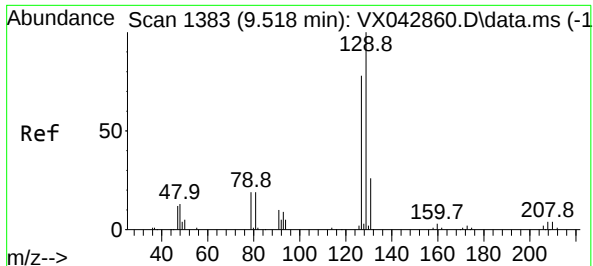
Tgt Ion: 69 Resp: 72364  
Ion Ratio Lower Upper  
69 100  
41 67.7 33.1 99.2  
39 36.0 18.8 56.3



#52  
1,3-Dichloropropane  
Concen: 18.839 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 76 Resp: 67027  
Ion Ratio Lower Upper  
76 100  
78 33.0 0.0 64.8

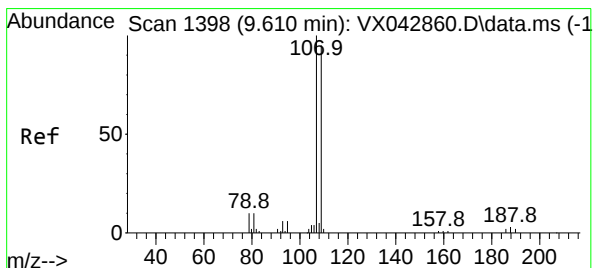
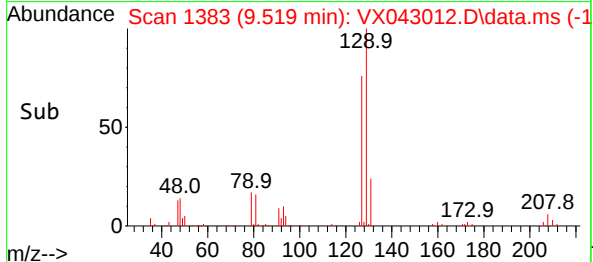
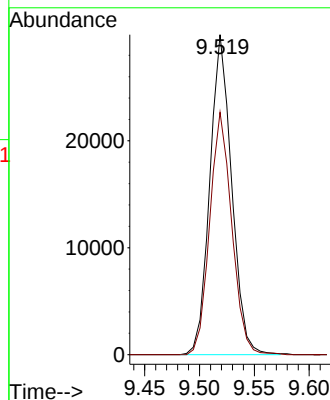
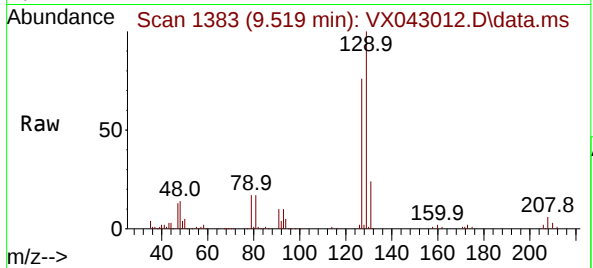




#53  
Dibromochloromethane  
Concen: 18.806 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

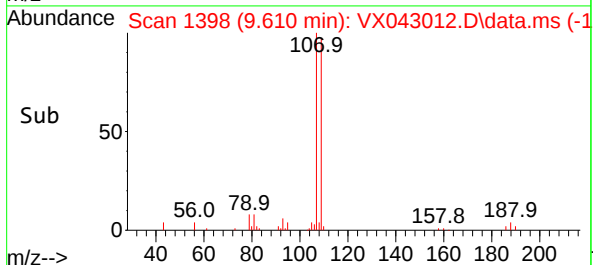
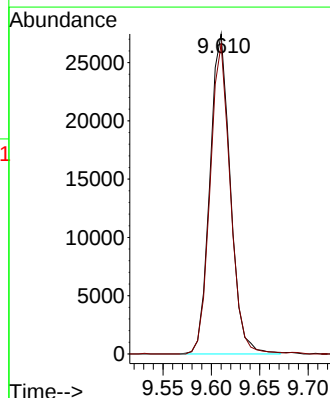
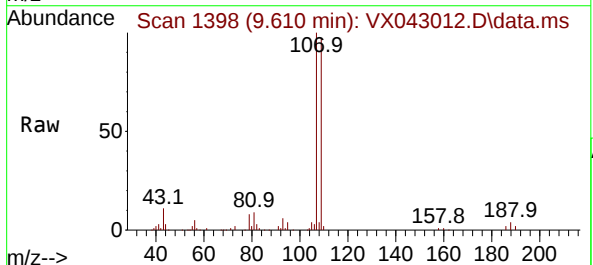
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

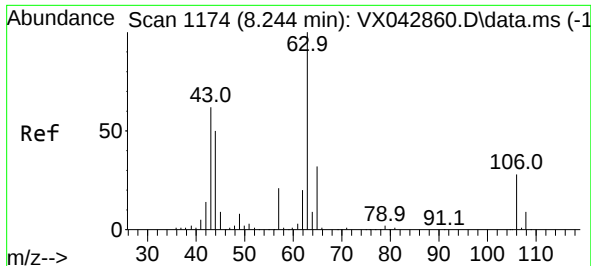
Tgt Ion:129 Resp: 41416  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.5 115.3



#54  
1,2-Dibromoethane  
Concen: 19.242 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion:107 Resp: 40496  
Ion Ratio Lower Upper  
107 100  
109 95.7 74.2 111.4

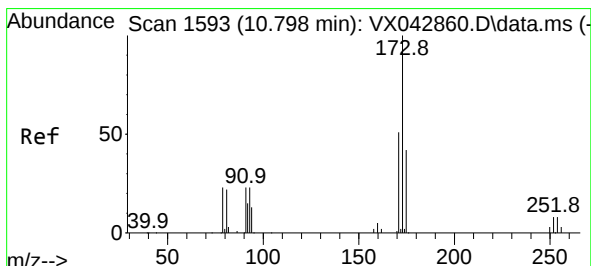
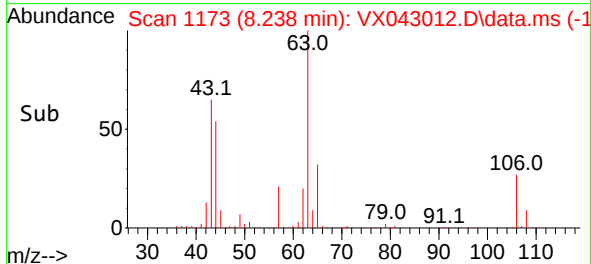
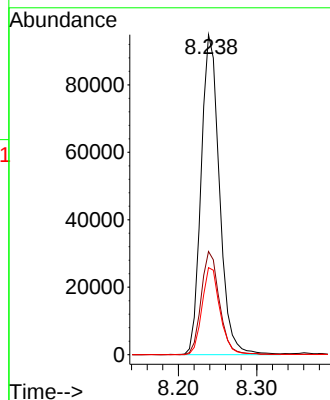
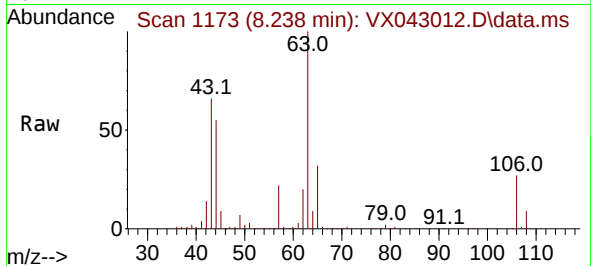




#55  
2-Chloroethyl vinyl ether  
Concen: 87.501 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

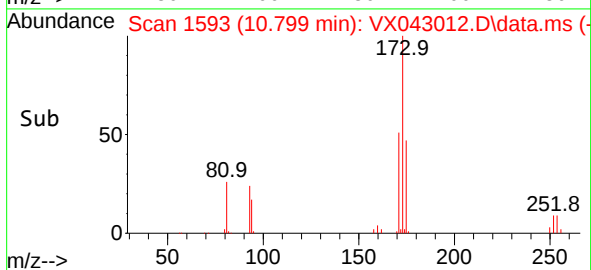
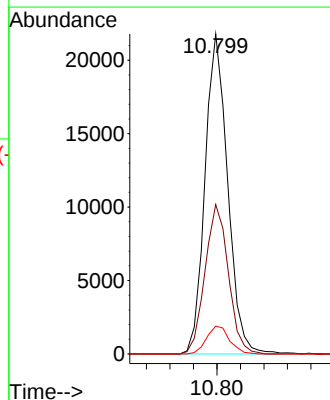
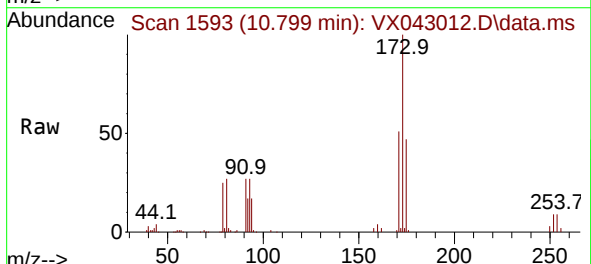
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

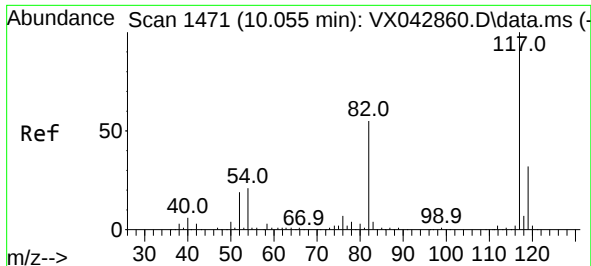
Tgt Ion: 63 Resp: 154383  
Ion Ratio Lower Upper  
63 100  
65 32.0 26.3 39.5  
106 26.7 21.8 32.6



#56  
Bromoform  
Concen: 18.956 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion:173 Resp: 29165  
Ion Ratio Lower Upper  
173 100  
175 48.0 37.1 55.7  
254 8.8 6.6 10.0

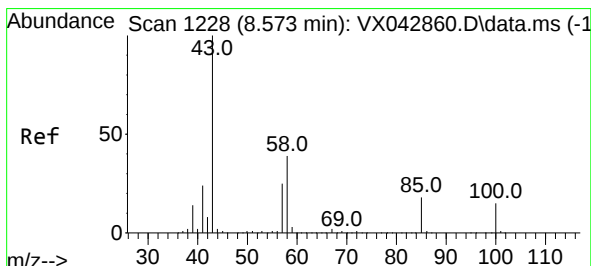
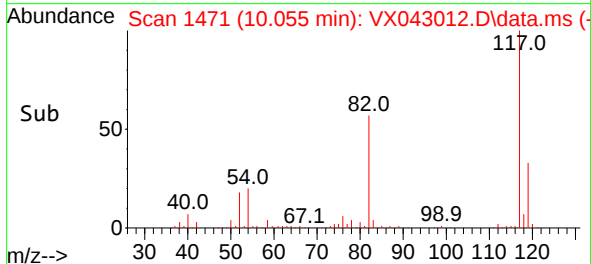
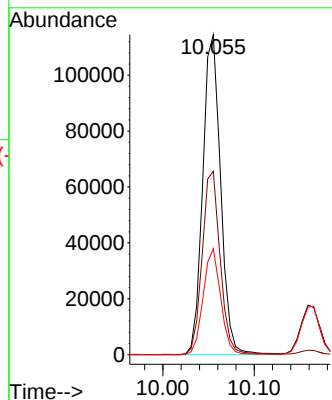
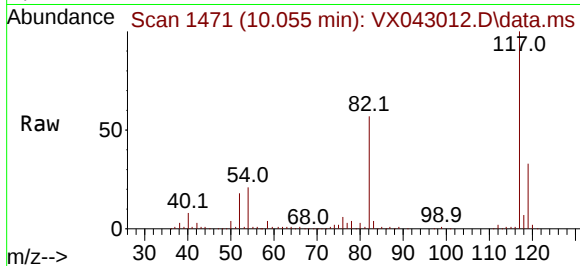




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

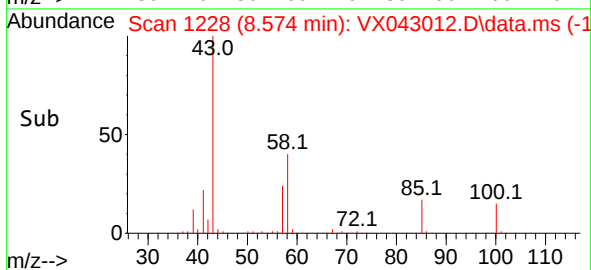
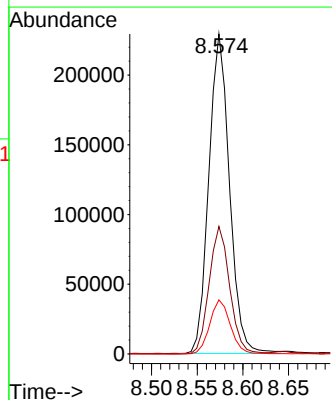
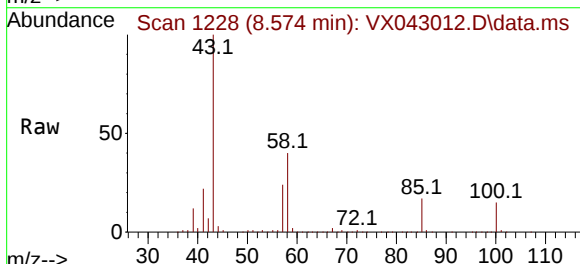
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

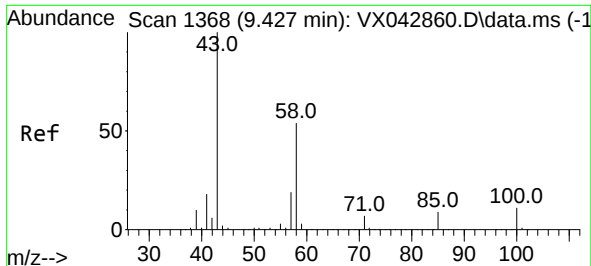
Tgt Ion:117 Resp: 155460  
Ion Ratio Lower Upper  
117 100  
82 57.8 44.9 67.3  
119 32.4 25.4 38.2



#58  
4-Methyl-2-Pentanone  
Concen: 100.329 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 43 Resp: 360690  
Ion Ratio Lower Upper  
43 100  
58 39.6 31.4 47.0  
85 16.8 14.6 21.8





#59

2-Hexanone

Concen: 101.271 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0813WBS01

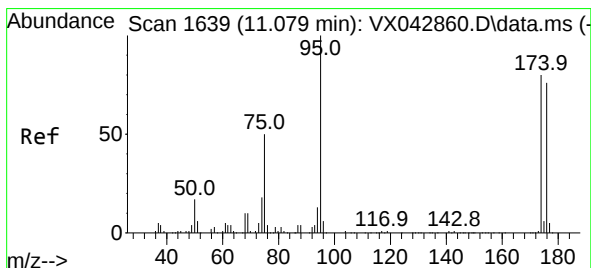
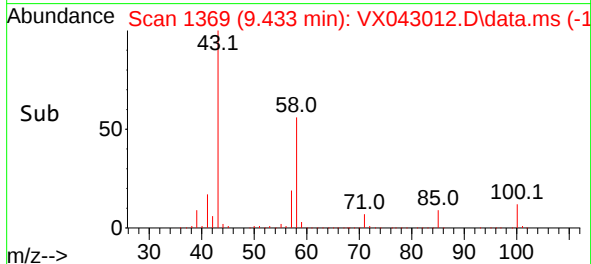
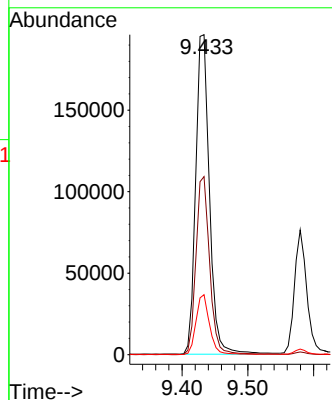
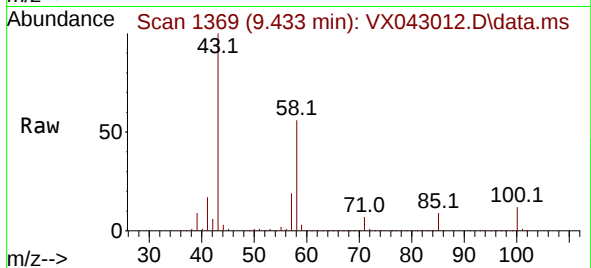
Tgt Ion: 43 Resp: 284247

Ion Ratio Lower Upper

43 100

58 55.2 43.5 65.3

57 18.1 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 29.536 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

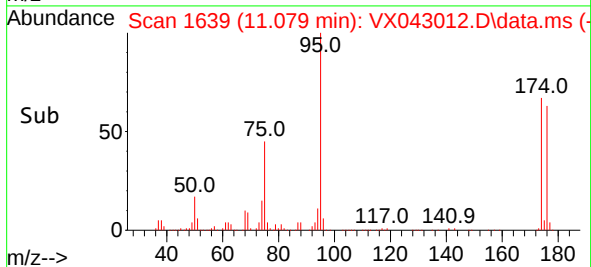
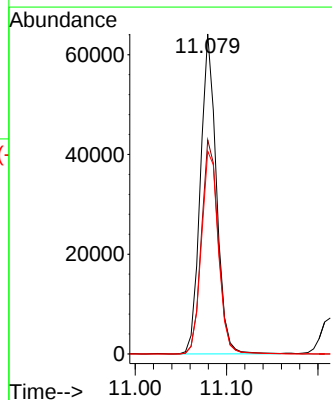
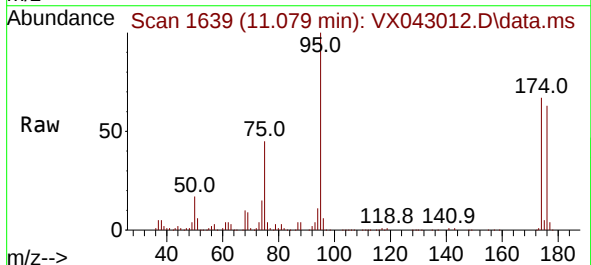
Tgt Ion: 95 Resp: 77950

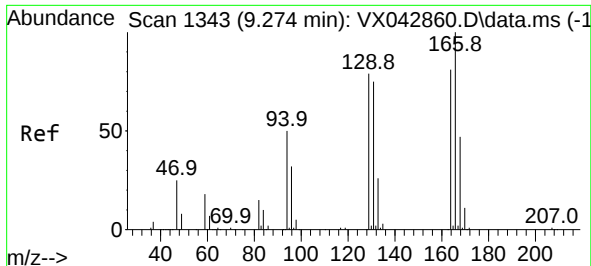
Ion Ratio Lower Upper

95 100

174 70.4 65.0 97.6

176 67.2 63.4 95.0



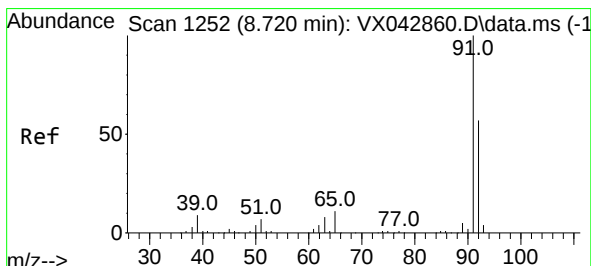
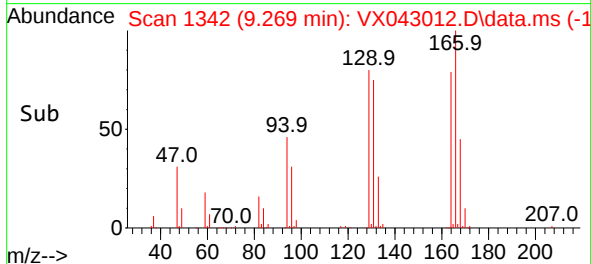
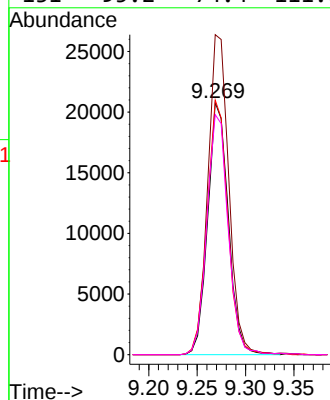
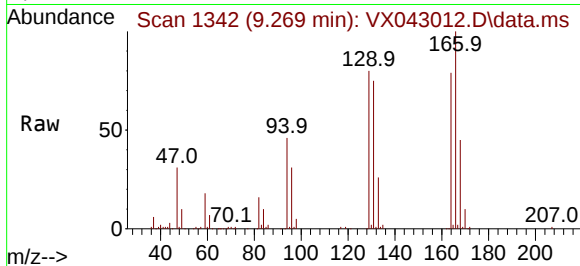


#61  
 Tetrachloroethene  
 Concen: 18.792 ug/l  
 RT: 9.269 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0813WBS01

Tgt Ion:164 Resp: 30816

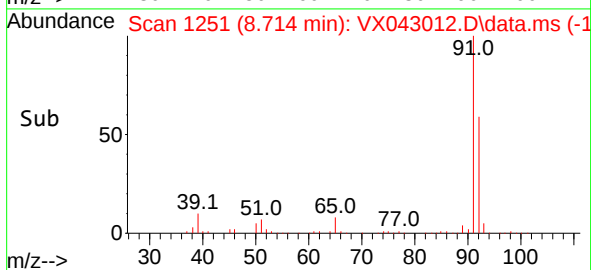
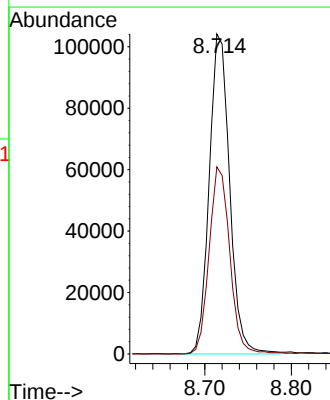
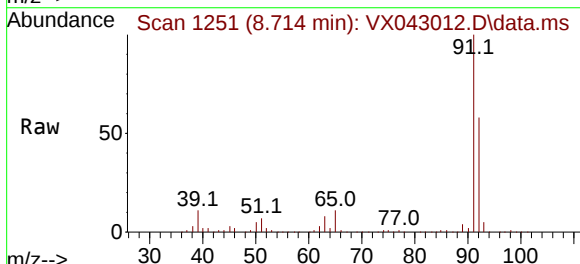
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 126.9 | 98.6  | 147.8 |
| 129 | 101.0 | 77.4  | 116.0 |
| 131 | 95.2  | 74.4  | 111.6 |

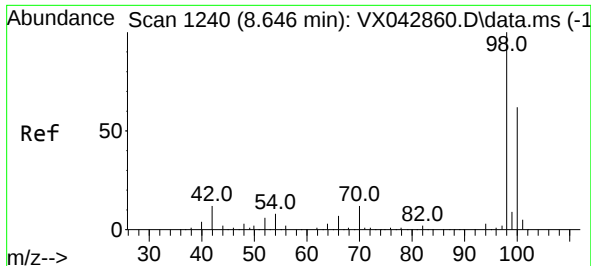


#62  
 Toluene  
 Concen: 19.219 ug/l  
 RT: 8.714 min Scan# 1251  
 Delta R.T. -0.006 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

Tgt Ion: 91 Resp: 170672

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 59.0  | 45.7  | 68.5  |

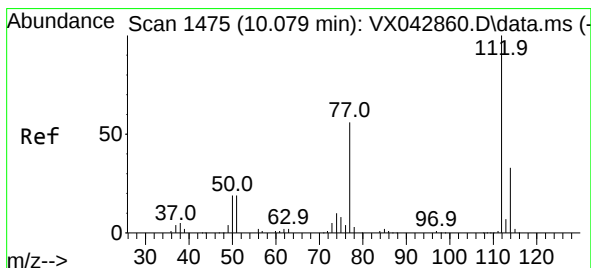
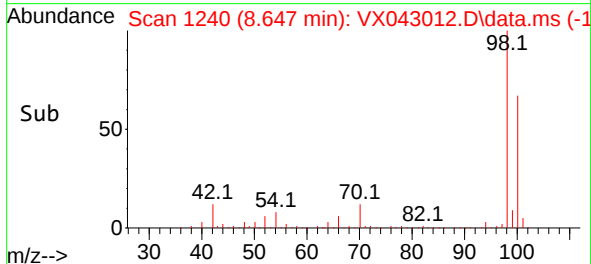
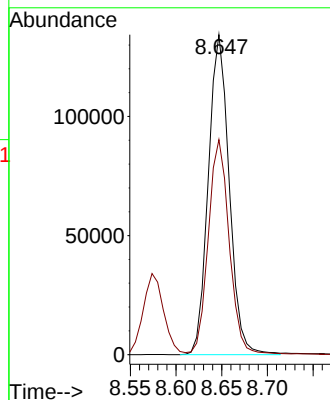
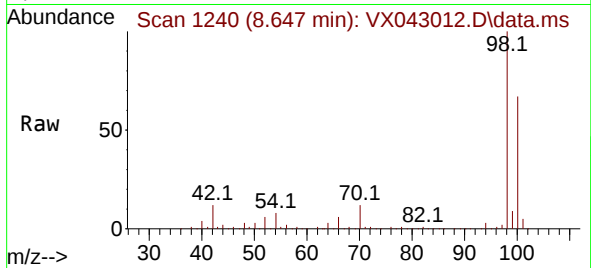




#63  
Toluene-d8  
Concen: 29.855 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

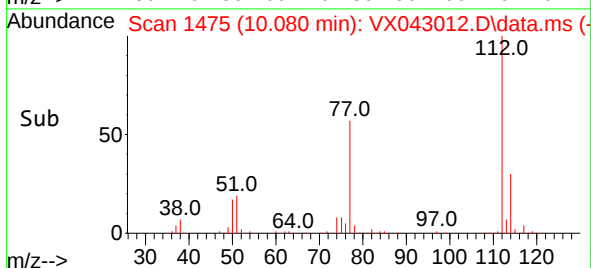
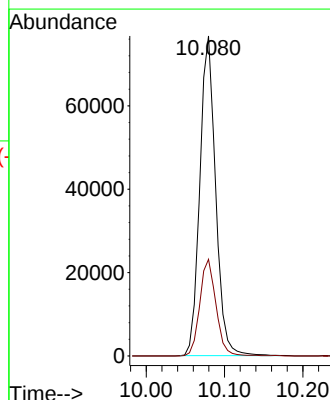
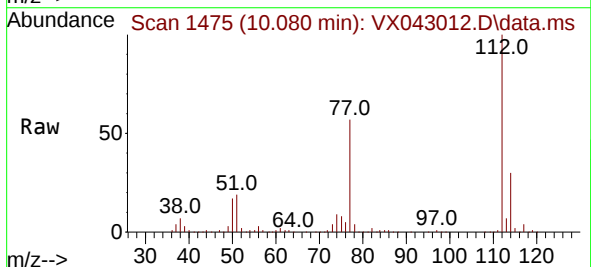
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

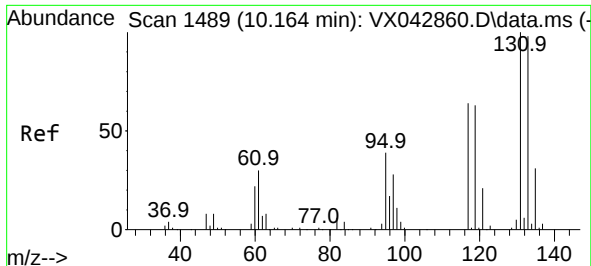
Tgt Ion: 98 Resp: 213202  
Ion Ratio Lower Upper  
98 100  
100 66.7 50.9 76.3



#64  
Chlorobenzene  
Concen: 19.776 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 112 Resp: 107696  
Ion Ratio Lower Upper  
112 100  
114 30.2 26.3 39.5

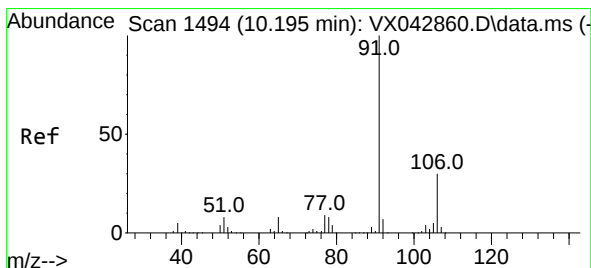
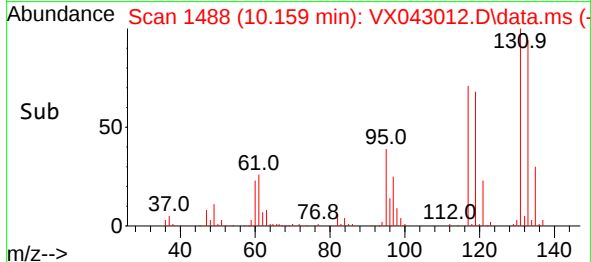
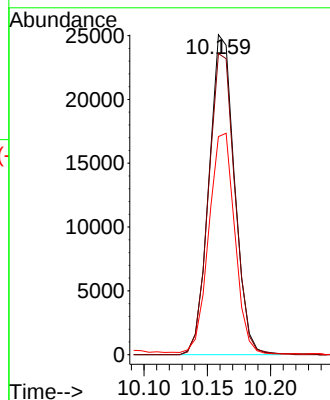
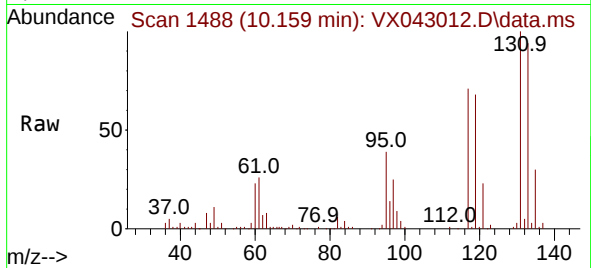




#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.066 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

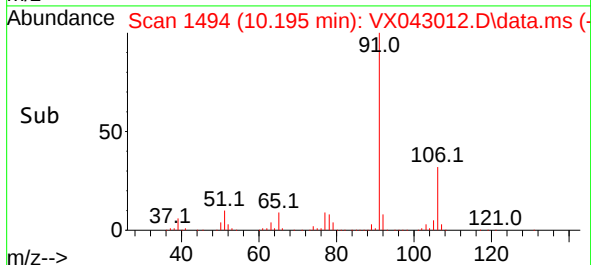
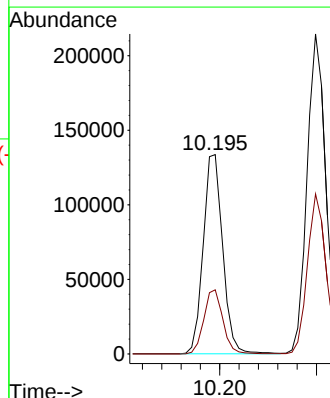
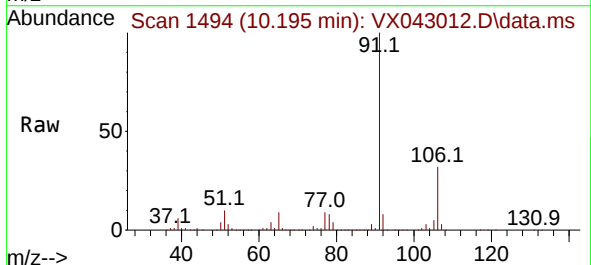
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

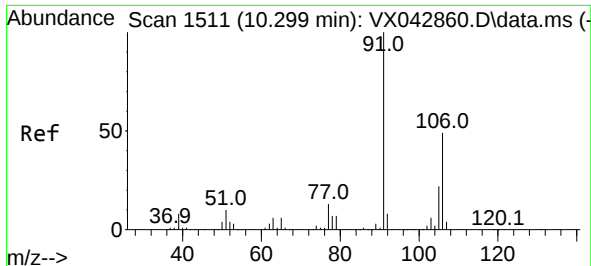
Tgt Ion:131 Resp: 35263  
Ion Ratio Lower Upper  
131 100  
133 96.6 0.0 188.2  
119 70.7 0.0 131.0



#66  
Ethyl Benzene  
Concen: 19.432 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 91 Resp: 187529  
Ion Ratio Lower Upper  
91 100  
106 32.2 23.8 35.8





#67

m/p-Xylenes

Concen: 39.611 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

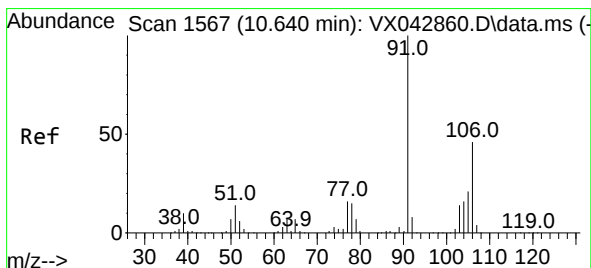
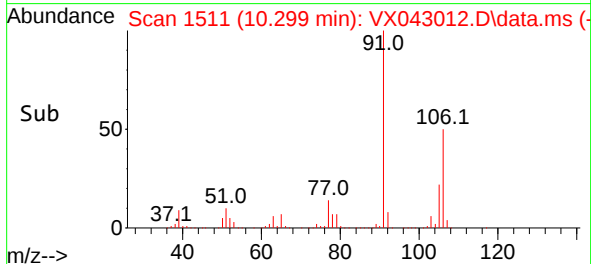
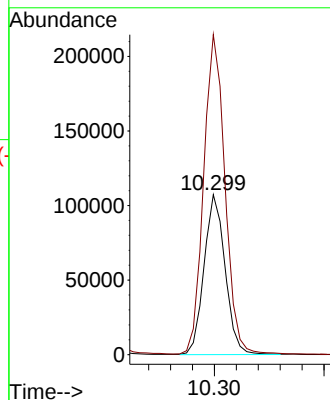
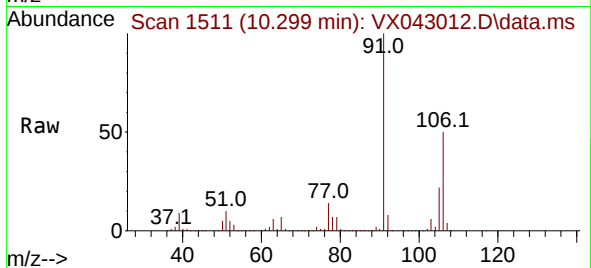
VX0813WBS01

Tgt Ion:106 Resp: 142958

Ion Ratio Lower Upper

106 100

91 203.0 165.3 247.9



#68

o-Xylene

Concen: 19.708 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043012.D

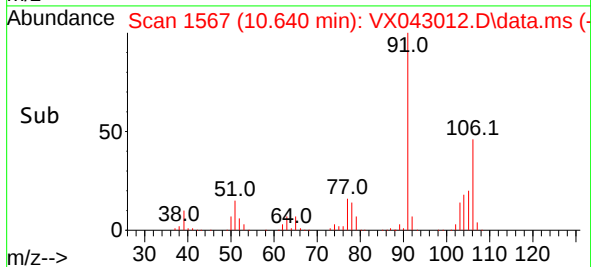
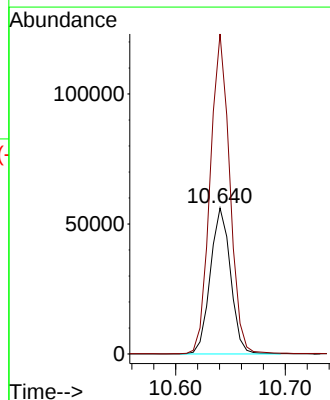
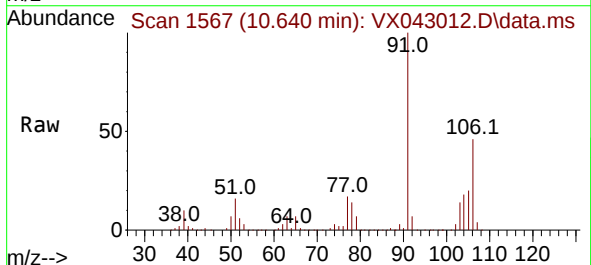
Acq: 13 Aug 2024 14:05

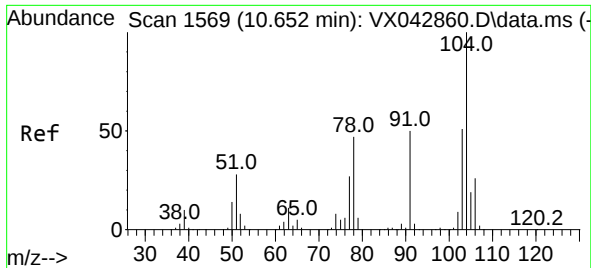
Tgt Ion:106 Resp: 71943

Ion Ratio Lower Upper

106 100

91 212.4 107.5 322.4

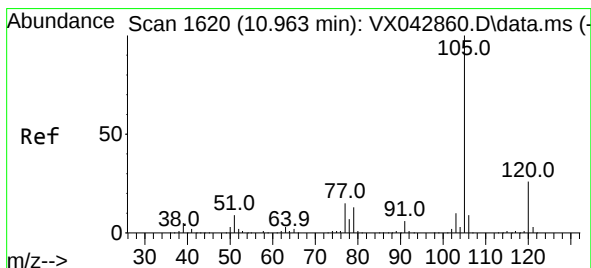
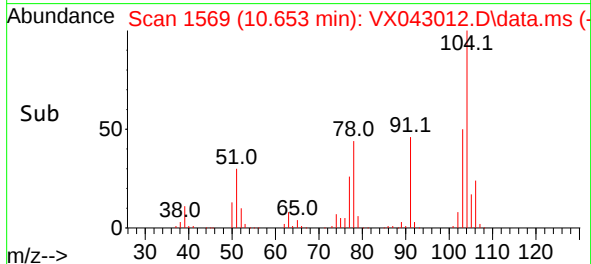
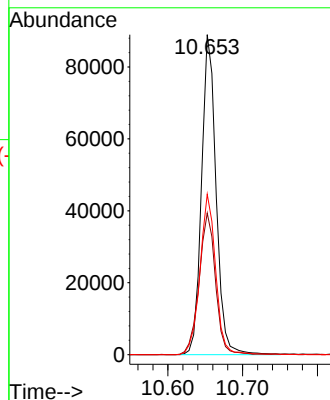
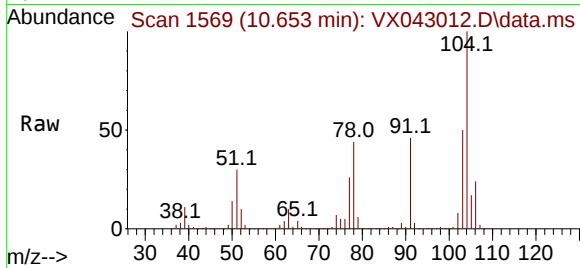




#69  
Styrene  
Concen: 19.797 ug/l  
RT: 10.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

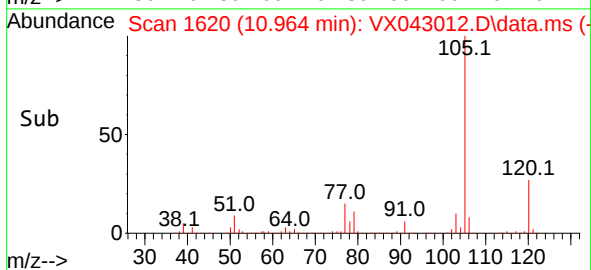
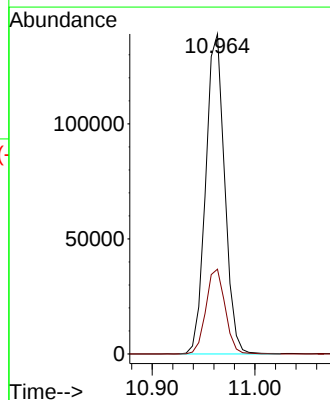
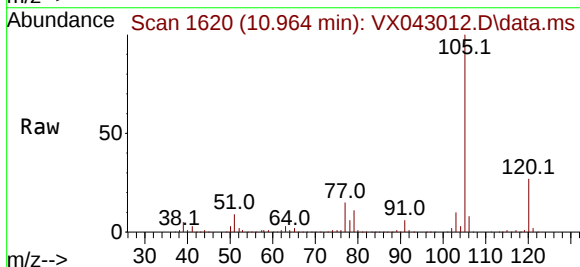
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

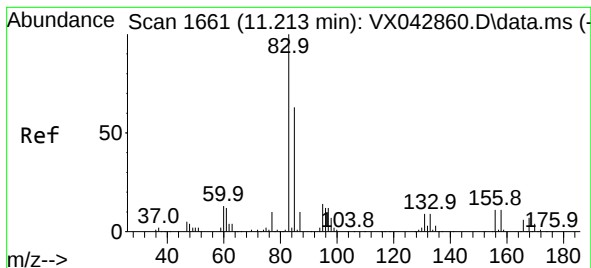
Tgt Ion:104 Resp: 120432  
Ion Ratio Lower Upper  
104 100  
78 49.5 41.1 61.7  
103 54.1 44.2 66.2



#70  
Isopropylbenzene  
Concen: 19.704 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion:105 Resp: 178440  
Ion Ratio Lower Upper  
105 100  
120 26.9 18.4 34.2





#71

1,1,2,2-Tetrachloroethane

Concen: 19.558 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0813WBS01

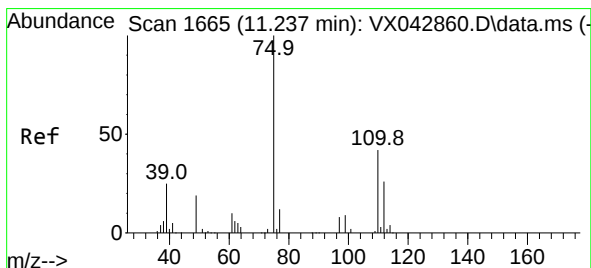
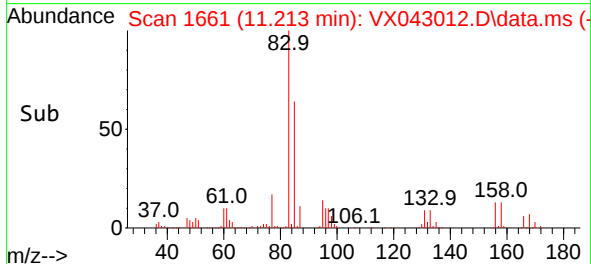
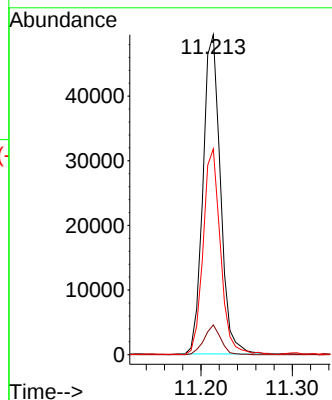
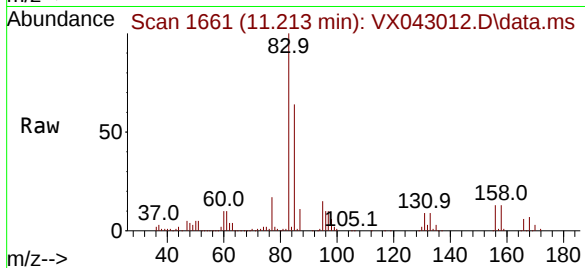
Tgt Ion: 83 Resp: 65621

Ion Ratio Lower Upper

83 100

131 8.9 4.9 14.7

85 63.6 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 18.590 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043012.D

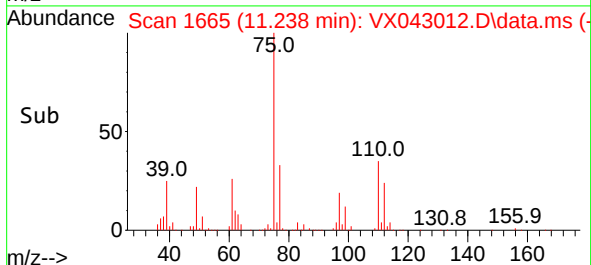
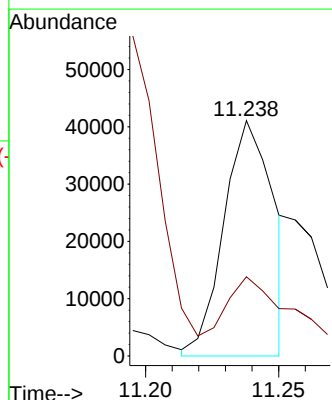
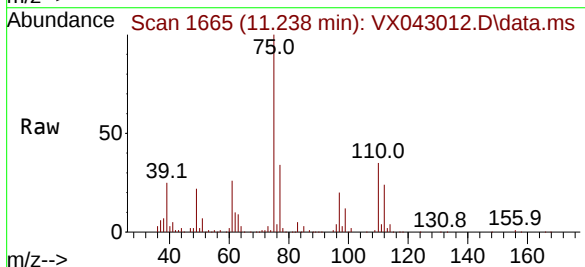
Acq: 13 Aug 2024 14:05

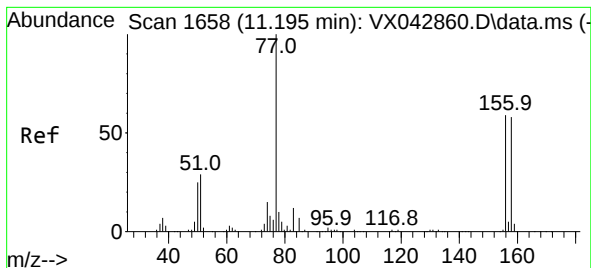
Tgt Ion: 75 Resp: 53382

Ion Ratio Lower Upper

75 100

77 46.9 0.0 89.6





#73

Bromobenzene

Concen: 19.757 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0813WBS01

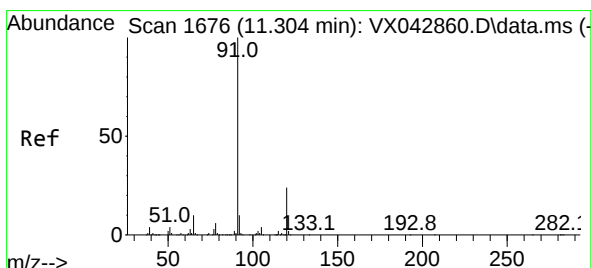
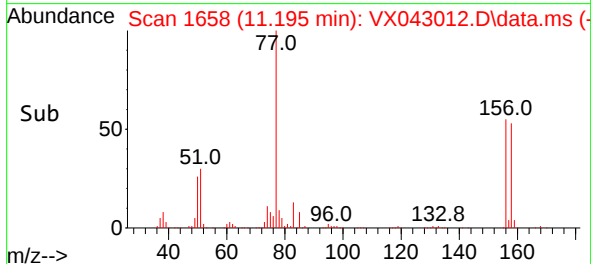
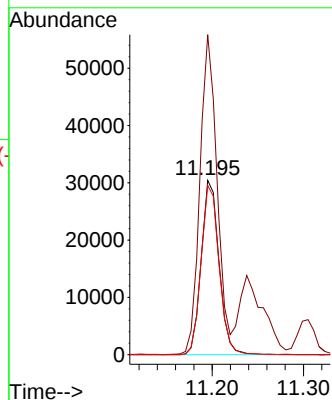
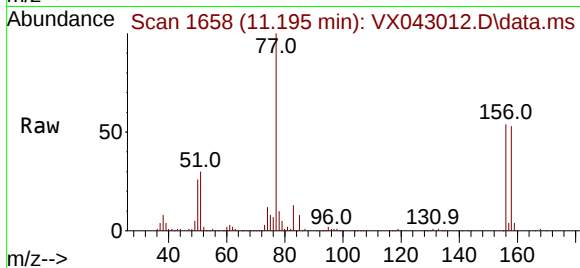
Tgt Ion:156 Resp: 41097

Ion Ratio Lower Upper

156 100

77 175.8 0.0 317.2

158 97.9 0.0 195.2



#74

n-propylbenzene

Concen: 19.604 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043012.D

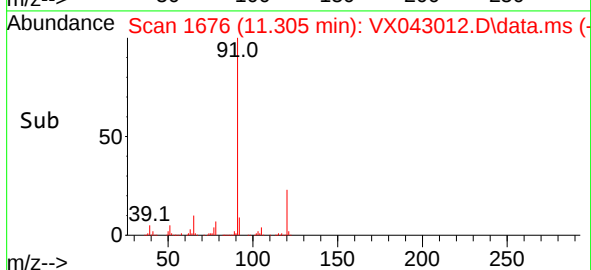
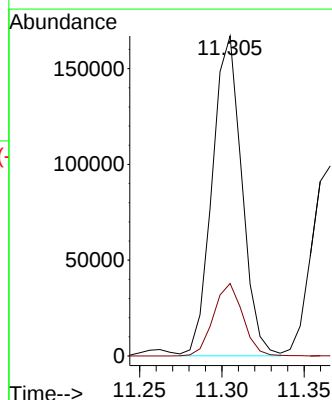
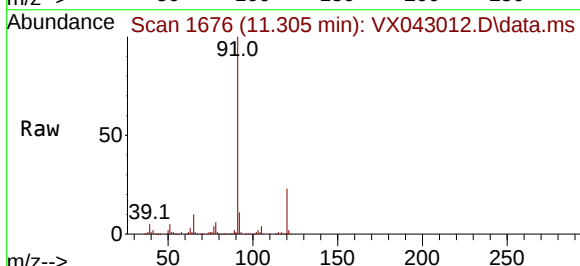
Acq: 13 Aug 2024 14:05

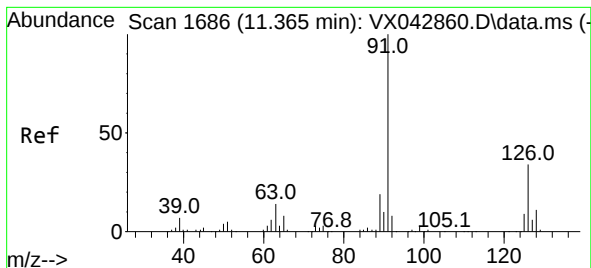
Tgt Ion: 91 Resp: 209512

Ion Ratio Lower Upper

91 100

120 22.5 0.0 45.8

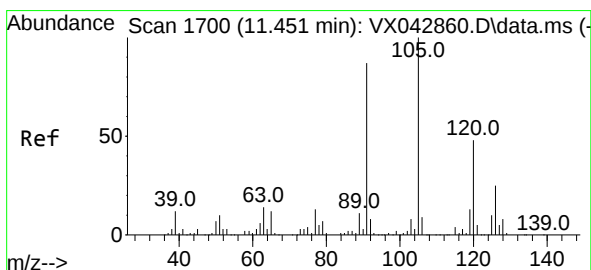
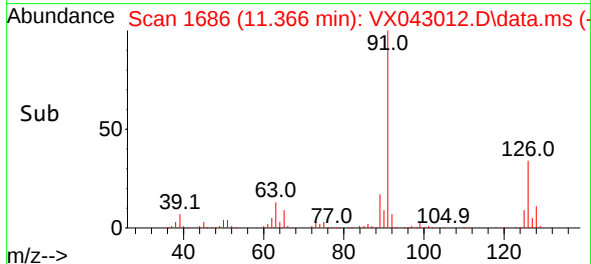
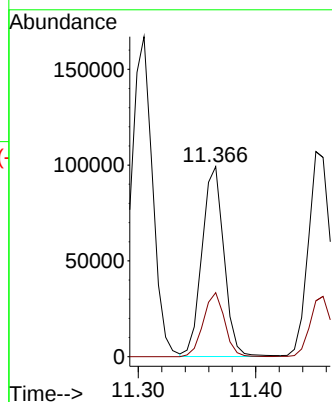
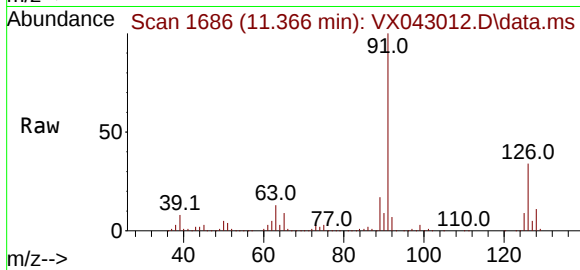




#75  
2-Chlorotoluene  
Concen: 19.471 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

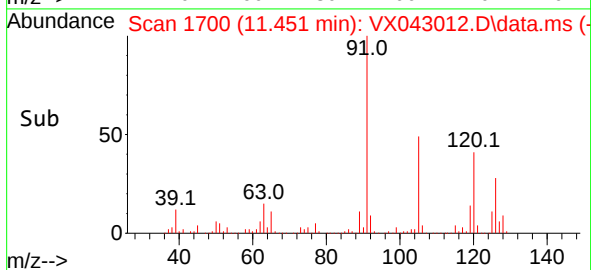
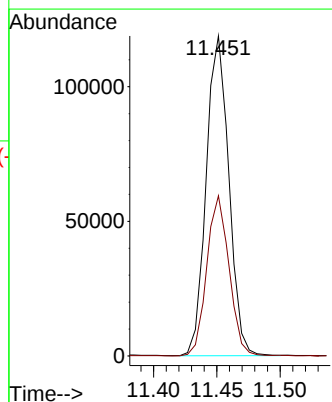
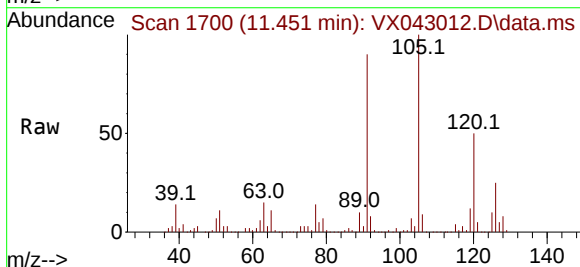
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

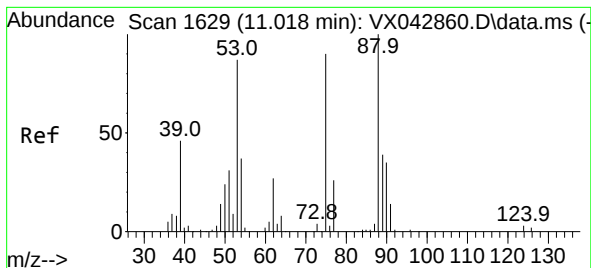
Tgt Ion: 91 Resp: 128716  
Ion Ratio Lower Upper  
91 100  
126 32.8 0.0 66.2



#76  
1,3,5-Trimethylbenzene  
Concen: 20.031 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 105 Resp: 147957  
Ion Ratio Lower Upper  
105 100  
120 49.3 0.0 94.8

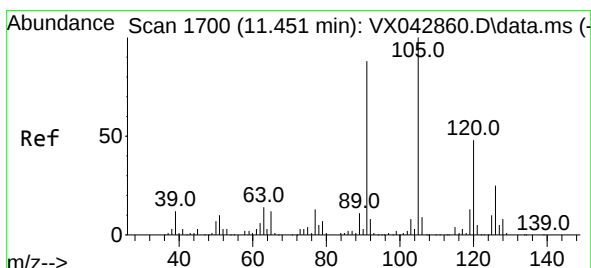
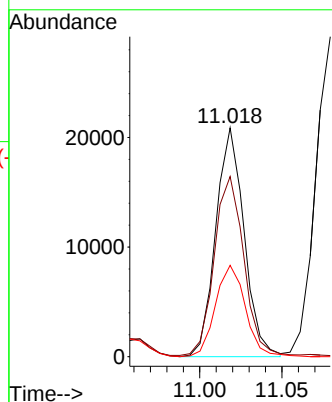
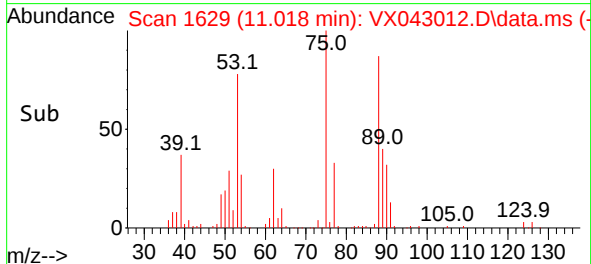
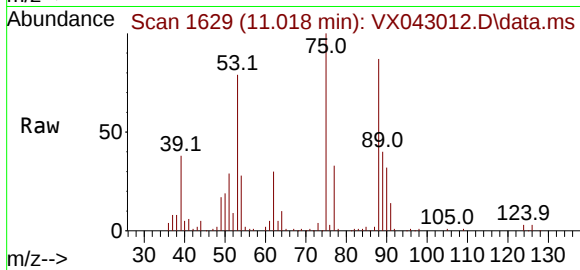




#77  
t-1,4-Dichloro-2-butene  
Concen: 18.653 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

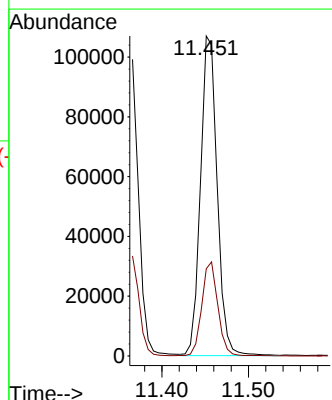
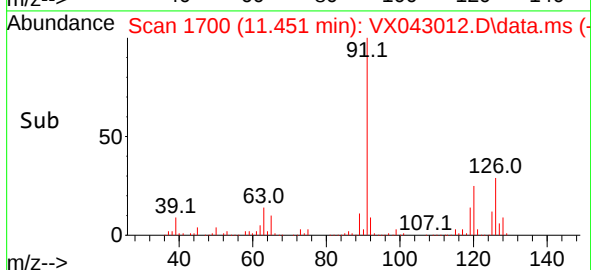
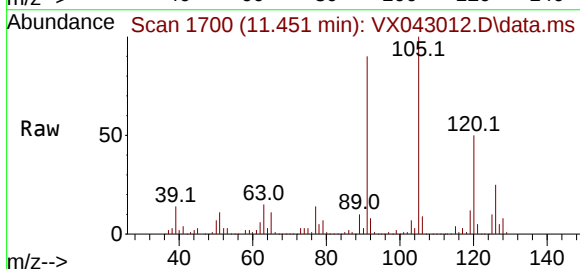
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

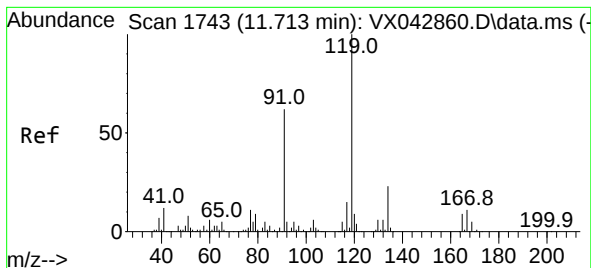
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 25005 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 78.1  | 48.5  | 145.5 |
| 89       | 40.0  | 21.9  | 65.5  |



#78  
4-Chlorotoluene  
Concen: 19.961 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 143268 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 27.8  | 0.0   | 59.4   |





#79

tert-butylbenzene

Concen: 19.945 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0813WBS01

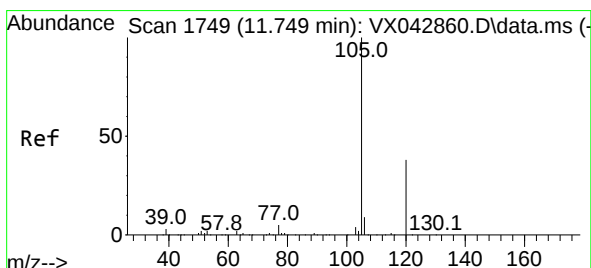
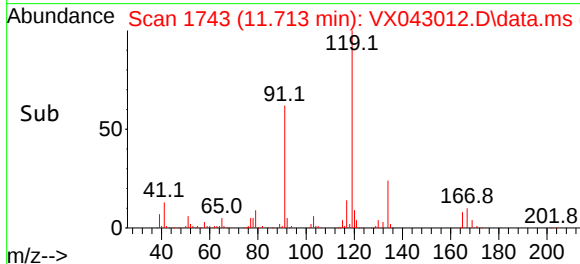
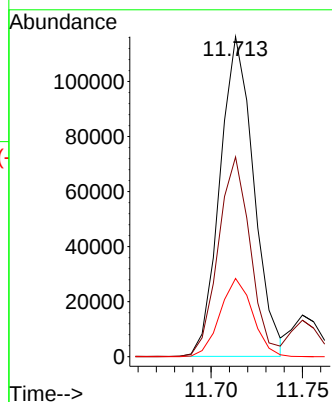
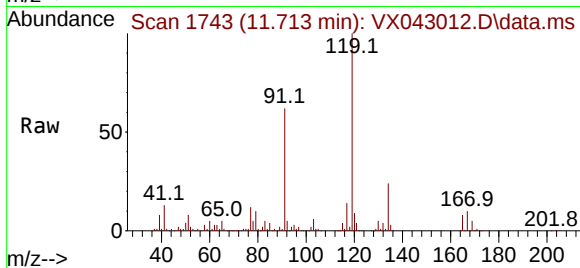
Tgt Ion:119 Resp: 150051

Ion Ratio Lower Upper

119 100

91 59.2 0.0 118.6

134 23.6 0.0 44.4



#80

1,2,4-Trimethylbenzene

Concen: 19.870 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043012.D

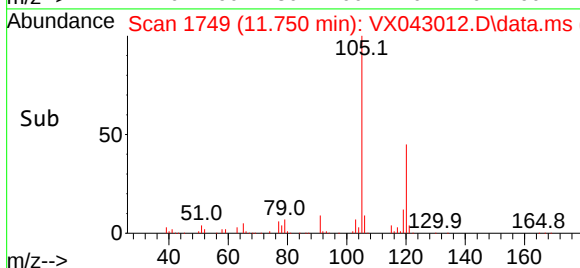
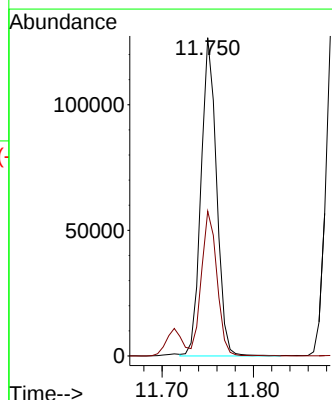
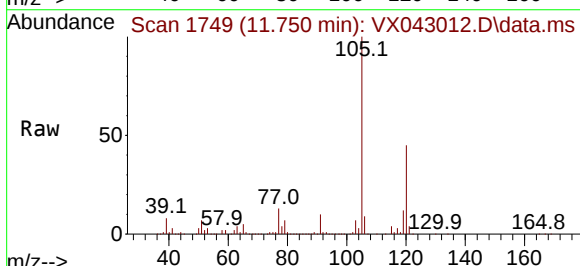
Acq: 13 Aug 2024 14:05

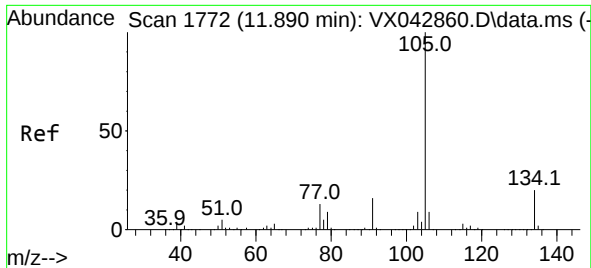
Tgt Ion:105 Resp: 149625

Ion Ratio Lower Upper

105 100

120 44.9 0.0 87.8

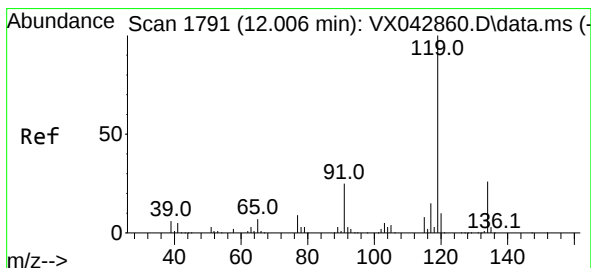
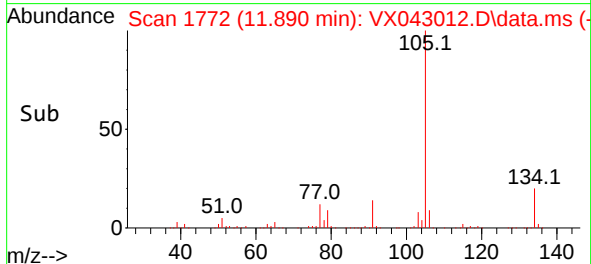
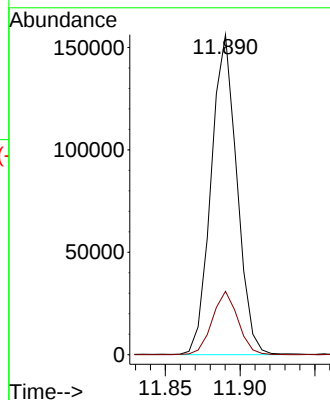
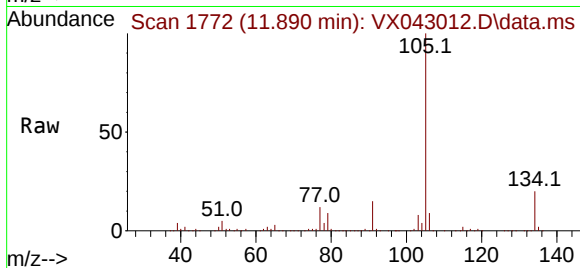




#81  
 sec-Butylbenzene  
 Concen: 19.698 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

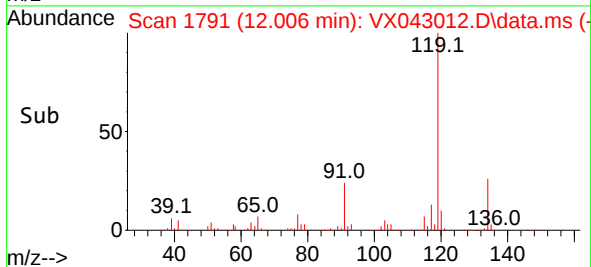
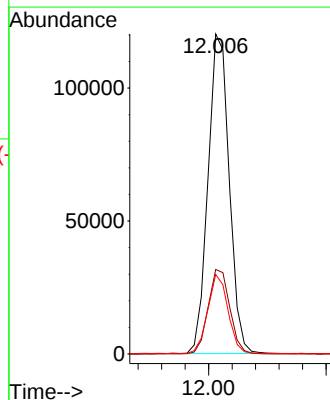
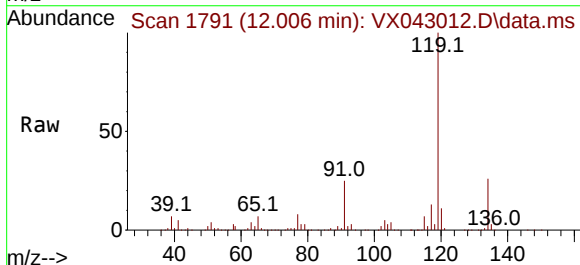
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0813WBS01

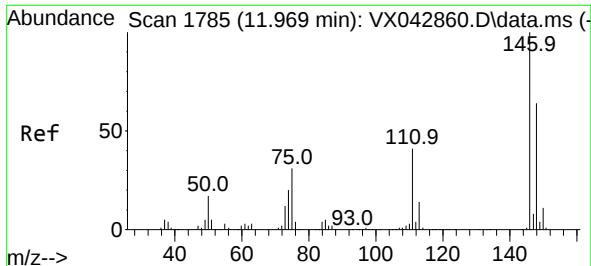
Tgt Ion:105 Resp: 187191  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 0.0 40.0



#82  
 p-Isopropyltoluene  
 Concen: 19.598 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

Tgt Ion:119 Resp: 150705  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 0.0 51.8  
 91 23.7 0.0 48.4





#83

1,3-Dichlorobenzene

Concen: 19.581 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0813WBS01

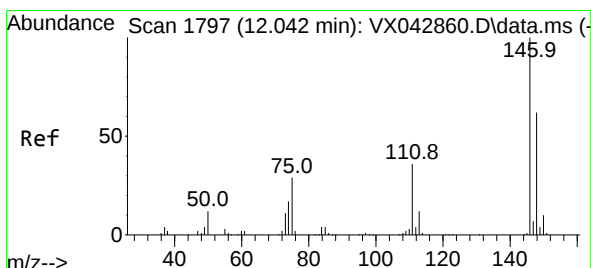
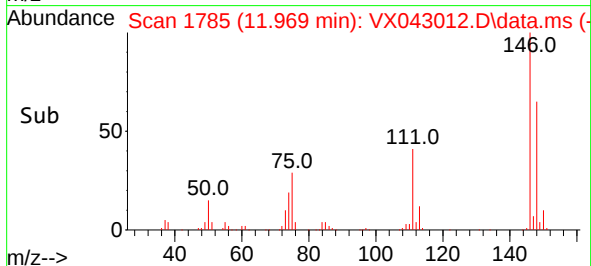
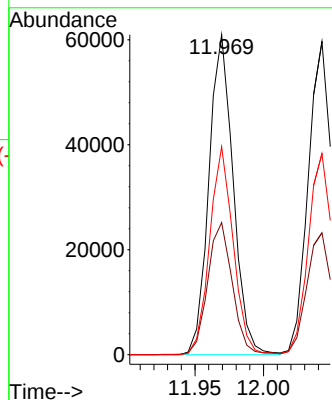
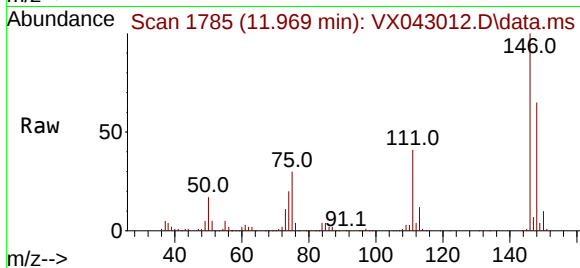
Tgt Ion:146 Resp: 75045

Ion Ratio Lower Upper

146 100

111 41.3 20.3 61.0

148 63.0 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 19.421 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

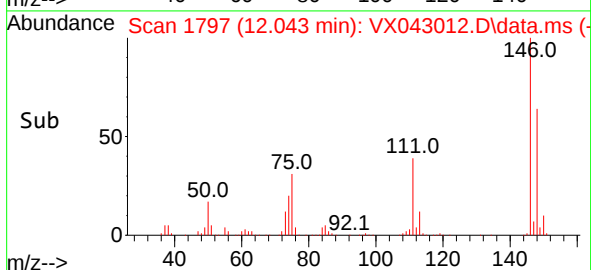
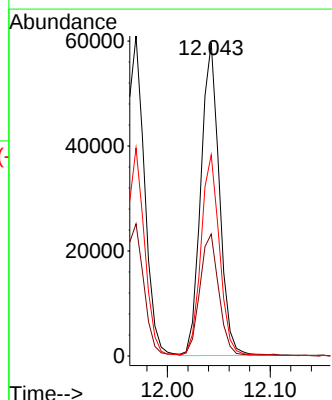
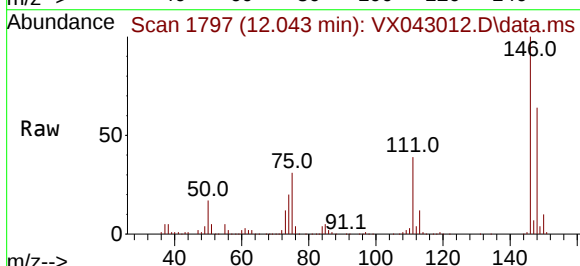
Tgt Ion:146 Resp: 74533

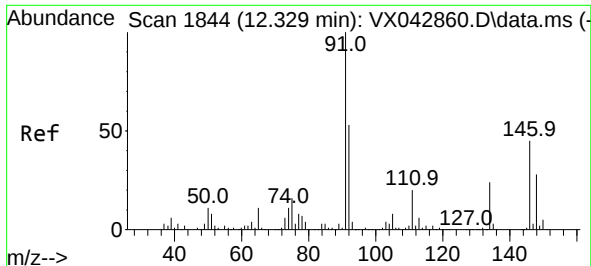
Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.4

148 65.0 31.4 94.2

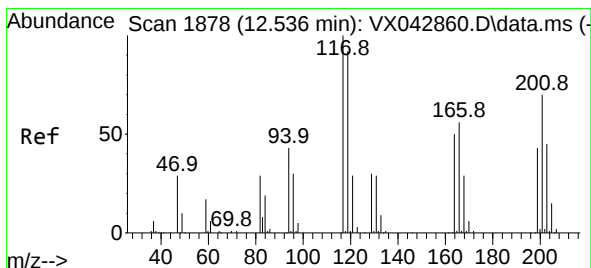
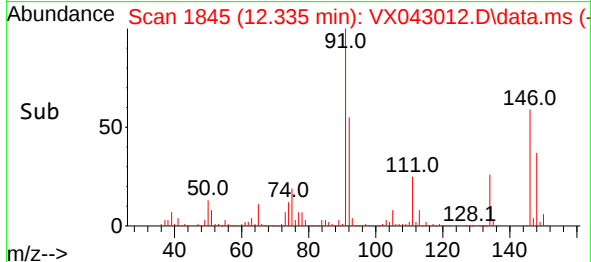
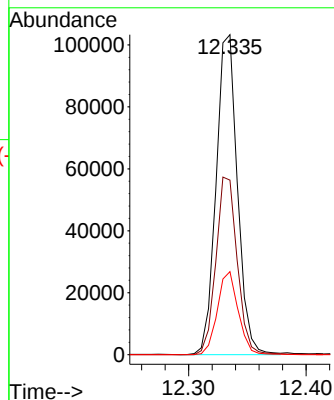
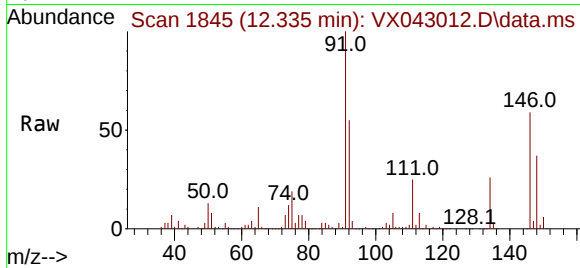




#85  
n-Butylbenzene  
Concen: 19.107 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

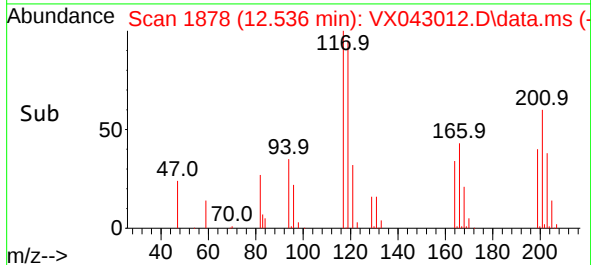
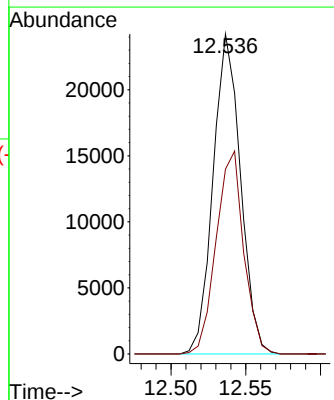
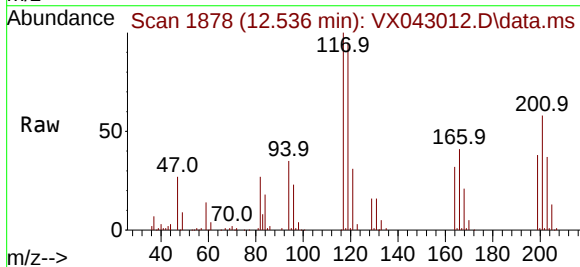
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0813WBS01

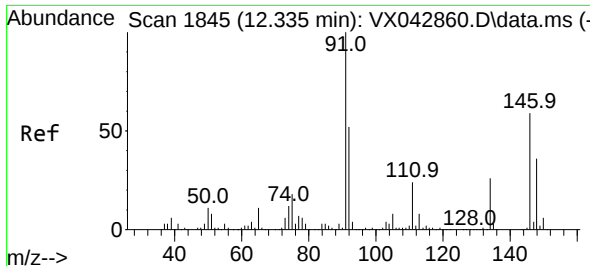
Tgt Ion: 91 Resp: 130820  
Ion Ratio Lower Upper  
91 100  
92 55.4 0.0 106.4  
134 25.3 0.0 50.6



#86  
Hexachloroethane  
Concen: 19.193 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX043012.D  
Acq: 13 Aug 2024 14:05

Tgt Ion: 117 Resp: 30871  
Ion Ratio Lower Upper  
117 100  
201 63.7 37.5 112.7

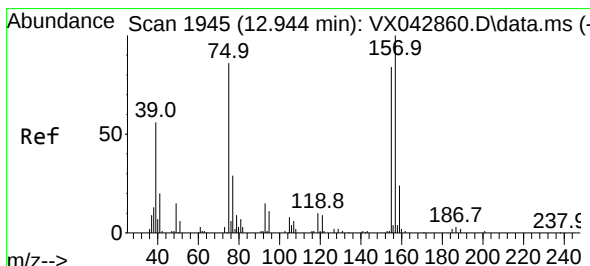
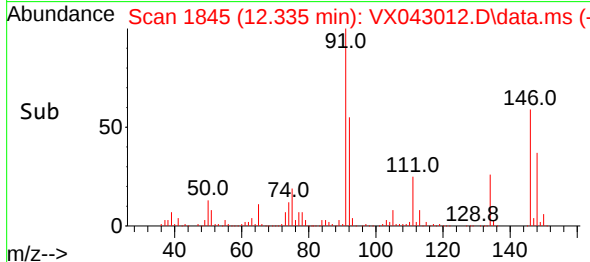
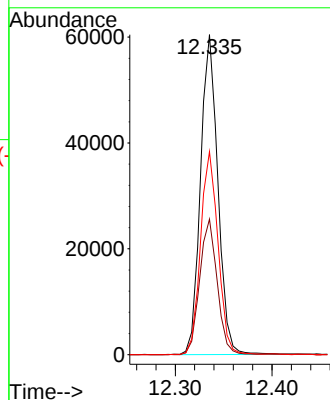
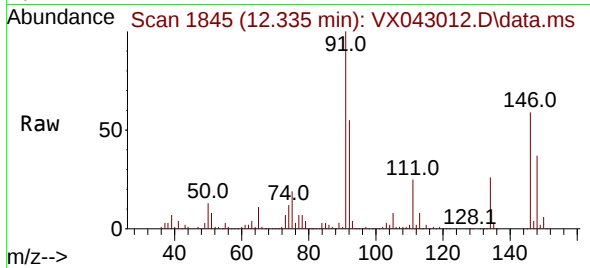




#87  
 1,2-Dichlorobenzene  
 Concen: 19.807 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

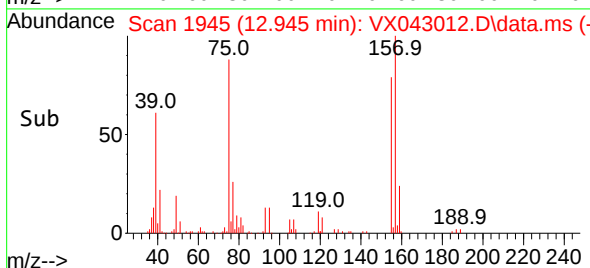
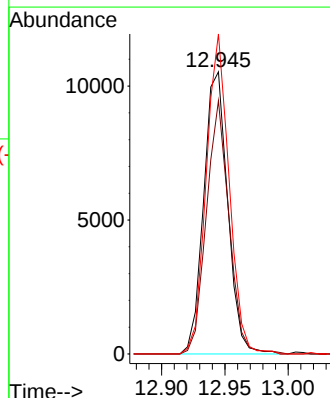
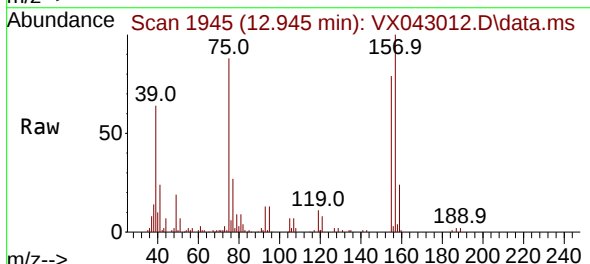
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0813WBS01

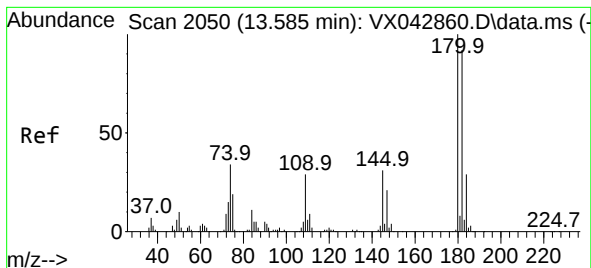
Tgt Ion:146 Resp: 75493  
 Ion Ratio Lower Upper  
 146 100  
 111 42.8 21.0 63.0  
 148 63.7 30.8 92.4



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.867 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.006 min  
 Lab File: VX043012.D  
 Acq: 13 Aug 2024 14:05

Tgt Ion: 75 Resp: 13935  
 Ion Ratio Lower Upper  
 75 100  
 155 84.6 68.7 103.1  
 157 107.7 86.7 130.1





#89

1,2,4-Trichlorobenzene

Concen: 18.758 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0813WBS01

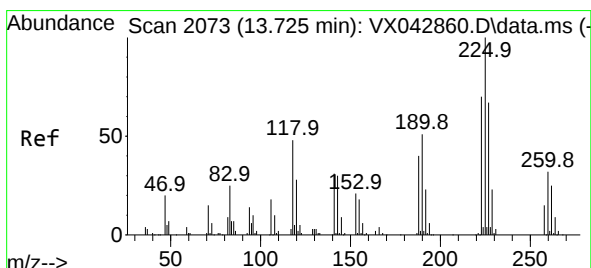
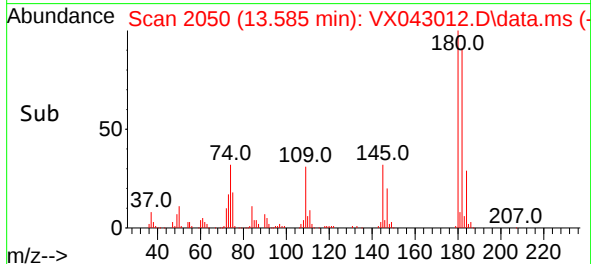
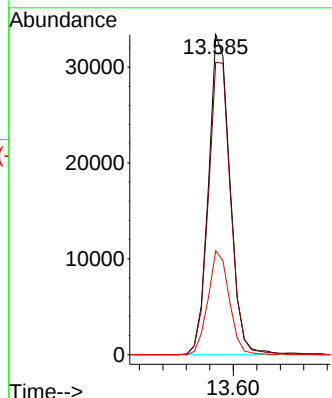
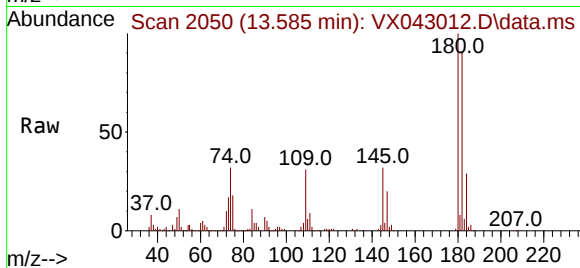
Tgt Ion:180 Resp: 42307

Ion Ratio Lower Upper

180 100

182 95.1 73.1 109.7

145 32.1 24.6 37.0



#90

Hexachlorobutadiene

Concen: 19.534 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

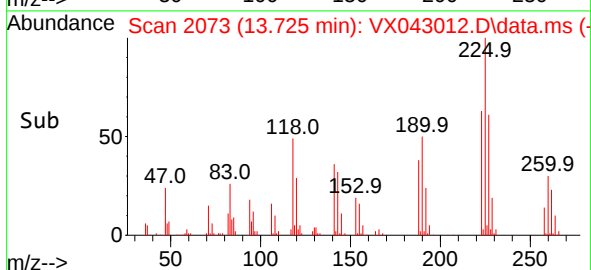
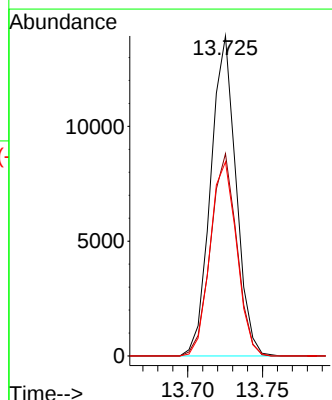
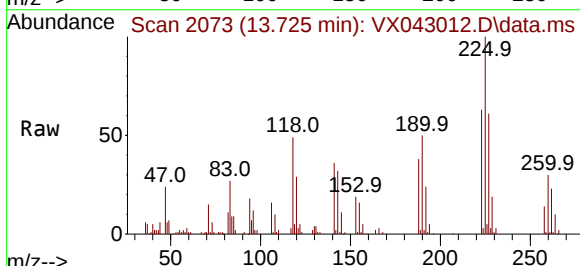
Tgt Ion:225 Resp: 16422

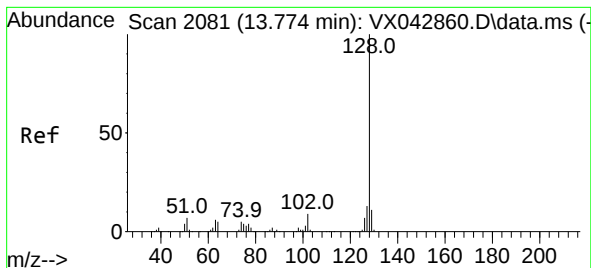
Ion Ratio Lower Upper

225 100

223 65.2 0.0 135.0

227 63.6 0.0 130.4





#91

Naphthalene

Concen: 19.506 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0813WBS01

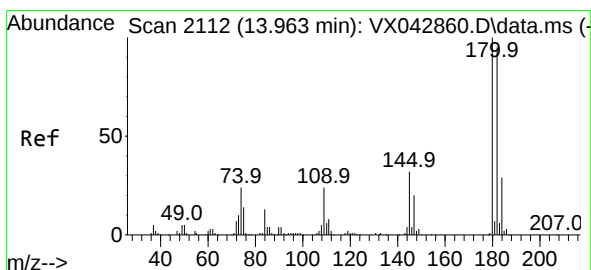
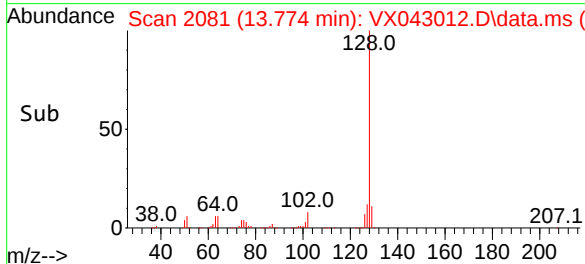
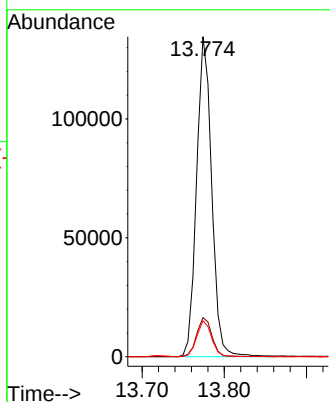
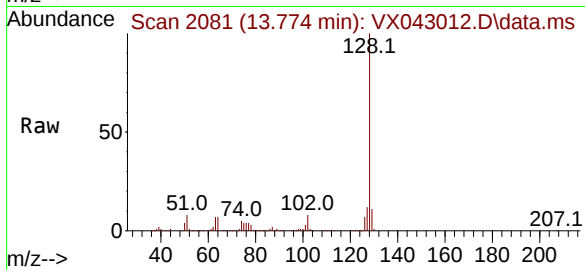
Tgt Ion:128 Resp: 171918

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 11.0 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 19.656 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX043012.D

Acq: 13 Aug 2024 14:05

Tgt Ion:180 Resp: 45222

Ion Ratio Lower Upper

180 100

182 91.4 0.0 185.8

145 33.3 0.0 65.2

