

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX103124\  
 Data File : VX043641.D  
 Acq On : 31 Oct 2024 11:13  
 Operator : JC/MD  
 Sample : VX1031WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 01 00:49:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 28 13:41:34 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 182029   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 311670   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 268830   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 129133   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 118383   | 40.787   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 81.580% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 101595   | 48.071   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.140% |
| 50) Toluene-d8              | 8.647  | 98    | 364387   | 49.808   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 99.620% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 132052   | 48.711   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 97.420% |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 31971  | 16.423 | ug/l   | 95  |
| 3) Chloromethane             | 1.294 | 50  | 37882  | 15.223 | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.374 | 62  | 39763  | 17.217 | ug/l   | 97  |
| 5) Bromomethane              | 1.593 | 94  | 16585  | 17.615 | ug/l   | 99  |
| 6) Chloroethane              | 1.660 | 64  | 15312  | 18.819 | ug/l   | 93  |
| 7) Trichlorofluoromethane    | 1.868 | 101 | 56883  | 20.161 | ug/l   | 98  |
| 8) Diethyl Ether             | 2.136 | 74  | 23978  | 18.394 | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 2.313 | 101 | 38574  | 20.216 | ug/l   | 98  |
| 10) Methyl Iodide            | 2.441 | 142 | 51550  | 18.700 | ug/l   | 96  |
| 11) Tert butyl alcohol       | 3.075 | 59  | 2393   | 4.417  | ug/l # | 100 |
| 12) 1,1-Dichloroethene       | 2.306 | 96  | 37706  | 19.338 | ug/l   | 96  |
| 13) Acrolein                 | 2.239 | 56  | 32571  | 76.879 | ug/l   | 99  |
| 14) Allyl chloride           | 2.654 | 41  | 58833  | 17.445 | ug/l   | 96  |
| 15) Acrylonitrile            | 3.069 | 53  | 110714 | 90.516 | ug/l   | 100 |
| 16) Acetone                  | 2.386 | 43  | 99280  | 86.136 | ug/l   | 96  |
| 17) Carbon Disulfide         | 2.502 | 76  | 64850  | 15.905 | ug/l   | 98  |
| 18) Methyl Acetate           | 2.709 | 43  | 59409  | 17.636 | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 133551 | 18.010 | ug/l   | 97  |
| 20) Methylene Chloride       | 2.782 | 84  | 43596  | 17.550 | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 3.081 | 96  | 37943  | 18.419 | ug/l   | 94  |
| 22) Diisopropyl ether        | 3.764 | 45  | 128260 | 18.399 | ug/l   | 94  |
| 23) Vinyl Acetate            | 3.721 | 43  | 516584 | 89.699 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 73334  | 18.303 | ug/l   | 98  |
| 25) 2-Butanone               | 4.568 | 43  | 150228 | 89.352 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 58625  | 17.875 | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 49032  | 18.633 | ug/l   | 96  |
| 28) Bromochloromethane       | 4.891 | 49  | 31846  | 16.708 | ug/l   | 94  |
| 29) Tetrahydrofuran          | 5.007 | 42  | 96955  | 88.736 | ug/l   | 96  |
| 30) Chloroform               | 5.086 | 83  | 77066  | 18.349 | ug/l   | 97  |
| 31) Cyclohexane              | 5.458 | 56  | 58860  | 19.207 | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 5.373 | 97  | 66439  | 18.842 | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 48822  | 19.482 | ug/l   | 97  |
| 37) Ethyl Acetate            | 4.715 | 43  | 55249  | 18.160 | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 54834  | 19.803 | ug/l   | 97  |
| 39) Methylcyclohexane        | 7.373 | 83  | 63735  | 20.485 | ug/l   | 96  |
| 40) Benzene                  | 6.037 | 78  | 162324 | 19.416 | ug/l   | 97  |

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 Sample : VX1031WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 01 00:49:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 28 13:41:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 32166    | 20.142  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 55324    | 18.407  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 93423    | 18.568  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 41686    | 20.071  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 38440    | 18.674  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 30039    | 18.952  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.818  | 83   | 52774    | 18.980  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 43401    | 18.194  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 18762    | 382.822 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 296357   | 96.639  | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 105440   | 20.796  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 55431    | 18.561  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 62679    | 19.698  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 42228    | 20.009  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 66333    | 19.343  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 69442    | 19.783  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 166082   | 99.999  | ug/l   | 97       |
| 59) 2-Hexanone                | 9.433  | 43   | 224890   | 96.556  | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.519  | 129  | 40782    | 19.515  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 43385    | 19.803  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.269  | 164  | 36007    | 21.296  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 115262   | 19.929  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 37630    | 19.919  | ug/l   | 96       |
| 67) Ethyl Benzene             | 10.195 | 91   | 191534   | 20.309  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 148770   | 41.250  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 73154    | 20.188  | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 124006   | 20.589  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 25521    | 18.789  | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.963 | 105  | 187935   | 20.545  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 83217    | 18.675  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 65355    | 19.869  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 68046    | 24.645  | ug/l   | 84       |
| 77) Bromobenzene              | 11.195 | 156  | 48002    | 20.323  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 204791   | 20.533  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 131990   | 19.958  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 159266   | 20.882  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 17586    | 17.522  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 147395   | 19.856  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 160223   | 20.656  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 160037   | 20.590  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 195210   | 21.471  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 163177   | 21.114  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 86126    | 20.344  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 88487    | 20.172  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.329 | 91   | 132451   | 21.033  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 24298    | 19.356  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 88815    | 20.516  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 11482    | 17.123  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 53081    | 20.201  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 19977    | 20.620  | ug/l   | 100      |
| 95) Naphthalene               | 13.774 | 128  | 198000   | 19.691  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 55222    | 19.932  | ug/l   | 100      |

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Nov 01 00:49:22 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 28 13:41:34 2024  
Response via : Initial Calibration

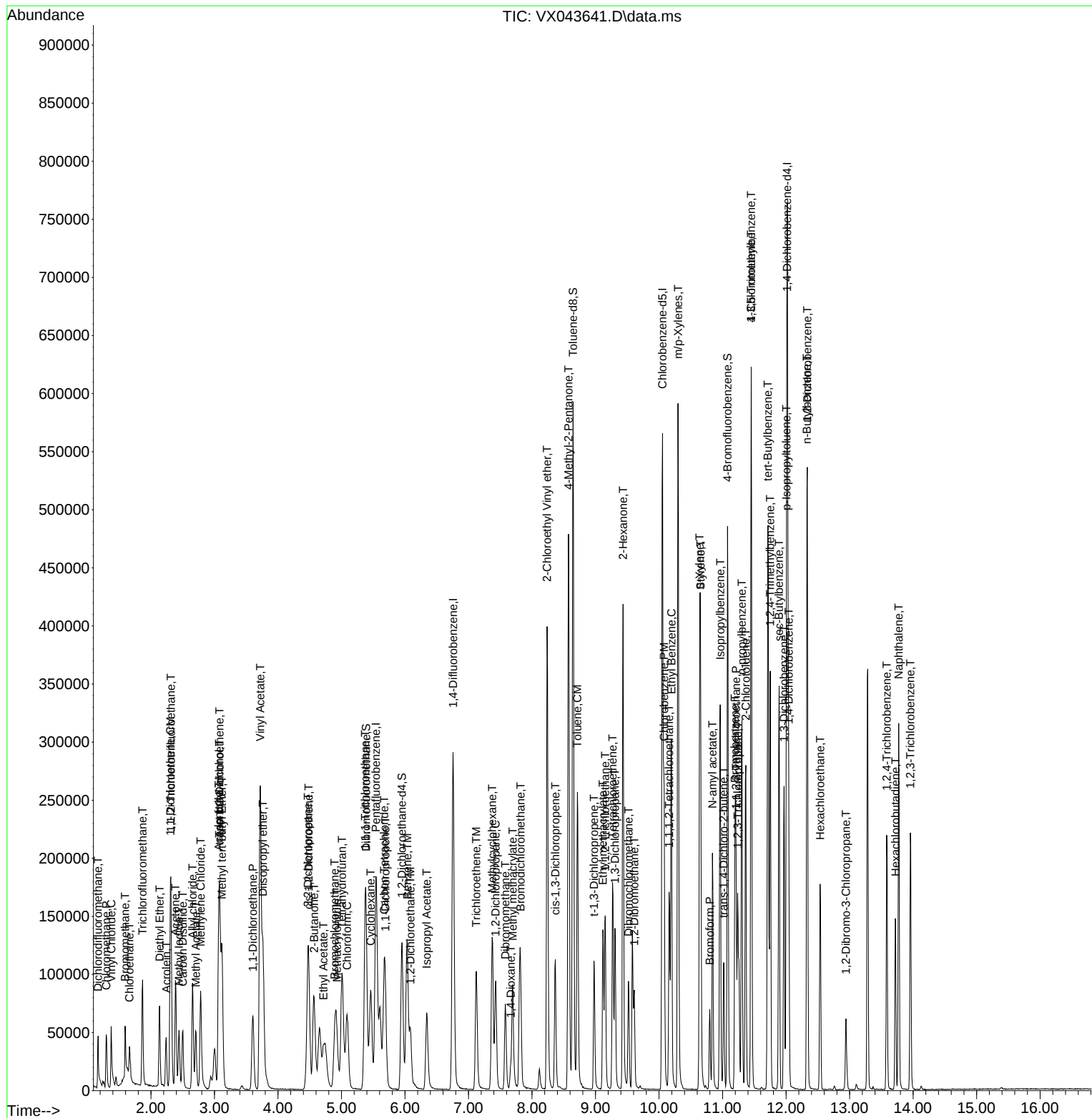
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

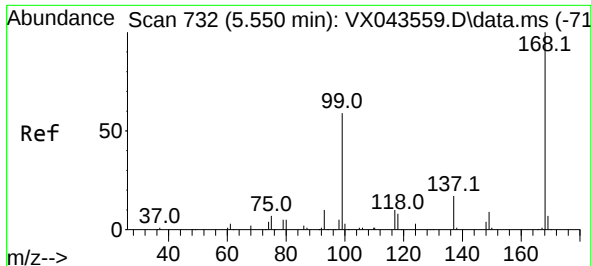
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX103124\  
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Sample : VX1031WBSD01  
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Instrument :  
MSVOA\_X  
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Quant Title : SW846 8260  
QLast Update : Mon Oct 28 13:41:34 2024  
Response via : Initial Calibration

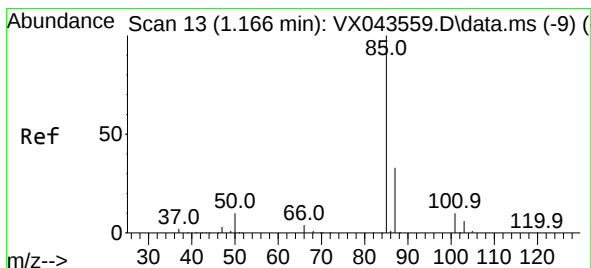
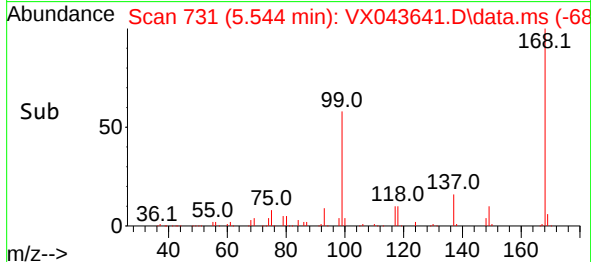
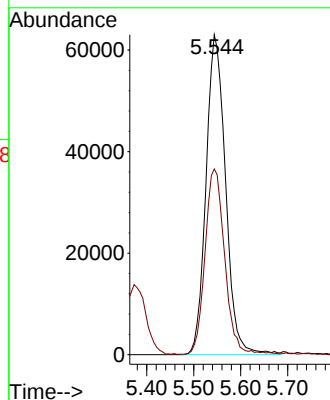
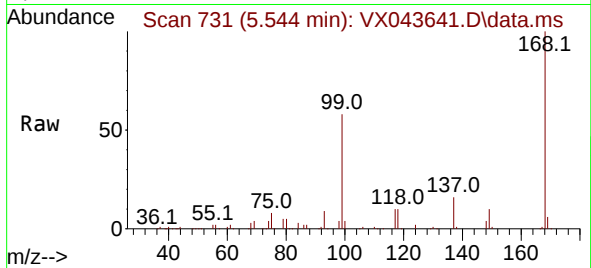




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

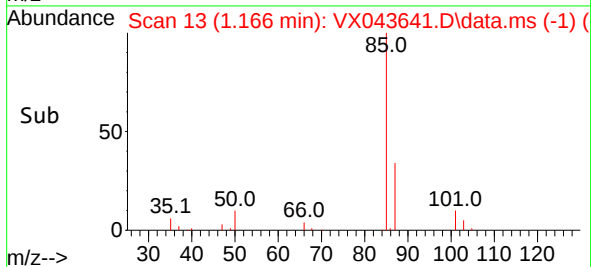
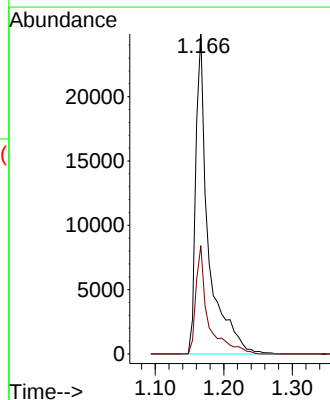
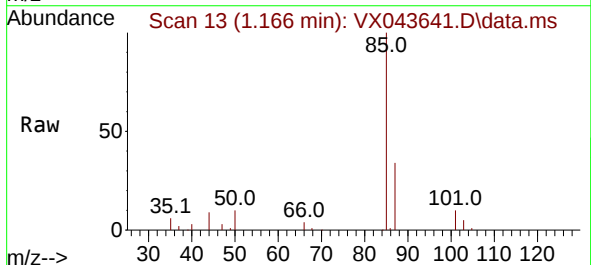
Instrument :  
MSVOA\_X  
ClientSampleId :

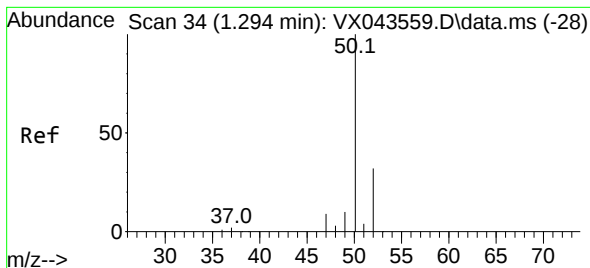
Tgt Ion:168 Resp: 182029  
Ion Ratio Lower Upper  
168 100  
99 57.9 52.6 78.8



#2  
Dichlorodifluoromethane  
Concen: 16.423 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 85 Resp: 31971  
Ion Ratio Lower Upper  
85 100  
87 33.9 15.7 47.0





#3

Chloromethane

Concen: 15.223 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

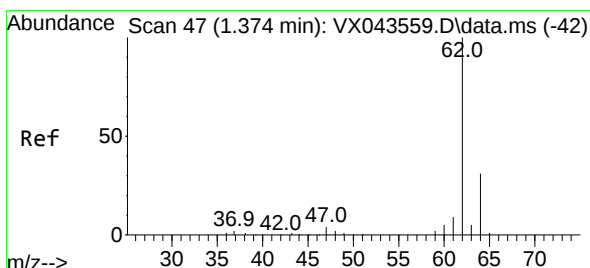
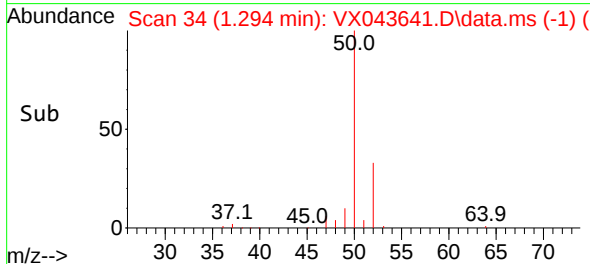
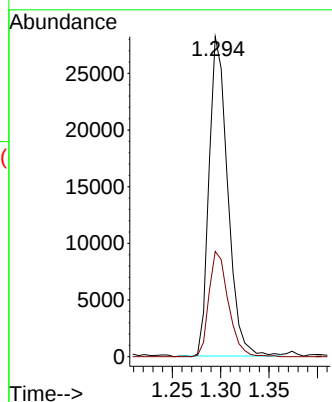
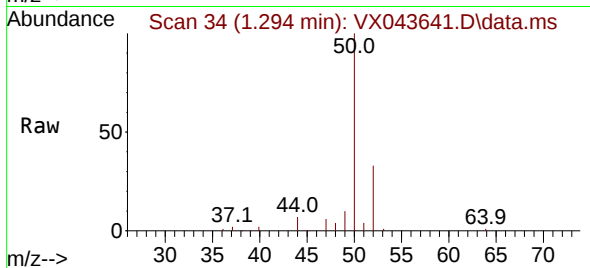
ClientSampleId :

Tgt Ion: 50 Resp: 37882

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 17.217 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX043641.D

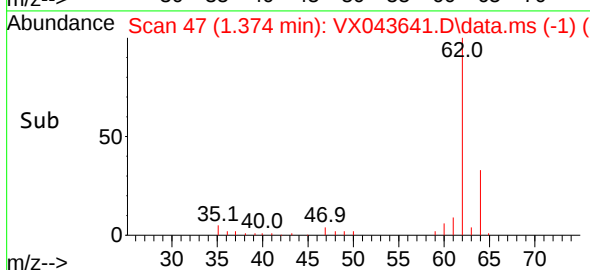
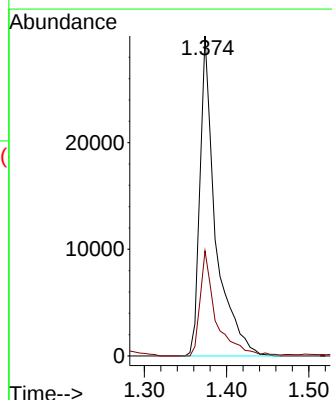
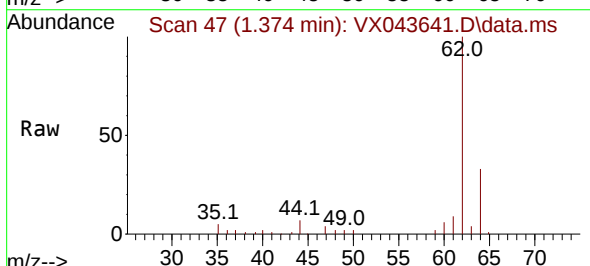
Acq: 31 Oct 2024 11:13

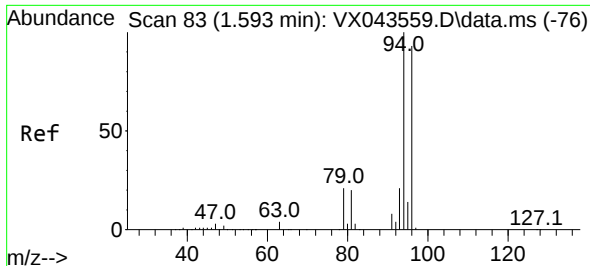
Tgt Ion: 62 Resp: 39763

Ion Ratio Lower Upper

62 100

64 32.9 25.0 37.4

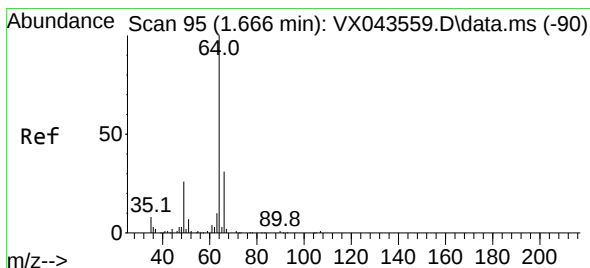
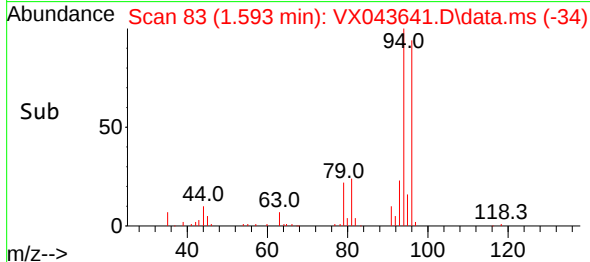
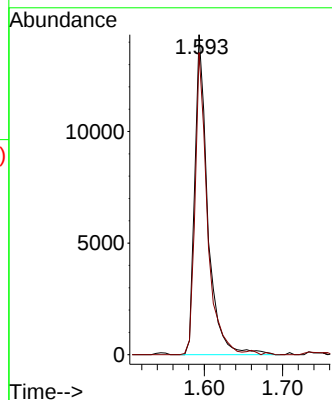
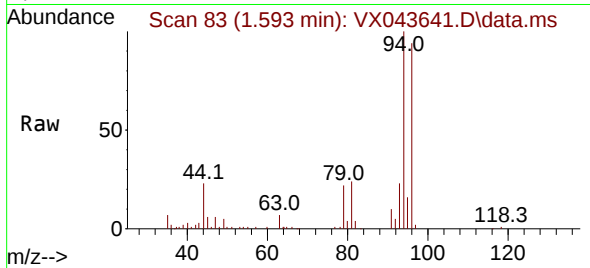




#5  
Bromomethane  
Concen: 17.615 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

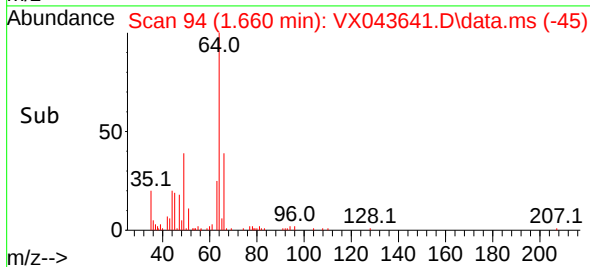
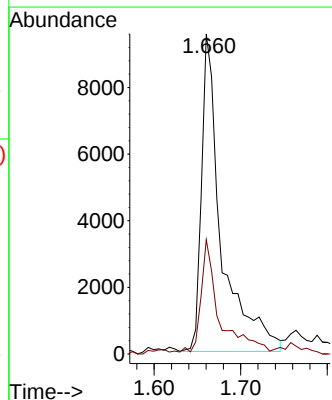
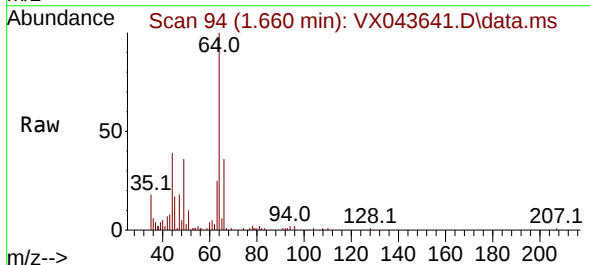
Instrument :  
MSVOA\_X  
ClientSampleId :

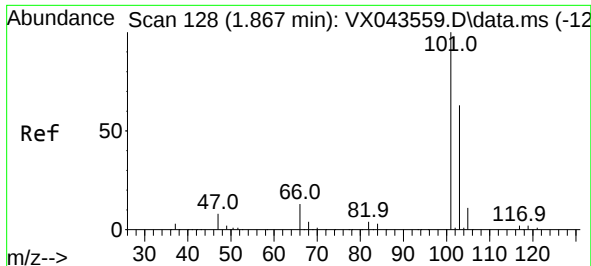
Tgt Ion: 94 Resp: 16585  
Ion Ratio Lower Upper  
94 100  
96 94.4 75.9 113.9



#6  
Chloroethane  
Concen: 18.819 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

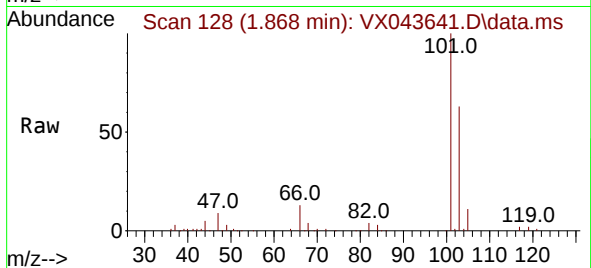
Tgt Ion: 64 Resp: 15312  
Ion Ratio Lower Upper  
64 100  
66 35.4 25.1 37.7



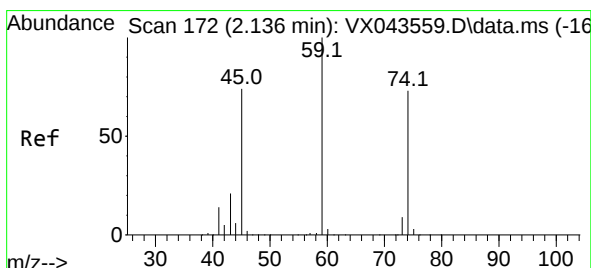
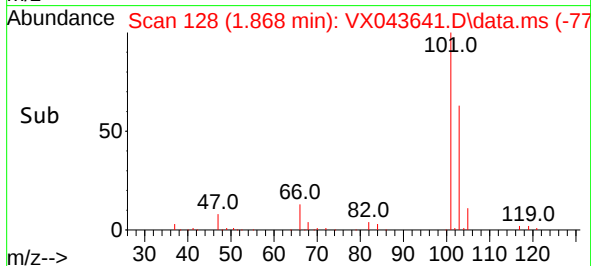
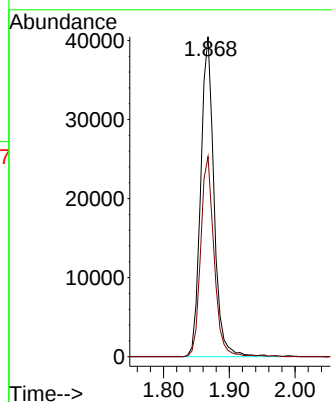


#7  
 Trichlorofluoromethane  
 Concen: 20.161 ug/l  
 RT: 1.868 min Scan# 11  
 Delta R.T. 0.012 min  
 Lab File: VX043641.D  
 Acq: 31 Oct 2024 11:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :

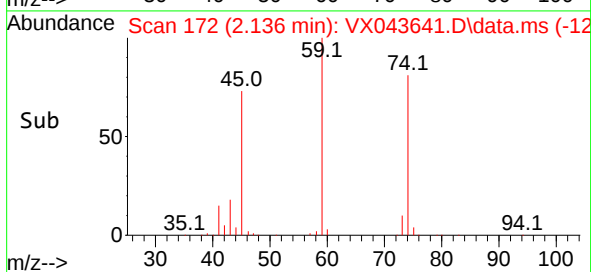
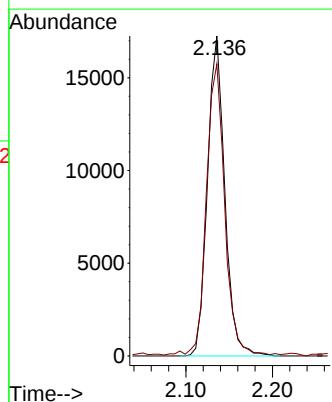
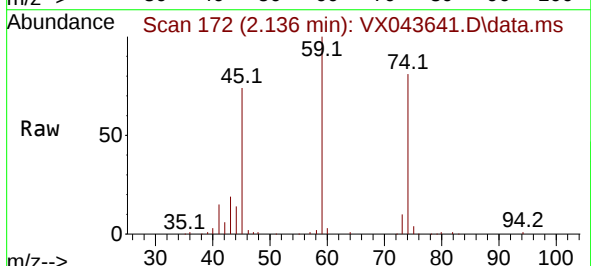


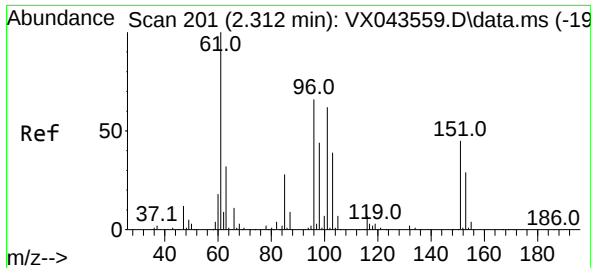
Tgt Ion:101 Resp: 56883  
 Ion Ratio Lower Upper  
 101 100  
 103 62.5 51.3 76.9



#8  
 Diethyl Ether  
 Concen: 18.394 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX043641.D  
 Acq: 31 Oct 2024 11:13

Tgt Ion: 74 Resp: 23978  
 Ion Ratio Lower Upper  
 74 100  
 45 95.4 47.5 142.5

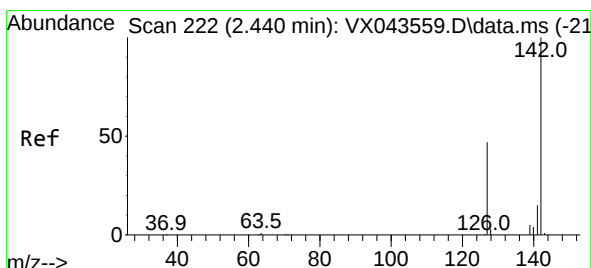
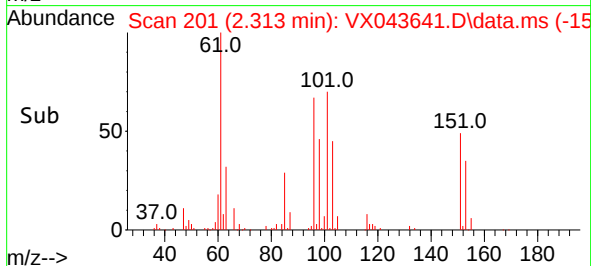
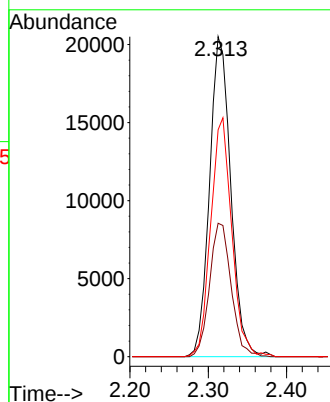
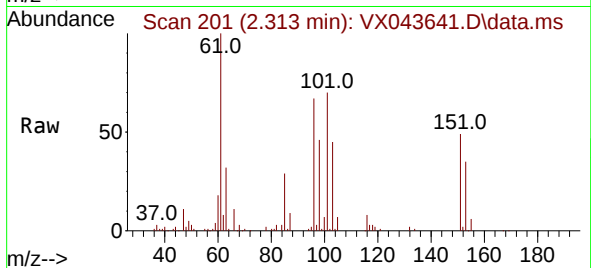




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.216 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

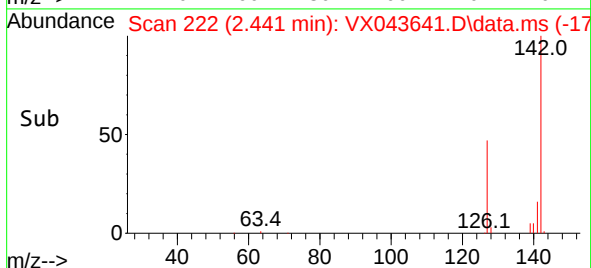
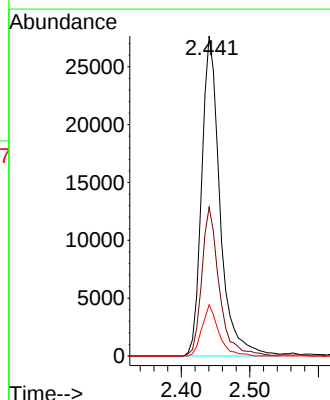
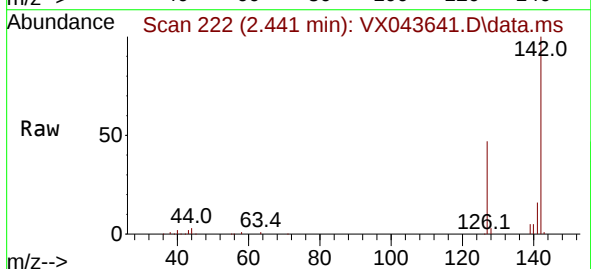
Instrument :  
MSVOA\_X  
ClientSampleId :

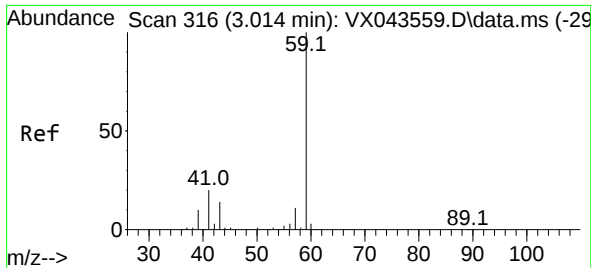
Tgt Ion:101 Resp: 38574  
Ion Ratio Lower Upper  
101 100  
85 42.4 34.5 51.7  
151 74.2 58.2 87.2



#10  
Methyl Iodide  
Concen: 18.700 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion:142 Resp: 51550  
Ion Ratio Lower Upper  
142 100  
127 44.3 38.2 57.4  
141 14.4 11.5 17.3

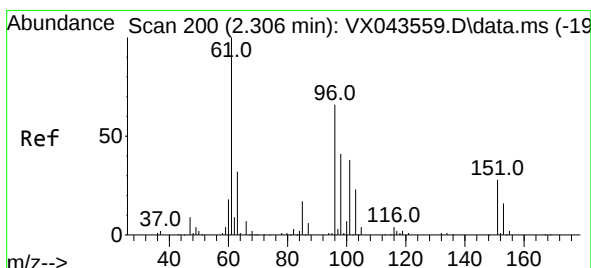
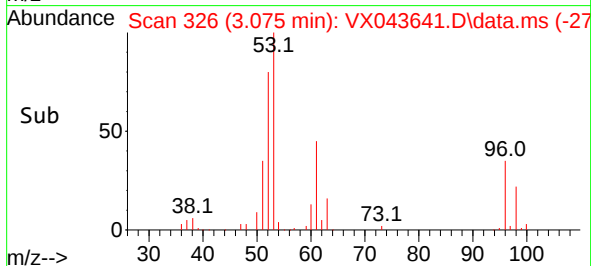
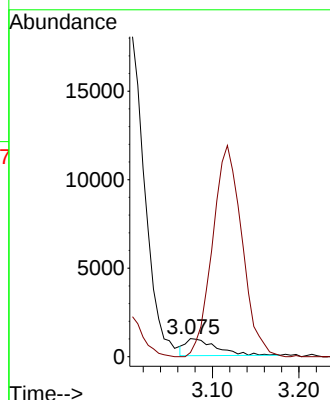
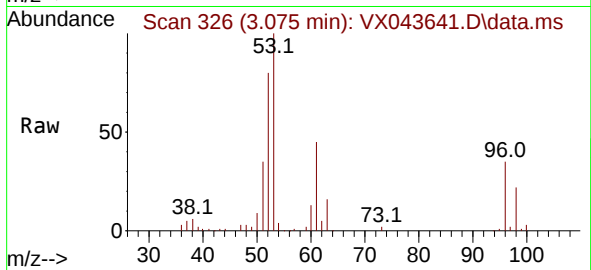




#11  
Tert butyl alcohol  
Concen: 4.417 ug/l  
RT: 3.075 min Scan# 31  
Delta R.T. 0.025 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

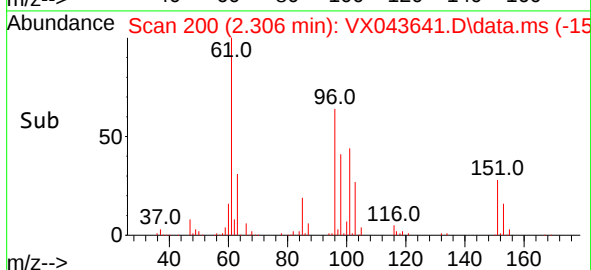
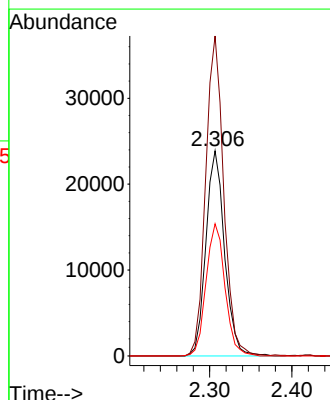
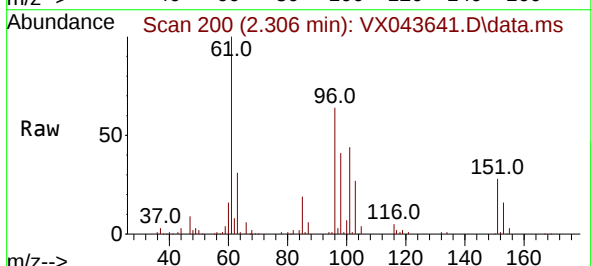
Instrument :  
MSVOA\_X  
ClientSampleId :

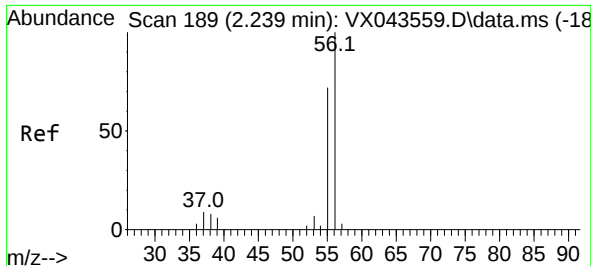
Tgt Ion: 59 Resp: 2393  
Ion Ratio Lower Upper  
59 100  
57 0.0 0.0 0.0



#12  
1,1-Dichloroethene  
Concen: 19.338 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. 0.006 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 96 Resp: 37706  
Ion Ratio Lower Upper  
96 100  
61 156.0 130.2 195.4  
98 64.4 51.0 76.6





#13

Acrolein

Concen: 76.879 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

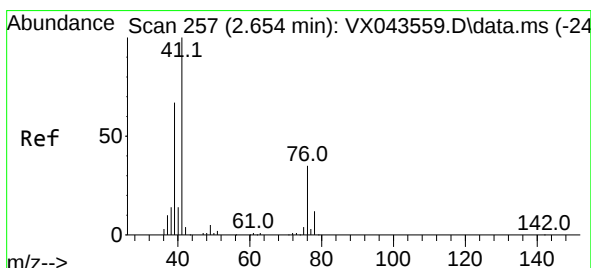
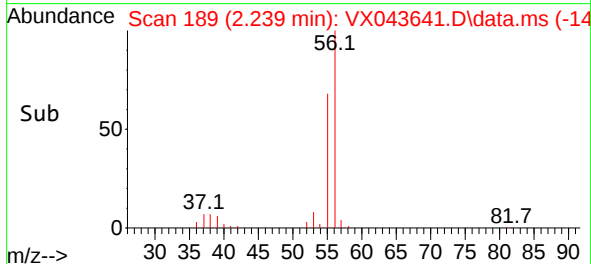
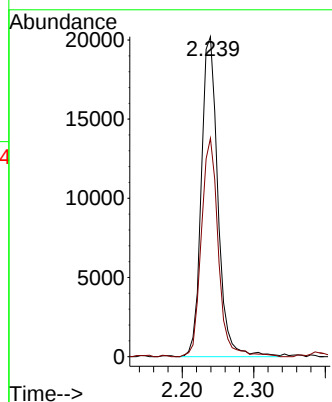
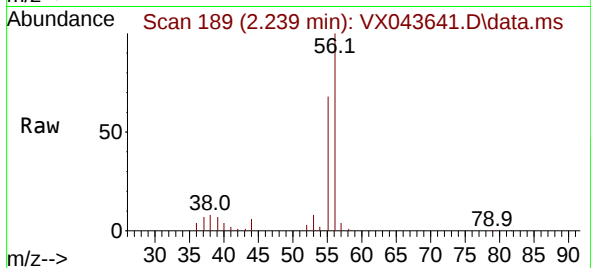
ClientSampleId :

Tgt Ion: 56 Resp: 32571

Ion Ratio Lower Upper

56 100

55 69.9 55.3 82.9



#14

Allyl chloride

Concen: 17.445 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

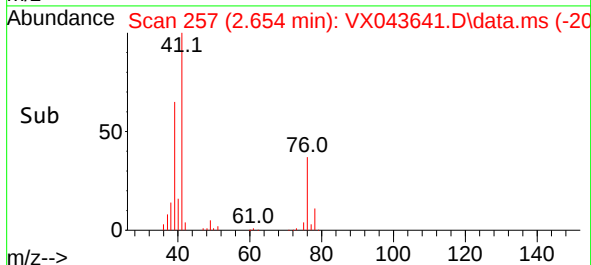
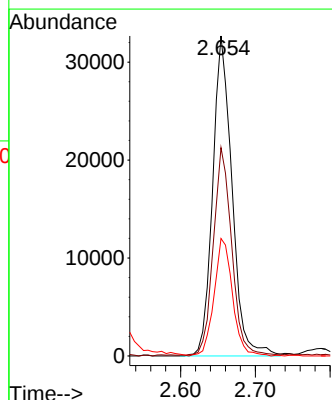
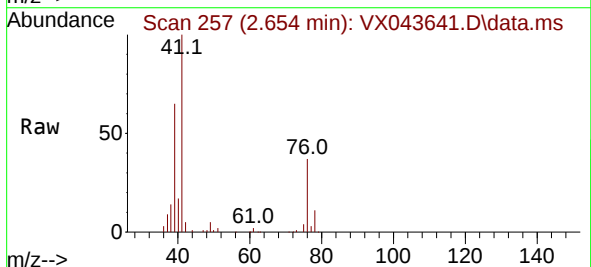
Tgt Ion: 41 Resp: 58833

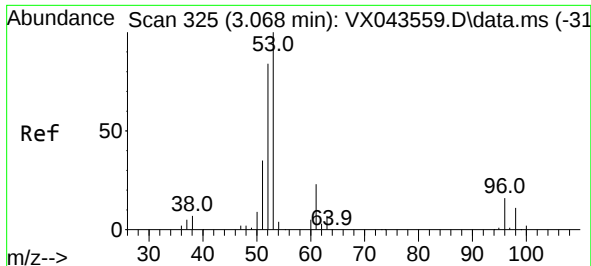
Ion Ratio Lower Upper

41 100

39 62.1 53.2 79.8

76 34.5 27.0 40.6





#15

Acrylonitrile

Concen: 90.516 ug/l

RT: 3.069 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

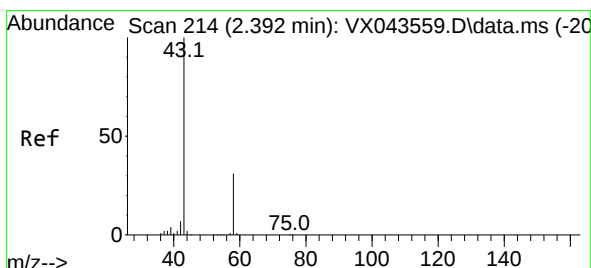
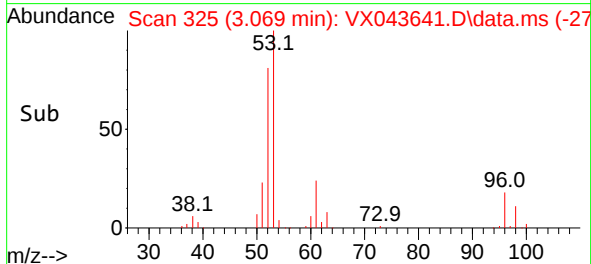
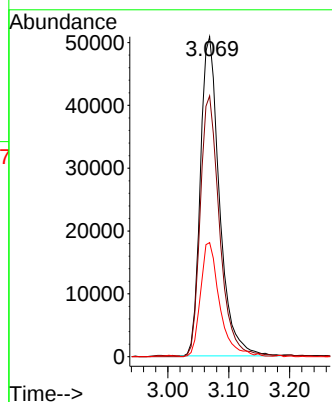
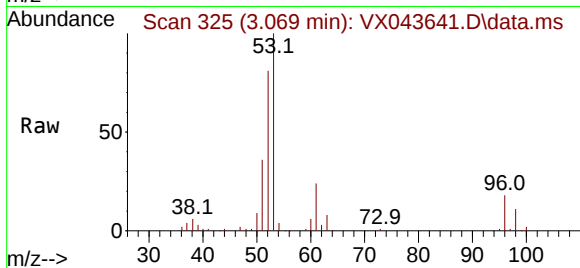
Tgt Ion: 53 Resp: 110714

Ion Ratio Lower Upper

53 100

52 82.7 65.8 98.6

51 35.5 28.5 42.7



#16

Acetone

Concen: 86.136 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX043641.D

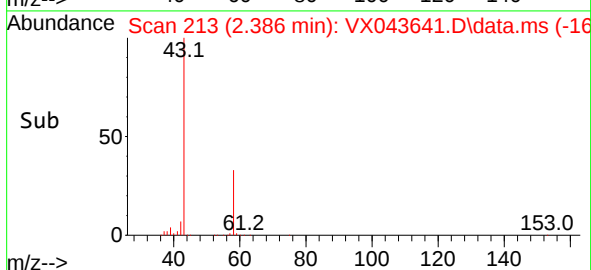
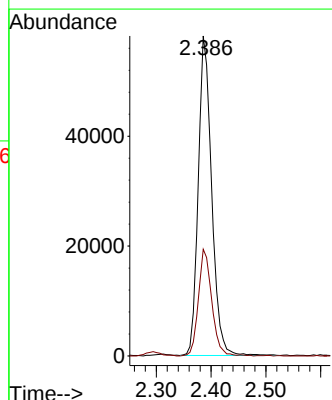
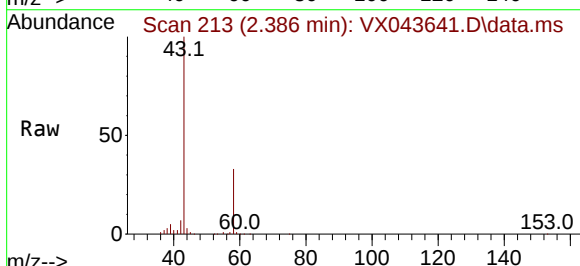
Acq: 31 Oct 2024 11:13

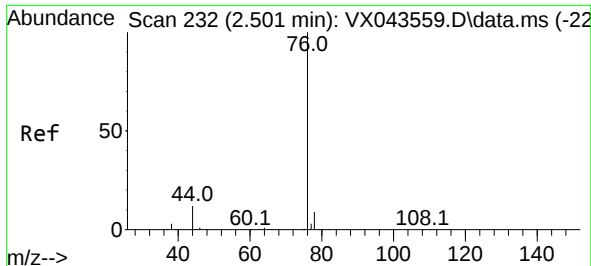
Tgt Ion: 43 Resp: 99280

Ion Ratio Lower Upper

43 100

58 33.4 25.1 37.7

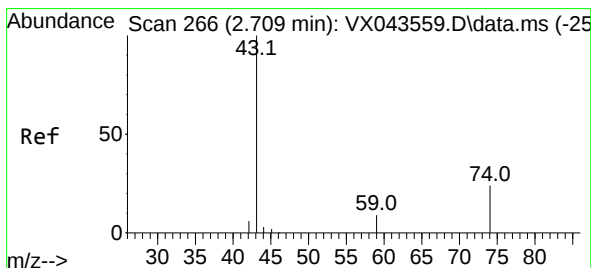
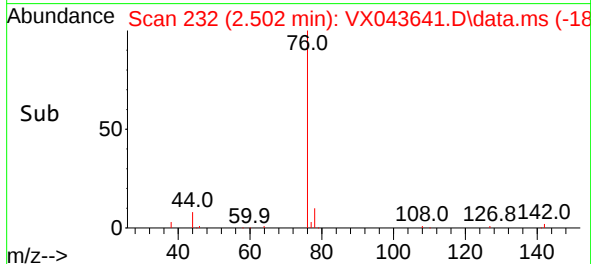
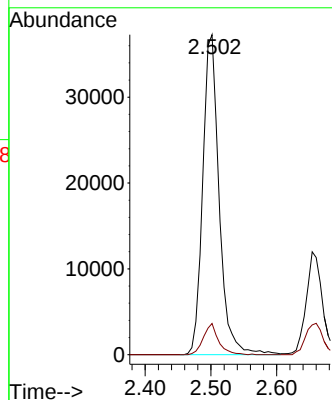
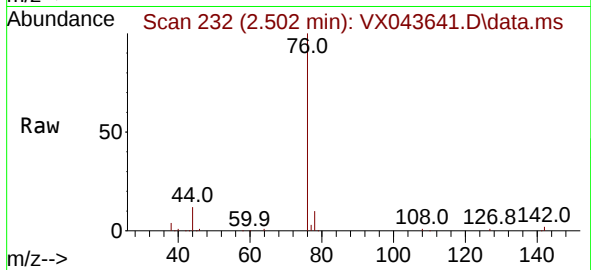




#17  
Carbon Disulfide  
Concen: 15.905 ug/l  
RT: 2.502 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

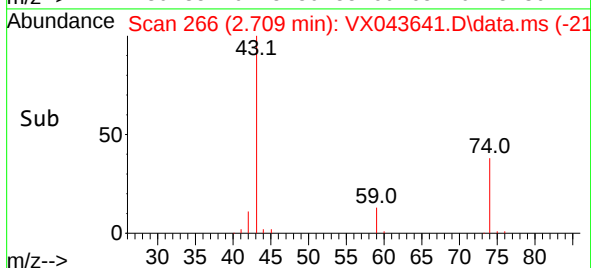
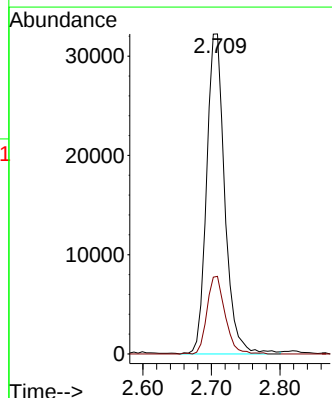
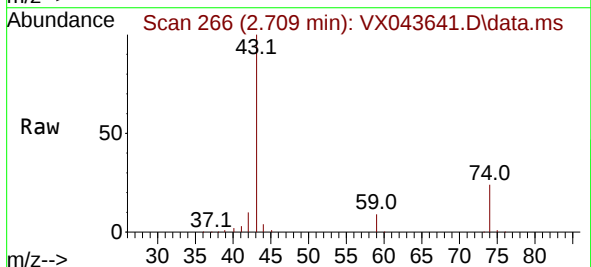
Instrument :  
MSVOA\_X  
ClientSampleId :

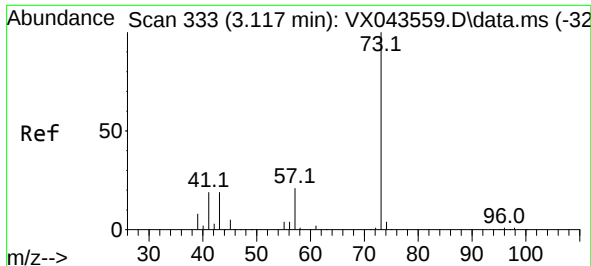
Tgt Ion: 76 Resp: 64850  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.1 10.7



#18  
Methyl Acetate  
Concen: 17.636 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 43 Resp: 59409  
Ion Ratio Lower Upper  
43 100  
74 24.2 19.1 28.7

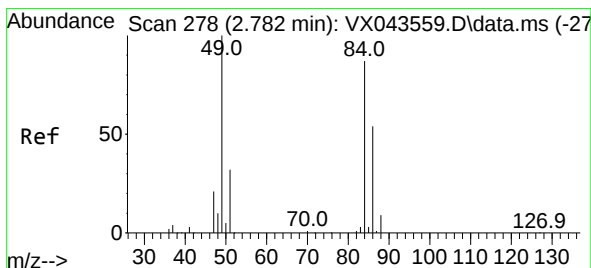
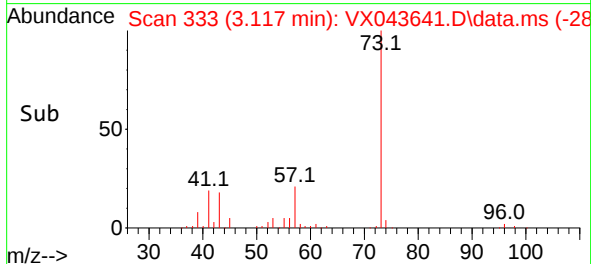
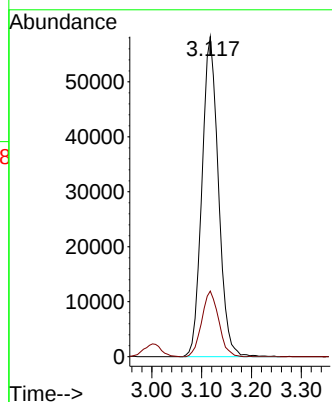
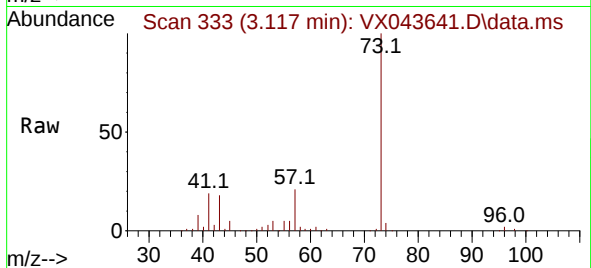




#19  
Methyl tert-butyl Ether  
Concen: 18.010 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

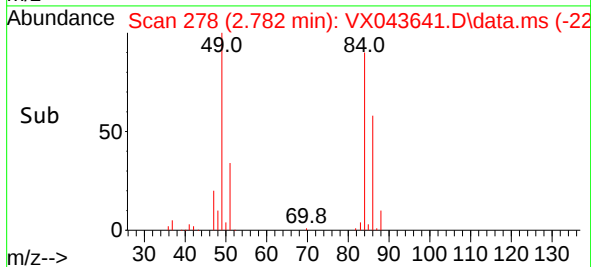
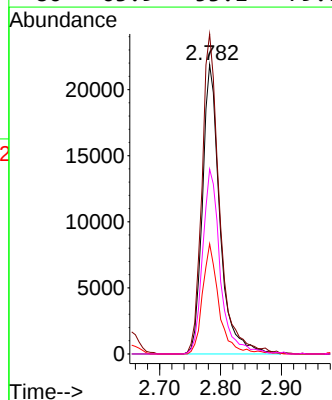
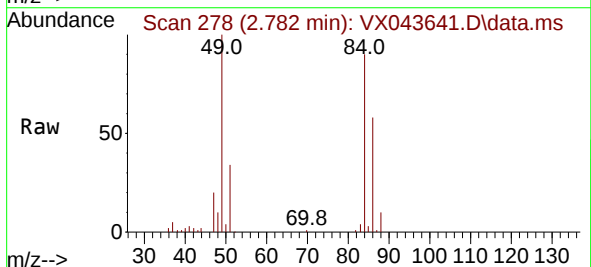
Instrument :  
MSVOA\_X  
ClientSampleId :

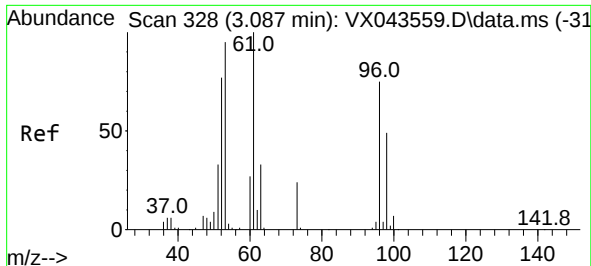
Tgt Ion: 73 Resp: 133551  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.7 26.5



#20  
Methylene Chloride  
Concen: 17.550 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 84 Resp: 43596  
Ion Ratio Lower Upper  
84 100  
49 110.6 97.0 145.6  
51 38.0 29.8 44.8  
86 63.9 53.1 79.7

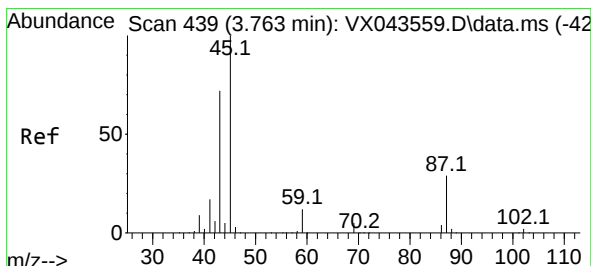
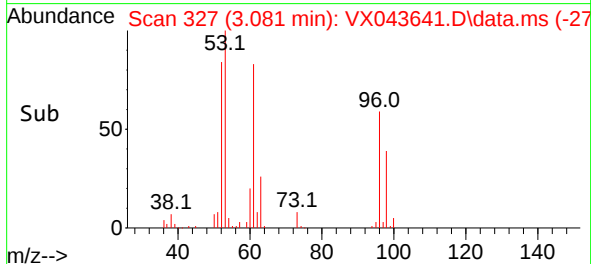
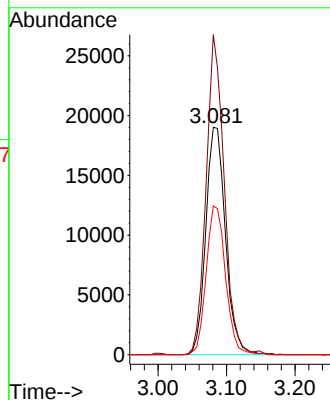
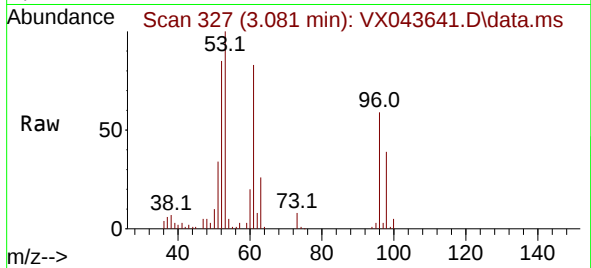




#21  
trans-1,2-Dichloroethene  
Concen: 18.419 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

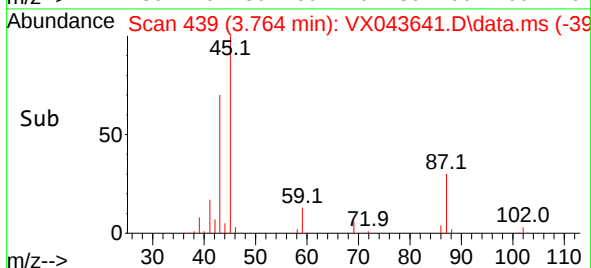
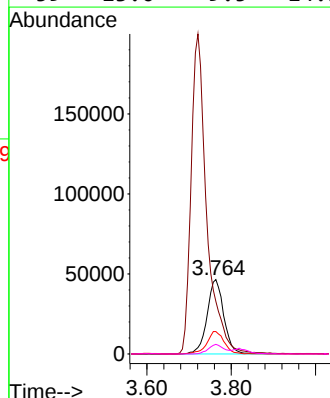
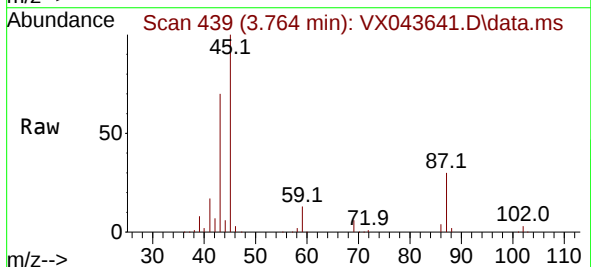
Instrument :  
MSVOA\_X  
ClientSampleId :

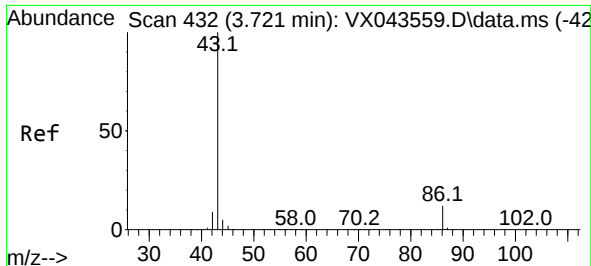
Tgt Ion: 96 Resp: 37943  
Ion Ratio Lower Upper  
96 100  
61 140.8 107.1 160.7  
98 65.4 47.7 71.5



#22  
Diisopropyl ether  
Concen: 18.399 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 45 Resp: 128260  
Ion Ratio Lower Upper  
45 100  
43 69.7 60.6 90.8  
87 30.2 22.0 33.0  
59 13.0 9.5 14.3

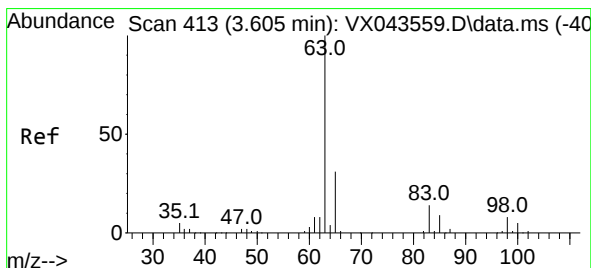
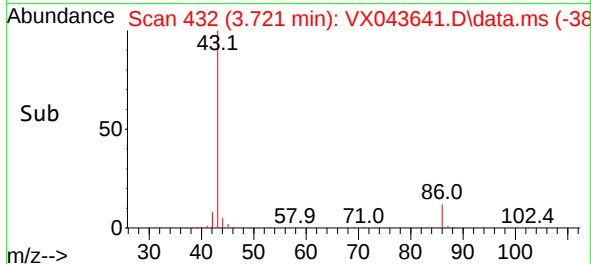
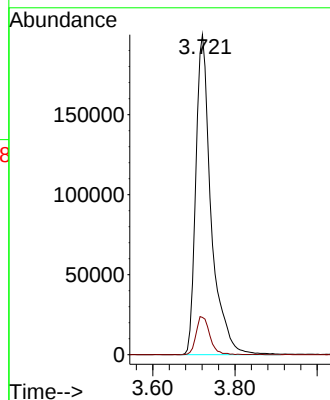
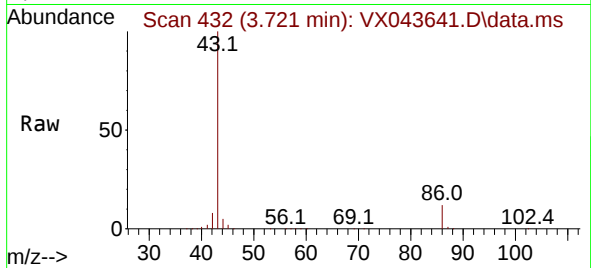




#23  
 Vinyl Acetate  
 Concen: 89.699 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX043641.D  
 Acq: 31 Oct 2024 11:13

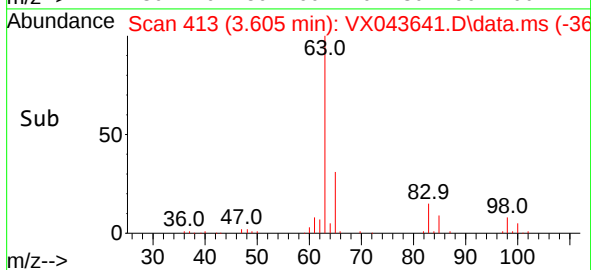
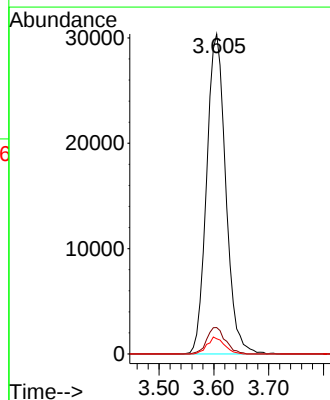
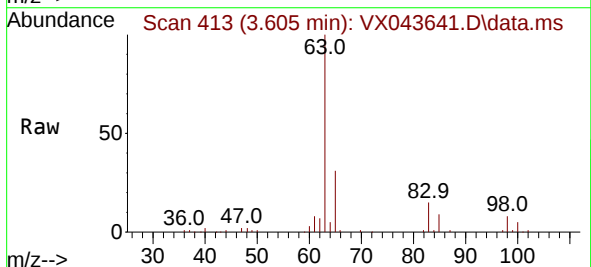
Instrument :  
 MSVOA\_X  
 ClientSampleId :

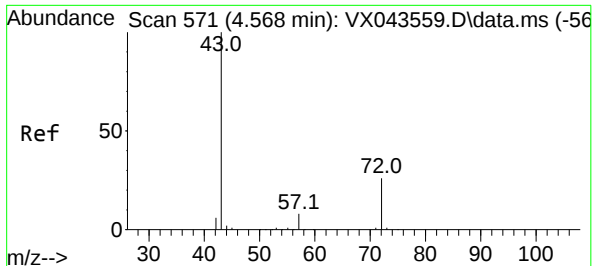
Tgt Ion: 43 Resp: 516584  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 9.0 13.4



#24  
 1,1-Dichloroethane  
 Concen: 18.303 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.006 min  
 Lab File: VX043641.D  
 Acq: 31 Oct 2024 11:13

Tgt Ion: 63 Resp: 73334  
 Ion Ratio Lower Upper  
 63 100  
 98 8.3 3.5 10.4  
 100 4.8 2.4 7.2

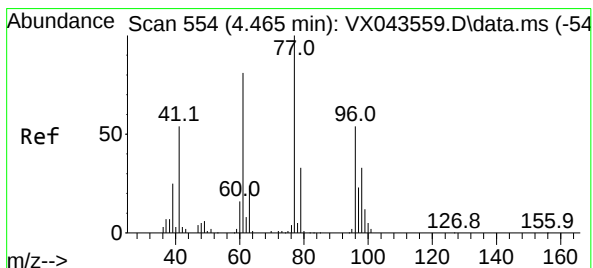
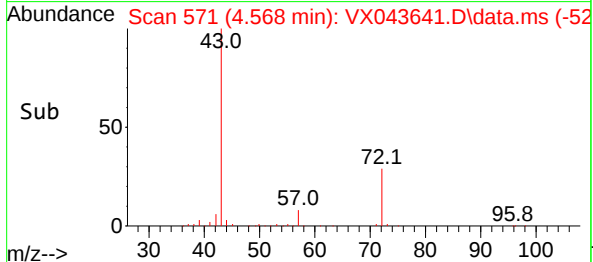
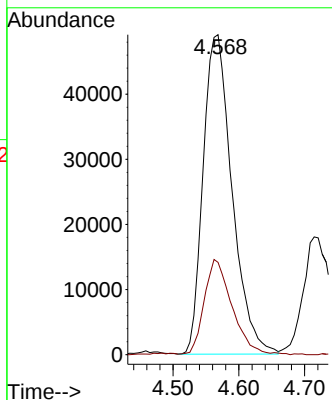
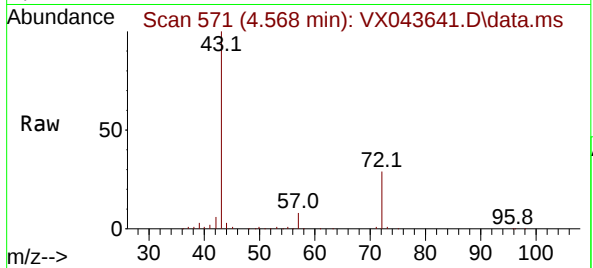




#25  
2-Butanone  
Concen: 89.352 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

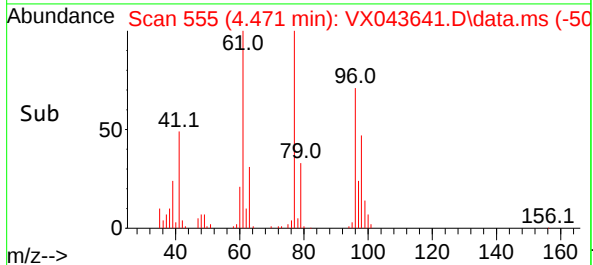
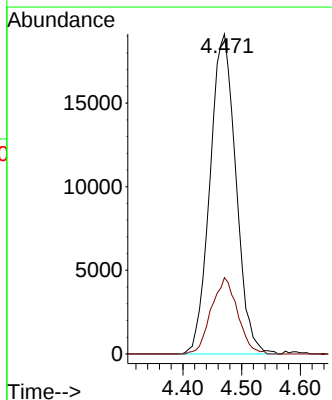
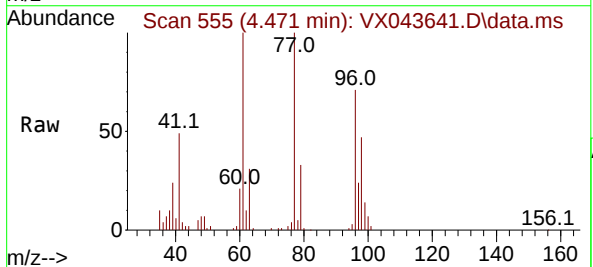
Instrument :  
MSVOA\_X  
ClientSampleId :

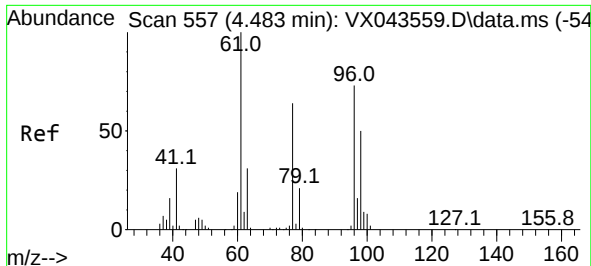
Tgt Ion: 43 Resp: 150228  
Ion Ratio Lower Upper  
43 100  
72 28.8 21.1 31.7



#26  
2,2-Dichloropropane  
Concen: 17.875 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 77 Resp: 58625  
Ion Ratio Lower Upper  
77 100  
97 24.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.633 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

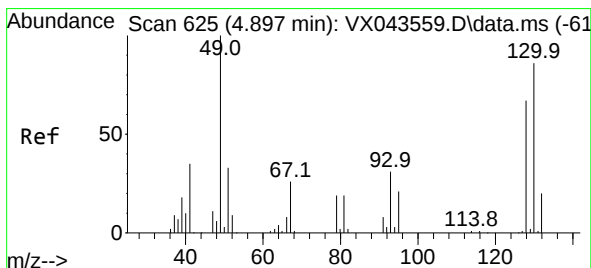
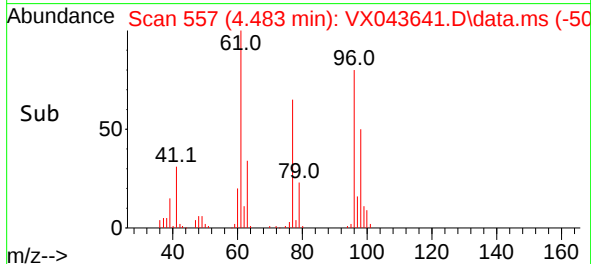
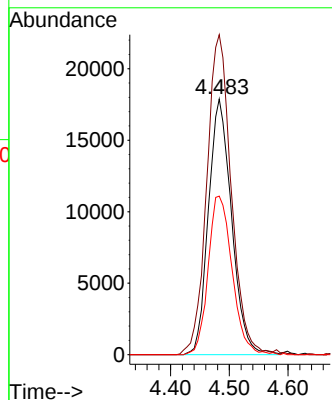
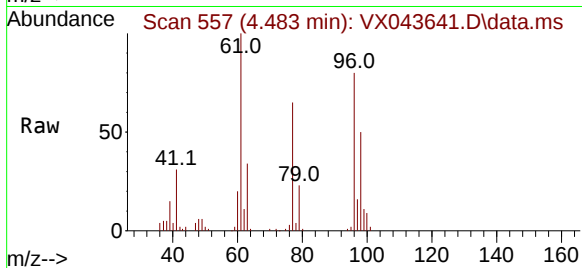
Tgt Ion: 96 Resp: 49032

Ion Ratio Lower Upper

96 100

61 132.0 0.0 277.2

98 64.1 0.0 131.6



#28

Bromochloromethane

Concen: 16.708 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

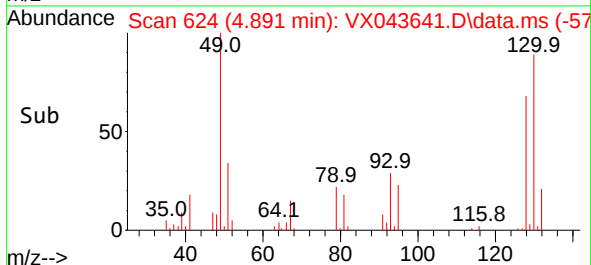
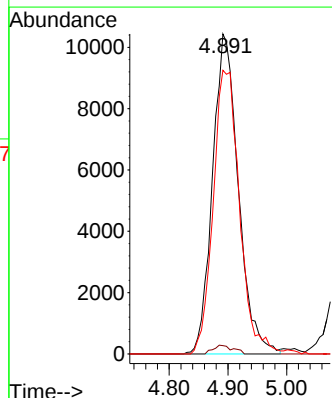
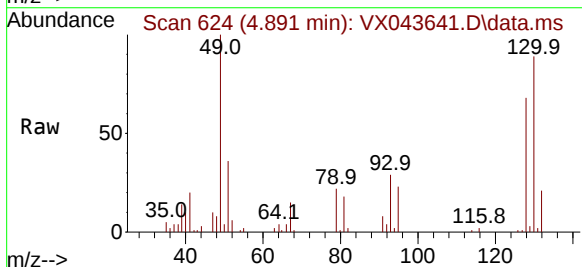
Tgt Ion: 49 Resp: 31846

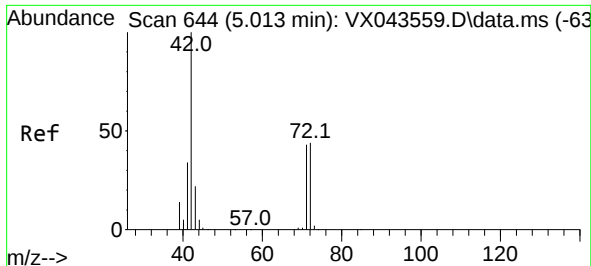
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 90.6 67.8 101.8





#29

Tetrahydrofuran

Concen: 88.736 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

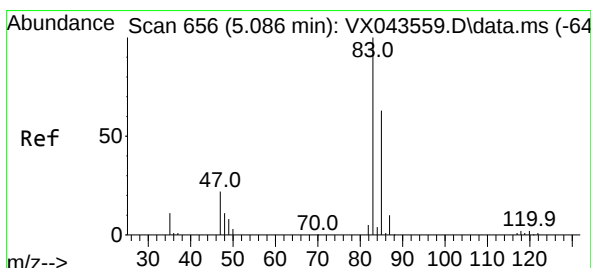
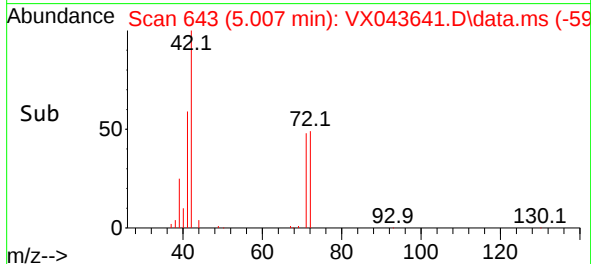
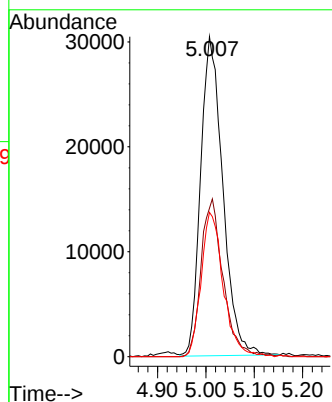
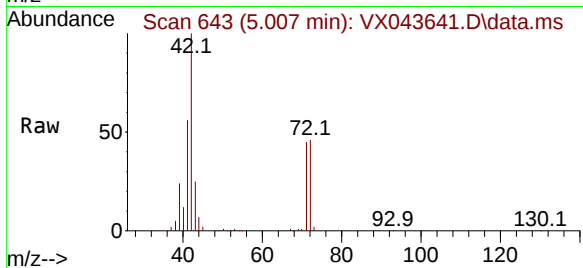
Tgt Ion: 42 Resp: 96955

Ion Ratio Lower Upper

42 100

72 49.2 36.6 55.0

71 45.1 34.2 51.4



#30

Chloroform

Concen: 18.349 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX043641.D

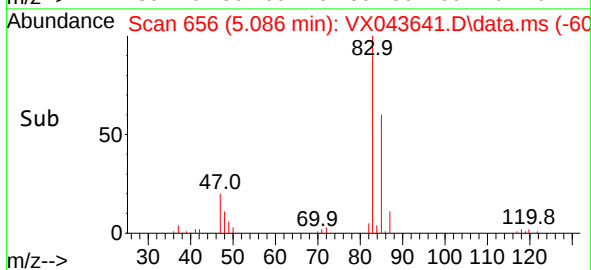
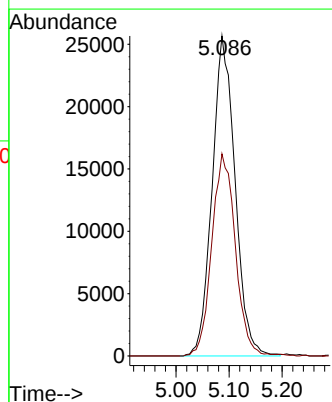
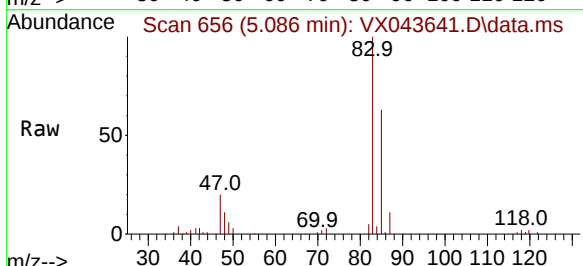
Acq: 31 Oct 2024 11:13

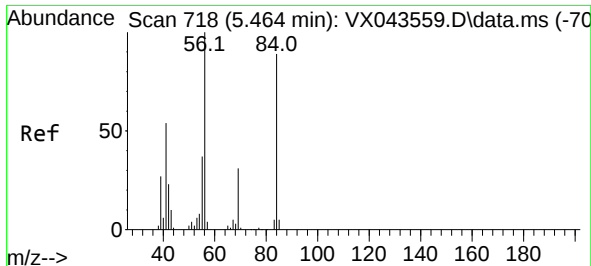
Tgt Ion: 83 Resp: 77066

Ion Ratio Lower Upper

83 100

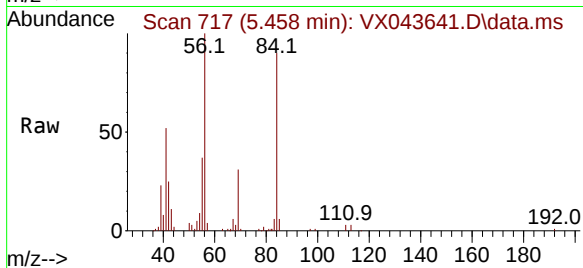
85 63.1 52.2 78.4



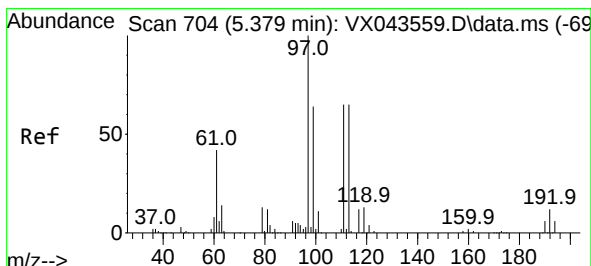
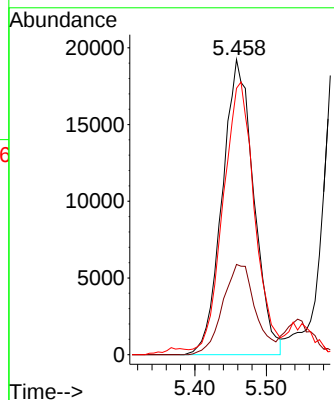
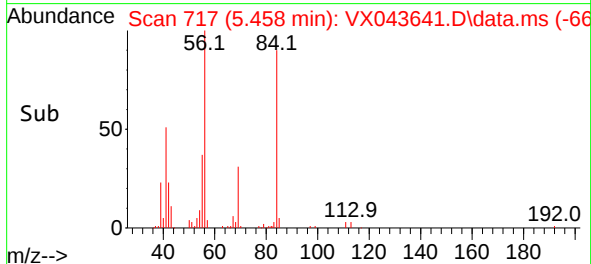


#31  
Cyclohexane  
Concen: 19.207 ug/l  
RT: 5.458 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

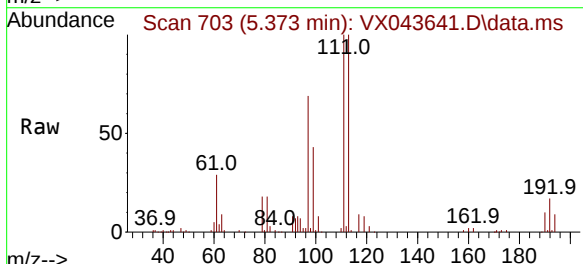
Instrument :  
MSVOA\_X  
ClientSampleId :



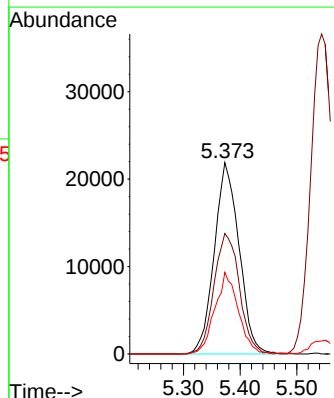
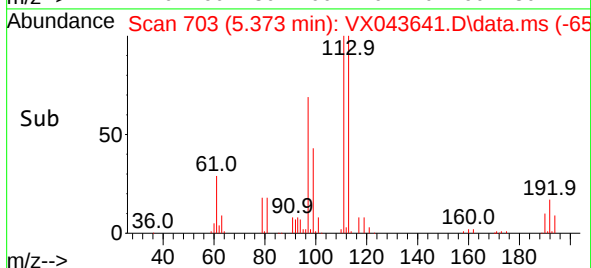
Tgt Ion: 56 Resp: 58860  
Ion Ratio Lower Upper  
56 100  
69 30.6 24.9 37.3  
84 88.2 73.3 109.9

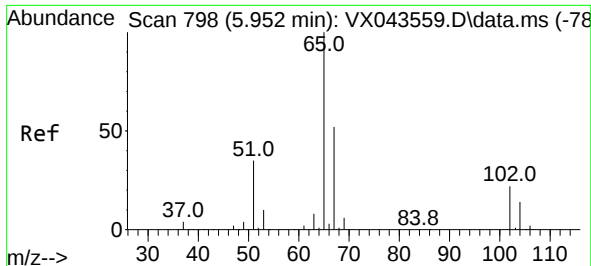


#32  
1,1,1-Trichloroethane  
Concen: 18.842 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13



Tgt Ion: 97 Resp: 66439  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.4 77.0  
61 40.3 34.0 51.0

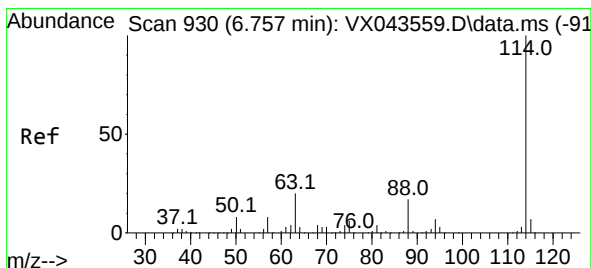
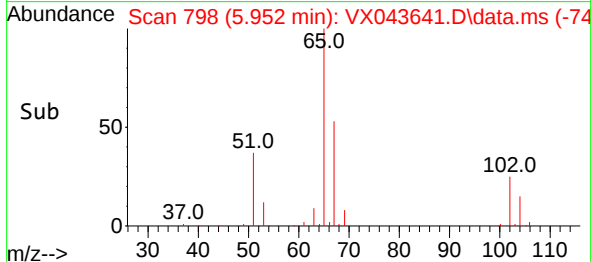
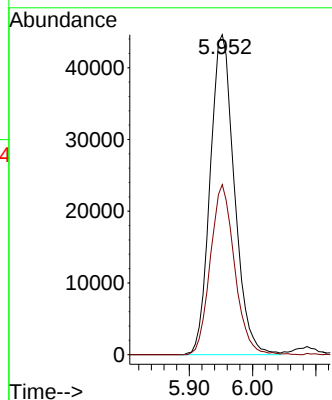
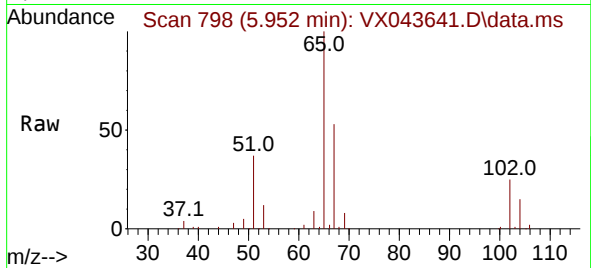




#33  
1,2-Dichloroethane-d4  
Concen: 40.787 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

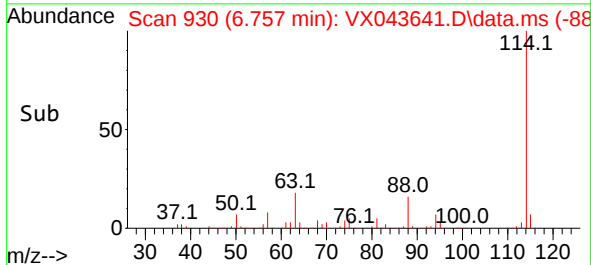
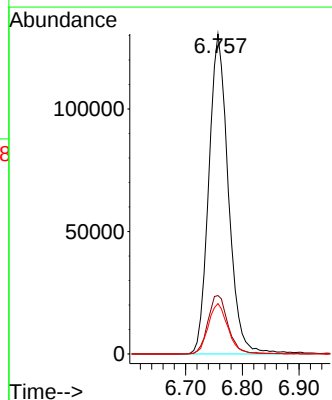
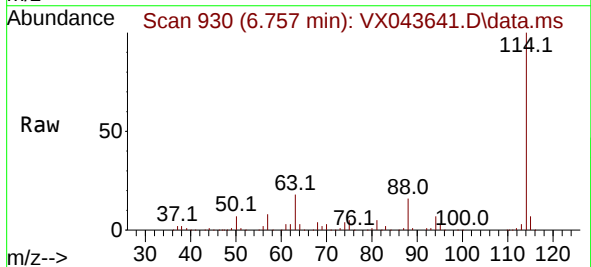
Instrument :  
MSVOA\_X  
ClientSampleId :

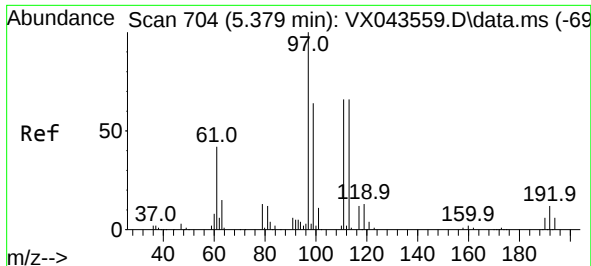
Tgt Ion: 65 Resp: 118383  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 114 Resp: 311670  
Ion Ratio Lower Upper  
114 100  
63 18.2 0.0 41.2  
88 15.8 0.0 34.0

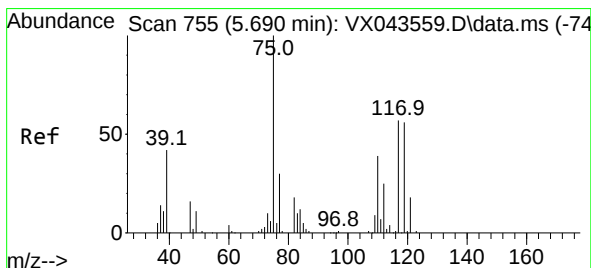
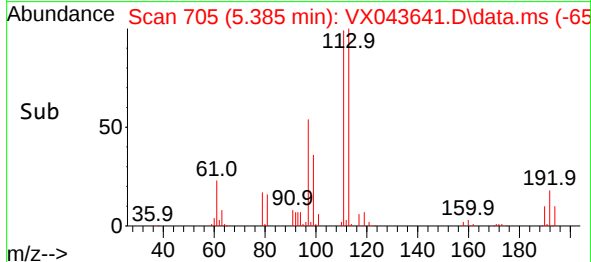
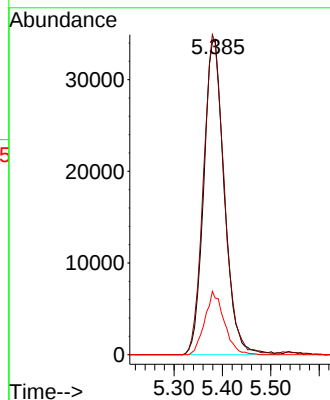
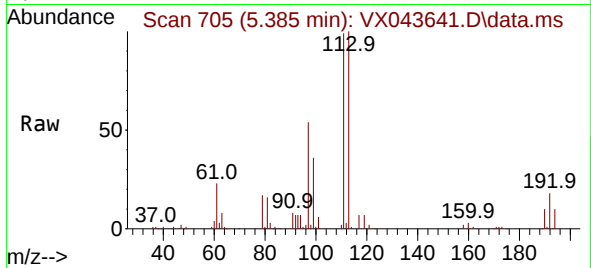




#35  
Dibromofluoromethane  
Concen: 48.071 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

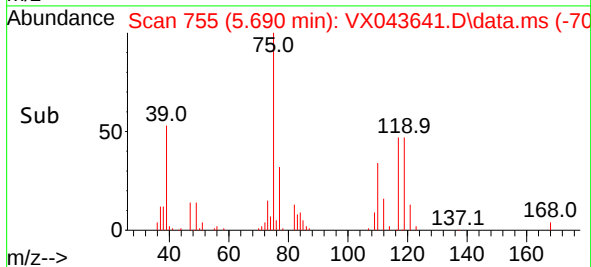
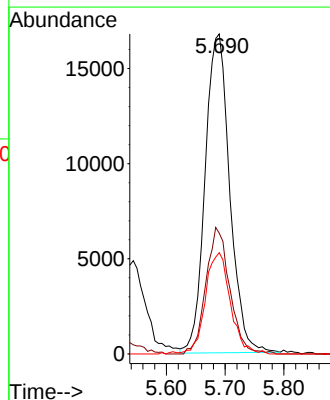
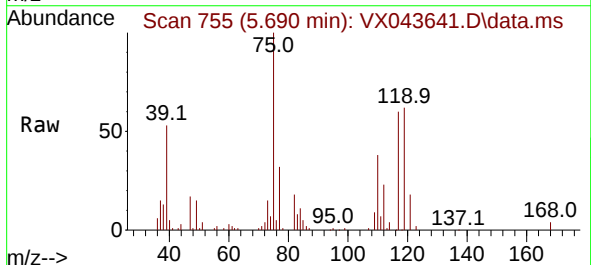
Instrument :  
MSVOA\_X  
ClientSampleId :

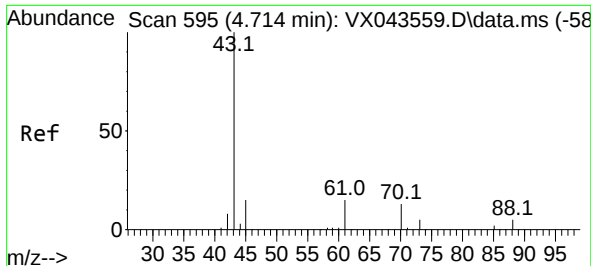
Tgt Ion:113 Resp: 101595  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.4 122.0  
192 19.0 14.1 21.1



#36  
1,1-Dichloropropene  
Concen: 19.482 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 75 Resp: 48822  
Ion Ratio Lower Upper  
75 100  
110 38.5 17.9 53.7  
77 32.1 25.0 37.4





#37

Ethyl Acetate

Concen: 18.160 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

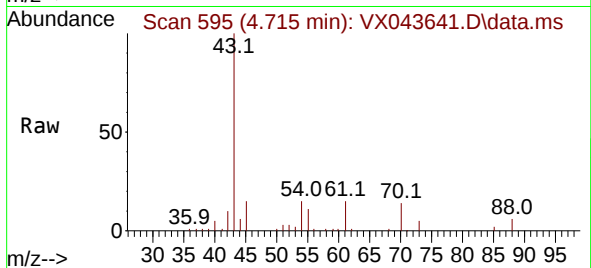
Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

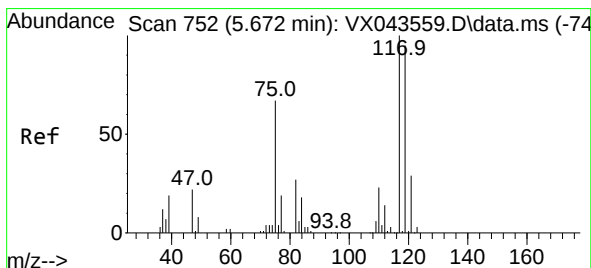
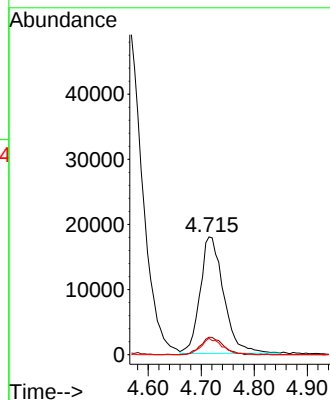
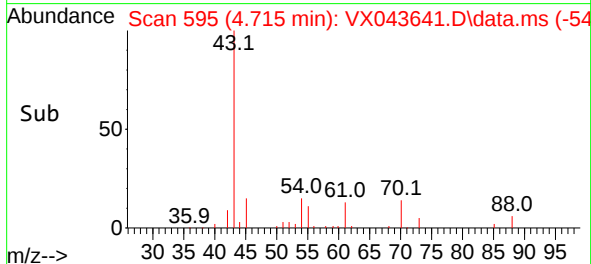
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 55249 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.3  | 11.0  | 16.6  |
| 70       | 12.7  | 8.9   | 13.3  |



#38

Carbon Tetrachloride

Concen: 19.803 ug/l

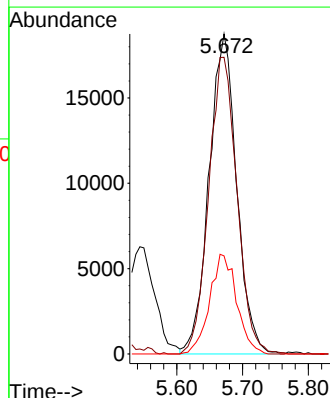
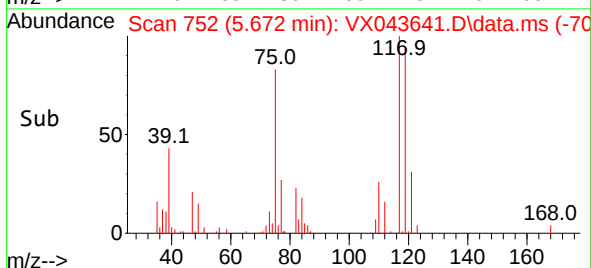
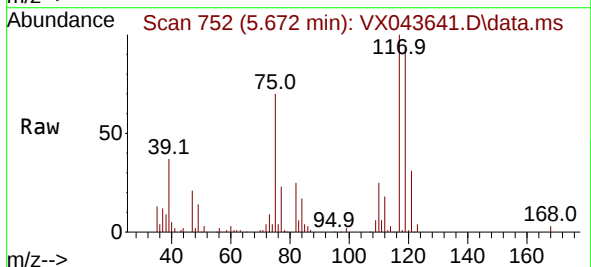
RT: 5.672 min Scan# 752

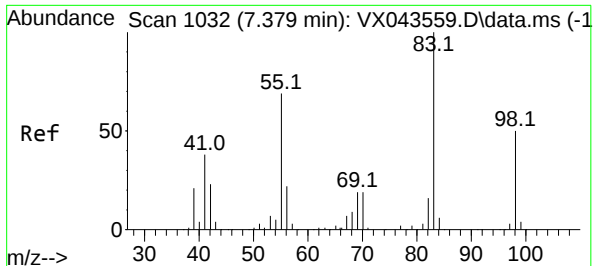
Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 54834 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.7  | 77.0  | 115.6 |
| 121      | 30.7  | 24.7  | 37.1  |





#39

Methylcyclohexane

Concen: 20.485 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

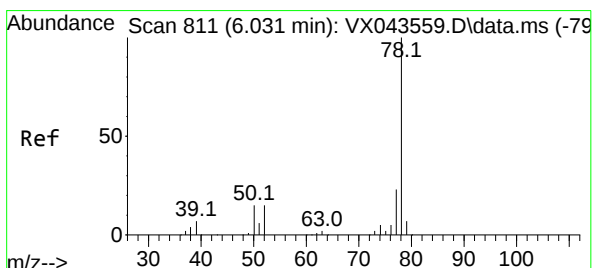
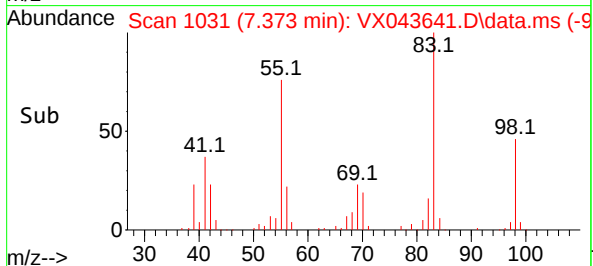
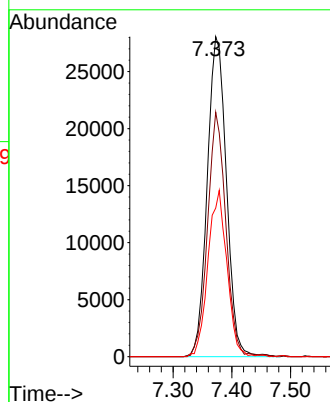
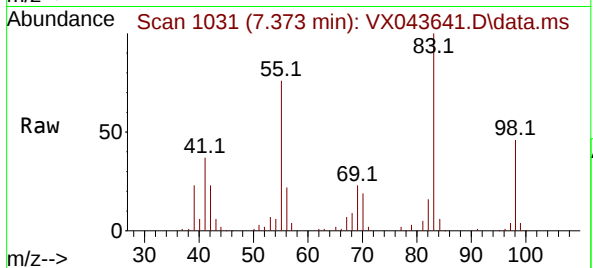
Tgt Ion: 83 Resp: 63735

Ion Ratio Lower Upper

83 100

55 76.4 59.9 89.9

98 46.5 41.3 61.9



#40

Benzene

Concen: 19.416 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX043641.D

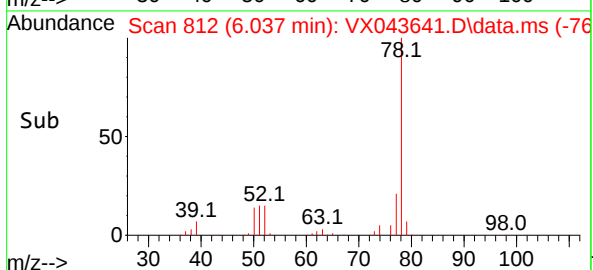
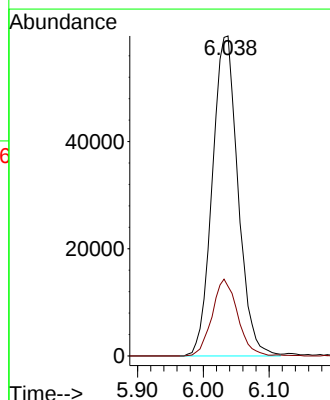
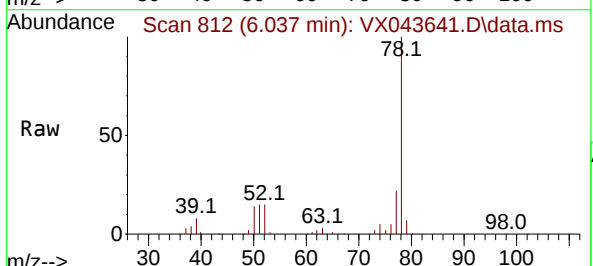
Acq: 31 Oct 2024 11:13

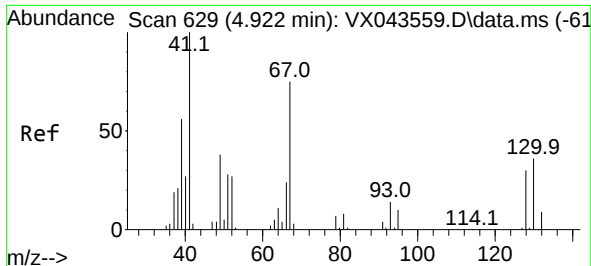
Tgt Ion: 78 Resp: 162324

Ion Ratio Lower Upper

78 100

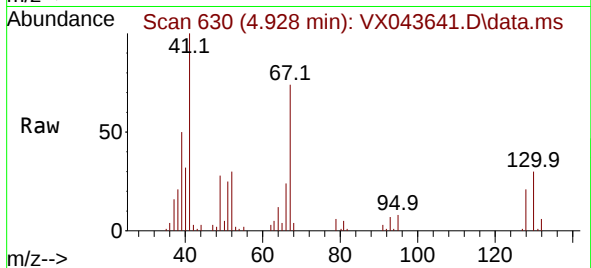
77 21.7 18.4 27.6



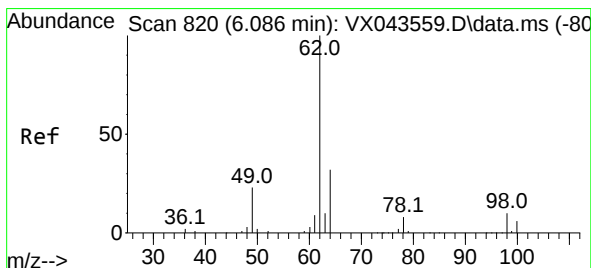
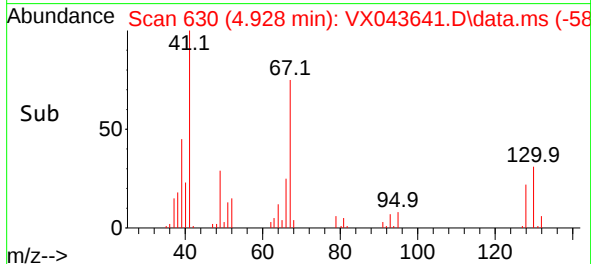
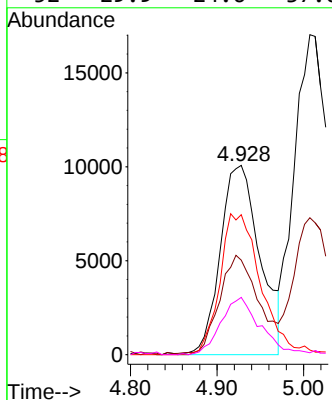


#41  
Methacrylonitrile  
Concen: 20.142 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Instrument :  
MSVOA\_X  
ClientSampleId :

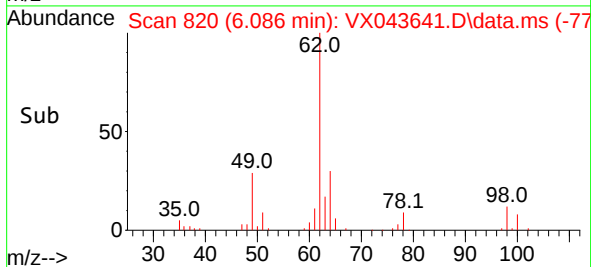
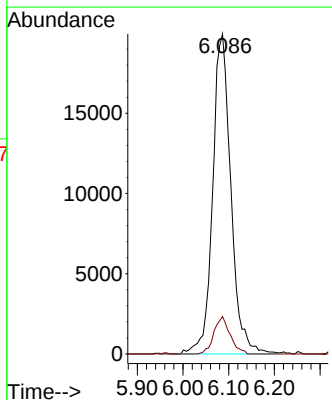
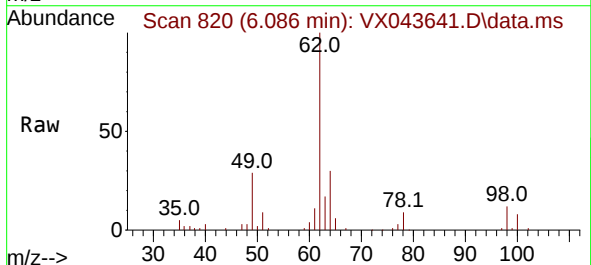


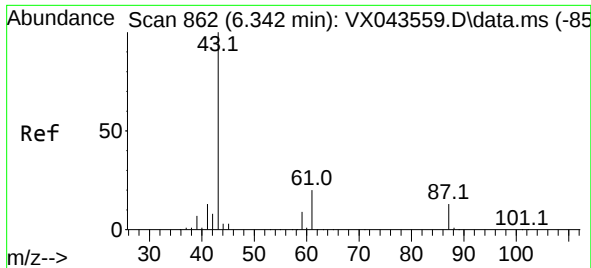
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 32166 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.4  | 43.5  | 65.3  |
| 67       | 76.5  | 58.3  | 87.5  |
| 52       | 29.9  | 24.6  | 37.0  |



#42  
1,2-Dichloroethane  
Concen: 18.407 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 55324 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.4  | 0.0   | 18.8  |





#43

Isopropyl Acetate

Concen: 18.568 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

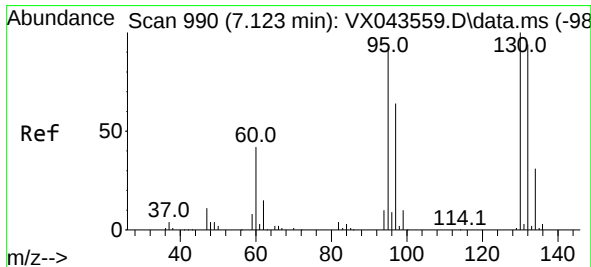
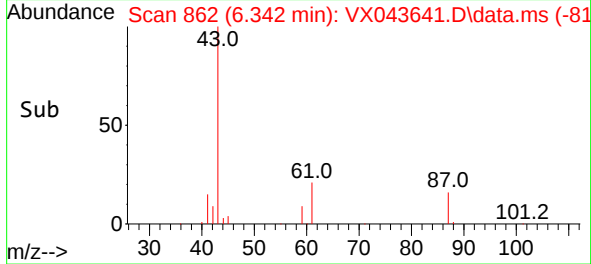
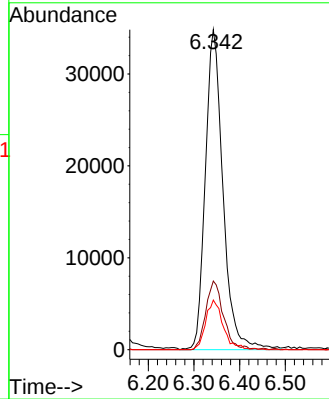
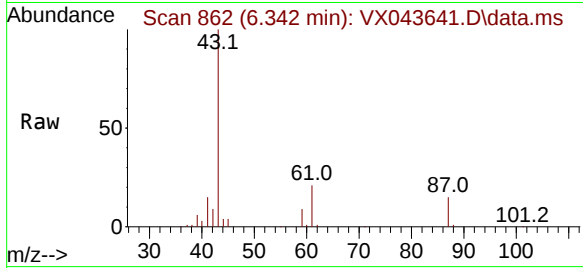
Tgt Ion: 43 Resp: 93423

Ion Ratio Lower Upper

43 100

61 20.9 16.2 24.4

87 15.2 11.0 16.6



#44

Trichloroethene

Concen: 20.071 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX043641.D

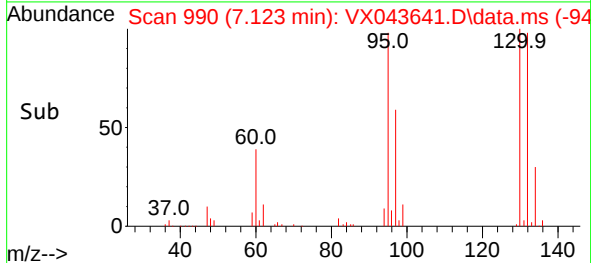
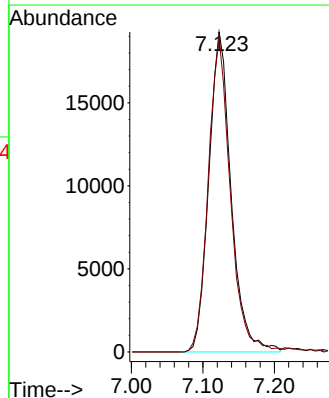
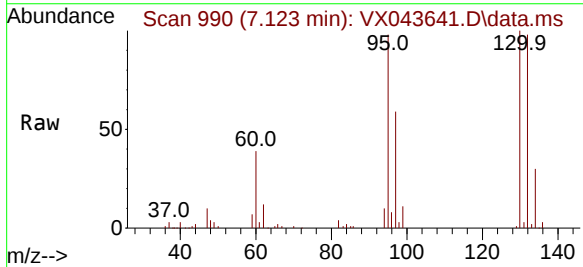
Acq: 31 Oct 2024 11:13

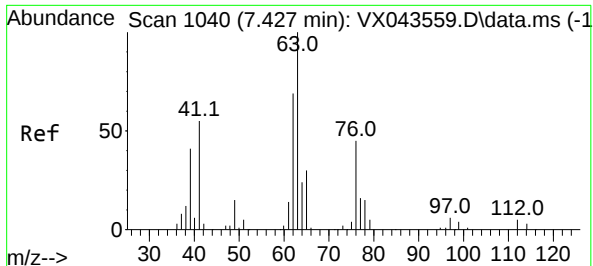
Tgt Ion:130 Resp: 41686

Ion Ratio Lower Upper

130 100

95 98.3 0.0 202.6





#45

1,2-Dichloropropane

Concen: 18.674 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

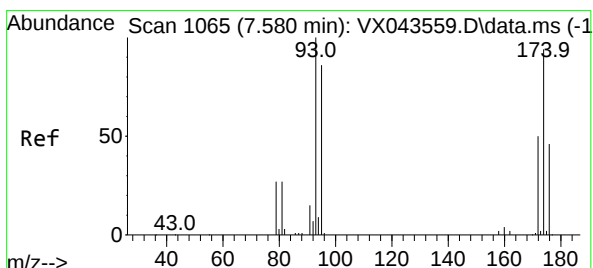
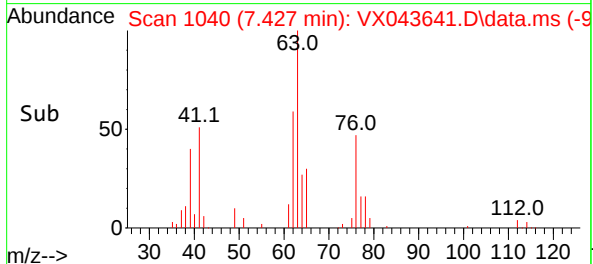
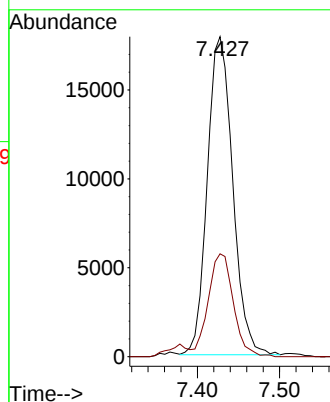
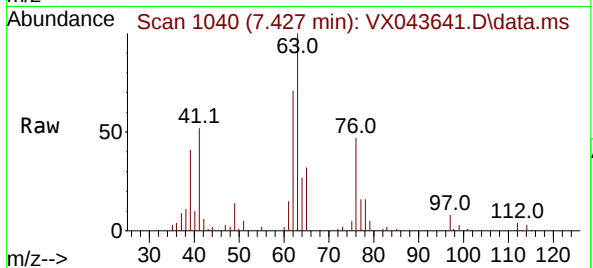
ClientSampleId :

Tgt Ion: 63 Resp: 38440

Ion Ratio Lower Upper

63 100

65 32.3 24.5 36.7



#46

Dibromomethane

Concen: 18.952 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

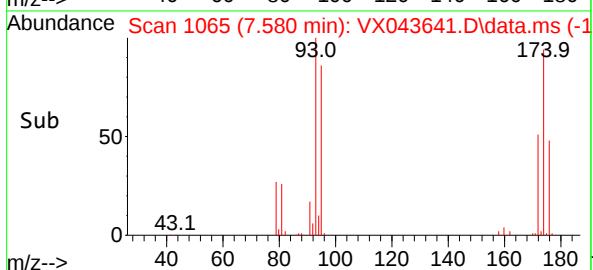
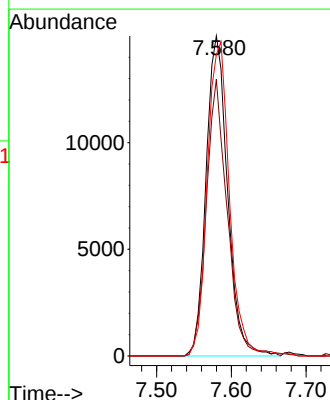
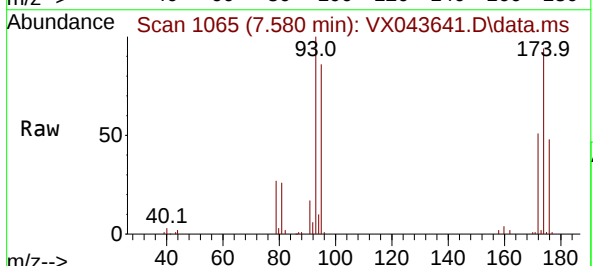
Tgt Ion: 93 Resp: 30039

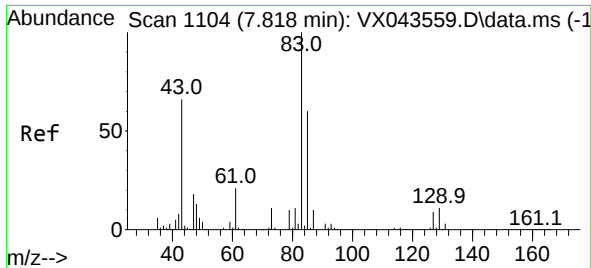
Ion Ratio Lower Upper

93 100

95 83.9 66.4 99.6

174 101.6 75.0 112.4

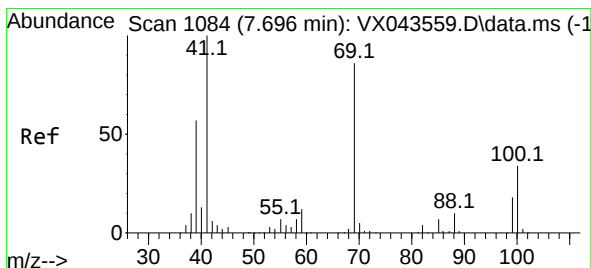
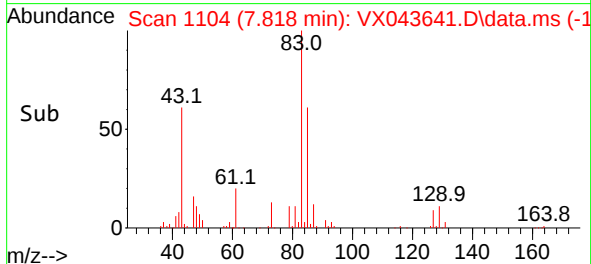
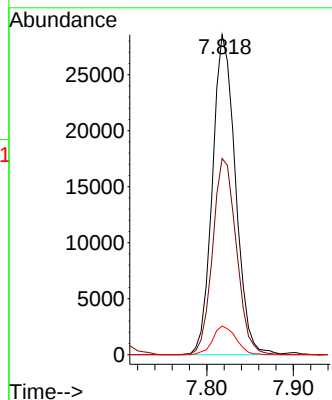
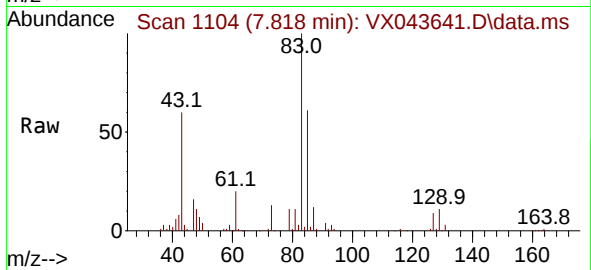




#47  
Bromodichloromethane  
Concen: 18.980 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

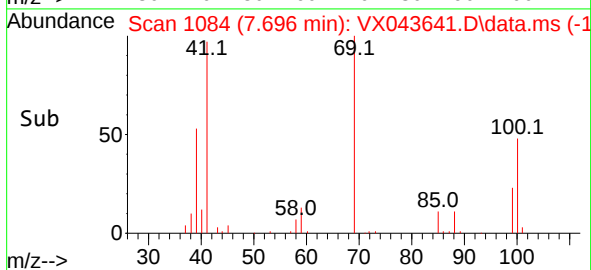
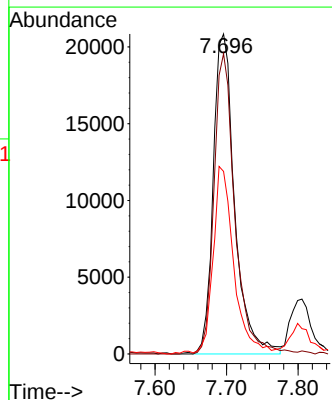
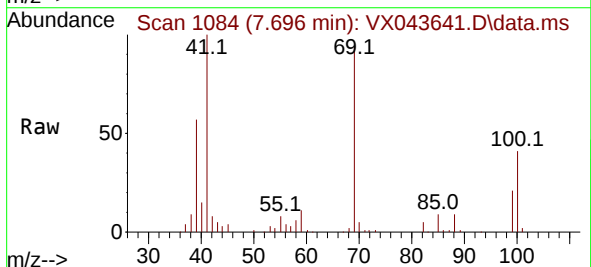
Instrument :  
MSVOA\_X  
ClientSampleId :

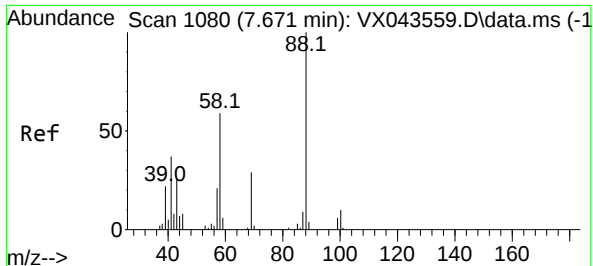
Tgt Ion: 83 Resp: 52774  
Ion Ratio Lower Upper  
83 100  
85 61.3 52.2 78.4  
127 9.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 18.194 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 41 Resp: 43401  
Ion Ratio Lower Upper  
41 100  
69 91.3 67.7 101.5  
39 56.7 46.3 69.5





#49

1,4-Dioxane

Concen: 382.822 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

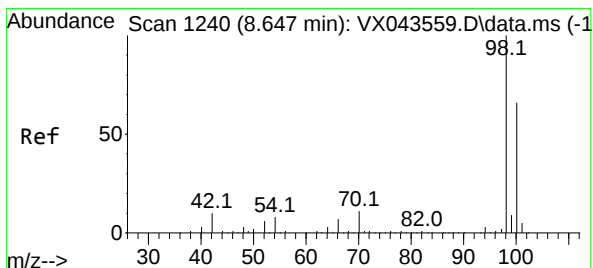
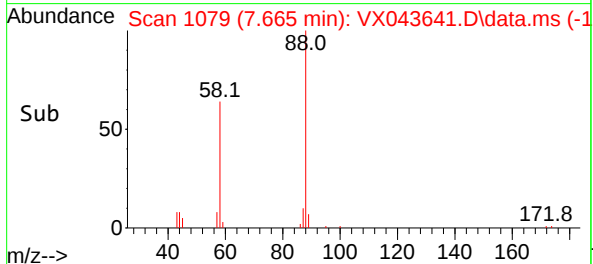
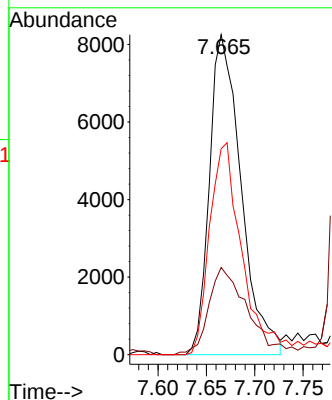
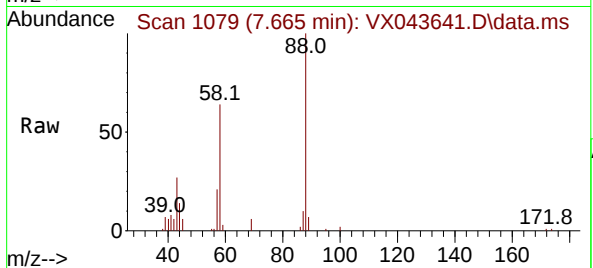
Tgt Ion: 88 Resp: 18762

Ion Ratio Lower Upper

88 100

43 33.4 25.3 37.9

58 67.7 53.9 80.9



#50

Toluene-d8

Concen: 49.808 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043641.D

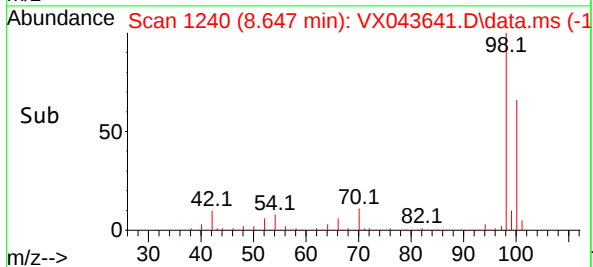
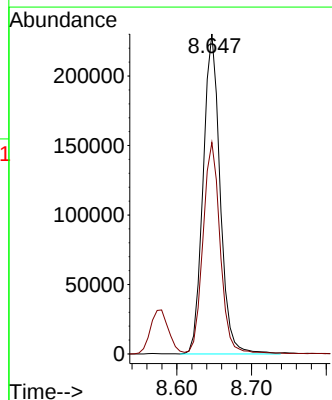
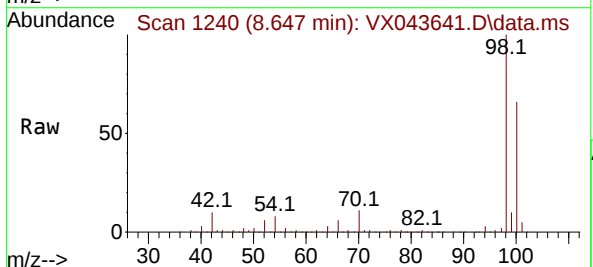
Acq: 31 Oct 2024 11:13

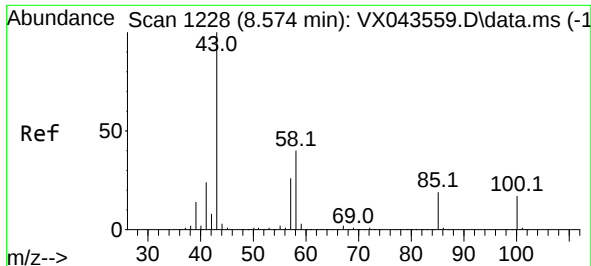
Tgt Ion: 98 Resp: 364387

Ion Ratio Lower Upper

98 100

100 66.5 53.4 80.2

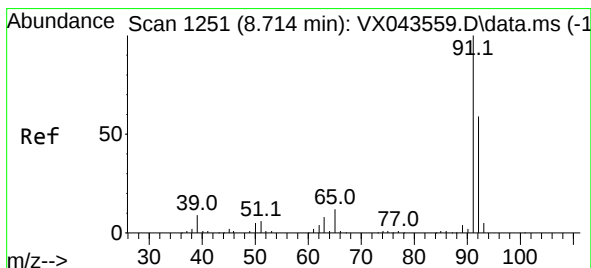
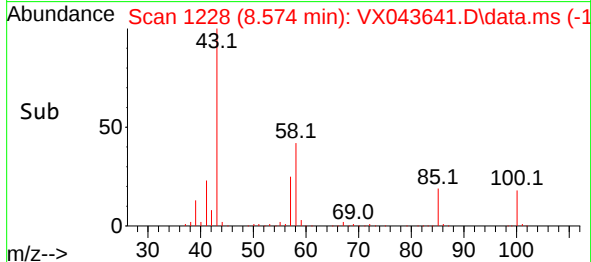
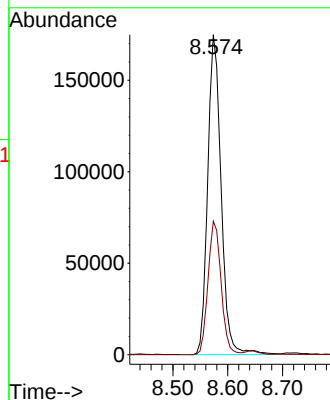
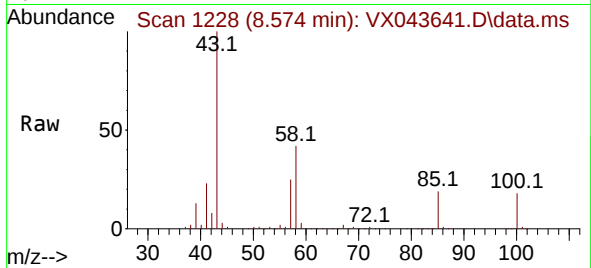




#51  
4-Methyl-2-Pentanone  
Concen: 96.639 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

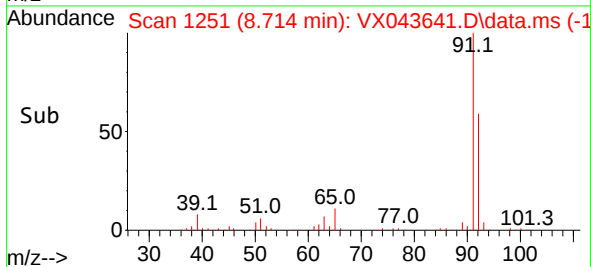
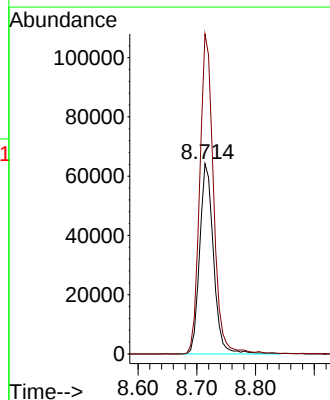
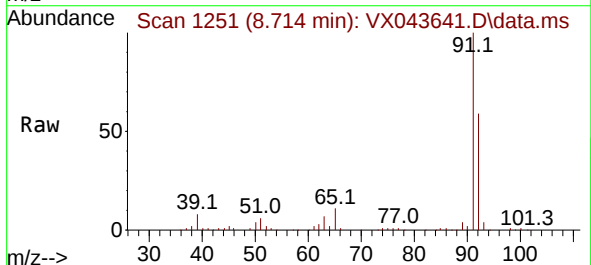
Instrument :  
MSVOA\_X  
ClientSampleId :

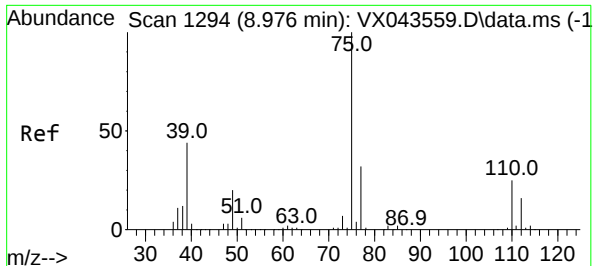
Tgt Ion: 43 Resp: 296357  
Ion Ratio Lower Upper  
43 100  
58 40.7 31.7 47.5



#52  
Toluene  
Concen: 20.796 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 92 Resp: 105440  
Ion Ratio Lower Upper  
92 100  
91 167.3 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 18.561 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

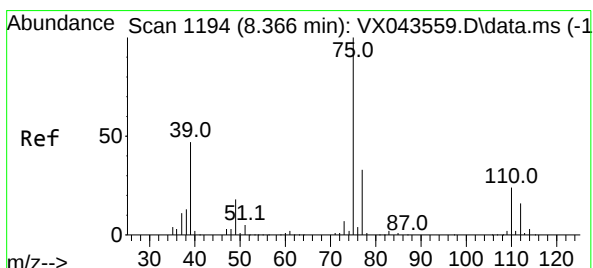
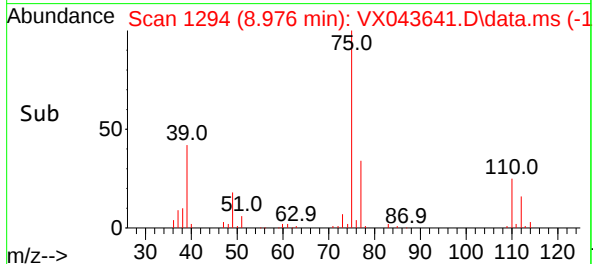
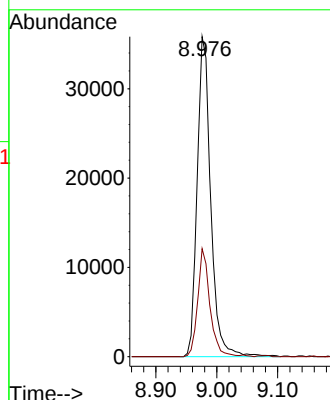
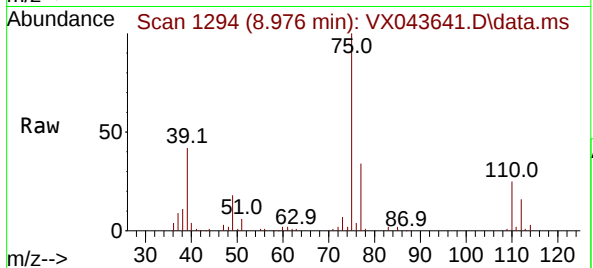
ClientSampleId :

Tgt Ion: 75 Resp: 55431

Ion Ratio Lower Upper

75 100

77 33.7 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 19.698 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

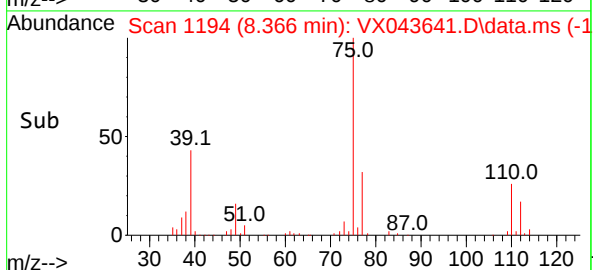
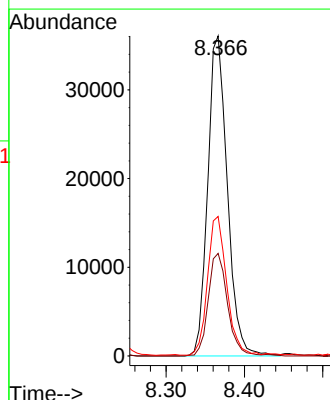
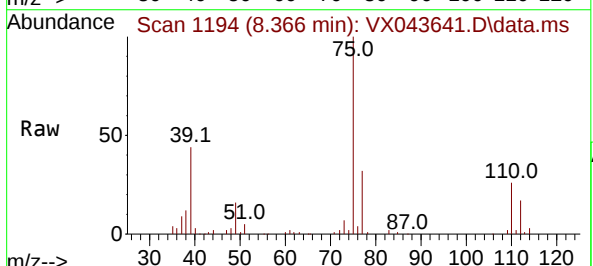
Tgt Ion: 75 Resp: 62679

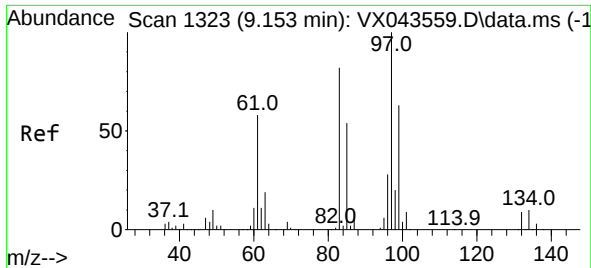
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 43.3 37.7 56.5

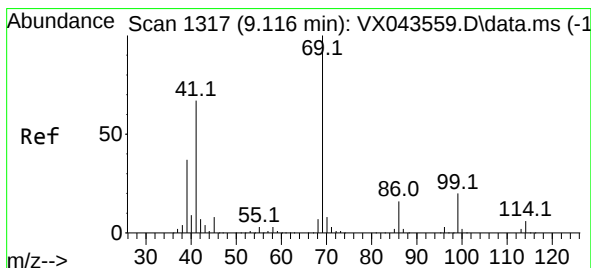
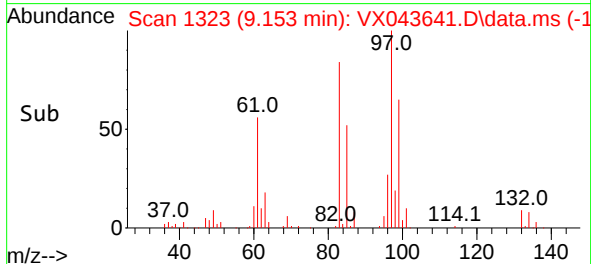
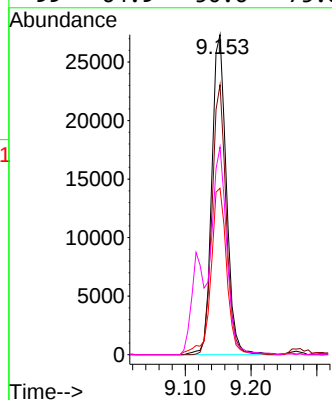
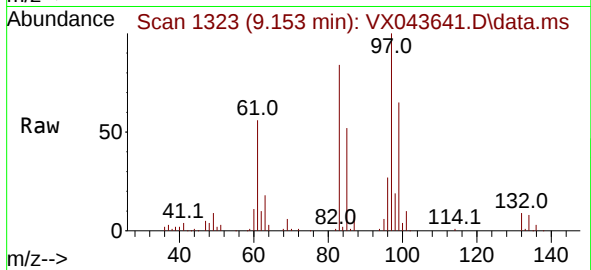




#55  
 1,1,2-Trichloroethane  
 Concen: 20.009 ug/l  
 RT: 9.153 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX043641.D  
 Acq: 31 Oct 2024 11:13

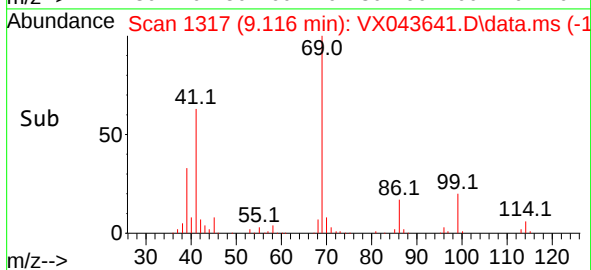
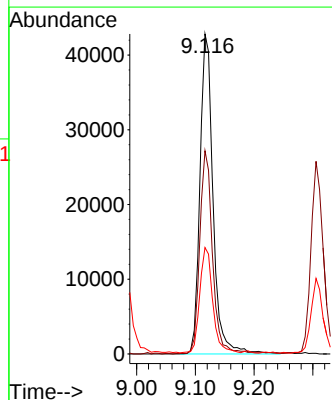
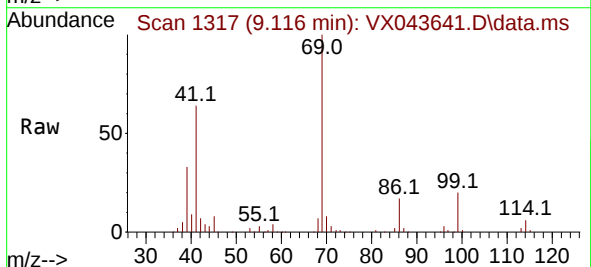
Instrument :  
 MSVOA\_X  
 ClientSampleId :

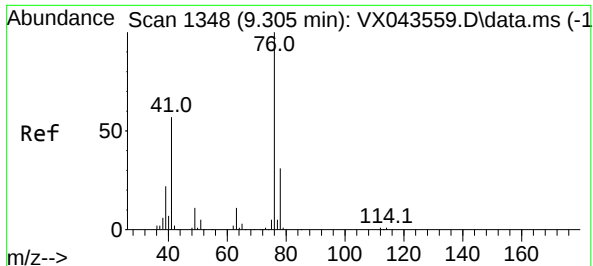
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 42228 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.4     | 67.3 100.9  |
| 85 52.0     | 43.6 65.4   |
| 99 64.9     | 50.6 75.8   |



#56  
 Ethyl methacrylate  
 Concen: 19.343 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX043641.D  
 Acq: 31 Oct 2024 11:13

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 66333 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 62.0     | 53.8 80.8   |
| 39 32.6     | 29.9 44.9   |

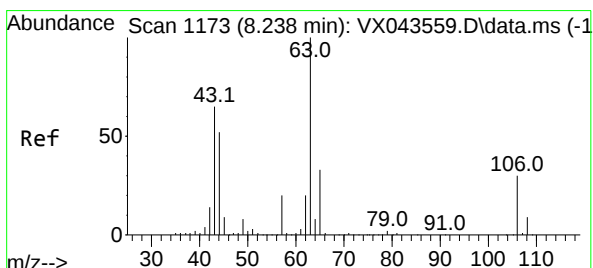
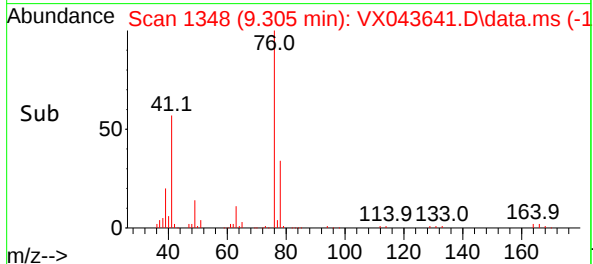
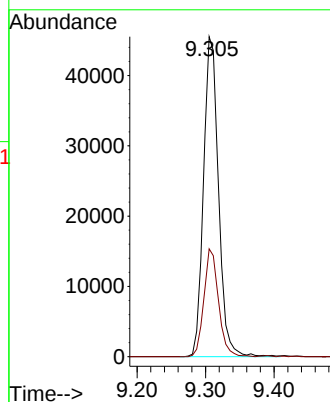
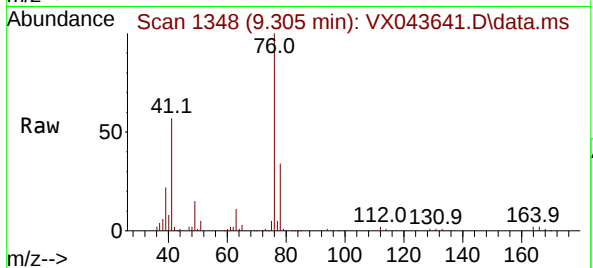




#57  
1,3-Dichloropropane  
Concen: 19.783 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

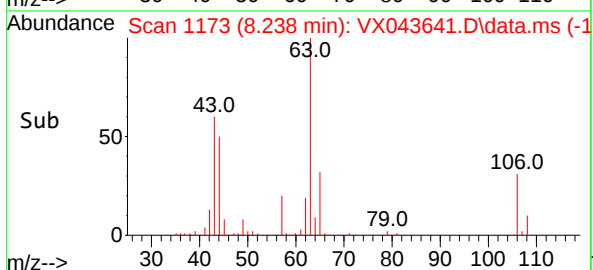
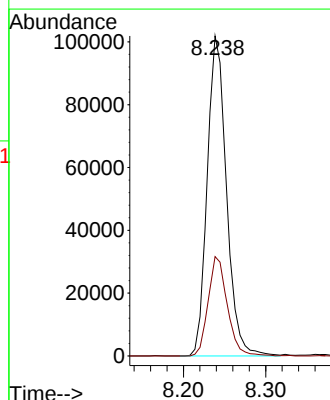
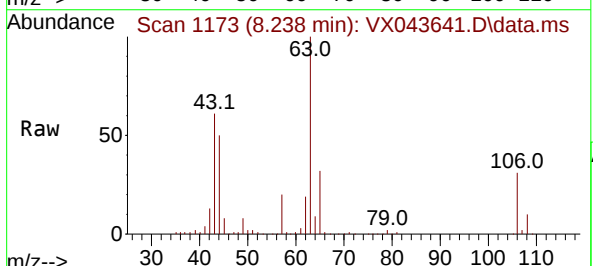
Instrument :  
MSVOA\_X  
ClientSampleId :

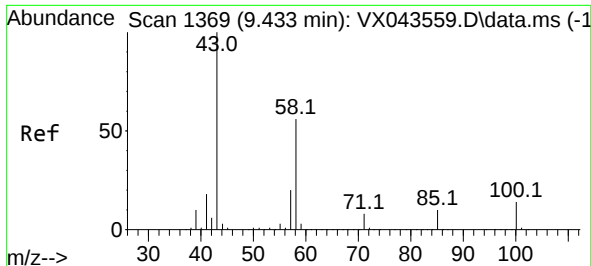
Tgt Ion: 76 Resp: 69442  
Ion Ratio Lower Upper  
76 100  
78 32.8 25.9 38.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 99.999 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 63 Resp: 166082  
Ion Ratio Lower Upper  
63 100  
106 30.9 23.6 35.4

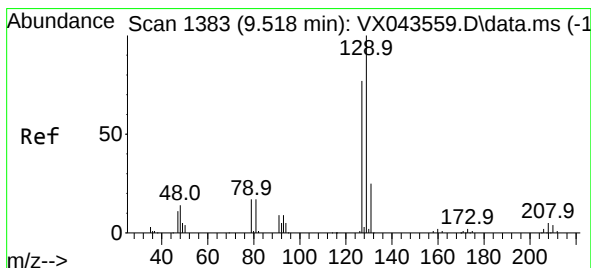
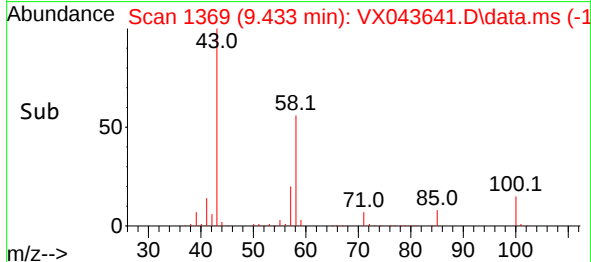
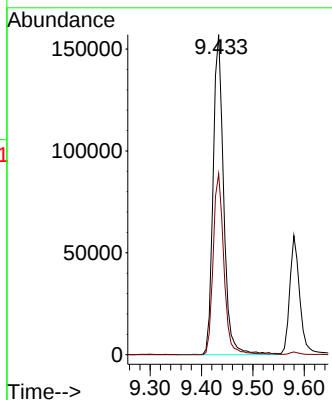
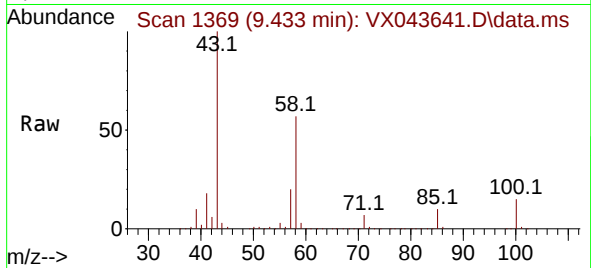




#59  
2-Hexanone  
Concen: 96.556 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

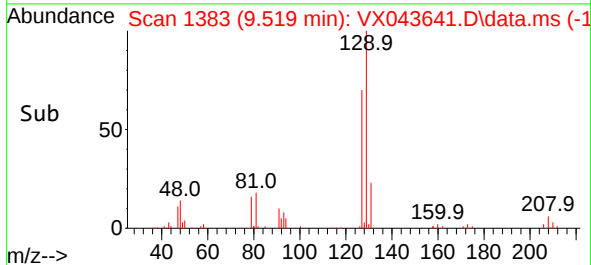
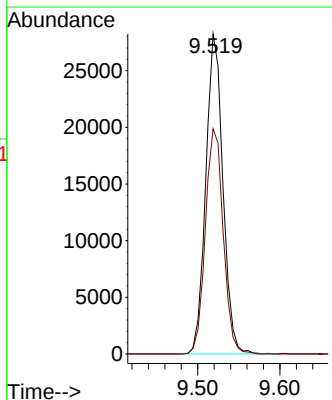
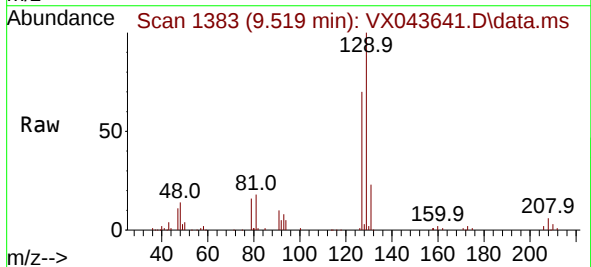
Instrument :  
MSVOA\_X  
ClientSampleId :

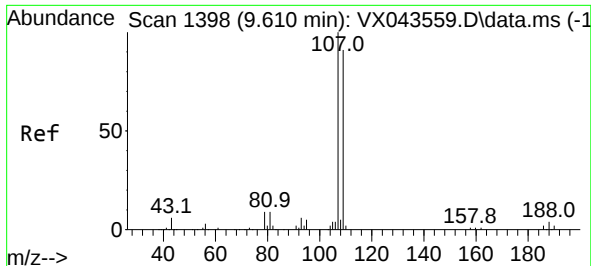
Tgt Ion: 43 Resp: 224890  
Ion Ratio Lower Upper  
43 100  
58 57.4 27.5 82.5



#60  
Dibromochloromethane  
Concen: 19.515 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 129 Resp: 40782  
Ion Ratio Lower Upper  
129 100  
127 73.5 38.4 115.1

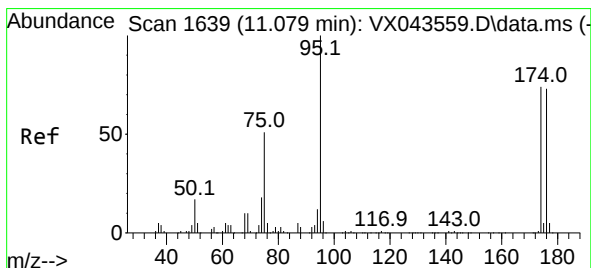
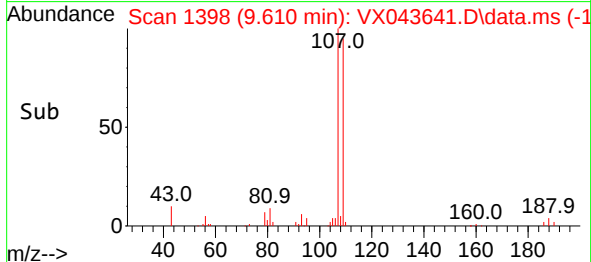
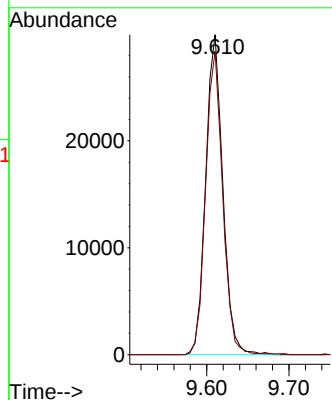
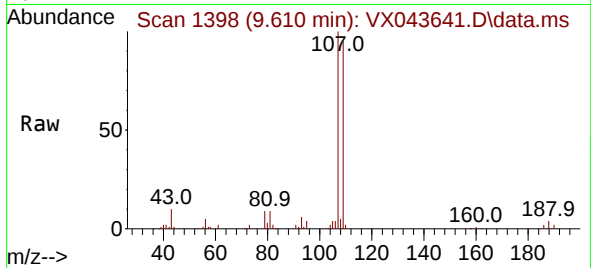




#61  
1,2-Dibromoethane  
Concen: 19.803 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

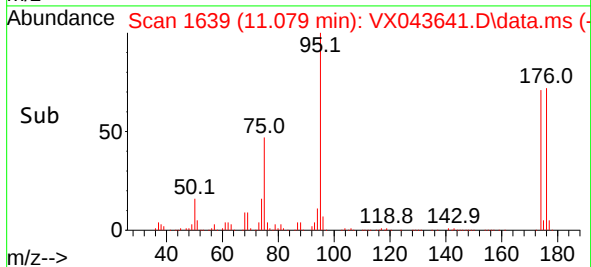
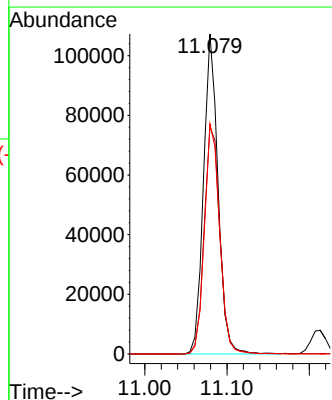
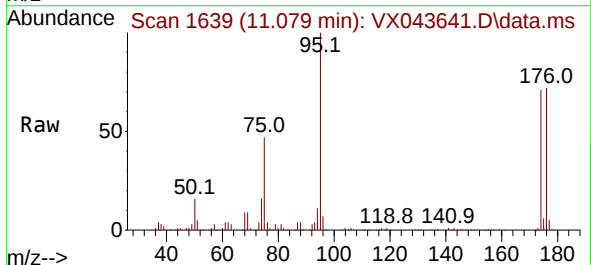
Instrument :  
MSVOA\_X  
ClientSampleId :

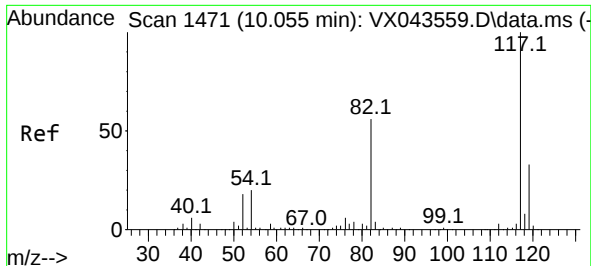
Tgt Ion:107 Resp: 43385  
Ion Ratio Lower Upper  
107 100  
109 94.3 77.1 115.7



#62  
4-Bromofluorobenzene  
Concen: 48.711 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 95 Resp: 132052  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 146.6  
176 75.2 0.0 139.6

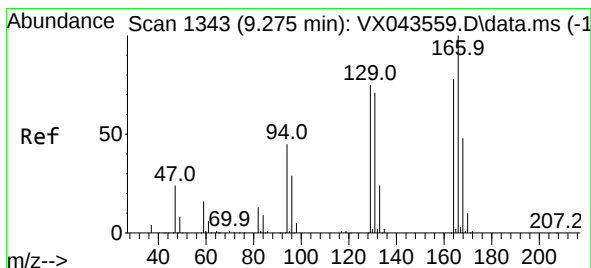
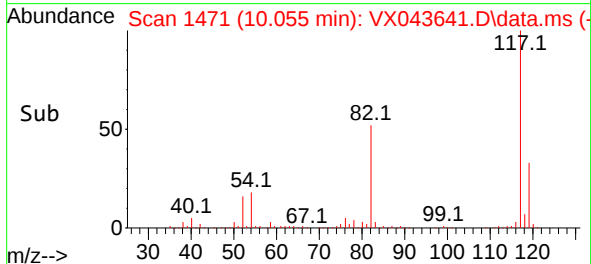
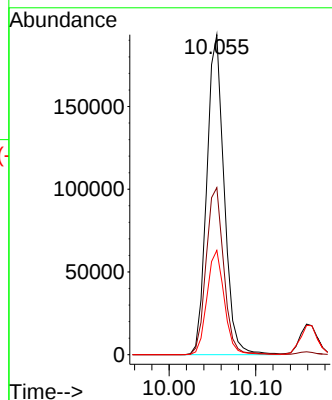
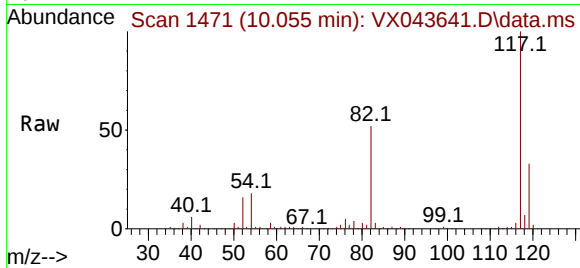




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

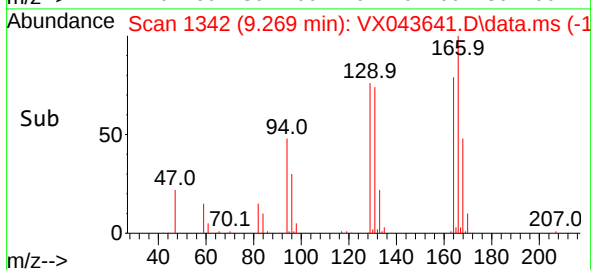
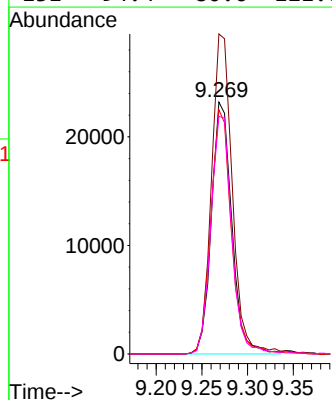
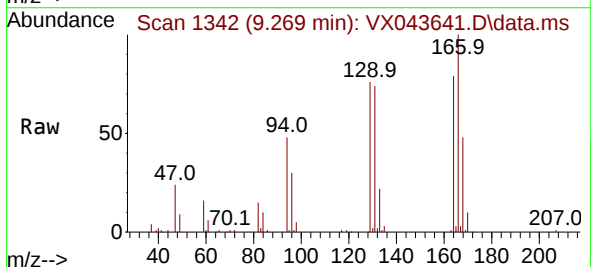
Instrument :  
MSVOA\_X  
ClientSampleId :

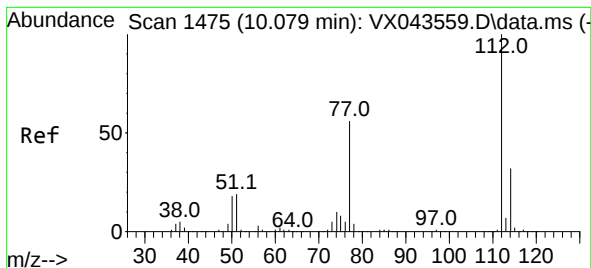
Tgt Ion:117 Resp: 268830  
Ion Ratio Lower Upper  
117 100  
82 52.2 42.1 63.1  
119 32.6 25.4 38.2



#64  
Tetrachloroethene  
Concen: 21.296 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion:164 Resp: 36007  
Ion Ratio Lower Upper  
164 100  
166 127.1 103.8 155.6  
129 96.9 83.8 125.6  
131 94.4 80.6 121.0





#65

Chlorobenzene

Concen: 19.929 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

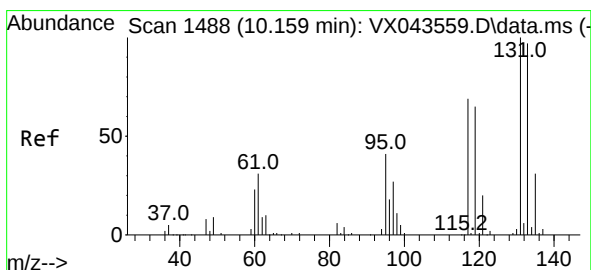
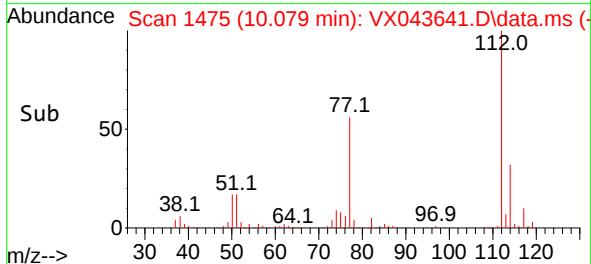
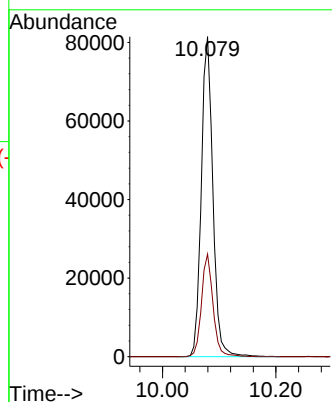
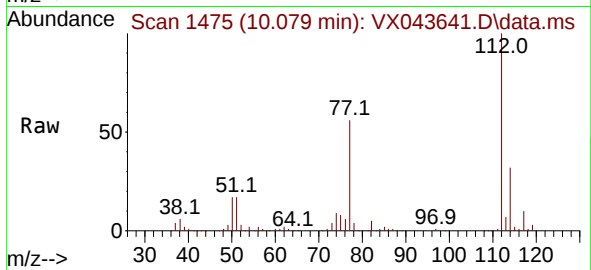
ClientSampleId :

Tgt Ion:112 Resp: 115262

Ion Ratio Lower Upper

112 100

114 32.1 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.919 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

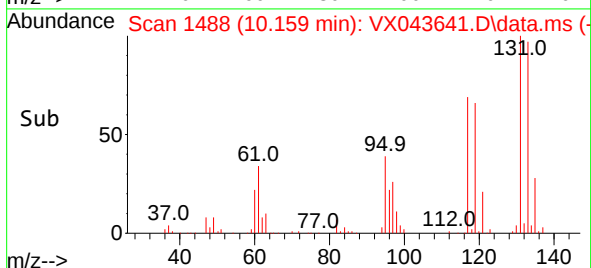
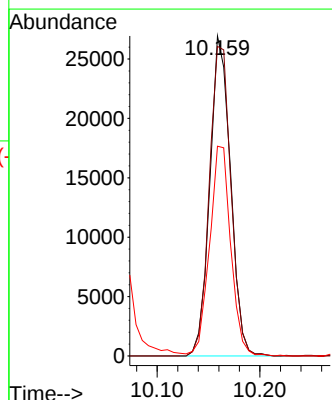
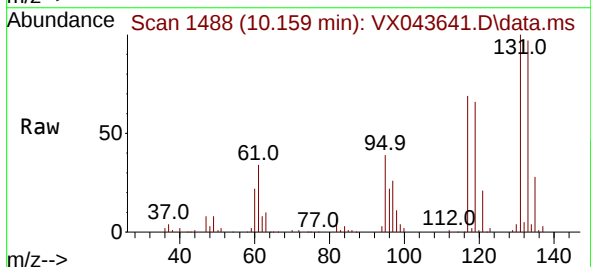
Tgt Ion:131 Resp: 37630

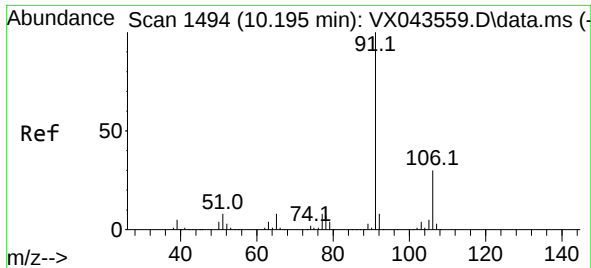
Ion Ratio Lower Upper

131 100

133 101.1 48.0 144.0

119 67.2 32.3 96.9

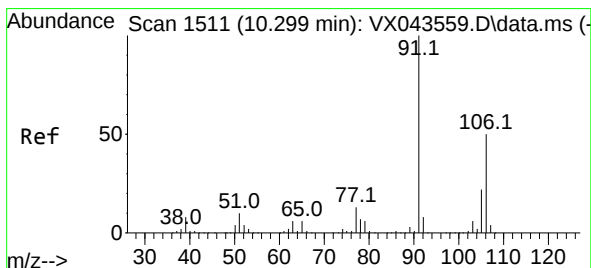
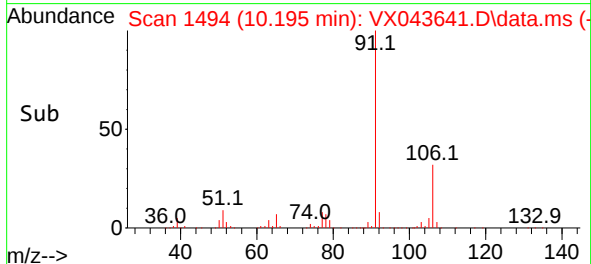
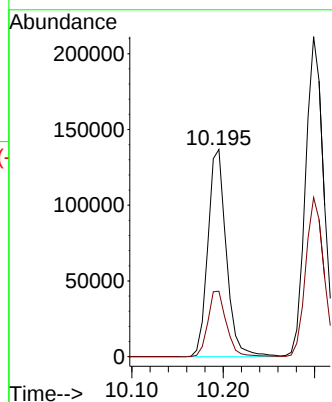
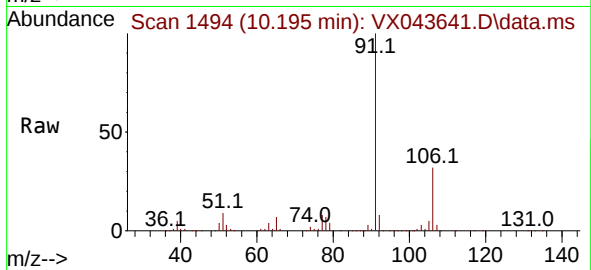




#67  
Ethyl Benzene  
Concen: 20.309 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

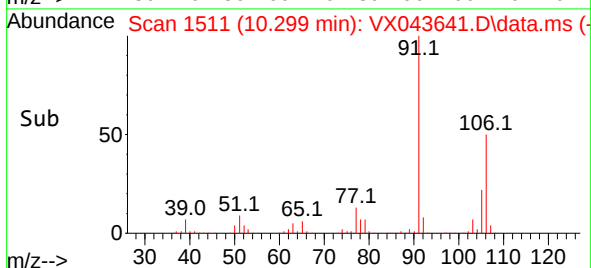
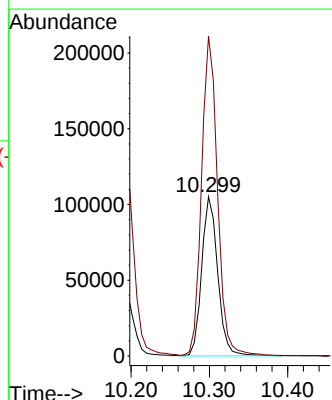
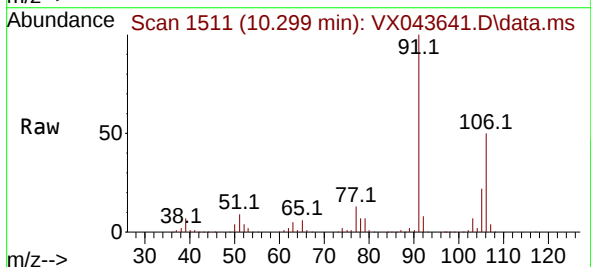
Instrument :  
MSVOA\_X  
ClientSampleId :

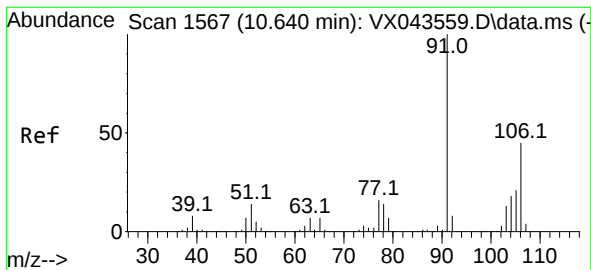
Tgt Ion: 91 Resp: 191534  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.4 38.2



#68  
m/p-Xylenes  
Concen: 41.250 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion:106 Resp: 148770  
Ion Ratio Lower Upper  
106 100  
91 200.7 164.7 247.1

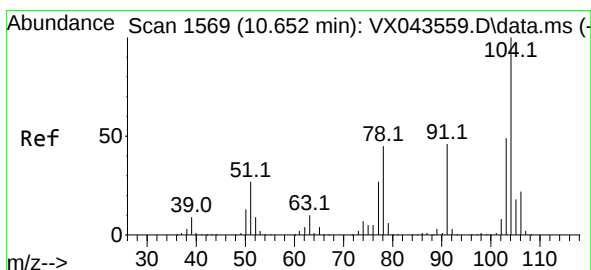
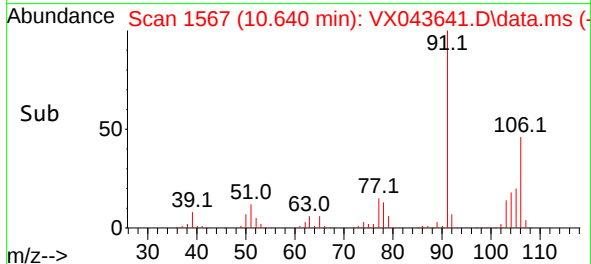
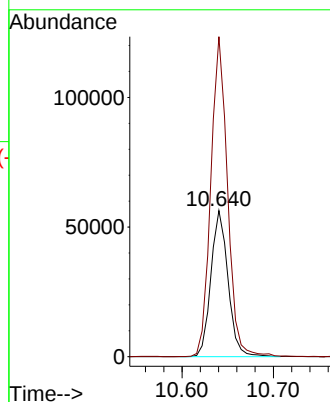
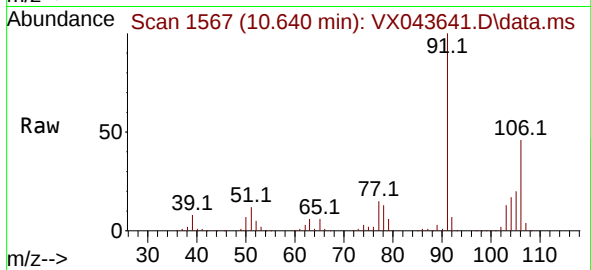




#69  
o-Xylene  
Concen: 20.188 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

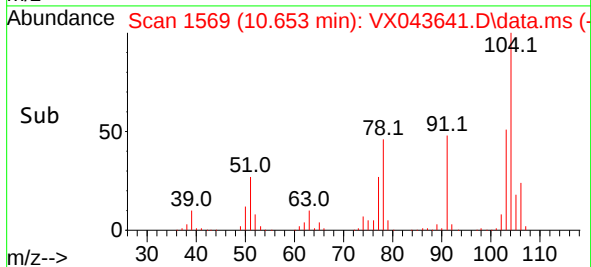
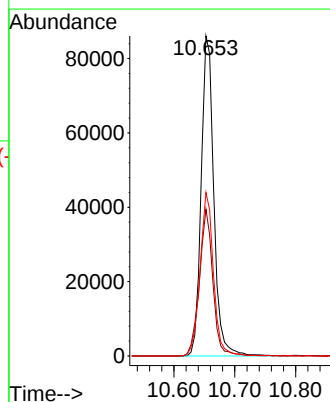
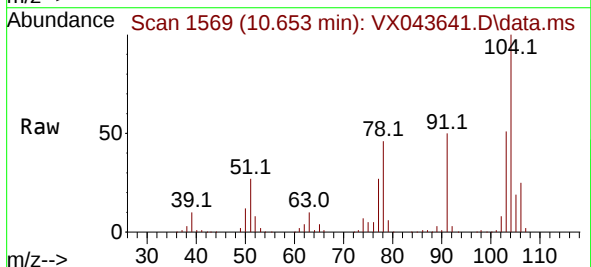
Instrument :  
MSVOA\_X  
ClientSampleId :

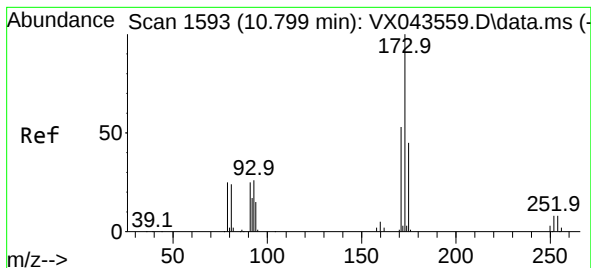
Tgt Ion:106 Resp: 73154  
Ion Ratio Lower Upper  
106 100  
91 214.5 107.9 323.7



#70  
Styrene  
Concen: 20.589 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion:104 Resp: 124006  
Ion Ratio Lower Upper  
104 100  
78 48.7 40.0 60.0  
103 54.2 43.4 65.0





#71

Bromoform

Concen: 18.789 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

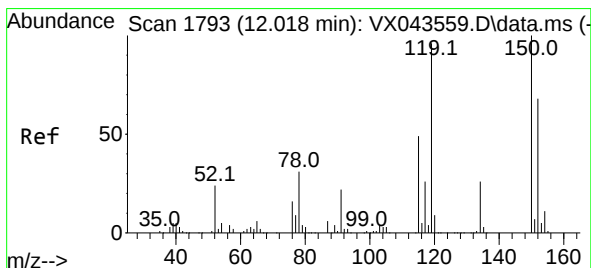
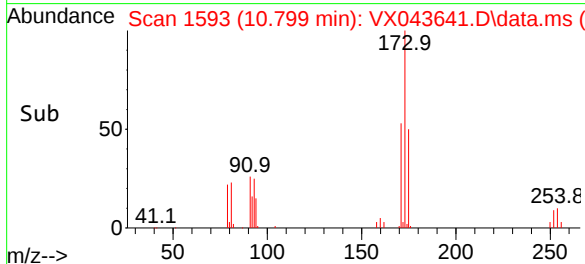
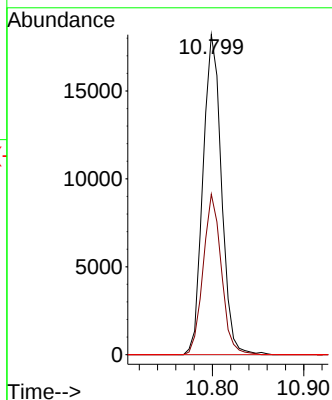
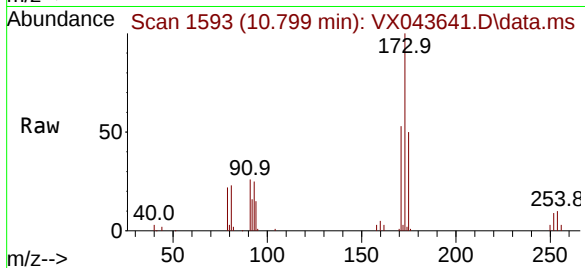
Tgt Ion:173 Resp: 25521

Ion Ratio Lower Upper

173 100

175 49.4 23.3 69.9

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

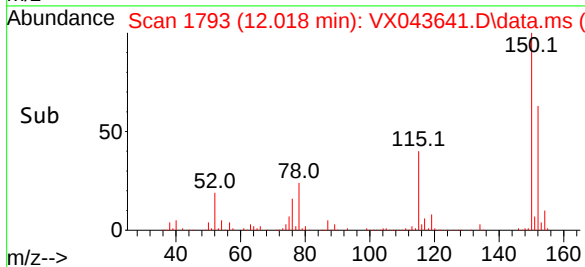
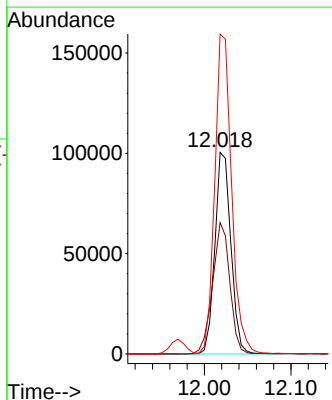
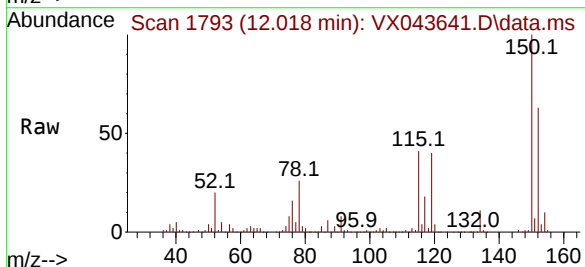
Tgt Ion:152 Resp: 129133

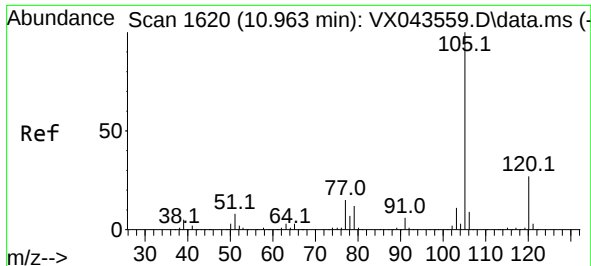
Ion Ratio Lower Upper

152 100

115 70.3 42.9 128.7

150 166.2 0.0 343.6

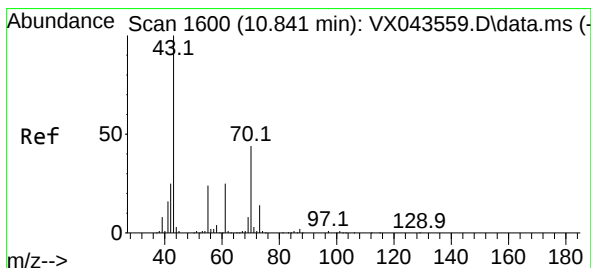
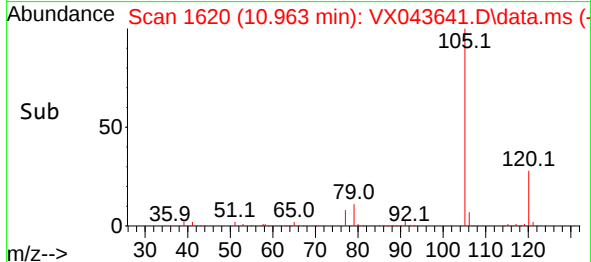
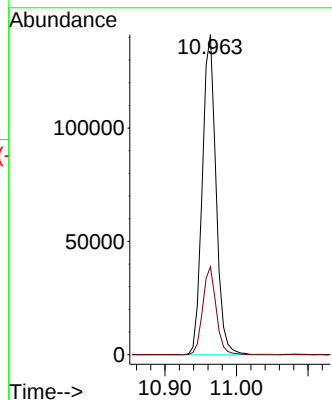
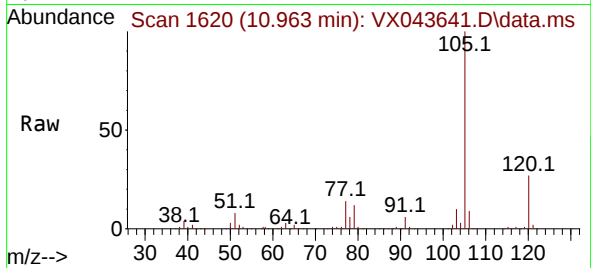




#73  
Isopropylbenzene  
Concen: 20.545 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

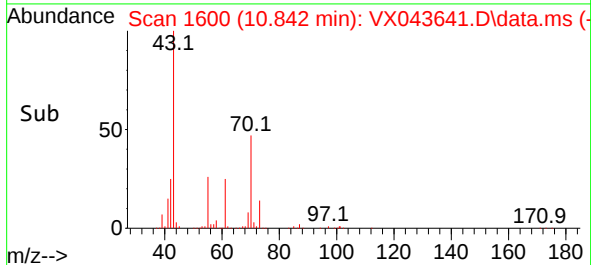
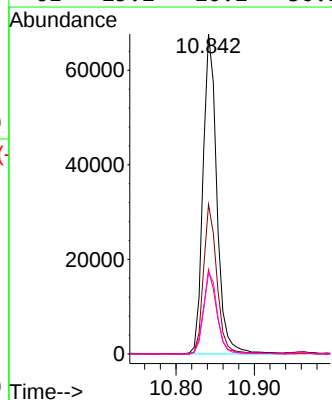
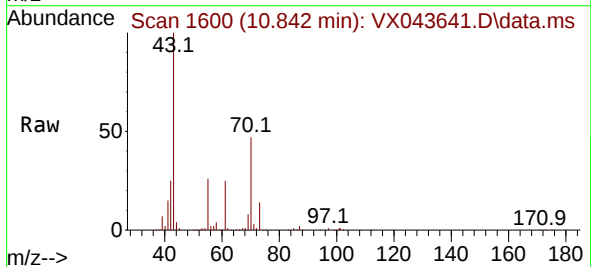
Instrument :  
MSVOA\_X  
ClientSampleId :

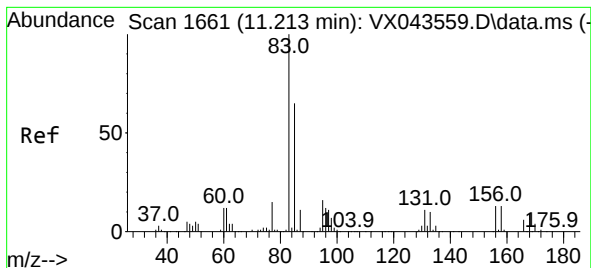
Tgt Ion:105 Resp: 187935  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.2 39.6



#74  
N-ethyl acetate  
Concen: 18.675 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 43 Resp: 83217  
Ion Ratio Lower Upper  
43 100  
70 45.1 34.6 52.0  
55 25.2 19.6 29.4  
61 25.2 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.869 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

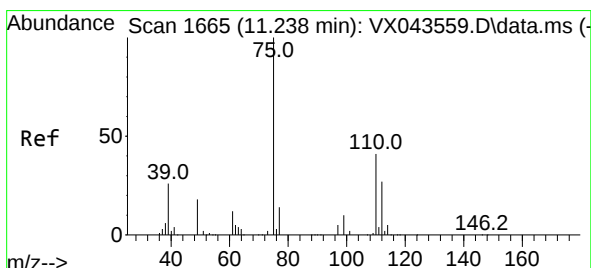
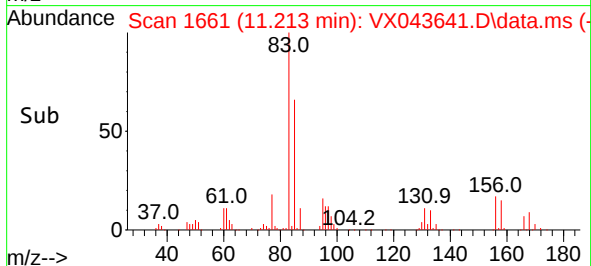
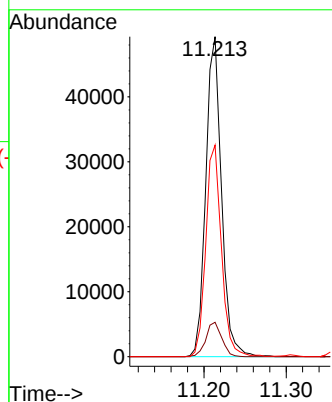
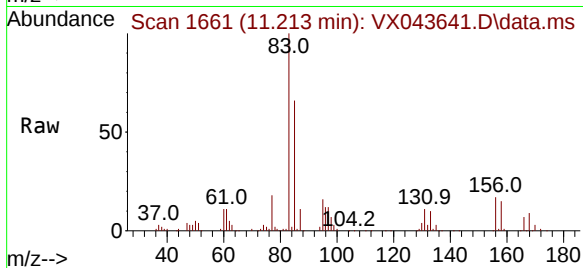
Tgt Ion: 83 Resp: 65355

Ion Ratio Lower Upper

83 100

131 10.9 5.3 15.9

85 65.9 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 24.645 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043641.D

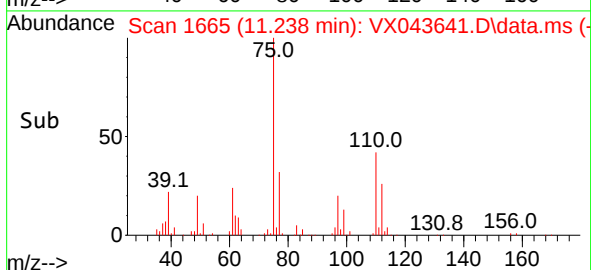
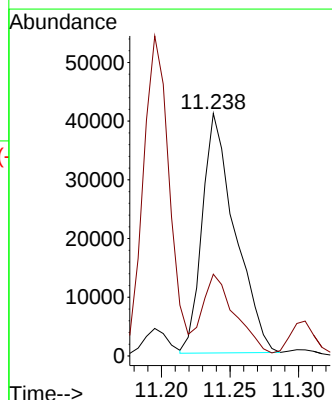
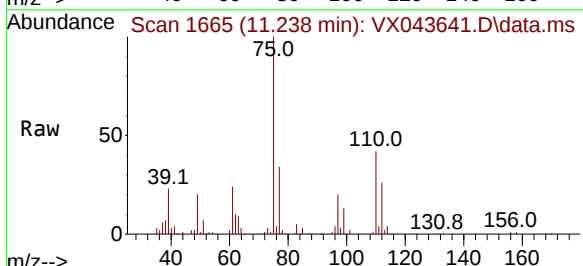
Acq: 31 Oct 2024 11:13

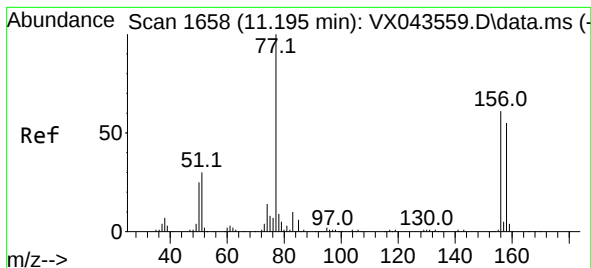
Tgt Ion: 75 Resp: 68046

Ion Ratio Lower Upper

75 100

77 34.6 22.4 67.2





#77

Bromobenzene

Concen: 20.323 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

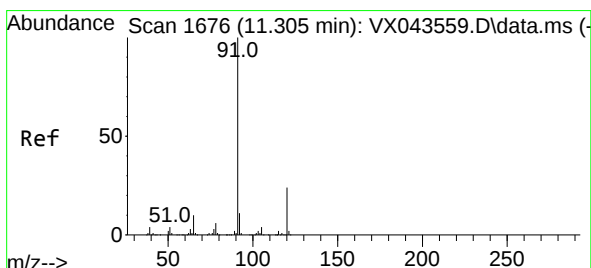
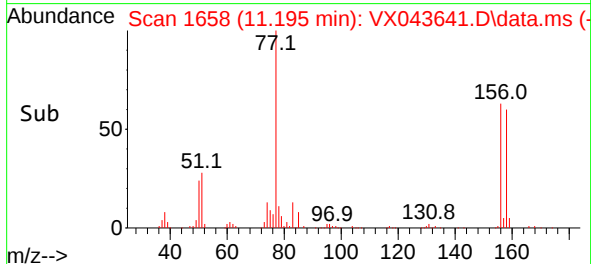
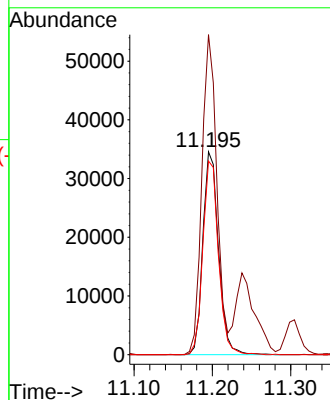
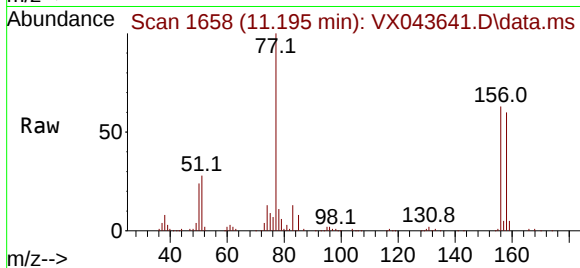
Tgt Ion:156 Resp: 48002

Ion Ratio Lower Upper

156 100

77 150.5 79.7 239.1

158 95.2 48.0 144.0



#78

n-propylbenzene

Concen: 20.533 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043641.D

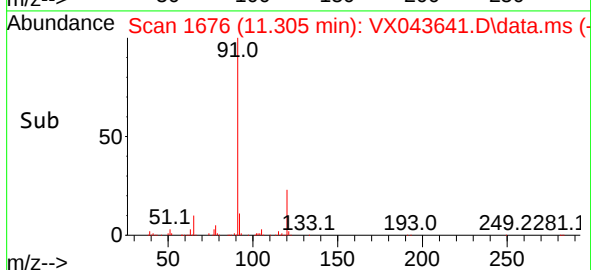
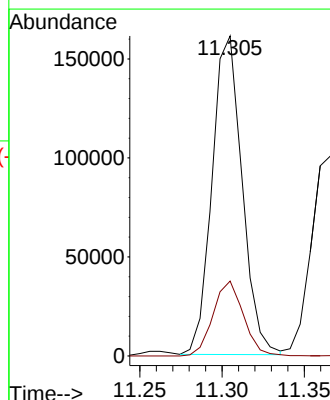
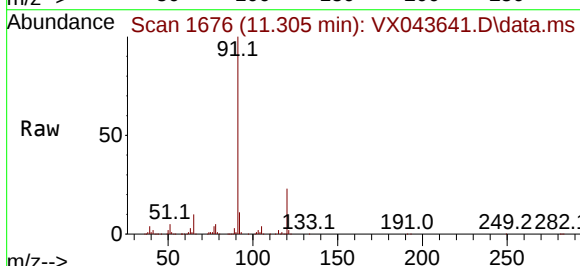
Acq: 31 Oct 2024 11:13

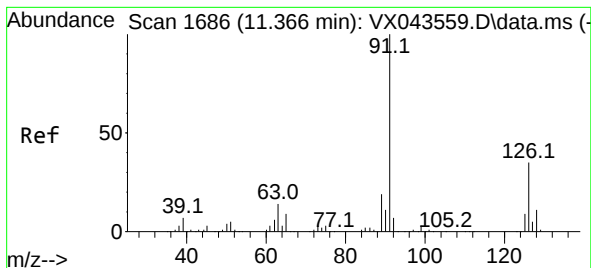
Tgt Ion: 91 Resp: 204791

Ion Ratio Lower Upper

91 100

120 23.8 11.6 34.7





#79

2-Chlorotoluene

Concen: 19.958 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

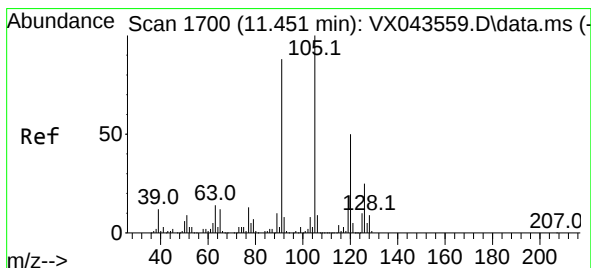
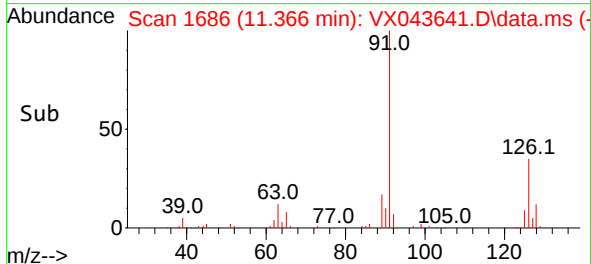
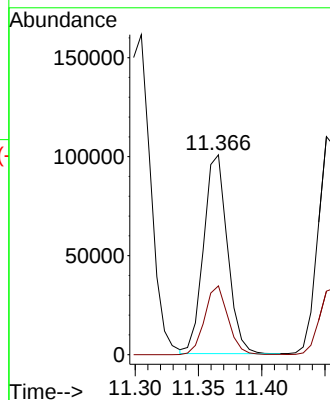
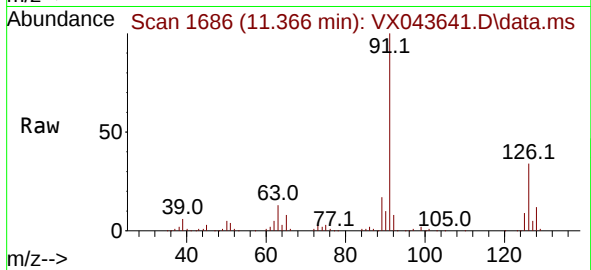
ClientSampleId :

Tgt Ion: 91 Resp: 131990

Ion Ratio Lower Upper

91 100

126 34.0 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 20.882 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043641.D

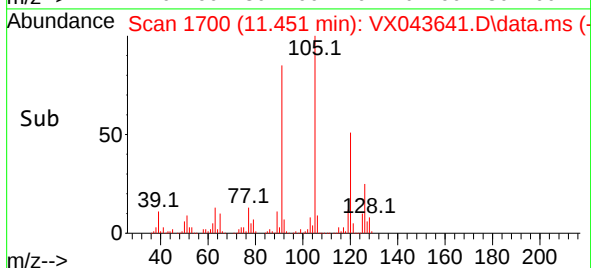
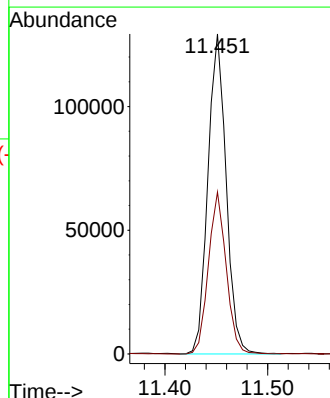
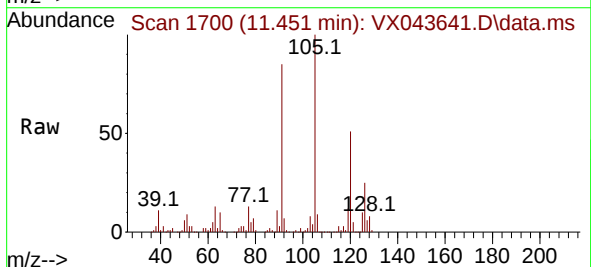
Acq: 31 Oct 2024 11:13

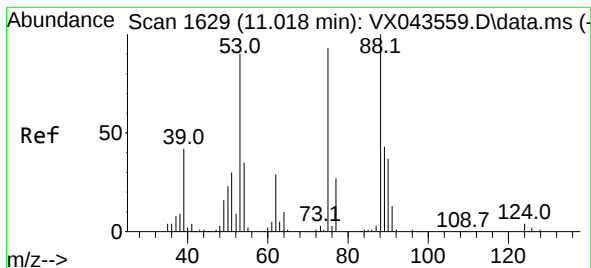
Tgt Ion:105 Resp: 159266

Ion Ratio Lower Upper

105 100

120 49.5 23.8 71.5

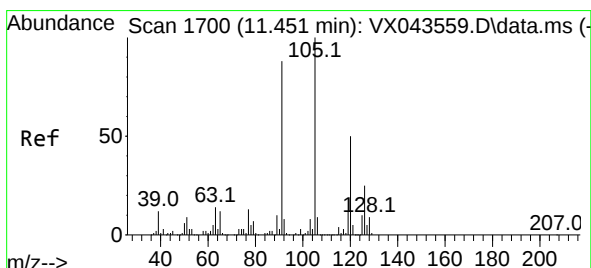
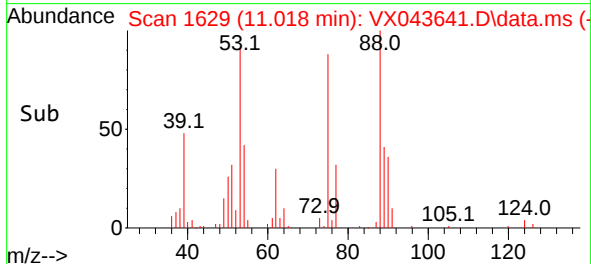
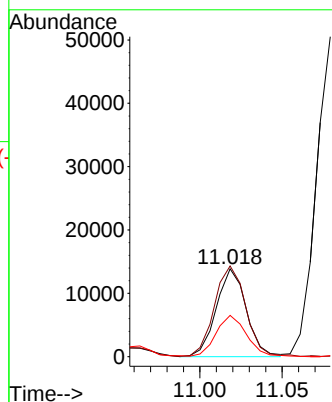
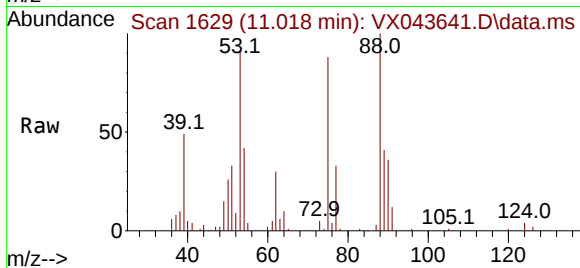




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.522 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

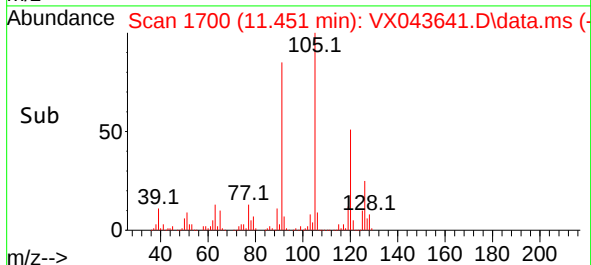
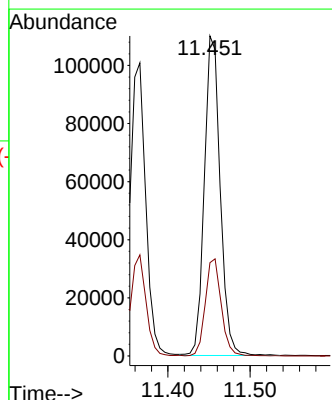
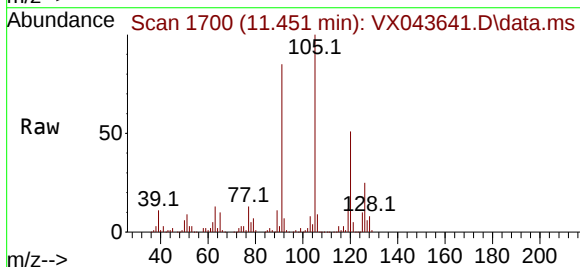
Instrument :  
MSVOA\_X  
ClientSampleId :

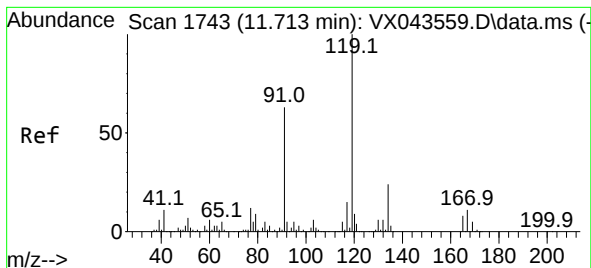
Tgt Ion: 75 Resp: 17586  
Ion Ratio Lower Upper  
75 100  
53 108.9 84.6 126.8  
89 48.1 38.6 58.0



#82  
4-Chlorotoluene  
Concen: 19.856 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion: 91 Resp: 147395  
Ion Ratio Lower Upper  
91 100  
126 30.8 14.2 42.8





#83

tert-Butylbenzene

Concen: 20.656 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

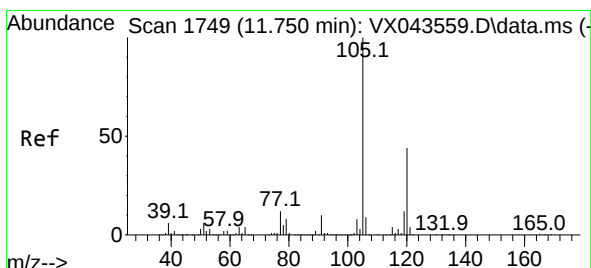
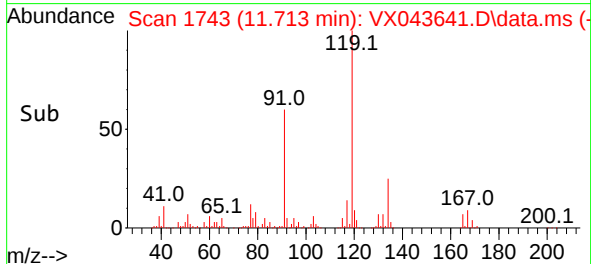
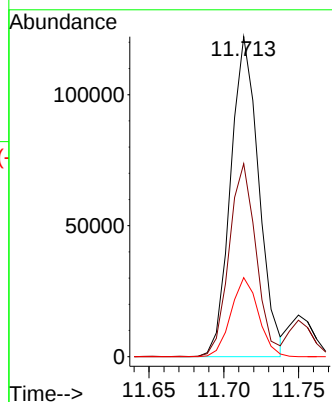
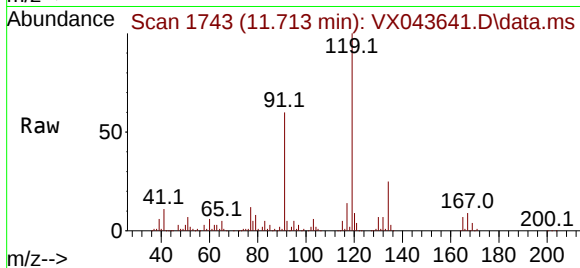
Tgt Ion:119 Resp: 160223

Ion Ratio Lower Upper

119 100

91 57.8 29.5 88.5

134 24.0 11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 20.590 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043641.D

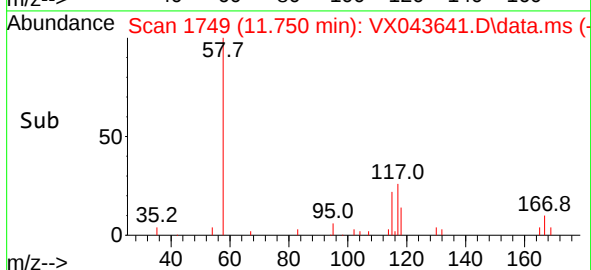
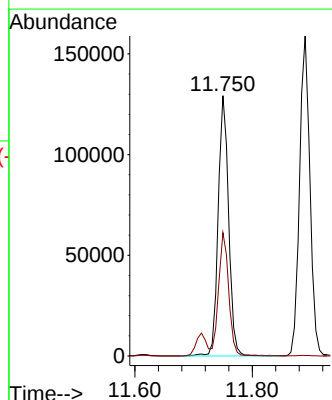
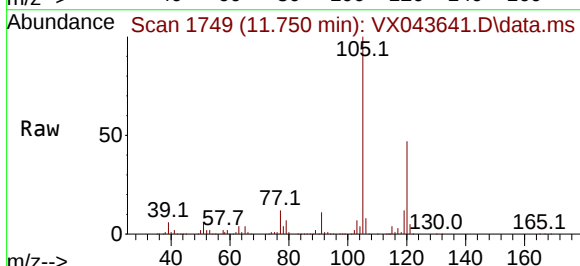
Acq: 31 Oct 2024 11:13

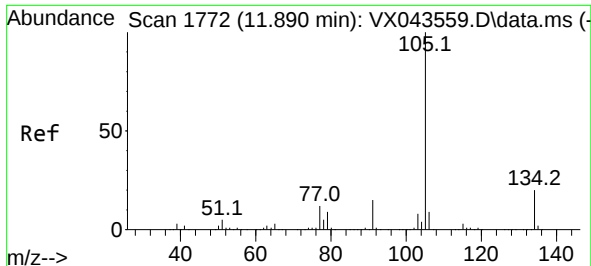
Tgt Ion:105 Resp: 160037

Ion Ratio Lower Upper

105 100

120 46.1 22.1 66.1

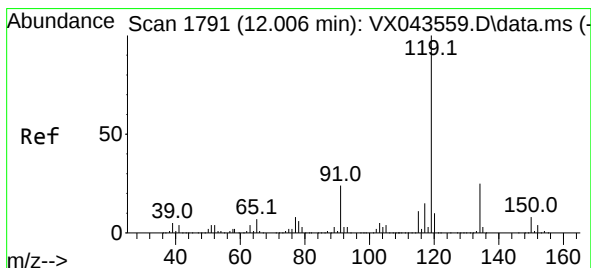
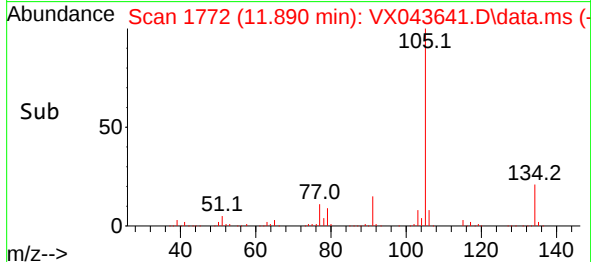
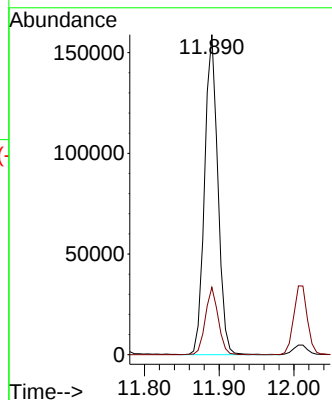
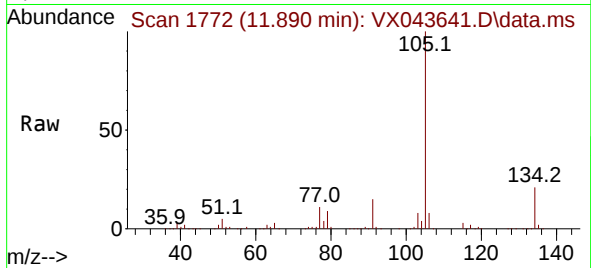




#85  
sec-Butylbenzene  
Concen: 21.471 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

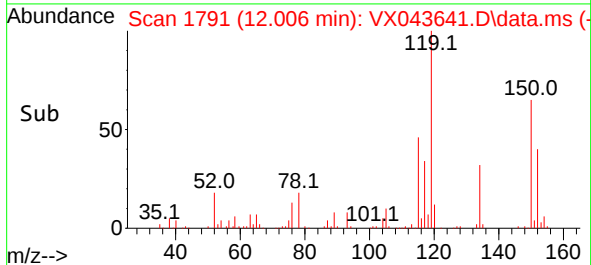
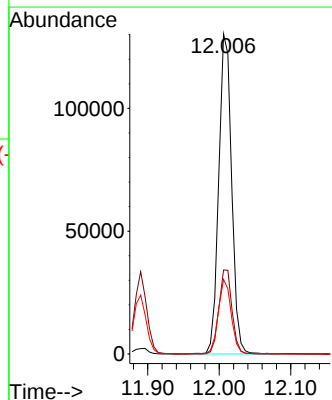
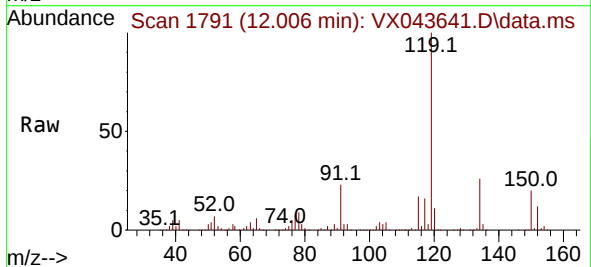
Instrument :  
MSVOA\_X  
ClientSampleId :

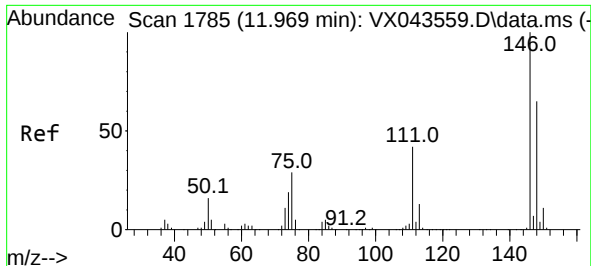
Tgt Ion:105 Resp: 195210  
Ion Ratio Lower Upper  
105 100  
134 20.4 9.8 29.5



#86  
p-Isopropyltoluene  
Concen: 21.114 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion:119 Resp: 163177  
Ion Ratio Lower Upper  
119 100  
134 26.7 13.1 39.1  
91 23.5 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.344 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

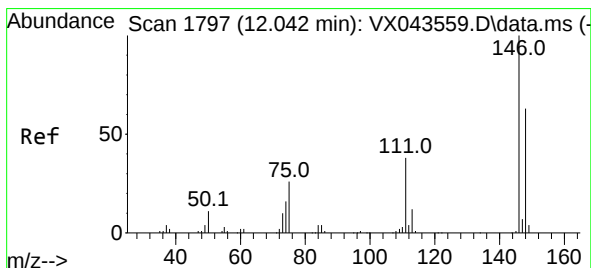
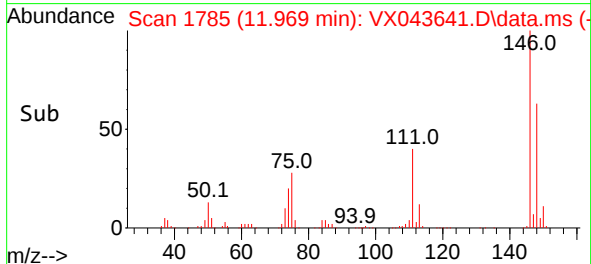
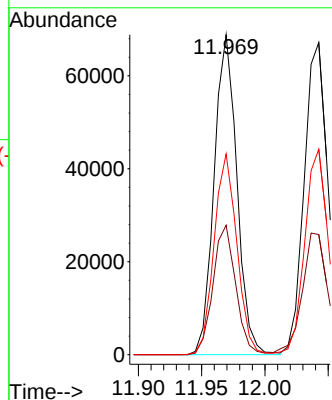
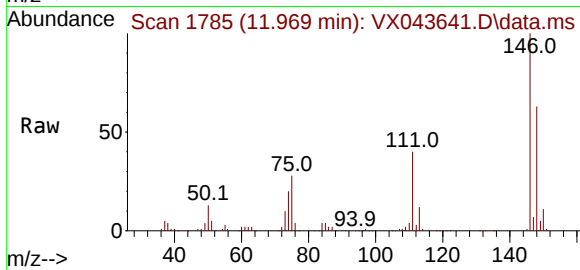
Tgt Ion:146 Resp: 86126

Ion Ratio Lower Upper

146 100

111 40.4 21.1 63.4

148 62.9 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 20.172 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

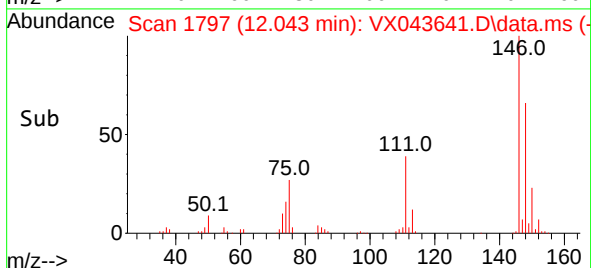
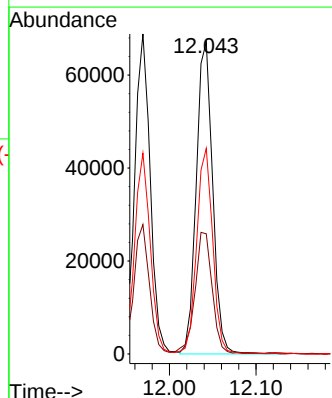
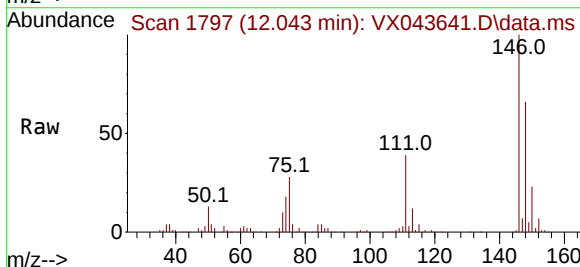
Tgt Ion:146 Resp: 88487

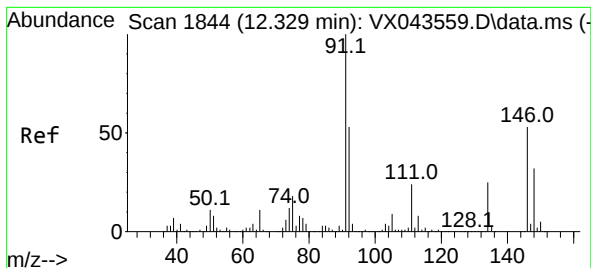
Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.3

148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 21.033 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

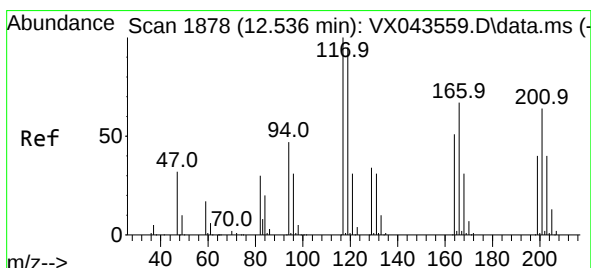
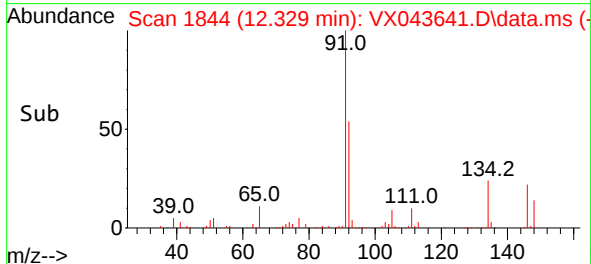
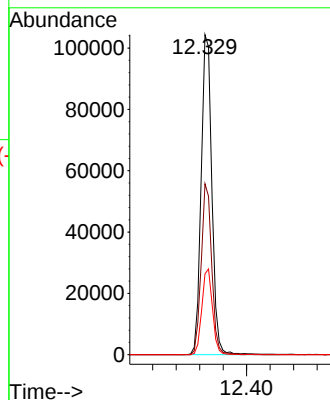
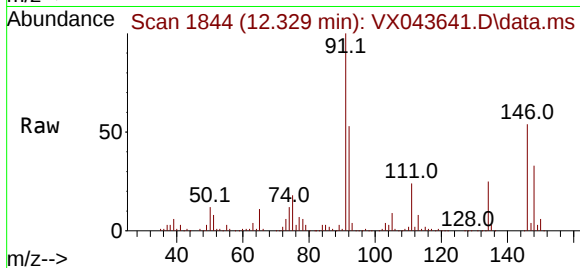
Tgt Ion: 91 Resp: 132451

Ion Ratio Lower Upper

91 100

92 52.4 27.1 81.2

134 26.4 12.9 38.6



#90

Hexachloroethane

Concen: 19.356 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043641.D

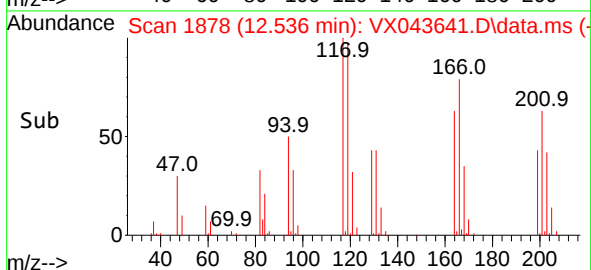
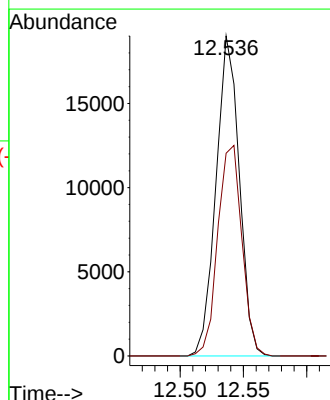
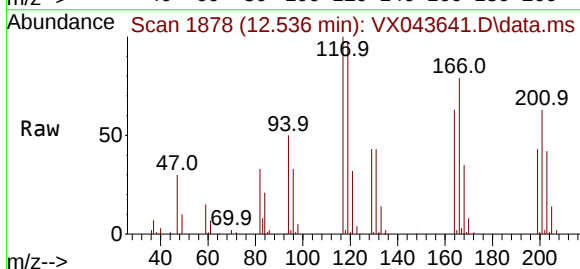
Acq: 31 Oct 2024 11:13

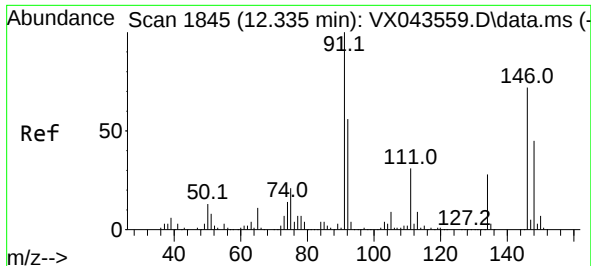
Tgt Ion: 117 Resp: 24298

Ion Ratio Lower Upper

117 100

201 68.3 32.9 98.7





#91

1,2-Dichlorobenzene

Concen: 20.516 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

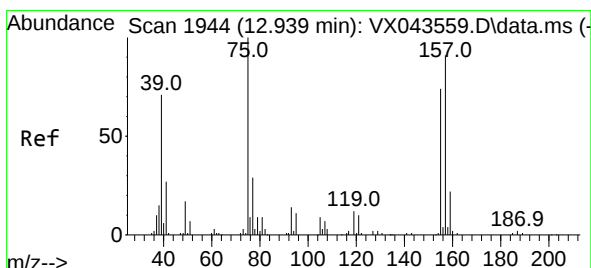
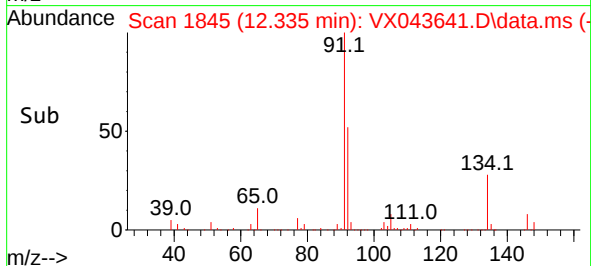
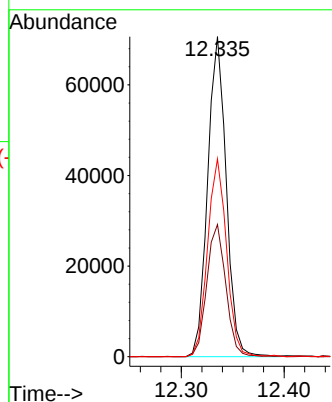
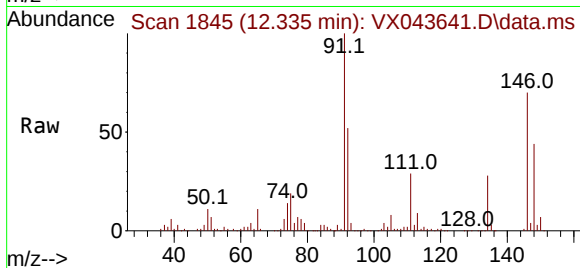
Tgt Ion:146 Resp: 88815

Ion Ratio Lower Upper

146 100

111 42.3 21.6 64.6

148 63.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.123 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

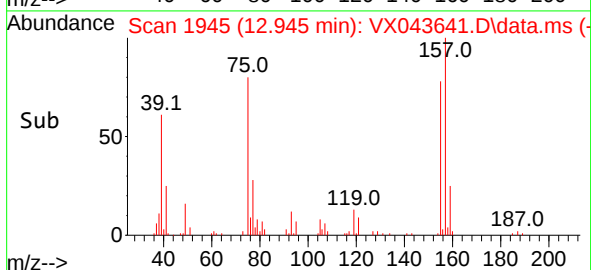
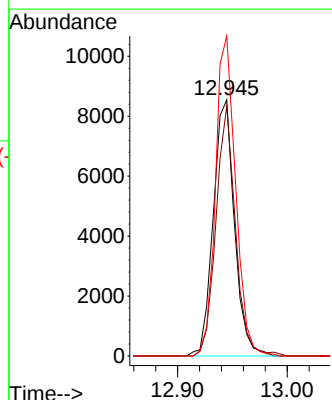
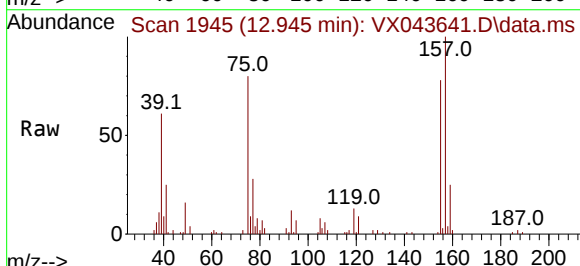
Tgt Ion: 75 Resp: 11482

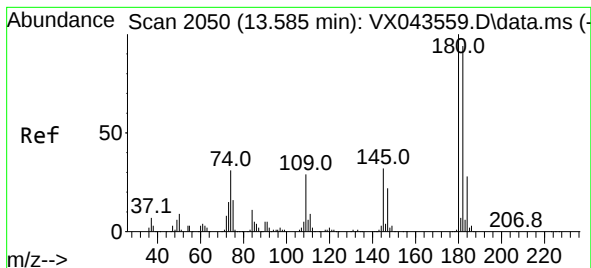
Ion Ratio Lower Upper

75 100

155 90.1 40.1 120.3

157 118.4 50.8 152.4





#93

1,2,4-Trichlorobenzene

Concen: 20.201 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043641.D

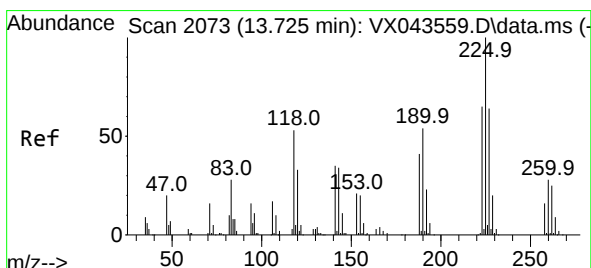
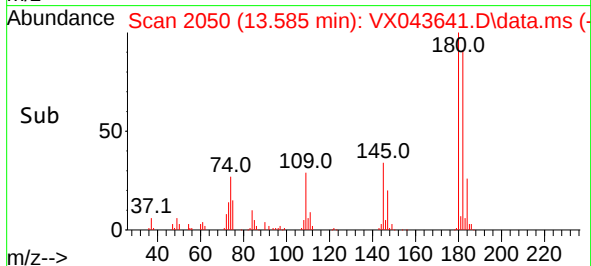
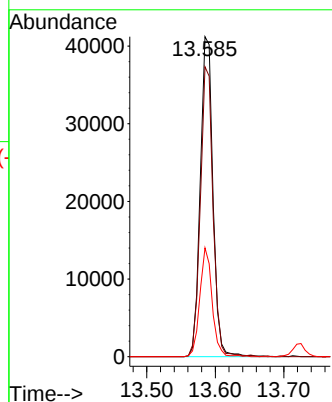
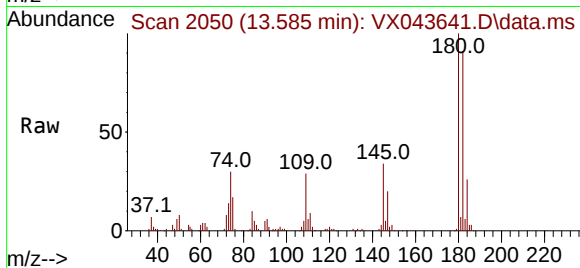
Acq: 31 Oct 2024 11:13

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 53081      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 90.7  | 46.8 140.4 |
| 145         | 33.1  | 16.1 48.3  |



#94

Hexachlorobutadiene

Concen: 20.620 ug/l

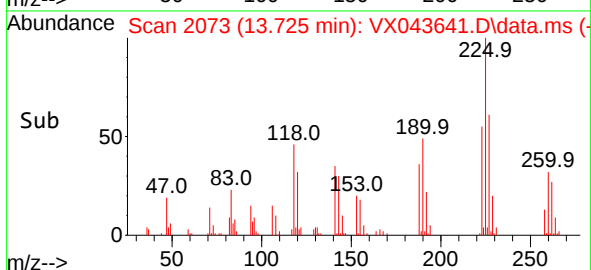
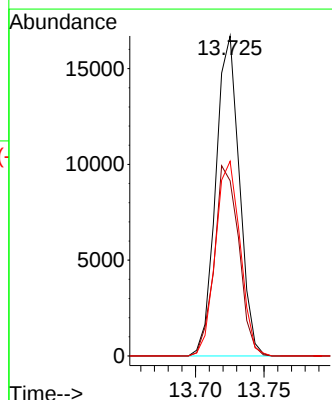
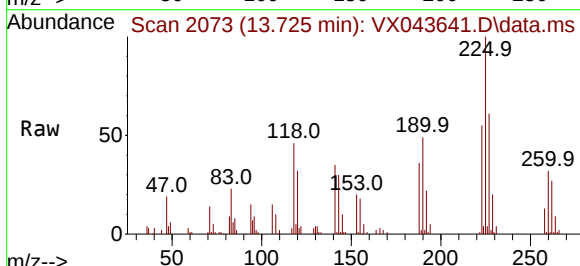
RT: 13.725 min Scan# 2073

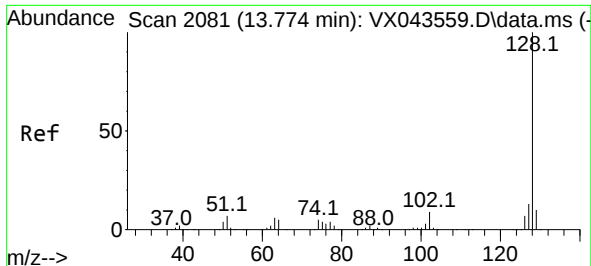
Delta R.T. 0.000 min

Lab File: VX043641.D

Acq: 31 Oct 2024 11:13

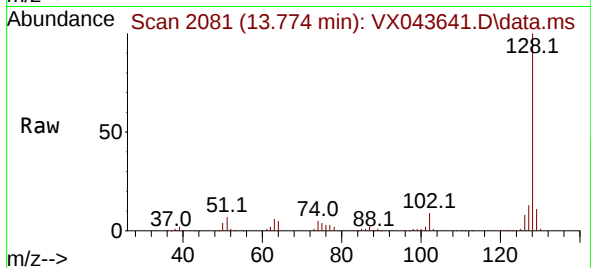
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 19977     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 61.6  | 30.8 92.4 |
| 227         | 63.9  | 31.6 94.8 |



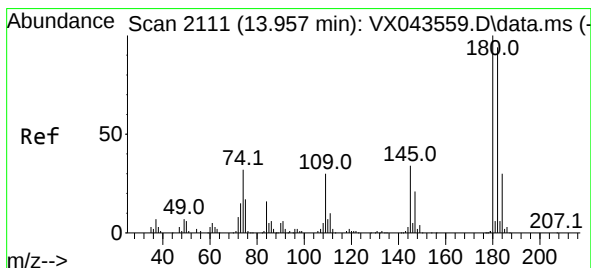
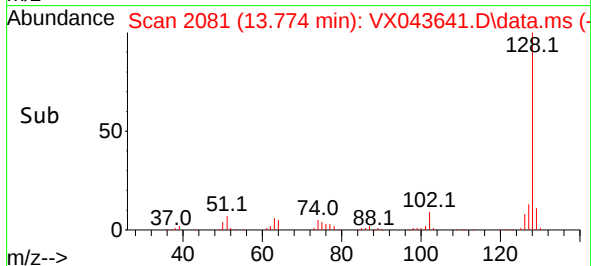
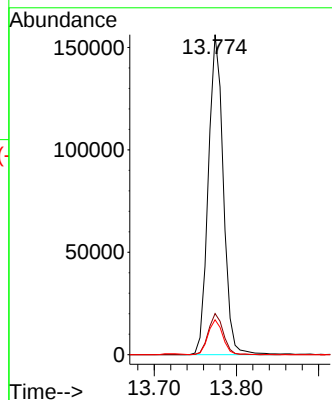


#95  
Naphthalene  
Concen: 19.691 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 198000  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 19.932 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: VX043641.D  
Acq: 31 Oct 2024 11:13

Tgt Ion:180 Resp: 55222  
Ion Ratio Lower Upper  
180 100  
182 94.2 47.1 141.3  
145 34.2 17.4 52.3

