

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120424\  
 Data File : VX044113.D  
 Acq On : 04 Dec 2024 13:47  
 Operator : JC/MD  
 Sample : VX1204WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 05 00:24:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 115232   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 206872   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 178913   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 82606    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 109370   | 55.337   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =     | 110.680% |
| 35) Dibromofluoromethane     | 5.379  | 113   | 78130    | 52.855   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 105.700% |
| 50) Toluene-d8               | 8.647  | 98    | 264584   | 51.925   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =     | 103.840% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 94839    | 54.689   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =     | 109.380% |
| Target Compounds             |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 25006    | 17.130   | ug/l  | 96       |
| 3) Chloromethane             | 1.295  | 50    | 28015    | 18.237   | ug/l  | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 30025    | 18.376   | ug/l  | 98       |
| 5) Bromomethane              | 1.593  | 94    | 20901    | 20.794   | ug/l  | 91       |
| 6) Chloroethane              | 1.666  | 64    | 22200    | 22.298   | ug/l  | 98       |
| 7) Trichlorofluoromethane    | 1.868  | 101   | 62867    | 21.521   | ug/l  | 98       |
| 8) Diethyl Ether             | 2.130  | 74    | 21320    | 20.024   | ug/l  | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 27651    | 19.844   | ug/l  | 97       |
| 10) Methyl Iodide            | 2.441  | 142   | 34180    | 19.640   | ug/l  | 97       |
| 11) Tert butyl alcohol       | 2.989  | 59    | 31200    | 98.350   | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 2.307  | 96    | 25268    | 19.030   | ug/l  | 94       |
| 13) Acrolein                 | 2.233  | 56    | 35628    | 106.550  | ug/l  | 100      |
| 14) Allyl chloride           | 2.654  | 41    | 43798    | 20.187   | ug/l  | 95       |
| 15) Acrylonitrile            | 3.062  | 53    | 82880    | 107.208  | ug/l  | 98       |
| 16) Acetone                  | 2.386  | 43    | 89251    | 98.320   | ug/l  | 98       |
| 17) Carbon Disulfide         | 2.502  | 76    | 43591    | 15.915   | ug/l  | 100      |
| 18) Methyl Acetate           | 2.703  | 43    | 45440    | 21.495   | ug/l  | 99       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 105263   | 21.833   | ug/l  | 98       |
| 20) Methylene Chloride       | 2.782  | 84    | 29827    | 19.362   | ug/l  | 97       |
| 21) trans-1,2-Dichloroethene | 3.081  | 96    | 26768    | 19.526   | ug/l  | 96       |
| 22) Diisopropyl ether        | 3.764  | 45    | 99038    | 21.347   | ug/l  | 97       |
| 23) Vinyl Acetate            | 3.715  | 43    | 430660   | 108.514  | ug/l  | 99       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 56025    | 20.933   | ug/l  | 99       |
| 25) 2-Butanone               | 4.562  | 43    | 124283   | 106.108  | ug/l  | 94       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 47919    | 19.825   | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 4.477  | 96    | 33834    | 19.966   | ug/l  | 96       |
| 28) Bromochloromethane       | 4.891  | 49    | 23731    | 20.144   | ug/l  | 100      |
| 29) Tetrahydrofuran          | 5.013  | 42    | 76368    | 106.351  | ug/l  | 99       |
| 30) Chloroform               | 5.080  | 83    | 61163    | 21.248   | ug/l  | 95       |
| 31) Cyclohexane              | 5.464  | 56    | 43850    | 19.907   | ug/l  | 95       |
| 32) 1,1,1-Trichloroethane    | 5.373  | 97    | 53283    | 21.465   | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 5.684  | 75    | 37571    | 20.397   | ug/l  | 99       |
| 37) Ethyl Acetate            | 4.715  | 43    | 48962    | 21.413   | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 5.666  | 117   | 40966    | 19.793   | ug/l  | 97       |
| 39) Methylcyclohexane        | 7.373  | 83    | 49139    | 20.534   | ug/l  | 97       |
| 40) Benzene                  | 6.031  | 78    | 115508   | 20.131   | ug/l  | 96       |

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 Data File : VX044113.D  
 Acq On : 04 Dec 2024 13:47  
 Operator : JC/MD  
 Sample : VX1204WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 05 00:24:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 25107    | 21.454  | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 49334    | 21.408  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 79930    | 21.965  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 28166    | 17.341  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 30054    | 21.386  | ug/l   | 93       |
| 46) Dibromomethane            | 7.580  | 93   | 23576    | 21.208  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.818  | 83   | 40640    | 20.384  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 36691    | 21.013  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 10086    | 324.275 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 252833   | 113.855 | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 72868    | 21.218  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 41774    | 20.547  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 45471    | 20.401  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 30652    | 21.622  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 48535    | 21.980  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 52456    | 21.966  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 106301   | 87.188  | ug/l   | 97       |
| 59) 2-Hexanone                | 9.433  | 43   | 188989   | 113.228 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.519  | 129  | 27939    | 19.643  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 31398    | 21.904  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.269  | 164  | 23898    | 20.257  | ug/l   | 90       |
| 65) Chlorobenzene             | 10.080 | 112  | 80200    | 20.410  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 26343    | 20.671  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 141214   | 21.208  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 104219   | 41.972  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 51436    | 21.216  | ug/l   | 98       |
| 70) Styrene                   | 10.653 | 104  | 83419    | 20.804  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 15959    | 17.880  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 134354   | 21.159  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 64407    | 21.895  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 46598    | 21.432  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 48002    | 26.498  | ug/l   | 87       |
| 77) Bromobenzene              | 11.195 | 156  | 31362    | 20.704  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 152303   | 21.476  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 95329    | 21.258  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 114085   | 21.838  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 10671    | 16.074  | ug/l # | 77       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 107030   | 21.140  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 109435   | 21.135  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 113300   | 21.784  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 137654   | 21.698  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 112943   | 21.917  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 57583    | 20.872  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 56941    | 20.244  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.329 | 91   | 98251    | 21.625  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 15672    | 17.885  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 57283    | 20.575  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 8344     | 19.152  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 31357    | 19.104  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 13426    | 20.696  | ug/l   | 95       |
| 95) Naphthalene               | 13.774 | 128  | 128692   | 21.780  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 33682    | 20.273  | ug/l   | 96       |

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Operator : JC/MD  
Sample : VX1204WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 05 00:24:56 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration

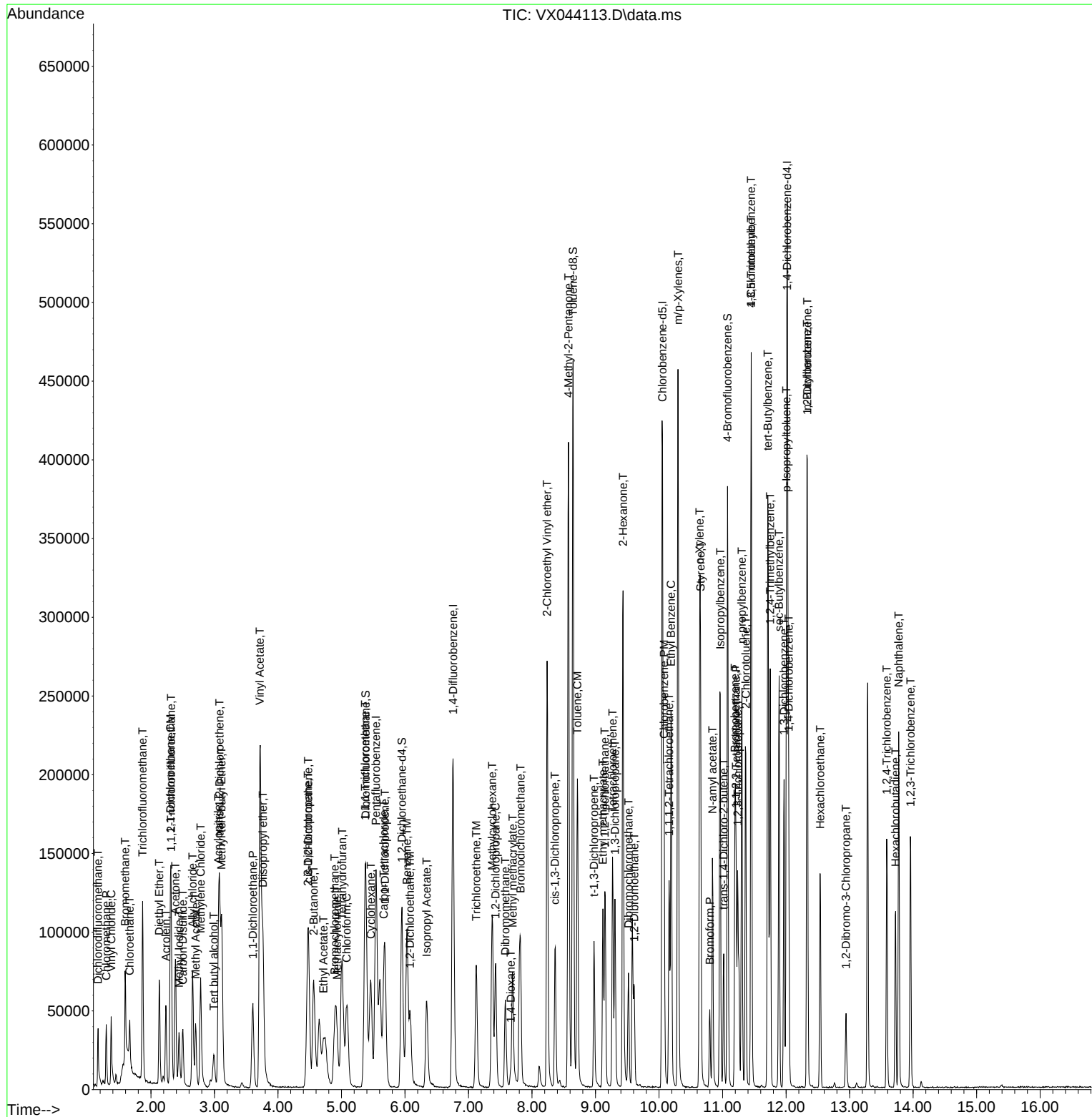
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

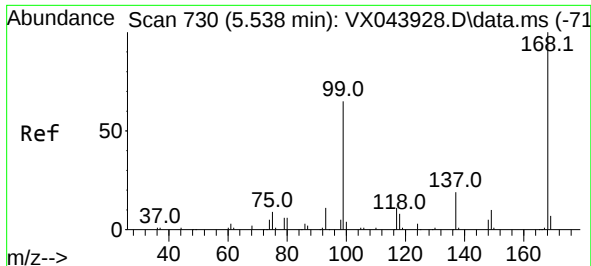
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120424\  
 Data File : VX044113.D  
 Acq On : 04 Dec 2024 13:47  
 Operator : JC/MD  
 Sample : VX1204WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 05 00:24:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
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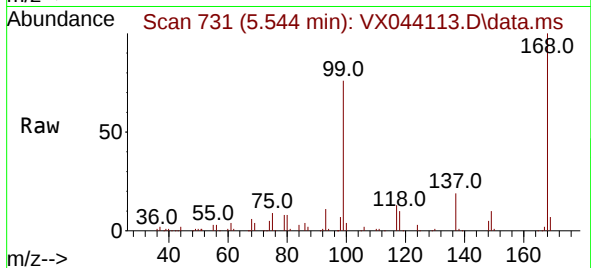


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

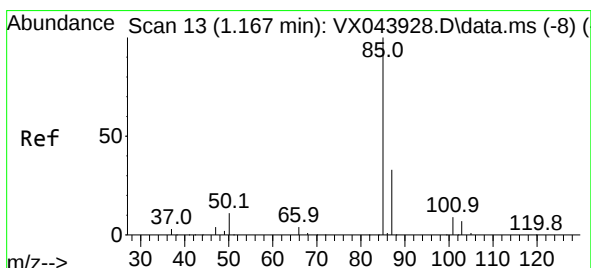
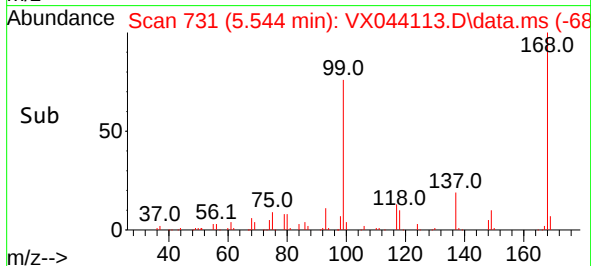
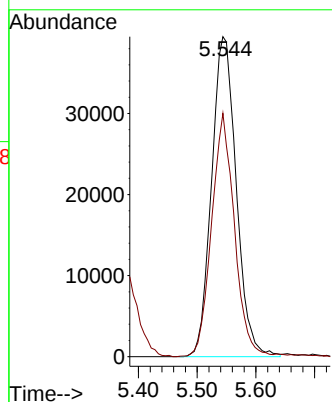
Instrument :

MSVOA\_X

ClientSampleId :

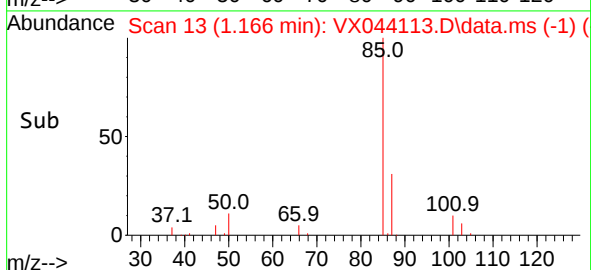
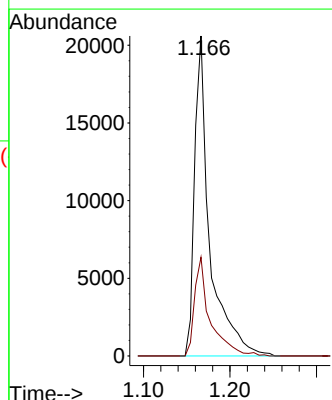
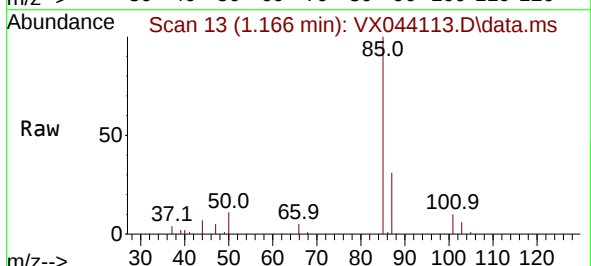


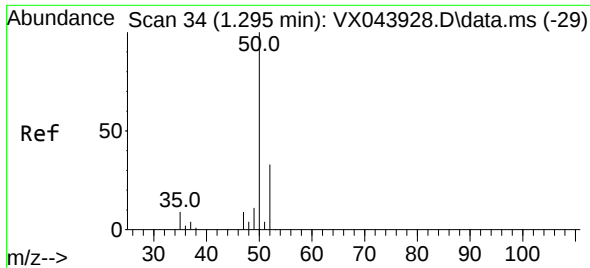
Tgt Ion:168 Resp: 115232  
Ion Ratio Lower Upper  
168 100  
99 75.9 51.8 77.8



#2  
Dichlorodifluoromethane  
Concen: 17.130 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 85 Resp: 25006  
Ion Ratio Lower Upper  
85 100  
87 30.9 16.6 49.8

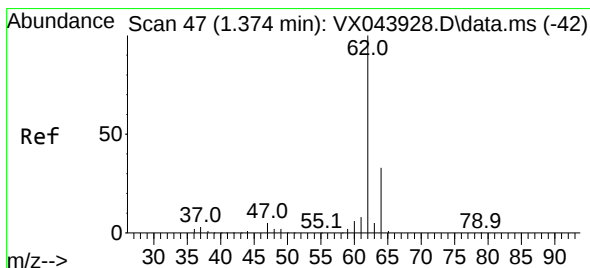
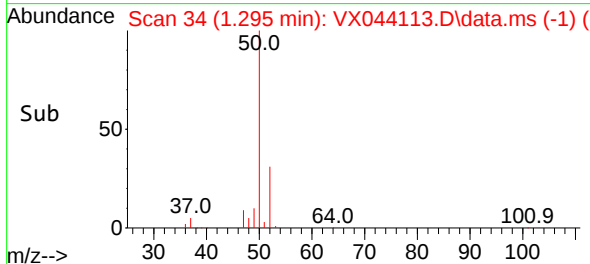
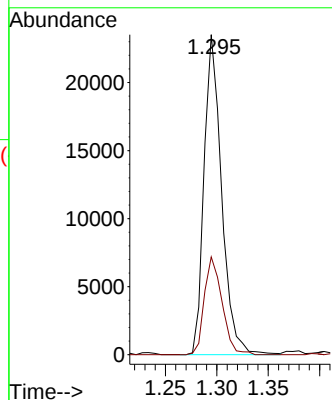
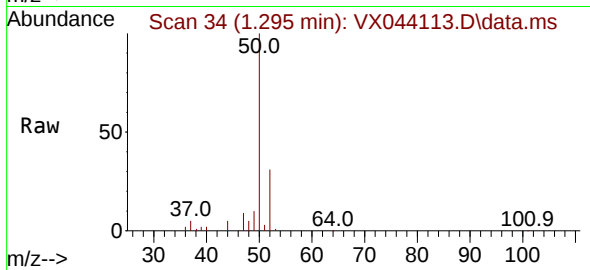




#3  
Chloromethane  
Concen: 18.237 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

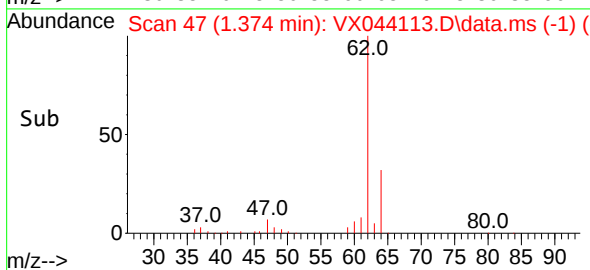
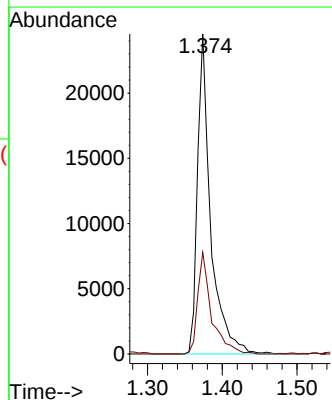
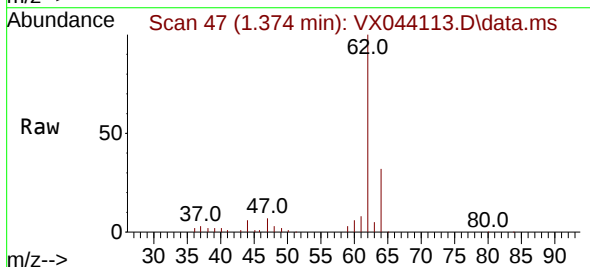
Instrument :  
MSVOA\_X  
ClientSampleId :

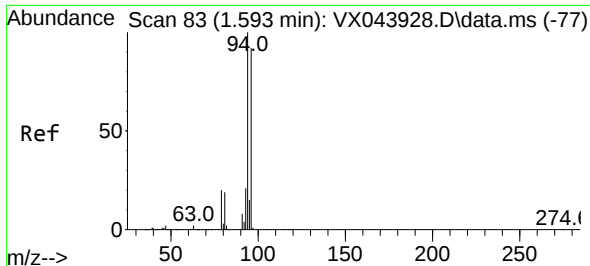
Tgt Ion: 50 Resp: 28015  
Ion Ratio Lower Upper  
50 100  
52 30.5 26.1 39.1



#4  
Vinyl Chloride  
Concen: 18.376 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 62 Resp: 30025  
Ion Ratio Lower Upper  
62 100  
64 31.8 26.2 39.4

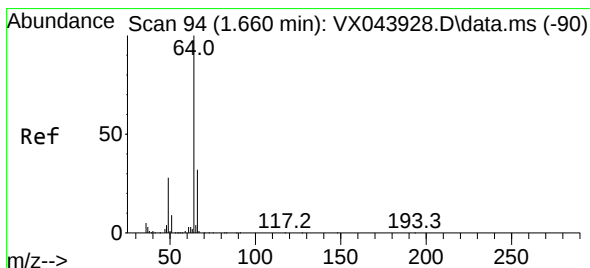
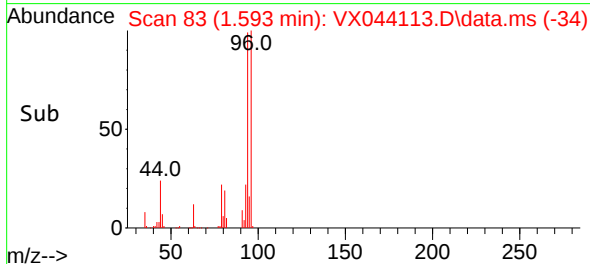
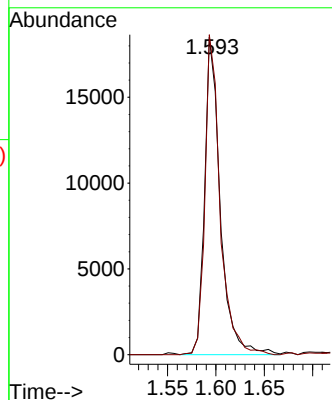
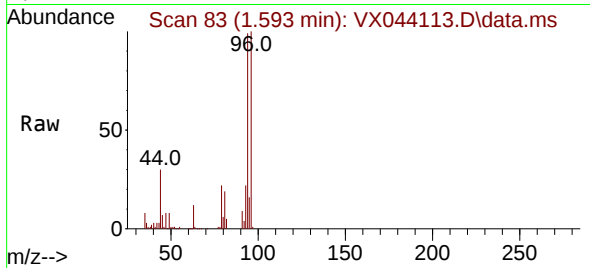




#5  
Bromomethane  
Concen: 20.794 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

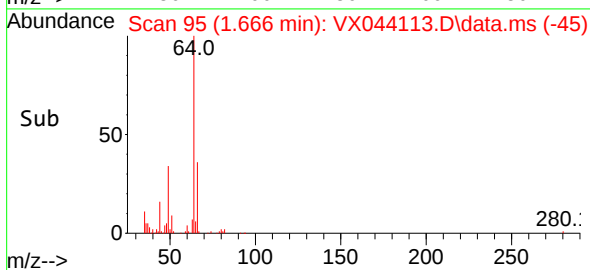
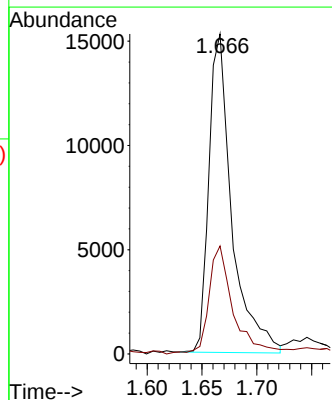
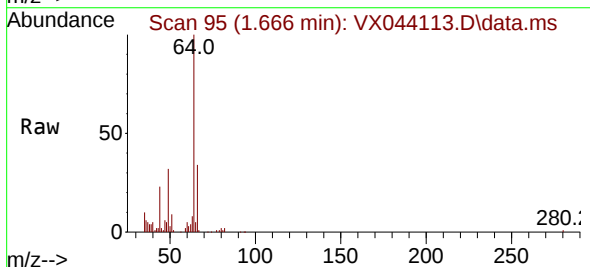
Instrument :  
MSVOA\_X  
ClientSampleId :

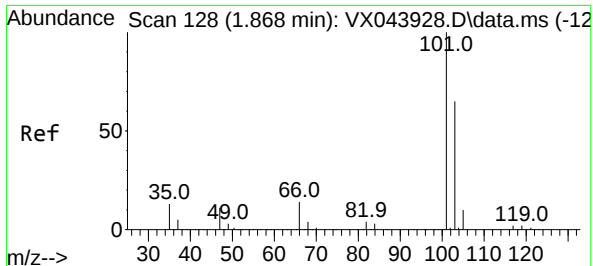
Tgt Ion: 94 Resp: 20901  
Ion Ratio Lower Upper  
94 100  
96 100.8 73.9 110.9



#6  
Chloroethane  
Concen: 22.298 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 64 Resp: 22200  
Ion Ratio Lower Upper  
64 100  
66 33.3 25.9 38.9

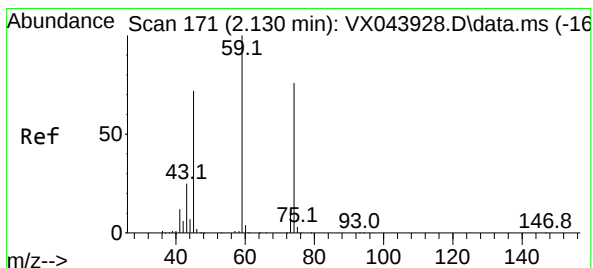
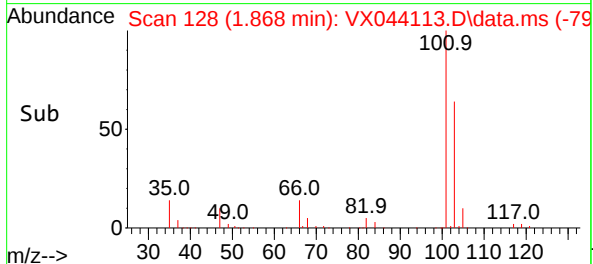
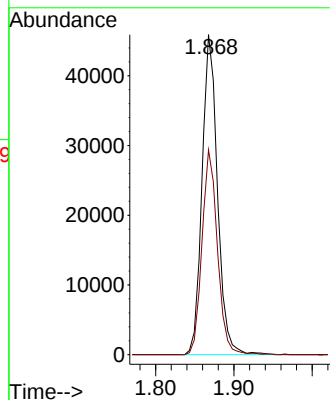
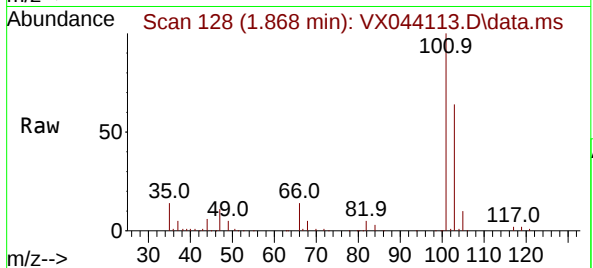




#7  
Trichlorofluoromethane  
Concen: 21.521 ug/l  
RT: 1.868 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

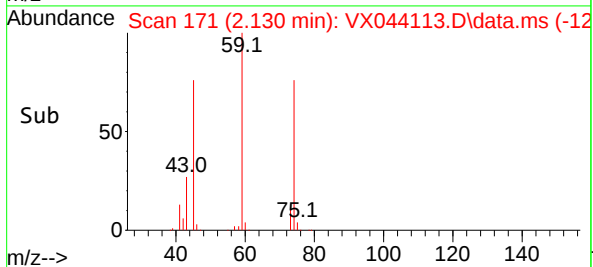
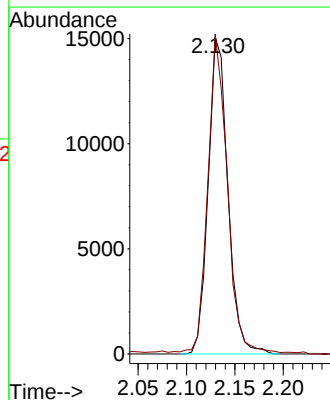
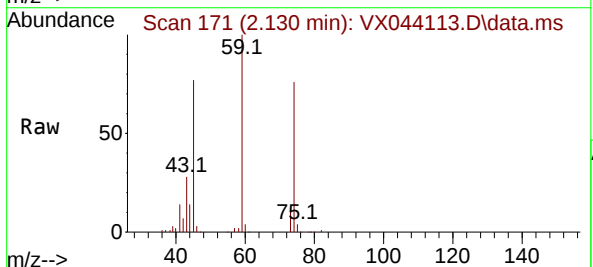
Instrument :  
MSVOA\_X  
ClientSampleId :

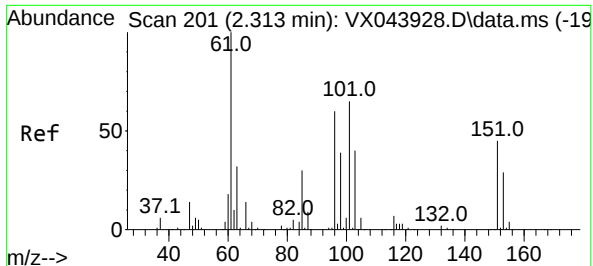
Tgt Ion:101 Resp: 62867  
Ion Ratio Lower Upper  
101 100  
103 64.0 52.2 78.2



#8  
Diethyl Ether  
Concen: 20.024 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 74 Resp: 21320  
Ion Ratio Lower Upper  
74 100  
45 98.3 47.9 143.6

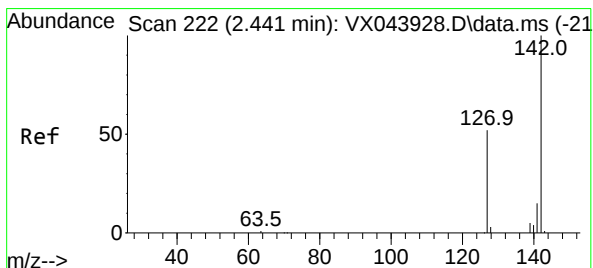
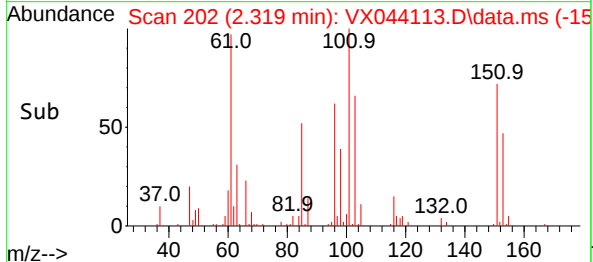
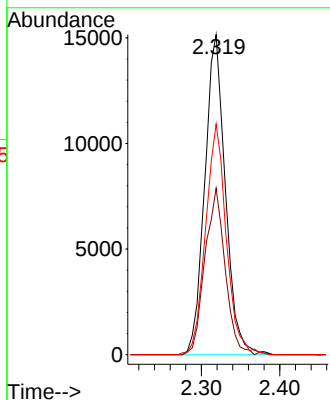
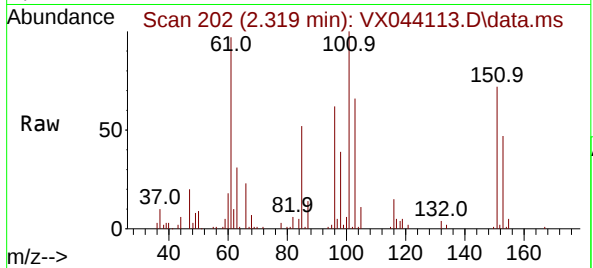




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.844 ug/l  
RT: 2.319 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

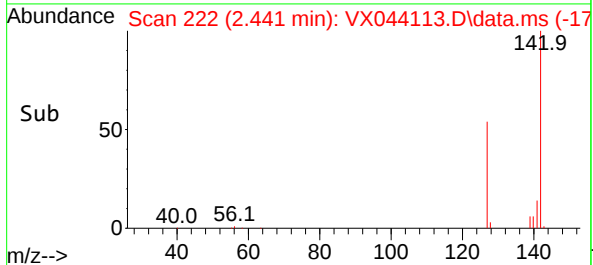
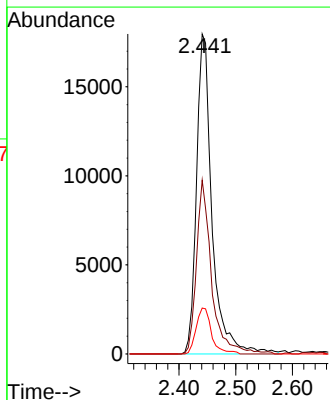
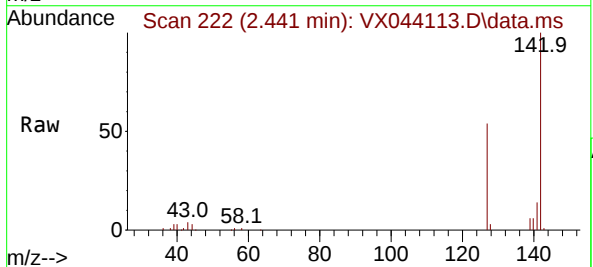
Instrument :  
MSVOA\_X  
ClientSampleId :

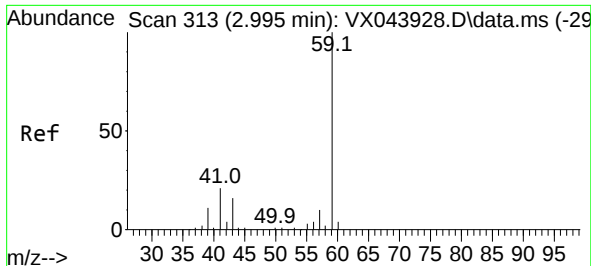
Tgt Ion:101 Resp: 27651  
Ion Ratio Lower Upper  
101 100  
85 51.3 37.9 56.9  
151 72.6 57.5 86.3



#10  
Methyl Iodide  
Concen: 19.640 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion:142 Resp: 34180  
Ion Ratio Lower Upper  
142 100  
127 53.0 40.7 61.1  
141 14.2 12.0 18.0





#11

Tert butyl alcohol

Concen: 98.350 ug/l

RT: 2.989 min Scan# 313

Delta R.T. -0.006 min

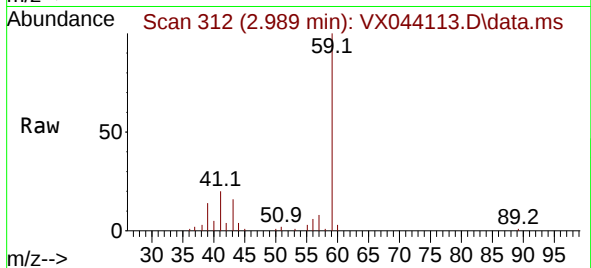
Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

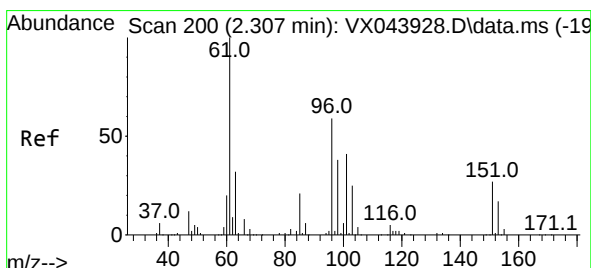
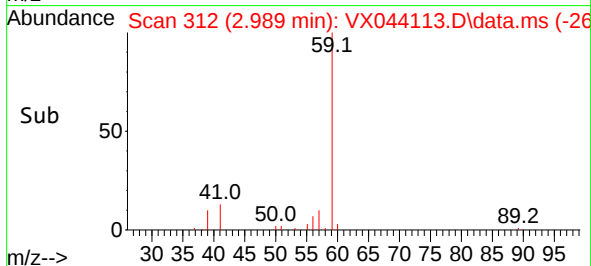
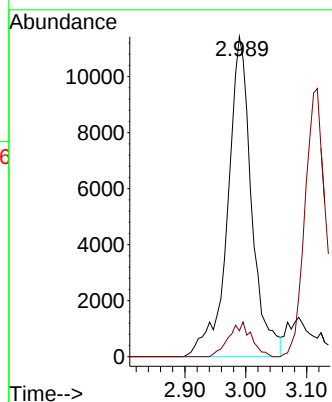


Tgt Ion: 59 Resp: 31200

Ion Ratio Lower Upper

59 100

57 10.2 7.9 11.9



#12

1,1-Dichloroethene

Concen: 19.030 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

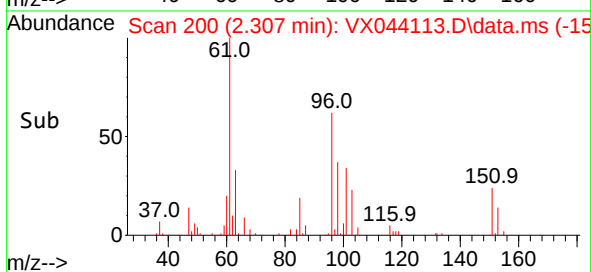
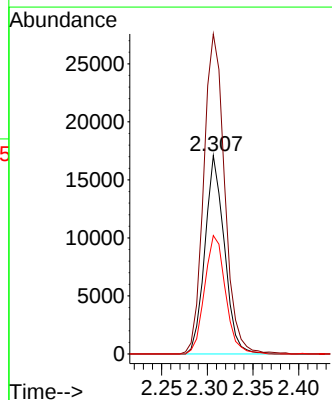
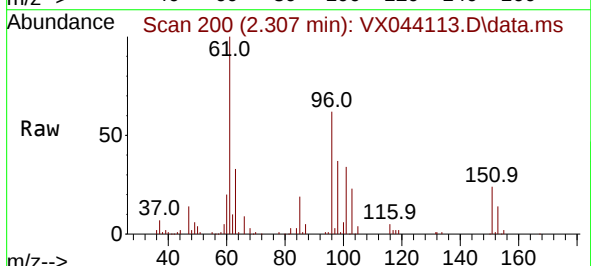
Tgt Ion: 96 Resp: 25268

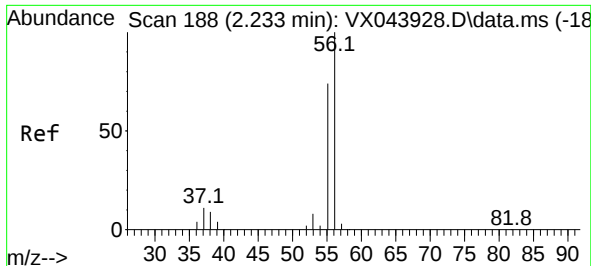
Ion Ratio Lower Upper

96 100

61 161.2 135.5 203.3

98 59.6 50.8 76.2





#13

Acrolein

Concen: 106.550 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

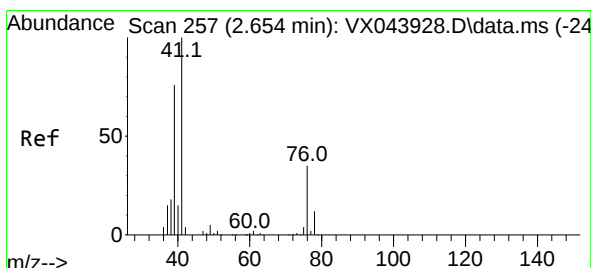
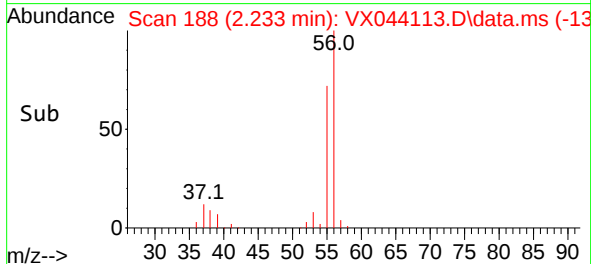
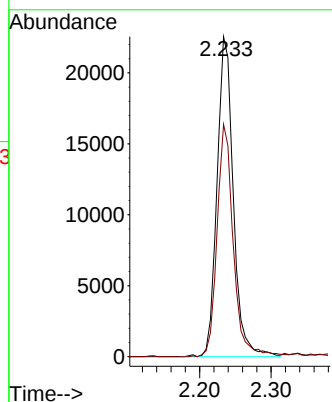
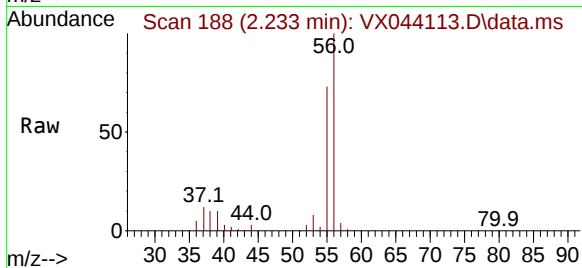
ClientSampleId :

Tgt Ion: 56 Resp: 35628

Ion Ratio Lower Upper

56 100

55 72.6 58.2 87.2



#14

Allyl chloride

Concen: 20.187 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

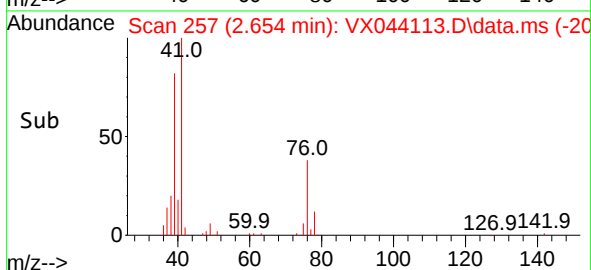
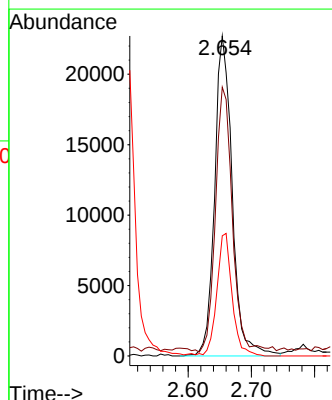
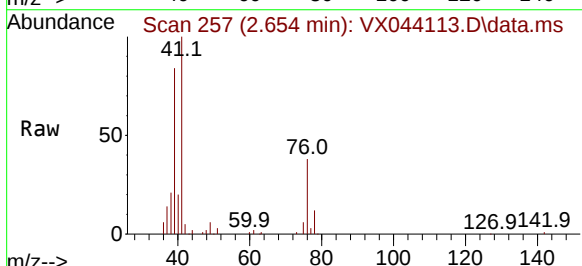
Tgt Ion: 41 Resp: 43798

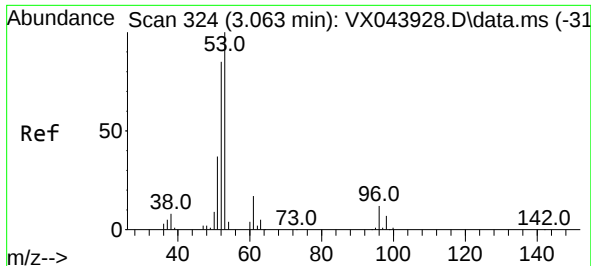
Ion Ratio Lower Upper

41 100

39 79.6 59.5 89.3

76 33.3 27.4 41.2

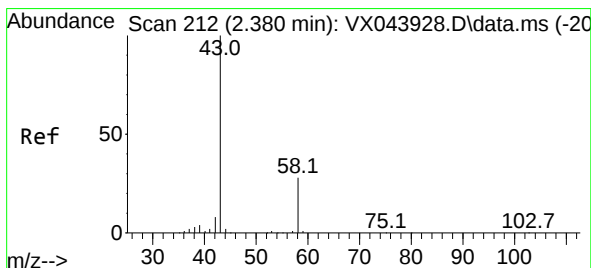
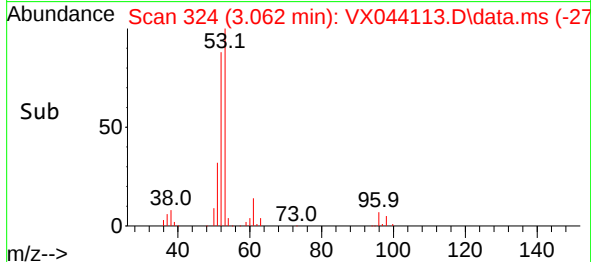
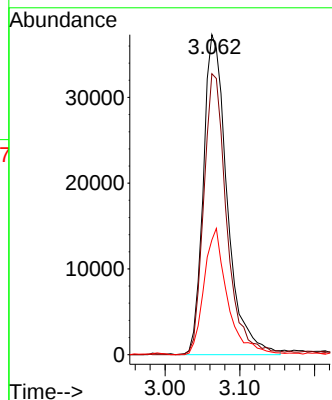
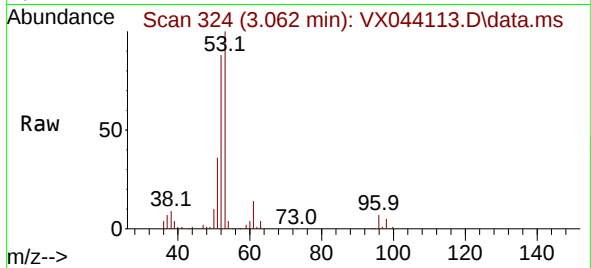




#15  
Acrylonitrile  
Concen: 107.208 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

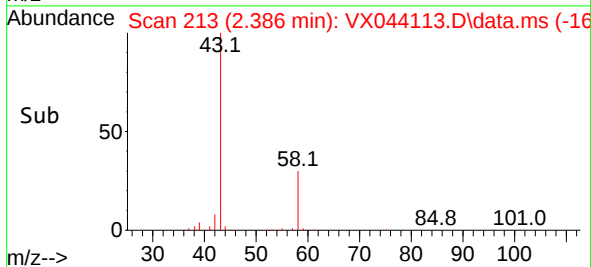
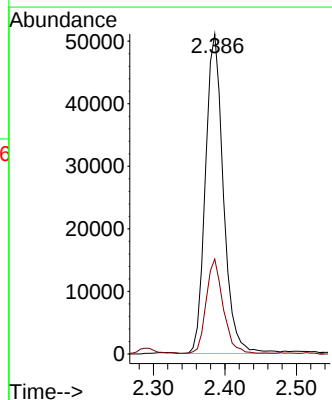
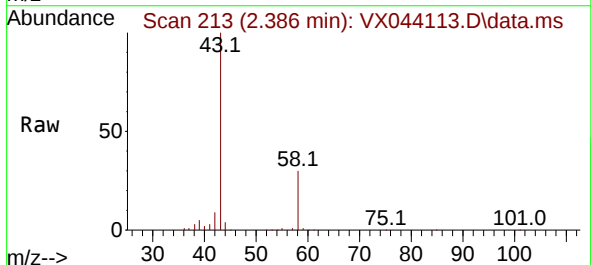
Instrument :  
MSVOA\_X  
ClientSampleId :

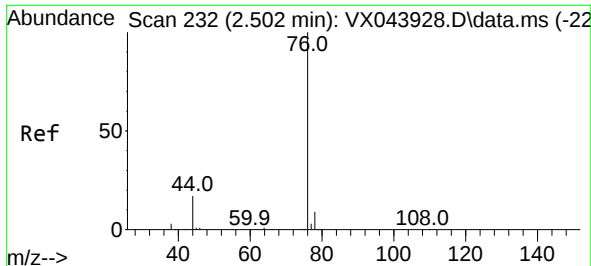
Tgt Ion: 53 Resp: 82880  
Ion Ratio Lower Upper  
53 100  
52 84.6 66.5 99.7  
51 38.9 30.2 45.4



#16  
Acetone  
Concen: 98.320 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 43 Resp: 89251  
Ion Ratio Lower Upper  
43 100  
58 29.5 22.7 34.1





#17

Carbon Disulfide

Concen: 15.915 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

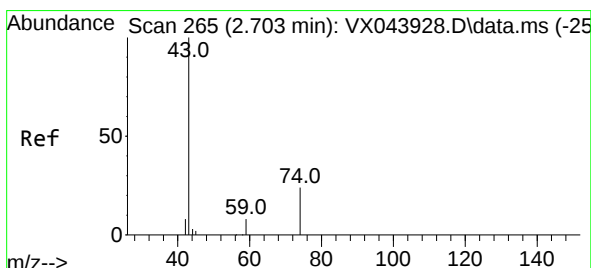
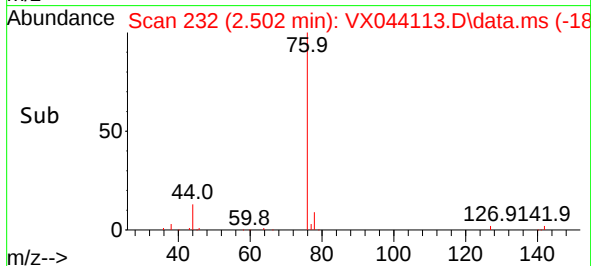
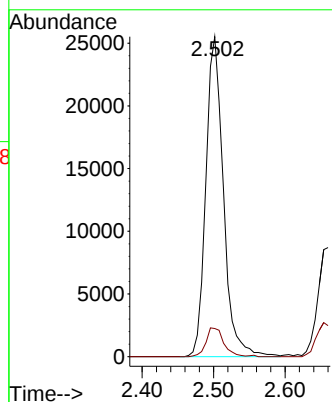
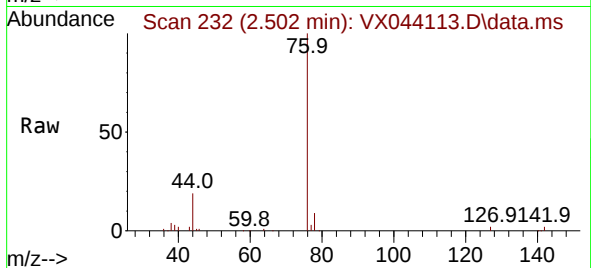
ClientSampleId :

Tgt Ion: 76 Resp: 43591

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 21.495 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX044113.D

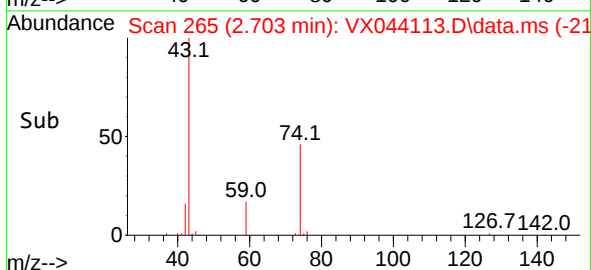
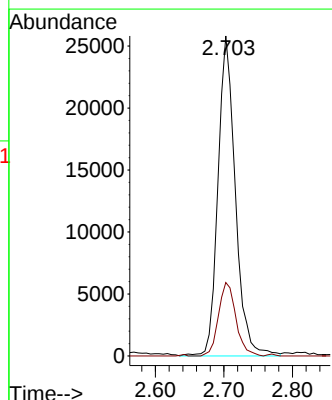
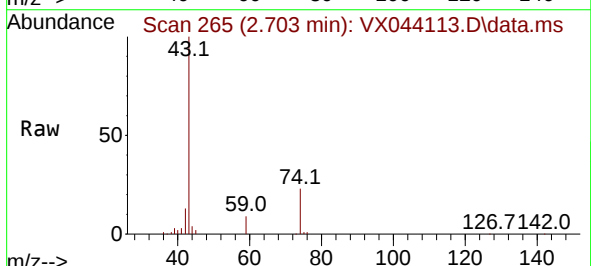
Acq: 04 Dec 2024 13:47

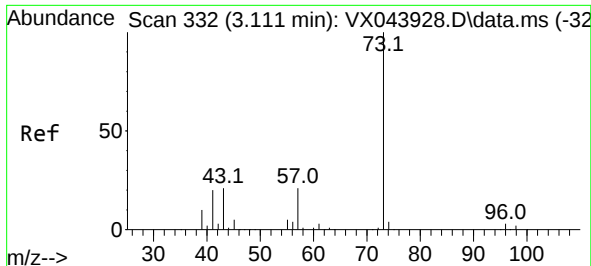
Tgt Ion: 43 Resp: 45440

Ion Ratio Lower Upper

43 100

74 23.0 18.9 28.3

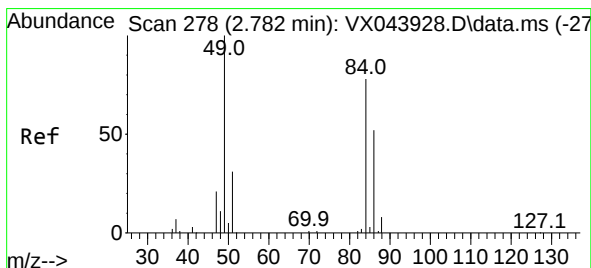
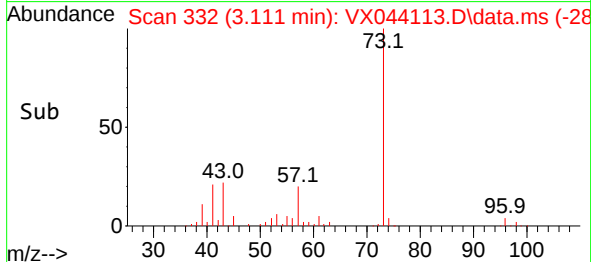
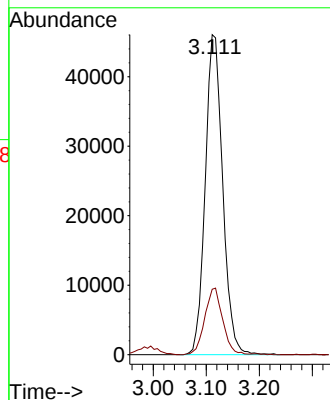
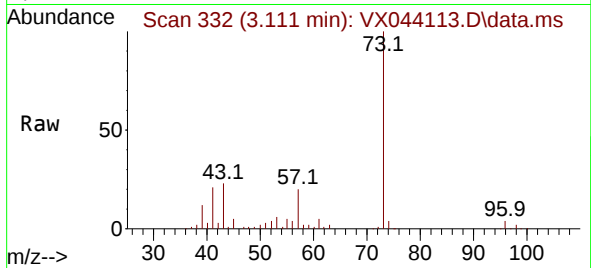




#19  
Methyl tert-butyl Ether  
Concen: 21.833 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

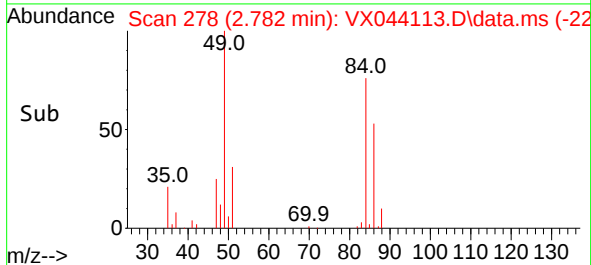
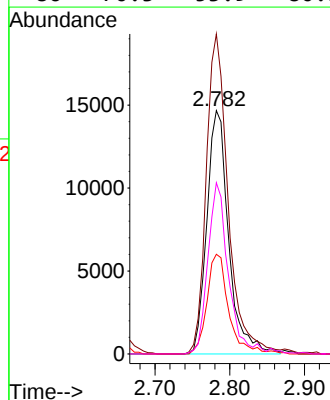
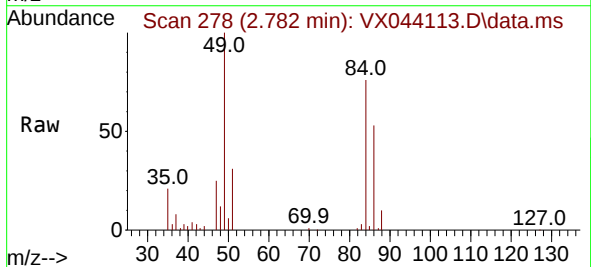
Instrument :  
MSVOA\_X  
ClientSampleId :

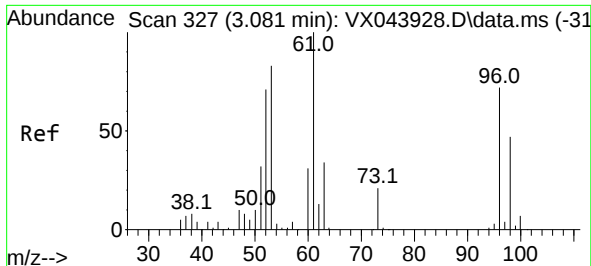
Tgt Ion: 73 Resp: 105263  
Ion Ratio Lower Upper  
73 100  
57 20.4 17.0 25.6



#20  
Methylene Chloride  
Concen: 19.362 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 84 Resp: 29827  
Ion Ratio Lower Upper  
84 100  
49 131.5 102.7 154.1  
51 40.9 31.7 47.5  
86 70.3 53.9 80.9

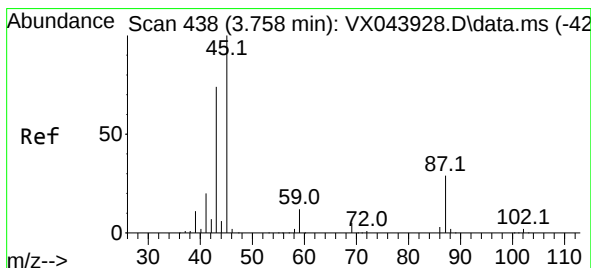
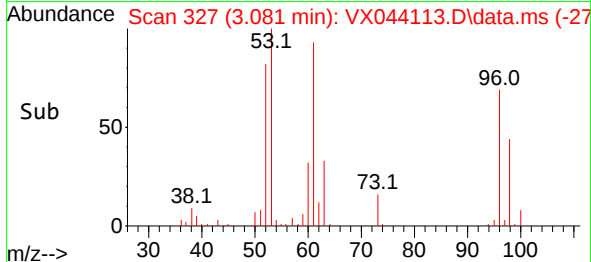
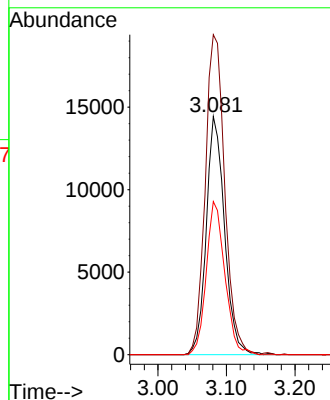
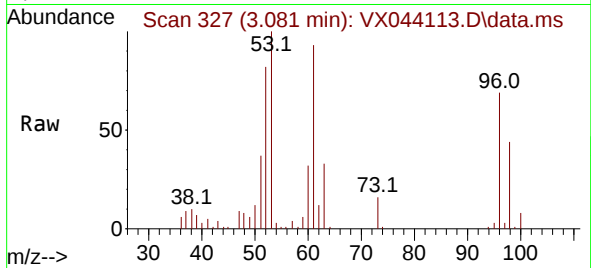




#21  
trans-1,2-Dichloroethene  
Concen: 19.526 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

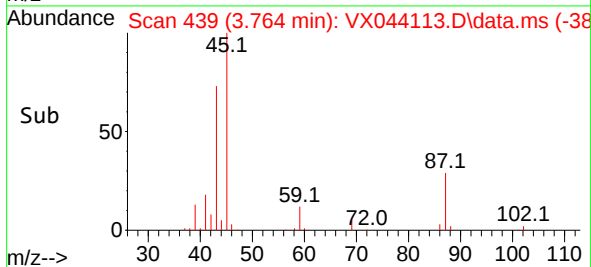
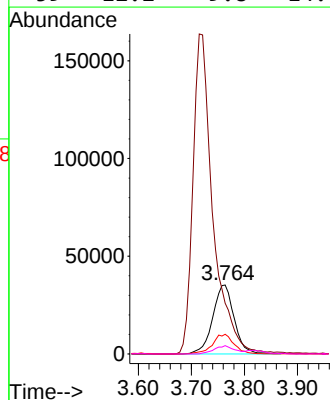
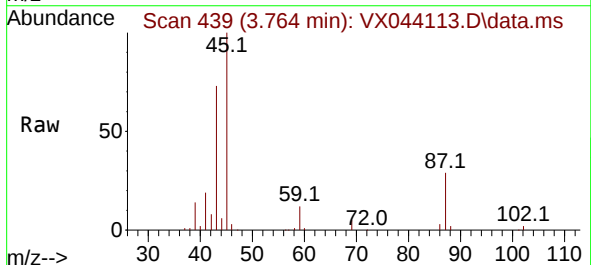
Instrument :  
MSVOA\_X  
ClientSampleId :

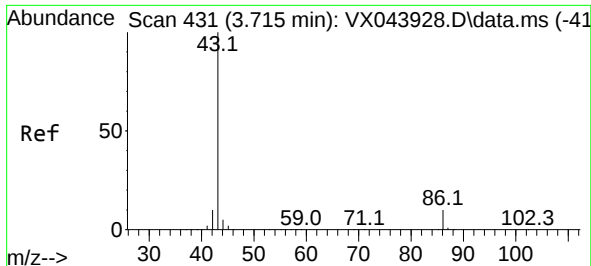
Tgt Ion: 96 Resp: 26768  
Ion Ratio Lower Upper  
96 100  
61 134.4 111.8 167.6  
98 64.3 52.7 79.1



#22  
Diisopropyl ether  
Concen: 21.347 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 45 Resp: 99038  
Ion Ratio Lower Upper  
45 100  
43 71.0 59.6 89.4  
87 28.5 22.9 34.3  
59 12.2 9.8 14.6

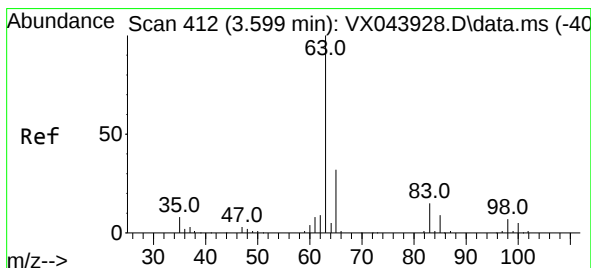
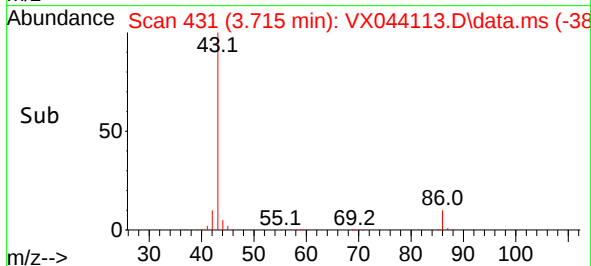
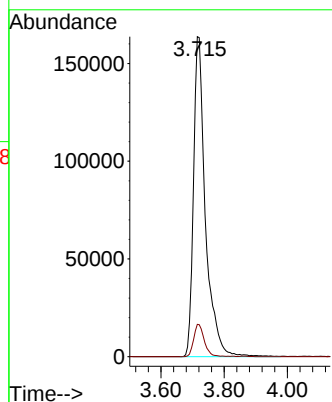
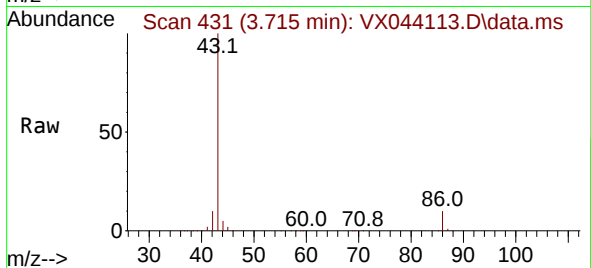




#23  
 Vinyl Acetate  
 Concen: 108.514 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX044113.D  
 Acq: 04 Dec 2024 13:47

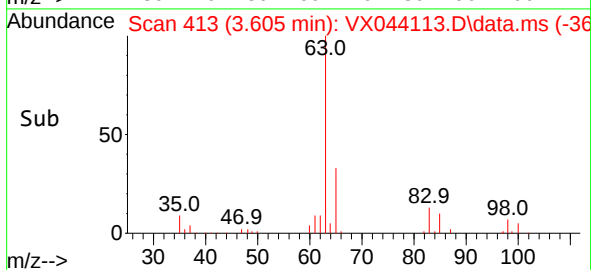
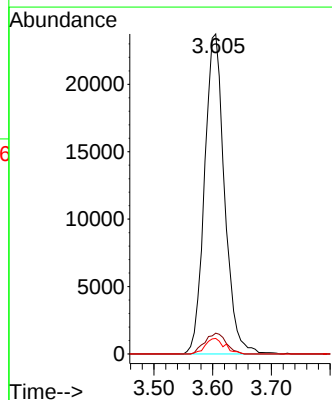
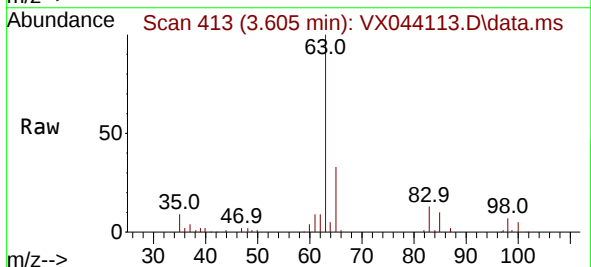
Instrument :  
 MSVOA\_X  
 ClientSampleId :

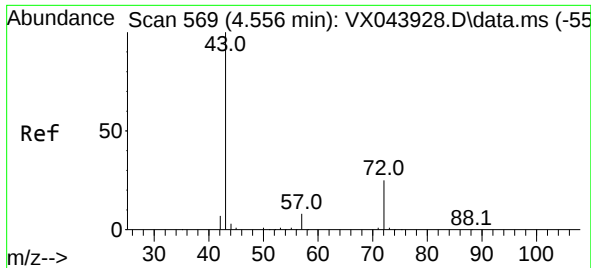
Tgt Ion: 43 Resp: 430660  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 8.3 12.5



#24  
 1,1-Dichloroethane  
 Concen: 20.933 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.006 min  
 Lab File: VX044113.D  
 Acq: 04 Dec 2024 13:47

Tgt Ion: 63 Resp: 56025  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.6  
 100 4.8 2.4 7.1

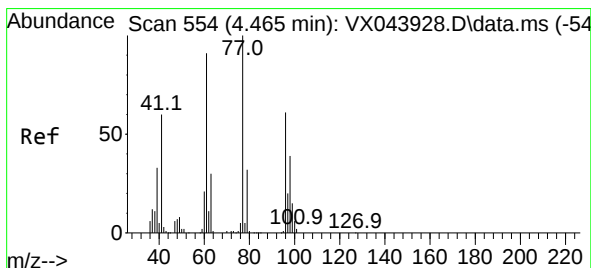
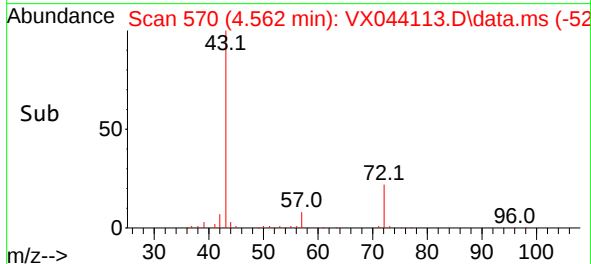
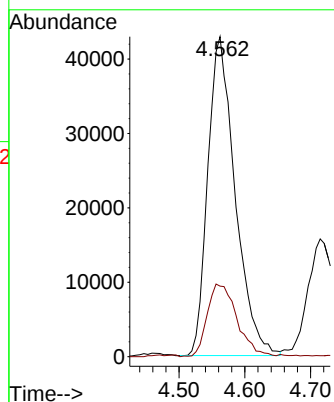
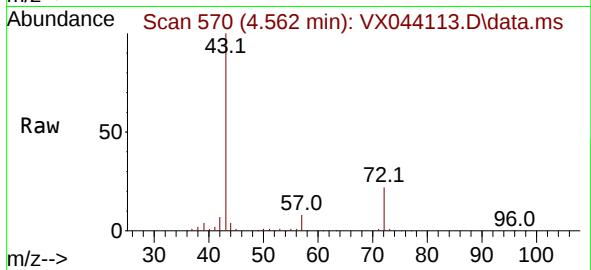




#25  
2-Butanone  
Concen: 106.108 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

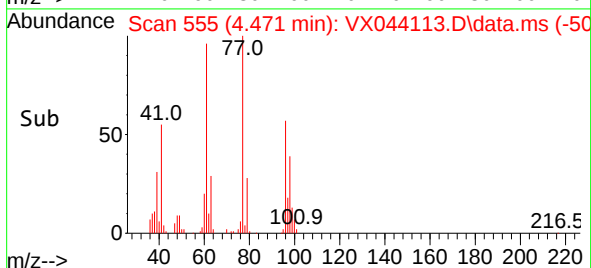
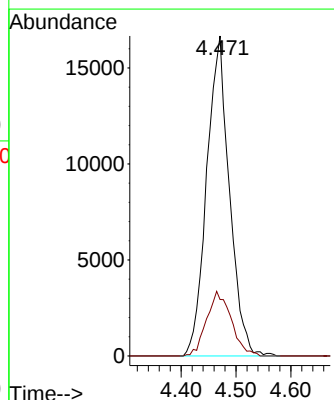
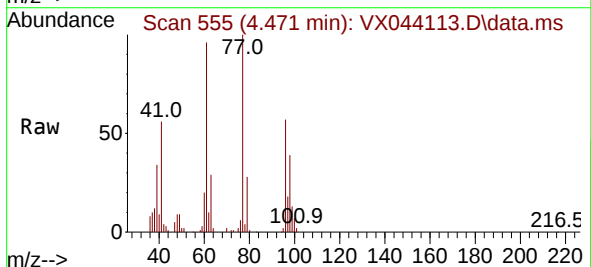
Instrument :  
MSVOA\_X  
ClientSampleId :

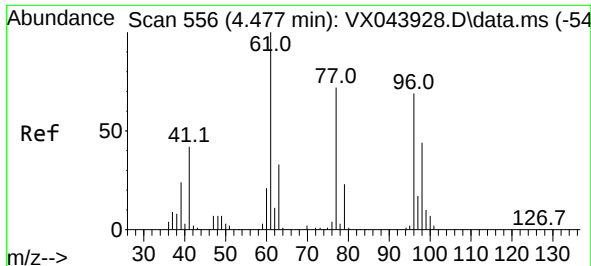
Tgt Ion: 43 Resp: 124283  
Ion Ratio Lower Upper  
43 100  
72 22.1 20.2 30.2



#26  
2,2-Dichloropropane  
Concen: 19.825 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 77 Resp: 47919  
Ion Ratio Lower Upper  
77 100  
97 21.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.966 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

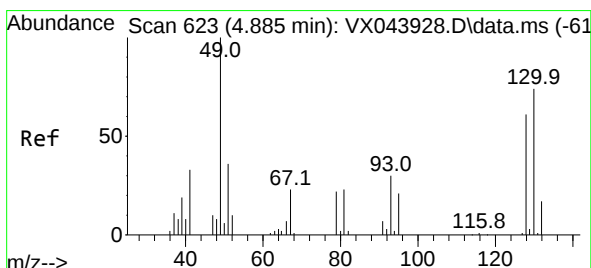
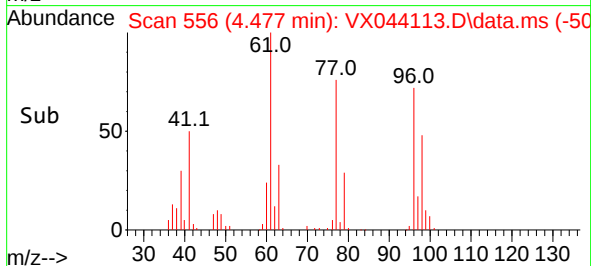
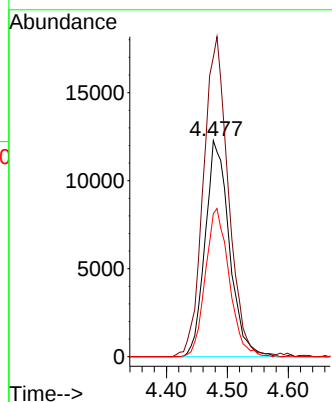
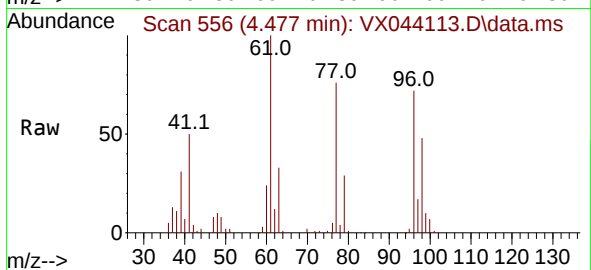
Tgt Ion: 96 Resp: 33834

Ion Ratio Lower Upper

96 100

61 152.8 0.0 297.4

98 67.3 0.0 127.8



#28

Bromochloromethane

Concen: 20.144 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

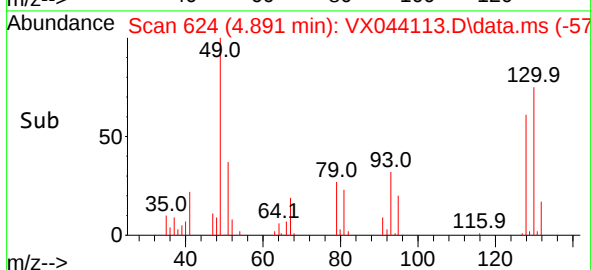
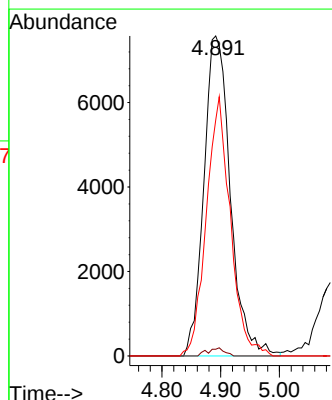
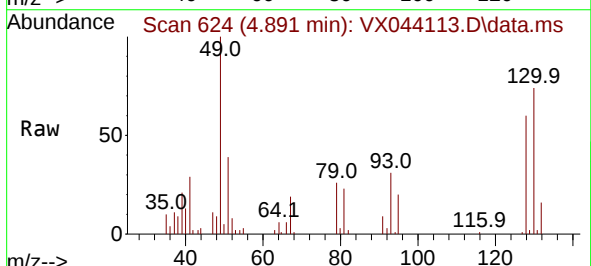
Tgt Ion: 49 Resp: 23731

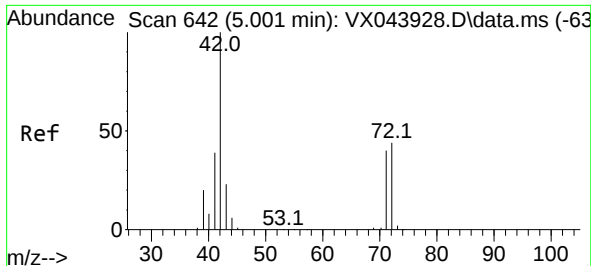
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 73.6 59.0 88.6





#29

Tetrahydrofuran

Concen: 106.351 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

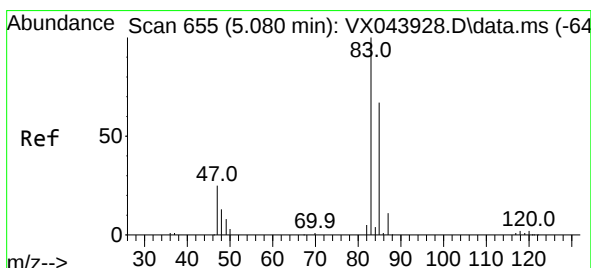
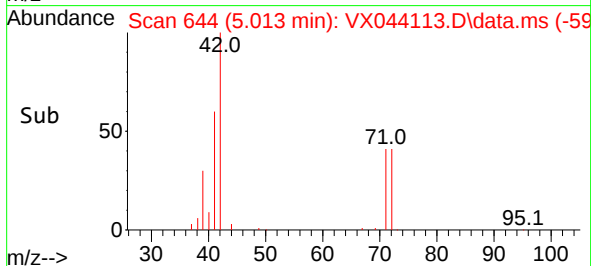
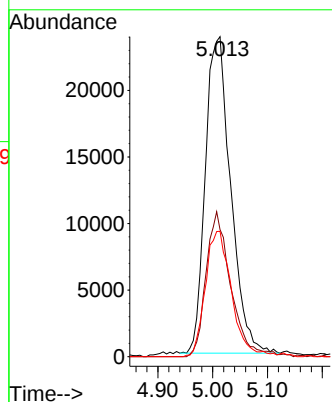
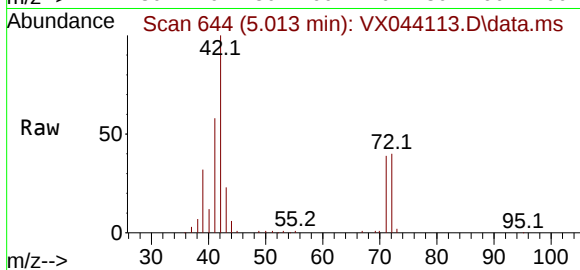
Tgt Ion: 42 Resp: 76368

Ion Ratio Lower Upper

42 100

72 44.5 36.4 54.6

71 40.9 33.4 50.0



#30

Chloroform

Concen: 21.248 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX044113.D

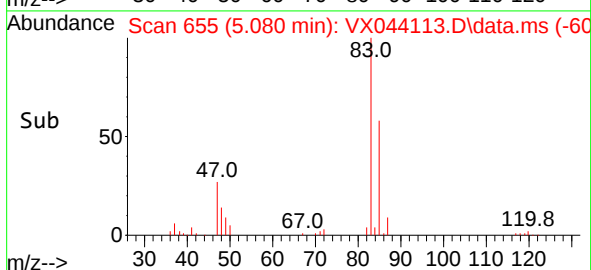
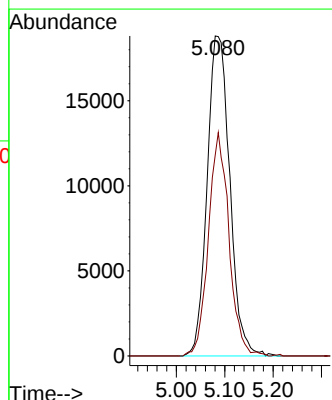
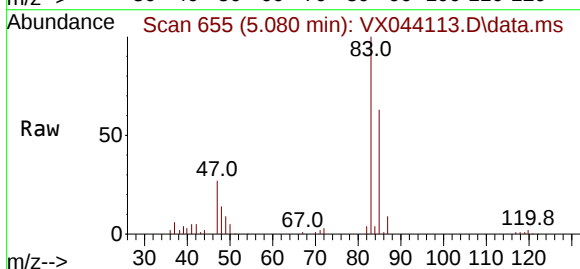
Acq: 04 Dec 2024 13:47

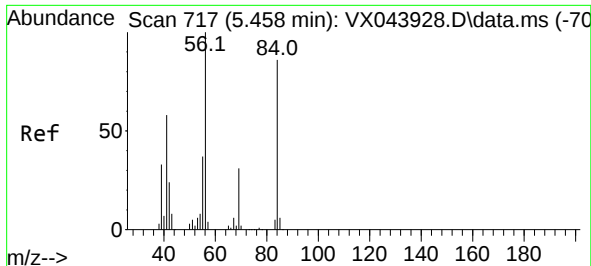
Tgt Ion: 83 Resp: 61163

Ion Ratio Lower Upper

83 100

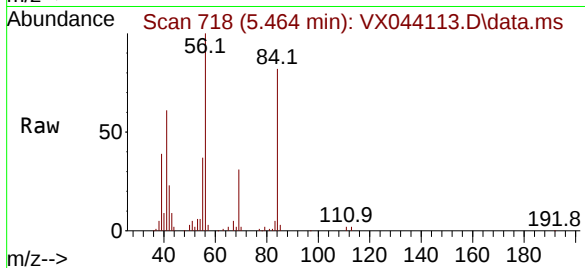
85 62.8 53.5 80.3



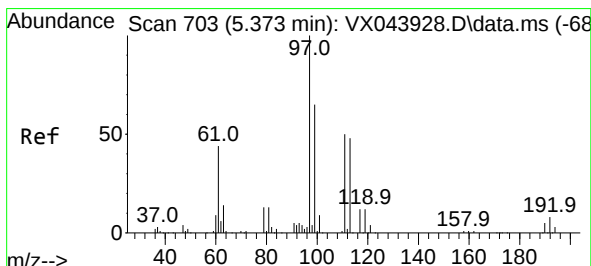
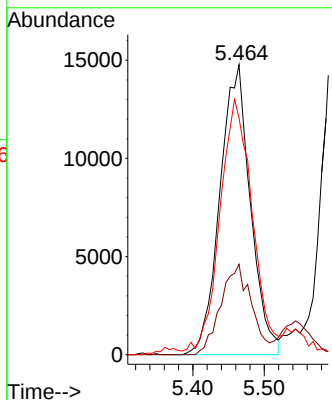
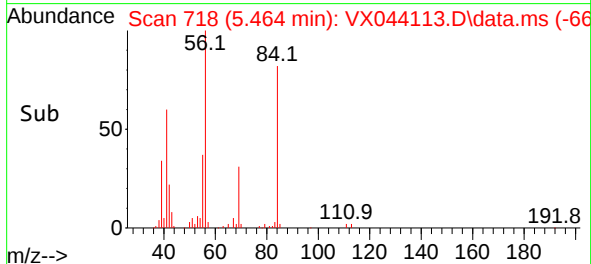


#31  
Cyclohexane  
Concen: 19.907 ug/l  
RT: 5.464 min Scan# 717  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Instrument :  
MSVOA\_X  
ClientSampleId :

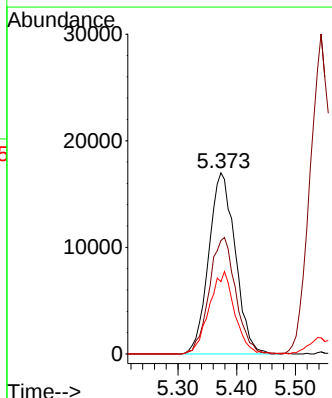
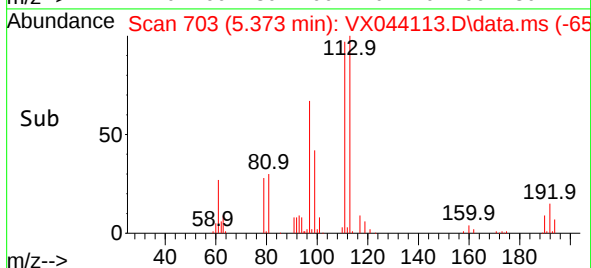
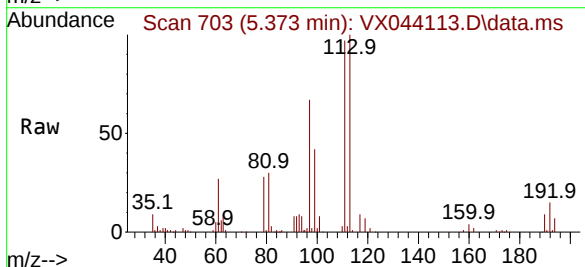


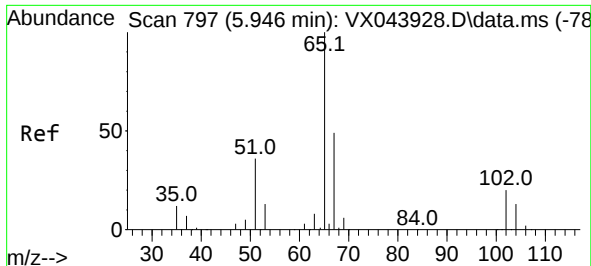
Tgt Ion: 56 Resp: 43850  
Ion Ratio Lower Upper  
56 100  
69 31.2 24.7 37.1  
84 80.2 68.7 103.1



#32  
1,1,1-Trichloroethane  
Concen: 21.465 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 97 Resp: 53283  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.8 76.2  
61 43.9 35.4 53.2

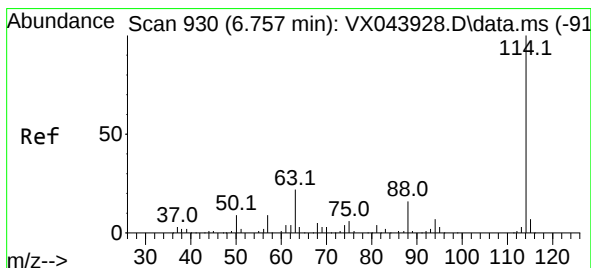
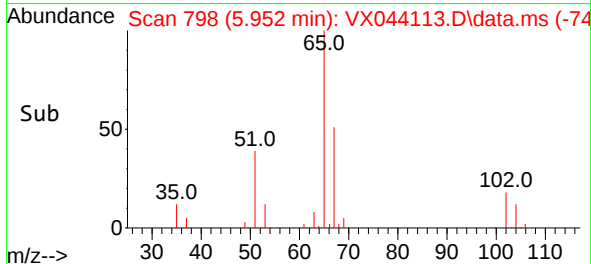
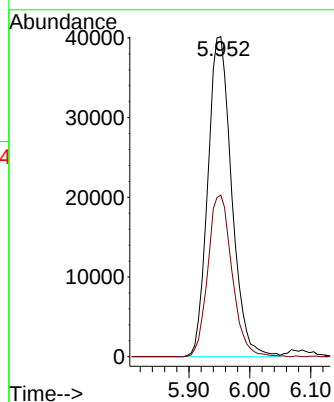
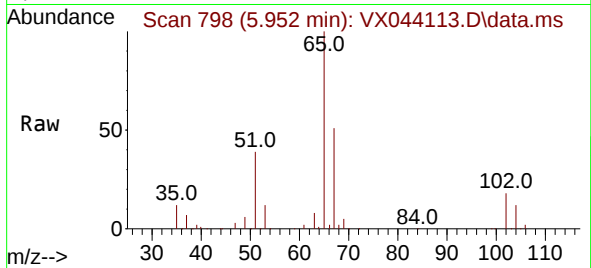




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.337 ug/l  
 RT: 5.952 min Scan# 797  
 Delta R.T. 0.006 min  
 Lab File: VX044113.D  
 Acq: 04 Dec 2024 13:47

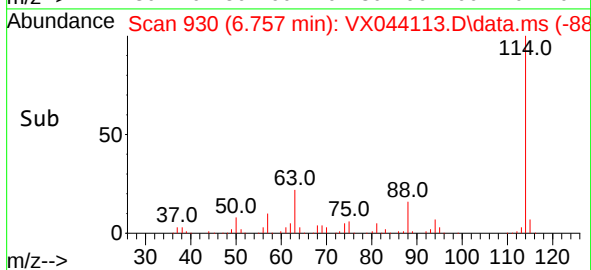
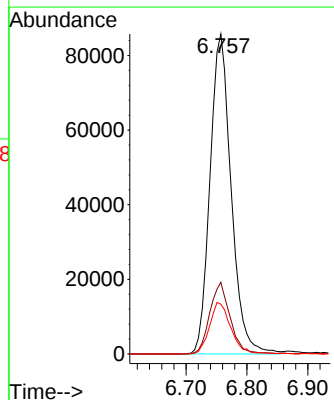
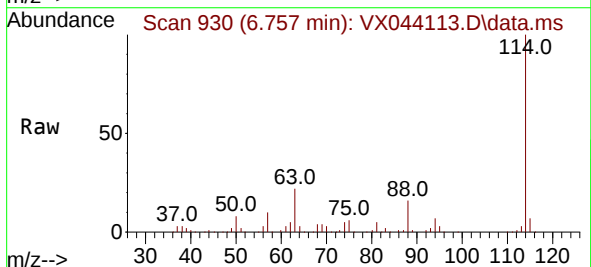
Instrument :  
 MSVOA\_X  
 ClientSampleId :

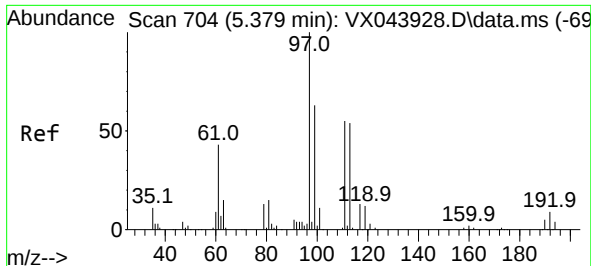
Tgt Ion: 65 Resp: 109370  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.000 min  
 Lab File: VX044113.D  
 Acq: 04 Dec 2024 13:47

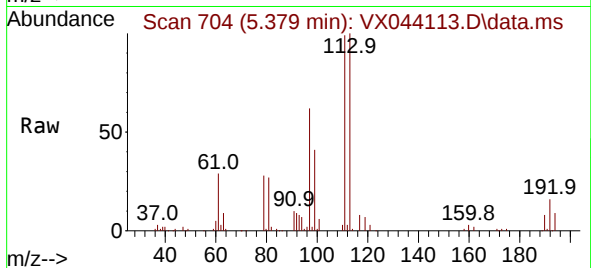
Tgt Ion: 114 Resp: 206872  
 Ion Ratio Lower Upper  
 114 100  
 63 22.4 0.0 44.0  
 88 15.5 0.0 32.4



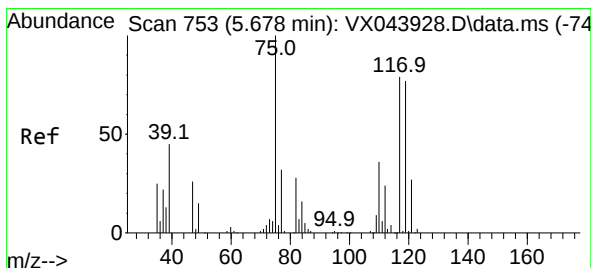
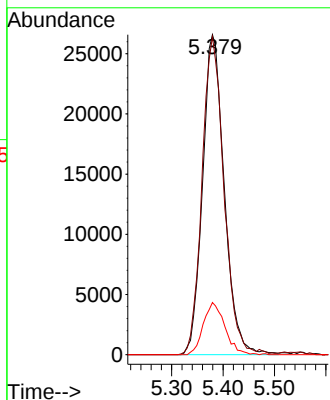
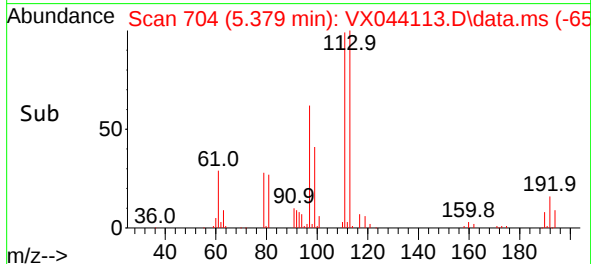


#35  
Dibromofluoromethane  
Concen: 52.855 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Instrument :  
MSVOA\_X  
ClientSampleId :

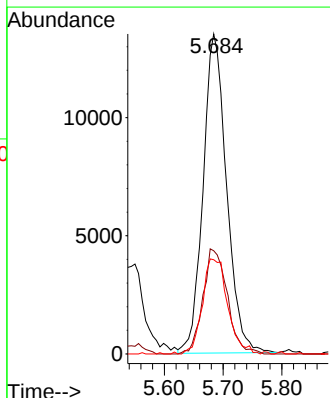
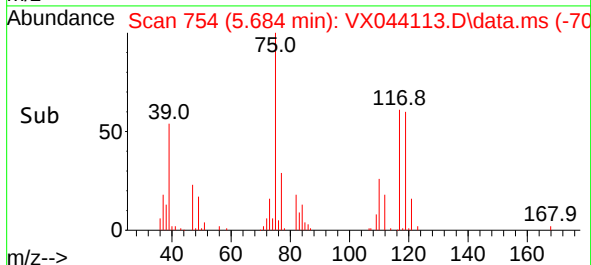
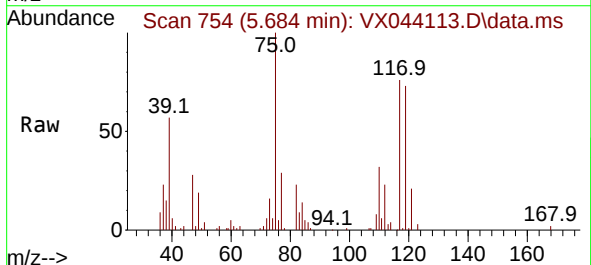


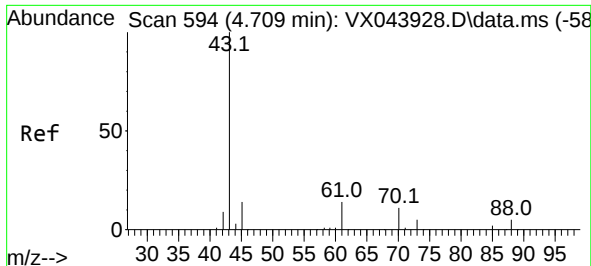
Tgt Ion:113 Resp: 78130  
Ion Ratio Lower Upper  
113 100  
111 99.7 81.0 121.4  
192 16.2 13.0 19.6



#36  
1,1-Dichloropropene  
Concen: 20.397 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 75 Resp: 37571  
Ion Ratio Lower Upper  
75 100  
110 34.1 17.4 52.2  
77 31.9 25.8 38.8





#37

Ethyl Acetate

Concen: 21.413 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX044113.D

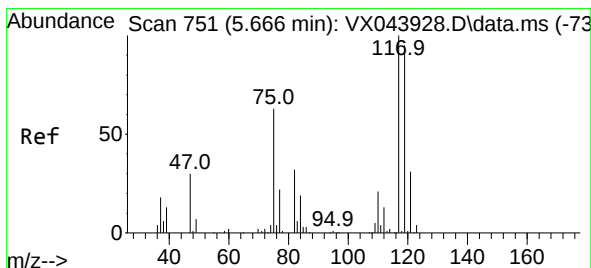
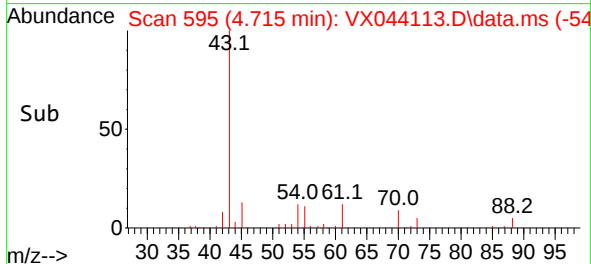
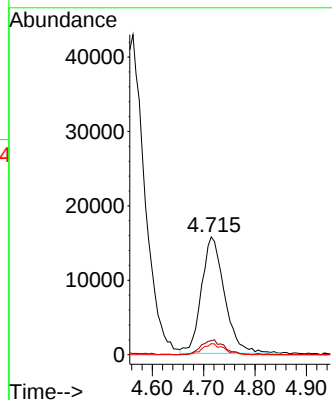
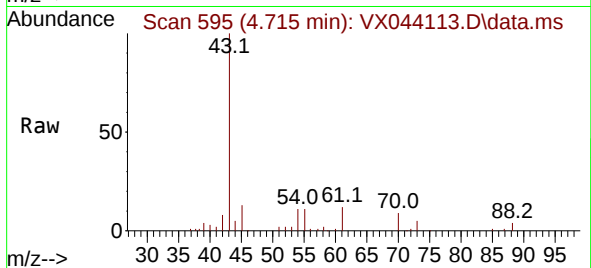
Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 48962    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 12.6 10.7 16.1 |
| 70          | 9.0 8.0 12.0   |



#38

Carbon Tetrachloride

Concen: 19.793 ug/l

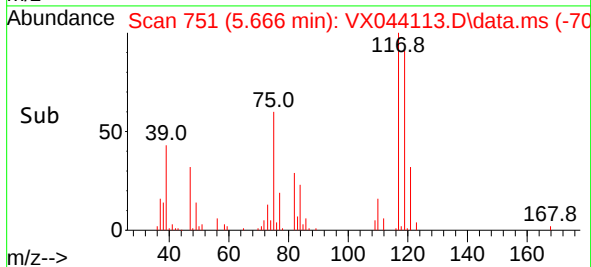
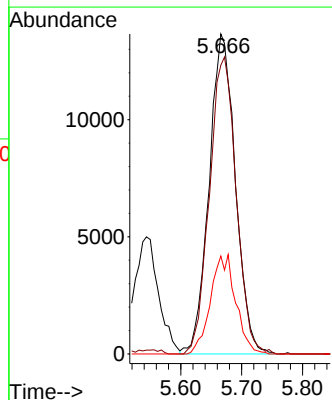
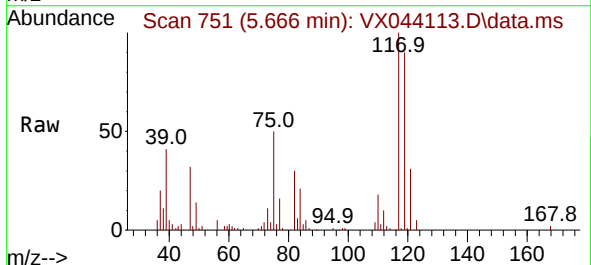
RT: 5.666 min Scan# 751

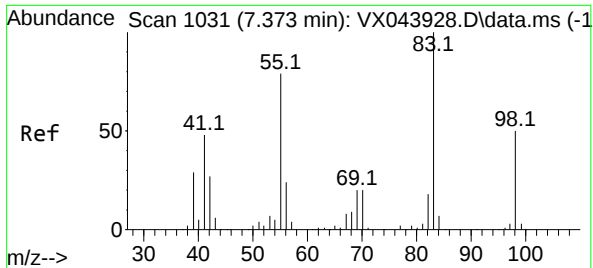
Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 40966     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 90.2 75.2 112.8 |
| 121          | 30.6 24.5 36.7  |

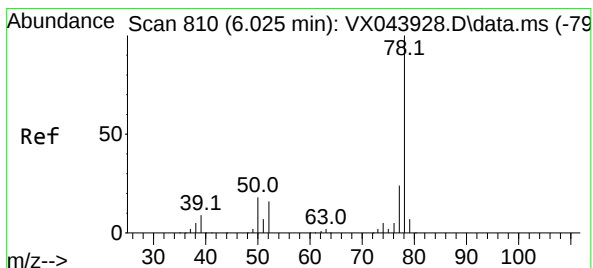
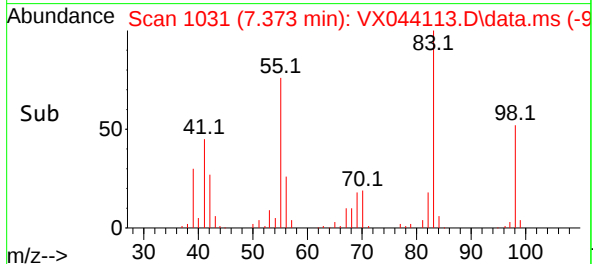
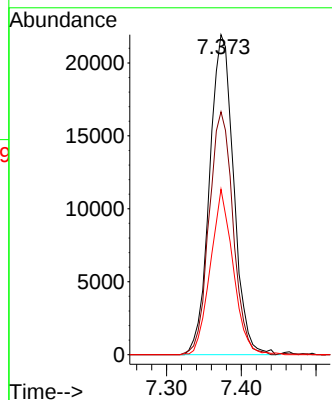
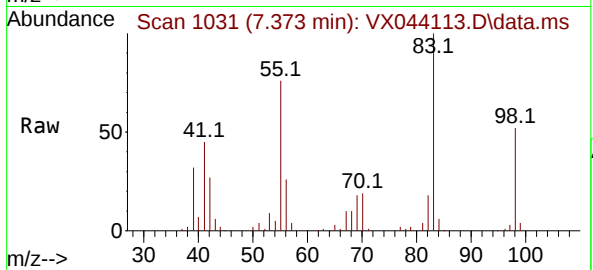




#39  
Methylcyclohexane  
Concen: 20.534 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

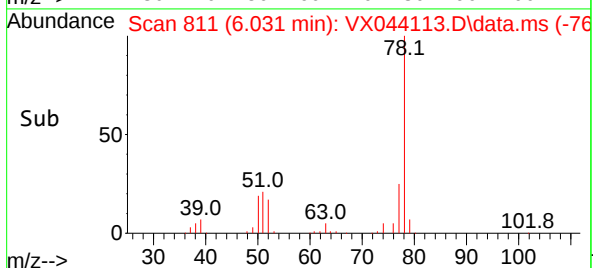
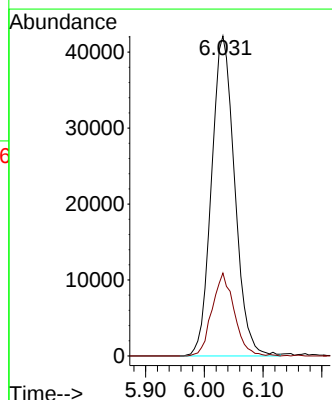
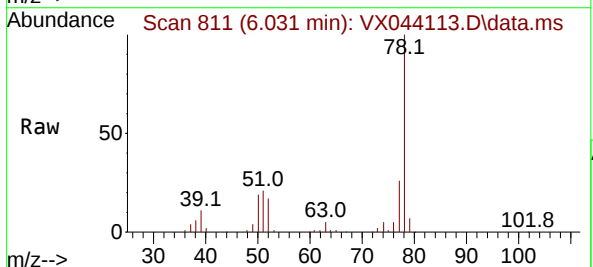
Instrument :  
MSVOA\_X  
ClientSampleId :

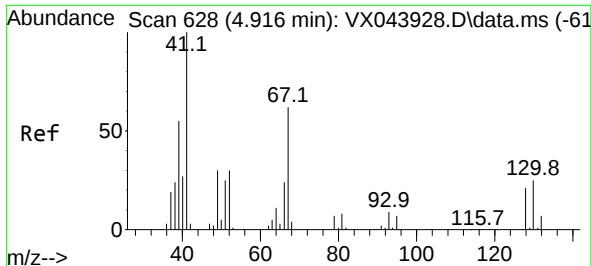
Tgt Ion: 83 Resp: 49139  
Ion Ratio Lower Upper  
83 100  
55 75.9 63.1 94.7  
98 51.7 40.0 60.0



#40  
Benzene  
Concen: 20.131 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 78 Resp: 115508  
Ion Ratio Lower Upper  
78 100  
77 25.9 19.2 28.8

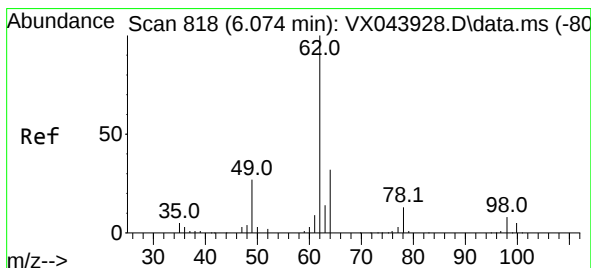
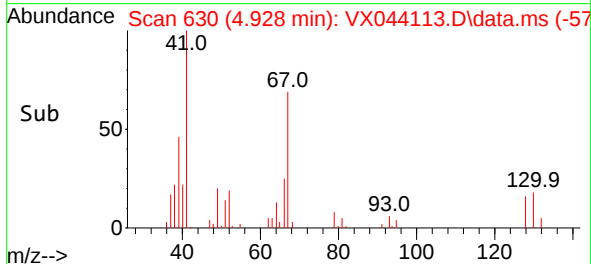
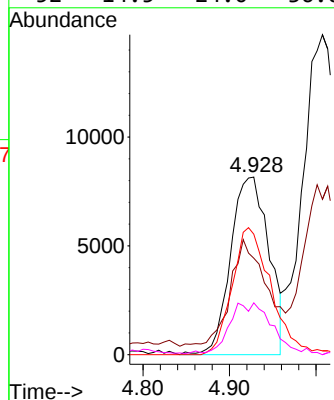
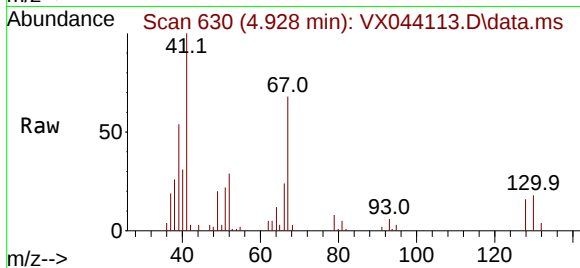




#41  
Methacrylonitrile  
Concen: 21.454 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

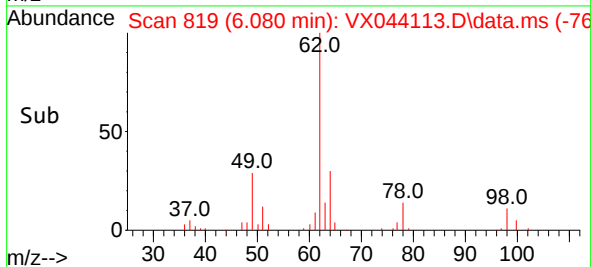
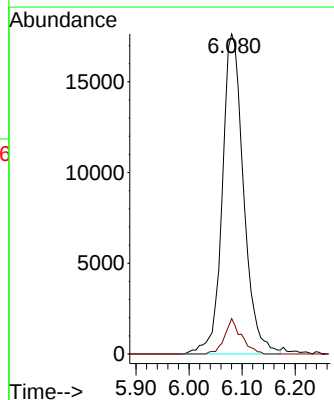
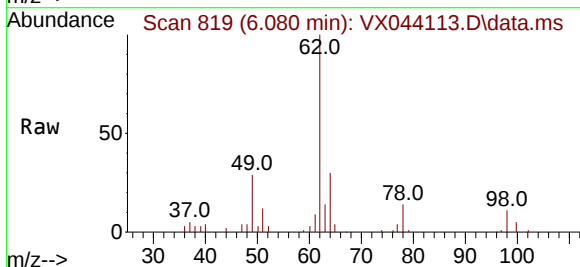
Instrument :  
MSVOA\_X  
ClientSampleId :

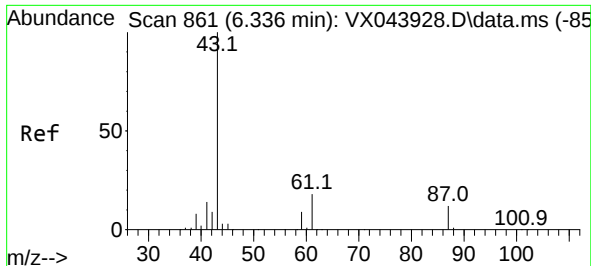
Tgt Ion: 41 Resp: 25107  
Ion Ratio Lower Upper  
41 100  
39 57.4 41.7 62.5  
67 73.5 55.8 83.8  
52 14.5 24.0 36.0#



#42  
1,2-Dichloroethane  
Concen: 21.408 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

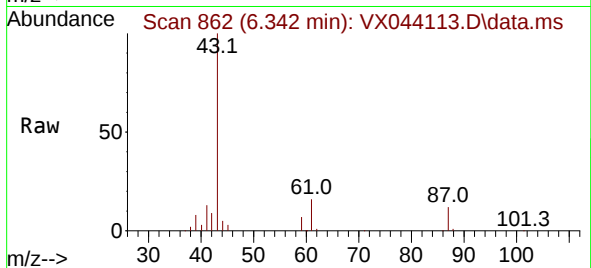
Tgt Ion: 62 Resp: 49334  
Ion Ratio Lower Upper  
62 100  
98 8.7 0.0 16.4



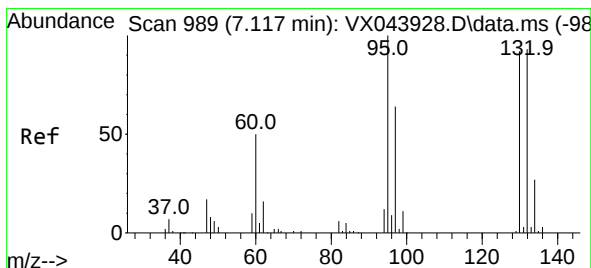
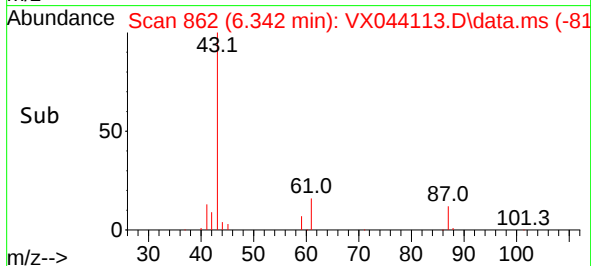
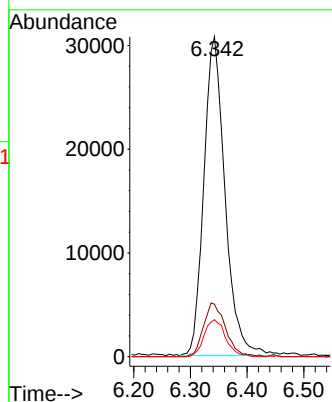


#43  
Isopropyl Acetate  
Concen: 21.965 ug/l  
RT: 6.342 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Instrument :  
MSVOA\_X  
ClientSampleId :

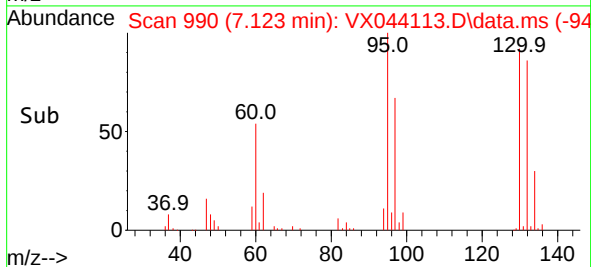
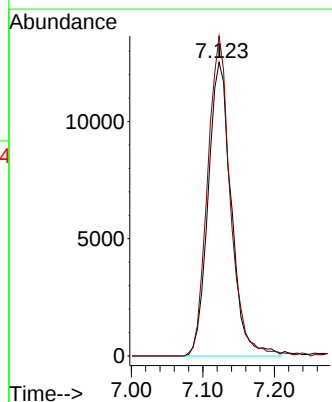
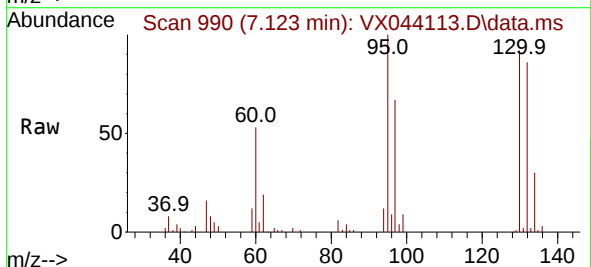


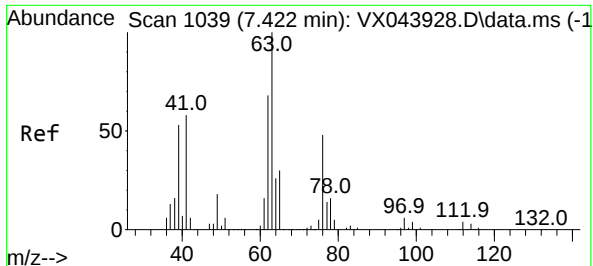
Tgt Ion: 43 Resp: 79930  
Ion Ratio Lower Upper  
43 100  
61 17.5 14.5 21.7  
87 11.7 10.2 15.2



#44  
Trichloroethene  
Concen: 17.341 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion:130 Resp: 28166  
Ion Ratio Lower Upper  
130 100  
95 109.0 0.0 217.8





#45

1,2-Dichloropropane

Concen: 21.386 ug/l

RT: 7.428 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

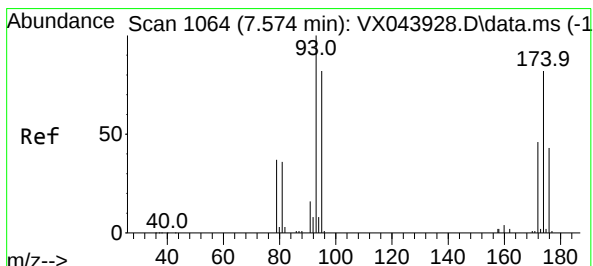
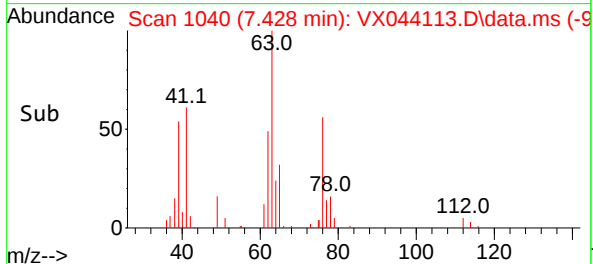
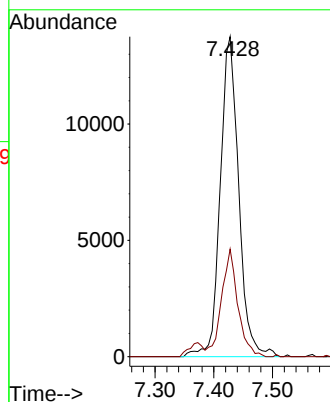
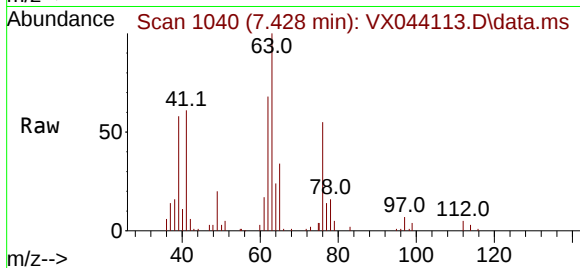
ClientSampleId :

Tgt Ion: 63 Resp: 30054

Ion Ratio Lower Upper

63 100

65 33.6 23.8 35.6



#46

Dibromomethane

Concen: 21.208 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

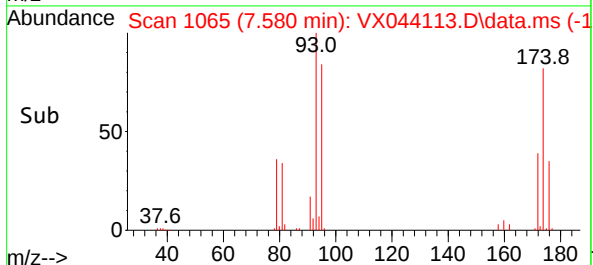
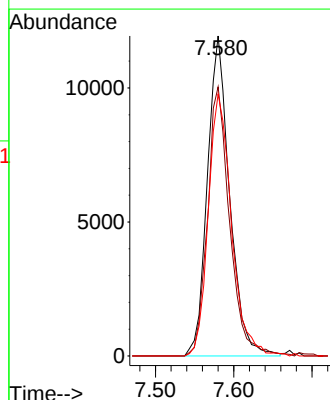
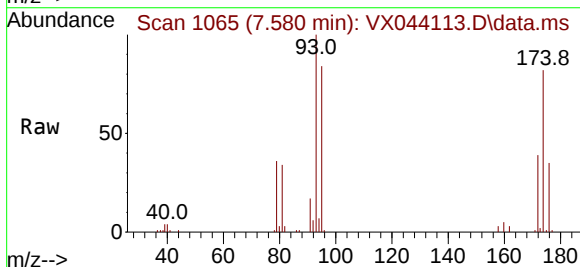
Tgt Ion: 93 Resp: 23576

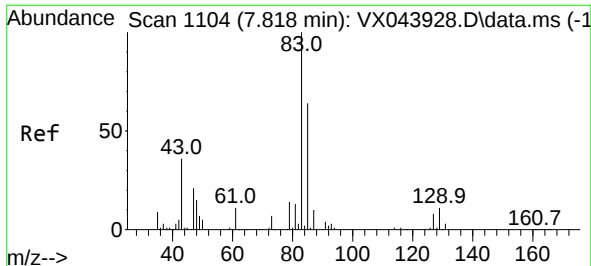
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 85.5 69.6 104.4

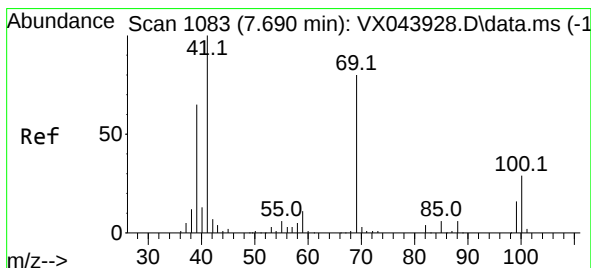
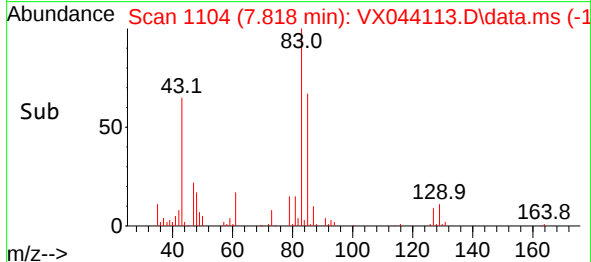
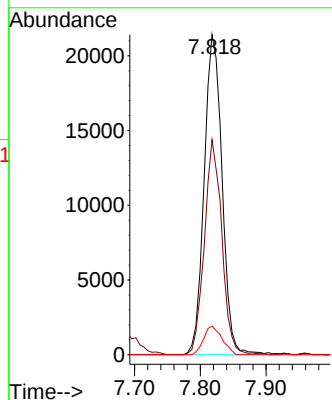
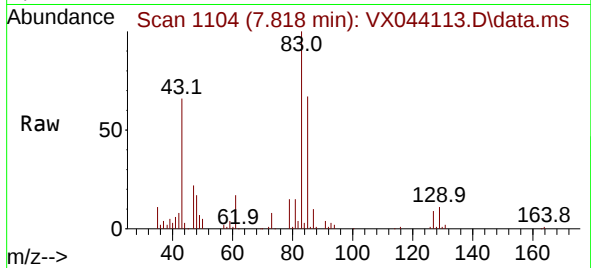




#47  
Bromodichloromethane  
Concen: 20.384 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

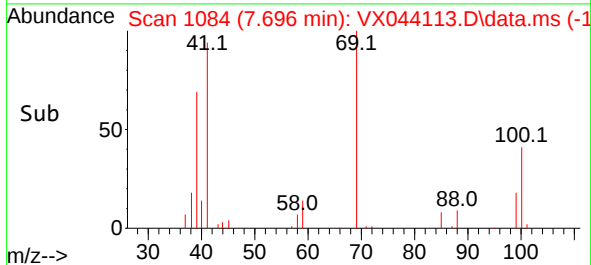
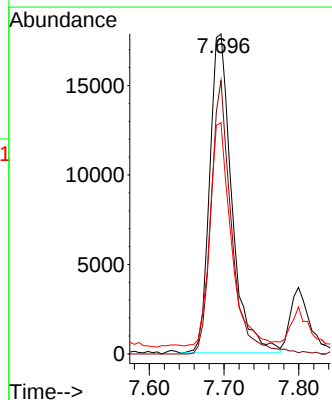
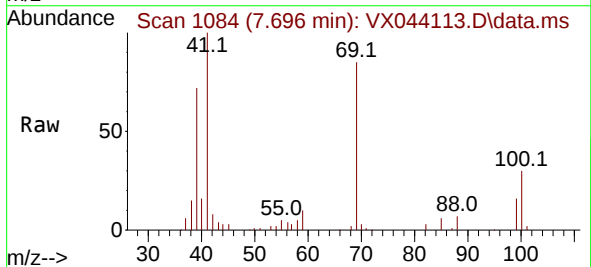
Instrument :  
MSVOA\_X  
ClientSampleId :

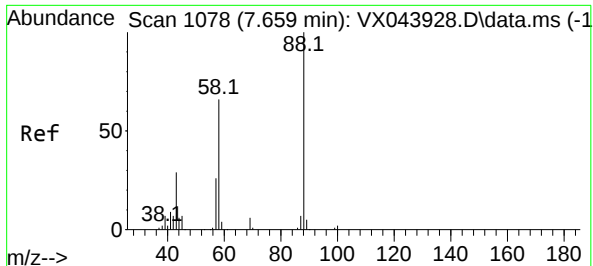
Tgt Ion: 83 Resp: 40640  
Ion Ratio Lower Upper  
83 100  
85 67.2 51.4 77.0  
127 9.0 6.6 10.0



#48  
Methyl methacrylate  
Concen: 21.013 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 41 Resp: 36691  
Ion Ratio Lower Upper  
41 100  
69 79.0 64.6 97.0  
39 67.9 53.3 79.9





#49

1,4-Dioxane

Concen: 324.275 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

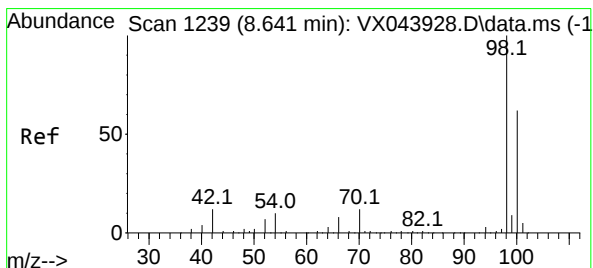
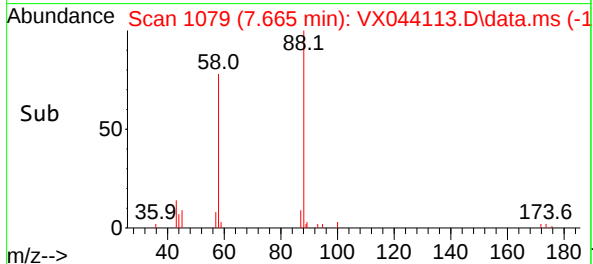
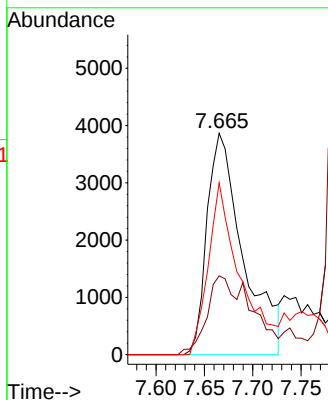
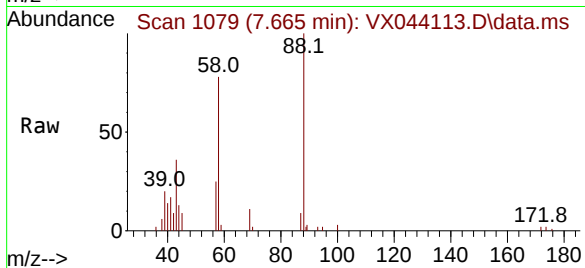
Tgt Ion: 88 Resp: 10086

Ion Ratio Lower Upper

88 100

43 43.7 26.8 40.2#

58 69.1 45.4 68.2#



#50

Toluene-d8

Concen: 51.925 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044113.D

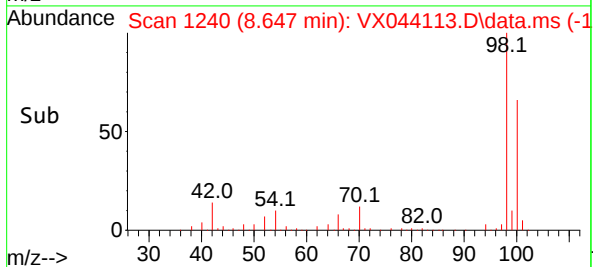
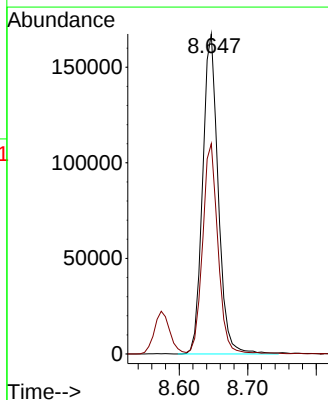
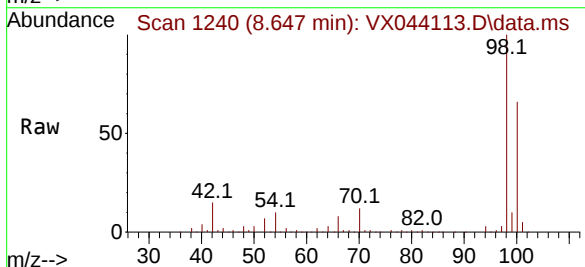
Acq: 04 Dec 2024 13:47

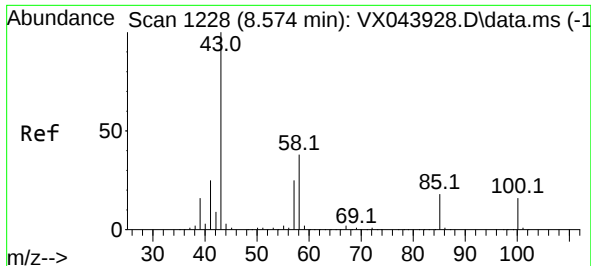
Tgt Ion: 98 Resp: 264584

Ion Ratio Lower Upper

98 100

100 64.7 52.6 79.0

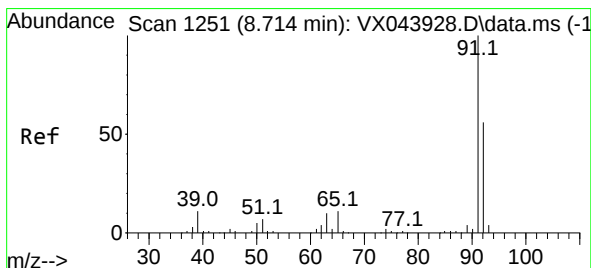
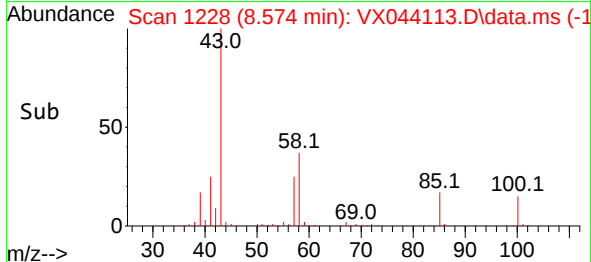
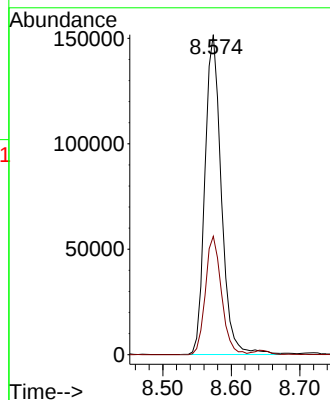
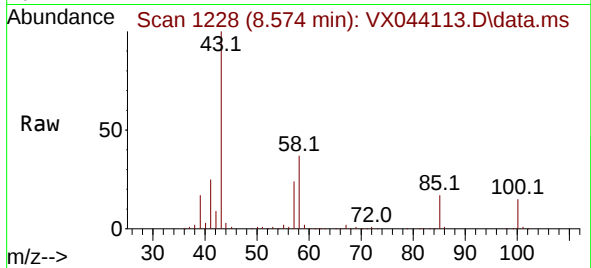




#51  
4-Methyl-2-Pentanone  
Concen: 113.855 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

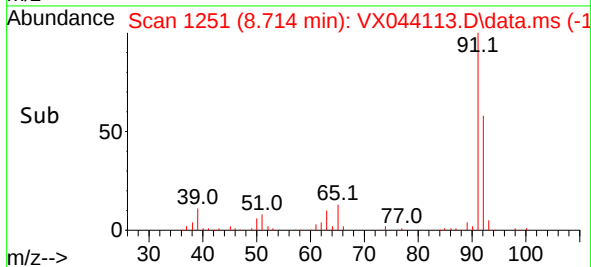
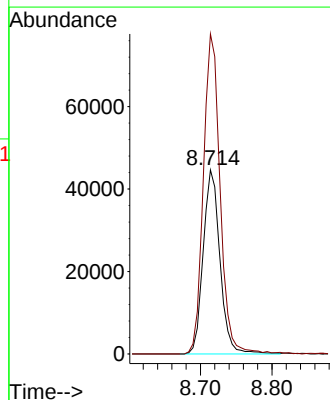
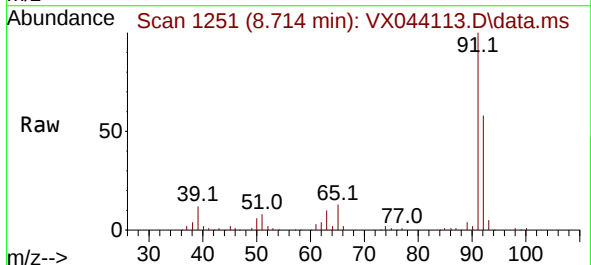
Instrument :  
MSVOA\_X  
ClientSampleId :

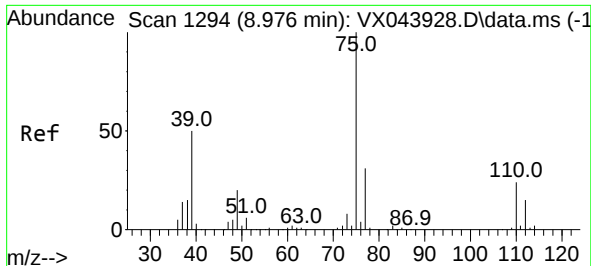
Tgt Ion: 43 Resp: 252833  
Ion Ratio Lower Upper  
43 100  
58 36.3 30.0 45.0



#52  
Toluene  
Concen: 21.218 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 92 Resp: 72868  
Ion Ratio Lower Upper  
92 100  
91 173.7 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 20.547 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

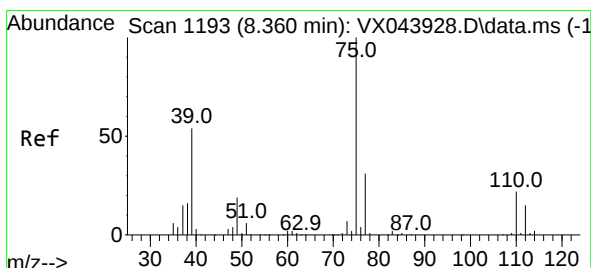
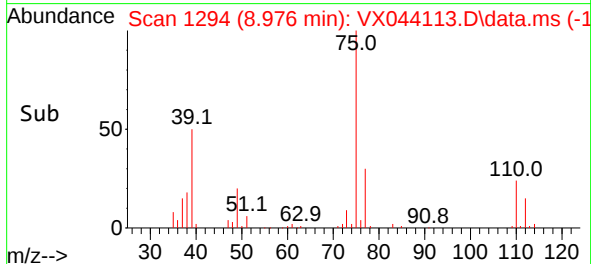
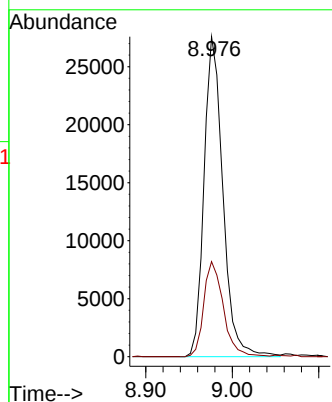
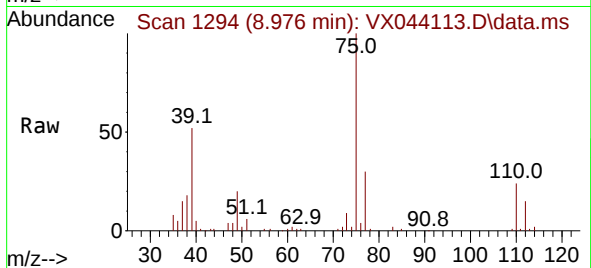
ClientSampleId :

Tgt Ion: 75 Resp: 41774

Ion Ratio Lower Upper

75 100

77 29.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.401 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

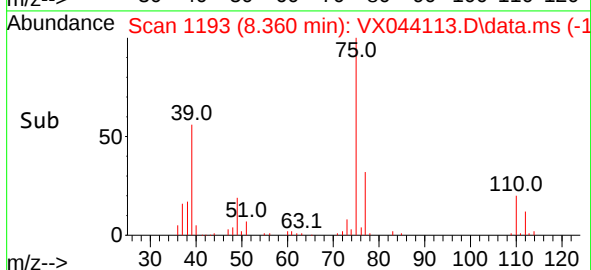
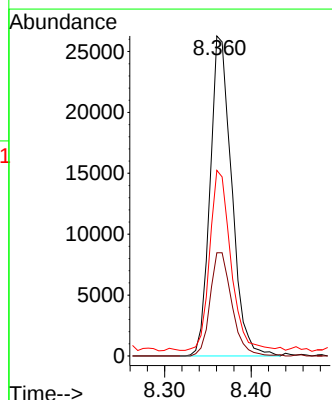
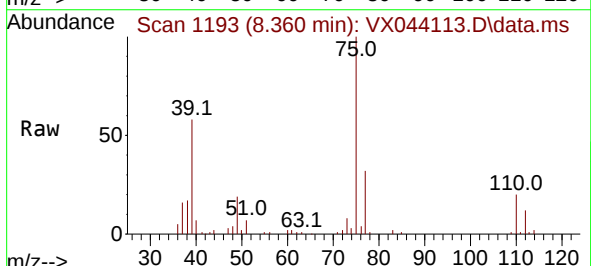
Tgt Ion: 75 Resp: 45471

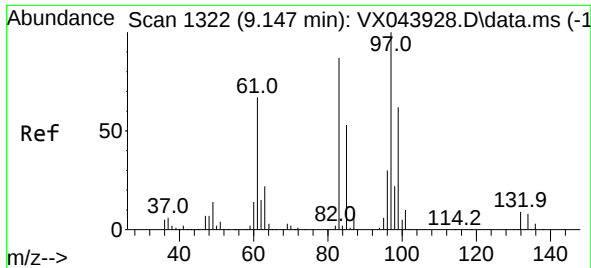
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

39 56.3 43.1 64.7

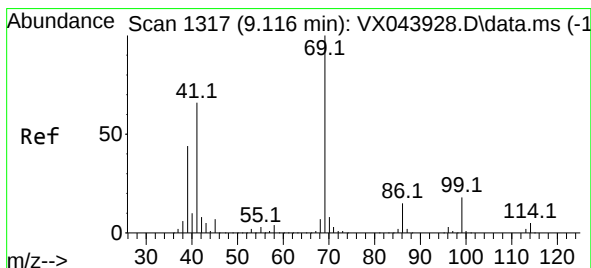
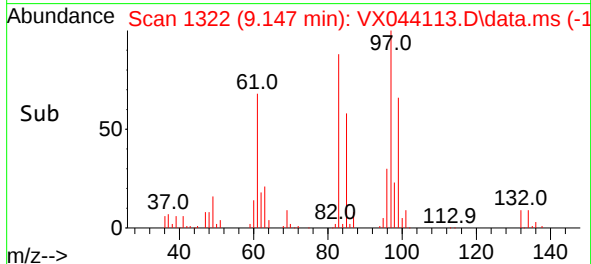
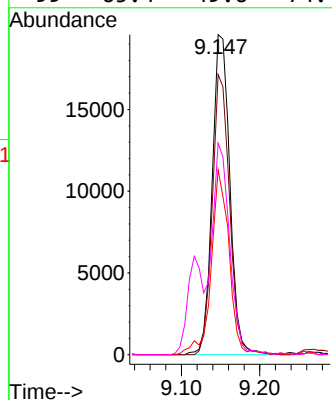
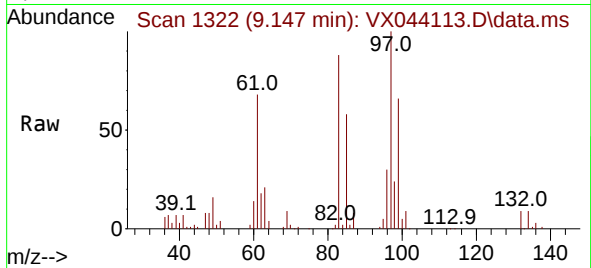




#55  
1,1,2-Trichloroethane  
Concen: 21.622 ug/l  
RT: 9.147 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

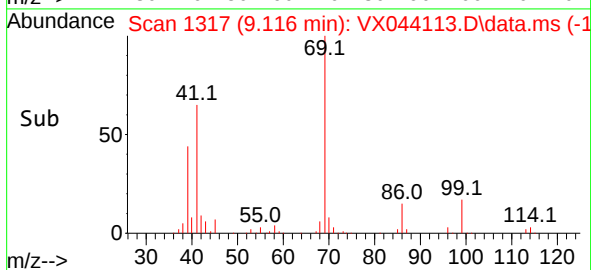
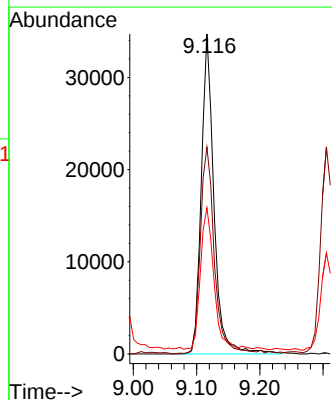
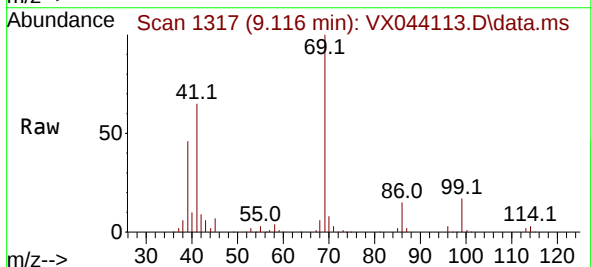
Instrument :  
MSVOA\_X  
ClientSampleId :

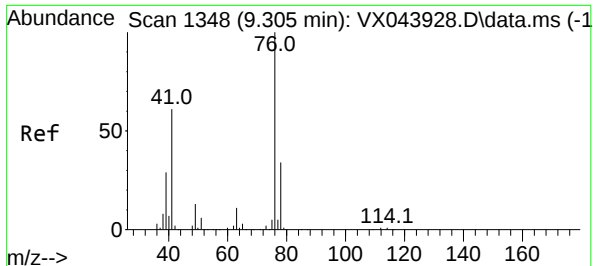
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 30652 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.5  | 69.4  | 104.0 |
| 85       | 57.7  | 42.3  | 63.5  |
| 99       | 65.4  | 49.6  | 74.4  |



#56  
Ethyl methacrylate  
Concen: 21.980 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 48535 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.5  | 55.8  | 83.8  |
| 39       | 46.2  | 36.7  | 55.1  |

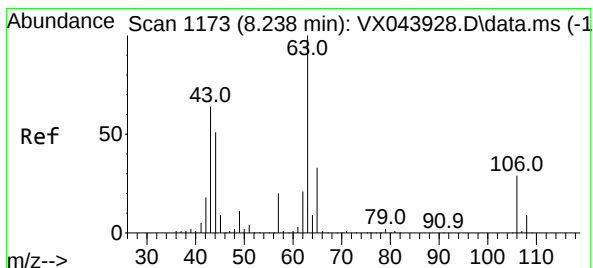
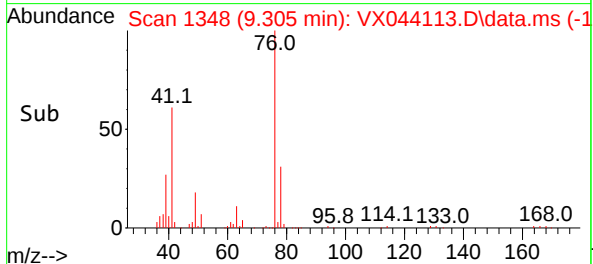
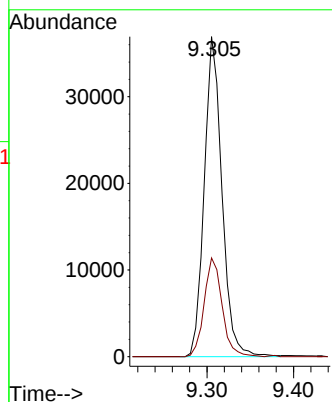
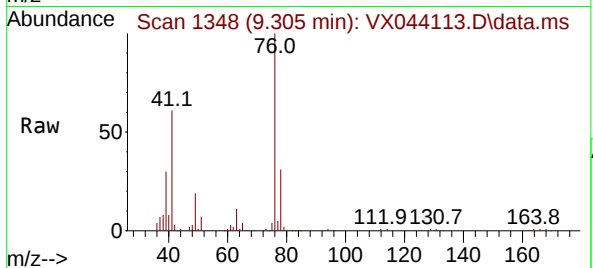




#57  
1,3-Dichloropropane  
Concen: 21.966 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

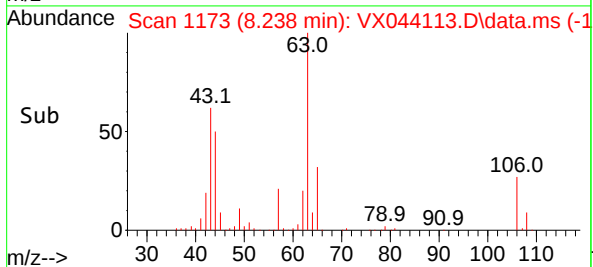
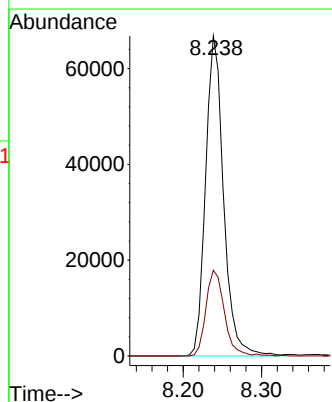
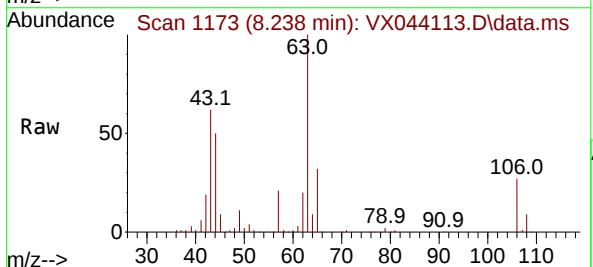
Instrument :  
MSVOA\_X  
ClientSampleId :

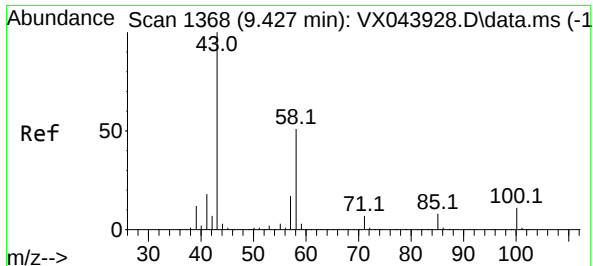
Tgt Ion: 76 Resp: 52456  
Ion Ratio Lower Upper  
76 100  
78 31.3 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 87.188 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 63 Resp: 106301  
Ion Ratio Lower Upper  
63 100  
106 27.4 23.0 34.6

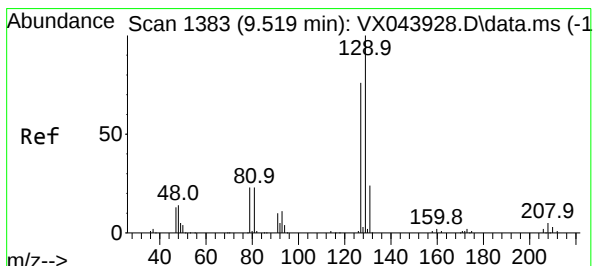
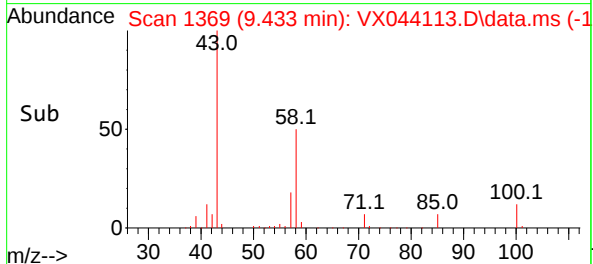
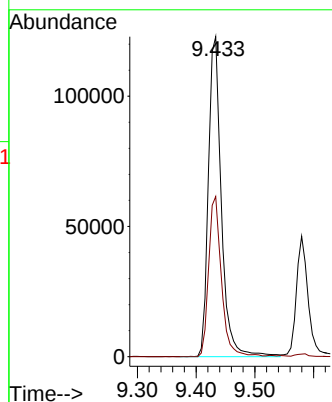
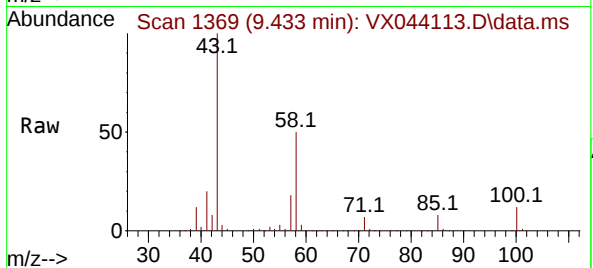




#59  
2-Hexanone  
Concen: 113.228 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

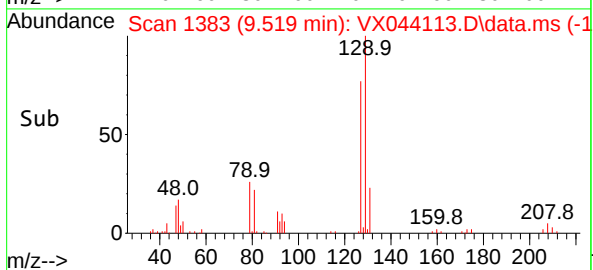
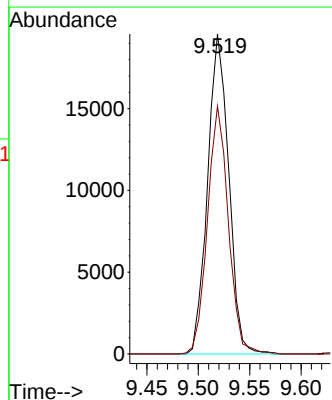
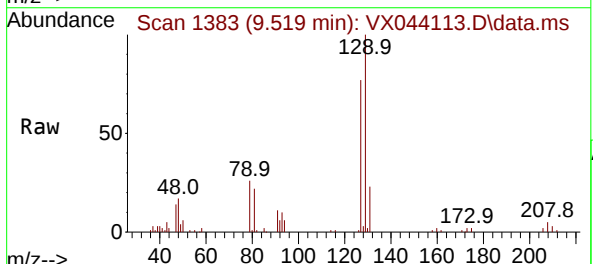
Instrument :  
MSVOA\_X  
ClientSampleId :

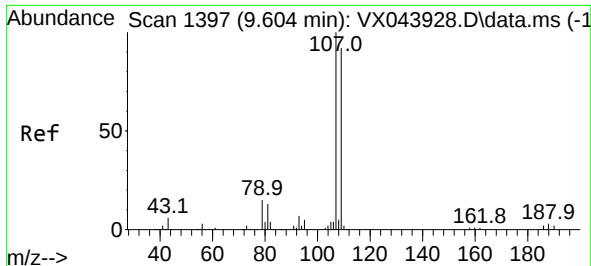
Tgt Ion: 43 Resp: 188989  
Ion Ratio Lower Upper  
43 100  
58 49.3 25.9 77.6



#60  
Dibromochloromethane  
Concen: 19.643 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion:129 Resp: 27939  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.2 114.6

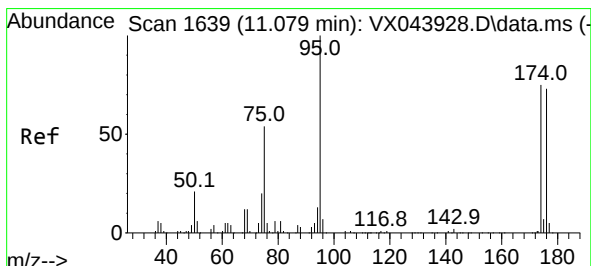
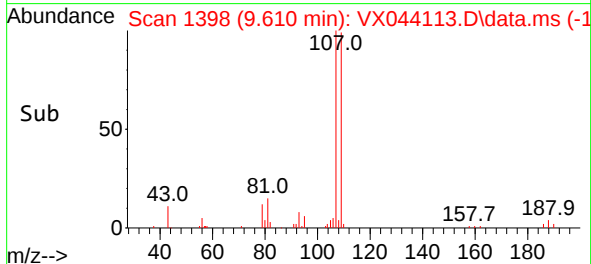
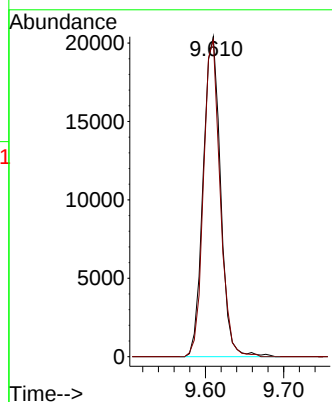
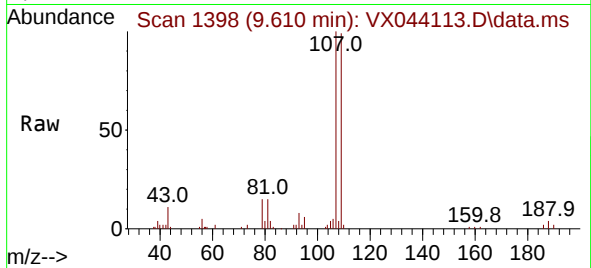




#61  
1,2-Dibromoethane  
Concen: 21.904 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

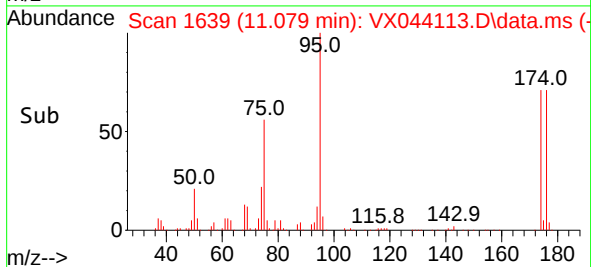
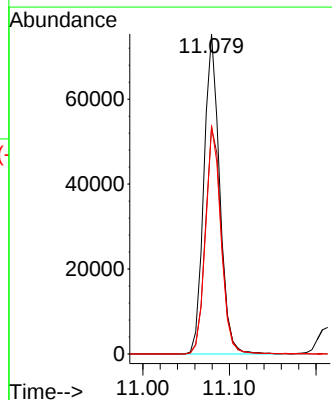
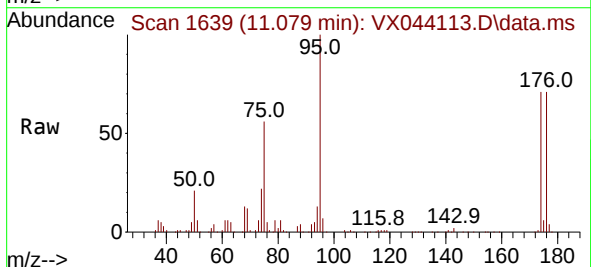
Instrument :  
MSVOA\_X  
ClientSampleId :

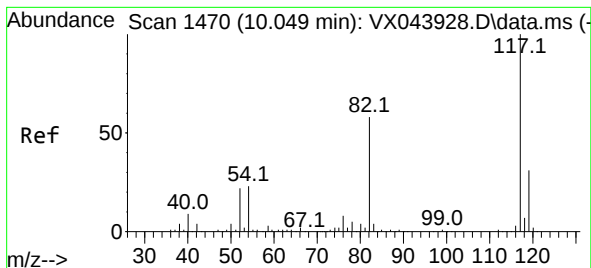
Tgt Ion:107 Resp: 31398  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 54.689 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 95 Resp: 94839  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 150.4  
176 69.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

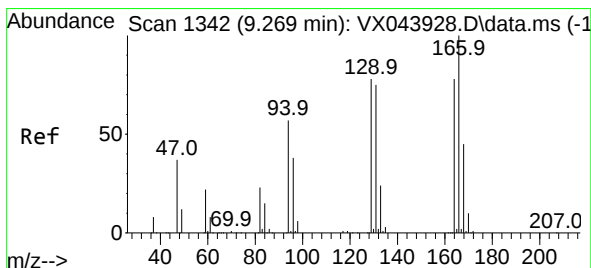
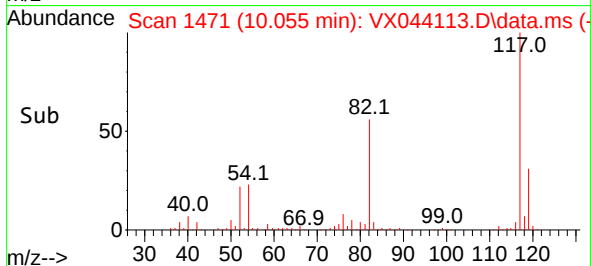
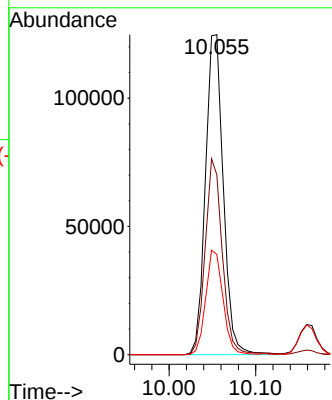
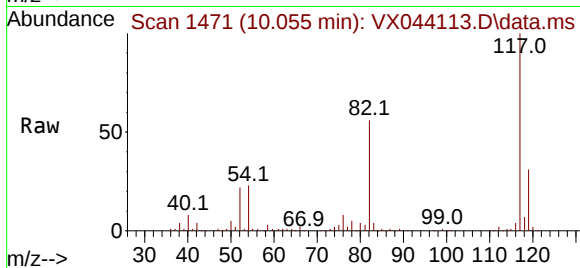
Tgt Ion:117 Resp: 178913

Ion Ratio Lower Upper

117 100

82 56.2 46.4 69.6

119 31.3 24.6 37.0



#64

Tetrachloroethene

Concen: 20.257 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion:164 Resp: 23898

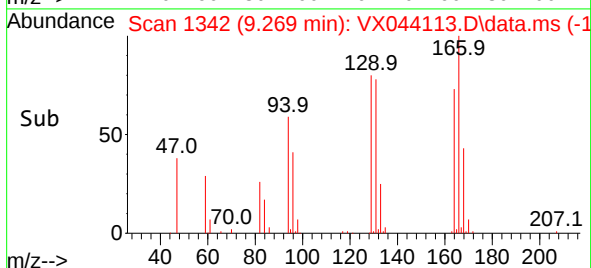
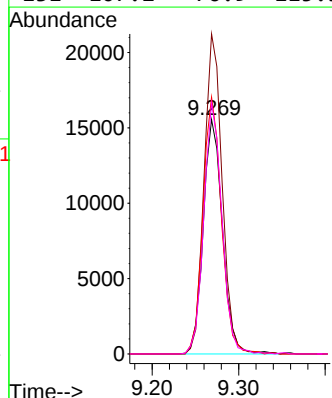
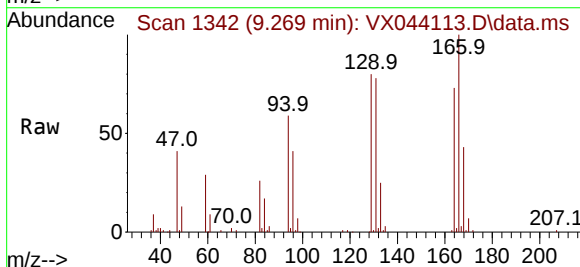
Ion Ratio Lower Upper

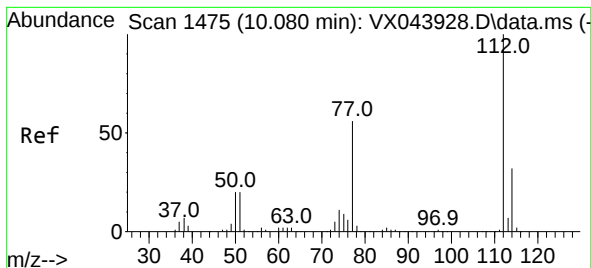
164 100

166 136.5 102.1 153.1

129 109.6 79.6 119.4

131 107.2 76.9 115.3





#65

Chlorobenzene

Concen: 20.410 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

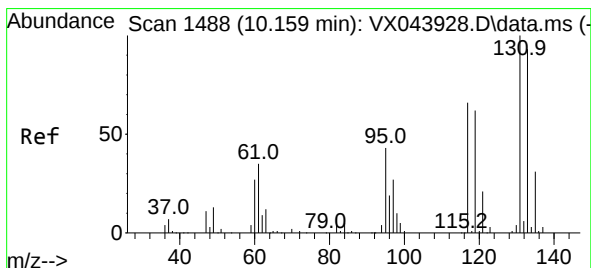
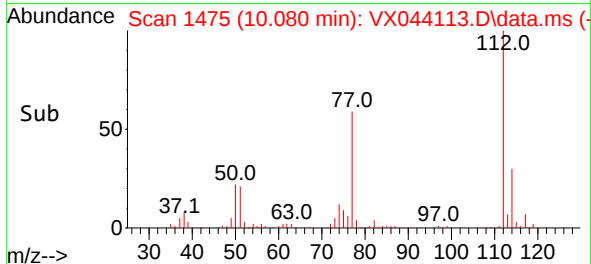
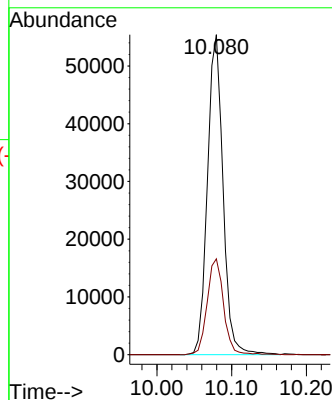
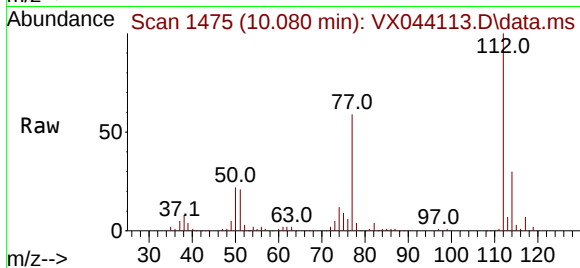
ClientSampleId :

Tgt Ion:112 Resp: 80200

Ion Ratio Lower Upper

112 100

114 30.0 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.671 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

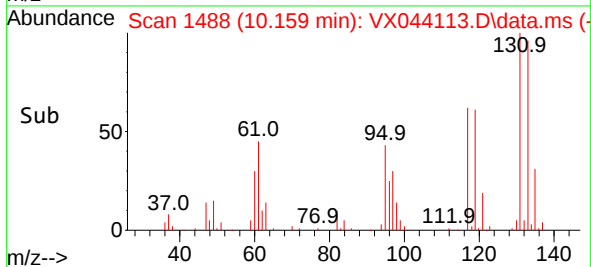
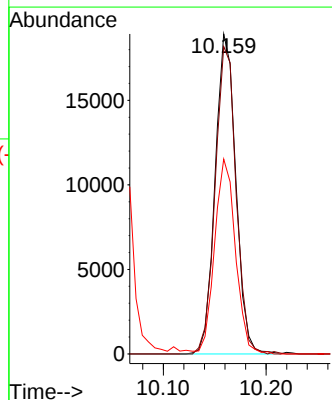
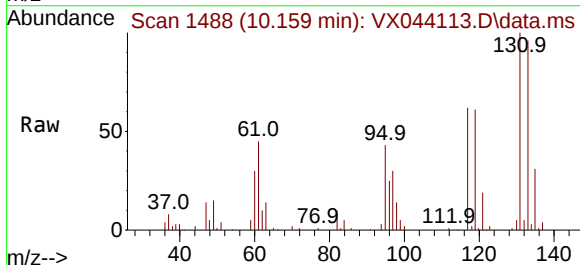
Tgt Ion:131 Resp: 26343

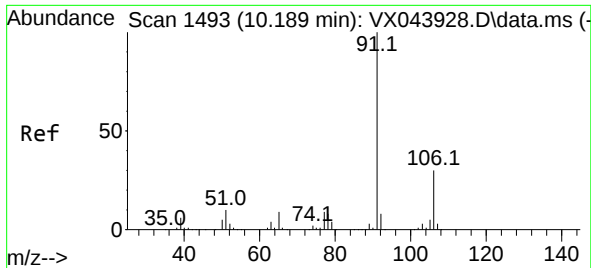
Ion Ratio Lower Upper

131 100

133 97.1 48.2 144.6

119 61.6 31.5 94.5

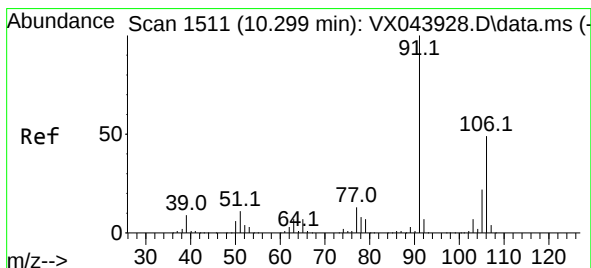
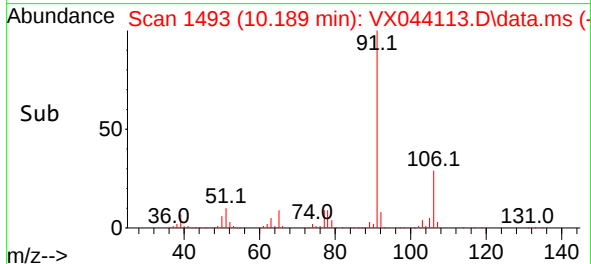
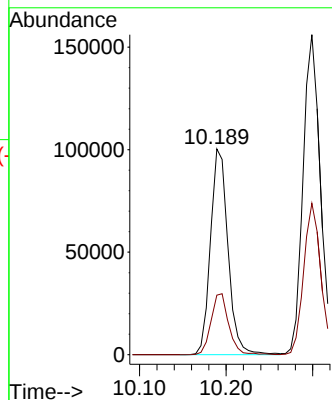
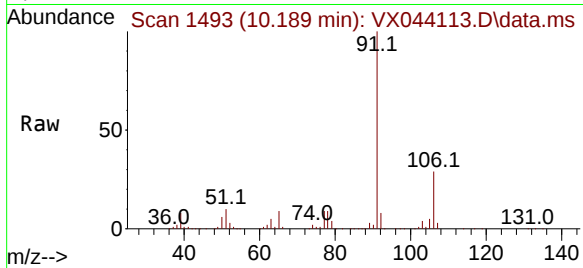




#67  
Ethyl Benzene  
Concen: 21.208 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

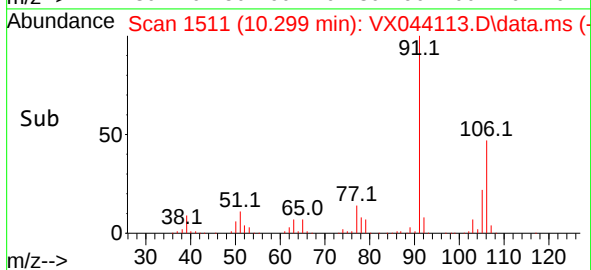
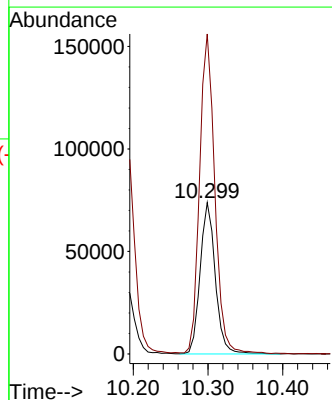
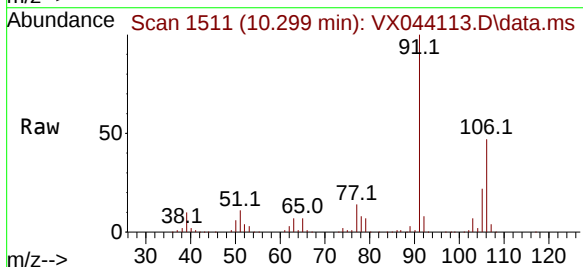
Instrument :  
MSVOA\_X  
ClientSampleId :

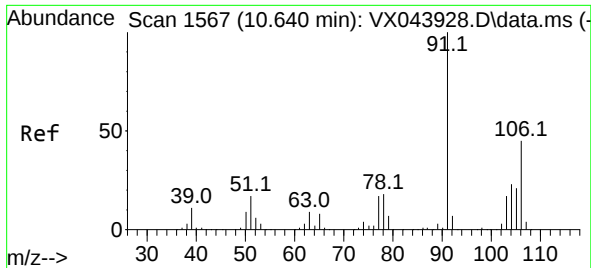
Tgt Ion: 91 Resp: 141214  
Ion Ratio Lower Upper  
91 100  
106 28.9 23.6 35.4



#68  
m/p-Xylenes  
Concen: 41.972 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 106 Resp: 104219  
Ion Ratio Lower Upper  
106 100  
91 210.7 168.1 252.1

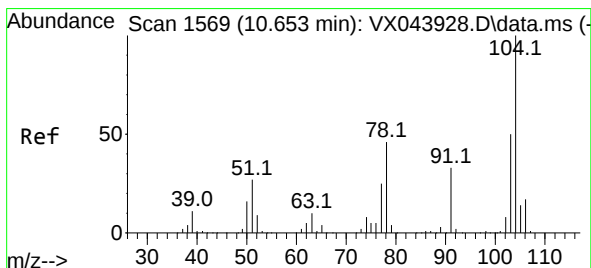
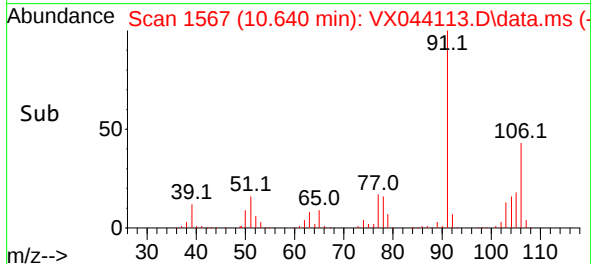
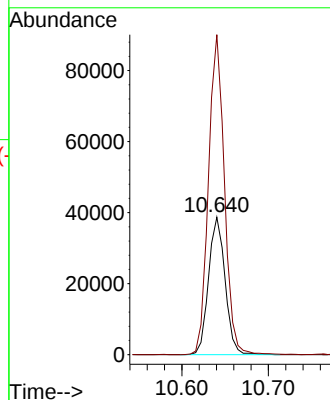
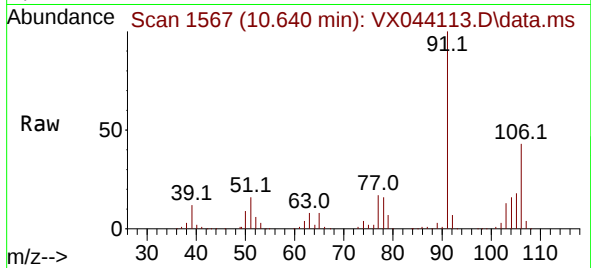




#69  
o-Xylene  
Concen: 21.216 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

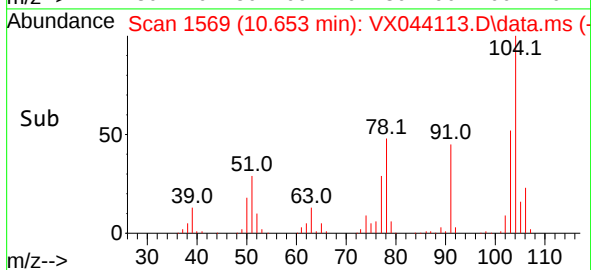
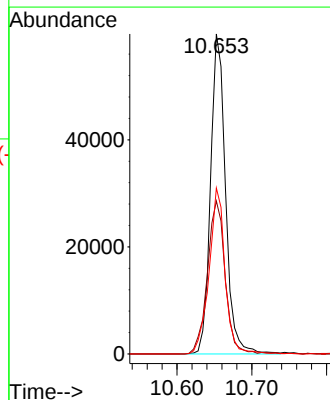
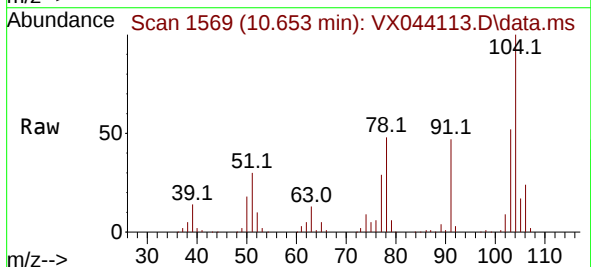
Instrument :  
MSVOA\_X  
ClientSampleId :

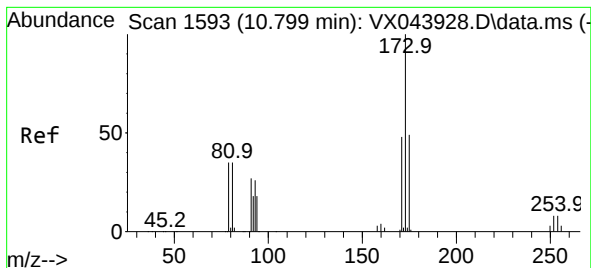
Tgt Ion:106 Resp: 51436  
Ion Ratio Lower Upper  
106 100  
91 224.4 110.2 330.6



#70  
Styrene  
Concen: 20.804 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion:104 Resp: 83419  
Ion Ratio Lower Upper  
104 100  
78 56.7 42.2 63.2  
103 55.4 44.7 67.1





#71

Bromoform

Concen: 17.880 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

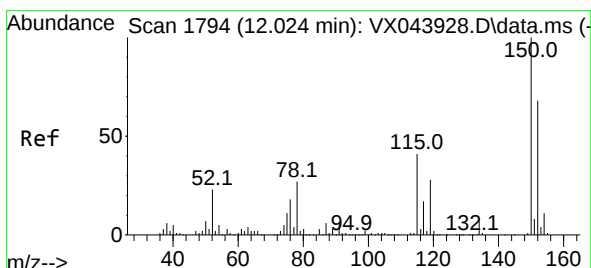
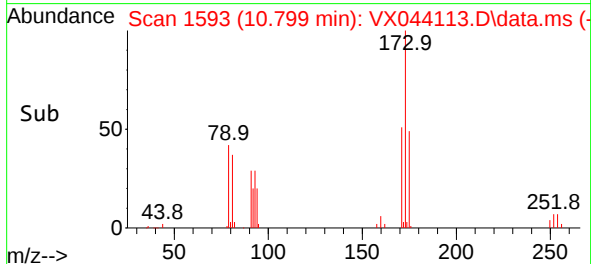
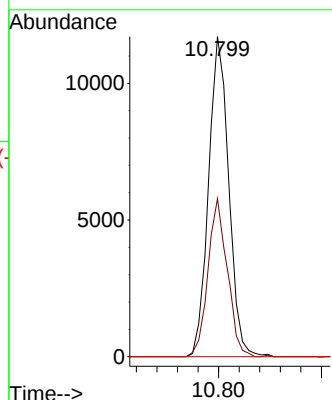
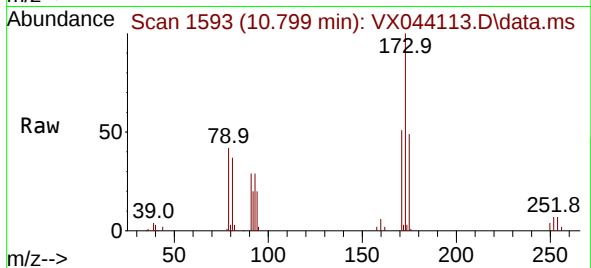
Tgt Ion:173 Resp: 15959

Ion Ratio Lower Upper

173 100

175 47.4 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

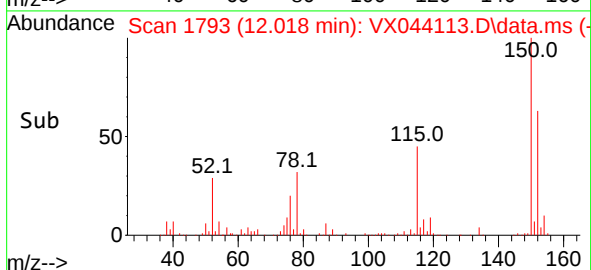
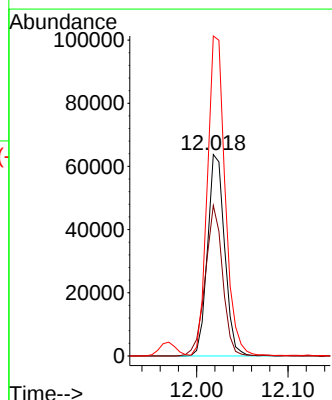
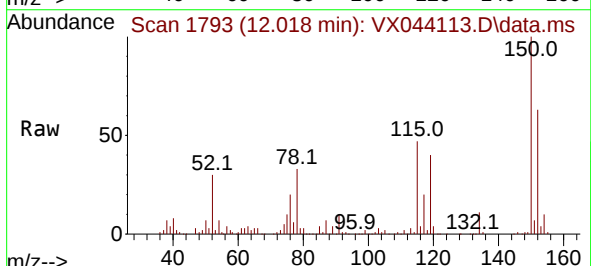
Tgt Ion:152 Resp: 82606

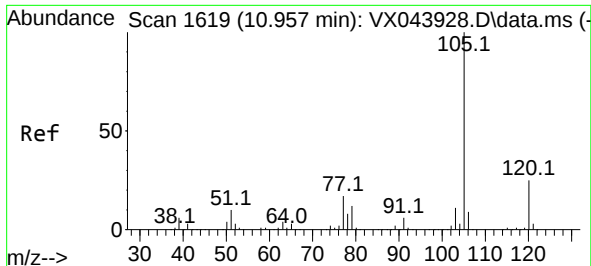
Ion Ratio Lower Upper

152 100

115 75.7 45.4 136.2

150 165.2 0.0 353.0

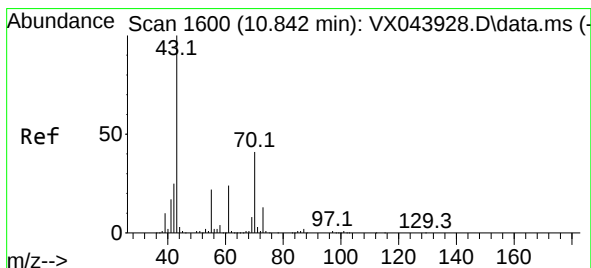
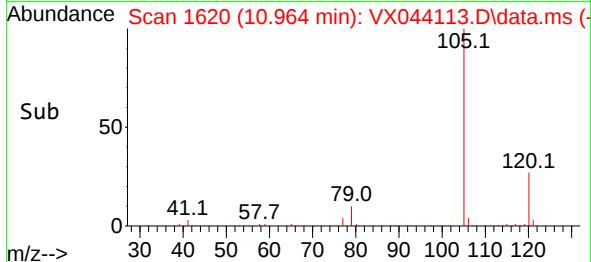
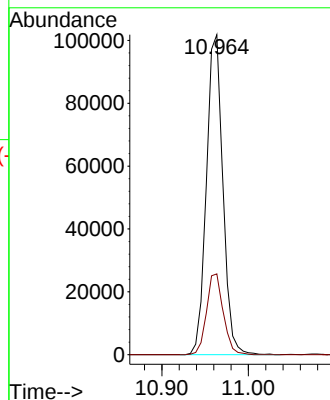
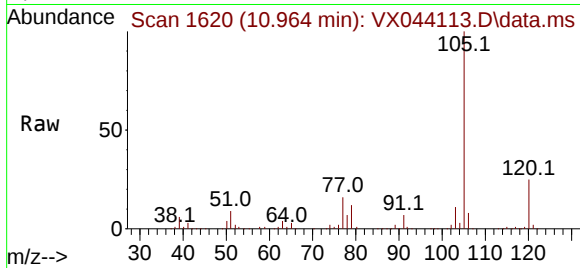




#73  
Isopropylbenzene  
Concen: 21.159 ug/l  
RT: 10.964 min Scan# 1619  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

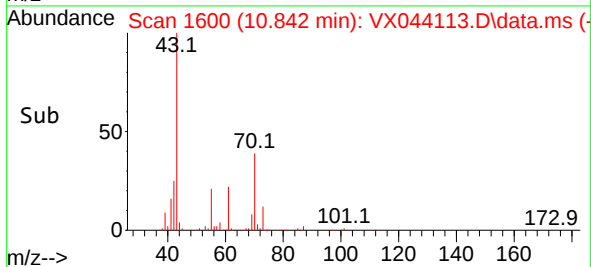
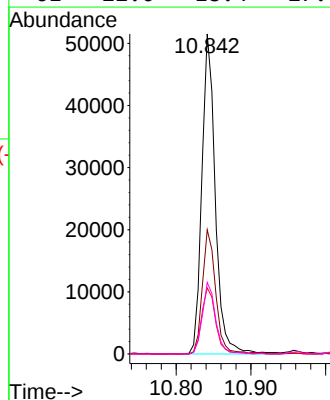
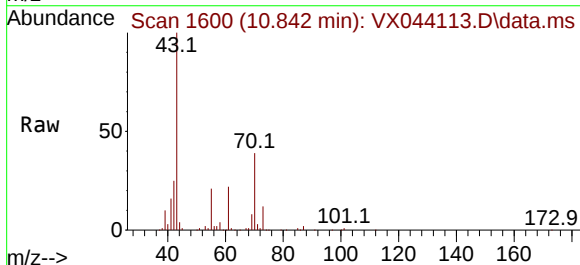
Instrument :  
MSVOA\_X  
ClientSampleId :

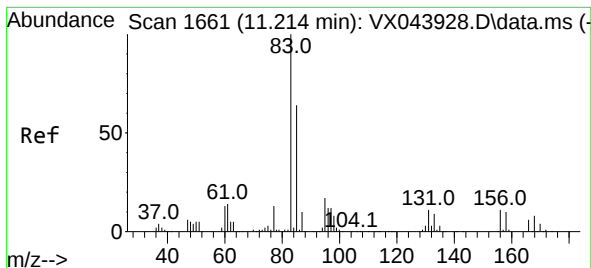
Tgt Ion:105 Resp: 134354  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.0 38.9



#74  
N-ethyl acetate  
Concen: 21.895 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 43 Resp: 64407  
Ion Ratio Lower Upper  
43 100  
70 38.5 32.2 48.2  
55 21.6 18.1 27.1  
61 22.0 18.4 27.6





#75

1,1,2-Tetrachloroethane

Concen: 21.432 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

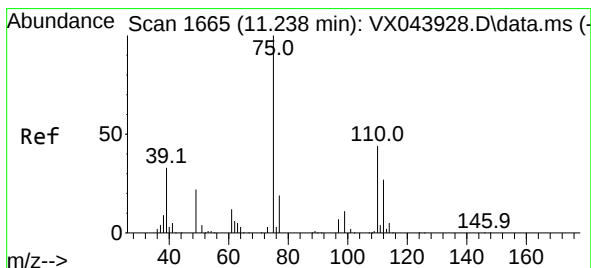
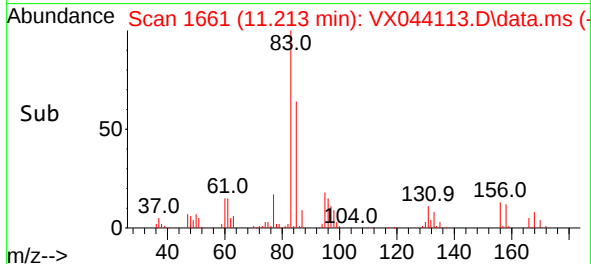
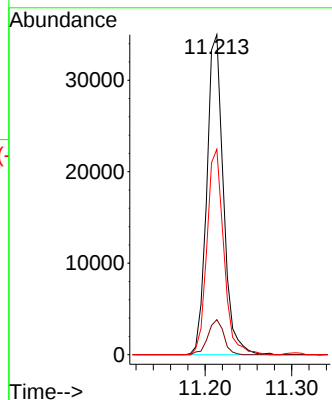
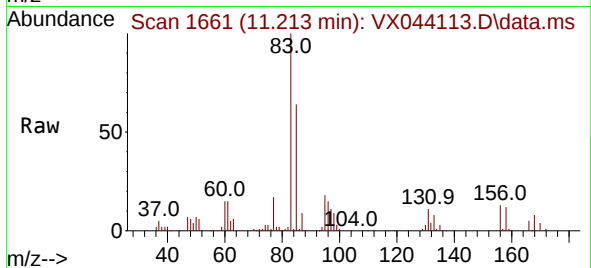
Tgt Ion: 83 Resp: 46598

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 65.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 26.498 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044113.D

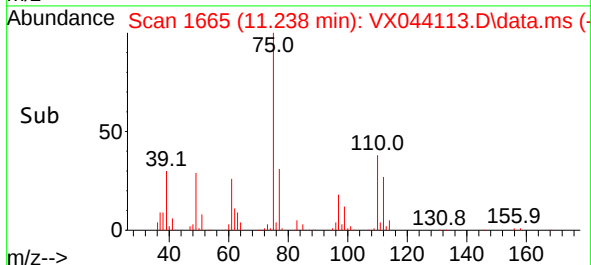
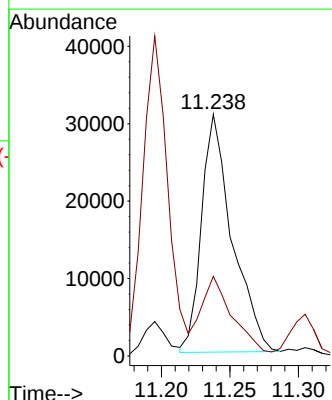
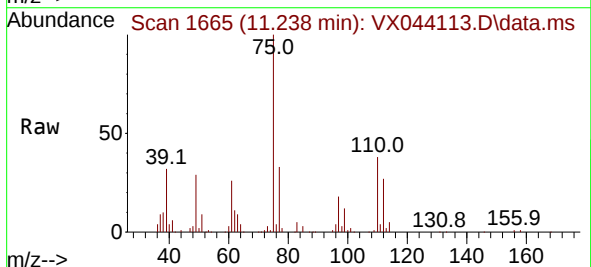
Acq: 04 Dec 2024 13:47

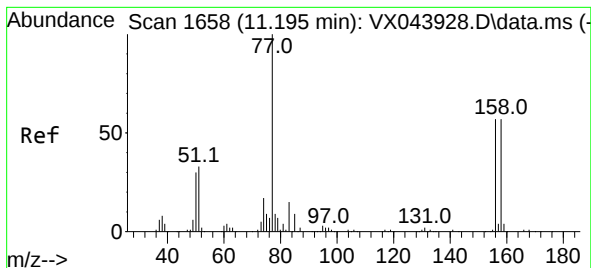
Tgt Ion: 75 Resp: 48002

Ion Ratio Lower Upper

75 100

77 35.2 21.8 65.3





#77

Bromobenzene

Concen: 20.704 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

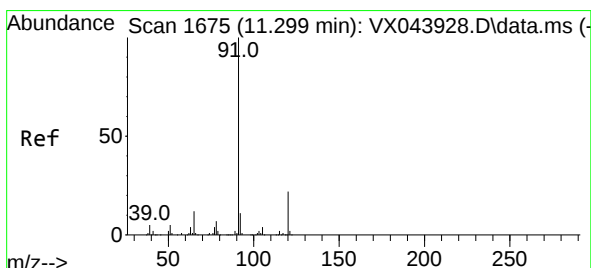
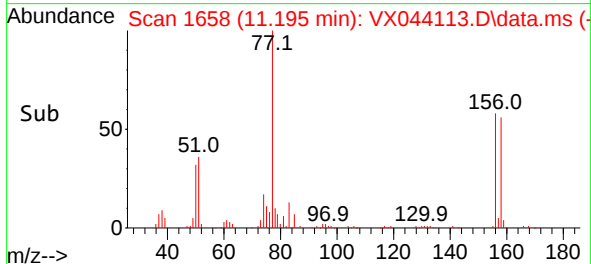
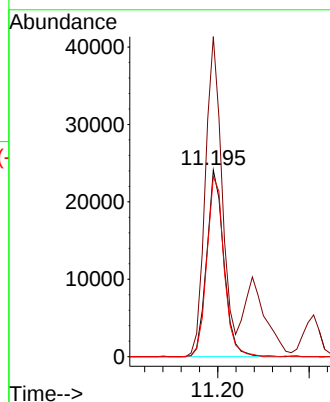
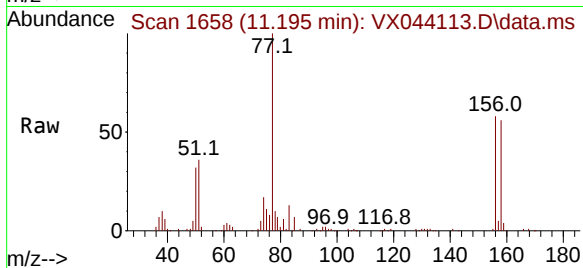
Tgt Ion:156 Resp: 31362

Ion Ratio Lower Upper

156 100

77 167.5 83.4 250.1

158 97.0 47.6 142.8



#78

n-propylbenzene

Concen: 21.476 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044113.D

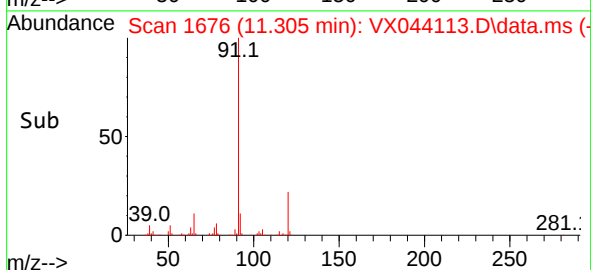
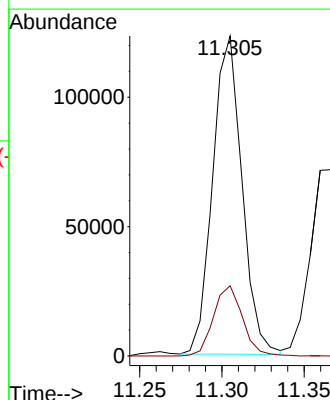
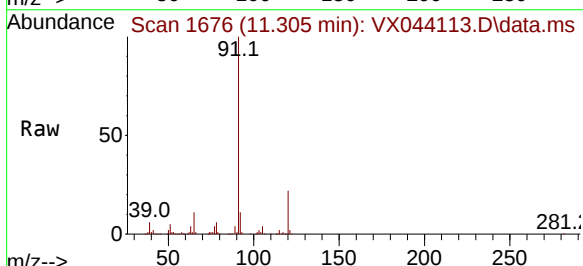
Acq: 04 Dec 2024 13:47

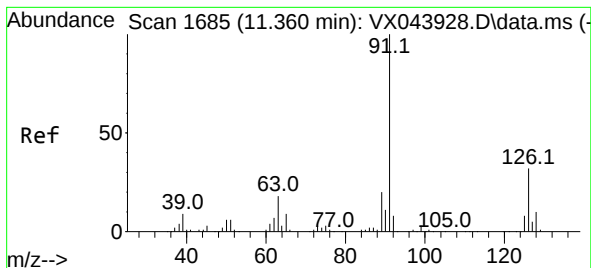
Tgt Ion: 91 Resp: 152303

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.258 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

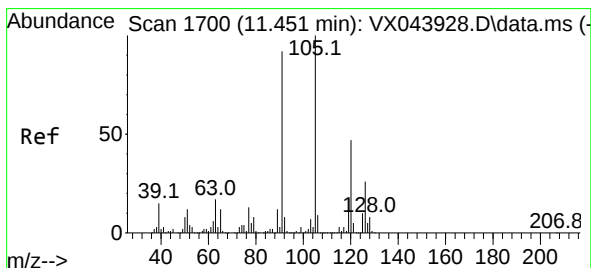
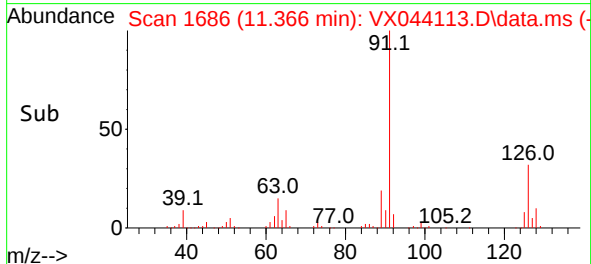
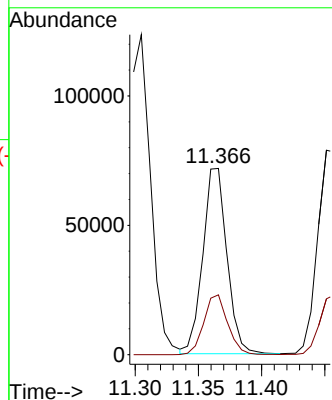
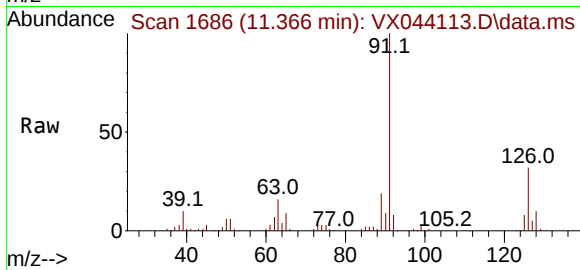
ClientSampleId :

Tgt Ion: 91 Resp: 95329

Ion Ratio Lower Upper

91 100

126 31.9 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 21.838 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044113.D

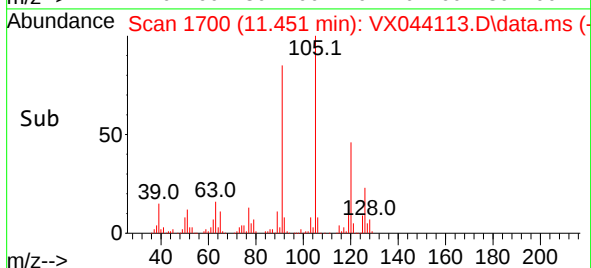
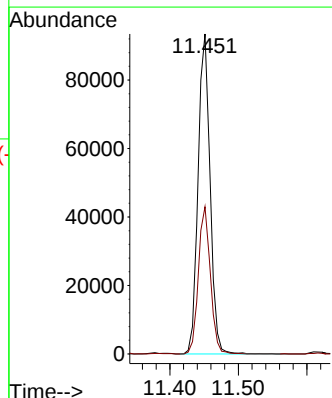
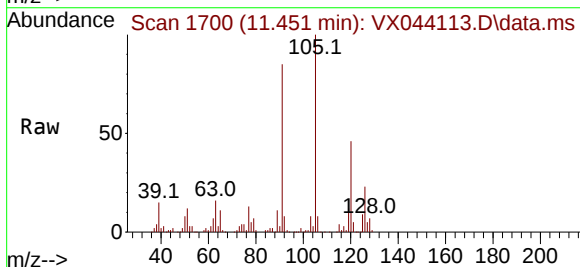
Acq: 04 Dec 2024 13:47

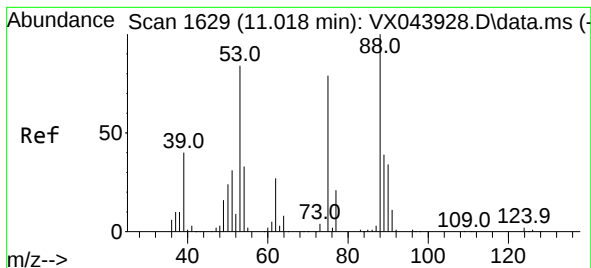
Tgt Ion:105 Resp: 114085

Ion Ratio Lower Upper

105 100

120 46.0 23.3 69.8

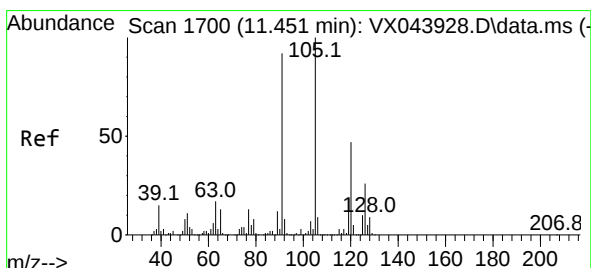
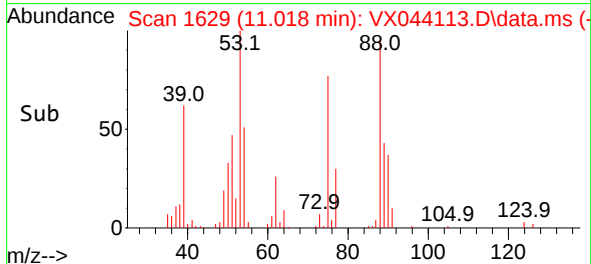
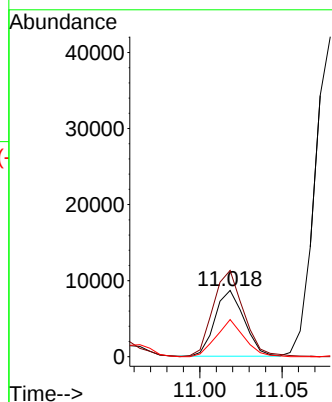
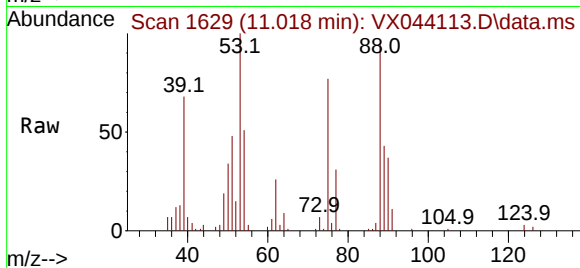




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.074 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

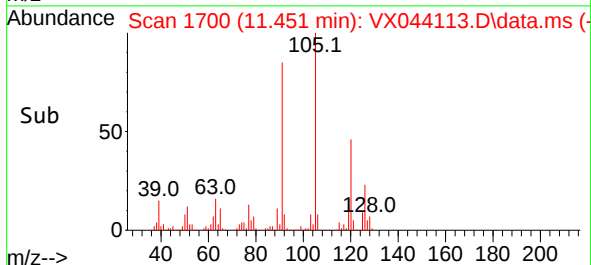
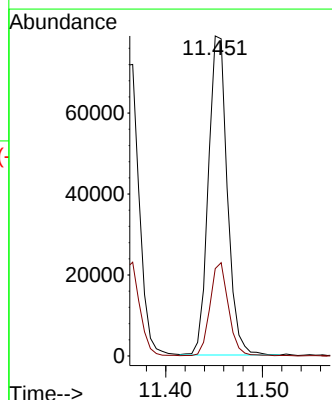
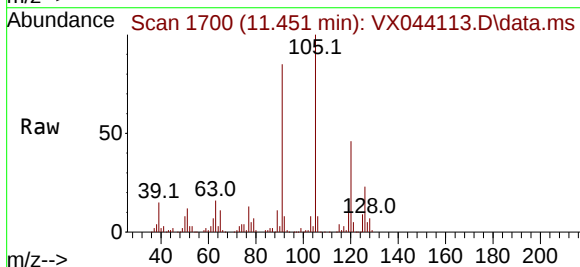
Instrument :  
MSVOA\_X  
ClientSampleId :

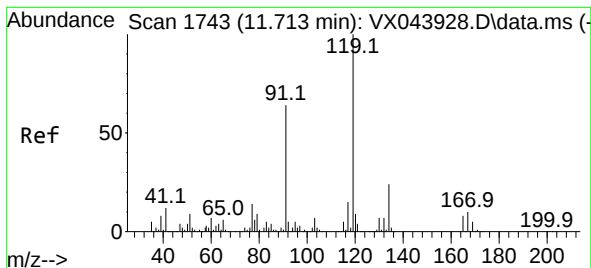
Tgt Ion: 75 Resp: 10671  
Ion Ratio Lower Upper  
75 100  
53 138.2 86.7 130.1#  
89 54.4 38.2 57.2



#82  
4-Chlorotoluene  
Concen: 21.140 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 91 Resp: 107030  
Ion Ratio Lower Upper  
91 100  
126 28.8 14.3 42.9





#83

tert-Butylbenzene

Concen: 21.135 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

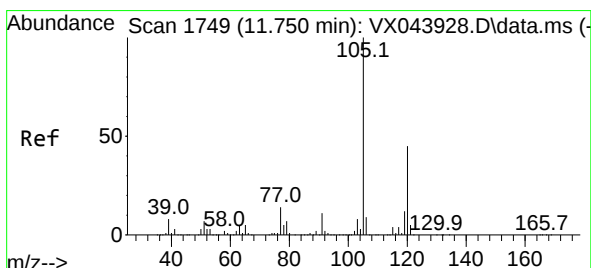
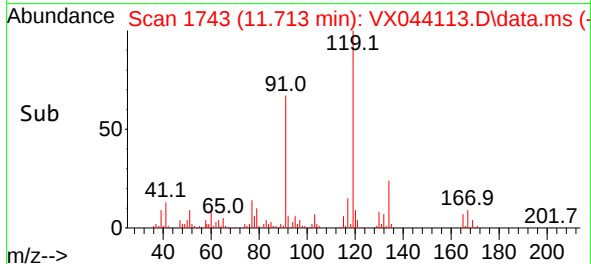
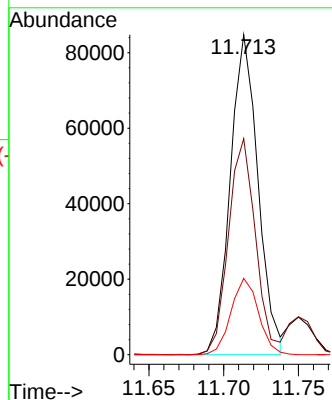
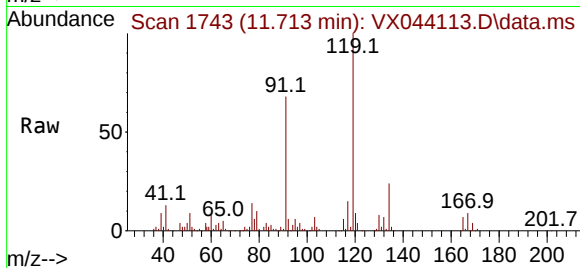
Tgt Ion:119 Resp: 109435

Ion Ratio Lower Upper

119 100

91 66.1 31.0 93.0

134 23.7 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 21.784 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044113.D

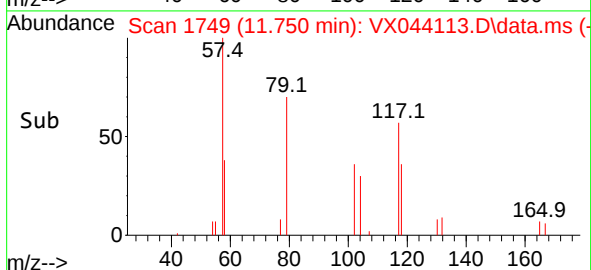
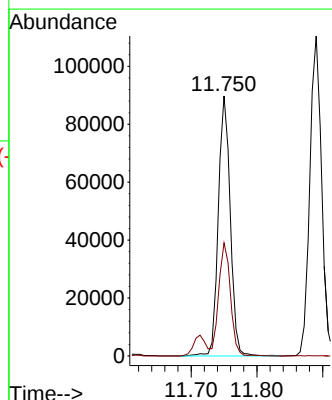
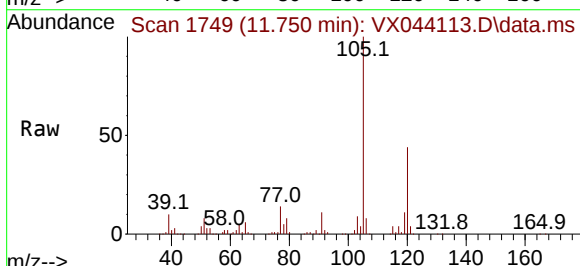
Acq: 04 Dec 2024 13:47

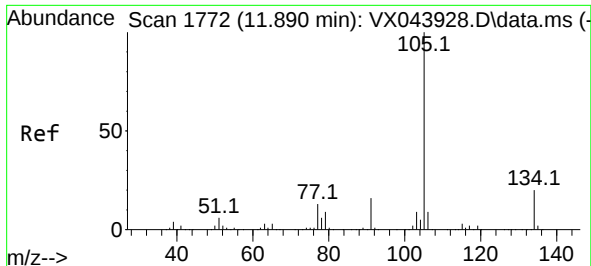
Tgt Ion:105 Resp: 113300

Ion Ratio Lower Upper

105 100

120 43.2 21.9 65.7

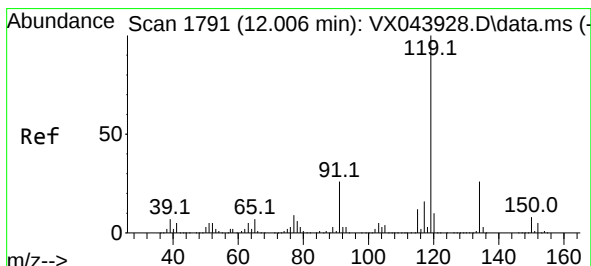
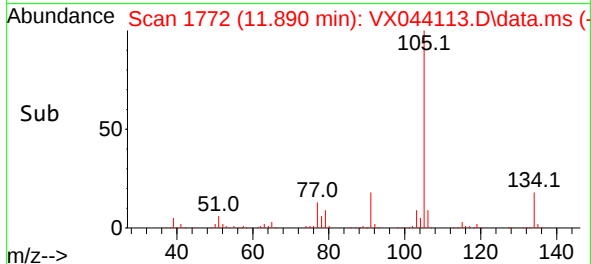
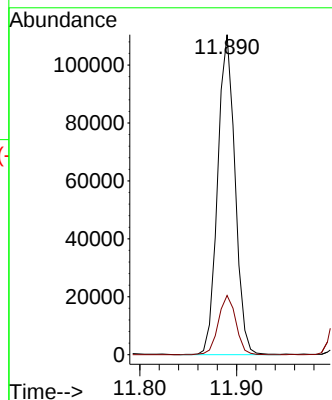
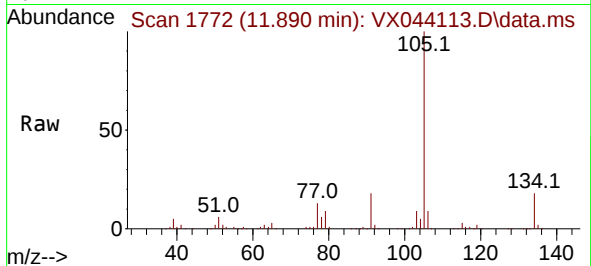




#85  
sec-Butylbenzene  
Concen: 21.698 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

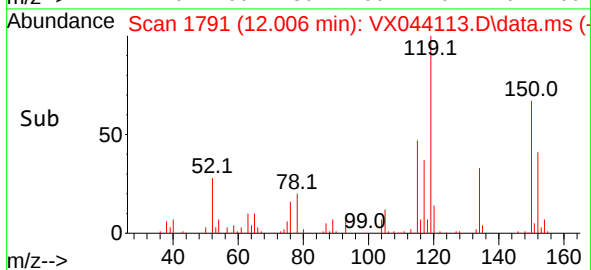
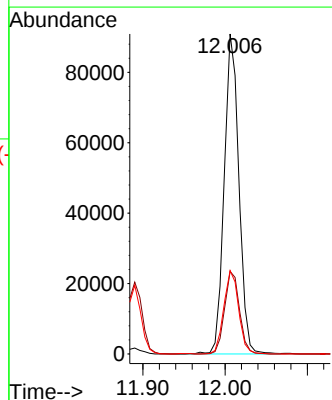
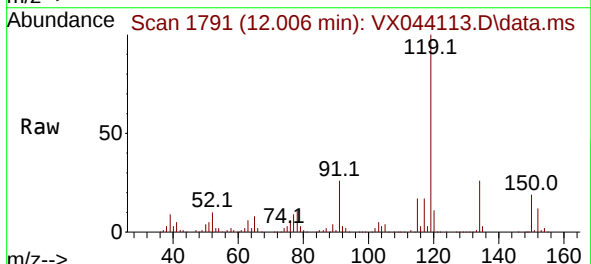
Instrument :  
MSVOA\_X  
ClientSampleId :

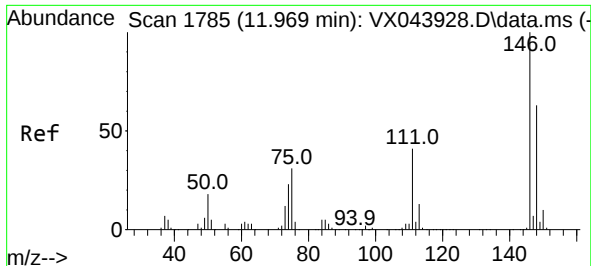
Tgt Ion:105 Resp: 137654  
Ion Ratio Lower Upper  
105 100  
134 18.6 9.7 29.1



#86  
p-Isopropyltoluene  
Concen: 21.917 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion:119 Resp: 112943  
Ion Ratio Lower Upper  
119 100  
134 26.2 13.0 38.9  
91 26.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 20.872 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

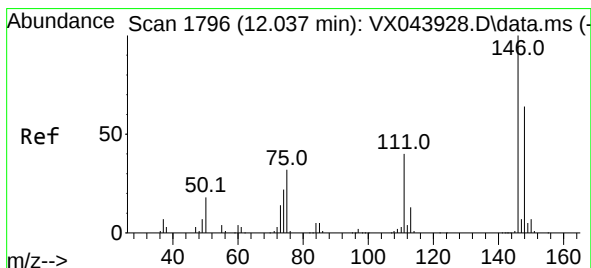
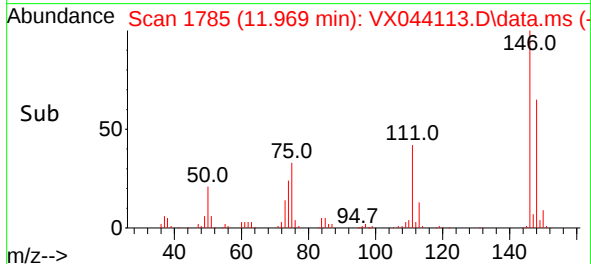
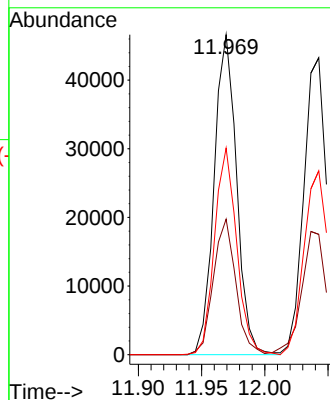
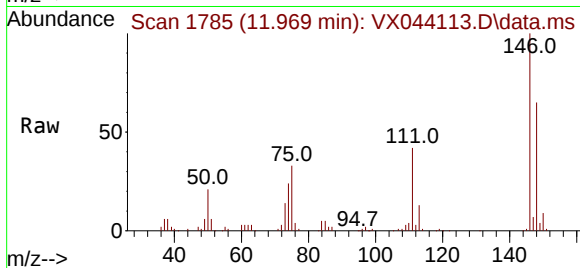
Tgt Ion:146 Resp: 57583

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.3

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.244 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

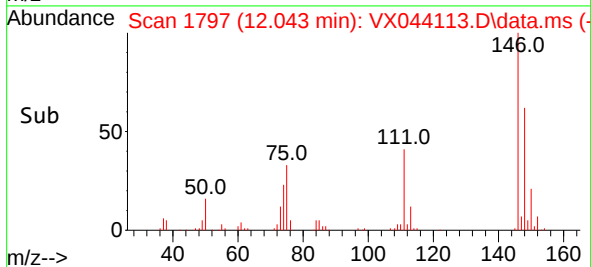
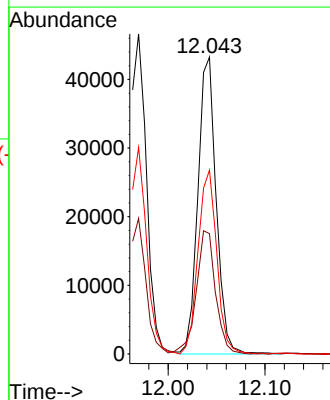
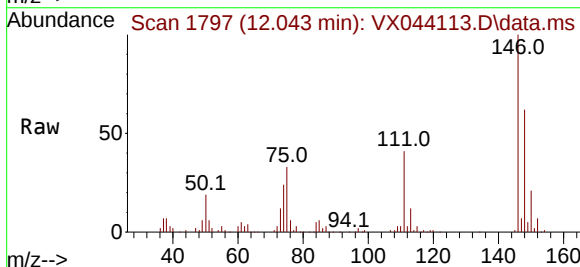
Tgt Ion:146 Resp: 56941

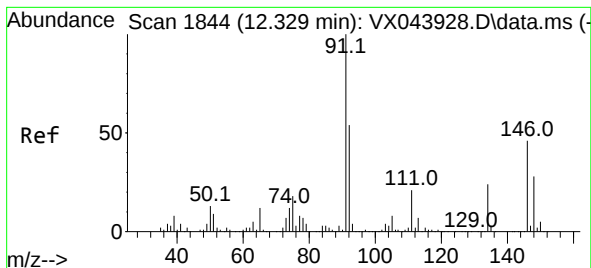
Ion Ratio Lower Upper

146 100

111 43.9 20.1 60.3

148 63.5 30.9 92.8





#89

n-Butylbenzene

Concen: 21.625 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

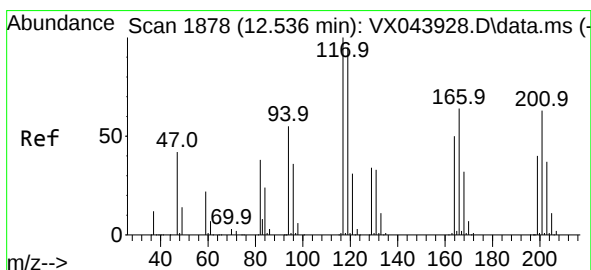
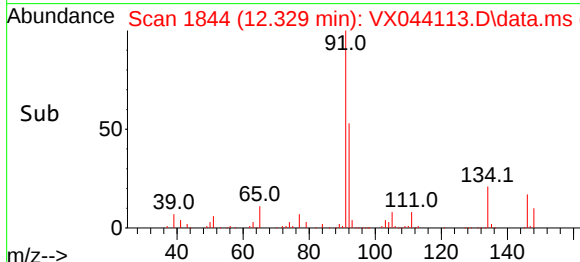
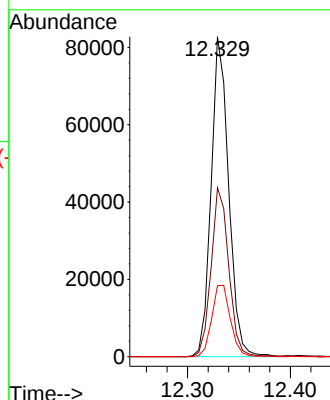
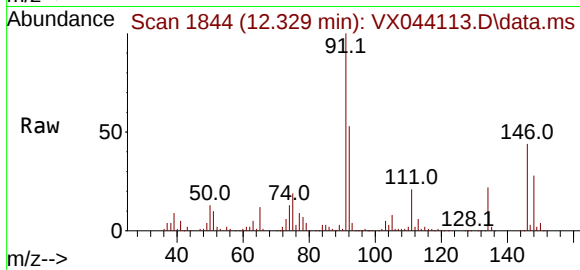
Tgt Ion: 91 Resp: 98251

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.8

134 23.8 12.4 37.2



#90

Hexachloroethane

Concen: 17.885 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044113.D

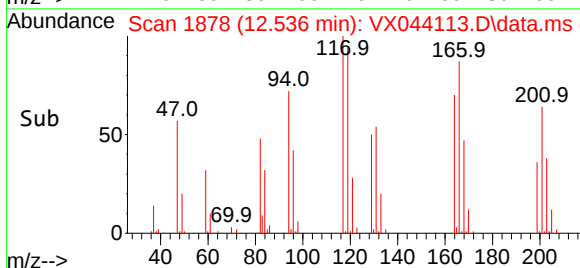
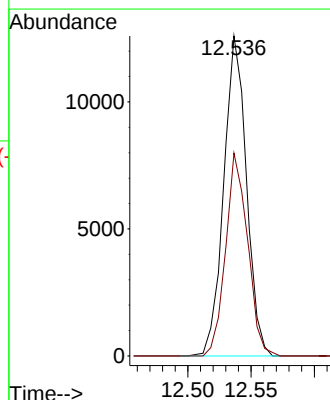
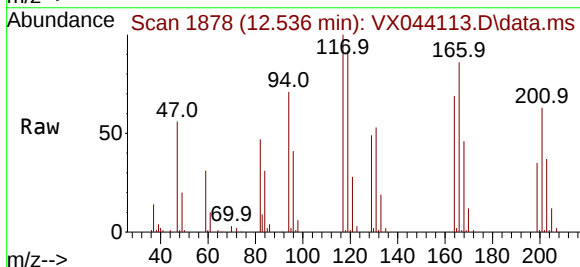
Acq: 04 Dec 2024 13:47

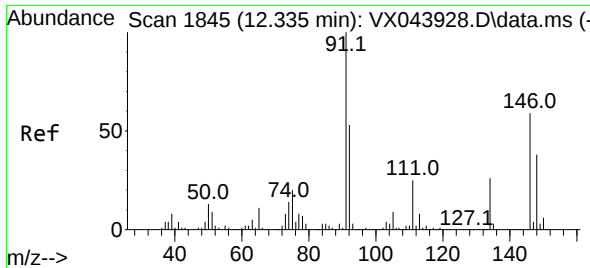
Tgt Ion: 117 Resp: 15672

Ion Ratio Lower Upper

117 100

201 61.4 32.4 97.0

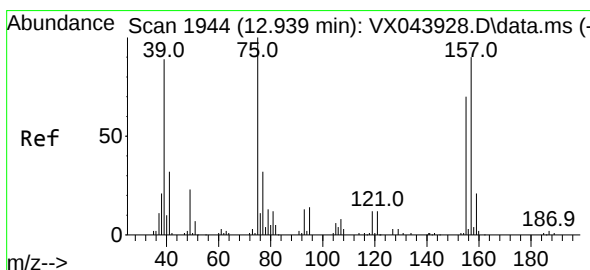
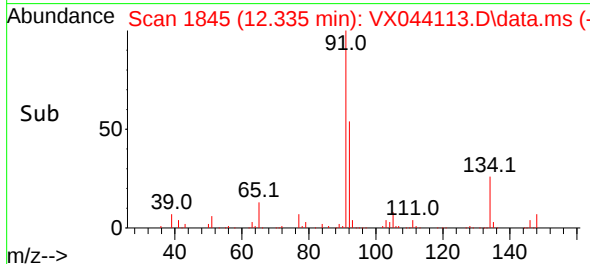
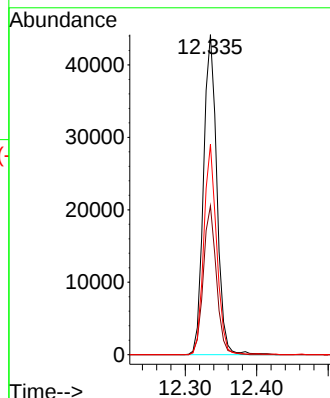
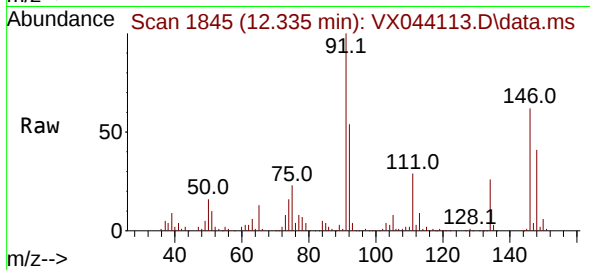




#91  
1,2-Dichlorobenzene  
Concen: 20.575 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

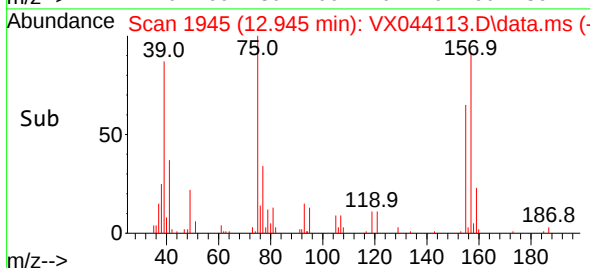
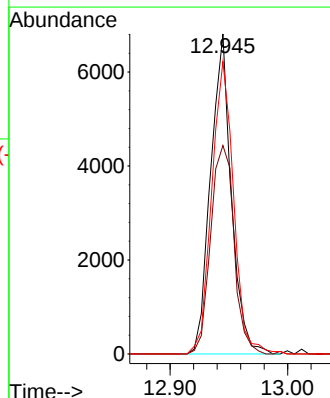
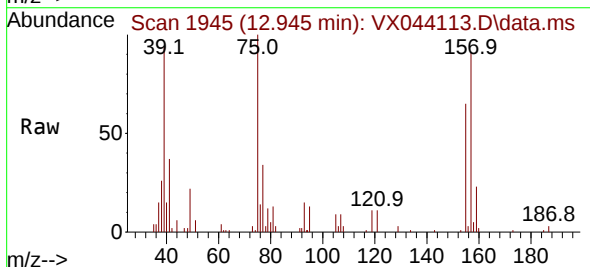
Instrument :  
MSVOA\_X  
ClientSampleId :

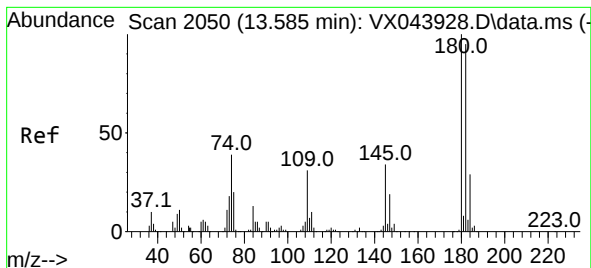
Tgt Ion:146 Resp: 57283  
Ion Ratio Lower Upper  
146 100  
111 45.3 21.5 64.5  
148 62.9 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.152 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX044113.D  
Acq: 04 Dec 2024 13:47

Tgt Ion: 75 Resp: 8344  
Ion Ratio Lower Upper  
75 100  
155 73.5 40.1 120.2  
157 96.6 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 19.104 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

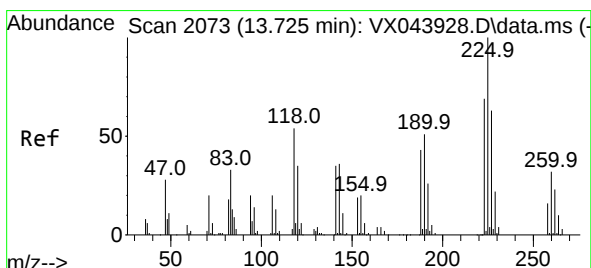
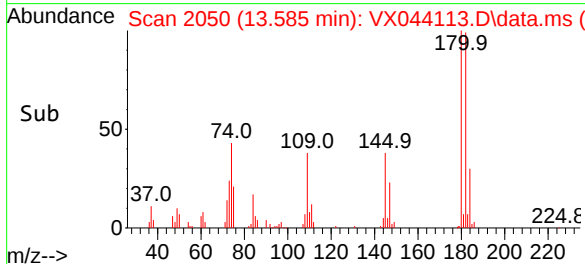
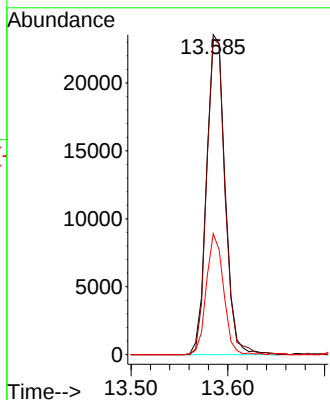
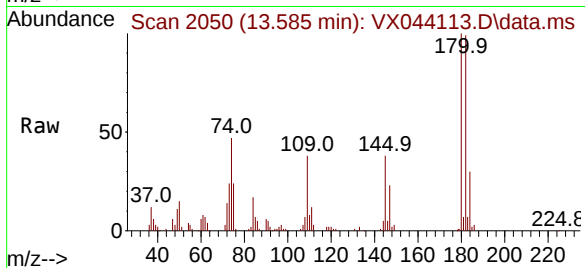
Tgt Ion:180 Resp: 31357

Ion Ratio Lower Upper

180 100

182 97.5 48.0 144.2

145 35.1 16.8 50.4



#94

Hexachlorobutadiene

Concen: 20.696 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

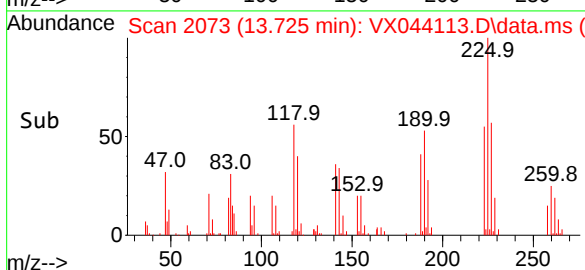
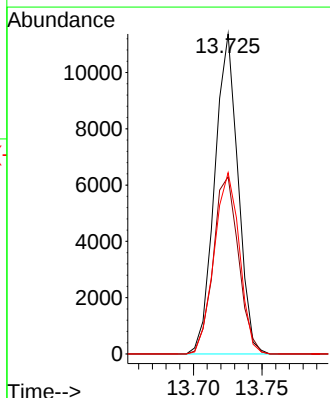
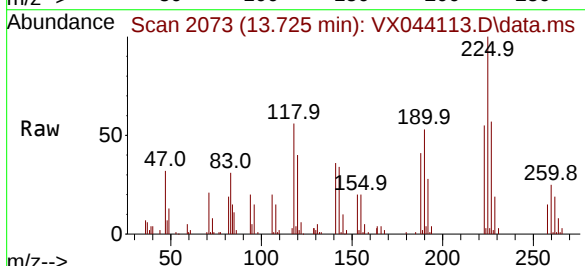
Tgt Ion:225 Resp: 13426

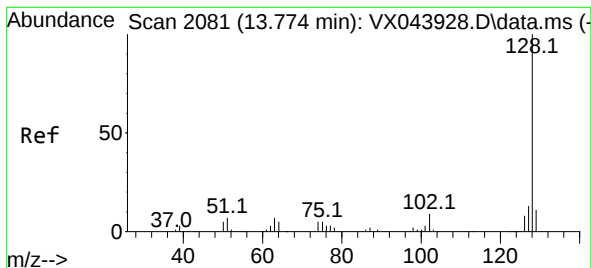
Ion Ratio Lower Upper

225 100

223 60.3 32.9 98.6

227 61.5 31.6 94.8





#95

Naphthalene

Concen: 21.780 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

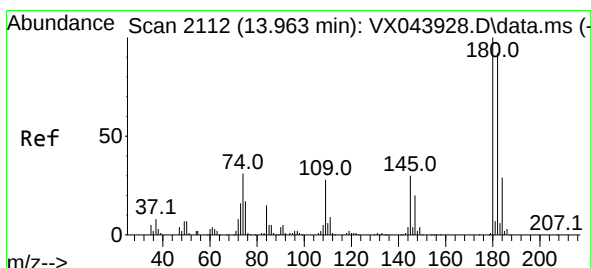
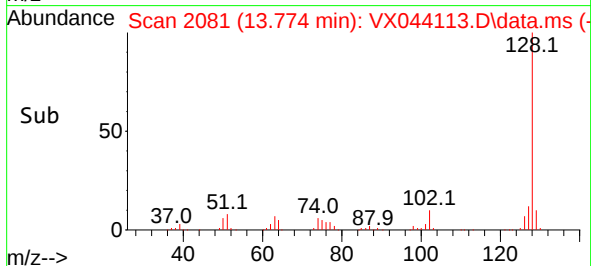
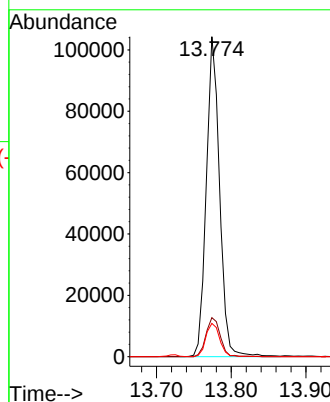
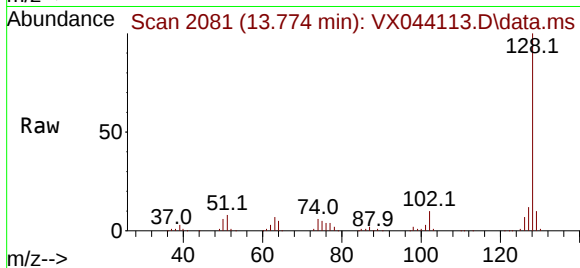
Tgt Ion:128 Resp: 128692

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.273 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion:180 Resp: 33682

Ion Ratio Lower Upper

180 100

182 95.2 45.6 136.8

145 34.6 16.4 49.4

