

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022825\  
 Data File : VX045072.D  
 Acq On : 28 Feb 2025 03:23  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Quant Time: Feb 28 05:35:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 05:28:02 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 101178   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 181031   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 151175   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 69086    | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 158452   | 106.011  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 212.020%# |          |
| 35) Dibromofluoromethane     | 5.385  | 113   | 123185   | 104.110  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 208.220%# |          |
| 50) Toluene-d8               | 8.647  | 98    | 441188   | 99.595   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 199.200%# |          |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 148476   | 100.365  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | = 200.720%# |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 126718   | 90.869   | ug/l        | 95       |
| 3) Chloromethane             | 1.306  | 50    | 145825   | 85.936   | ug/l        | 98       |
| 4) Vinyl Chloride            | 1.373  | 62    | 154734   | 93.360   | ug/l        | 96       |
| 5) Bromomethane              | 1.593  | 94    | 57503    | 110.980  | ug/l        | 97       |
| 6) Chloroethane              | 1.660  | 64    | 60155    | 95.351   | ug/l        | 97       |
| 7) Trichlorofluoromethane    | 1.861  | 101   | 198701   | 93.594   | ug/l        | 99       |
| 8) Diethyl Ether             | 2.135  | 74    | 78263    | 101.441  | ug/l        | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.312  | 101   | 120518   | 95.064   | ug/l        | 98       |
| 10) Methyl Iodide            | 2.440  | 142   | 153466   | 94.425   | ug/l        | 99       |
| 11) Tert butyl alcohol       | 3.001  | 59    | 135016   | 493.141  | ug/l        | 98       |
| 12) 1,1-Dichloroethene       | 2.306  | 96    | 125436   | 96.366   | ug/l        | 98       |
| 13) Acrolein                 | 2.239  | 56    | 180411   | 608.485  | ug/l        | 99       |
| 14) Allyl chloride           | 2.654  | 41    | 220783   | 94.344   | ug/l        | 98       |
| 15) Acrylonitrile            | 3.068  | 53    | 391946   | 526.749  | ug/l        | 100      |
| 16) Acetone                  | 2.392  | 43    | 348698   | 566.991  | ug/l        | 99       |
| 17) Carbon Disulfide         | 2.495  | 76    | 345572   | 97.574   | ug/l        | 98       |
| 18) Methyl Acetate           | 2.709  | 43    | 175784   | 94.899   | ug/l        | 98       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 431413   | 103.661  | ug/l        | 100      |
| 20) Methylene Chloride       | 2.782  | 84    | 140388   | 96.381   | ug/l        | 98       |
| 21) trans-1,2-Dichloroethene | 3.080  | 96    | 128232   | 100.164  | ug/l        | 98       |
| 22) Diisopropyl ether        | 3.763  | 45    | 467534   | 104.489  | ug/l        | 98       |
| 23) Vinyl Acetate            | 3.721  | 43    | 2035880  | 554.219  | ug/l        | 99       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 257023   | 102.805  | ug/l        | 100      |
| 25) 2-Butanone               | 4.562  | 43    | 559182   | 563.952  | ug/l        | 99       |
| 26) 2,2-Dichloropropane      | 4.470  | 77    | 124805   | 67.148   | ug/l        | 100      |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 155193   | 100.568  | ug/l        | 99       |
| 28) Bromochloromethane       | 4.897  | 49    | 113848   | 94.428   | ug/l        | 98       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 365565   | 556.465  | ug/l        | 100      |
| 30) Chloroform               | 5.092  | 83    | 248978   | 101.814  | ug/l        | 97       |
| 31) Cyclohexane              | 5.464  | 56    | 231082   | 100.711  | ug/l        | 97       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 211302   | 102.638  | ug/l        | 99       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 172295   | 101.258  | ug/l        | 99       |
| 37) Ethyl Acetate            | 4.720  | 43    | 220327   | 113.796  | ug/l        | 99       |
| 38) Carbon Tetrachloride     | 5.671  | 117   | 177219   | 105.940  | ug/l        | 97       |
| 39) Methylcyclohexane        | 7.372  | 83    | 219856   | 101.175  | ug/l        | 99       |
| 40) Benzene                  | 6.031  | 78    | 541974   | 101.908  | ug/l        | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022825\  
 Data File : VX045072.D  
 Acq On : 28 Feb 2025 03:23  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Quant Time: Feb 28 05:35:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 05:28:02 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 120186   | 116.205  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 189857   | 110.158  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 338414   | 109.806  | ug/l   | 99       |
| 44) Trichloroethene           | 7.122  | 130  | 128124   | 105.402  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 135997   | 102.898  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 97248    | 105.329  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.817  | 83   | 191016   | 106.947  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.695  | 41   | 165825   | 113.344  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 66308    | 2132.314 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 1048140  | 555.050  | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 316349   | 100.178  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 177352   | 100.462  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 200943   | 101.815  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.146  | 97   | 123426   | 100.920  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 208782   | 106.744  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 216267   | 101.387  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 494551   | 514.987  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 779492   | 572.233  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.518  | 129  | 139245   | 106.719  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 128617   | 104.259  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.268  | 164  | 99386    | 103.491  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 332473   | 102.456  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.158 | 131  | 112451   | 107.511  | ug/l   | 96       |
| 67) Ethyl Benzene             | 10.189 | 91   | 596257   | 103.905  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 432214   | 204.507  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 213835   | 100.849  | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 357649   | 104.948  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 90800    | 116.751  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 553533   | 99.138   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 287104   | 113.277  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 192217   | 99.923   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 203020   | 131.738  | ug/l   | 86       |
| 77) Bromobenzene              | 11.195 | 156  | 125700   | 99.175   | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 648835   | 100.758  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.359 | 91   | 382703   | 96.825   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 445466   | 98.356   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 51975    | 91.460   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 433881   | 99.168   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 454859   | 99.288   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 450108   | 100.926  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 570006   | 100.517  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 465512   | 102.252  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 231440   | 99.903   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 230663   | 98.355   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 428209   | 107.000  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 87448    | 102.980  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 233125   | 102.254  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.938 | 75   | 41402    | 116.296  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 148368   | 107.648  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 56065    | 102.019  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 565250   | 112.593  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 152970   | 109.554  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022825\  
Data File : VX045072.D  
Acq On : 28 Feb 2025 03:23  
Operator : JC/MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 21 Sample Multiplier: 1

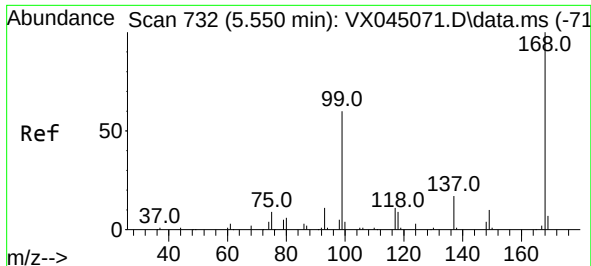
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

Quant Time: Feb 28 05:35:19 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 05:28:02 2025  
Response via : Initial Calibration

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

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

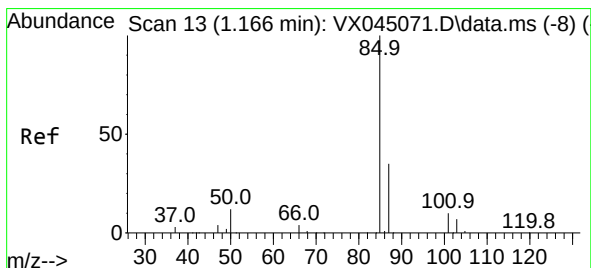
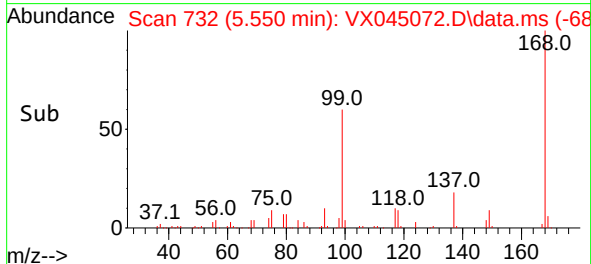
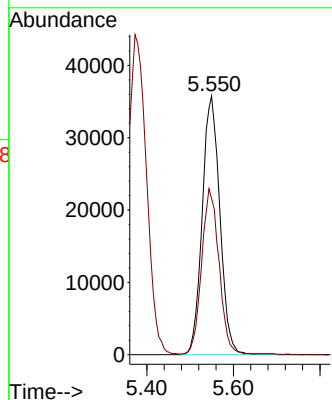
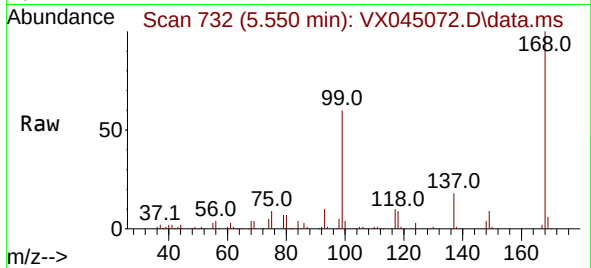




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

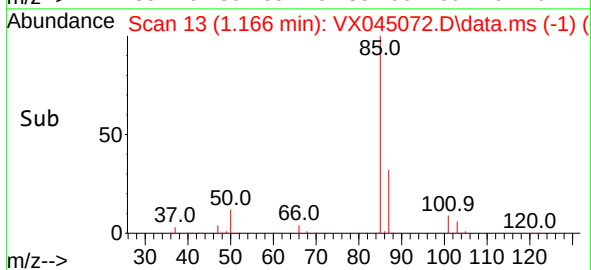
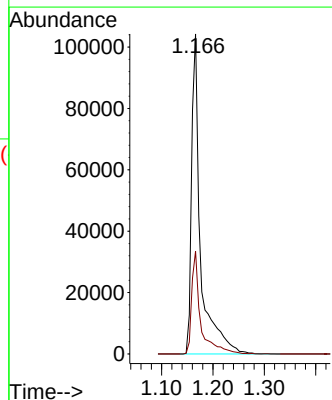
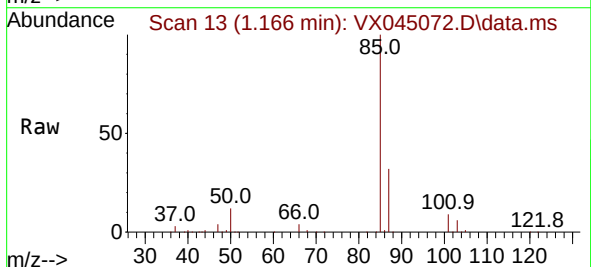
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

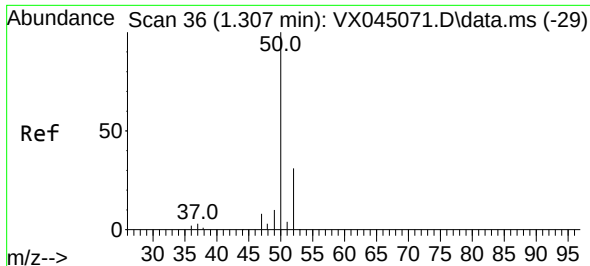
Tgt Ion:168 Resp: 101178  
Ion Ratio Lower Upper  
168 100  
99 60.2 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 90.869 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 85 Resp: 126718  
Ion Ratio Lower Upper  
85 100  
87 32.1 17.4 52.3

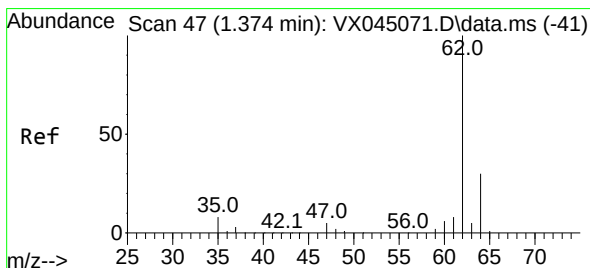
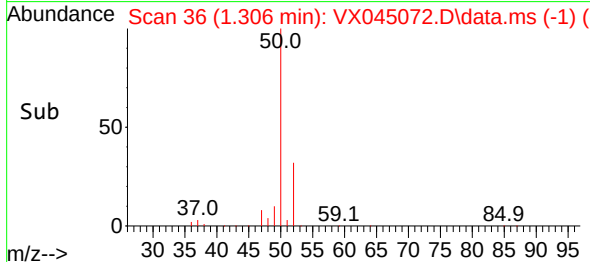
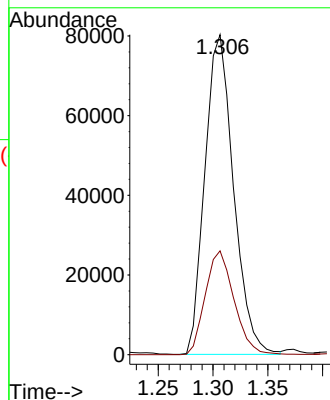
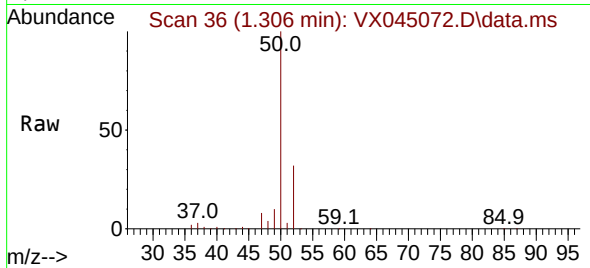




#3  
Chloromethane  
Concen: 85.936 ug/l  
RT: 1.306 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

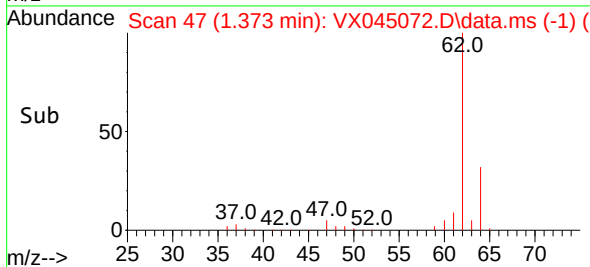
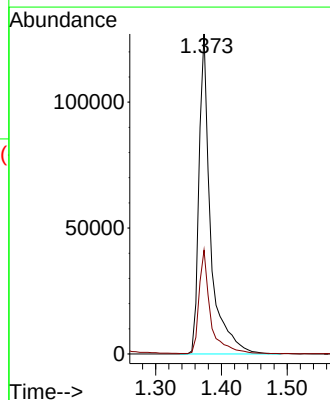
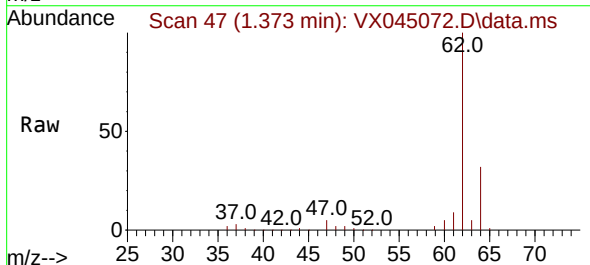
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

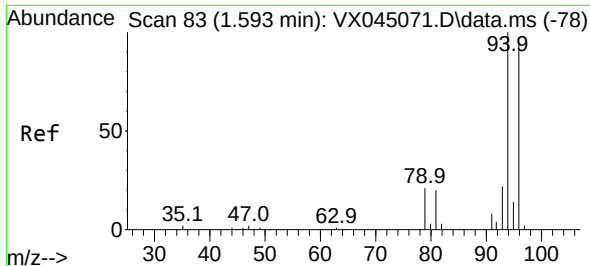
Tgt Ion: 50 Resp: 145825  
Ion Ratio Lower Upper  
50 100  
52 32.5 25.0 37.4



#4  
Vinyl Chloride  
Concen: 93.360 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 62 Resp: 154734  
Ion Ratio Lower Upper  
62 100  
64 32.4 24.3 36.5

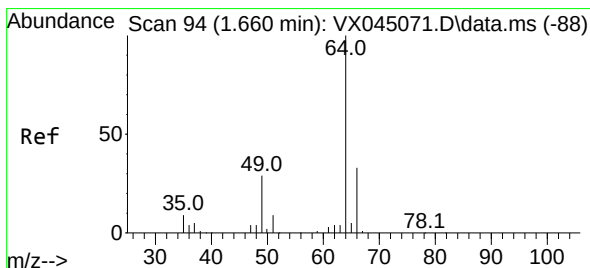
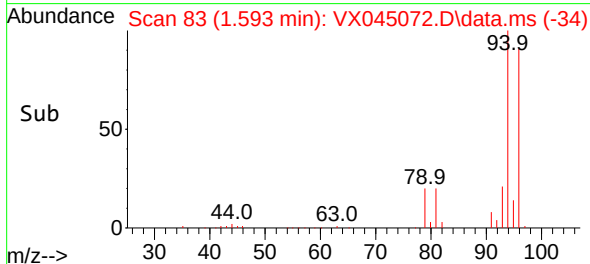
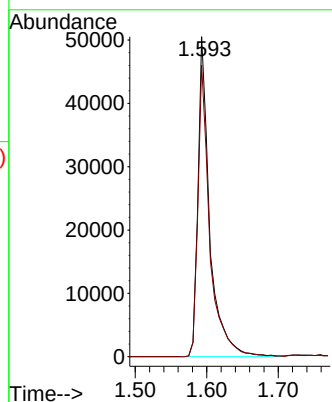
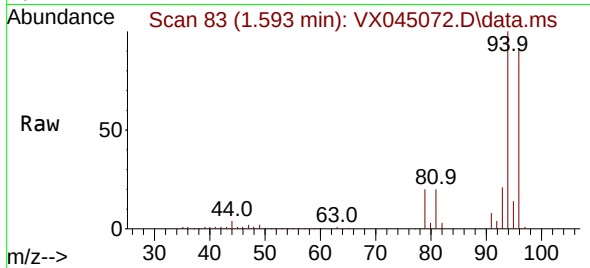




#5  
Bromomethane  
Concen: 110.980 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

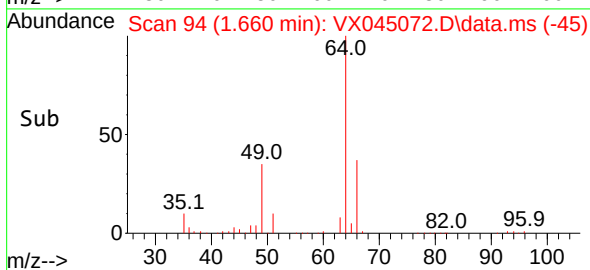
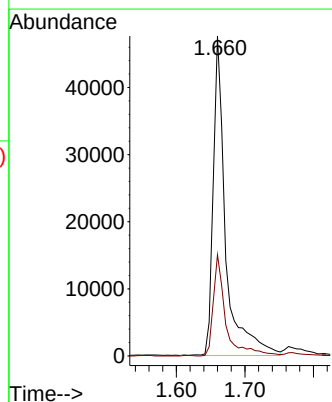
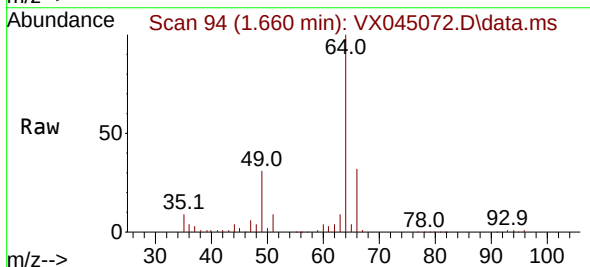
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

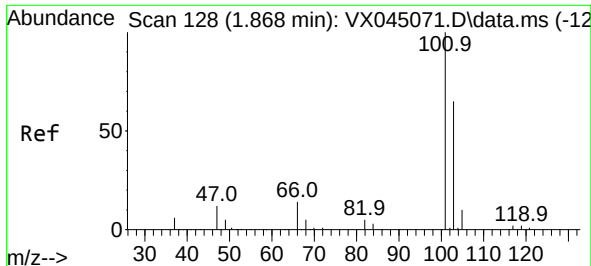
Tgt Ion: 94 Resp: 57503  
Ion Ratio Lower Upper  
94 100  
96 91.2 75.0 112.4



#6  
Chloroethane  
Concen: 95.351 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 64 Resp: 60155  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.7 40.1

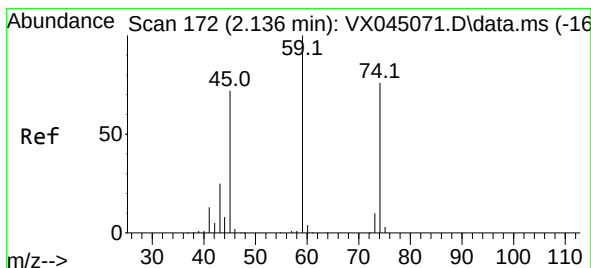
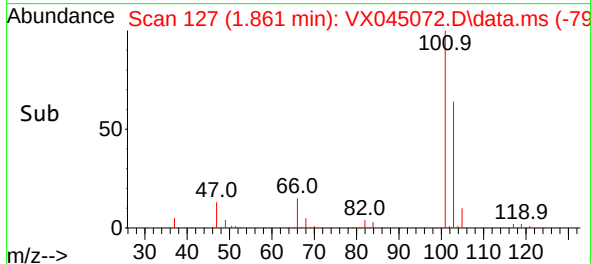
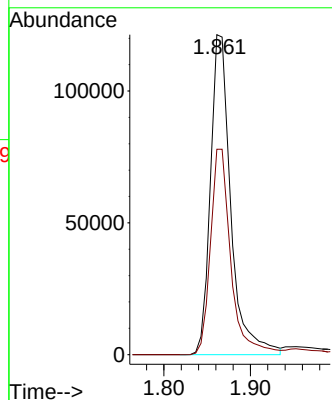
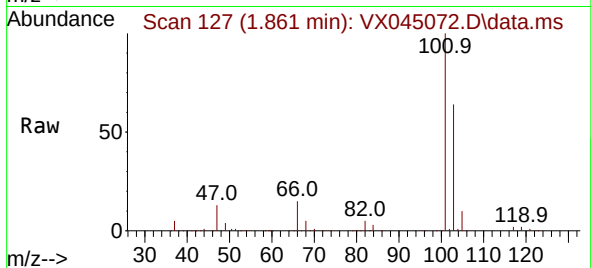




#7  
Trichlorofluoromethane  
Concen: 93.594 ug/l  
RT: 1.861 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

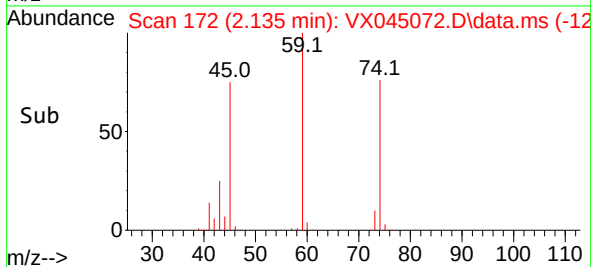
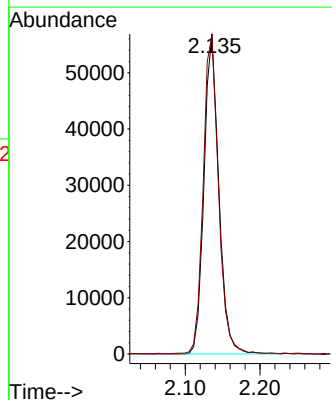
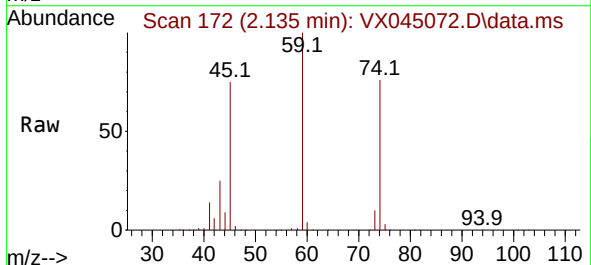
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

Tgt Ion:101 Resp: 198701  
Ion Ratio Lower Upper  
101 100  
103 64.2 52.1 78.1

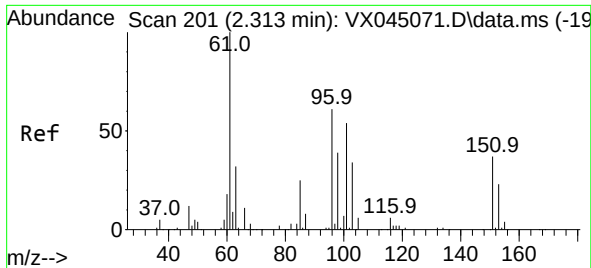


#8  
Diethyl Ether  
Concen: 101.441 ug/l  
RT: 2.135 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 74 Resp: 78263  
Ion Ratio Lower Upper  
74 100  
45 102.7 51.5 154.5



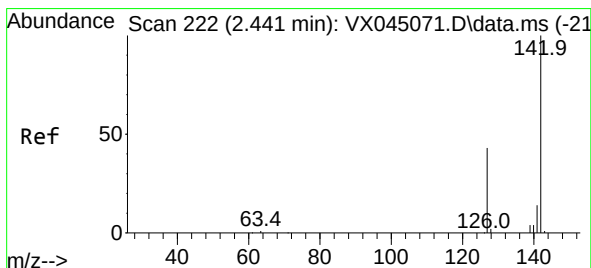
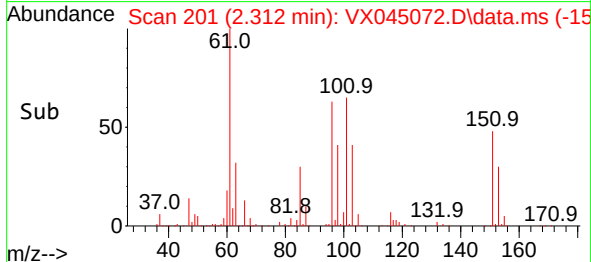
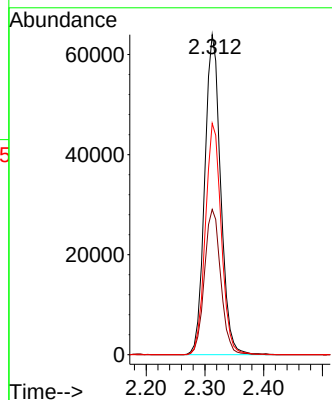
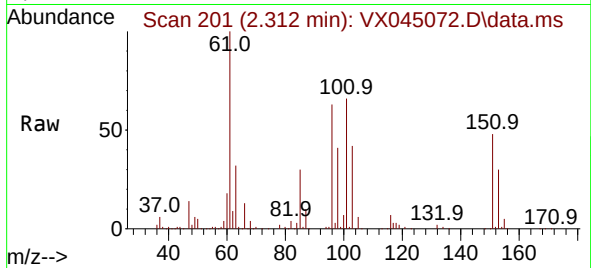




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 95.064 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

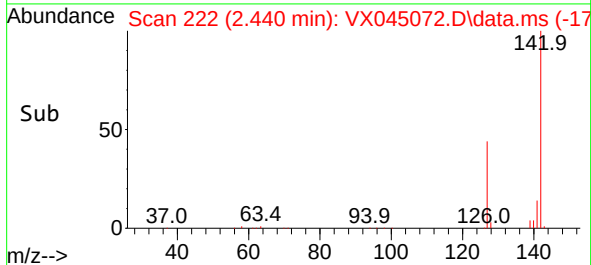
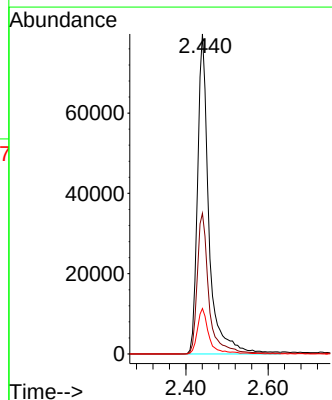
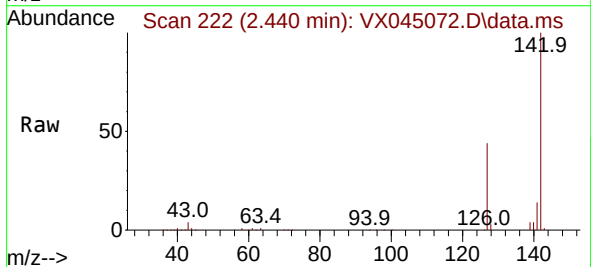
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

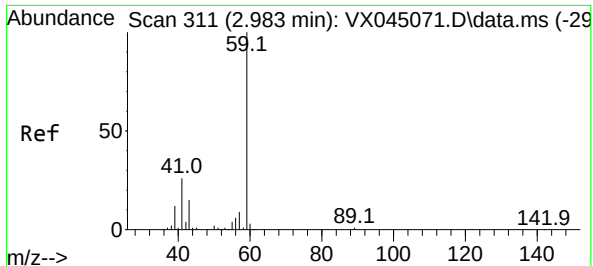
Tgt Ion:101 Resp: 120518  
Ion Ratio Lower Upper  
101 100  
85 46.5 36.2 54.4  
151 72.4 56.4 84.6



#10  
Methyl Iodide  
Concen: 94.425 ug/l  
RT: 2.440 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion:142 Resp: 153466  
Ion Ratio Lower Upper  
142 100  
127 45.0 35.4 53.2  
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 493.141 ug/l

RT: 3.001 min Scan# 311

Delta R.T. 0.018 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

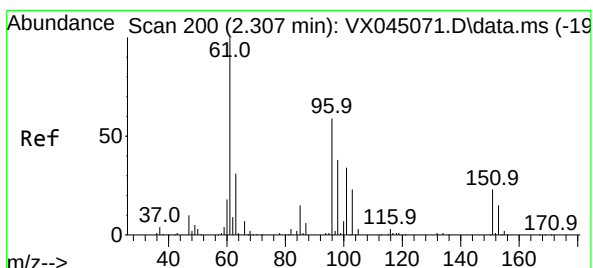
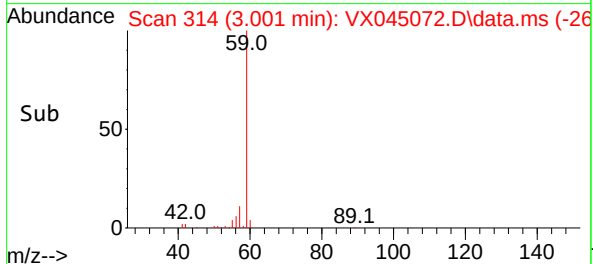
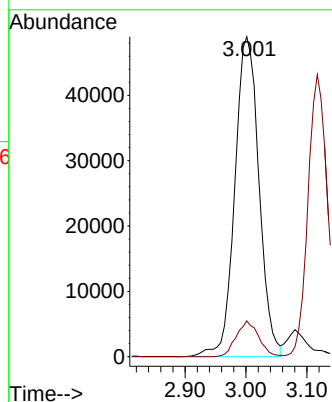
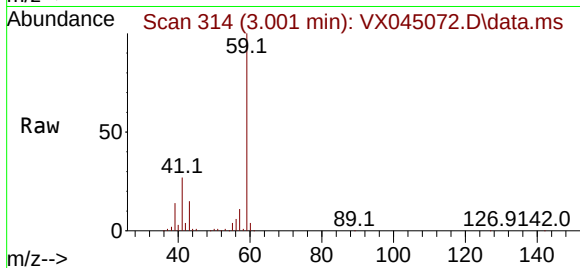
VSTDIC100

Tgt Ion: 59 Resp: 135016

Ion Ratio Lower Upper

59 100

57 10.4 7.8 11.8



#12

1,1-Dichloroethene

Concen: 96.366 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

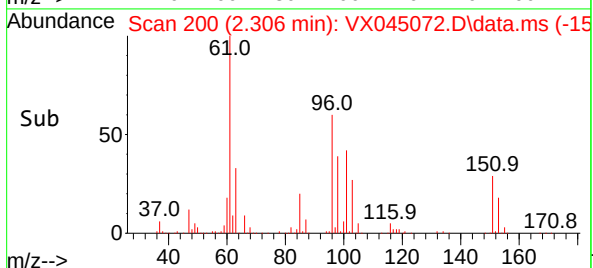
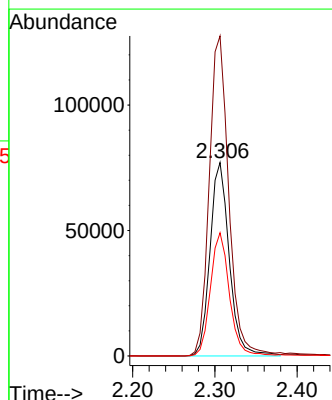
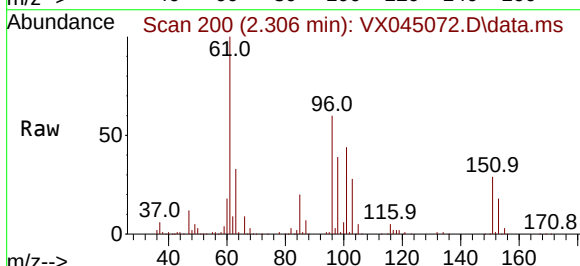
Tgt Ion: 96 Resp: 125436

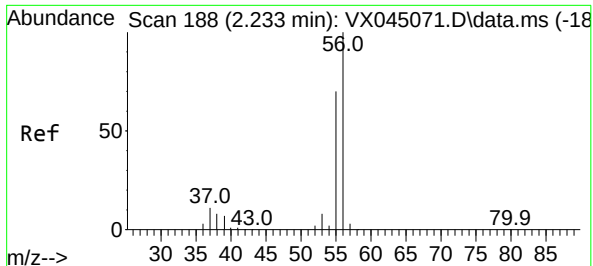
Ion Ratio Lower Upper

96 100

61 165.4 134.6 202.0

98 63.7 51.0 76.6

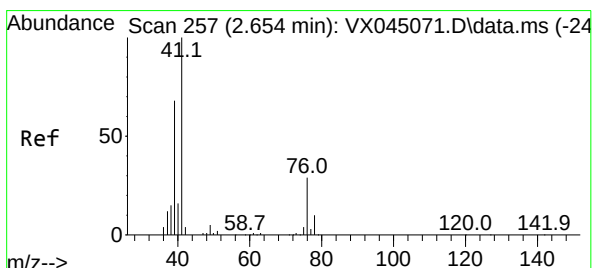
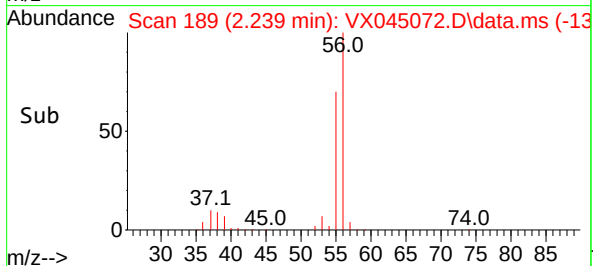
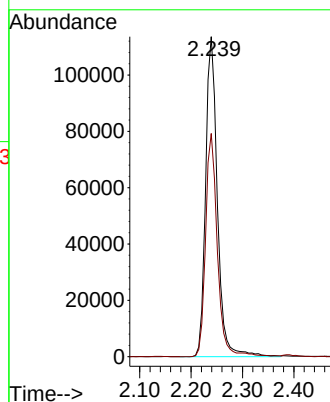
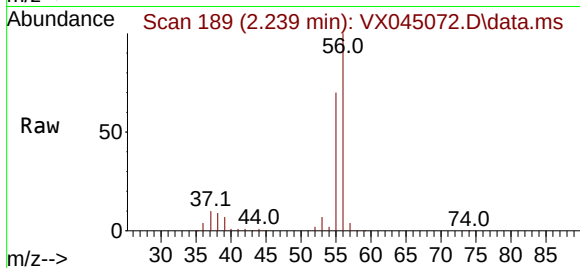




#13  
Acrolein  
Concen: 608.485 ug/l  
RT: 2.239 min Scan# 188  
Delta R.T. 0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

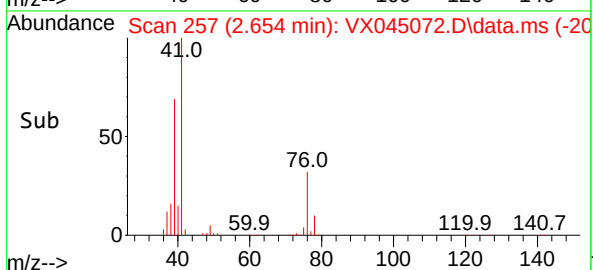
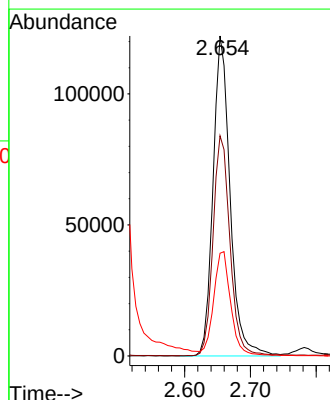
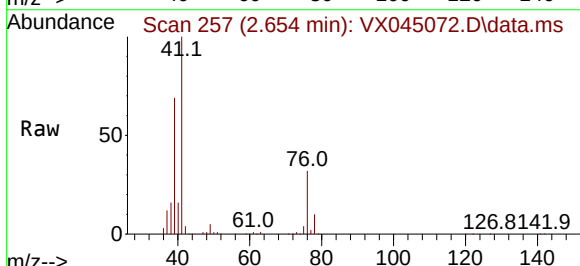
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

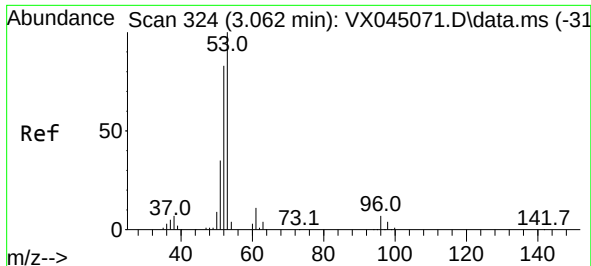
Tgt Ion: 56 Resp: 180411  
Ion Ratio Lower Upper  
56 100  
55 69.8 56.2 84.4



#14  
Allyl chloride  
Concen: 94.344 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 41 Resp: 220783  
Ion Ratio Lower Upper  
41 100  
39 68.4 53.8 80.8  
76 32.6 25.2 37.8

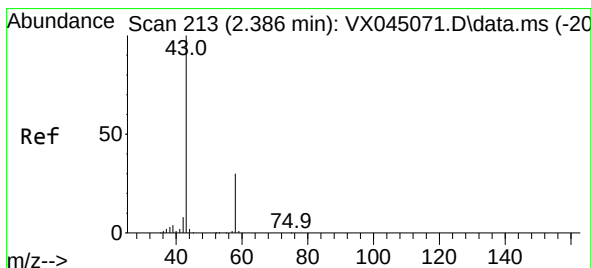
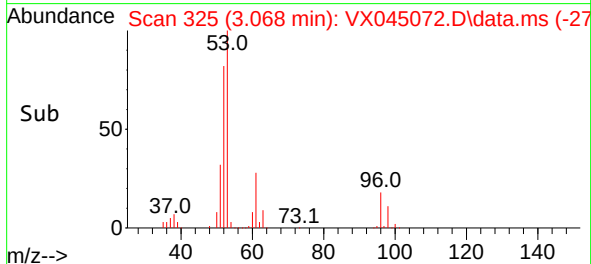
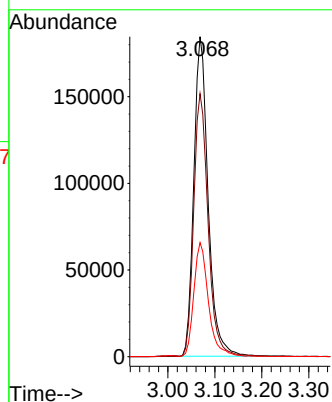
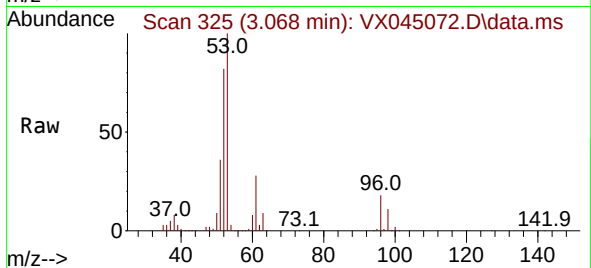




#15  
Acrylonitrile  
Concen: 526.749 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

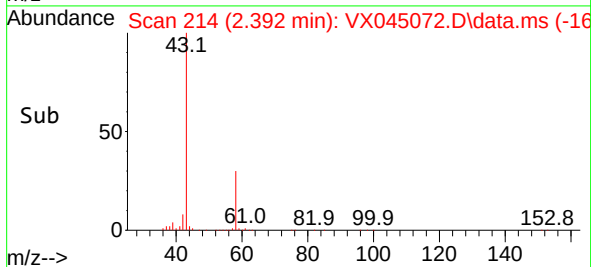
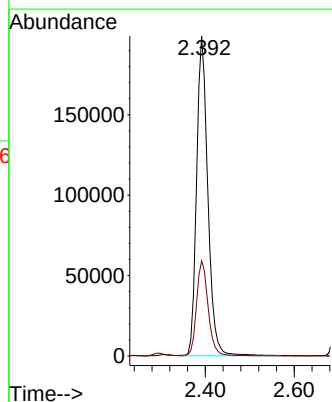
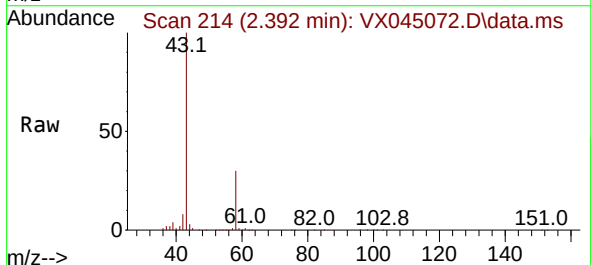
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

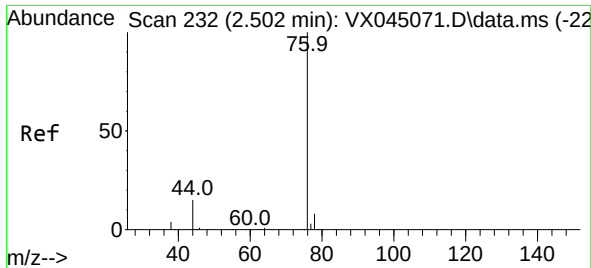
Tgt Ion: 53 Resp: 391946  
Ion Ratio Lower Upper  
53 100  
52 82.9 66.2 99.2  
51 36.6 29.0 43.4



#16  
Acetone  
Concen: 566.991 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 348698  
Ion Ratio Lower Upper  
43 100  
58 29.7 24.2 36.4





#17

Carbon Disulfide

Concen: 97.574 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

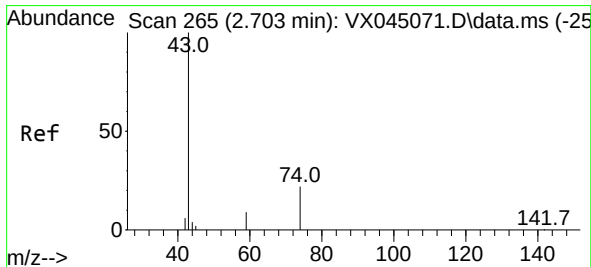
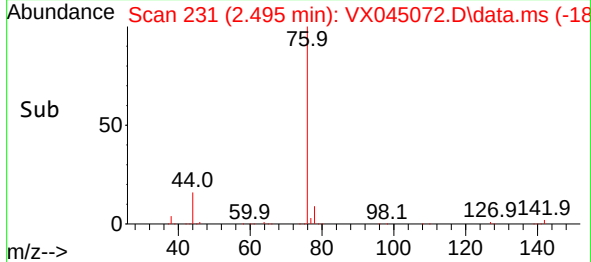
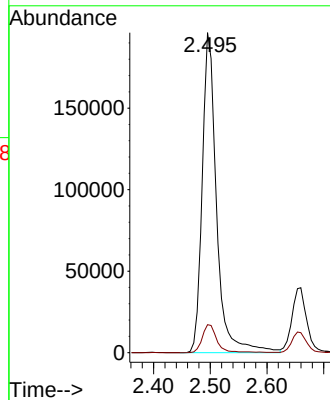
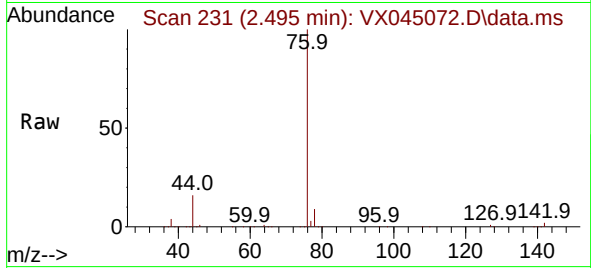
VSTDIC100

Tgt Ion: 76 Resp: 345572

Ion Ratio Lower Upper

76 100

78 8.7 6.6 9.8



#18

Methyl Acetate

Concen: 94.899 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX045072.D

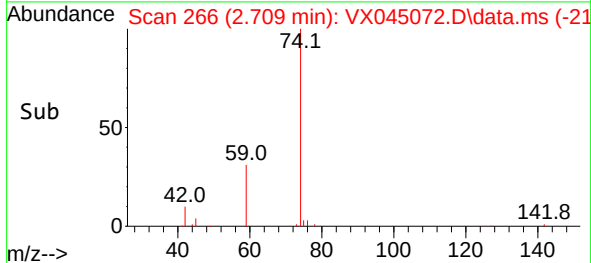
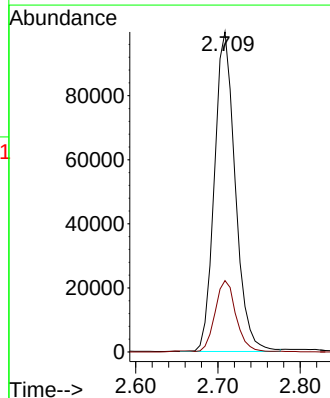
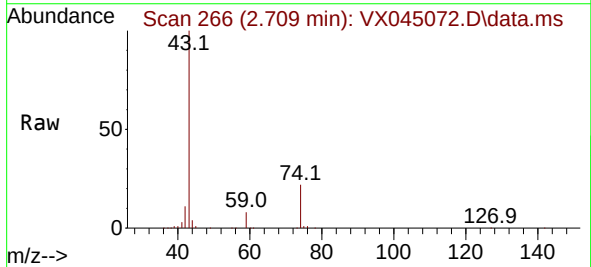
Acq: 28 Feb 2025 03:23

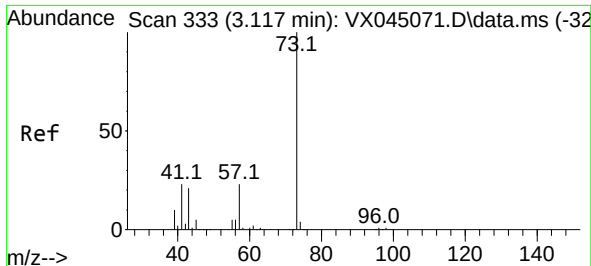
Tgt Ion: 43 Resp: 175784

Ion Ratio Lower Upper

43 100

74 22.7 17.4 26.2

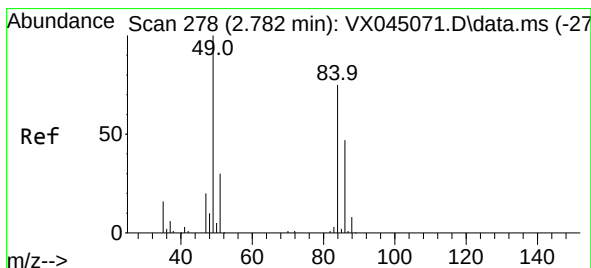
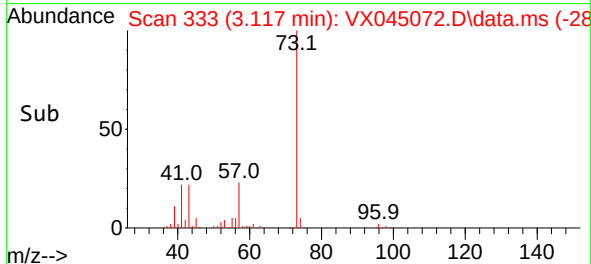
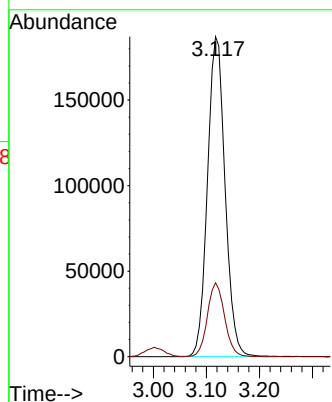
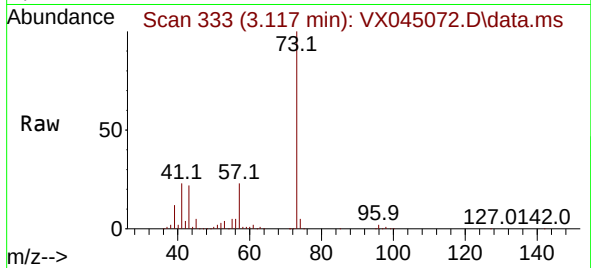




#19  
Methyl tert-butyl Ether  
Concen: 103.661 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

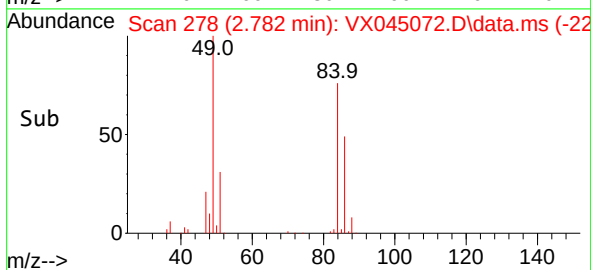
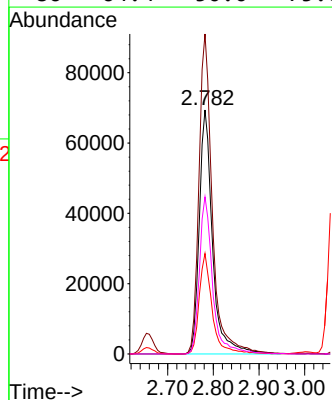
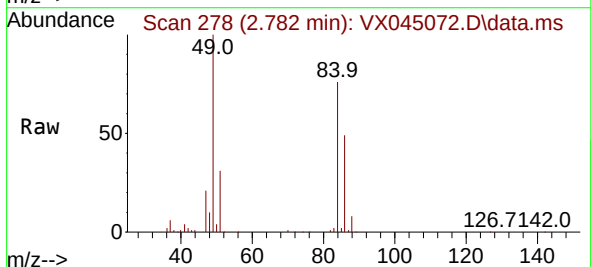
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

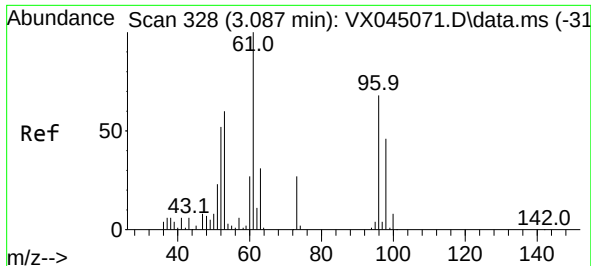
Tgt Ion: 73 Resp: 431413  
Ion Ratio Lower Upper  
73 100  
57 23.0 18.5 27.7



#20  
Methylene Chloride  
Concen: 96.381 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 84 Resp: 140388  
Ion Ratio Lower Upper  
84 100  
49 131.2 106.5 159.7  
51 41.2 32.1 48.1  
86 64.4 50.0 75.0

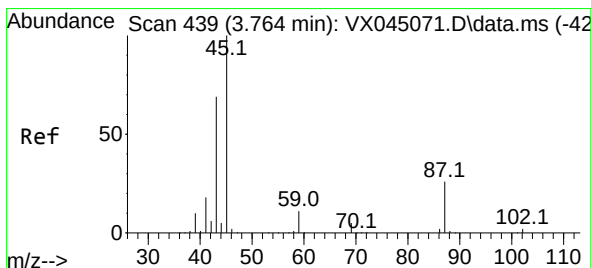
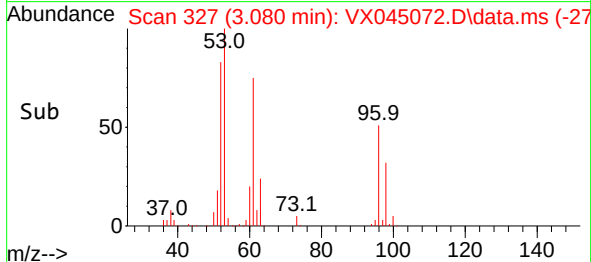
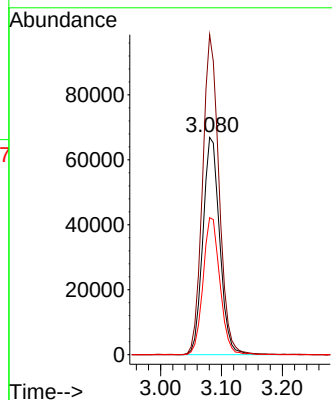
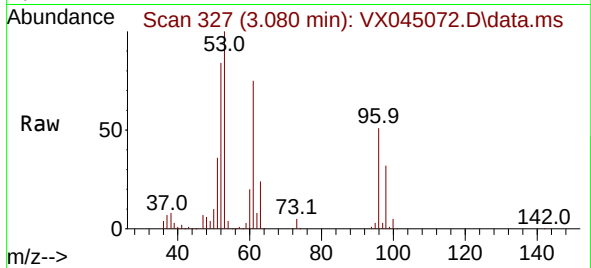




#21  
trans-1,2-Dichloroethene  
Concen: 100.164 ug/l  
RT: 3.080 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

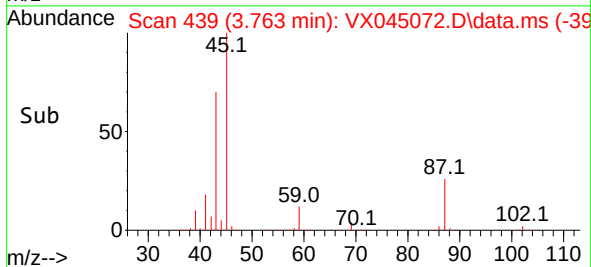
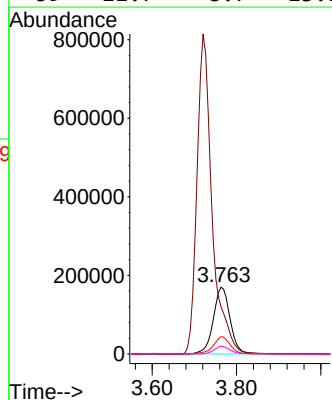
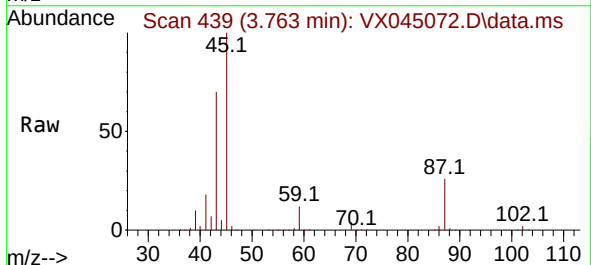
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

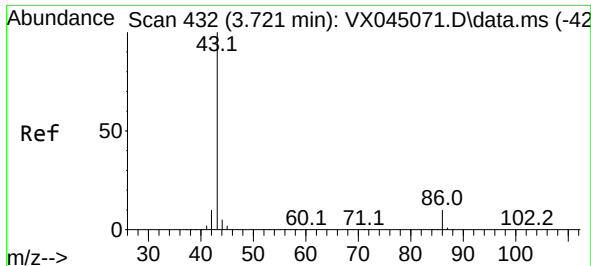
Tgt Ion: 96 Resp: 128232  
Ion Ratio Lower Upper  
96 100  
61 147.3 117.0 175.4  
98 63.0 53.4 80.2



#22  
Diisopropyl ether  
Concen: 104.489 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 45 Resp: 467534  
Ion Ratio Lower Upper  
45 100  
43 70.4 54.9 82.3  
87 26.0 21.0 31.4  
59 11.7 8.7 13.1

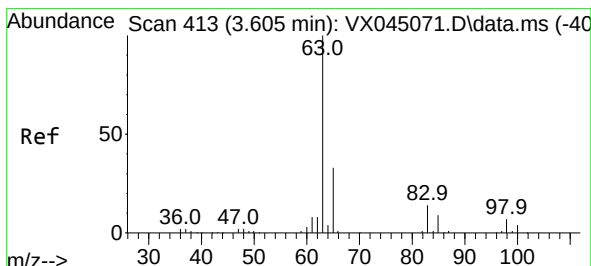
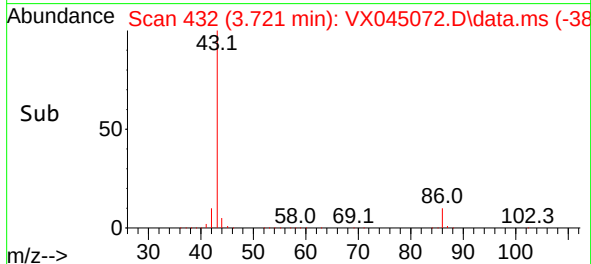
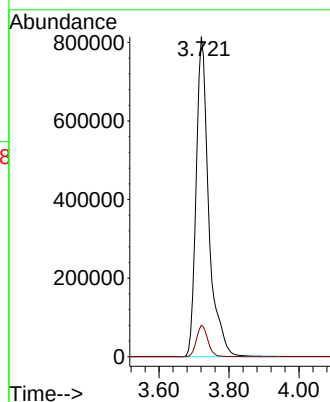
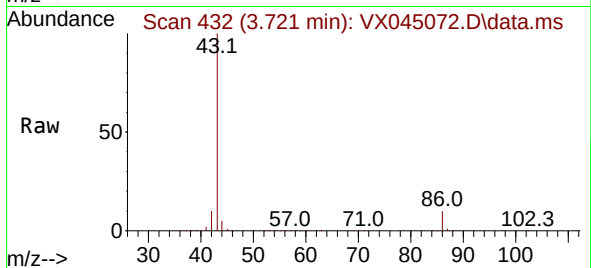




#23  
 Vinyl Acetate  
 Concen: 554.219 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

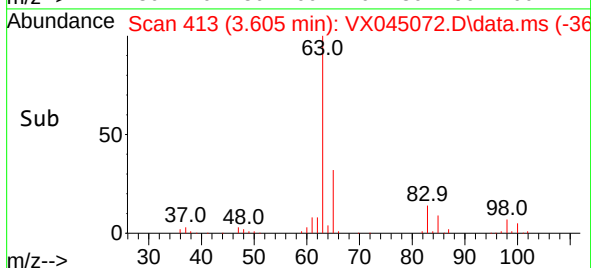
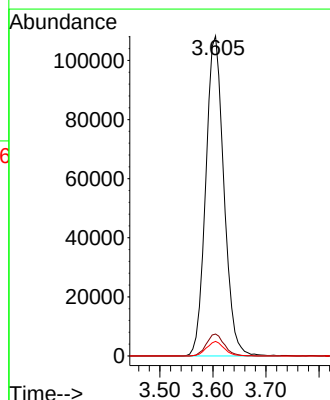
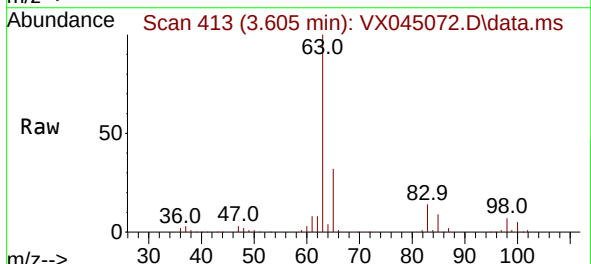
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 43 Resp: 2035880  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.1 12.1

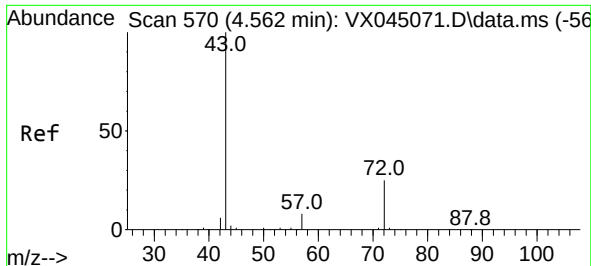


#24  
 1,1-Dichloroethane  
 Concen: 102.805 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

Tgt Ion: 63 Resp: 257023  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.4 10.2  
 100 4.6 2.1 6.5



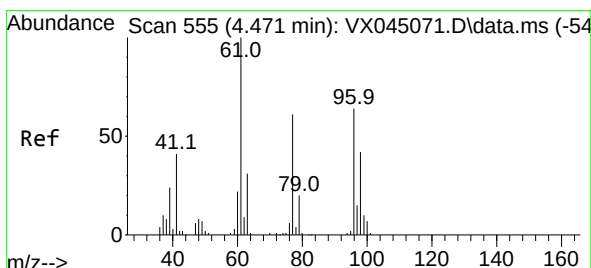
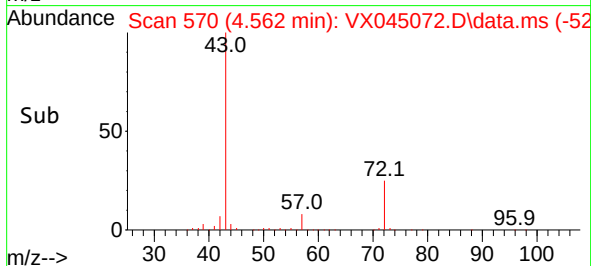
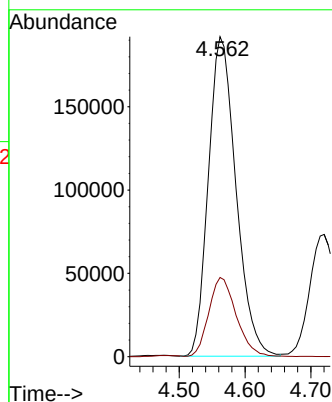
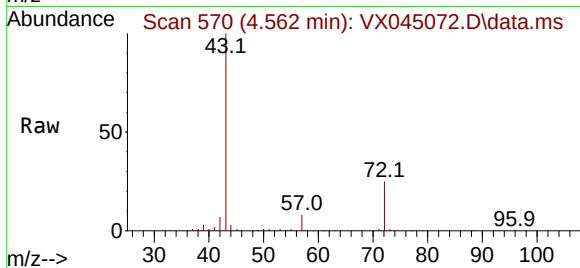




#25  
2-Butanone  
Concen: 563.952 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

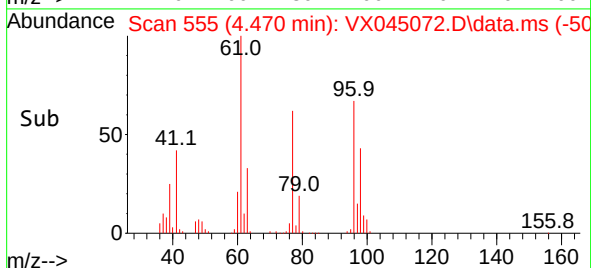
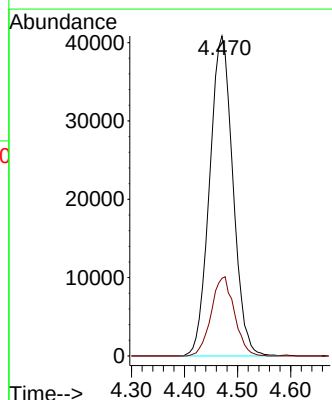
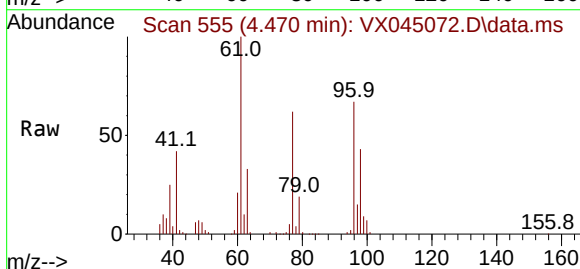
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

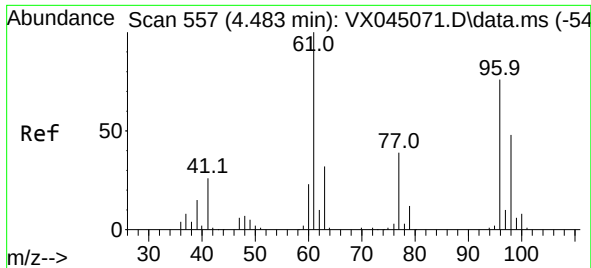
Tgt Ion: 43 Resp: 559182  
Ion Ratio Lower Upper  
43 100  
72 24.6 20.0 30.0



#26  
2,2-Dichloropropane  
Concen: 67.148 ug/l  
RT: 4.470 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 77 Resp: 124805  
Ion Ratio Lower Upper  
77 100  
97 24.6 12.4 37.0

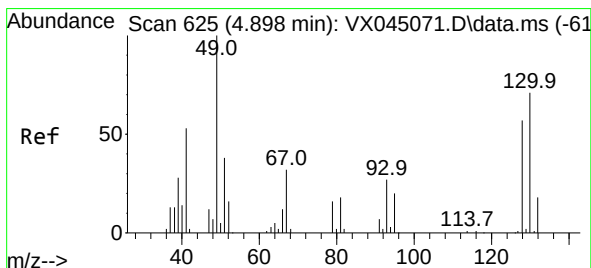
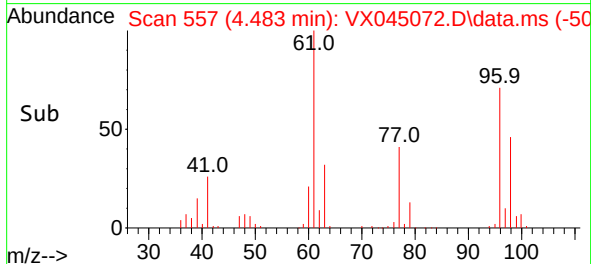
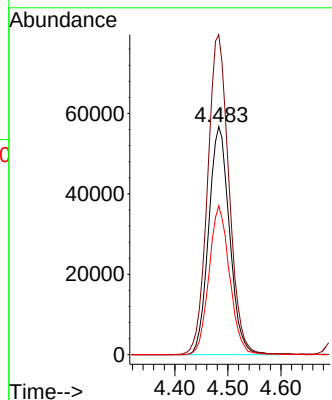
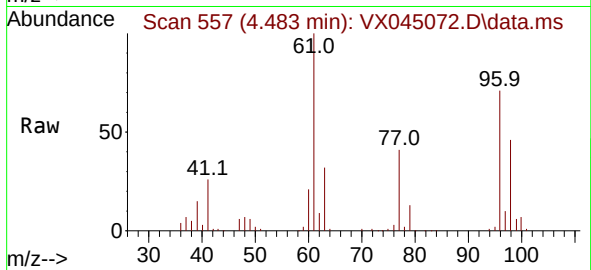




#27  
 cis-1,2-Dichloroethene  
 Concen: 100.568 ug/l  
 RT: 4.483 min Scan# 557  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

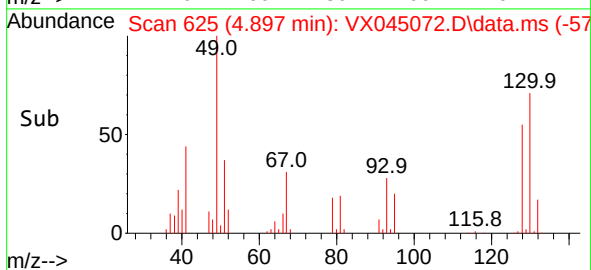
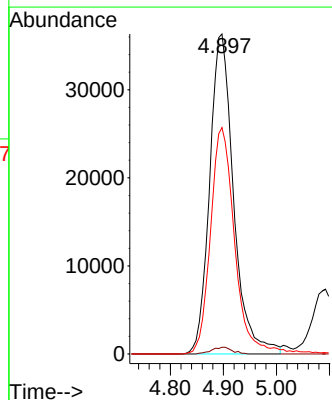
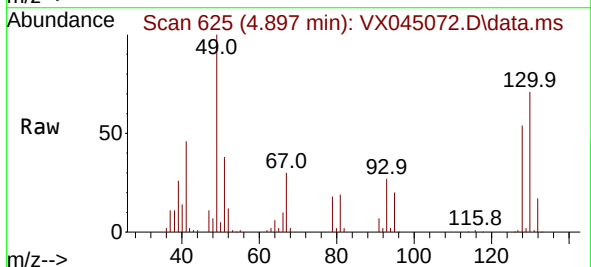
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

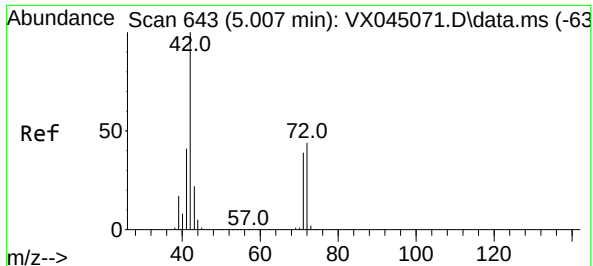
Tgt Ion: 96 Resp: 155193  
 Ion Ratio Lower Upper  
 96 100  
 61 143.8 0.0 283.2  
 98 64.3 0.0 128.0



#28  
 Bromochloromethane  
 Concen: 94.428 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

Tgt Ion: 49 Resp: 113848  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 3.4  
 130 72.2 56.1 84.1





#29

Tetrahydrofuran

Concen: 556.465 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

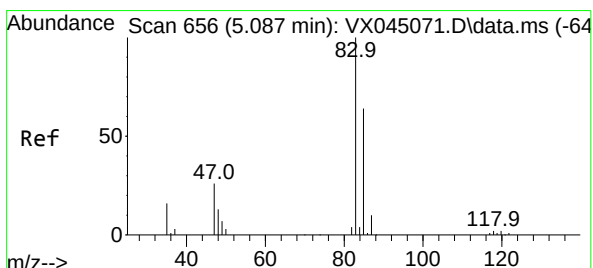
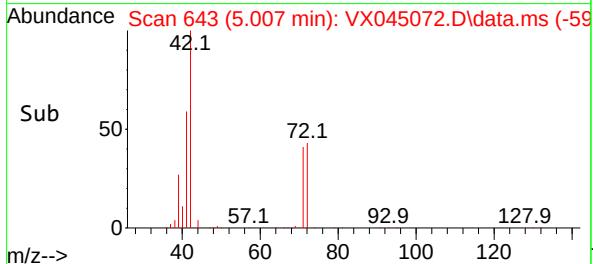
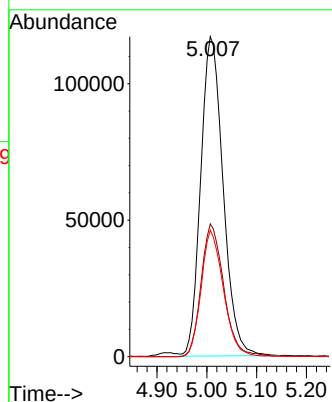
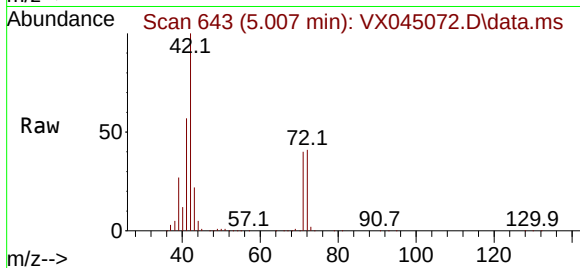
Tgt Ion: 42 Resp: 365565

Ion Ratio Lower Upper

42 100

72 42.1 34.1 51.1

71 39.2 31.4 47.0



#30

Chloroform

Concen: 101.814 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX045072.D

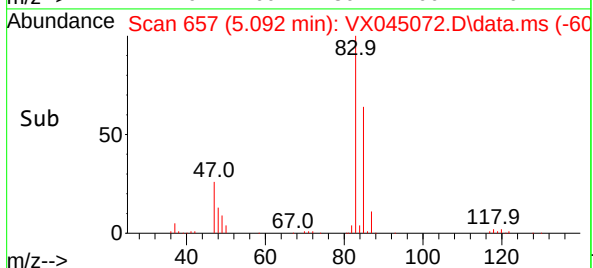
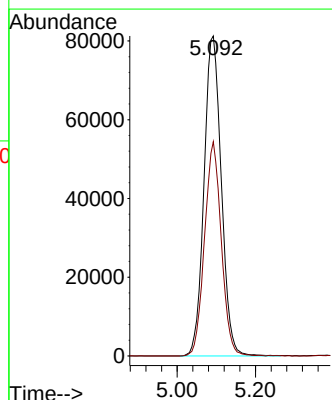
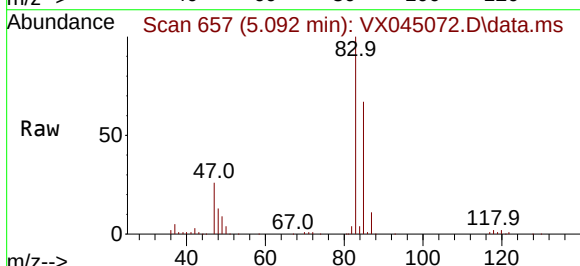
Acq: 28 Feb 2025 03:23

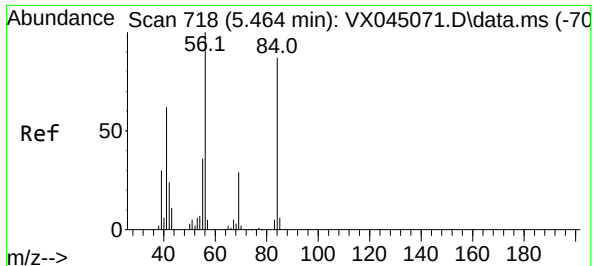
Tgt Ion: 83 Resp: 248978

Ion Ratio Lower Upper

83 100

85 66.9 51.4 77.2

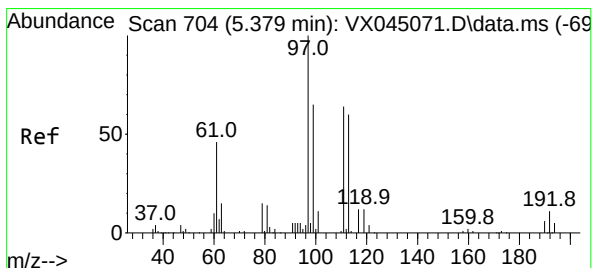
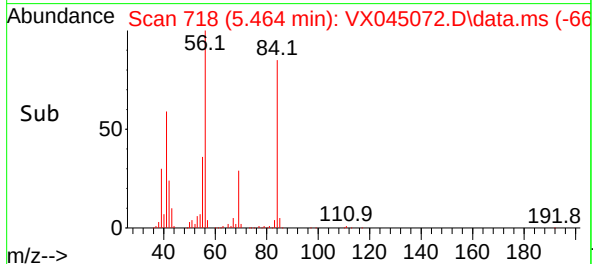
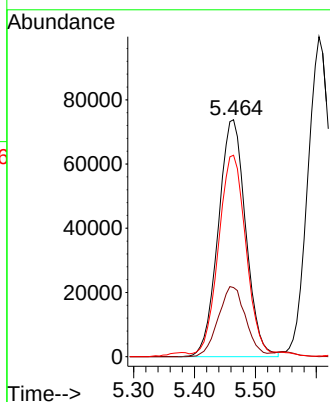
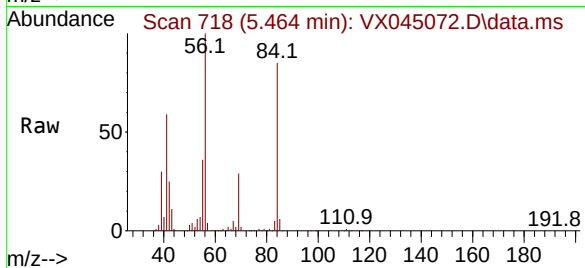




#31  
Cyclohexane  
Concen: 100.711 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

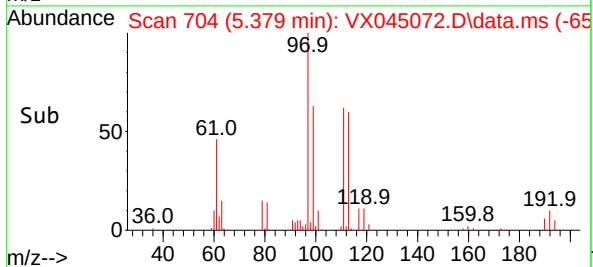
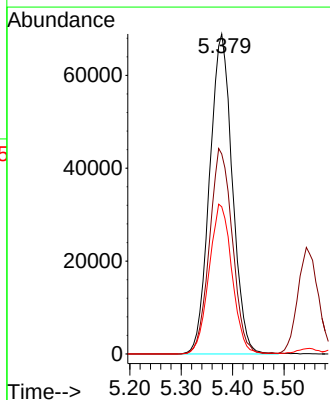
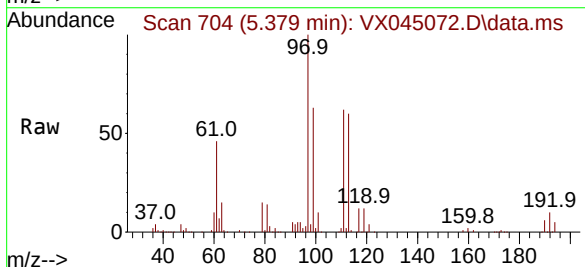
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

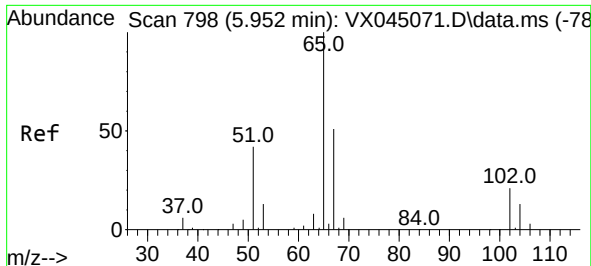
Tgt Ion: 56 Resp: 231082  
Ion Ratio Lower Upper  
56 100  
69 29.1 23.4 35.2  
84 83.3 69.4 104.2



#32  
1,1,1-Trichloroethane  
Concen: 102.638 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 97 Resp: 211302  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.6 77.4  
61 47.3 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 106.011 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

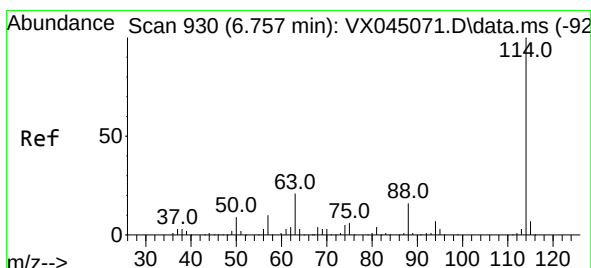
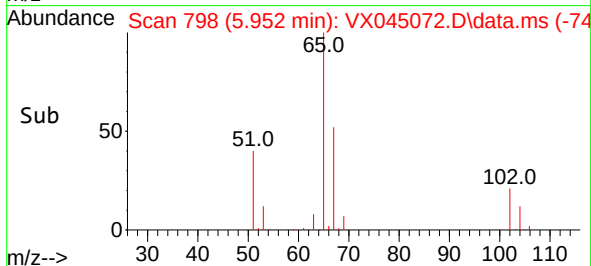
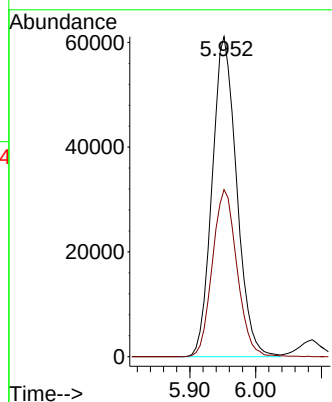
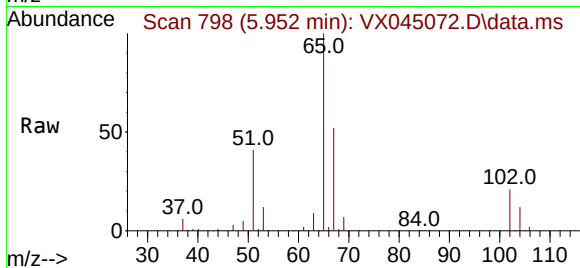
VSTDIC100

Tgt Ion: 65 Resp: 158452

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

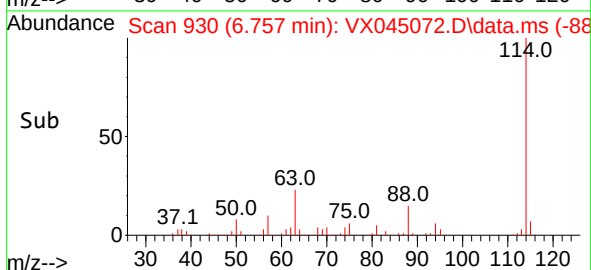
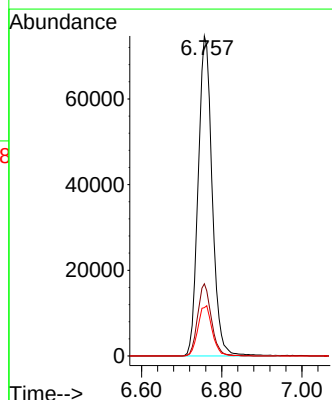
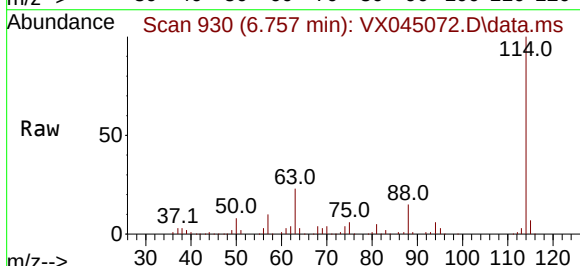
Tgt Ion: 114 Resp: 181031

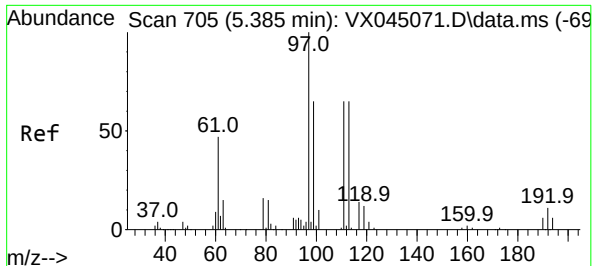
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.1 0.0 32.8

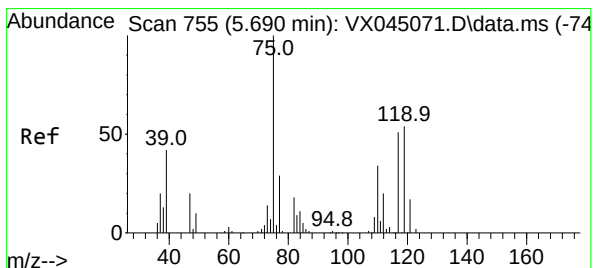
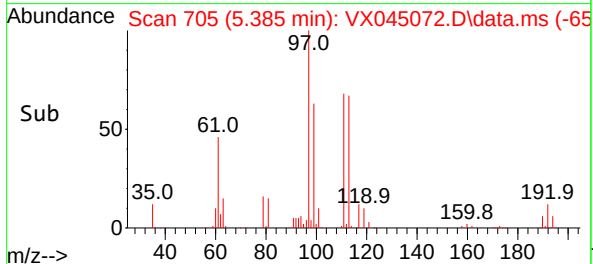
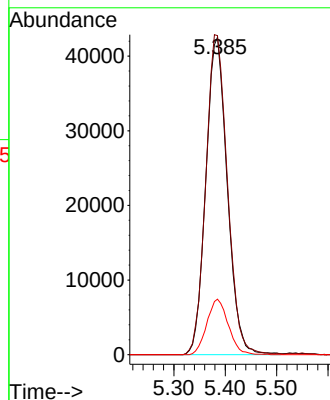
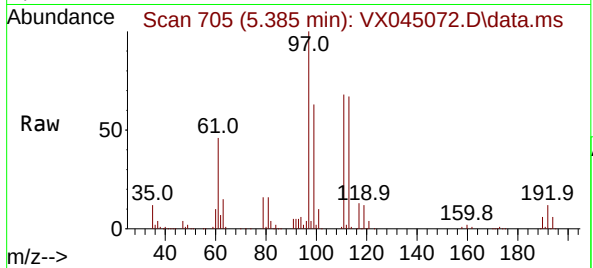




#35  
Dibromofluoromethane  
Concen: 104.110 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

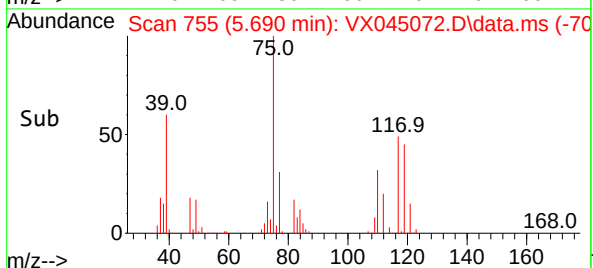
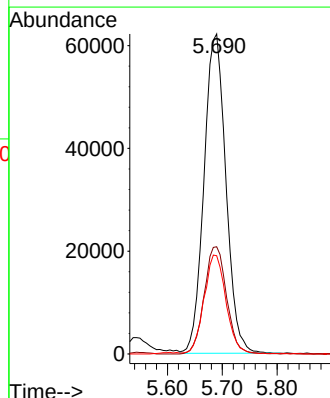
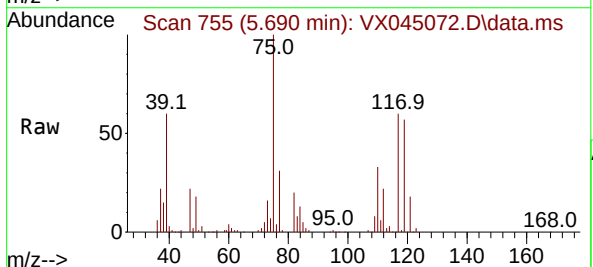
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

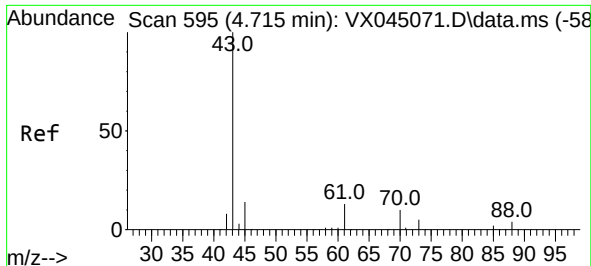
Tgt Ion:113 Resp: 123185  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.8 122.6  
192 17.5 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 101.258 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 172295  
Ion Ratio Lower Upper  
75 100  
110 34.4 16.9 50.6  
77 31.0 24.5 36.7

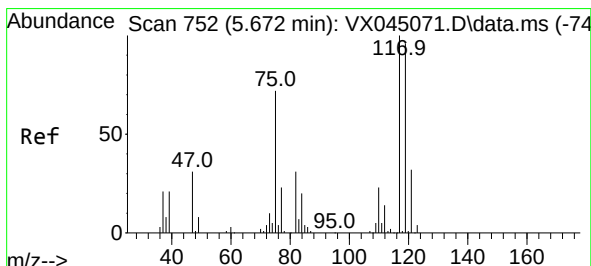
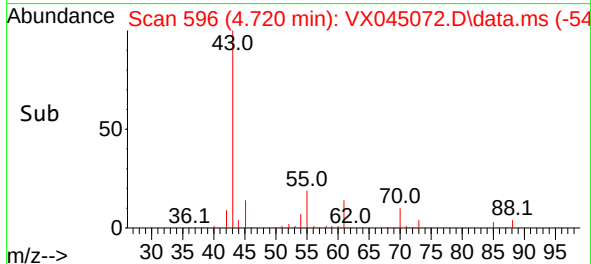
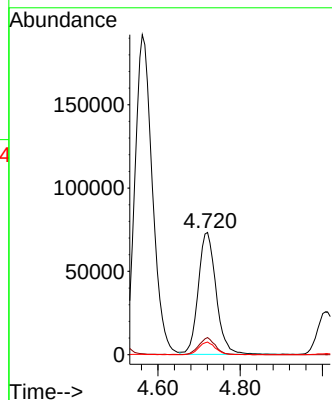
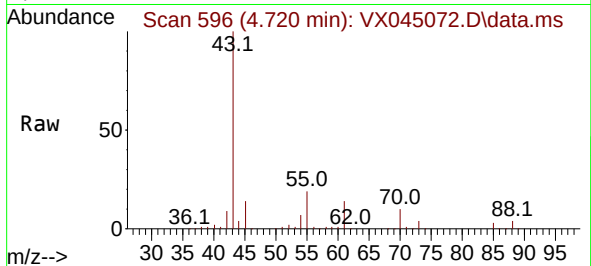




#37  
Ethyl Acetate  
Concen: 113.796 ug/l  
RT: 4.720 min Scan# 596  
Delta R.T. 0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

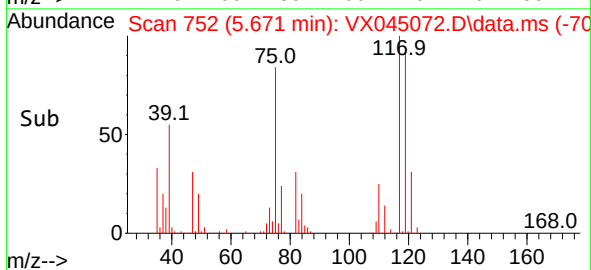
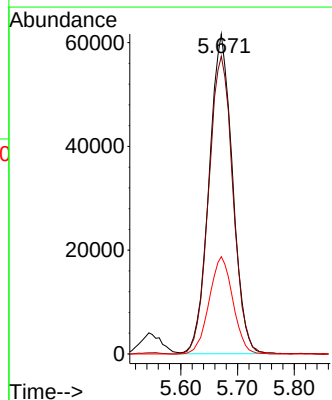
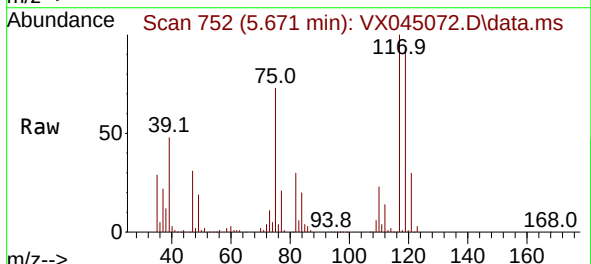
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

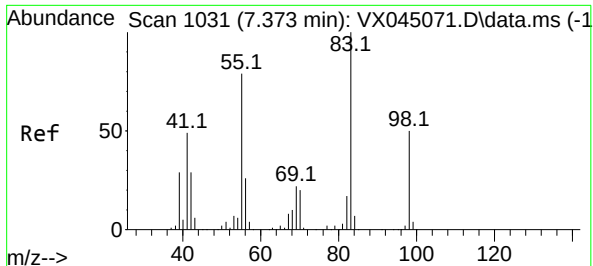
Tgt Ion: 43 Resp: 220327  
Ion Ratio Lower Upper  
43 100  
61 12.6 10.8 16.2  
70 9.6 7.7 11.5



#38  
Carbon Tetrachloride  
Concen: 105.940 ug/l  
RT: 5.671 min Scan# 752  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 117 Resp: 177219  
Ion Ratio Lower Upper  
117 100  
119 93.0 76.7 115.1  
121 30.4 25.5 38.3





#39

Methylcyclohexane

Concen: 101.175 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

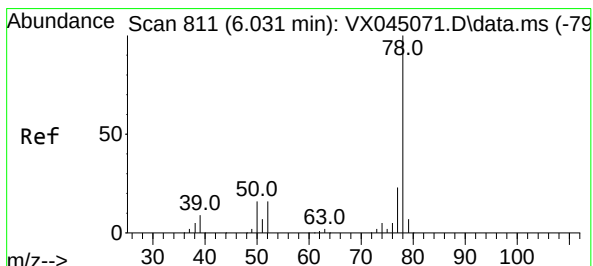
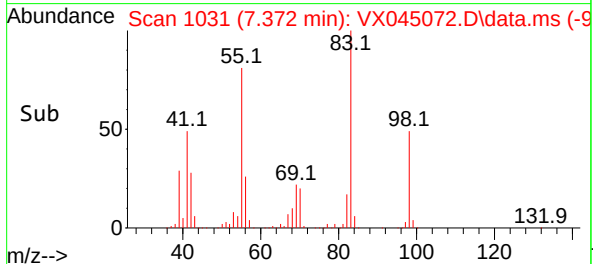
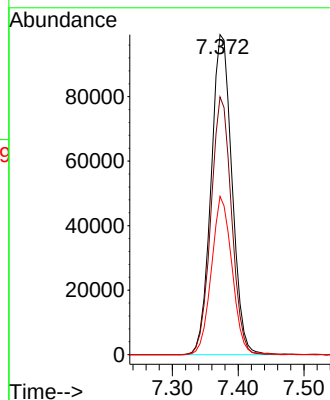
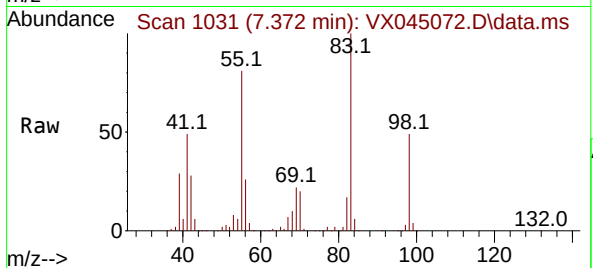
Tgt Ion: 83 Resp: 219856

Ion Ratio Lower Upper

83 100

55 80.6 63.0 94.4

98 49.5 39.7 59.5



#40

Benzene

Concen: 101.908 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045072.D

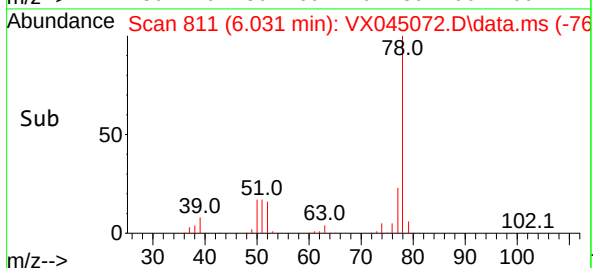
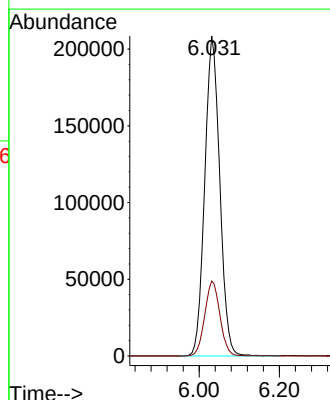
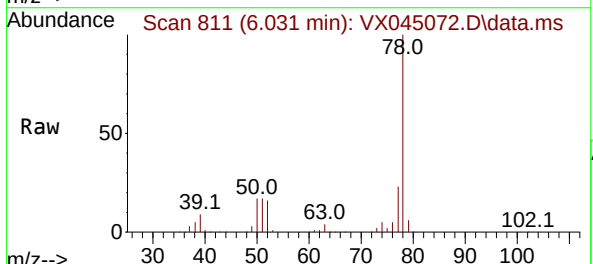
Acq: 28 Feb 2025 03:23

Tgt Ion: 78 Resp: 541974

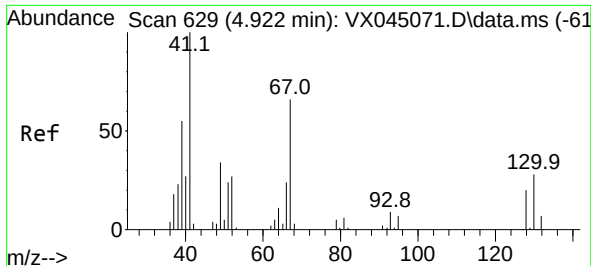
Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2





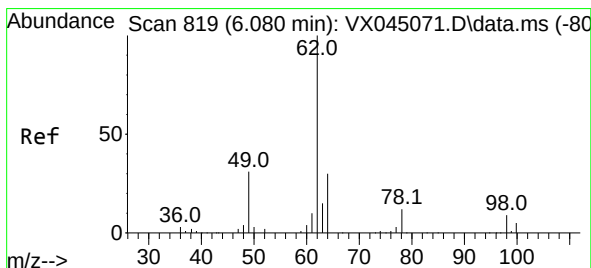
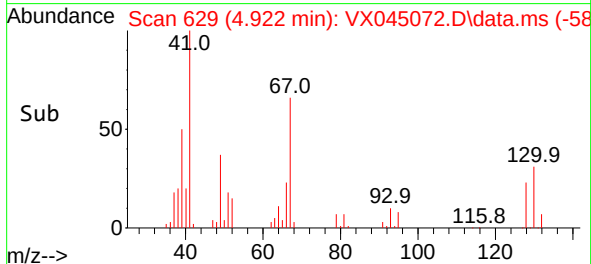
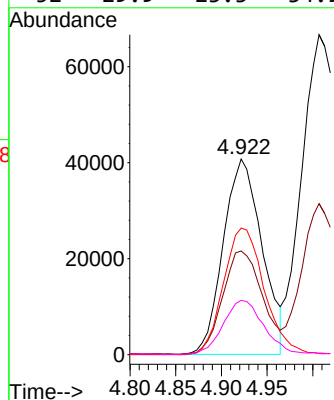
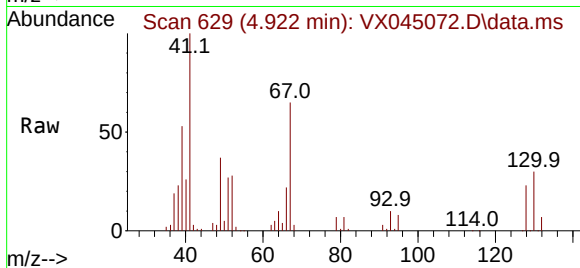


#41  
Methacrylonitrile  
Concen: 116.205 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

Tgt Ion: 41 Resp: 120186

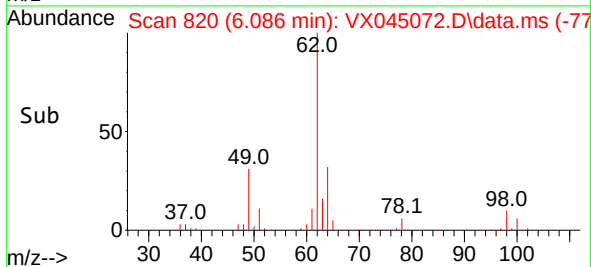
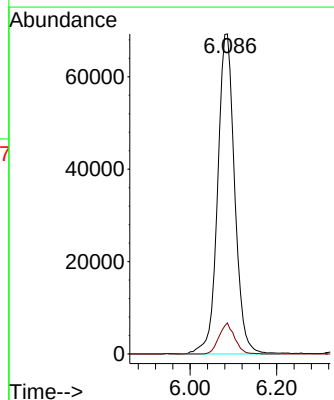
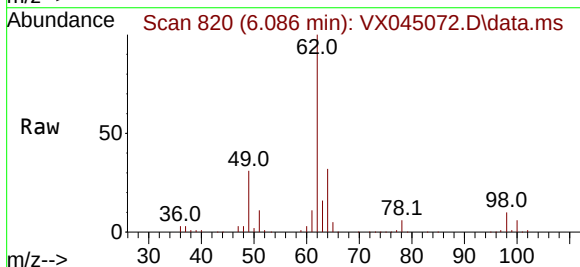
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.3  | 44.6  | 67.0  |
| 67  | 68.3  | 53.9  | 80.9  |
| 52  | 29.9  | 23.3  | 34.9  |

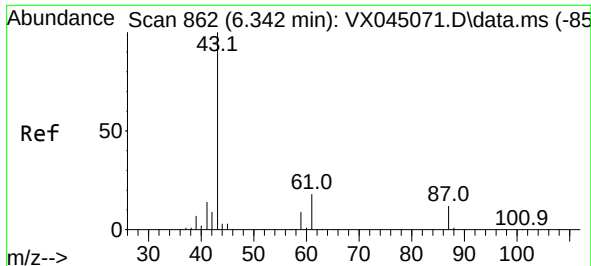


#42  
1,2-Dichloroethane  
Concen: 110.158 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 62 Resp: 189857

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.8   | 0.0   | 18.2  |

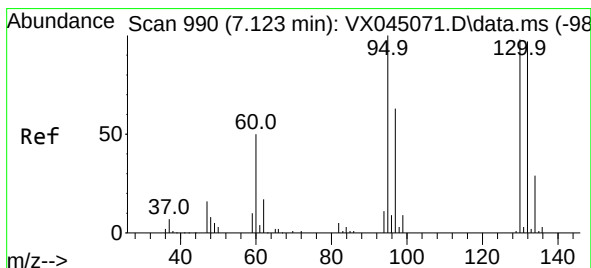
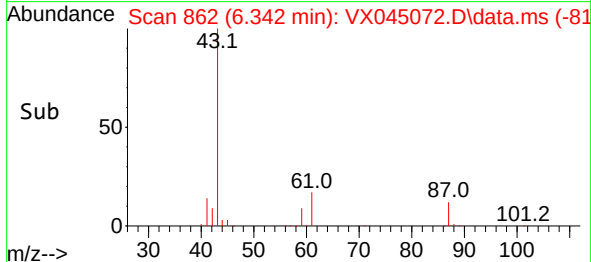
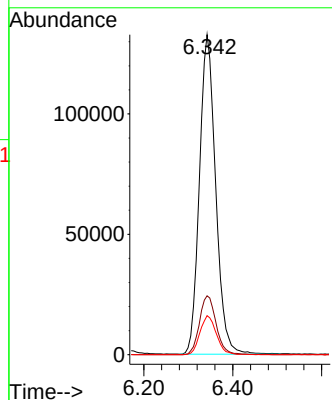
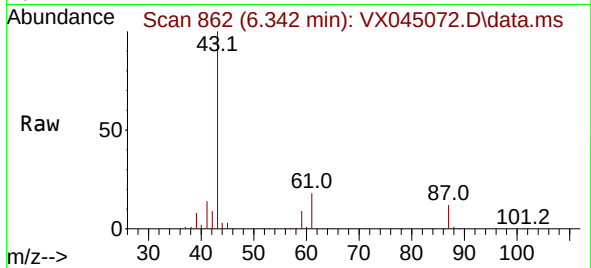




#43  
Isopropyl Acetate  
Concen: 109.806 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

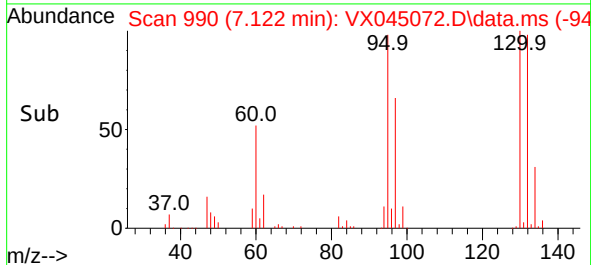
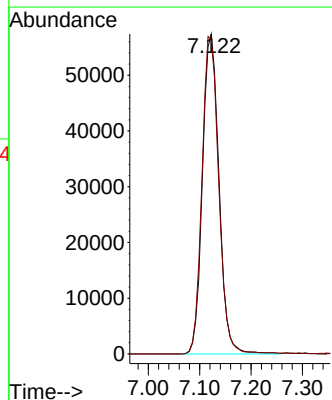
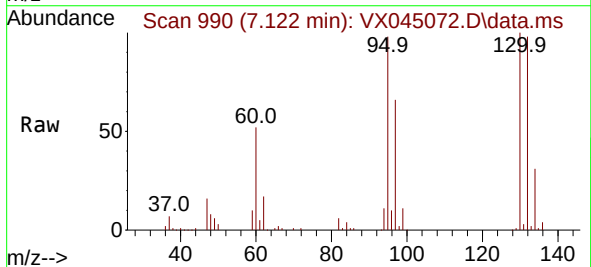
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

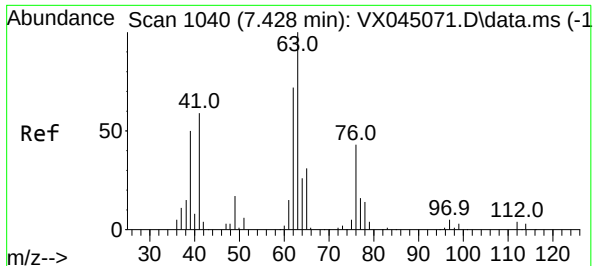
Tgt Ion: 43 Resp: 338414  
Ion Ratio Lower Upper  
43 100  
61 18.9 14.9 22.3  
87 12.3 9.4 14.2



#44  
Trichloroethene  
Concen: 105.402 ug/l  
RT: 7.122 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion:130 Resp: 128124  
Ion Ratio Lower Upper  
130 100  
95 98.1 0.0 205.0





#45

1,2-Dichloropropane

Concen: 102.898 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

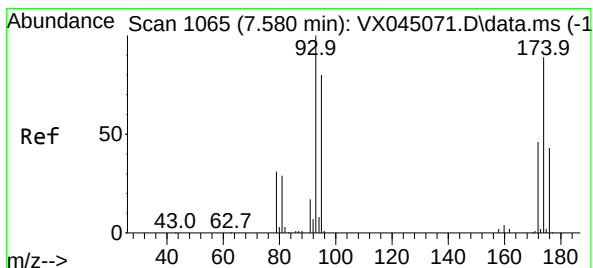
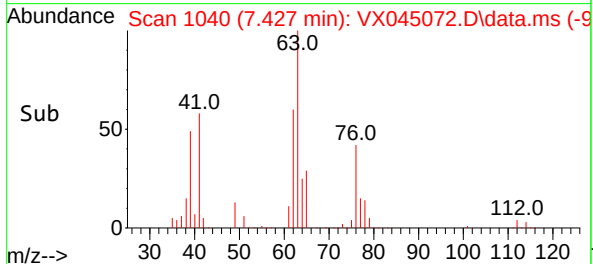
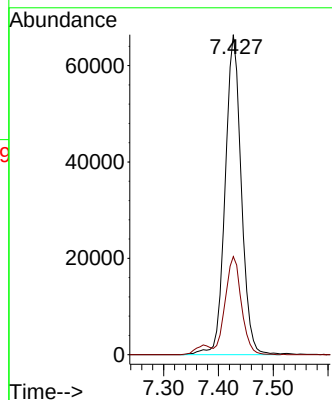
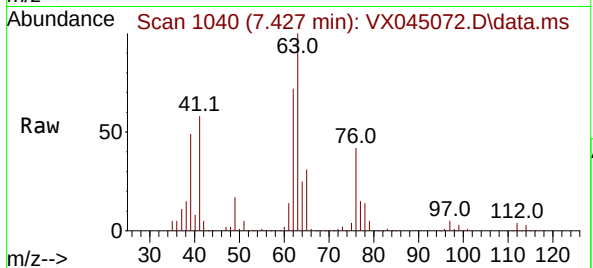
VSTDICC100

Tgt Ion: 63 Resp: 135997

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#46

Dibromomethane

Concen: 105.329 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

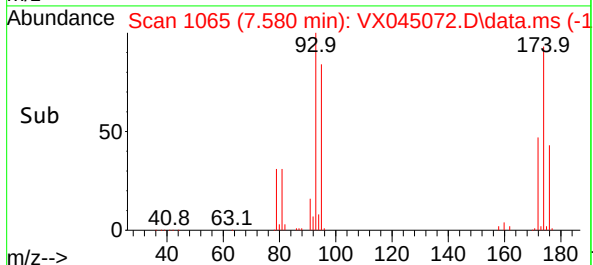
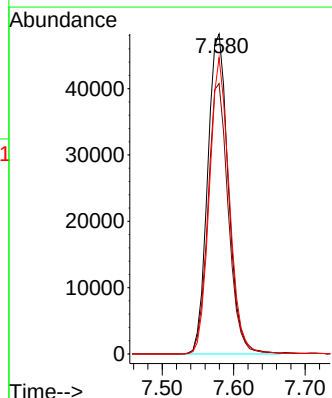
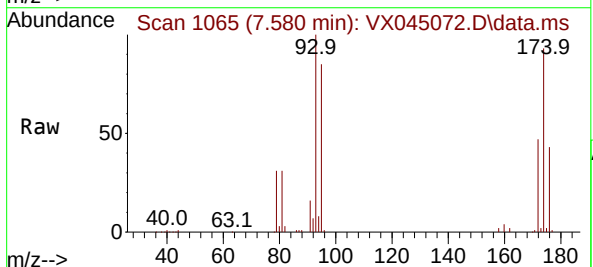
Tgt Ion: 93 Resp: 97248

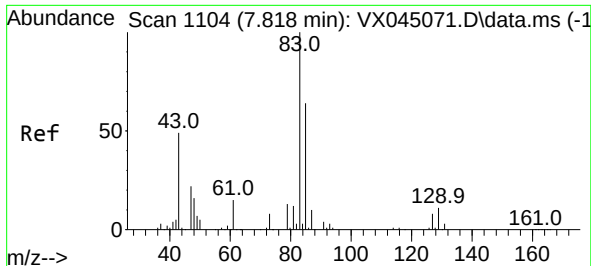
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 89.0 72.2 108.2

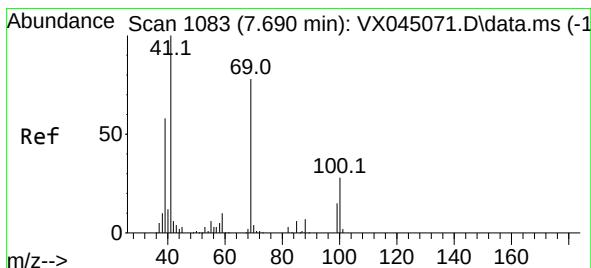
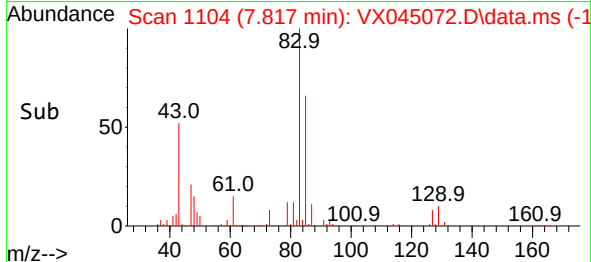
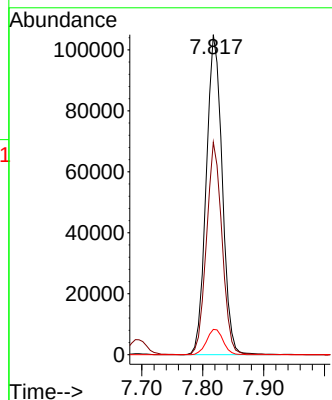
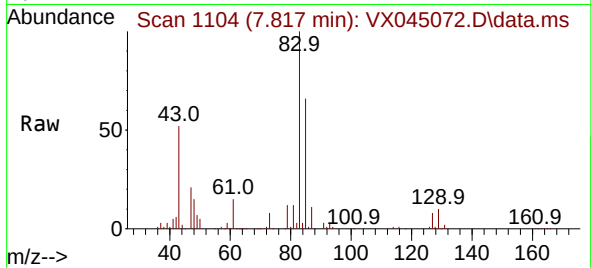




#47  
Bromodichloromethane  
Concen: 106.947 ug/l  
RT: 7.817 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

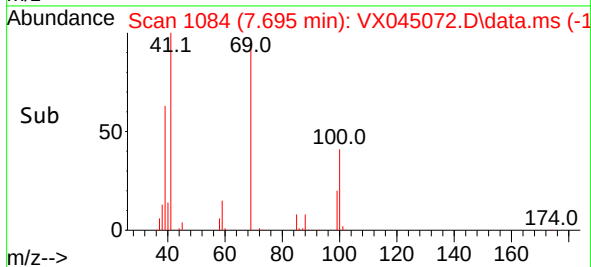
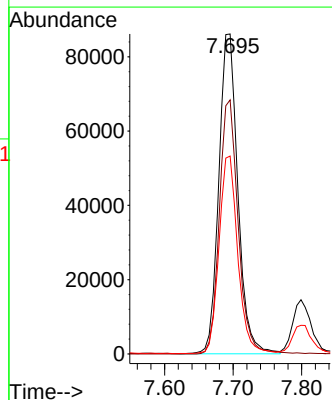
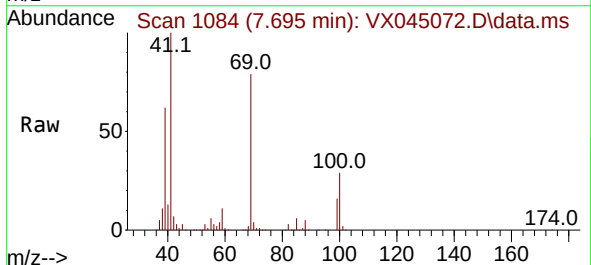
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

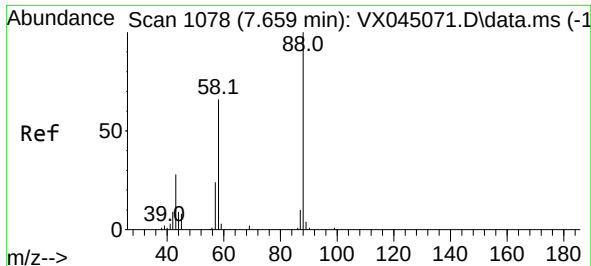
Tgt Ion: 83 Resp: 191016  
Ion Ratio Lower Upper  
83 100  
85 66.4 51.1 76.7  
127 7.9 6.4 9.6



#48  
Methyl methacrylate  
Concen: 113.344 ug/l  
RT: 7.695 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 41 Resp: 165825  
Ion Ratio Lower Upper  
41 100  
69 78.5 63.0 94.6  
39 60.9 47.5 71.3

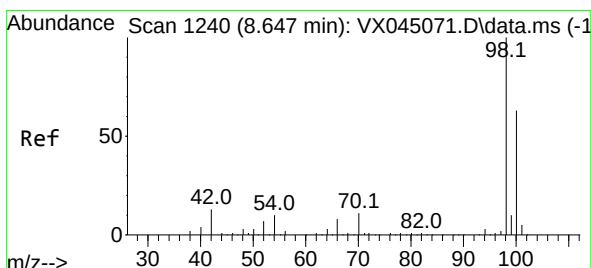
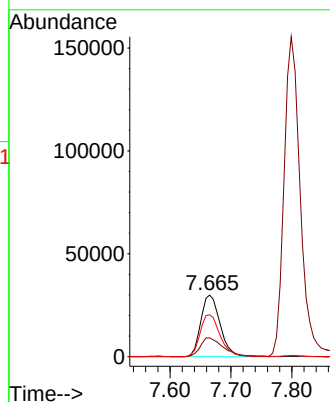
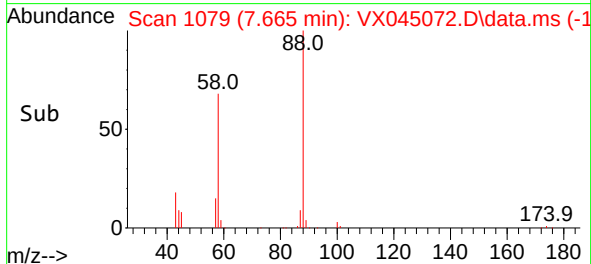
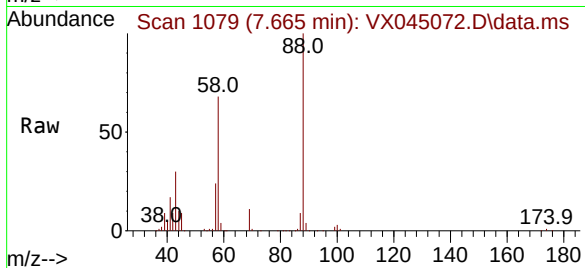




#49  
1,4-Dioxane  
Concen: 2132.314 ug/l  
RT: 7.665 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

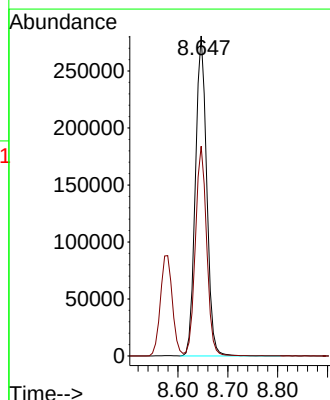
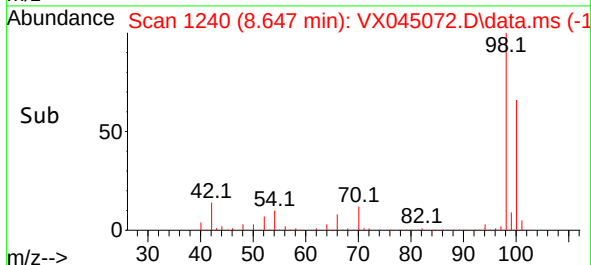
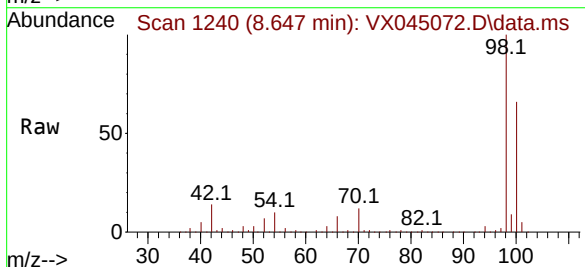
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

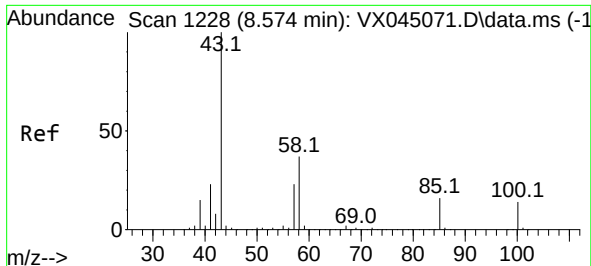
Tgt Ion: 88 Resp: 66308  
Ion Ratio Lower Upper  
88 100  
43 35.6 28.7 43.1  
58 70.5 55.8 83.8



#50  
Toluene-d8  
Concen: 99.595 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 98 Resp: 441188  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 555.050 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

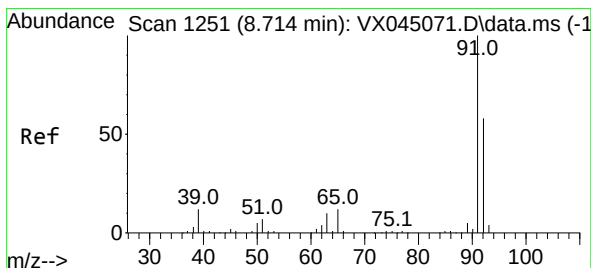
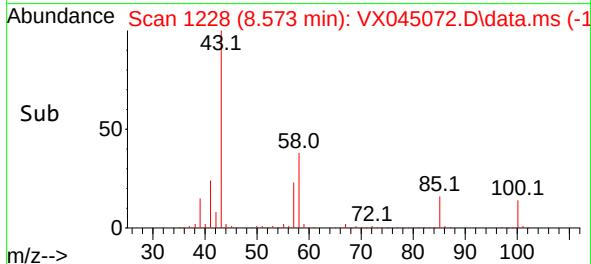
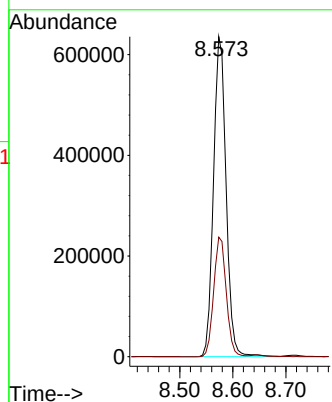
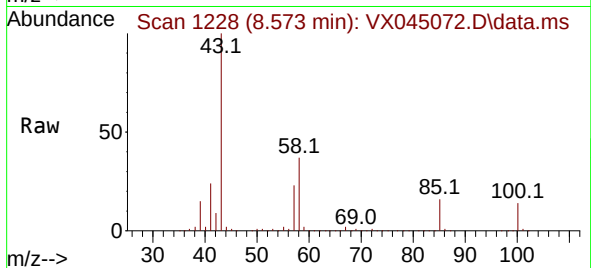
VSTDICC100

Tgt Ion: 43 Resp: 1048140

Ion Ratio Lower Upper

43 100

58 37.4 29.2 43.8



#52

Toluene

Concen: 100.178 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX045072.D

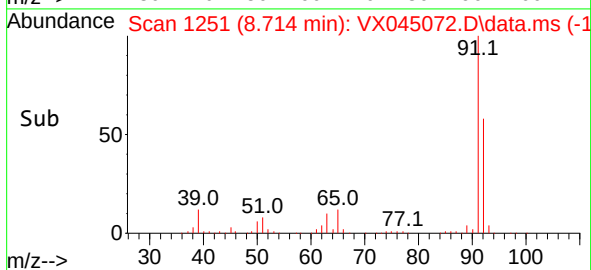
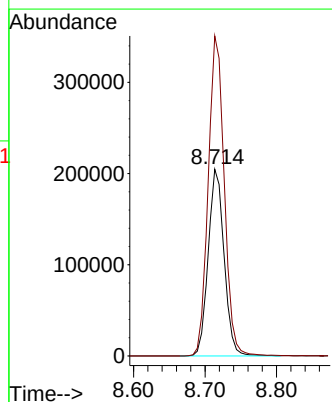
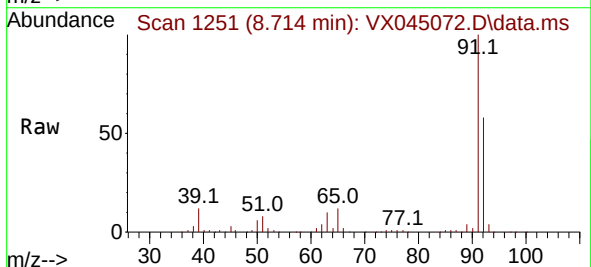
Acq: 28 Feb 2025 03:23

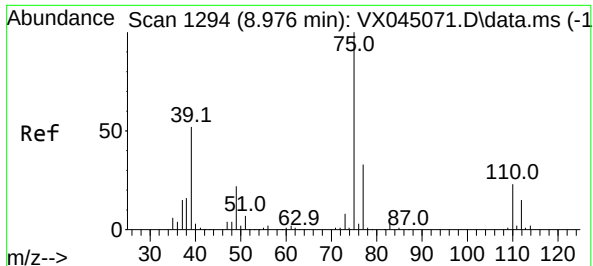
Tgt Ion: 92 Resp: 316349

Ion Ratio Lower Upper

92 100

91 173.2 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 100.462 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

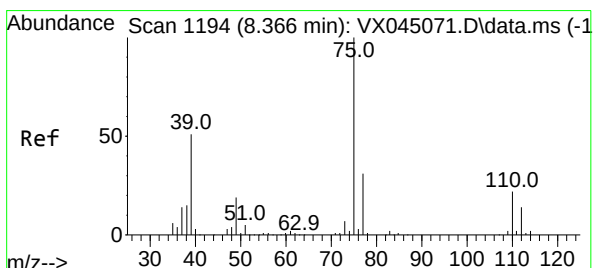
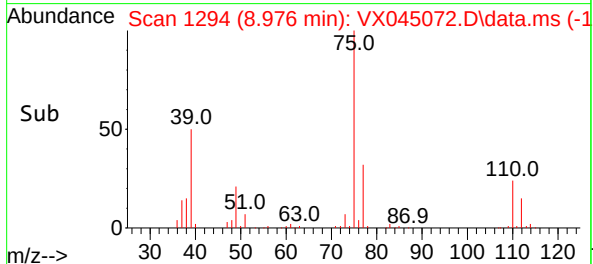
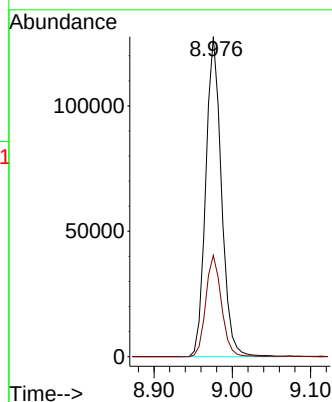
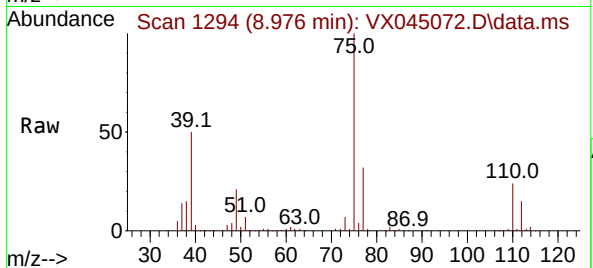
VSTDIC100

Tgt Ion: 75 Resp: 177352

Ion Ratio Lower Upper

75 100

77 31.6 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 101.815 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

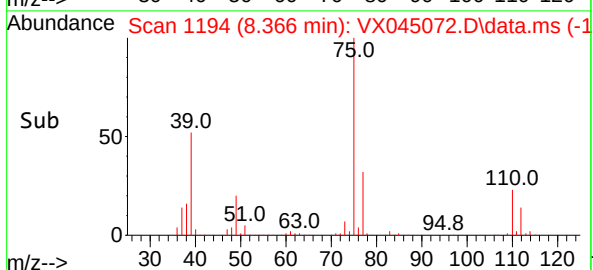
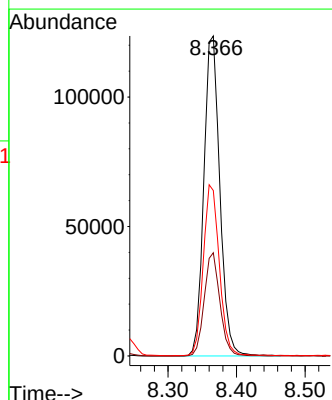
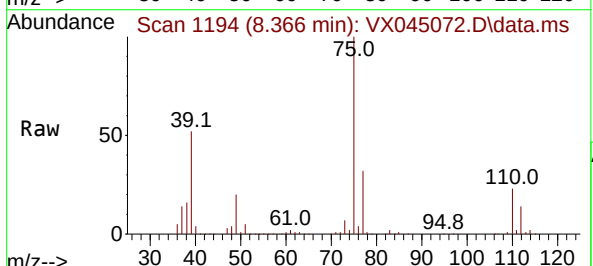
Tgt Ion: 75 Resp: 200943

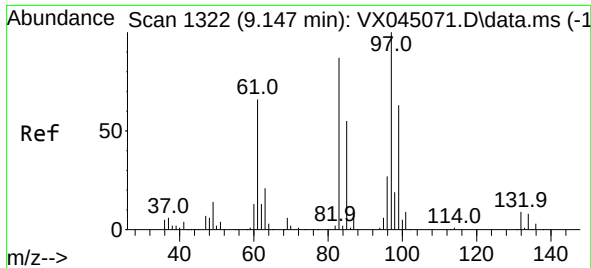
Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

39 51.6 40.7 61.1



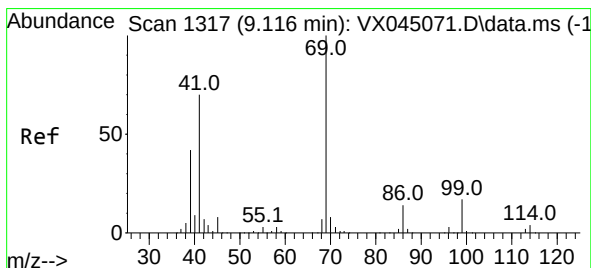
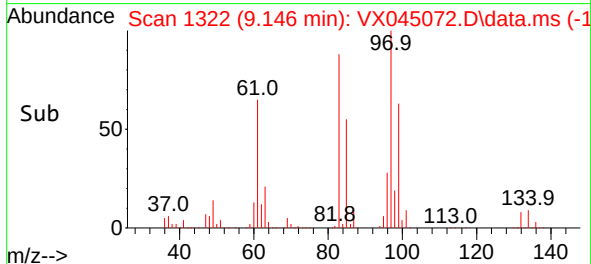
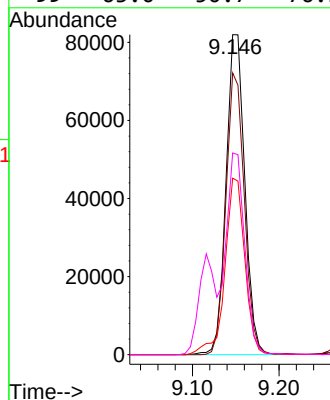
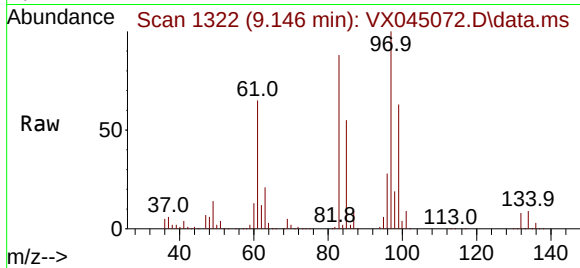


#55  
 1,1,2-Trichloroethane  
 Concen: 100.920 ug/l  
 RT: 9.146 min Scan# 1322  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 97 Resp: 123426

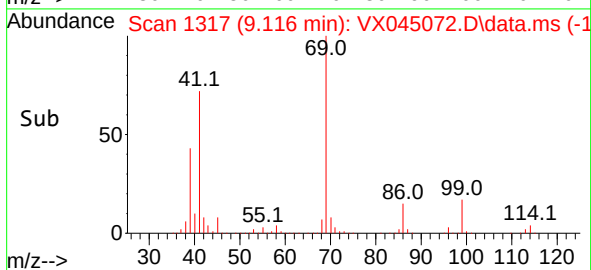
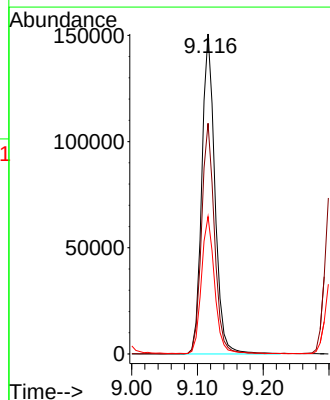
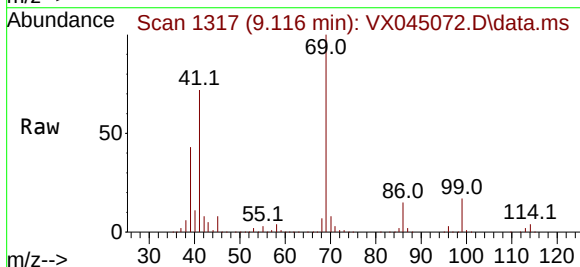
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.0  | 69.4  | 104.2 |
| 85  | 55.1  | 44.1  | 66.1  |
| 99  | 63.0  | 50.7  | 76.1  |



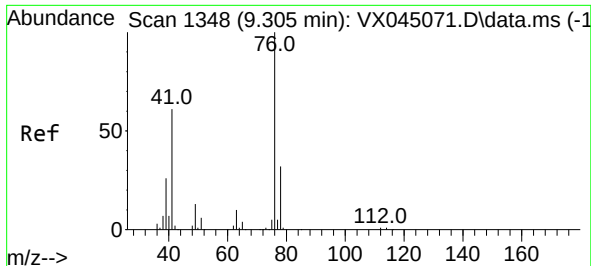
#56  
 Ethyl methacrylate  
 Concen: 106.744 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

Tgt Ion: 69 Resp: 208782

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.3  | 57.0  | 85.4  |
| 39  | 43.0  | 34.2  | 51.4  |







#57

1,3-Dichloropropane

Concen: 101.387 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

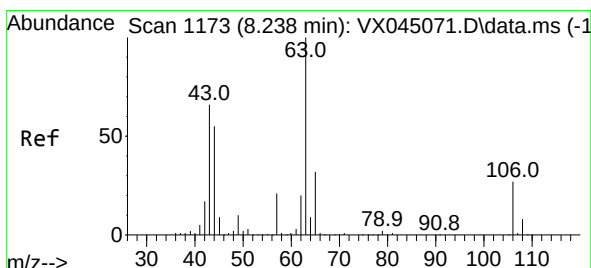
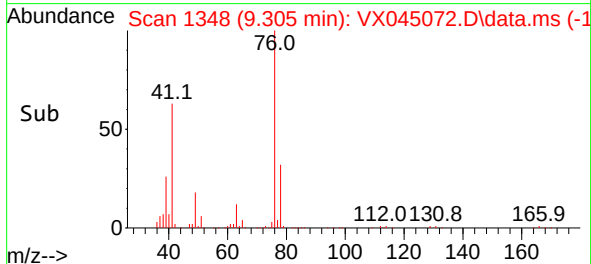
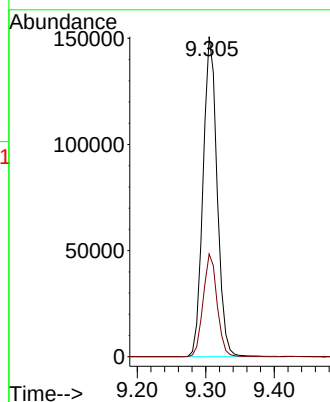
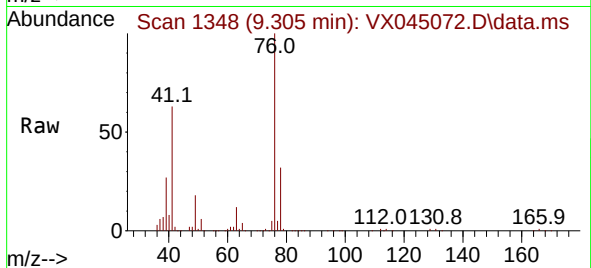
VSTDIC100

Tgt Ion: 76 Resp: 216267

Ion Ratio Lower Upper

76 100

78 31.8 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 514.987 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045072.D

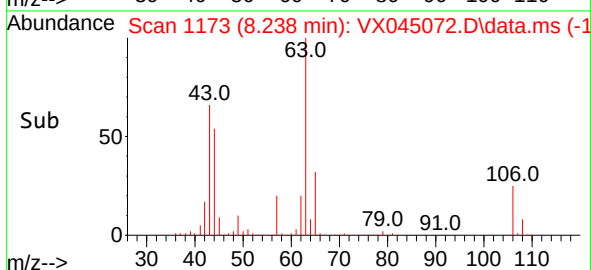
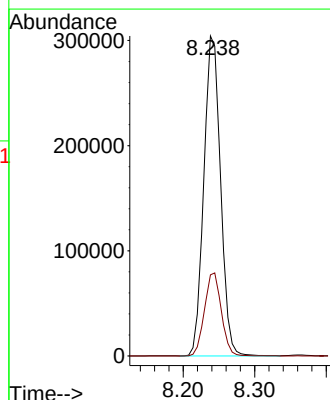
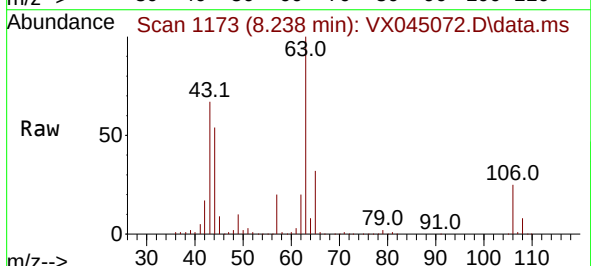
Acq: 28 Feb 2025 03:23

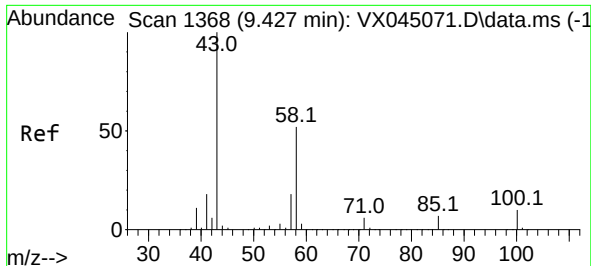
Tgt Ion: 63 Resp: 494551

Ion Ratio Lower Upper

63 100

106 26.1 21.5 32.3





#59

2-Hexanone

Concen: 572.233 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

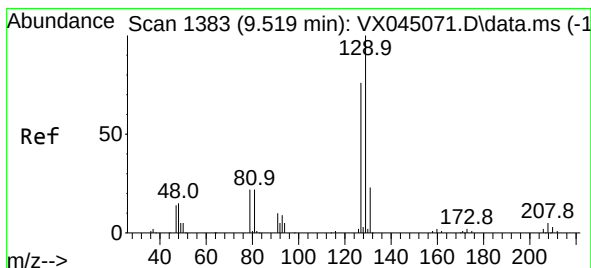
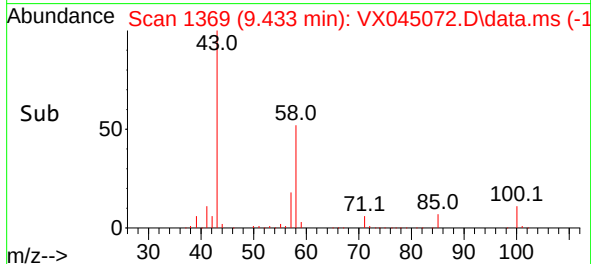
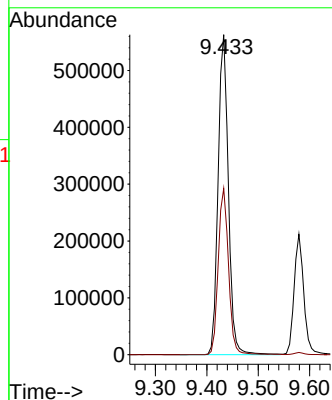
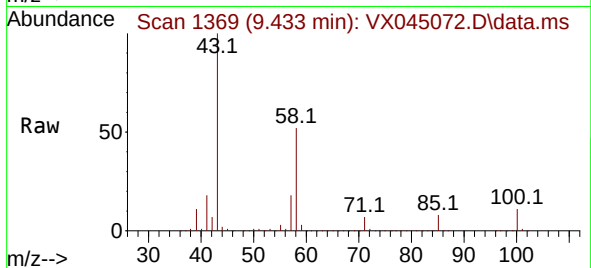
VSTDIC100

Tgt Ion: 43 Resp: 779492

Ion Ratio Lower Upper

43 100

58 52.2 25.9 77.6



#60

Dibromochloromethane

Concen: 106.719 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045072.D

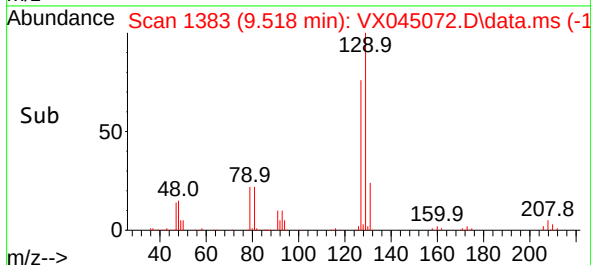
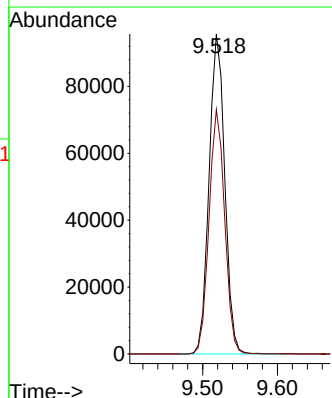
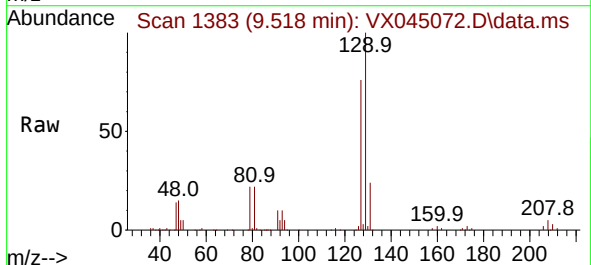
Acq: 28 Feb 2025 03:23

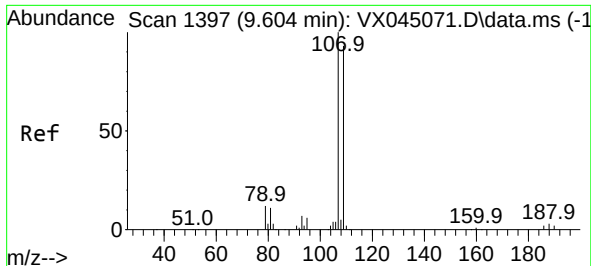
Tgt Ion: 129 Resp: 139245

Ion Ratio Lower Upper

129 100

127 76.3 38.5 115.5

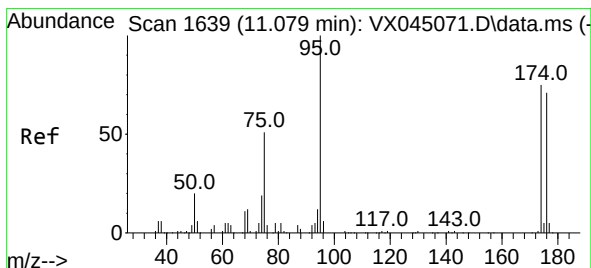
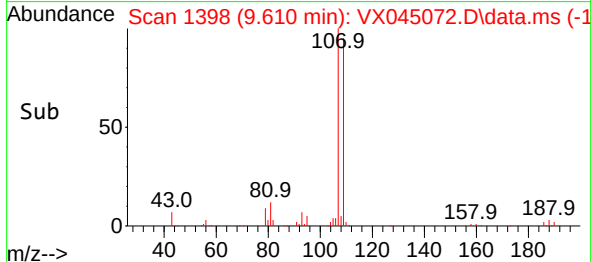
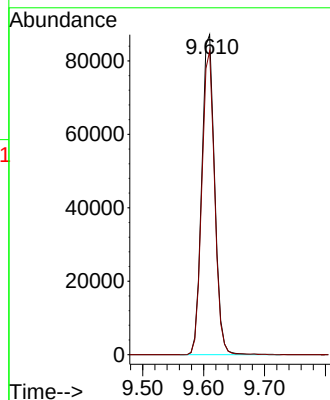
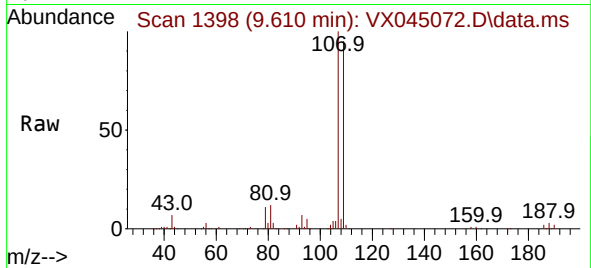




#61  
1,2-Dibromoethane  
Concen: 104.259 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

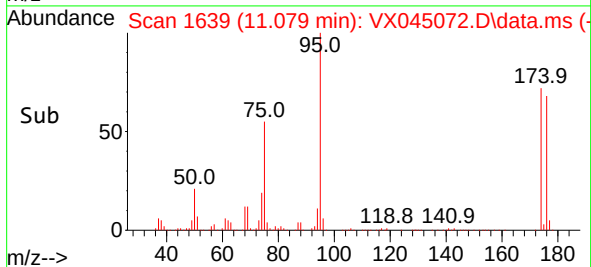
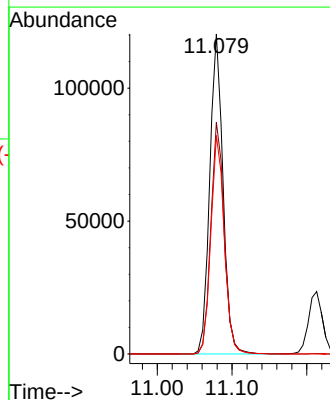
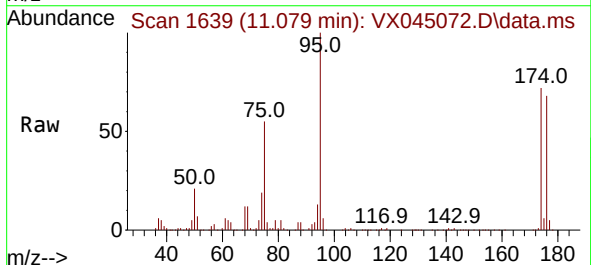
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

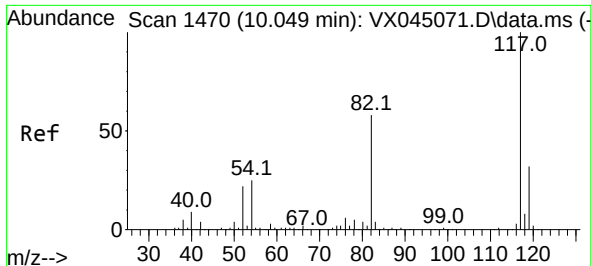
Tgt Ion:107 Resp: 128617  
Ion Ratio Lower Upper  
107 100  
109 94.3 76.1 114.1



#62  
4-Bromofluorobenzene  
Concen: 100.365 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 95 Resp: 148476  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 148.2  
176 69.2 0.0 141.4

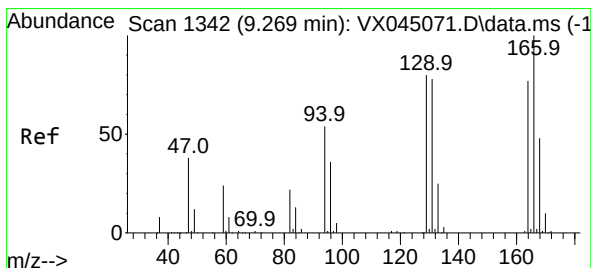
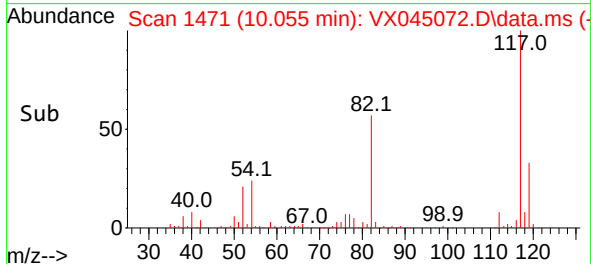
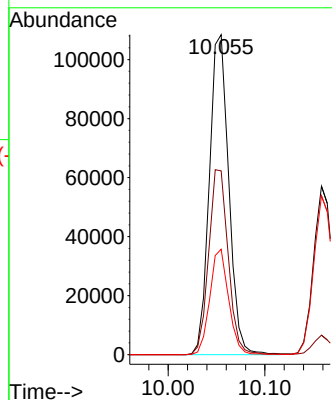
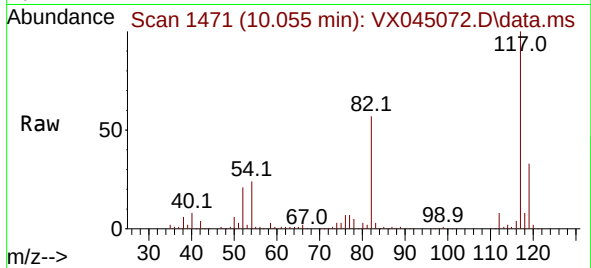




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

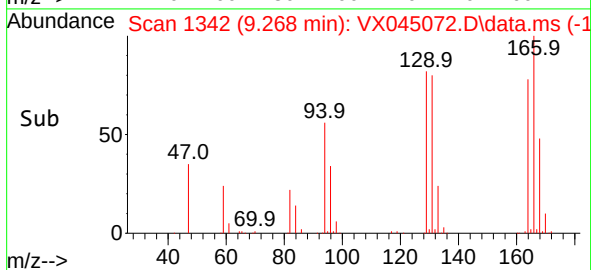
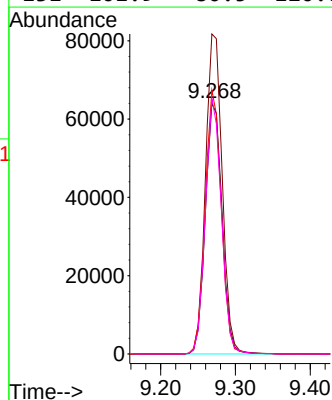
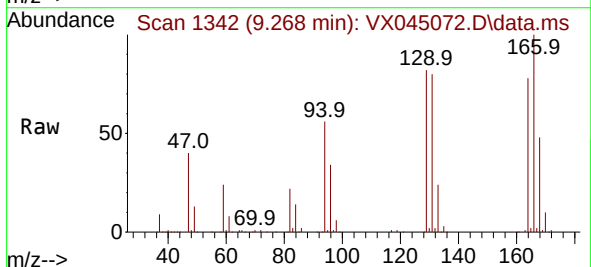
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

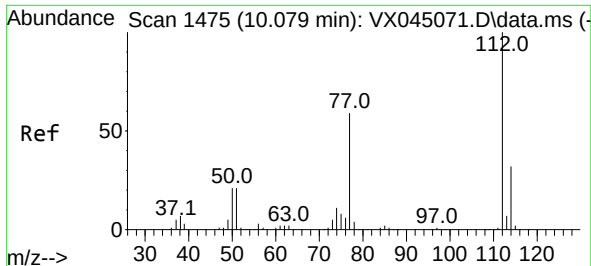
Tgt Ion:117 Resp: 151175  
Ion Ratio Lower Upper  
117 100  
82 57.5 46.3 69.5  
119 33.0 25.7 38.5



#64  
Tetrachloroethene  
Concen: 103.491 ug/l  
RT: 9.268 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion:164 Resp: 99386  
Ion Ratio Lower Upper  
164 100  
166 127.6 103.6 155.4  
129 105.2 82.7 124.1  
131 101.9 80.5 120.7

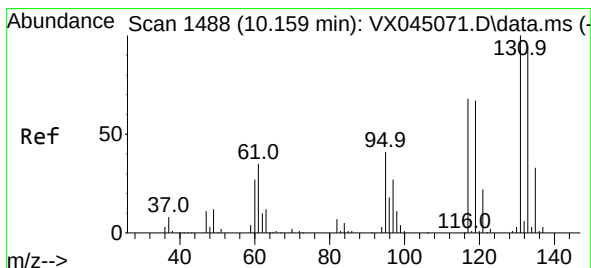
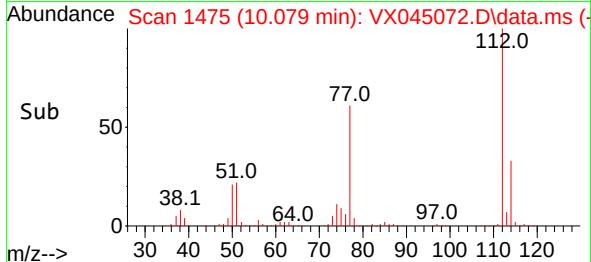
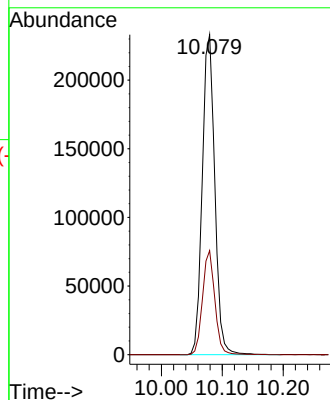
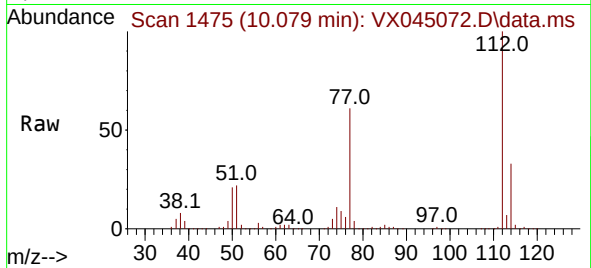




#65  
Chlorobenzene  
Concen: 102.456 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

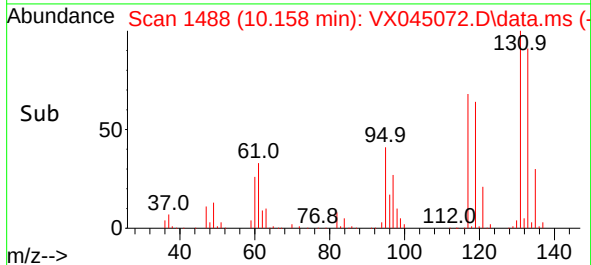
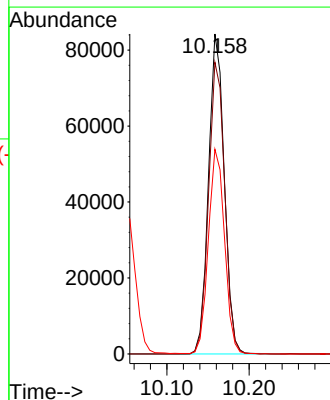
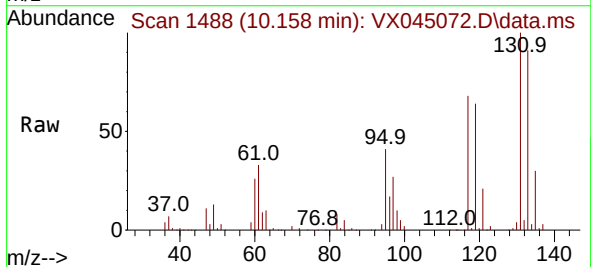
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

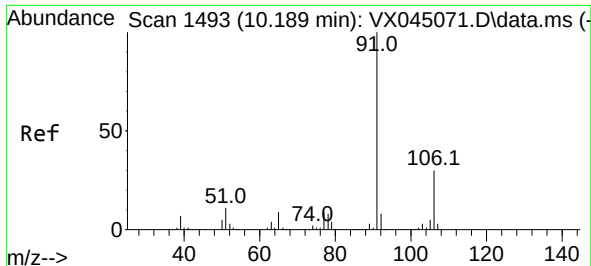
Tgt Ion:112 Resp: 332473  
Ion Ratio Lower Upper  
112 100  
114 32.5 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 107.511 ug/l  
RT: 10.158 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion:131 Resp: 112451  
Ion Ratio Lower Upper  
131 100  
133 93.1 48.6 145.9  
119 65.8 33.9 101.7

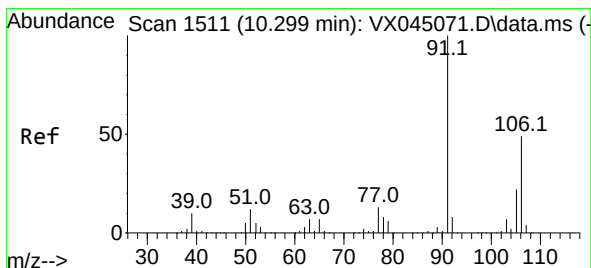
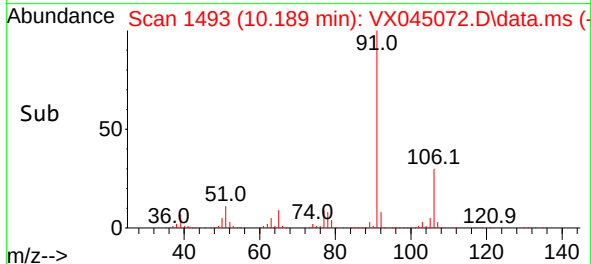
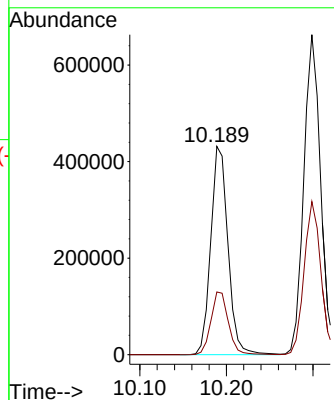
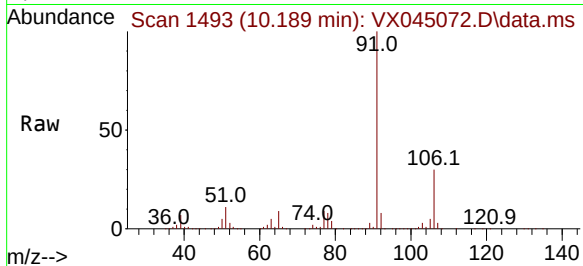




#67  
Ethyl Benzene  
Concen: 103.905 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

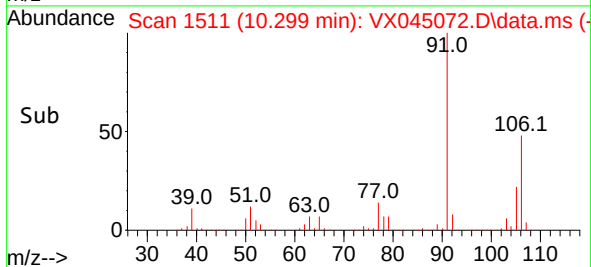
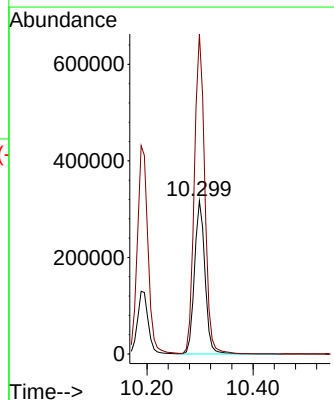
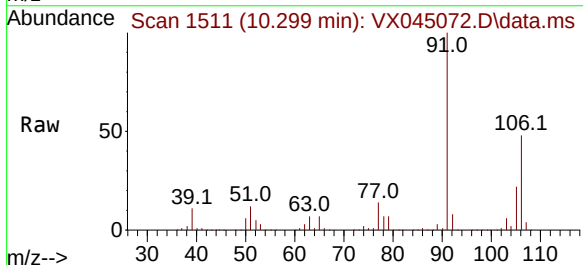
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

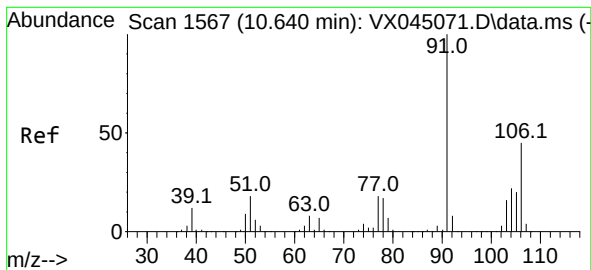
Tgt Ion: 91 Resp: 596257  
Ion Ratio Lower Upper  
91 100  
106 30.1 23.9 35.9



#68  
m/p-Xylenes  
Concen: 204.507 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion:106 Resp: 432214  
Ion Ratio Lower Upper  
106 100  
91 208.9 165.4 248.0

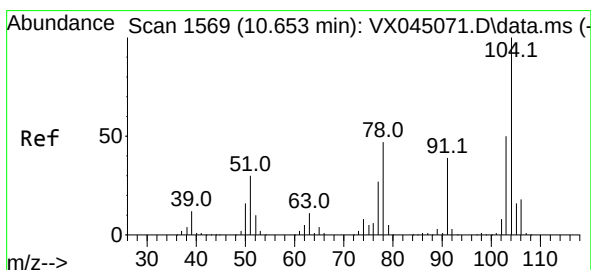
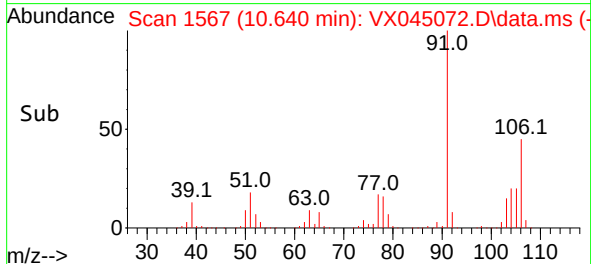
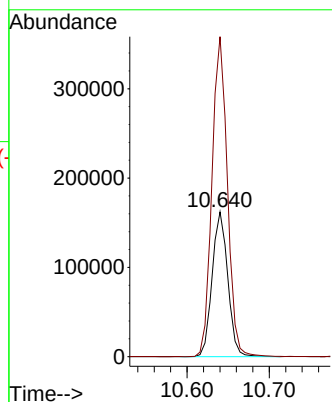
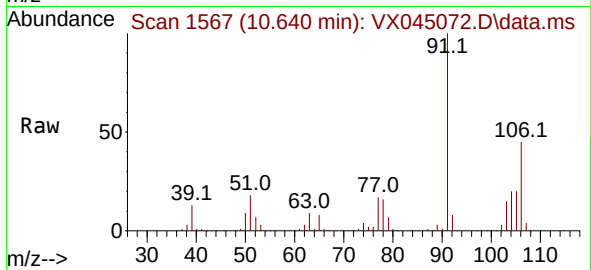




#69  
o-Xylene  
Concen: 100.849 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

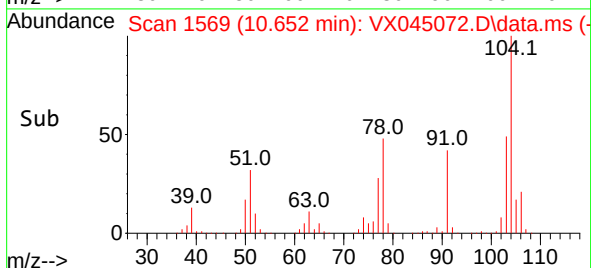
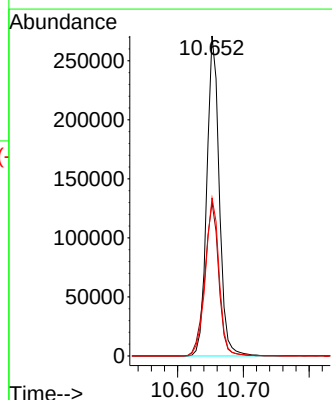
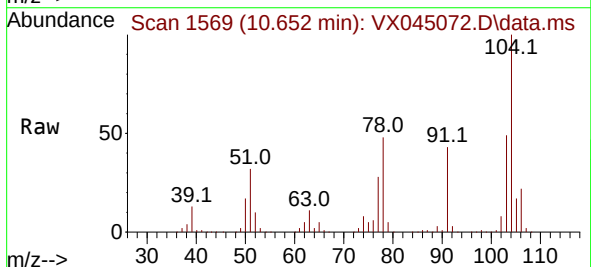
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

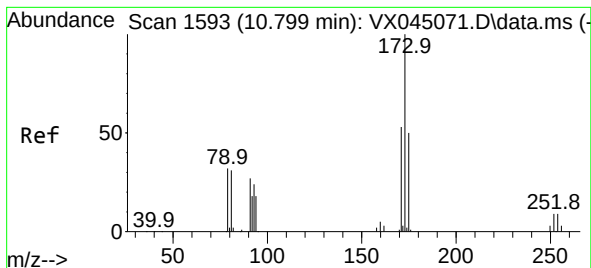
Tgt Ion:106 Resp: 213835  
Ion Ratio Lower Upper  
106 100  
91 218.2 109.9 329.6



#70  
Styrene  
Concen: 104.948 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion:104 Resp: 357649  
Ion Ratio Lower Upper  
104 100  
78 53.7 42.2 63.4  
103 54.3 43.8 65.8





#71

Bromoform

Concen: 116.751 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

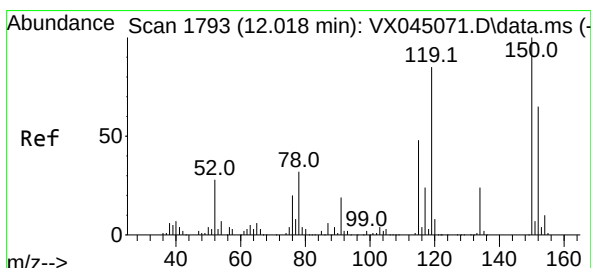
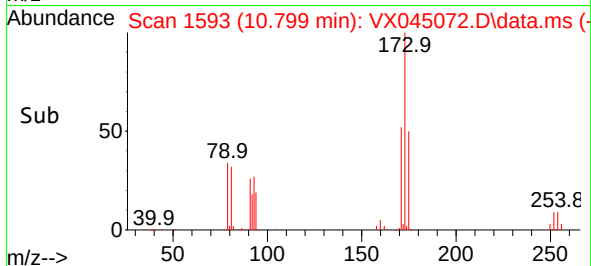
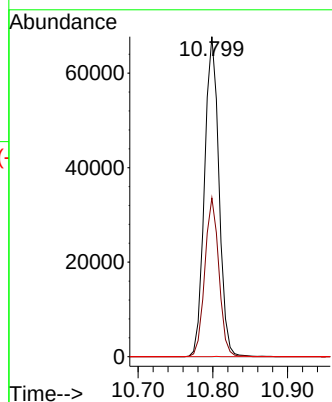
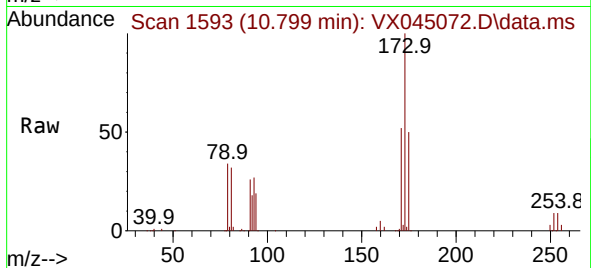
Tgt Ion:173 Resp: 90800

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

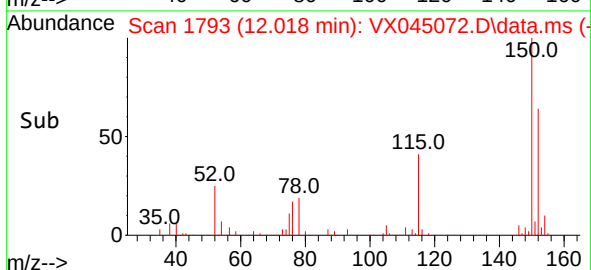
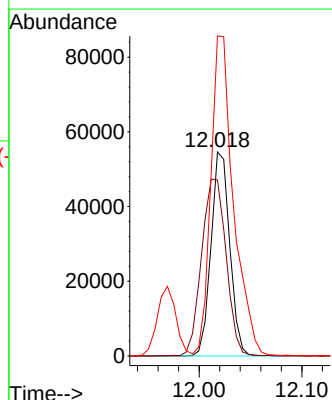
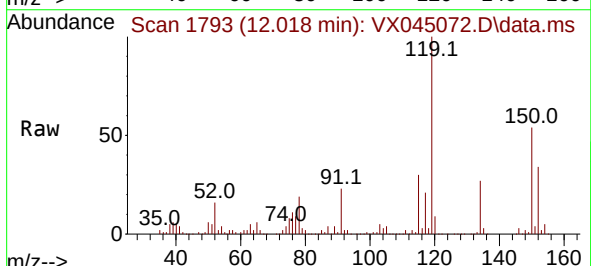
Tgt Ion:152 Resp: 69086

Ion Ratio Lower Upper

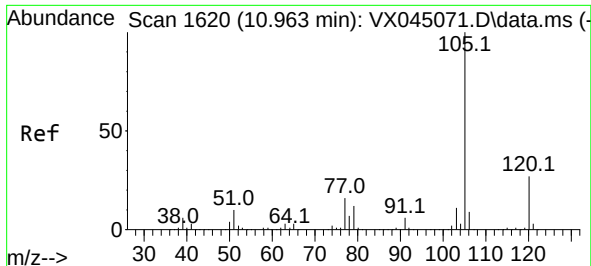
152 100

115 114.1 44.2 132.6

150 190.7 0.0 349.0



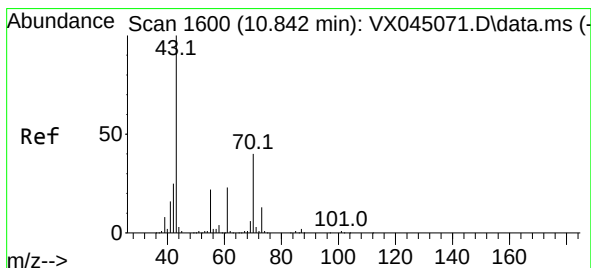
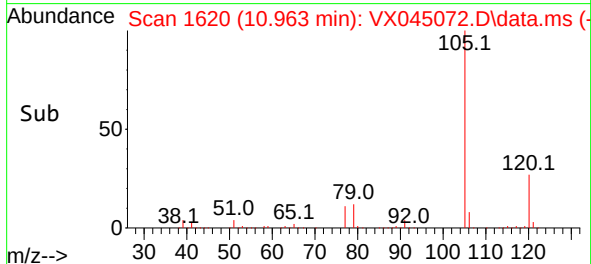
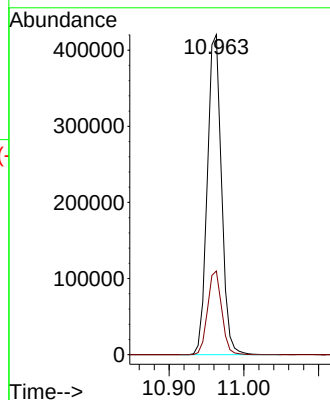
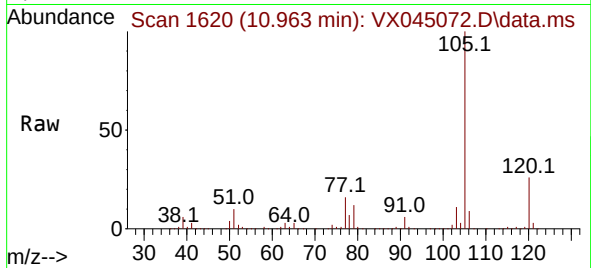




#73  
Isopropylbenzene  
Concen: 99.138 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

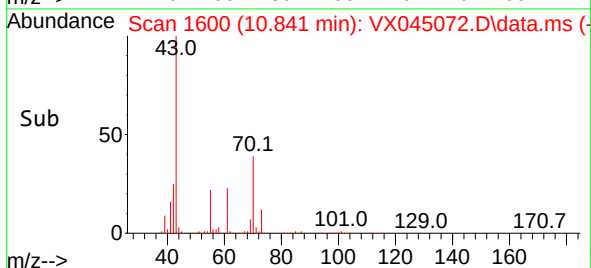
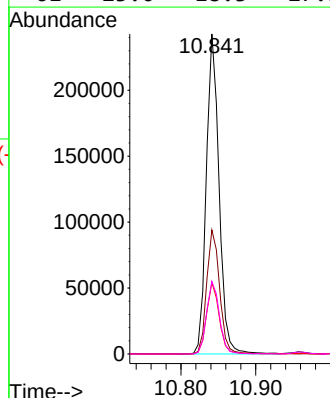
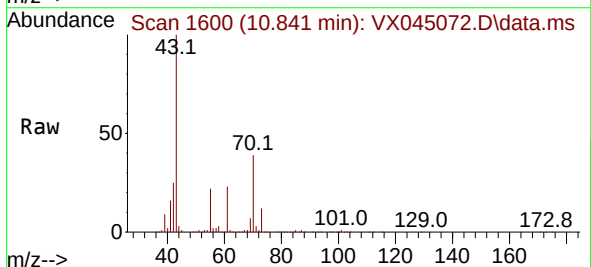
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

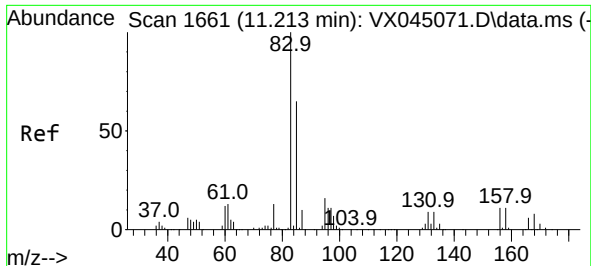
Tgt Ion:105 Resp: 553533  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.2 39.5



#74  
N-ethyl acetate  
Concen: 113.277 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 287104  
Ion Ratio Lower Upper  
43 100  
70 39.6 31.8 47.6  
55 22.3 18.3 27.5  
61 23.0 18.3 27.5

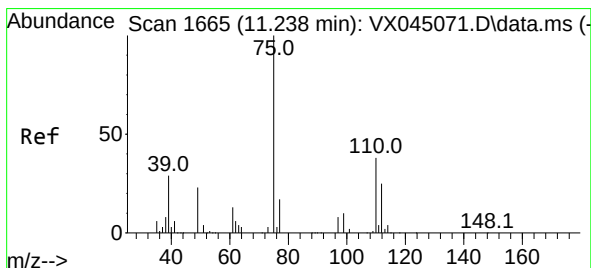
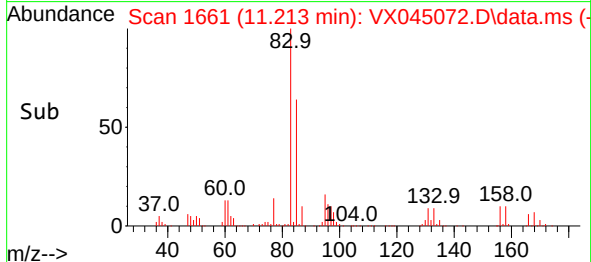
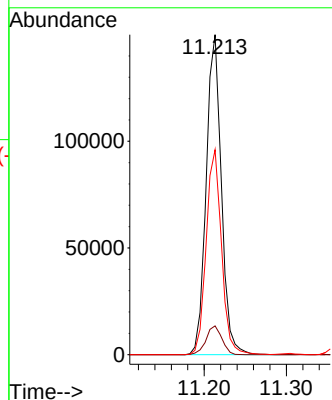
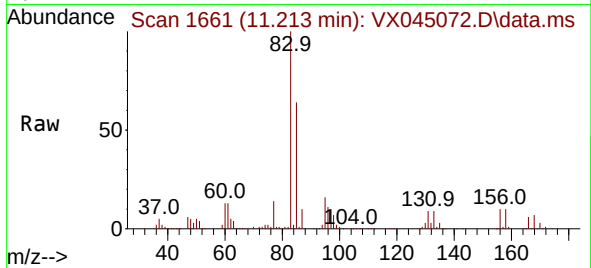




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 99.923 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

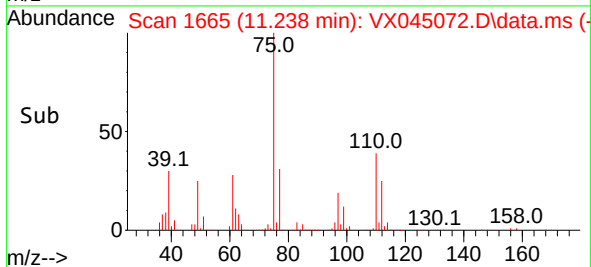
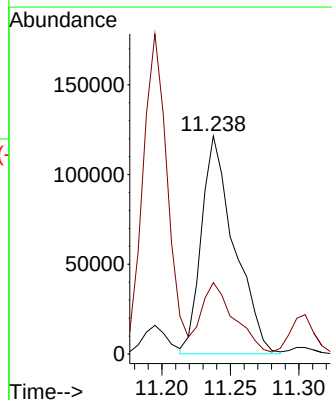
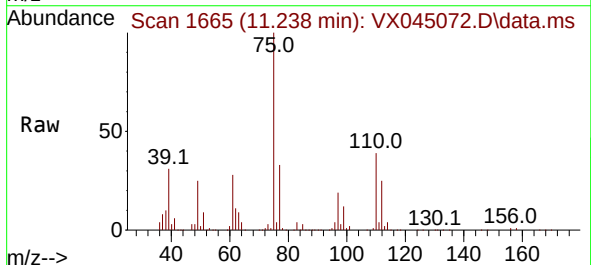
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

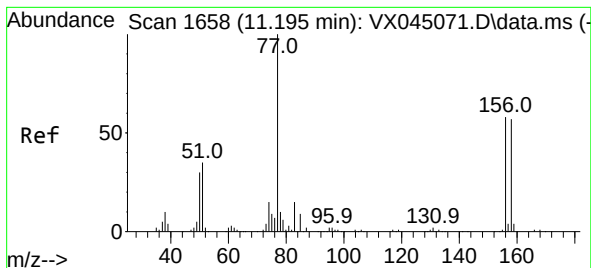
Tgt Ion: 83 Resp: 192217  
 Ion Ratio Lower Upper  
 83 100  
 131 9.4 4.5 13.4  
 85 64.7 31.7 95.1



#76  
 1,2,3-Trichloropropane  
 Concen: 131.738 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 203020  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 20.7 62.1





#77

Bromobenzene

Concen: 99.175 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

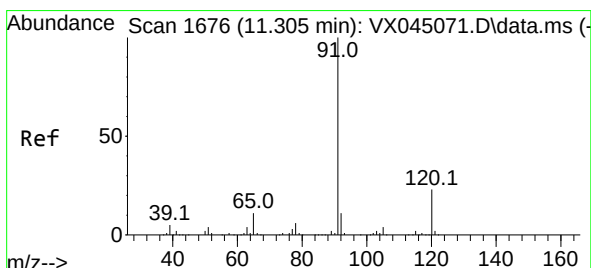
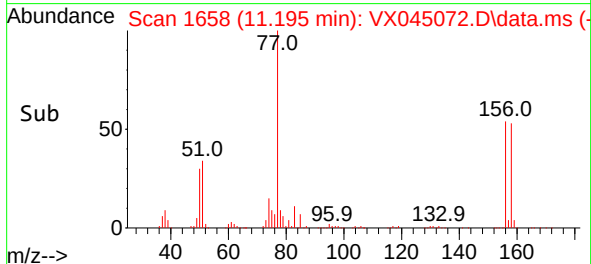
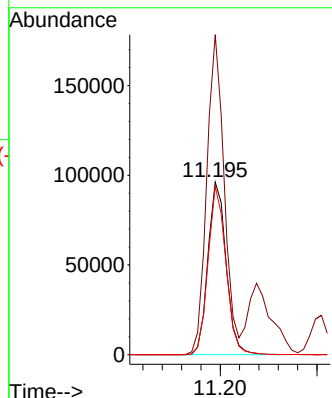
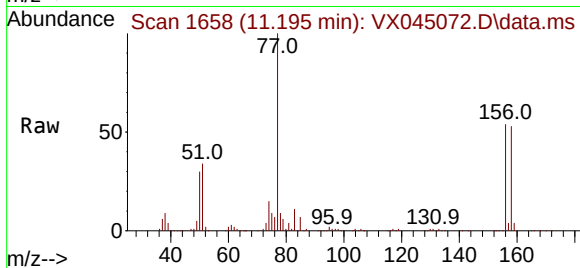
Tgt Ion:156 Resp: 125700

Ion Ratio Lower Upper

156 100

77 177.3 85.8 257.4

158 95.9 48.4 145.2



#78

n-propylbenzene

Concen: 100.758 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX045072.D

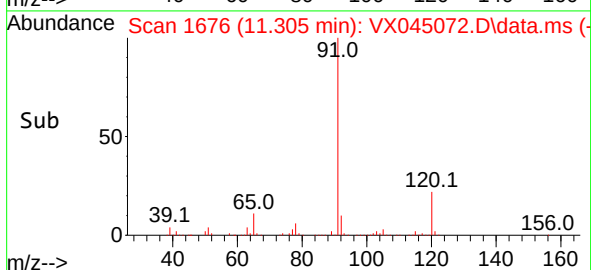
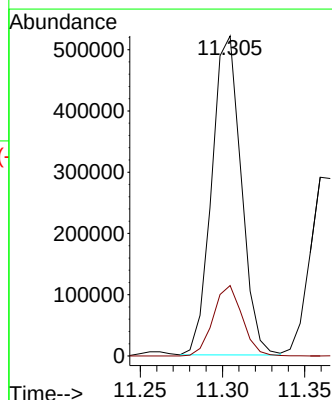
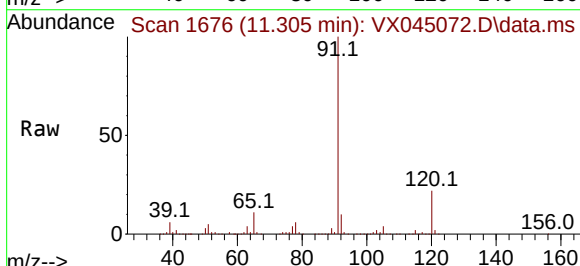
Acq: 28 Feb 2025 03:23

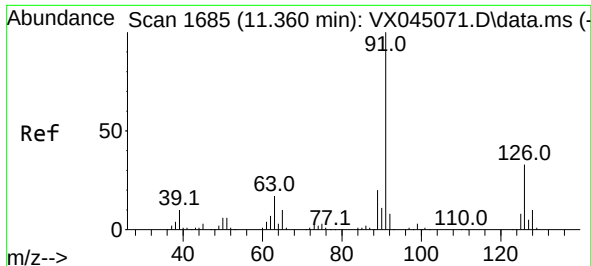
Tgt Ion: 91 Resp: 648835

Ion Ratio Lower Upper

91 100

120 21.8 11.2 33.6

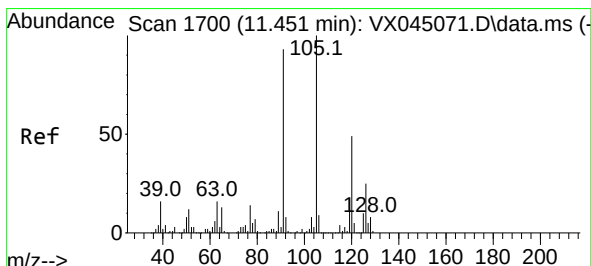
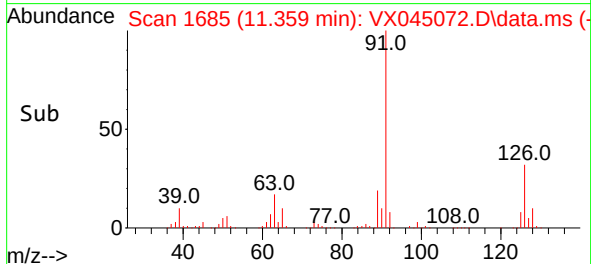
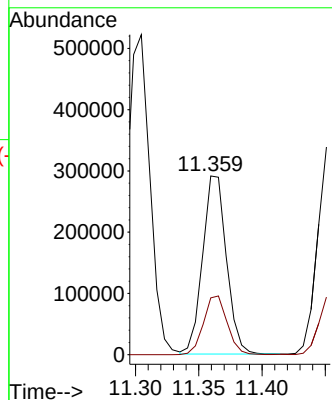
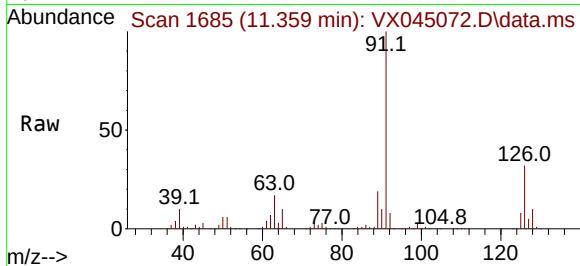




#79  
2-Chlorotoluene  
Concen: 96.825 ug/l  
RT: 11.359 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

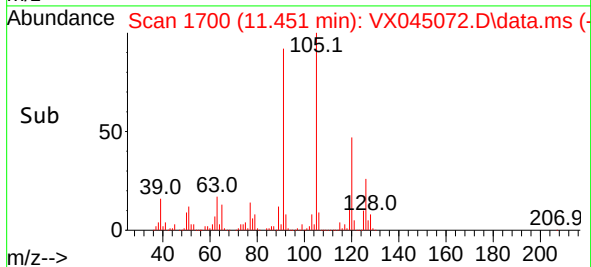
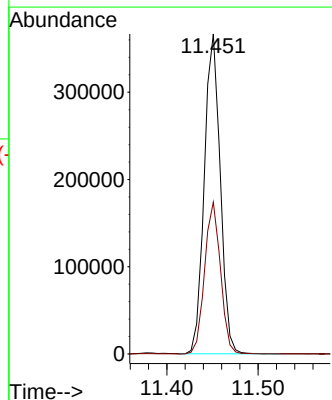
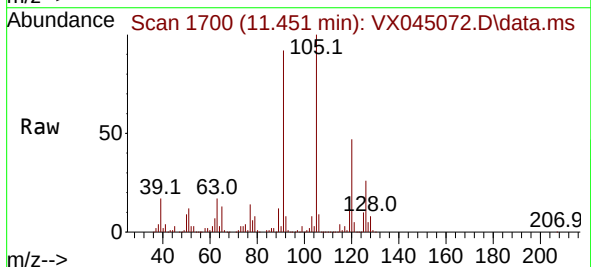
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

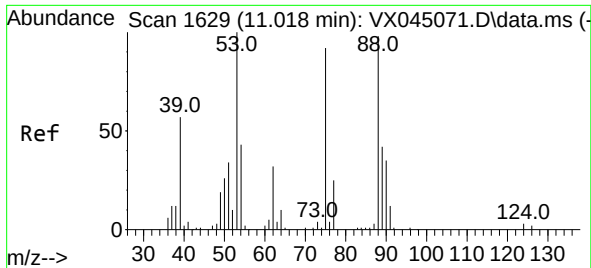
Tgt Ion: 91 Resp: 382703  
Ion Ratio Lower Upper  
91 100  
126 32.7 16.4 49.4



#80  
1,3,5-Trimethylbenzene  
Concen: 98.356 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 105 Resp: 445466  
Ion Ratio Lower Upper  
105 100  
120 47.1 24.1 72.2

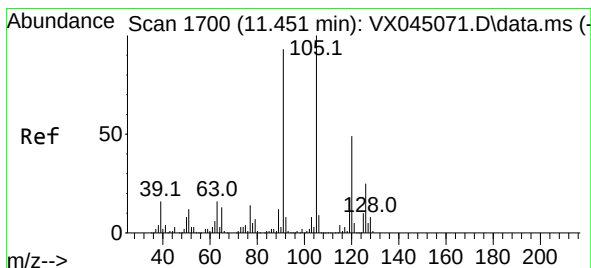
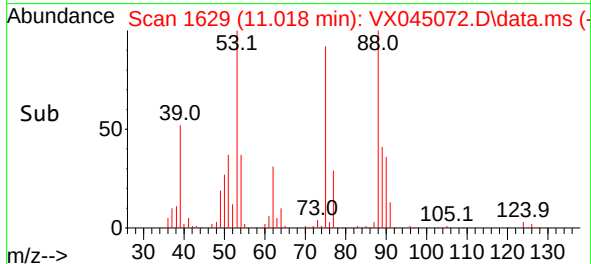
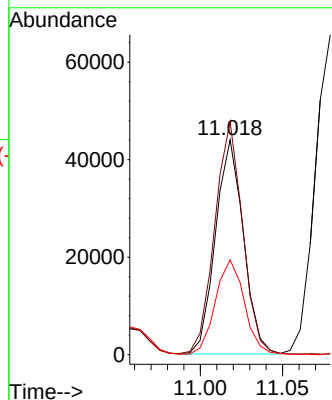
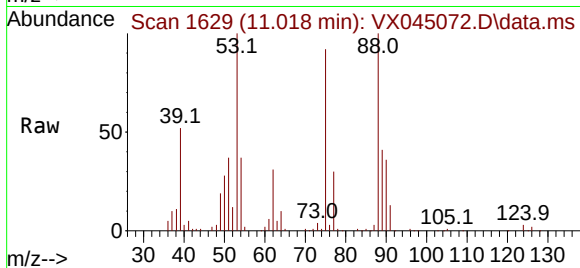




#81  
trans-1,4-Dichloro-2-butene  
Concen: 91.460 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

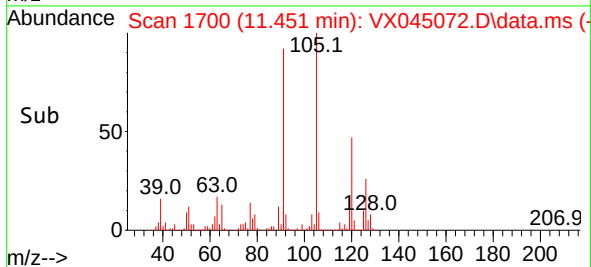
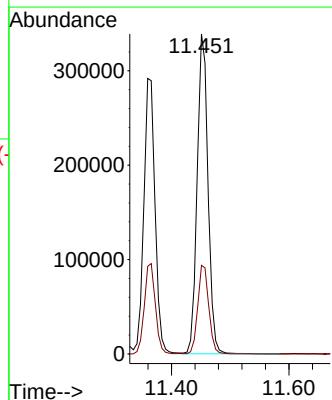
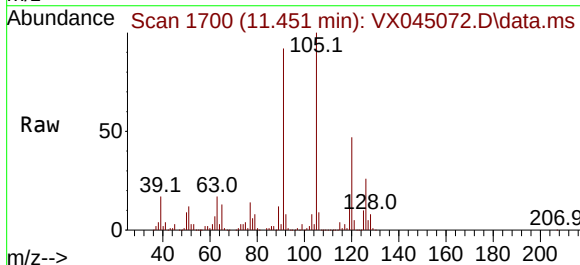
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

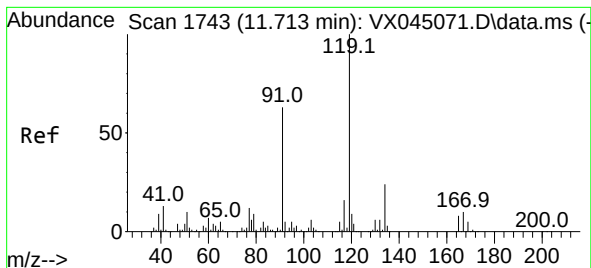
Tgt Ion: 75 Resp: 51975  
Ion Ratio Lower Upper  
75 100  
53 109.9 88.5 132.7  
89 45.7 36.2 54.4



#82  
4-Chlorotoluene  
Concen: 99.168 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion: 91 Resp: 433881  
Ion Ratio Lower Upper  
91 100  
126 28.2 14.1 42.4





#83

tert-Butylbenzene

Concen: 99.288 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

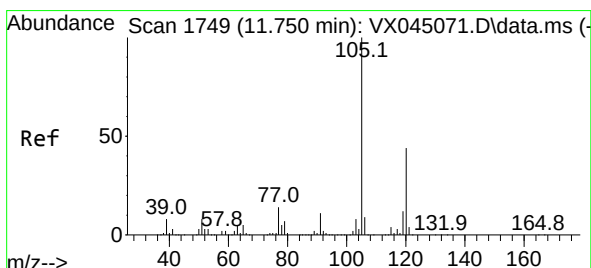
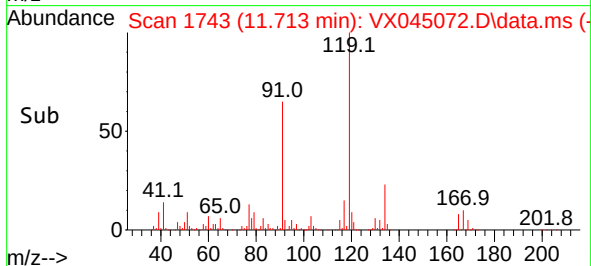
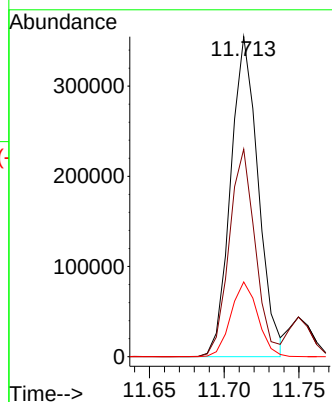
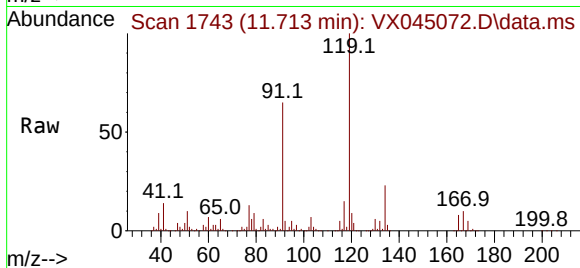
Tgt Ion:119 Resp: 454859

Ion Ratio Lower Upper

119 100

91 61.7 30.7 92.1

134 22.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 100.926 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045072.D

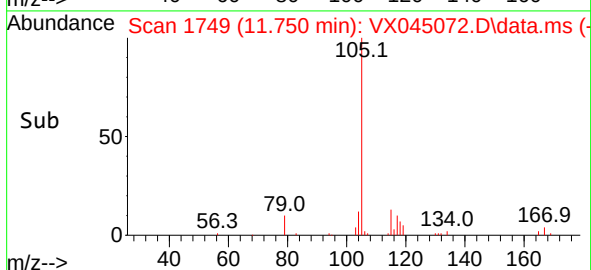
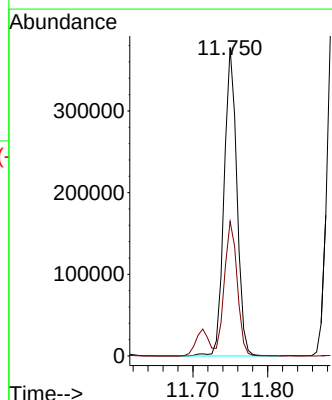
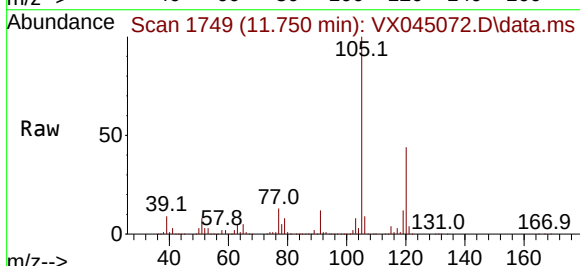
Acq: 28 Feb 2025 03:23

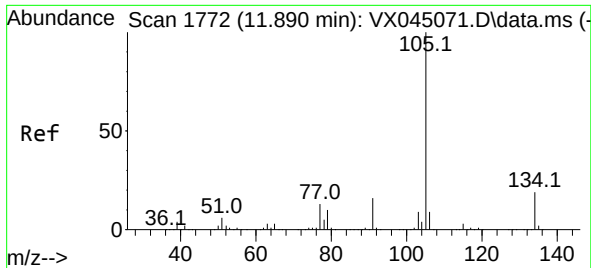
Tgt Ion:105 Resp: 450108

Ion Ratio Lower Upper

105 100

120 43.4 22.1 66.1

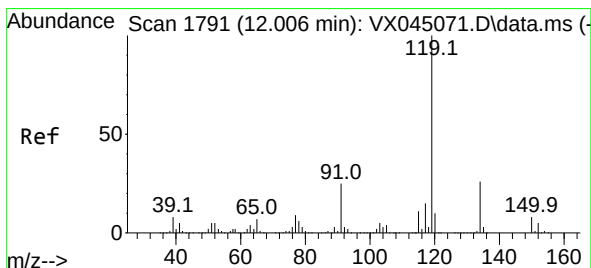
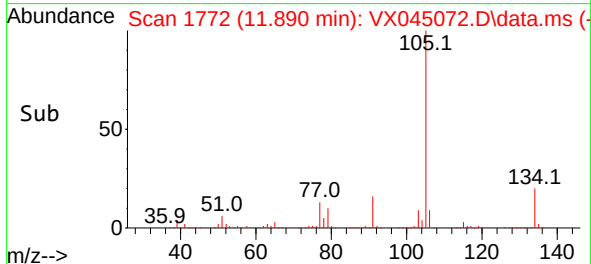
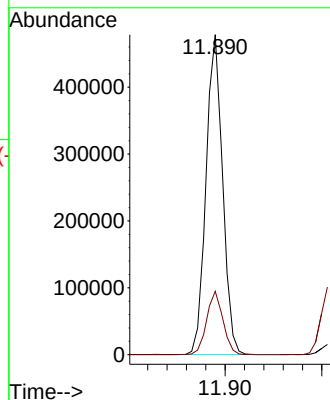
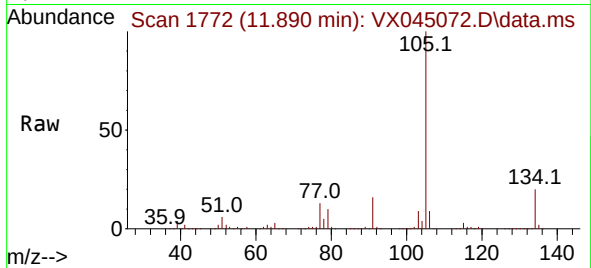




#85  
 sec-Butylbenzene  
 Concen: 100.517 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

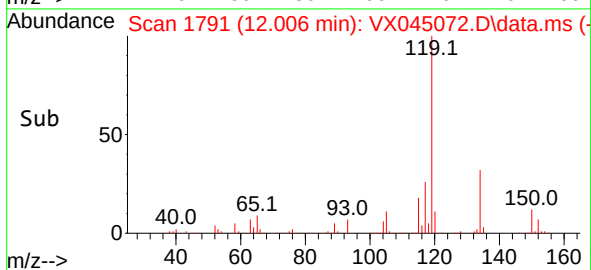
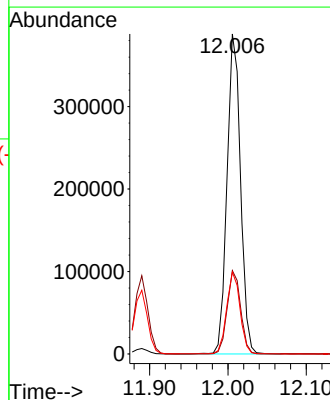
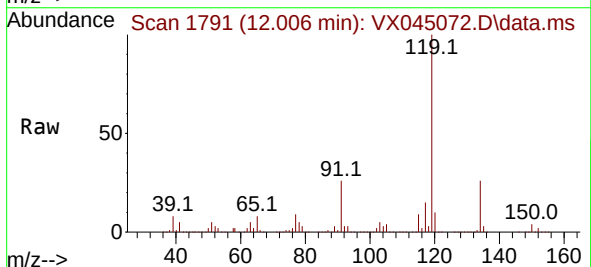
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

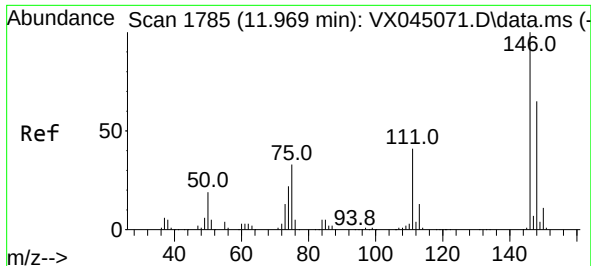
Tgt Ion:105 Resp: 570006  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 102.252 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

Tgt Ion:119 Resp: 465512  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.9 38.6  
 91 25.3 12.7 38.0

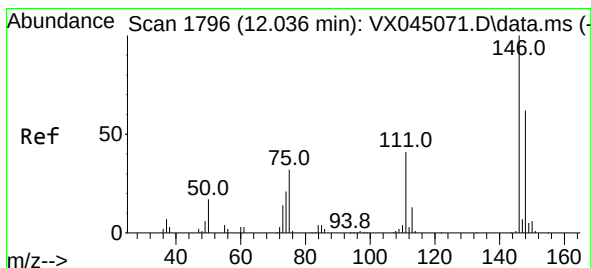
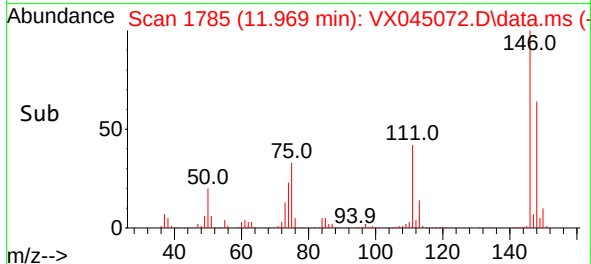
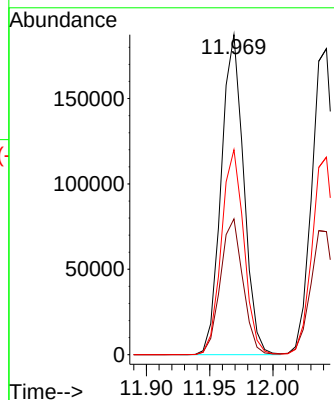
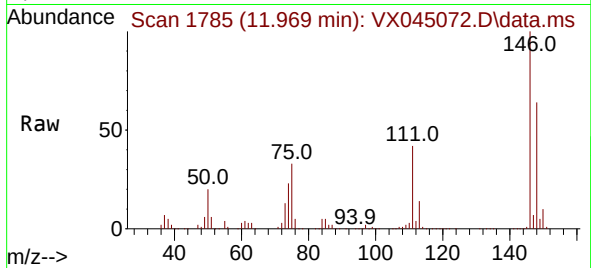




#87  
1,3-Dichlorobenzene  
Concen: 99.903 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

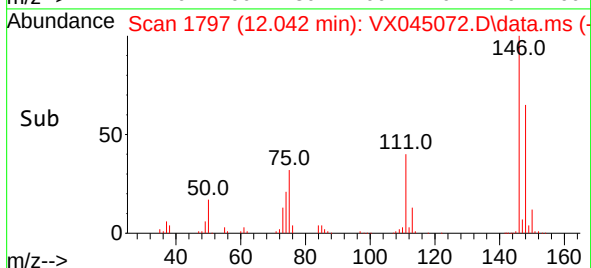
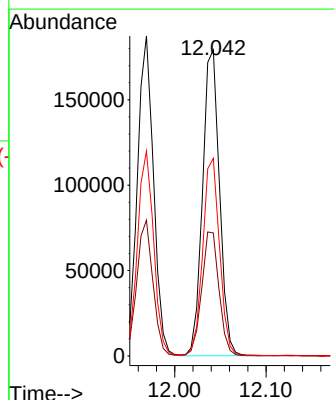
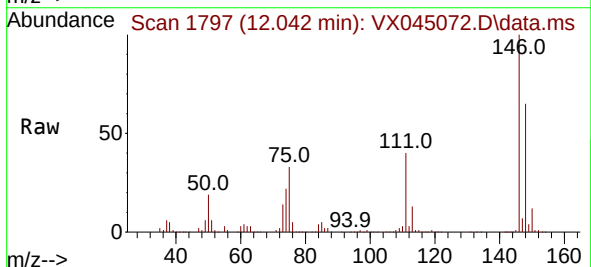
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion:146 Resp: 231440  
Ion Ratio Lower Upper  
146 100  
111 42.6 21.1 63.4  
148 64.1 31.9 95.7

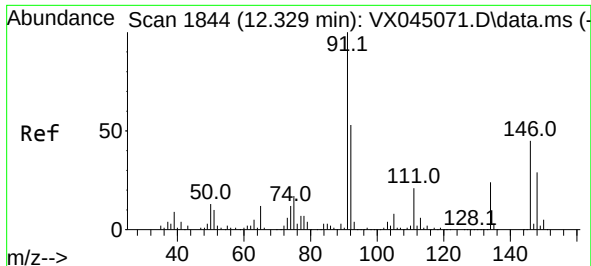


#88  
1,4-Dichlorobenzene  
Concen: 98.355 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.006 min  
Lab File: VX045072.D  
Acq: 28 Feb 2025 03:23

Tgt Ion:146 Resp: 230663  
Ion Ratio Lower Upper  
146 100  
111 41.5 20.2 60.5  
148 63.9 31.9 95.9







#89

n-Butylbenzene

Concen: 107.000 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

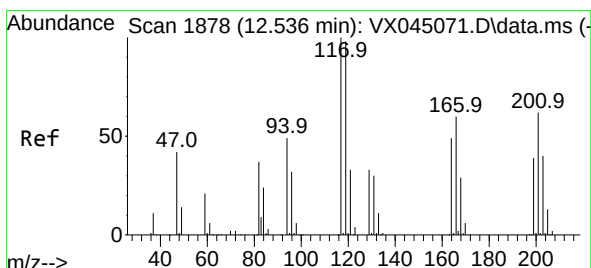
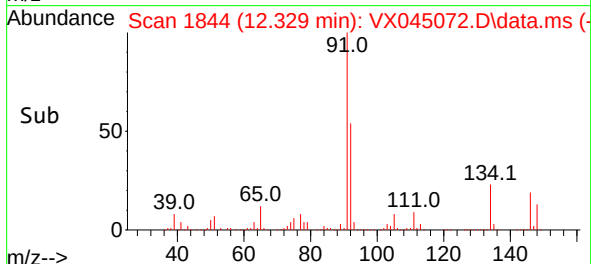
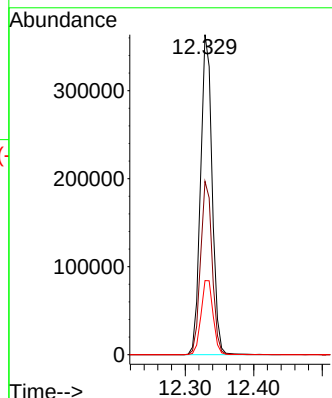
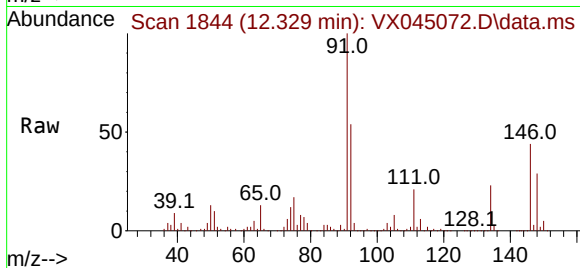
Tgt Ion: 91 Resp: 428209

Ion Ratio Lower Upper

91 100

92 54.4 26.7 80.0

134 24.2 12.2 36.6



#90

Hexachloroethane

Concen: 102.980 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045072.D

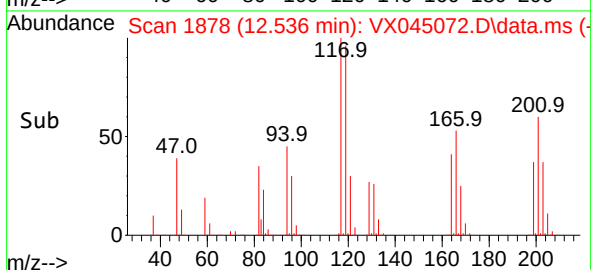
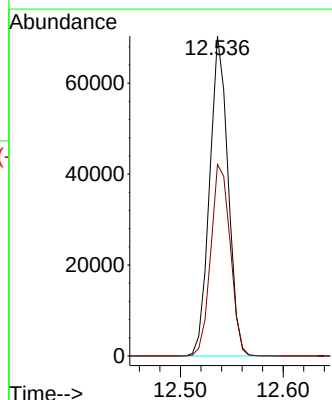
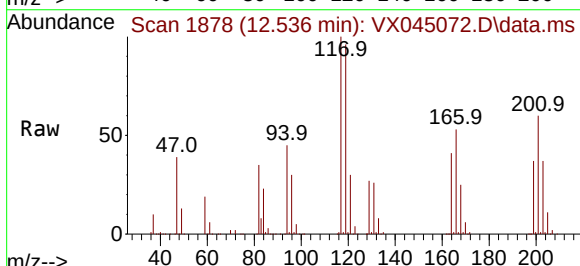
Acq: 28 Feb 2025 03:23

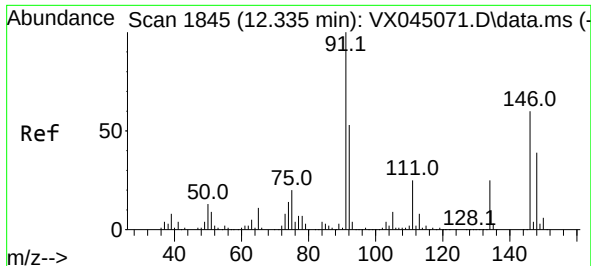
Tgt Ion: 117 Resp: 87448

Ion Ratio Lower Upper

117 100

201 63.4 31.9 95.9

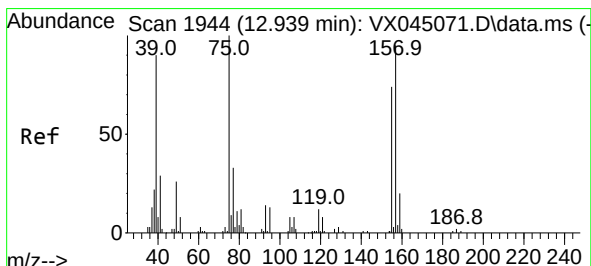
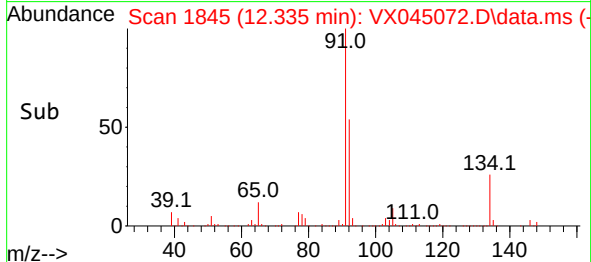
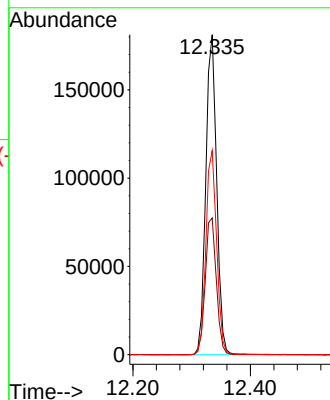
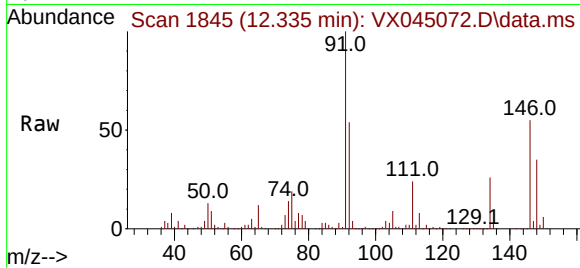




#91  
 1,2-Dichlorobenzene  
 Concen: 102.254 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

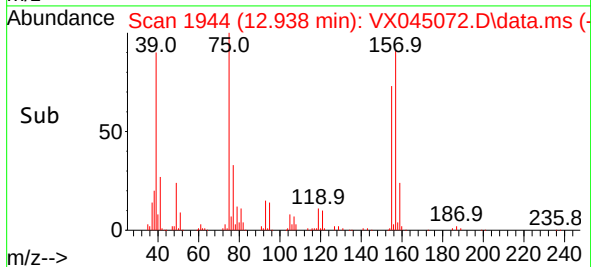
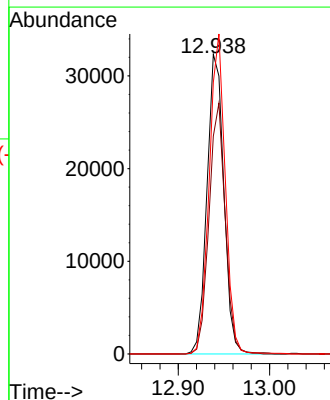
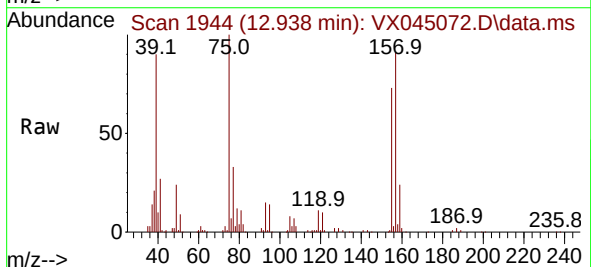
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

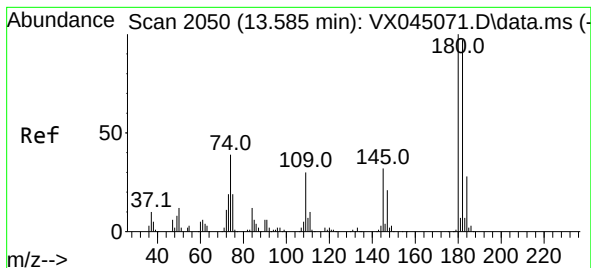
Tgt Ion:146 Resp: 233125  
 Ion Ratio Lower Upper  
 146 100  
 111 43.7 21.6 65.0  
 148 63.2 31.9 95.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 116.296 ug/l  
 RT: 12.938 min Scan# 1944  
 Delta R.T. -0.000 min  
 Lab File: VX045072.D  
 Acq: 28 Feb 2025 03:23

Tgt Ion: 75 Resp: 41402  
 Ion Ratio Lower Upper  
 75 100  
 155 80.6 39.6 118.7  
 157 101.8 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 107.648 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

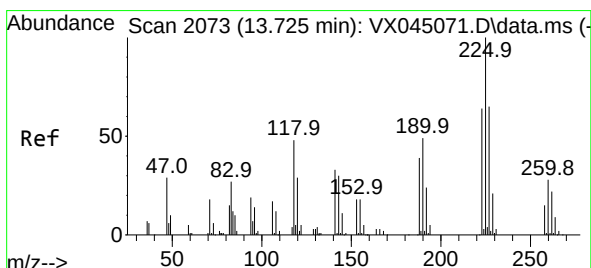
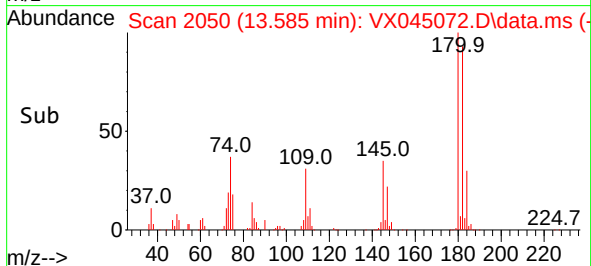
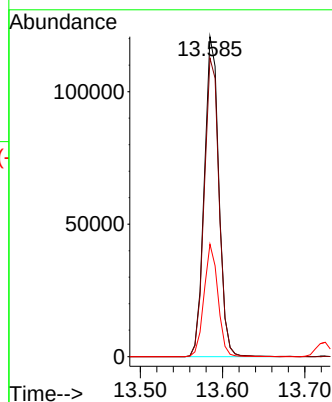
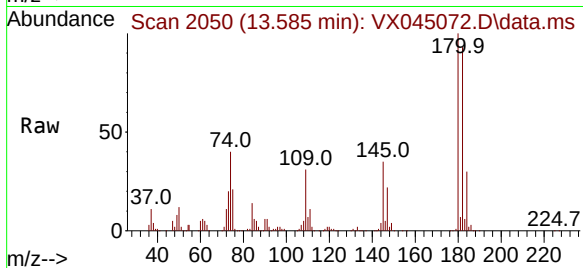
Tgt Ion:180 Resp: 148368

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 33.6 16.3 48.9



#94

Hexachlorobutadiene

Concen: 102.019 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

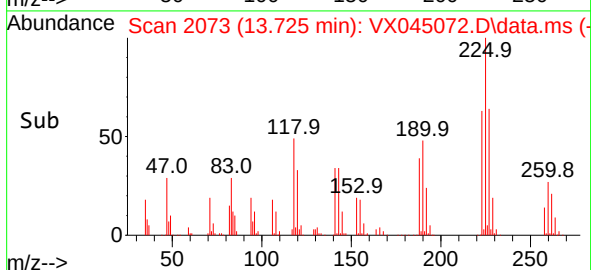
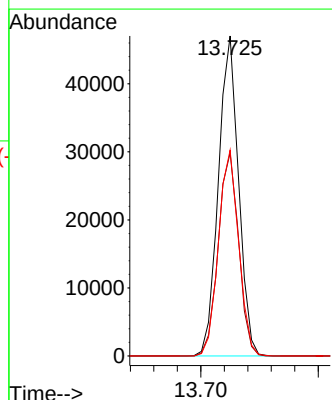
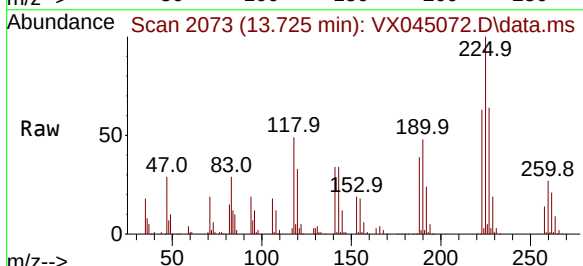
Tgt Ion:225 Resp: 56065

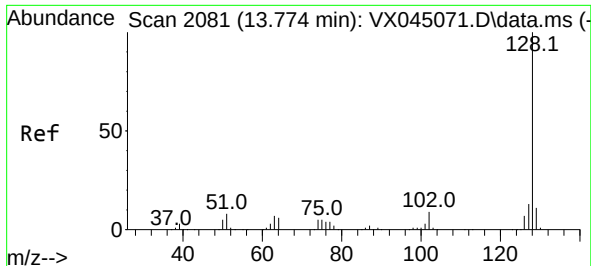
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.7

227 64.4 31.4 94.0





#95

Naphthalene

Concen: 112.593 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

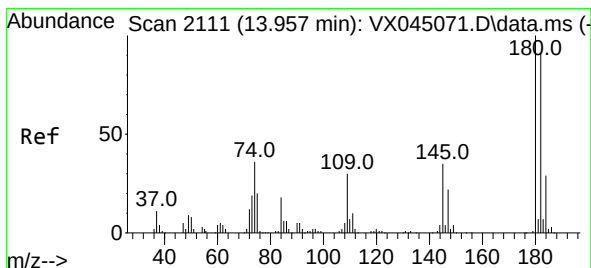
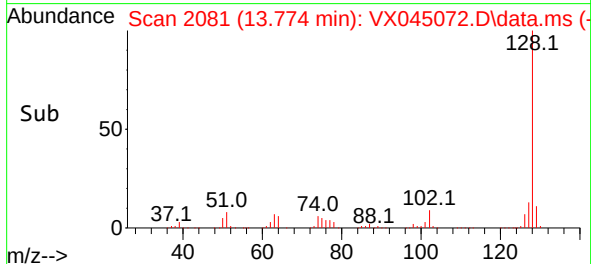
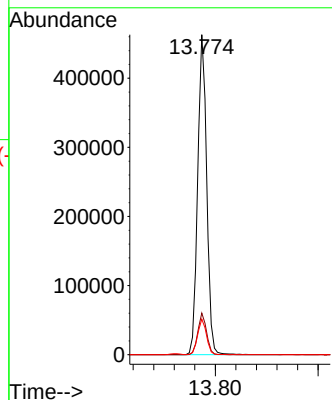
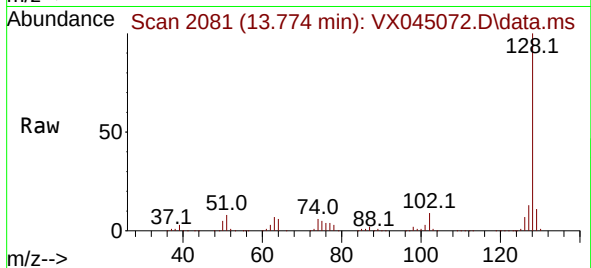
Tgt Ion:128 Resp: 565250

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 109.554 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Tgt Ion:180 Resp: 152970

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.6

145 34.5 17.0 50.9

