

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101824\  
 Data File : VX043424.D  
 Acq On : 18 Oct 2024 10:40  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 18 23:14:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.543  | 168  | 91659    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.756  | 114  | 153375   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 132229   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 64168    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 75940    | 50.730   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 101.460% |      |
| 35) Dibromofluoromethane    | 5.379  | 113   | 56437    | 53.356   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.720% |      |
| 50) Toluene-d8              | 8.646  | 98    | 182645   | 49.828   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 99.660%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 70546    | 52.976   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 105.960% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 48027  | 45.046  | ug/l   | 98  |
| 3) Chloromethane             | 1.294 | 50  | 47471  | 43.232  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.373 | 62  | 49917  | 45.385  | ug/l   | 97  |
| 5) Bromomethane              | 1.599 | 94  | 21774  | 48.456  | ug/l   | 99  |
| 6) Chloroethane              | 1.666 | 64  | 19933  | 48.667  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 1.873 | 101 | 82532  | 50.222  | ug/l   | 98  |
| 8) Diethyl Ether             | 2.135 | 74  | 31276  | 48.906  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 2.318 | 101 | 50070  | 48.824  | ug/l   | 98  |
| 10) Methyl Iodide            | 2.446 | 142 | 57158  | 44.375  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 2.995 | 59  | 75047  | 263.454 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 2.312 | 96  | 45522  | 44.701  | ug/l   | 97  |
| 13) Acrolein                 | 2.239 | 56  | 60214  | 223.804 | ug/l   | 99  |
| 14) Allyl chloride           | 2.660 | 41  | 82071  | 49.054  | ug/l   | 99  |
| 15) Acrylonitrile            | 3.068 | 53  | 139581 | 239.969 | ug/l   | 100 |
| 16) Acetone                  | 2.385 | 43  | 169116 | 270.529 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.501 | 76  | 98146  | 39.623  | ug/l   | 97  |
| 18) Methyl Acetate           | 2.702 | 43  | 75590  | 48.201  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 182842 | 50.184  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.782 | 84  | 53130  | 46.095  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 3.086 | 96  | 48360  | 47.715  | ug/l   | 94  |
| 22) Diisopropyl ether        | 3.763 | 45  | 169476 | 50.362  | ug/l   | 89  |
| 23) Vinyl Acetate            | 3.720 | 43  | 765408 | 200.378 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 96982  | 49.469  | ug/l   | 100 |
| 25) 2-Butanone               | 4.562 | 43  | 217369 | 253.598 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.470 | 77  | 93719  | 50.244  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 4.482 | 96  | 60246  | 47.663  | ug/l   | 98  |
| 28) Bromochloromethane       | 4.891 | 49  | 37195  | 48.090  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 5.001 | 42  | 129207 | 236.627 | ug/l   | 99  |
| 30) Chloroform               | 5.086 | 83  | 105458 | 48.983  | ug/l   | 99  |
| 31) Cyclohexane              | 5.464 | 56  | 77018  | 47.682  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 5.373 | 97  | 95171  | 48.128  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.683 | 75  | 66842  | 50.022  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.714 | 43  | 81773  | 50.959  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 5.671 | 117 | 79673  | 50.366  | ug/l   | 98  |
| 39) Methylcyclohexane        | 7.372 | 83  | 84187  | 50.093  | ug/l   | 94  |
| 40) Benzene                  | 6.031 | 78  | 200995 | 49.612  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101824\  
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 Acq On : 18 Oct 2024 10:40  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 18 23:14:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.921  | 41   | 45893    | 54.941  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 86577    | 52.441  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 136448   | 51.480  | ug/l   | 100      |
| 44) Trichloroethene           | 7.116  | 130  | 51923    | 48.319  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 50701    | 50.995  | ug/l   | 96       |
| 46) Dibromomethane            | 7.573  | 93   | 40591    | 50.949  | ug/l   | 100      |
| 47) Bromodichloromethane      | 7.817  | 83   | 78891    | 50.367  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.689  | 41   | 66245    | 50.939  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 24043    | 951.070 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 411053   | 255.348 | ug/l   | 99       |
| 52) Toluene                   | 8.713  | 92   | 126760   | 49.922  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 82342    | 52.903  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 86791    | 51.990  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.146  | 97   | 52024    | 51.555  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 85940    | 52.091  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 87950    | 51.173  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 198185   | 266.504 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 317176   | 260.549 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.518  | 129  | 58940    | 50.347  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 55651    | 51.330  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.268  | 164  | 44902    | 48.939  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.079 | 112  | 141648   | 49.827  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.158 | 131  | 51438    | 51.172  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 243455   | 49.547  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 183713   | 98.935  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 90317    | 48.947  | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 153813   | 51.436  | ug/l   | 99       |
| 71) Bromoform                 | 10.798 | 173  | 38254    | 49.678  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 236072   | 47.320  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 113551   | 47.947  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 79046    | 48.637  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.237 | 75   | 92049    | 64.672  | ug/l   | 83       |
| 77) Bromobenzene              | 11.195 | 156  | 56659    | 46.668  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.304 | 91   | 267560   | 48.854  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.365 | 91   | 166468   | 47.279  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 196599   | 47.772  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 26787    | 48.775  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 193947   | 48.354  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 198293   | 46.769  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.749 | 105  | 201152   | 48.579  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 243881   | 48.523  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 204620   | 48.797  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 104640   | 48.928  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 104985   | 47.614  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 180199   | 51.330  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 36949    | 46.983  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 104356   | 47.713  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 18651    | 47.003  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.584 | 180  | 63916    | 50.691  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 25285    | 50.585  | ug/l   | 98       |
| 95) Naphthalene               | 13.773 | 128  | 223102   | 48.131  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.962 | 180  | 64438    | 49.531  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101824\  
Data File : VX043424.D  
Acq On : 18 Oct 2024 10:40  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

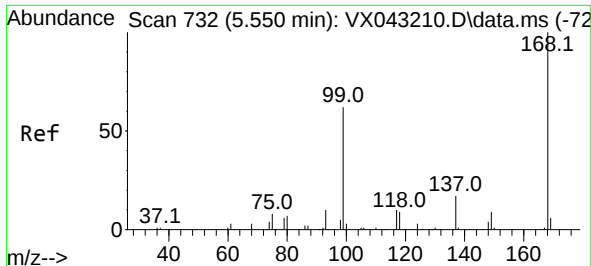
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 18 23:14:08 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration

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

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



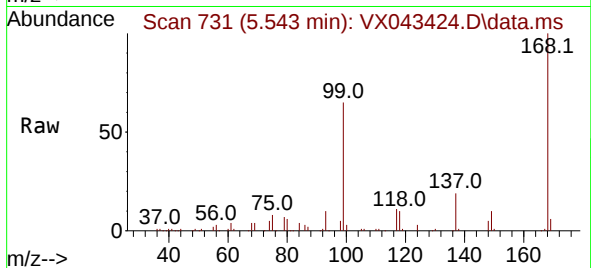


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.543 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

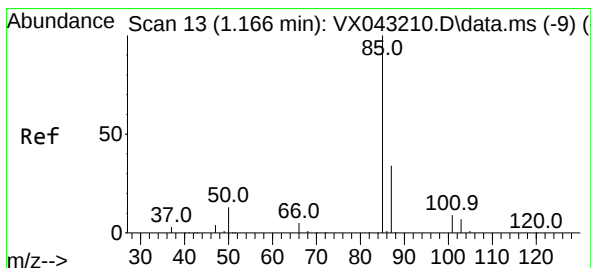
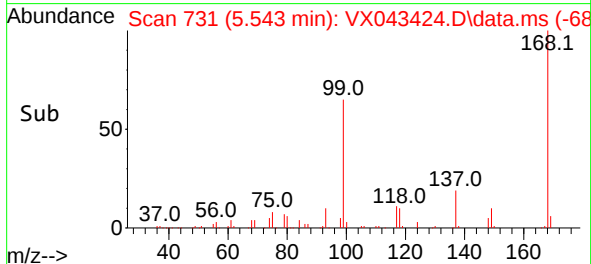
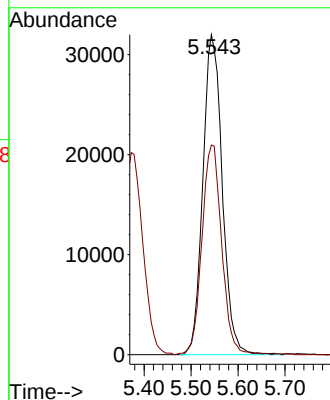
Instrument :

MSVOA\_X

ClientSampleId :

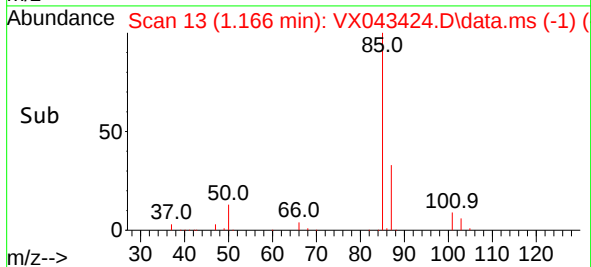
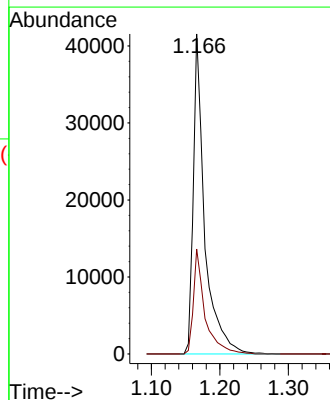
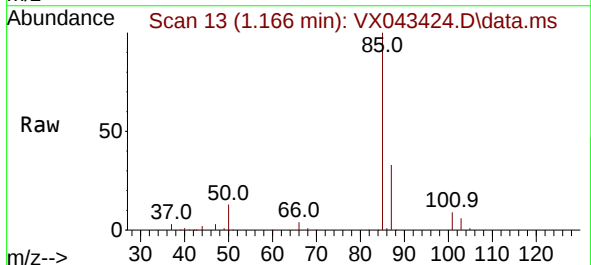


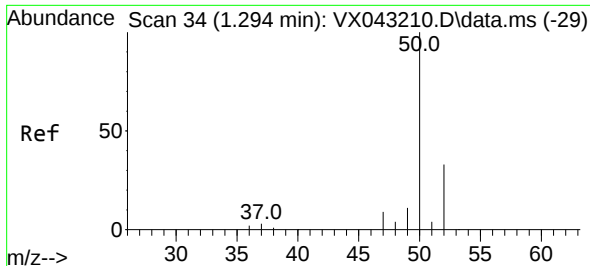
Tgt Ion:168 Resp: 91659  
Ion Ratio Lower Upper  
168 100  
99 65.2 49.7 74.5



#2  
Dichlorodifluoromethane  
Concen: 45.046 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

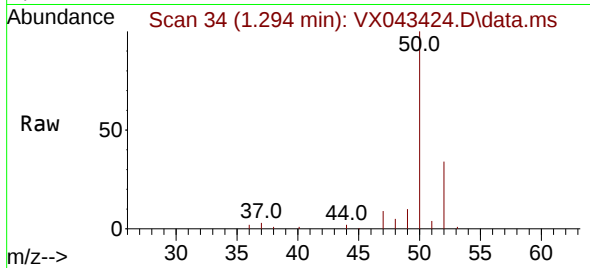
Tgt Ion: 85 Resp: 48027  
Ion Ratio Lower Upper  
85 100  
87 32.8 17.1 51.2



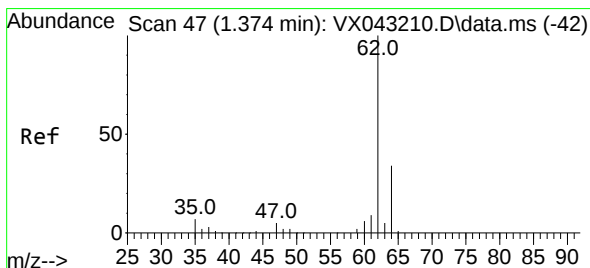
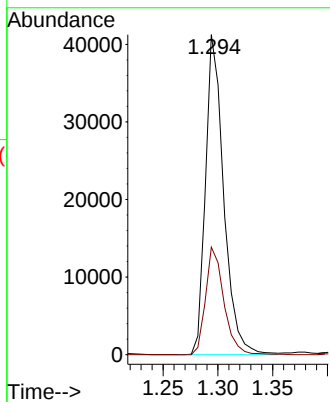
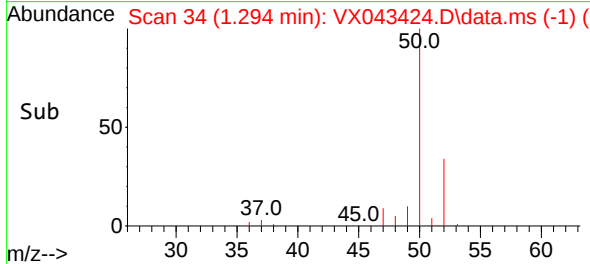


#3  
Chloromethane  
Concen: 43.232 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Instrument :  
MSVOA\_X  
ClientSampleId :

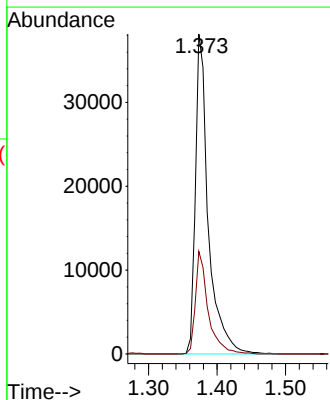
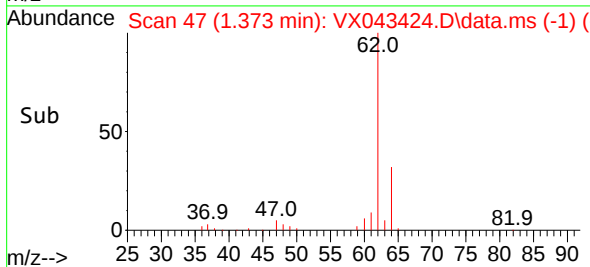
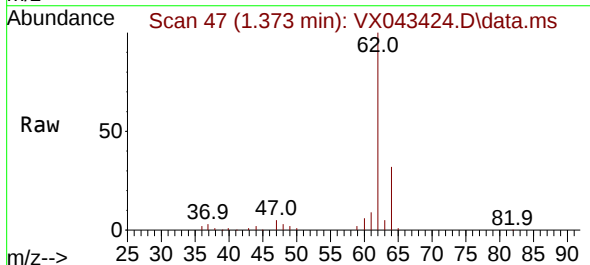


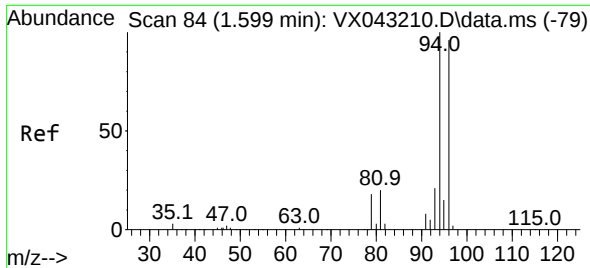
Tgt Ion: 50 Resp: 47471  
Ion Ratio Lower Upper  
50 100  
52 33.6 26.1 39.1



#4  
Vinyl Chloride  
Concen: 45.385 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 62 Resp: 49917  
Ion Ratio Lower Upper  
62 100  
64 32.1 26.8 40.2

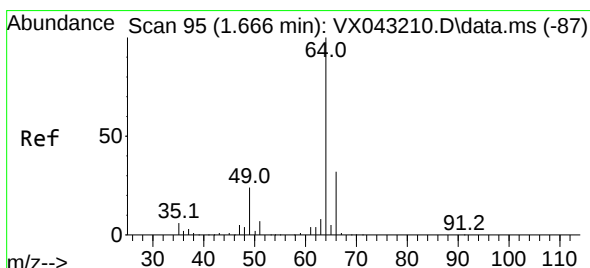
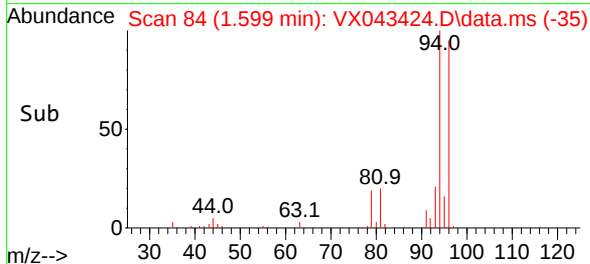
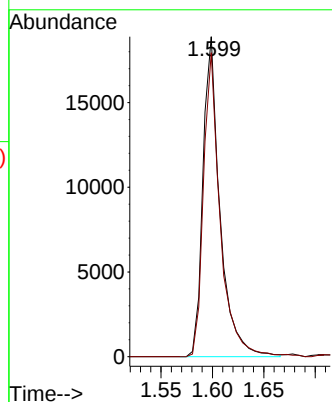
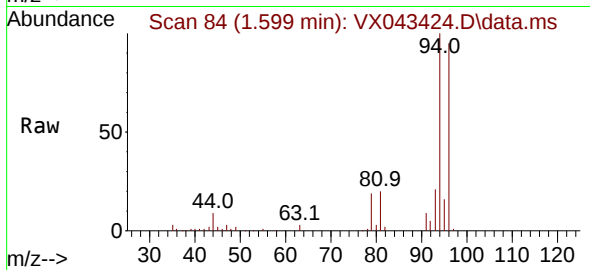




#5  
Bromomethane  
Concen: 48.456 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

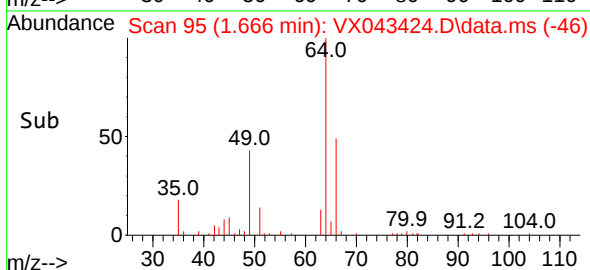
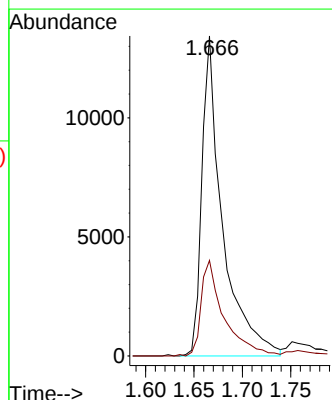
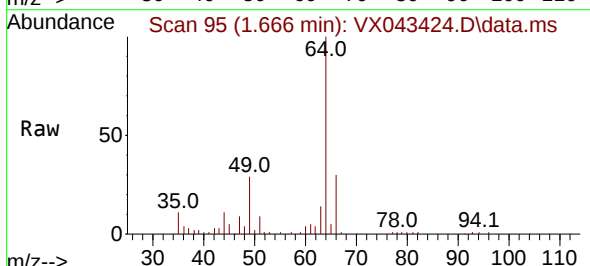
Instrument :  
MSVOA\_X  
ClientSampleId :

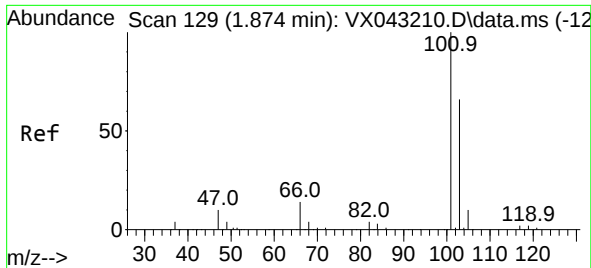
Tgt Ion: 94 Resp: 21774  
Ion Ratio Lower Upper  
94 100  
96 95.0 76.6 115.0



#6  
Chloroethane  
Concen: 48.667 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 64 Resp: 19933  
Ion Ratio Lower Upper  
64 100  
66 29.4 25.8 38.8

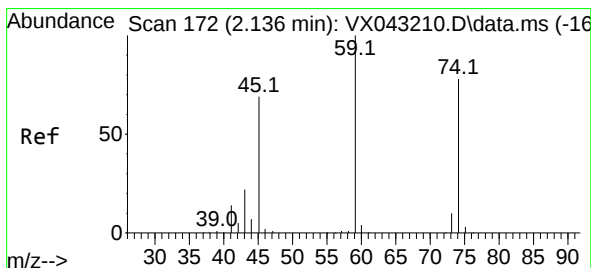
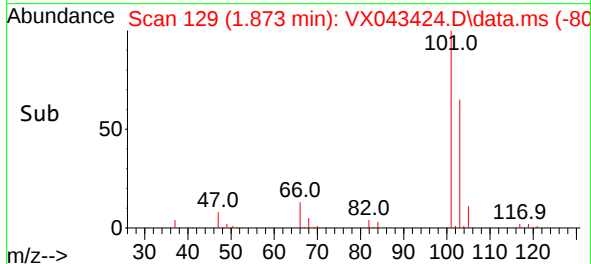
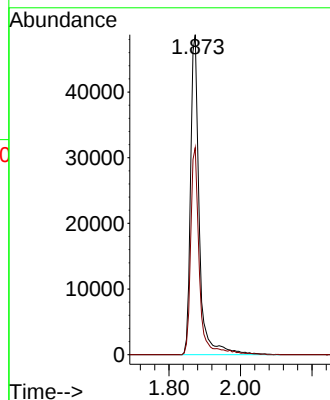
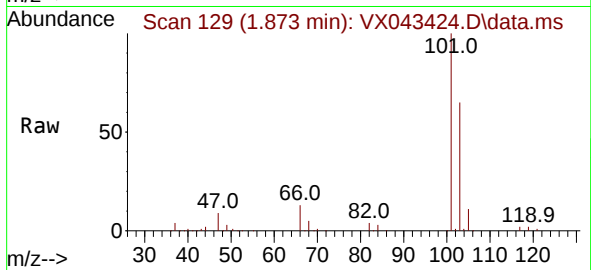




#7  
Trichlorofluoromethane  
Concen: 50.222 ug/l  
RT: 1.873 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

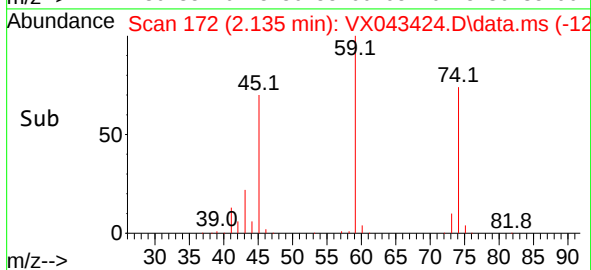
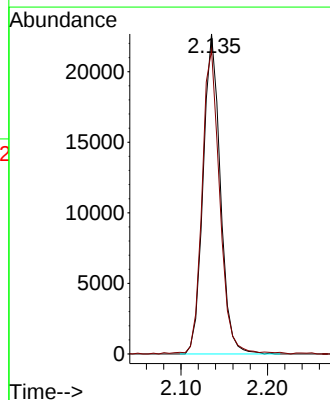
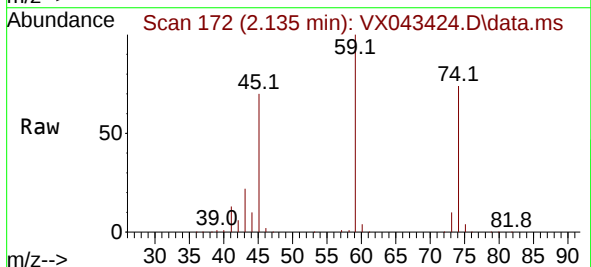
Instrument :  
MSVOA\_X  
ClientSampleId :

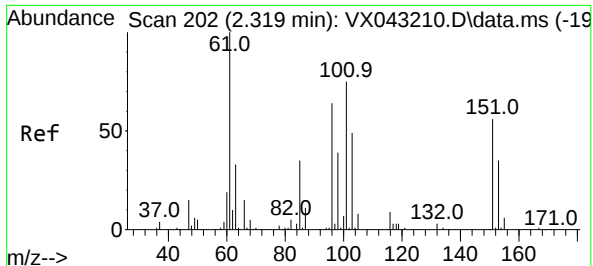
Tgt Ion:101 Resp: 82532  
Ion Ratio Lower Upper  
101 100  
103 64.7 52.7 79.1



#8  
Diethyl Ether  
Concen: 48.906 ug/l  
RT: 2.135 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 74 Resp: 31276  
Ion Ratio Lower Upper  
74 100  
45 98.1 47.1 141.4

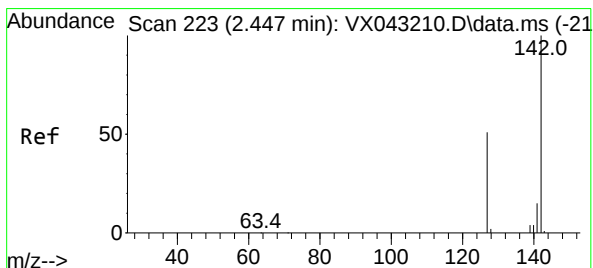
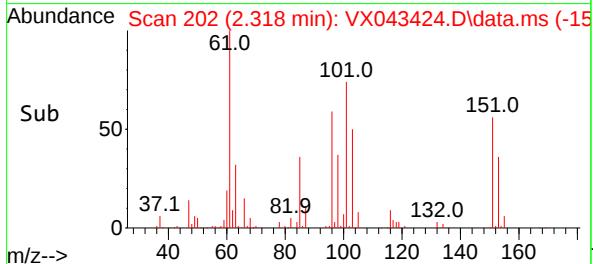
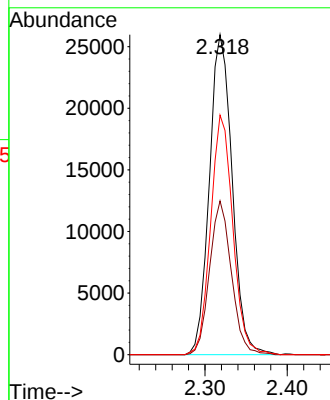
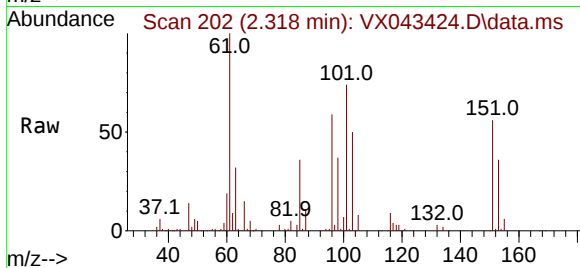




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.824 ug/l  
RT: 2.318 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

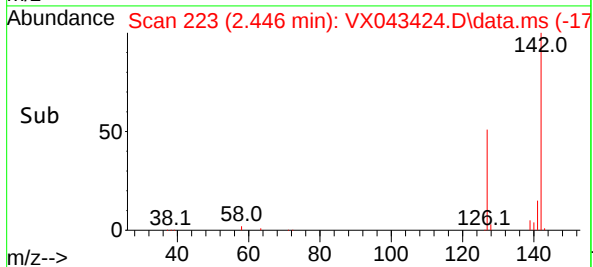
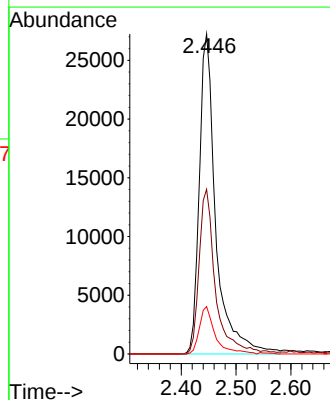
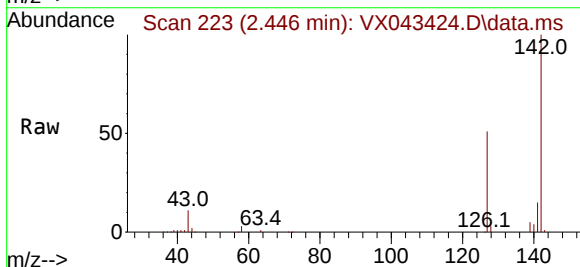
Instrument :  
MSVOA\_X  
ClientSampleId :

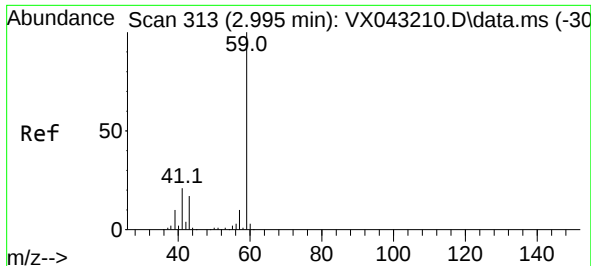
Tgt Ion:101 Resp: 50070  
Ion Ratio Lower Upper  
101 100  
85 45.9 37.0 55.6  
151 73.0 60.0 90.0



#10  
Methyl Iodide  
Concen: 44.375 ug/l  
RT: 2.446 min Scan# 223  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

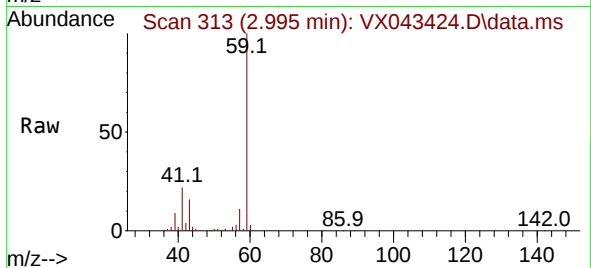
Tgt Ion:142 Resp: 57158  
Ion Ratio Lower Upper  
142 100  
127 51.2 39.8 59.8  
141 14.1 11.6 17.4



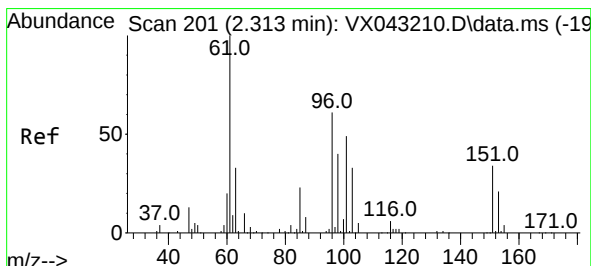
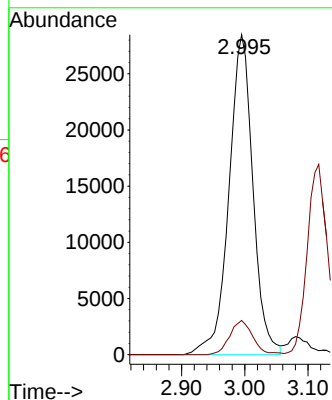
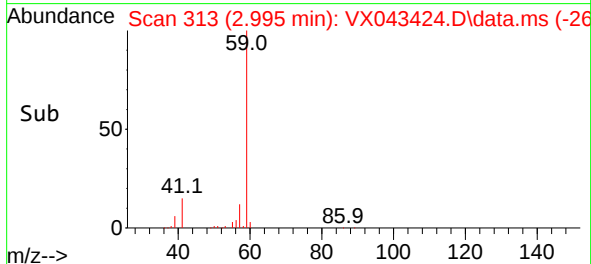


#11  
Tert butyl alcohol  
Concen: 263.454 ug/l  
RT: 2.995 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

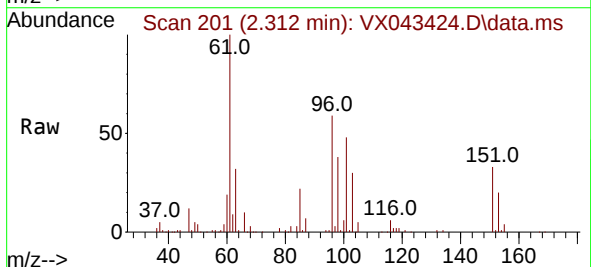
Instrument :  
MSVOA\_X  
ClientSampleId :



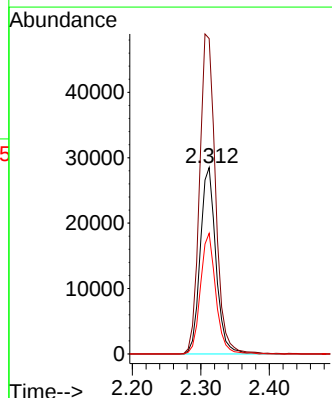
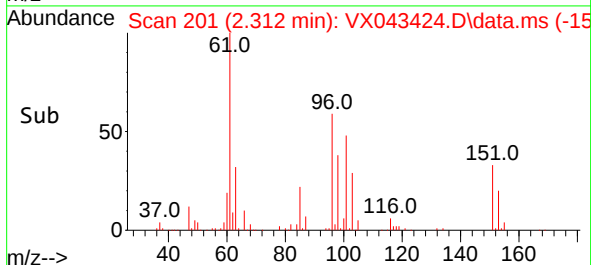
Tgt Ion: 59 Resp: 75047  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.6 13.0

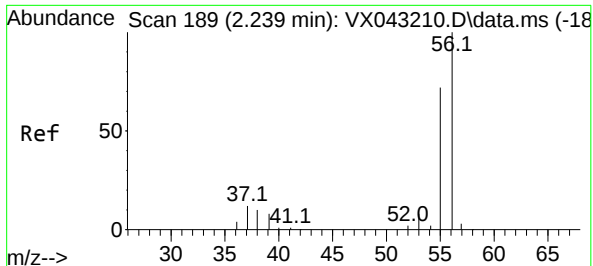


#12  
1,1-Dichloroethene  
Concen: 44.701 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40



Tgt Ion: 96 Resp: 45522  
Ion Ratio Lower Upper  
96 100  
61 169.2 130.6 195.8  
98 64.7 51.7 77.5





#13

Acrolein

Concen: 223.804 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

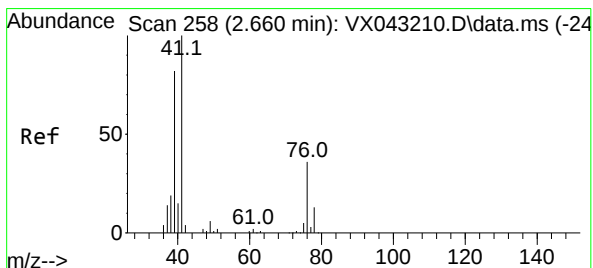
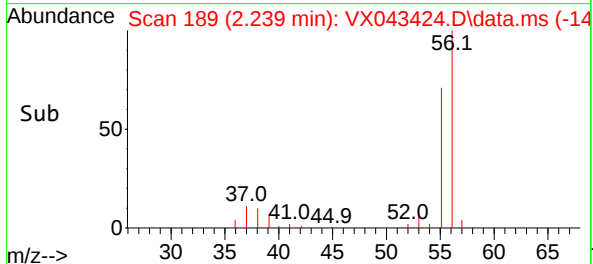
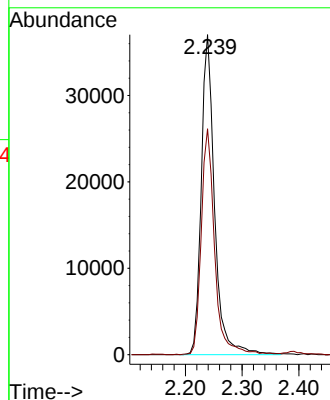
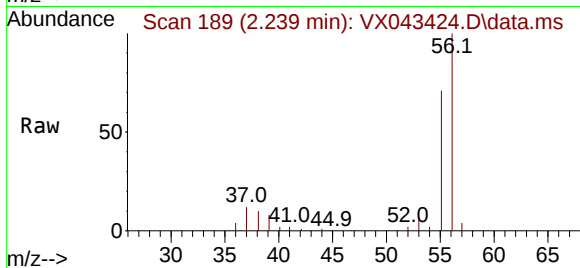
ClientSampleId :

Tgt Ion: 56 Resp: 60214

Ion Ratio Lower Upper

56 100

55 71.2 57.4 86.0



#14

Allyl chloride

Concen: 49.054 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

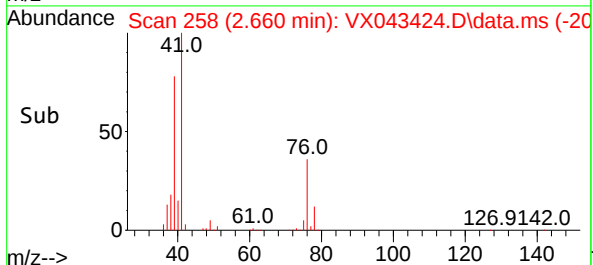
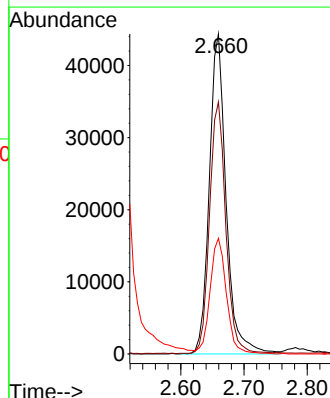
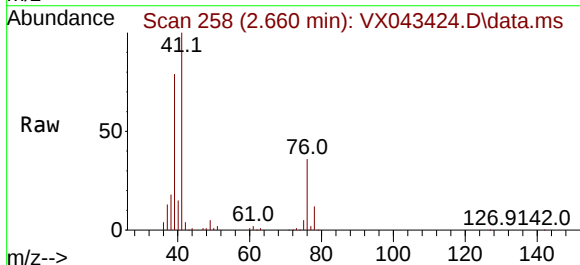
Tgt Ion: 41 Resp: 82071

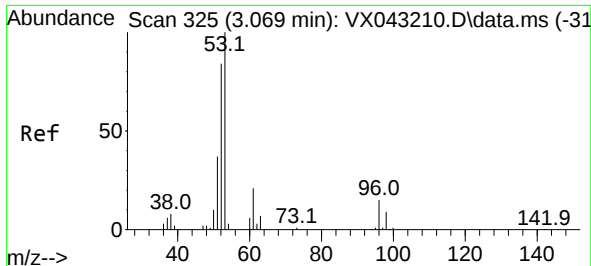
Ion Ratio Lower Upper

41 100

39 76.0 61.7 92.5

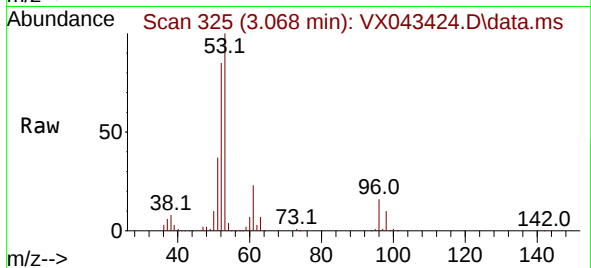
76 35.2 28.6 43.0



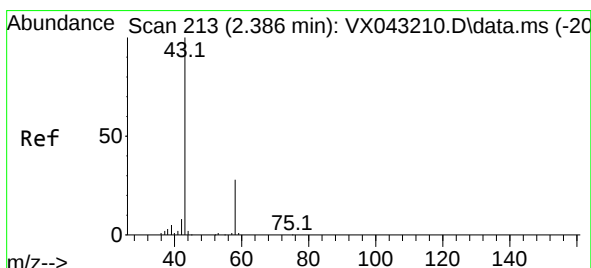
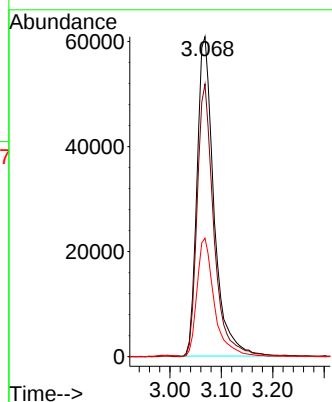
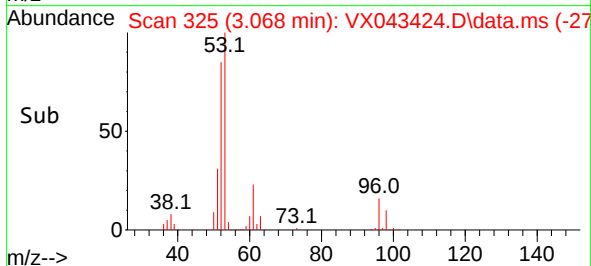


#15  
Acrylonitrile  
Concen: 239.969 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Instrument :  
MSVOA\_X  
ClientSampleId :

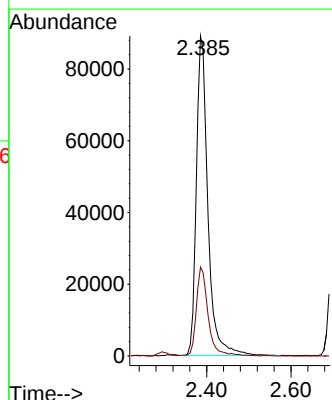
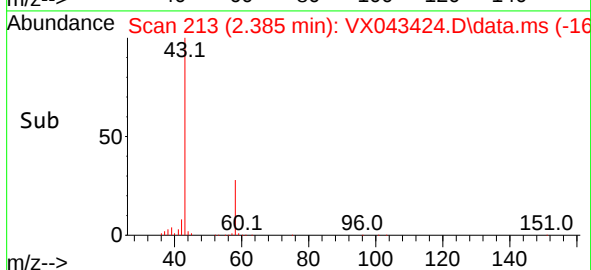
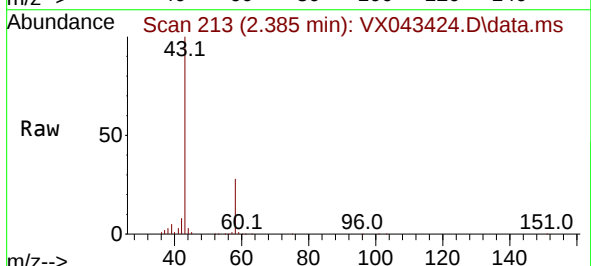


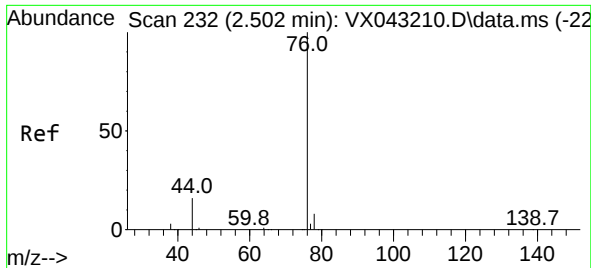
Tgt Ion: 53 Resp: 139581  
Ion Ratio Lower Upper  
53 100  
52 84.4 67.6 101.4  
51 38.0 30.3 45.5



#16  
Acetone  
Concen: 270.529 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. -0.001 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 43 Resp: 169116  
Ion Ratio Lower Upper  
43 100  
58 27.8 22.6 33.8





#17

Carbon Disulfide

Concen: 39.623 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

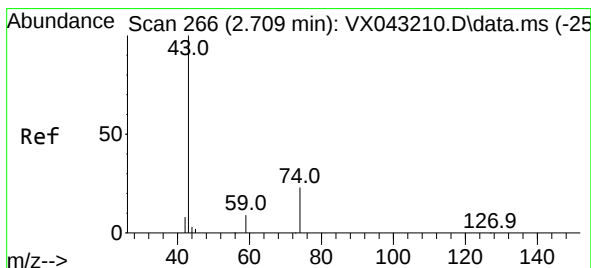
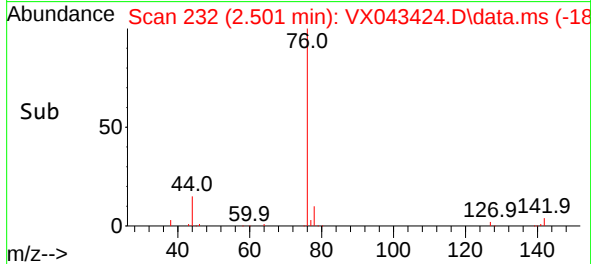
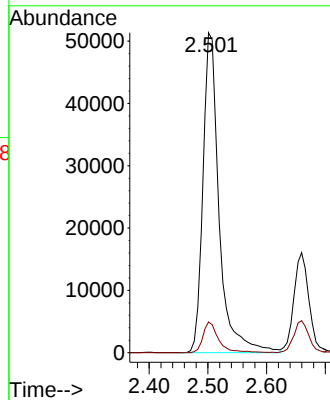
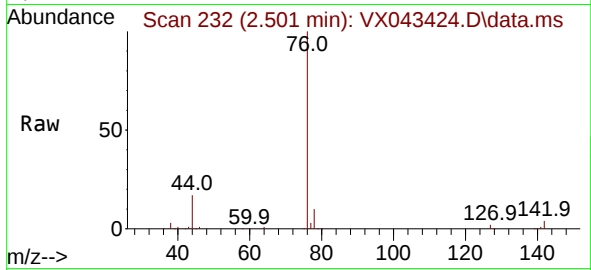
ClientSampleId :

Tgt Ion: 76 Resp: 98146

Ion Ratio Lower Upper

76 100

78 9.6 6.7 10.1



#18

Methyl Acetate

Concen: 48.201 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.007 min

Lab File: VX043424.D

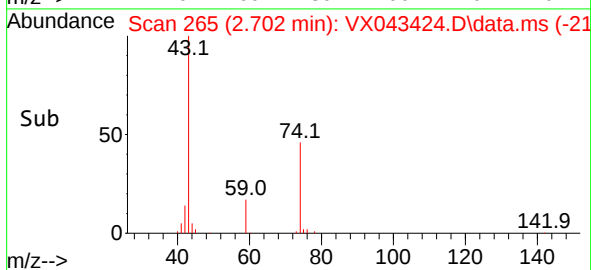
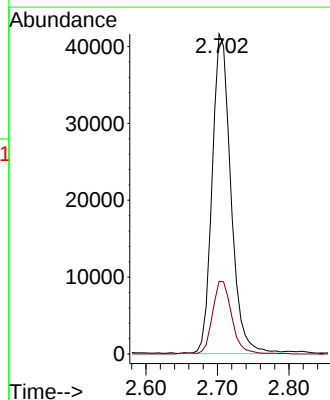
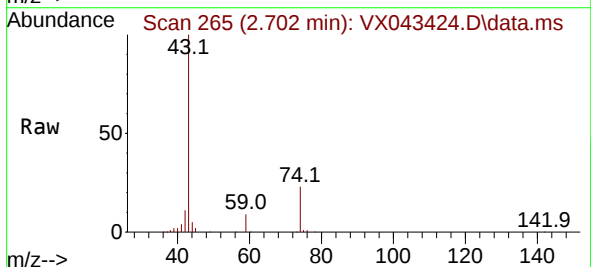
Acq: 18 Oct 2024 10:40

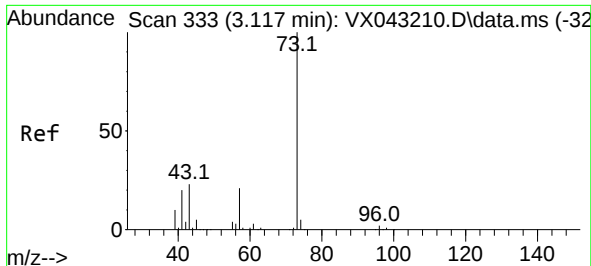
Tgt Ion: 43 Resp: 75590

Ion Ratio Lower Upper

43 100

74 23.5 19.1 28.7

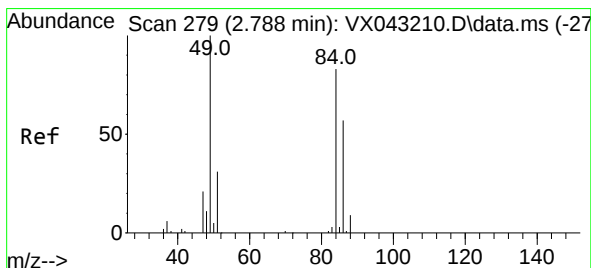
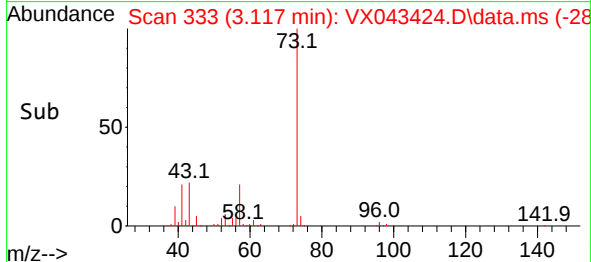
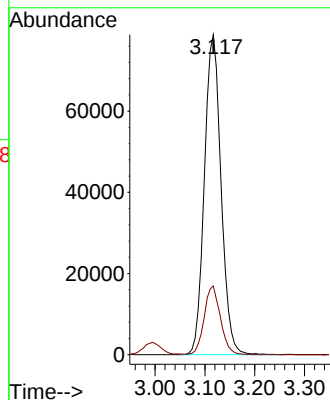
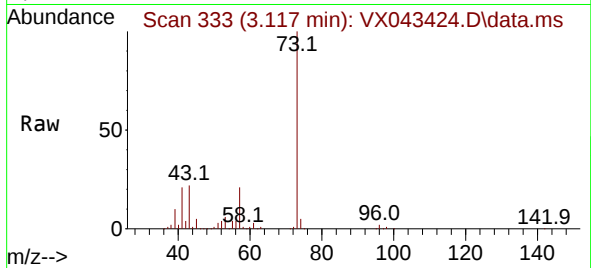




#19  
Methyl tert-butyl Ether  
Concen: 50.184 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

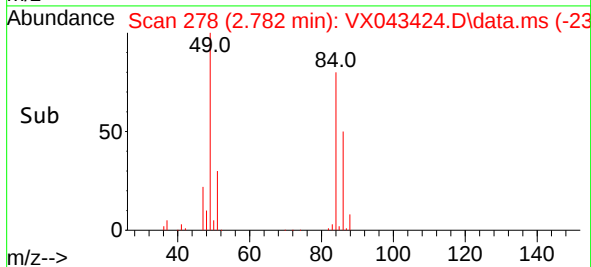
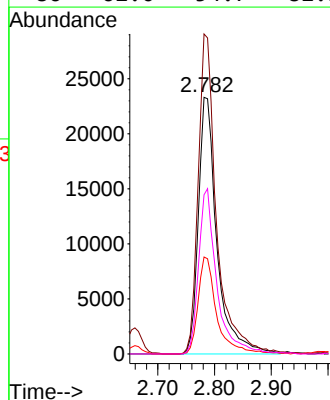
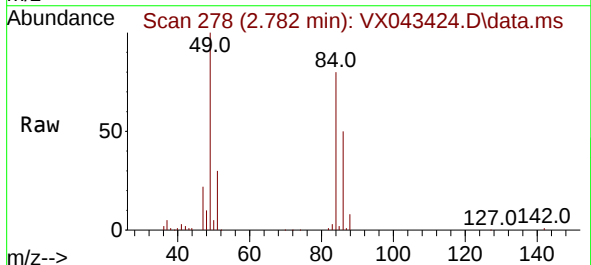
Instrument :  
MSVOA\_X  
ClientSampleId :

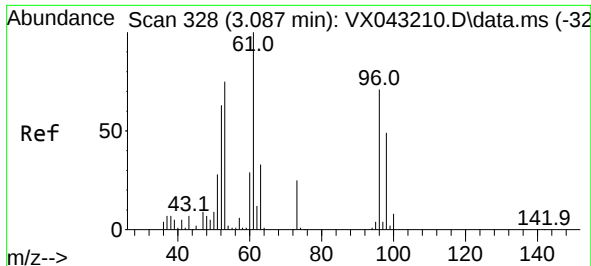
Tgt Ion: 73 Resp: 182842  
Ion Ratio Lower Upper  
73 100  
57 21.5 16.7 25.1



#20  
Methylene Chloride  
Concen: 46.095 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.007 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 84 Resp: 53130  
Ion Ratio Lower Upper  
84 100  
49 124.7 96.7 145.1  
51 37.8 30.4 45.6  
86 62.0 54.7 82.1

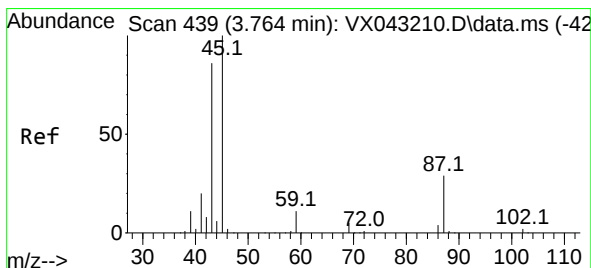
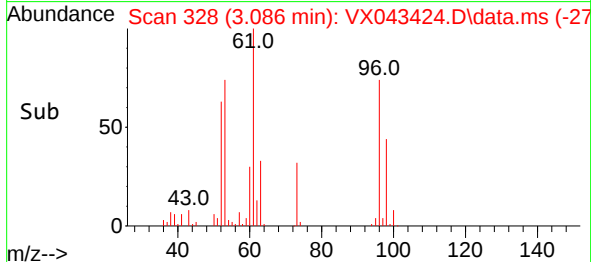
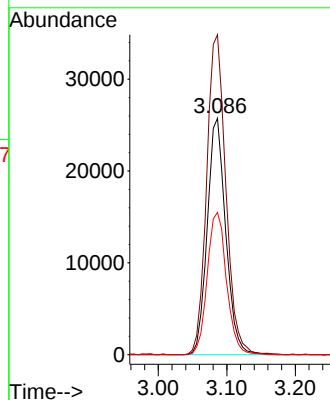
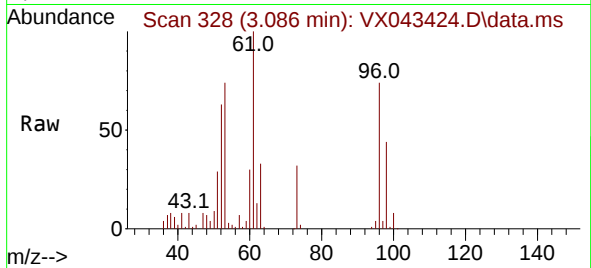




#21  
trans-1,2-Dichloroethene  
Concen: 47.715 ug/l  
RT: 3.086 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

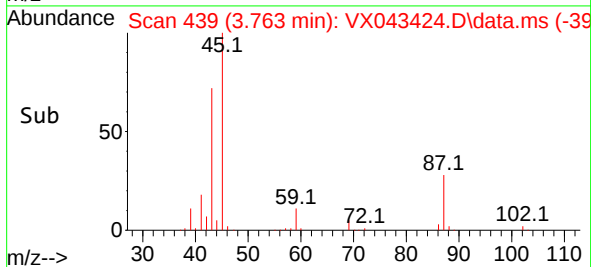
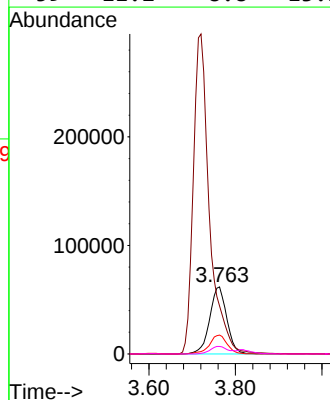
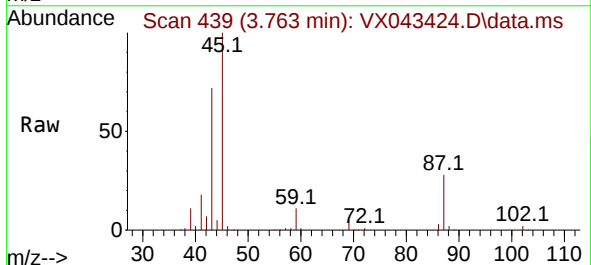
Instrument :  
MSVOA\_X  
ClientSampleId :

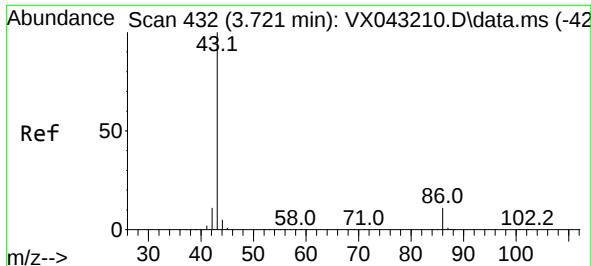
Tgt Ion: 96 Resp: 48360  
Ion Ratio Lower Upper  
96 100  
61 135.3 112.3 168.5  
98 60.1 54.6 82.0



#22  
Diisopropyl ether  
Concen: 50.362 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.001 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 45 Resp: 169476  
Ion Ratio Lower Upper  
45 100  
43 71.2 68.5 102.7  
87 28.1 23.0 34.4  
59 11.2 8.8 13.2

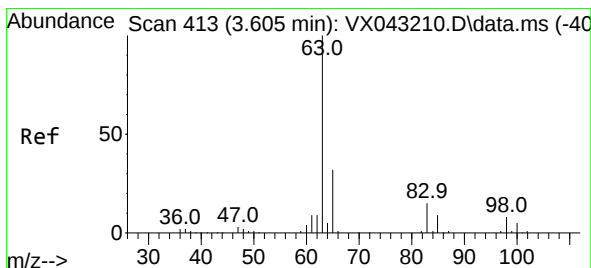
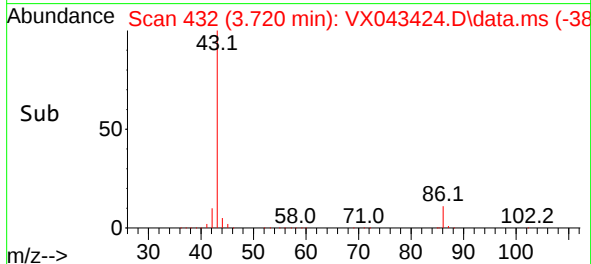
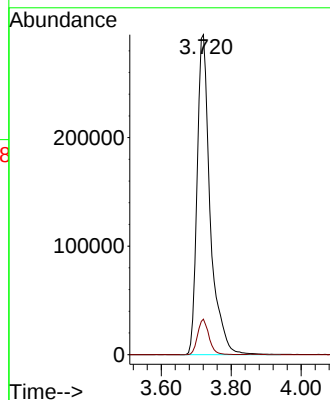
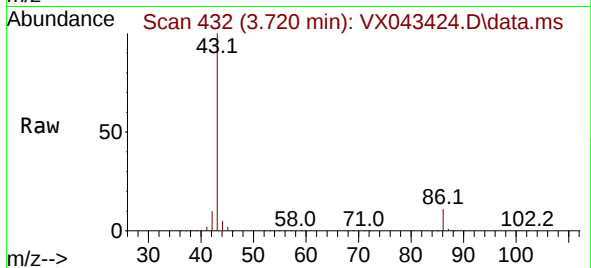




#23  
 Vinyl Acetate  
 Concen: 200.378 ug/l  
 RT: 3.720 min Scan# 413  
 Delta R.T. -0.001 min  
 Lab File: VX043424.D  
 Acq: 18 Oct 2024 10:40

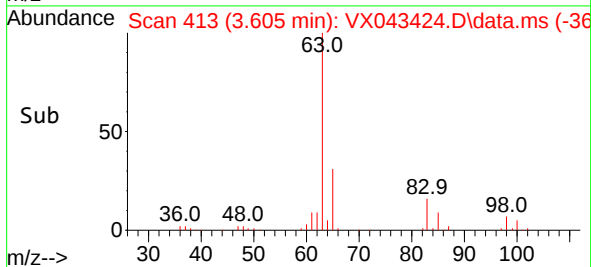
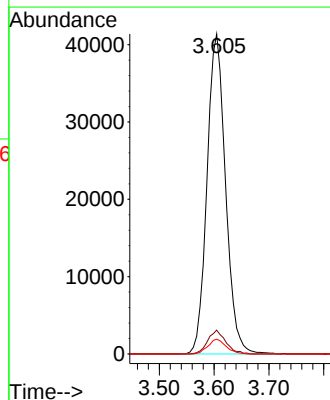
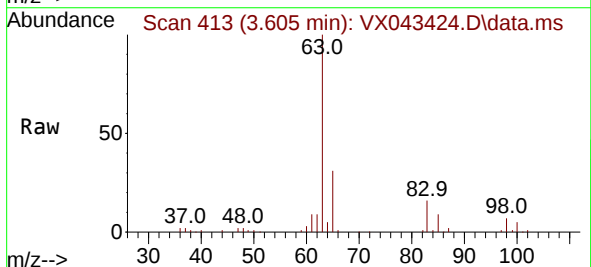
Instrument :  
 MSVOA\_X  
 ClientSampleId :

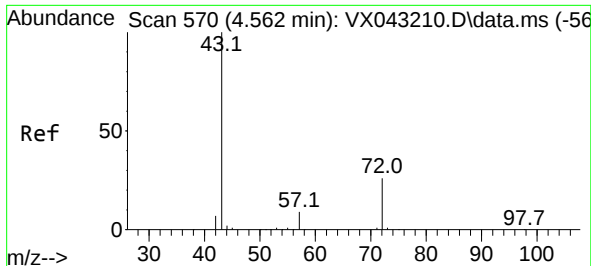
Tgt Ion: 43 Resp: 765408  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.8 13.2



#24  
 1,1-Dichloroethane  
 Concen: 49.469 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX043424.D  
 Acq: 18 Oct 2024 10:40

Tgt Ion: 63 Resp: 96982  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.8 11.2  
 100 4.6 2.5 7.4

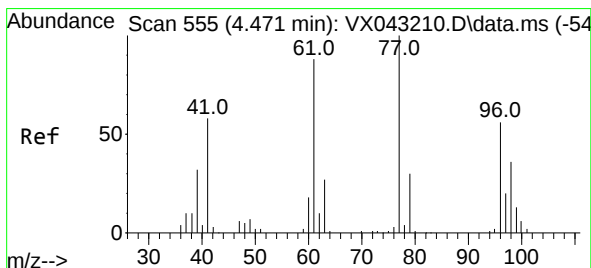
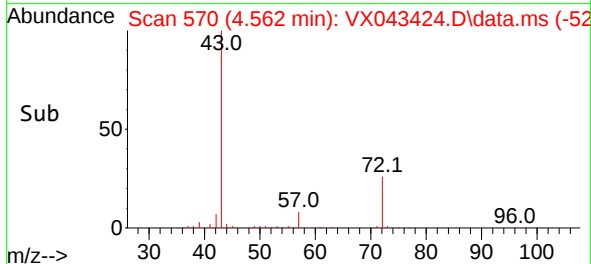
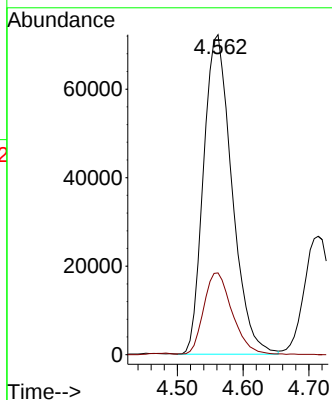
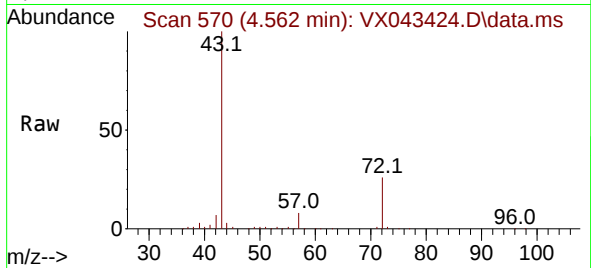




#25  
2-Butanone  
Concen: 253.598 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

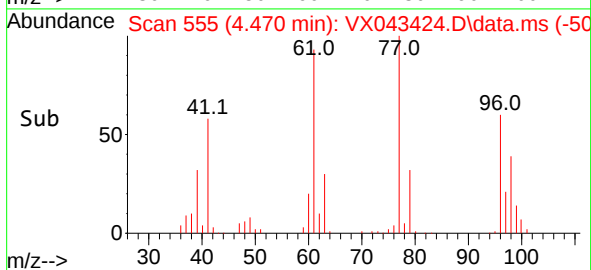
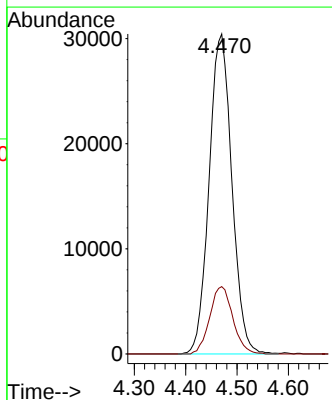
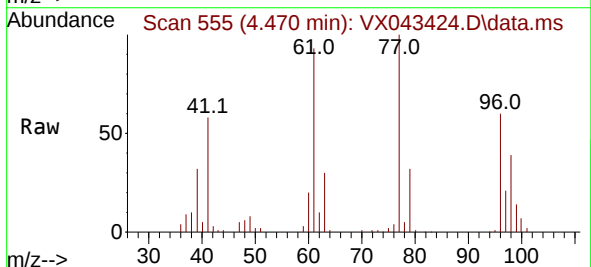
Instrument :  
MSVOA\_X  
ClientSampleId :

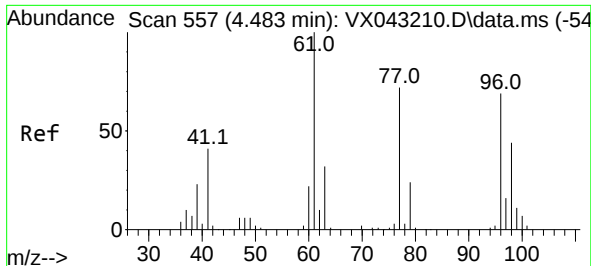
Tgt Ion: 43 Resp: 217369  
Ion Ratio Lower Upper  
43 100  
72 25.3 20.6 31.0



#26  
2,2-Dichloropropane  
Concen: 50.244 ug/l  
RT: 4.470 min Scan# 555  
Delta R.T. -0.001 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 77 Resp: 93719  
Ion Ratio Lower Upper  
77 100  
97 21.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.663 ug/l

RT: 4.482 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

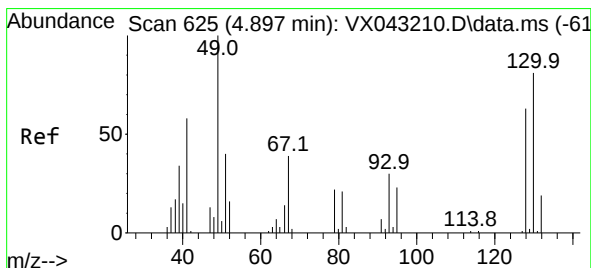
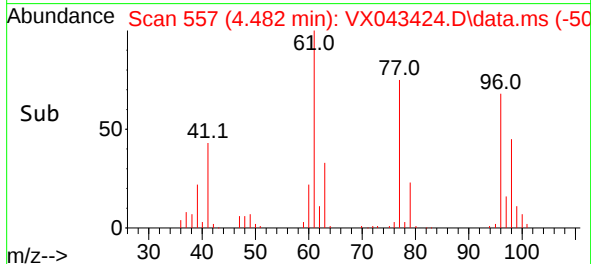
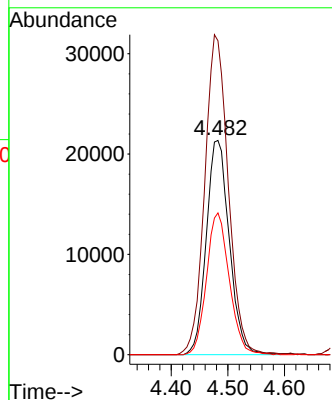
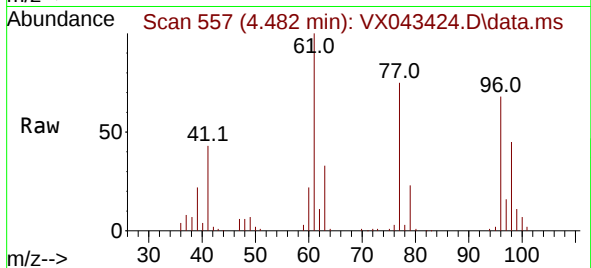
Tgt Ion: 96 Resp: 60246

Ion Ratio Lower Upper

96 100

61 152.8 0.0 298.2

98 65.5 0.0 128.6



#28

Bromochloromethane

Concen: 48.090 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.007 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

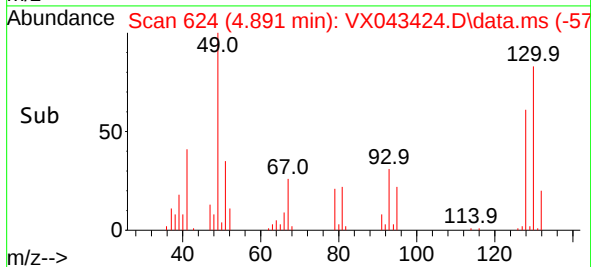
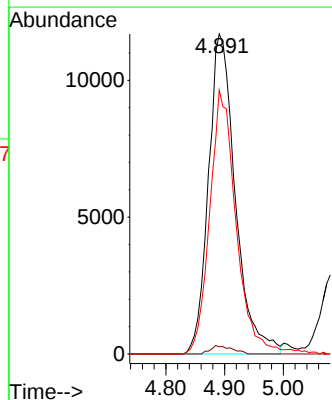
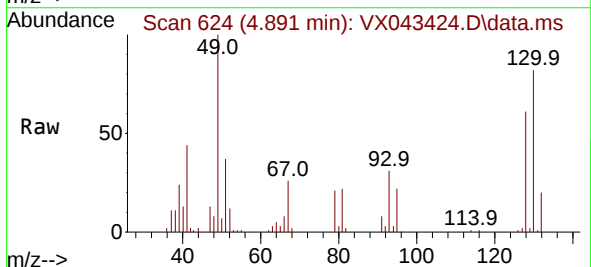
Tgt Ion: 49 Resp: 37195

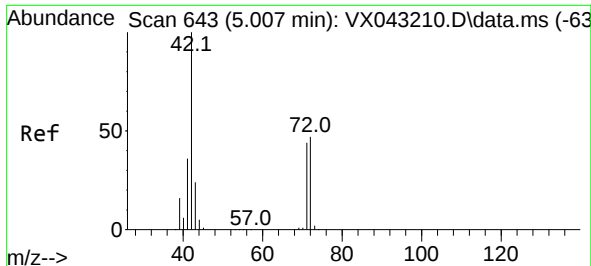
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 81.2 65.5 98.3





#29

Tetrahydrofuran

Concen: 236.627 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.007 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

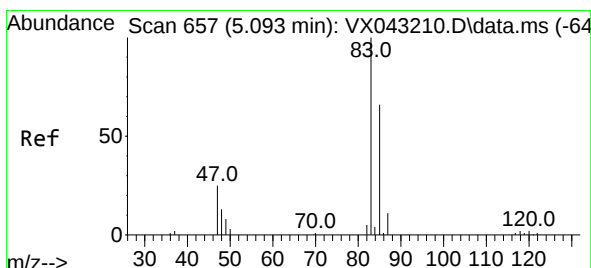
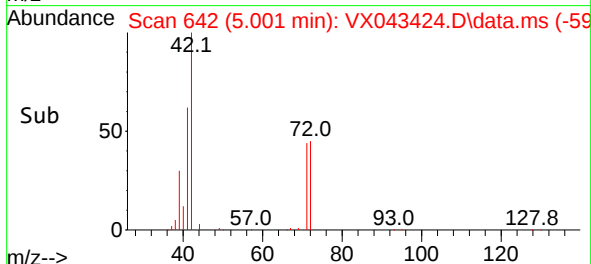
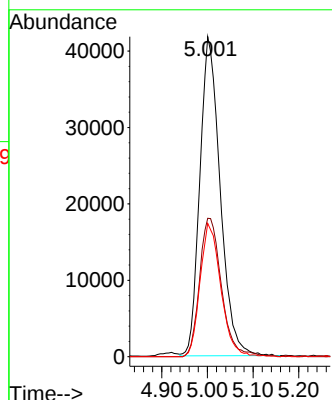
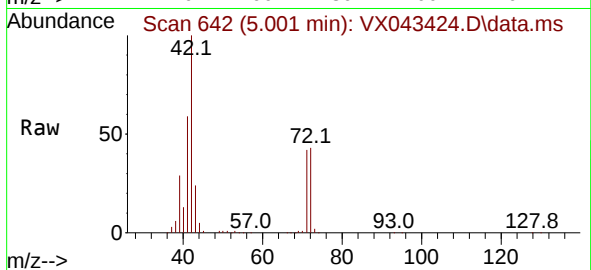
Tgt Ion: 42 Resp: 129207

Ion Ratio Lower Upper

42 100

72 46.5 37.7 56.5

71 42.6 34.6 52.0



#30

Chloroform

Concen: 48.983 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.007 min

Lab File: VX043424.D

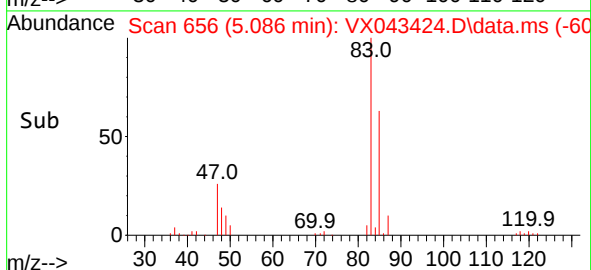
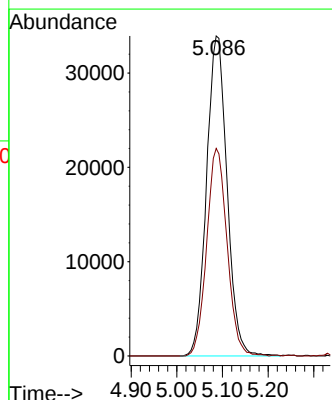
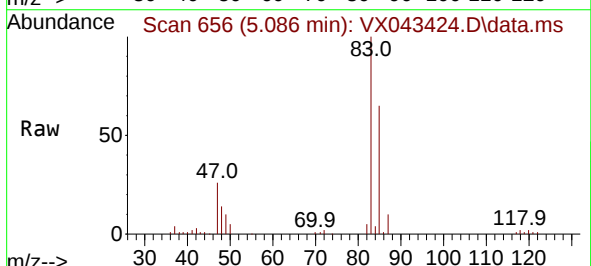
Acq: 18 Oct 2024 10:40

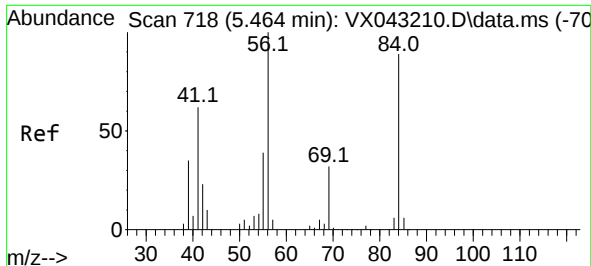
Tgt Ion: 83 Resp: 105458

Ion Ratio Lower Upper

83 100

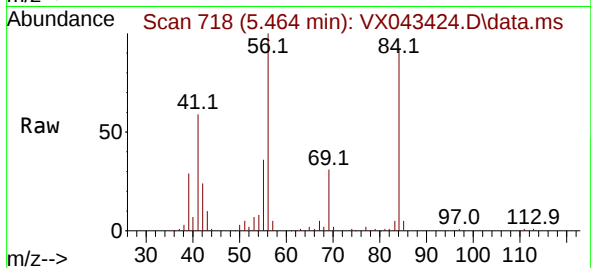
85 64.8 52.5 78.7



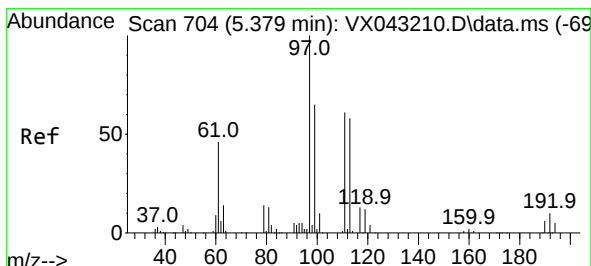
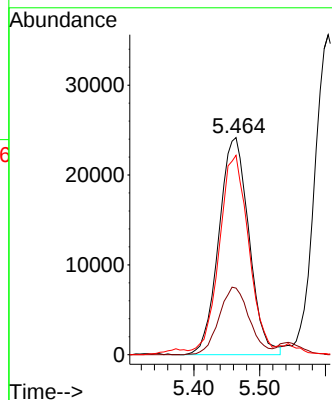
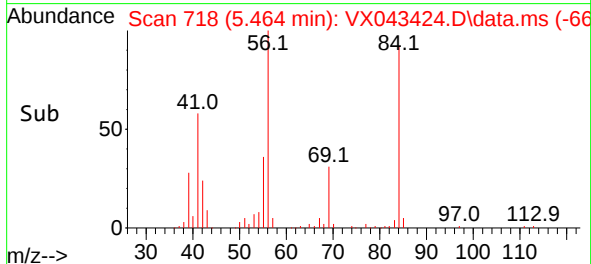


#31  
Cyclohexane  
Concen: 47.682 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

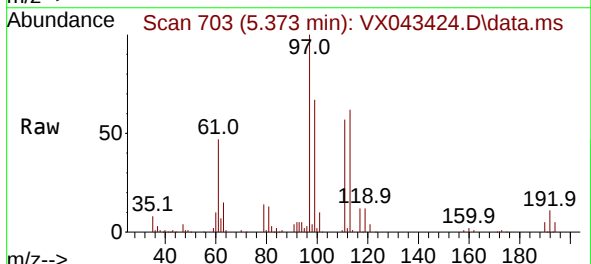
Instrument :  
MSVOA\_X  
ClientSampleId :



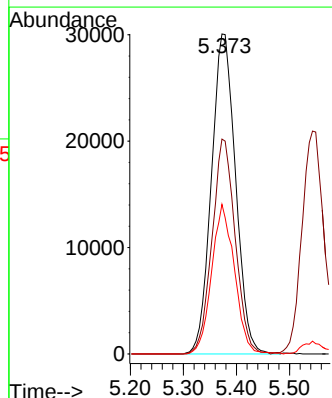
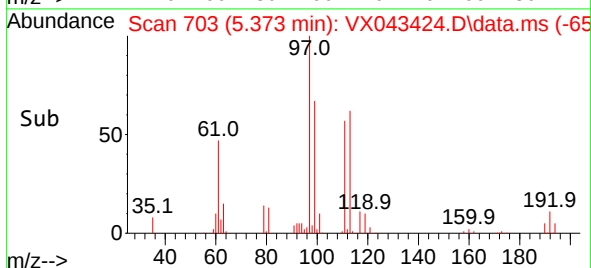
Tgt Ion: 56 Resp: 77018  
Ion Ratio Lower Upper  
56 100  
69 30.7 25.8 38.6  
84 89.6 71.1 106.7

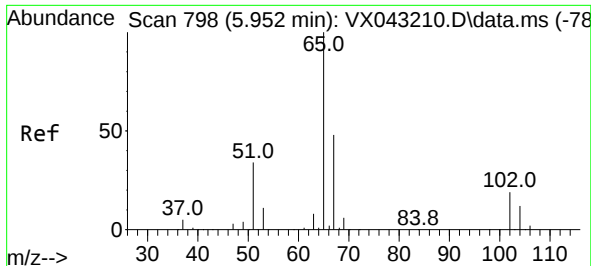


#32  
1,1,1-Trichloroethane  
Concen: 48.128 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.007 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40



Tgt Ion: 97 Resp: 95171  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.2 76.8  
61 44.1 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 50.730 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

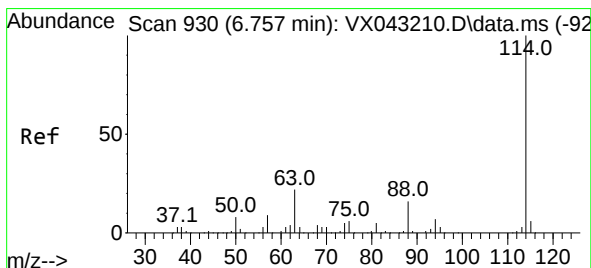
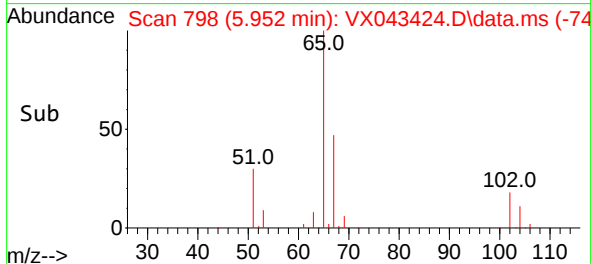
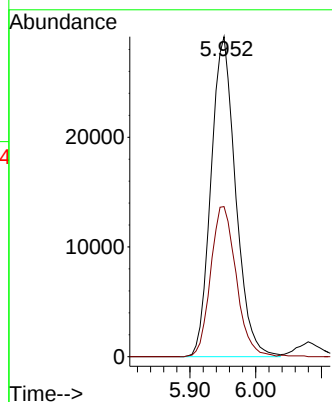
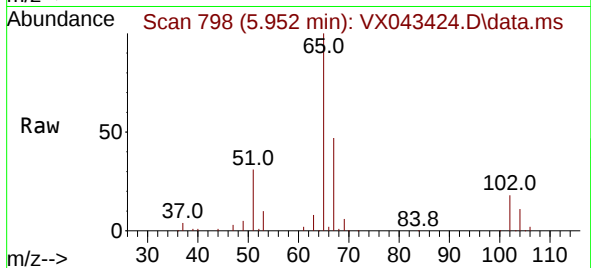
ClientSampleId :

Tgt Ion: 65 Resp: 75940

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

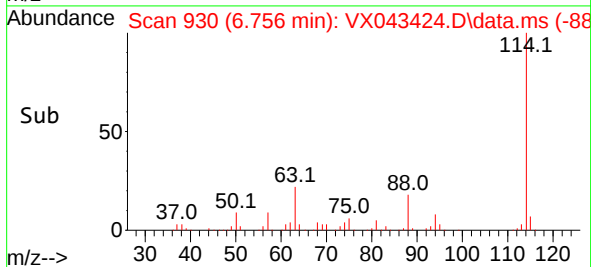
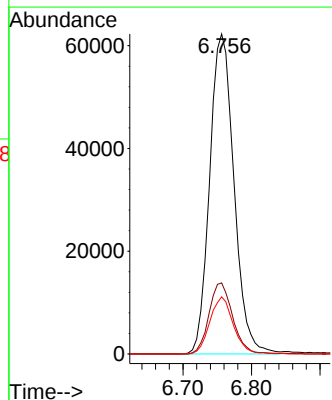
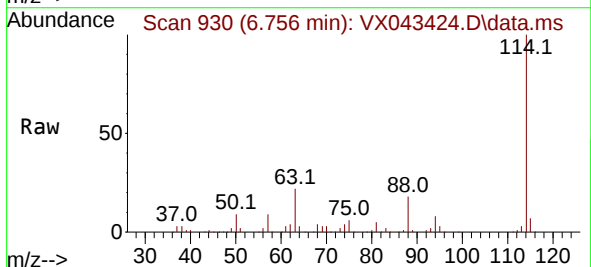
Tgt Ion: 114 Resp: 153375

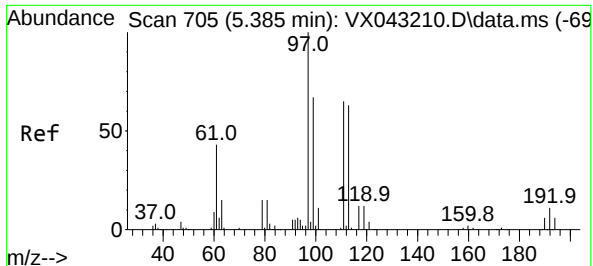
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.0

88 17.9 0.0 33.0

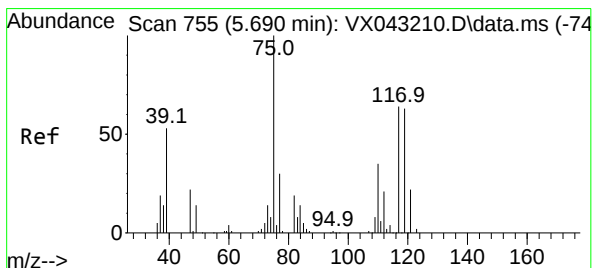
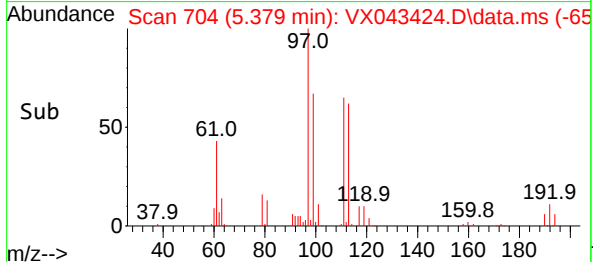
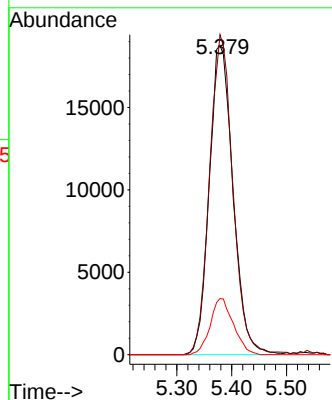
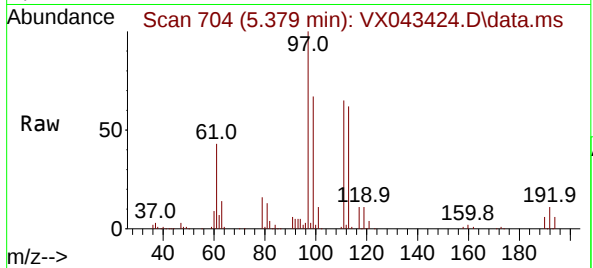




#35  
Dibromofluoromethane  
Concen: 53.356 ug/l  
RT: 5.379 min Scan# 705  
Delta R.T. -0.007 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

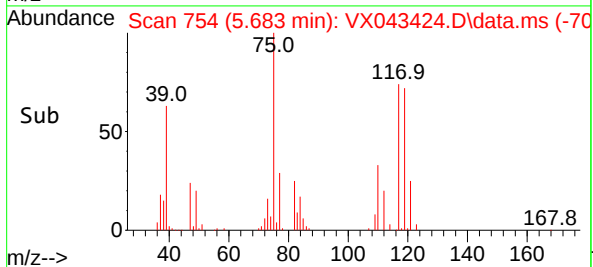
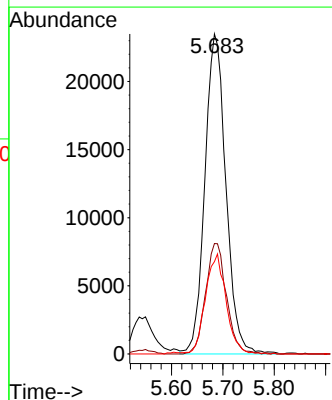
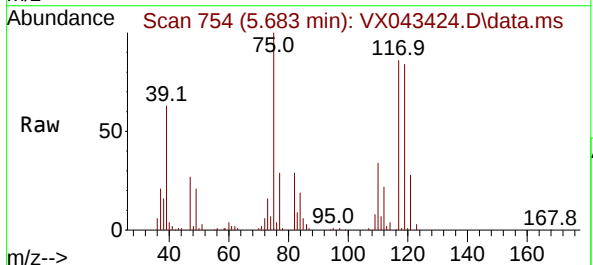
Instrument :  
MSVOA\_X  
ClientSampleId :

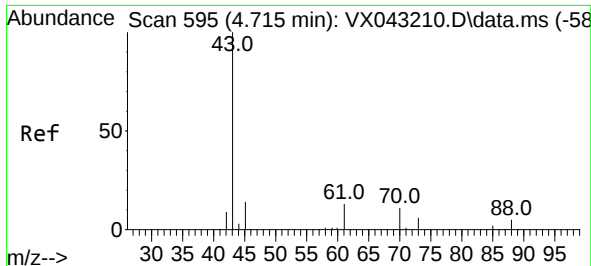
Tgt Ion:113 Resp: 56437  
Ion Ratio Lower Upper  
113 100  
111 101.3 83.4 125.0  
192 17.8 14.1 21.1



#36  
1,1-Dichloropropene  
Concen: 50.022 ug/l  
RT: 5.683 min Scan# 754  
Delta R.T. -0.007 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 75 Resp: 66842  
Ion Ratio Lower Upper  
75 100  
110 34.1 17.8 53.3  
77 30.6 24.9 37.3





#37

Ethyl Acetate

Concen: 50.959 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

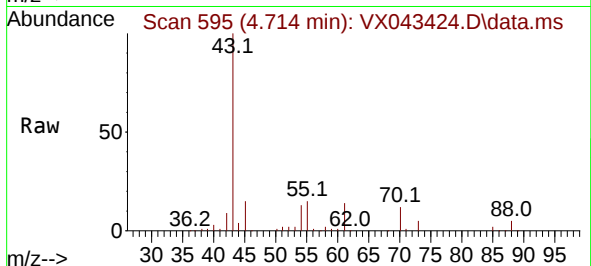
Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

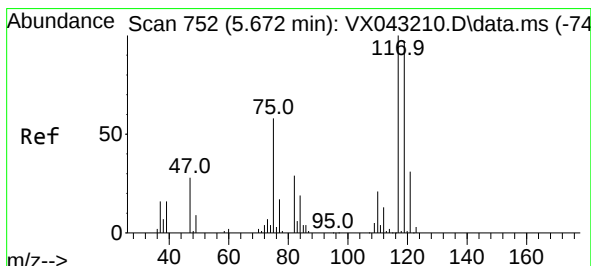
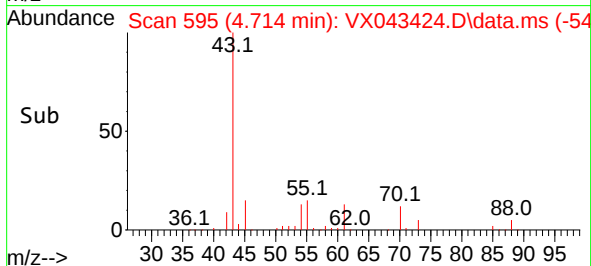
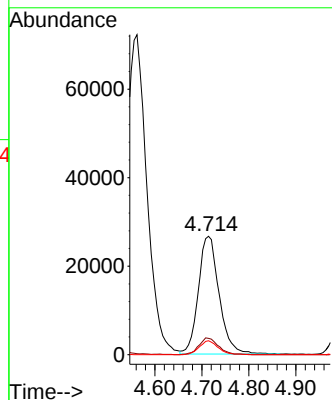
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 81773 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 13.5  | 11.0  | 16.4  |
| 70        | 10.8  | 8.9   | 13.3  |



#38

Carbon Tetrachloride

Concen: 50.366 ug/l

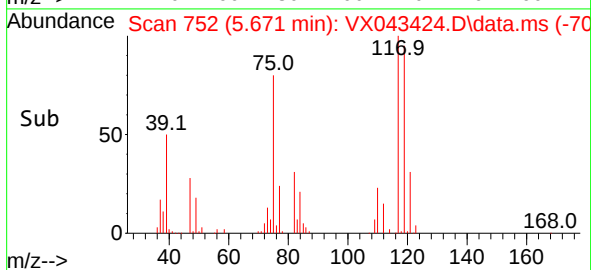
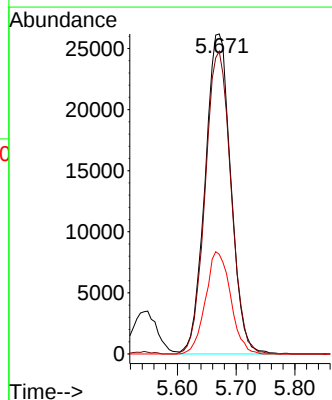
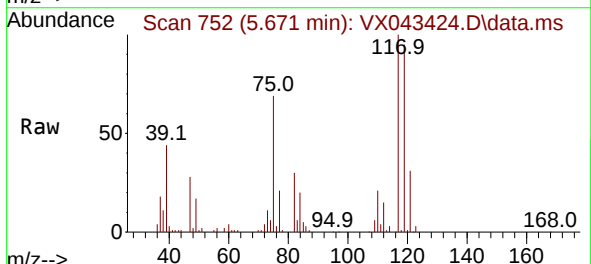
RT: 5.671 min Scan# 752

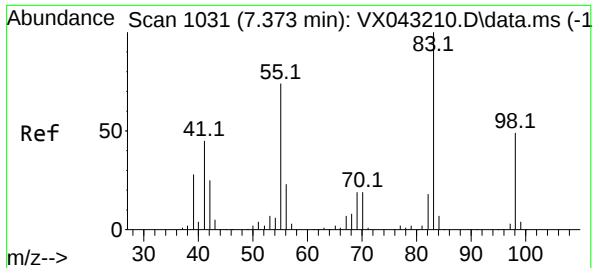
Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 79673 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 94.6  | 77.7  | 116.5 |
| 121       | 31.1  | 24.3  | 36.5  |

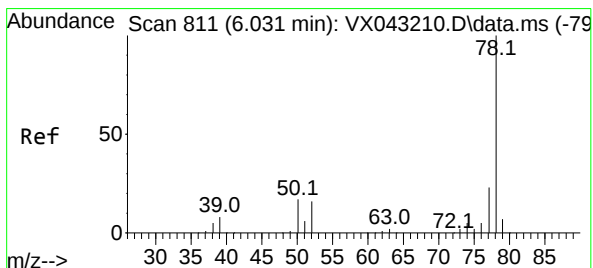
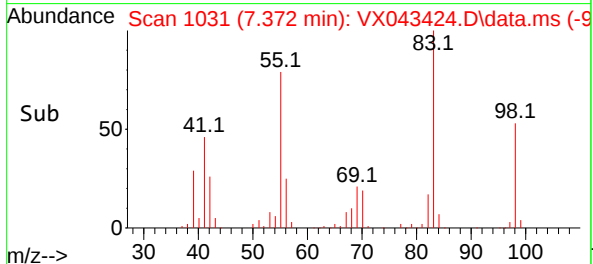
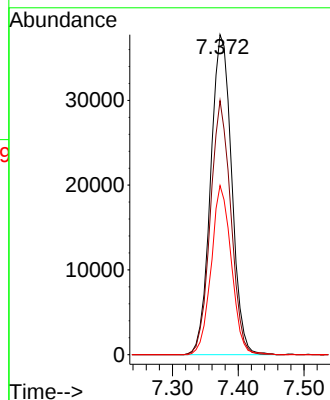
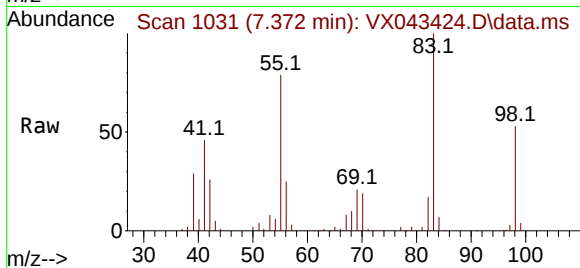




#39  
Methylcyclohexane  
Concen: 50.093 ug/l  
RT: 7.372 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

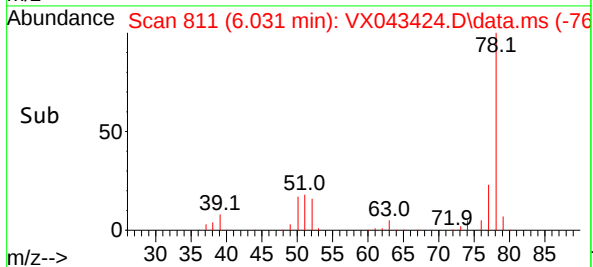
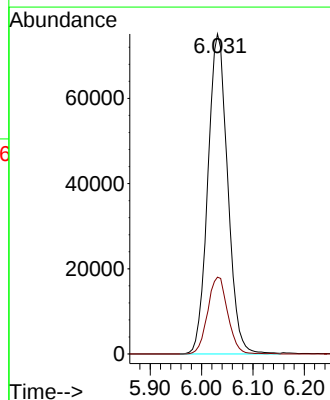
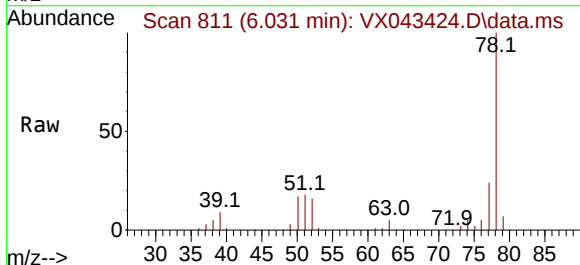
Instrument :  
MSVOA\_X  
ClientSampleId :

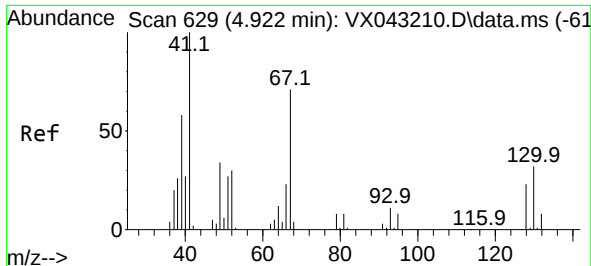
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 84187 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 79.4     | 59.4 89.2   |
| 98 52.8     | 39.3 58.9   |



#40  
Benzene  
Concen: 49.612 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

|             |              |
|-------------|--------------|
| Tgt Ion: 78 | Resp: 200995 |
| Ion Ratio   | Lower Upper  |
| 78 100      |              |
| 77 24.0     | 18.8 28.2    |

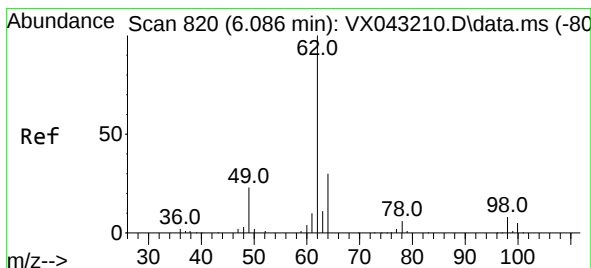
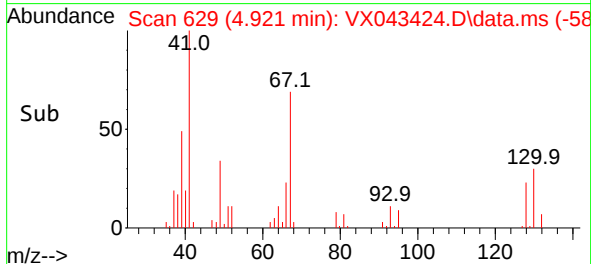
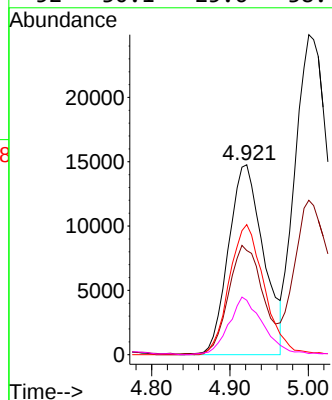
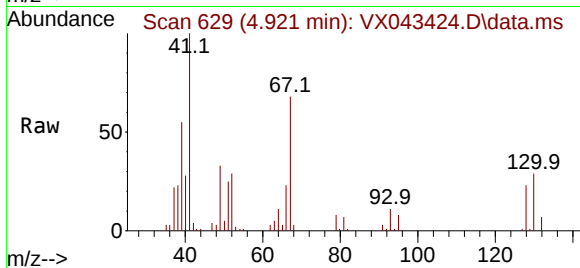




#41  
Methacrylonitrile  
Concen: 54.941 ug/l  
RT: 4.921 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

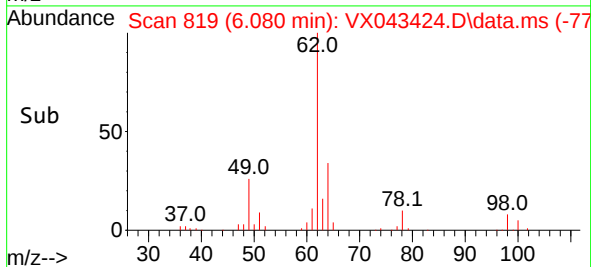
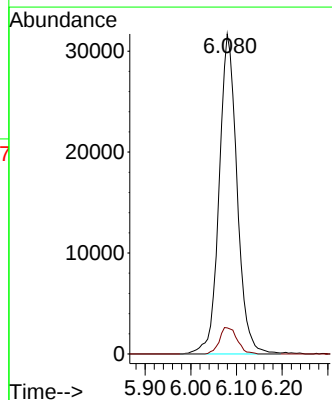
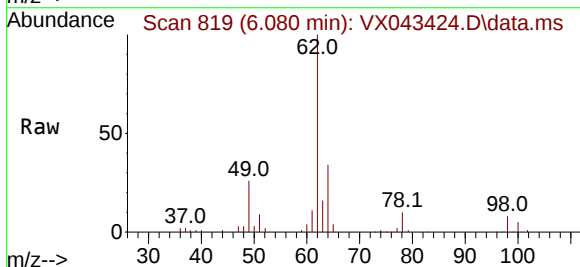
Instrument :  
MSVOA\_X  
ClientSampleId :

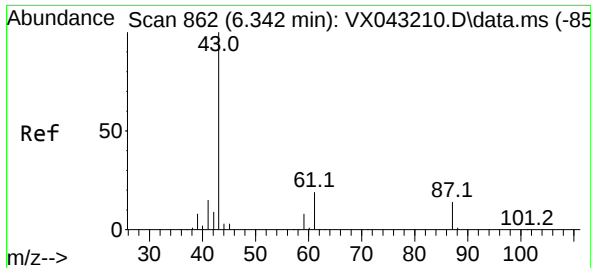
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 45893 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.8  | 45.0  | 67.4  |
| 67       | 68.4  | 56.0  | 84.0  |
| 52       | 30.1  | 25.6  | 38.4  |



#42  
1,2-Dichloroethane  
Concen: 52.441 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.007 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 86577 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.1   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 51.480 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.007 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

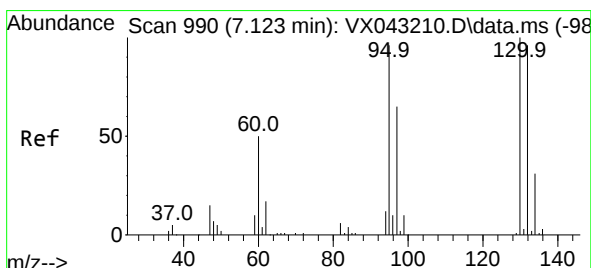
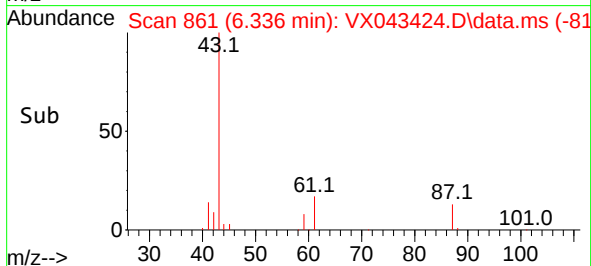
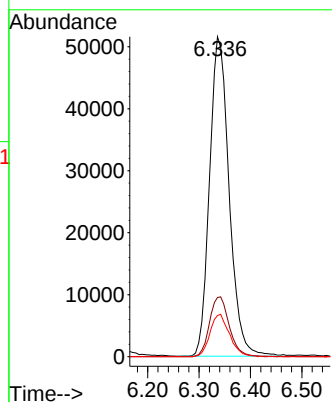
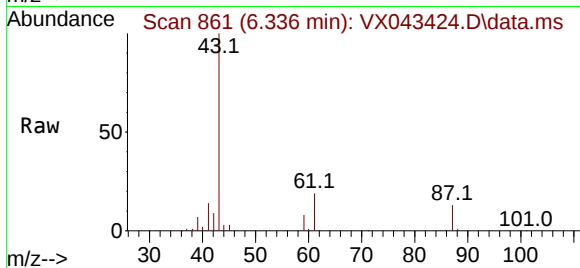
Tgt Ion: 43 Resp: 136448

Ion Ratio Lower Upper

43 100

61 18.8 15.1 22.7

87 13.2 10.8 16.2



#44

Trichloroethene

Concen: 48.319 ug/l

RT: 7.116 min Scan# 989

Delta R.T. -0.007 min

Lab File: VX043424.D

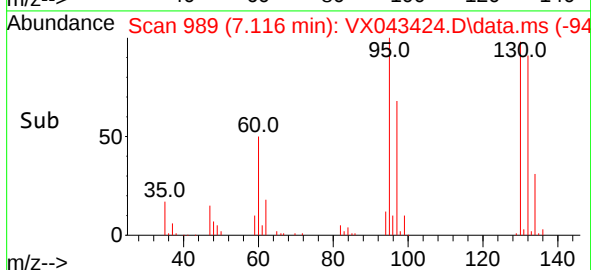
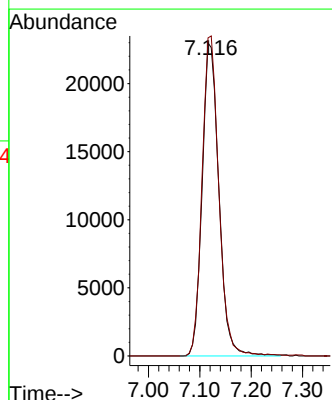
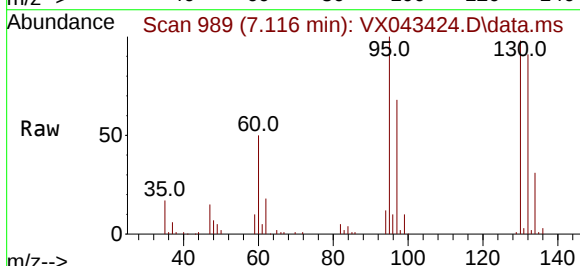
Acq: 18 Oct 2024 10:40

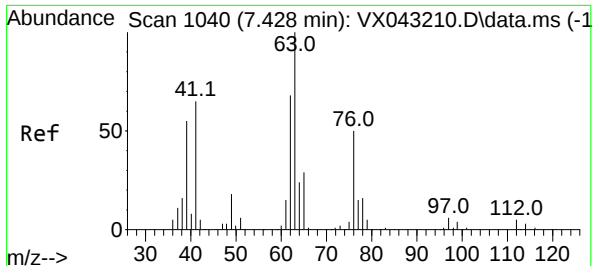
Tgt Ion:130 Resp: 51923

Ion Ratio Lower Upper

130 100

95 101.6 0.0 192.2





#45

1,2-Dichloropropane

Concen: 50.995 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

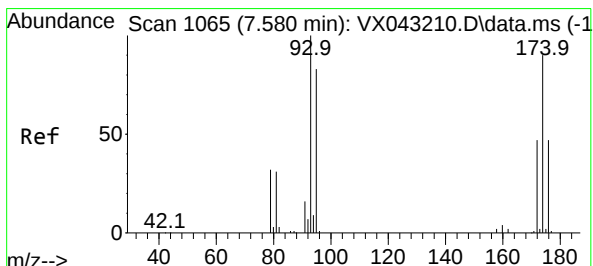
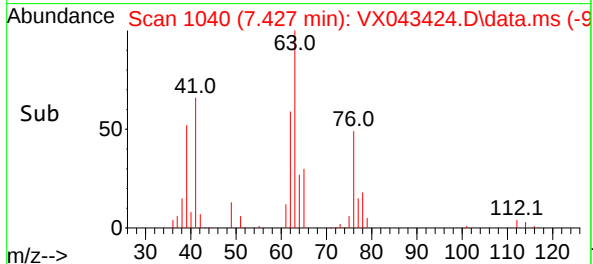
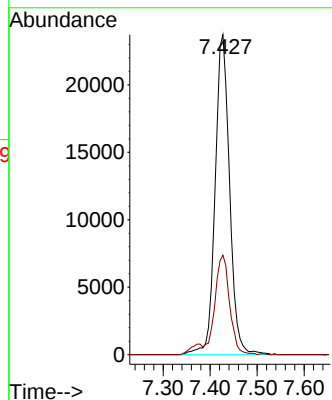
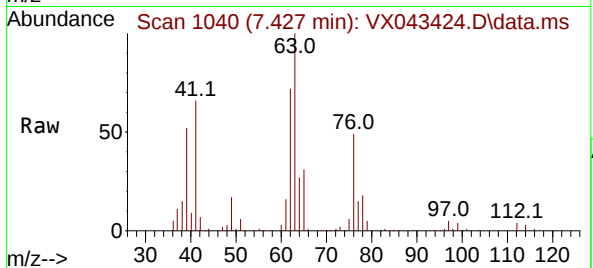
ClientSampleId :

Tgt Ion: 63 Resp: 50701

Ion Ratio Lower Upper

63 100

65 31.1 23.2 34.8



#46

Dibromomethane

Concen: 50.949 ug/l

RT: 7.573 min Scan# 1064

Delta R.T. -0.007 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

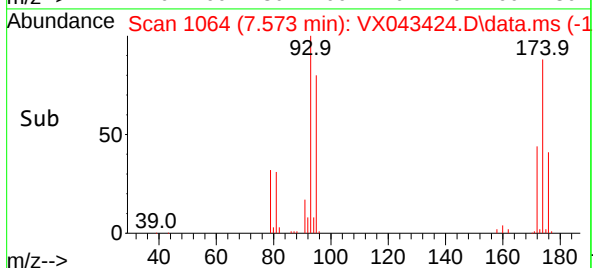
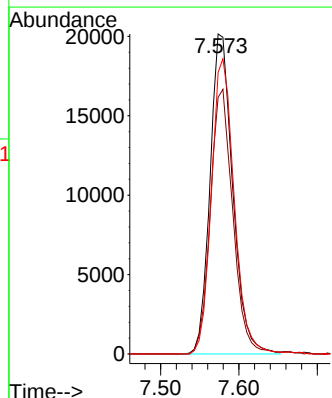
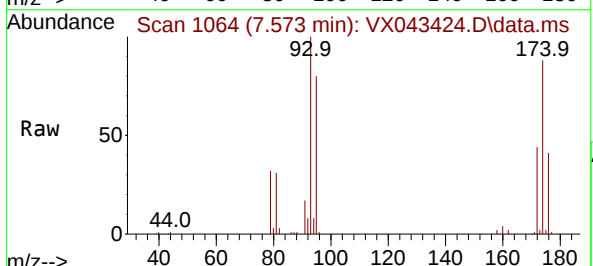
Tgt Ion: 93 Resp: 40591

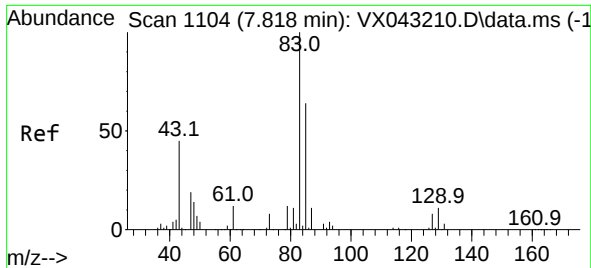
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 92.4 74.5 111.7



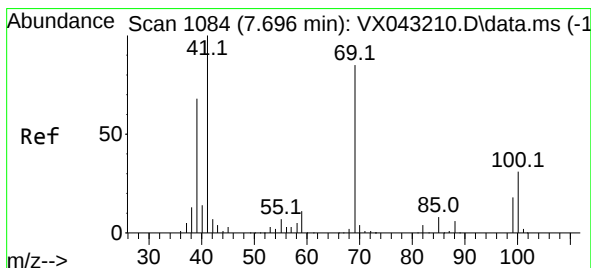
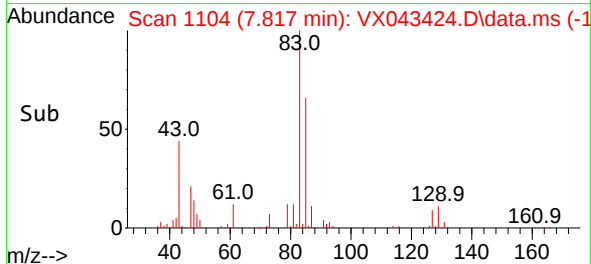
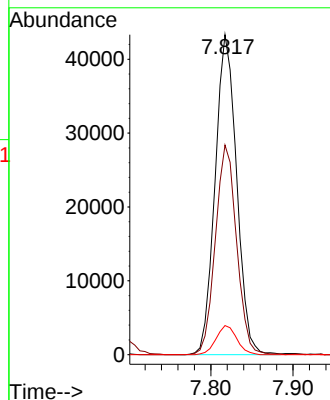
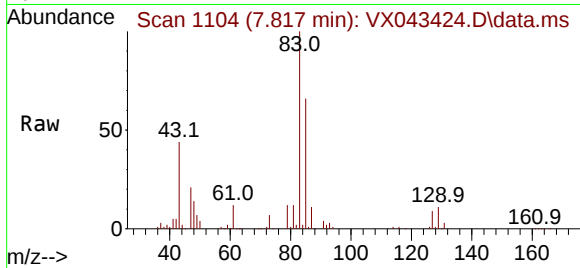


#47  
 Bromodichloromethane  
 Concen: 50.367 ug/l  
 RT: 7.817 min Scan# 1104  
 Delta R.T. -0.000 min  
 Lab File: VX043424.D  
 Acq: 18 Oct 2024 10:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 83 Resp: 78891  

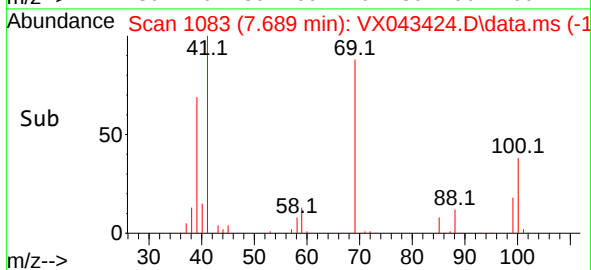
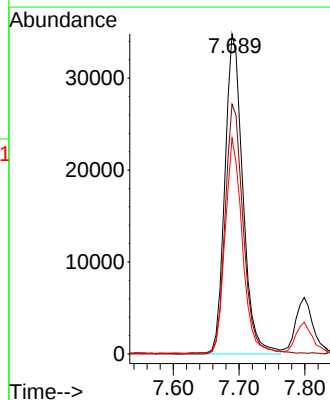
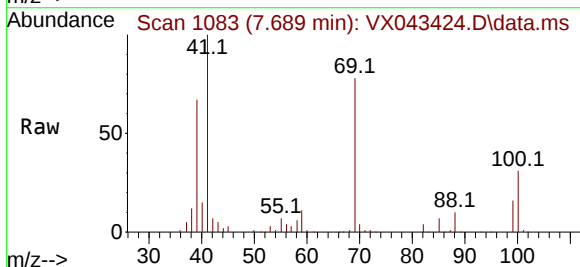
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.5  | 51.4  | 77.2  |
| 127 | 9.1   | 6.2   | 9.4   |

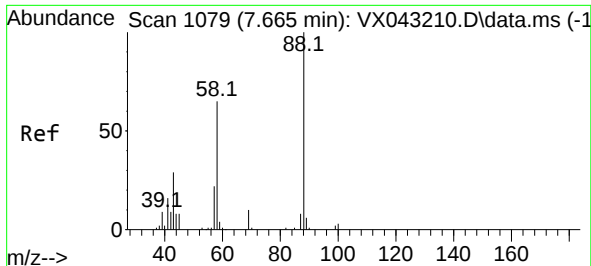


#48  
 Methyl methacrylate  
 Concen: 50.939 ug/l  
 RT: 7.689 min Scan# 1083  
 Delta R.T. -0.007 min  
 Lab File: VX043424.D  
 Acq: 18 Oct 2024 10:40

Tgt Ion: 41 Resp: 66245  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 78.7  | 64.1  | 96.1  |
| 39  | 64.6  | 52.8  | 79.2  |





#49

1,4-Dioxane

Concen: 951.070 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX043424.D

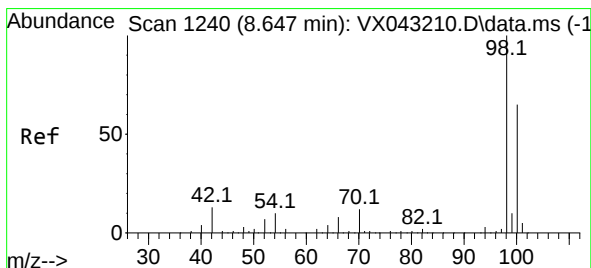
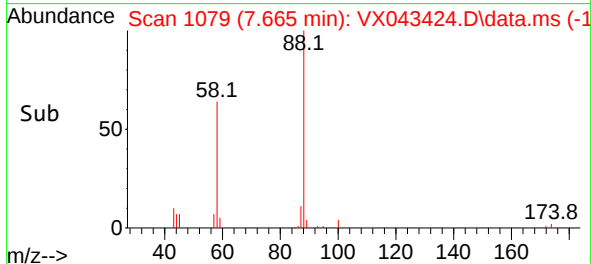
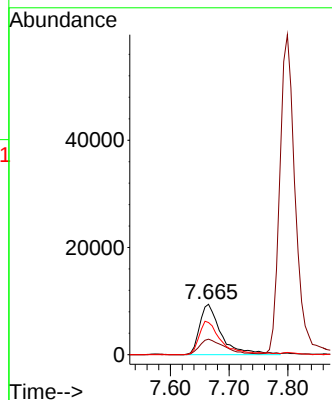
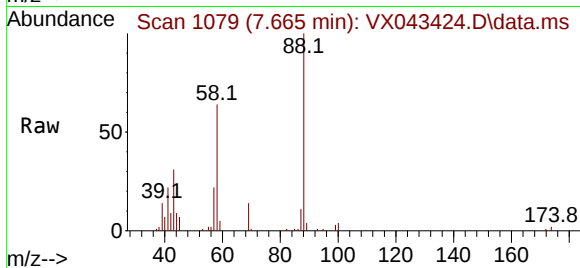
Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 24043 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 36.2  | 29.5  | 44.3  |
| 58       | 67.6  | 55.2  | 82.8  |



#50

Toluene-d8

Concen: 49.828 ug/l

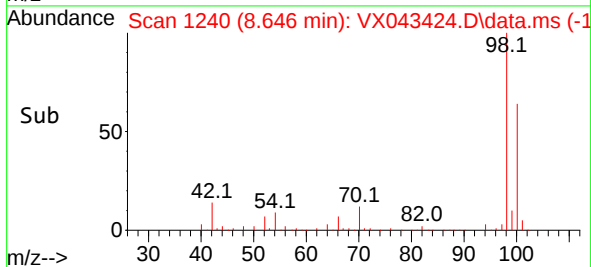
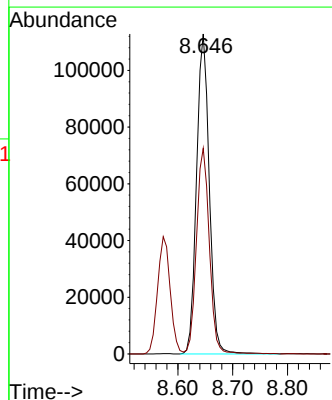
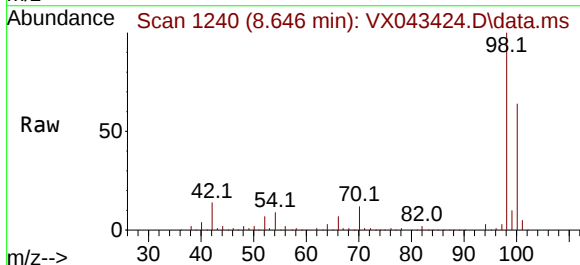
RT: 8.646 min Scan# 1240

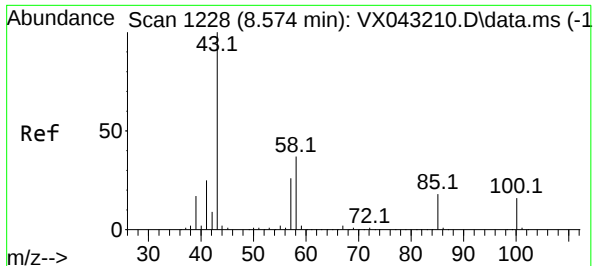
Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 182645 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.3  | 52.4  | 78.6   |





#51

4-Methyl-2-Pentanone

Concen: 255.348 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

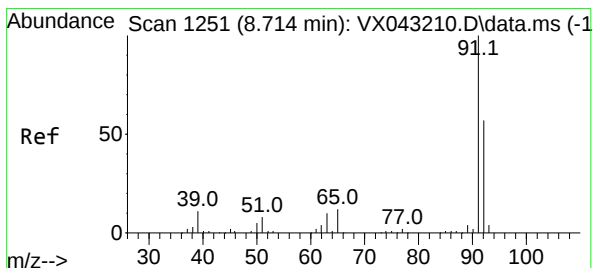
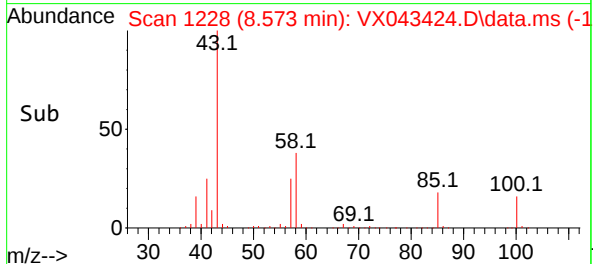
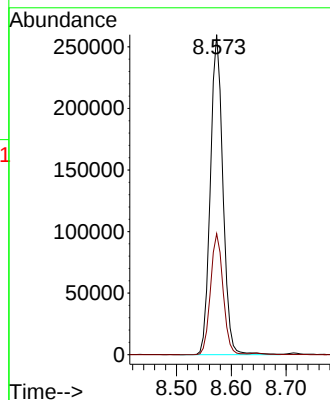
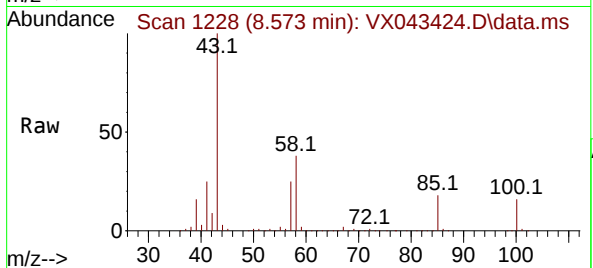
ClientSampleId :

Tgt Ion: 43 Resp: 411053

Ion Ratio Lower Upper

43 100

58 37.8 30.0 45.0



#52

Toluene

Concen: 49.922 ug/l

RT: 8.713 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043424.D

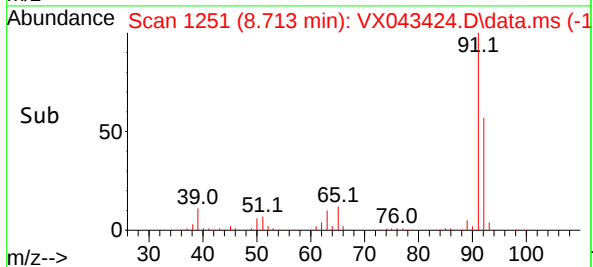
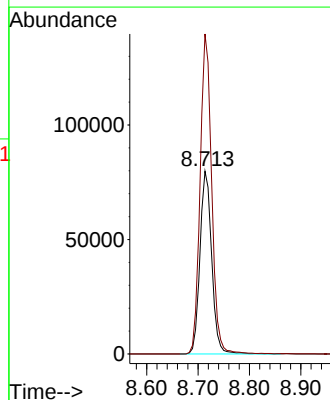
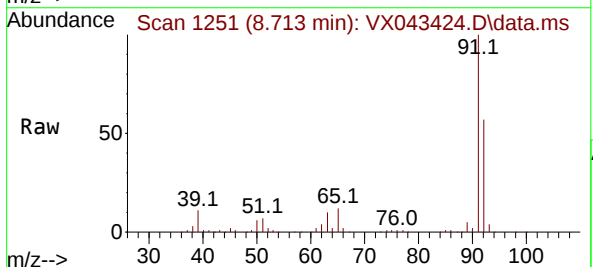
Acq: 18 Oct 2024 10:40

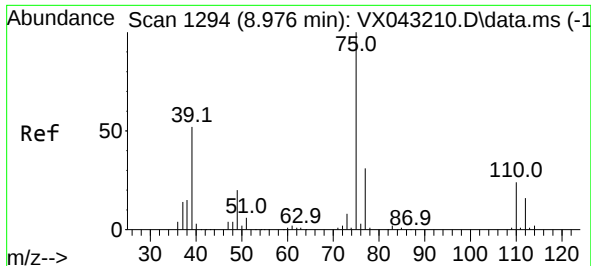
Tgt Ion: 92 Resp: 126760

Ion Ratio Lower Upper

92 100

91 172.2 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 52.903 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

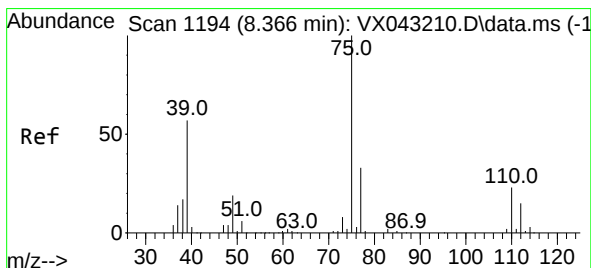
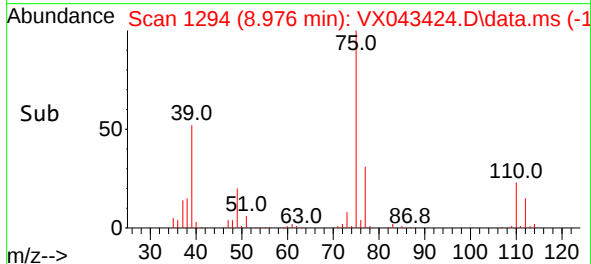
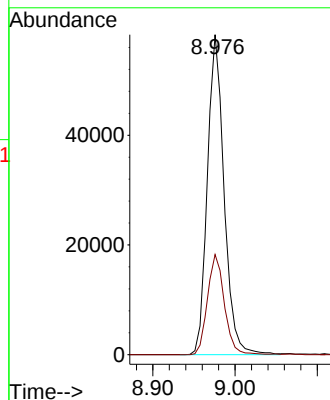
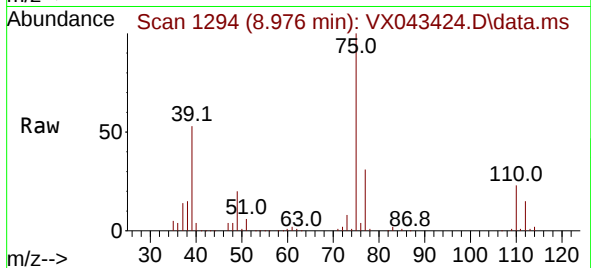
ClientSampleId :

Tgt Ion: 75 Resp: 82342

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 51.990 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

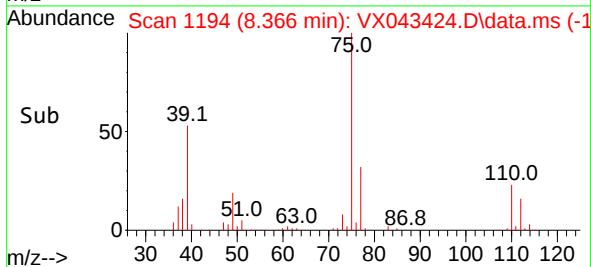
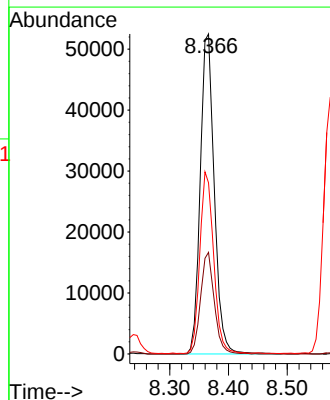
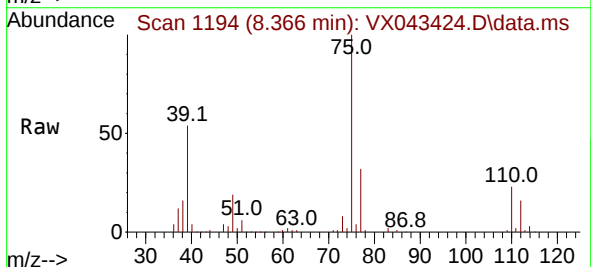
Tgt Ion: 75 Resp: 86791

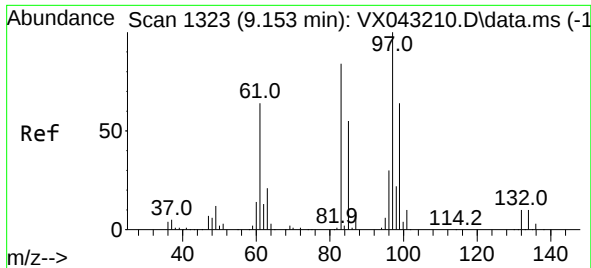
Ion Ratio Lower Upper

75 100

77 31.7 26.0 39.0

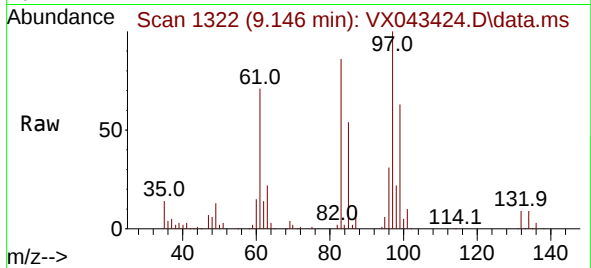
39 53.3 45.8 68.8



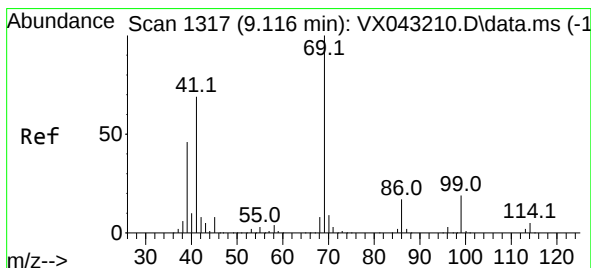
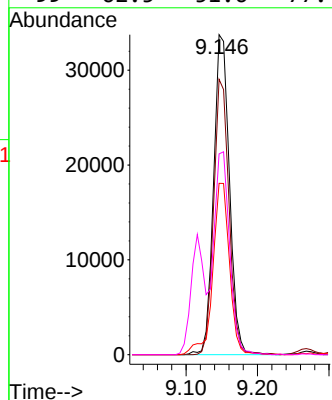
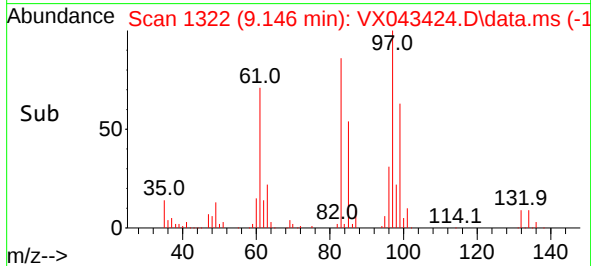


#55  
1,1,2-Trichloroethane  
Concen: 51.555 ug/l  
RT: 9.146 min Scan# 1323  
Delta R.T. -0.007 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

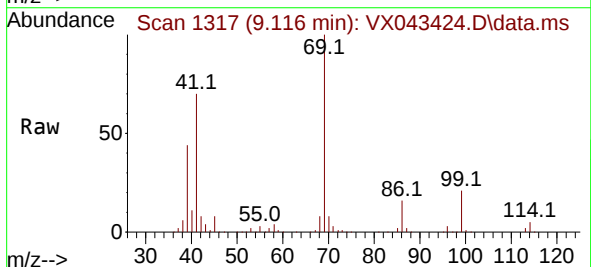
Instrument :  
MSVOA\_X  
ClientSampleId :



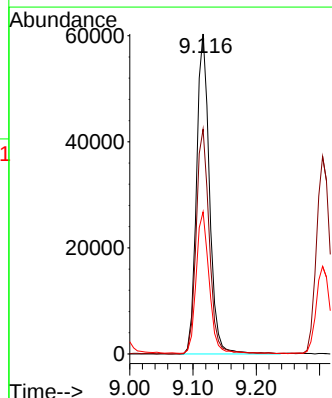
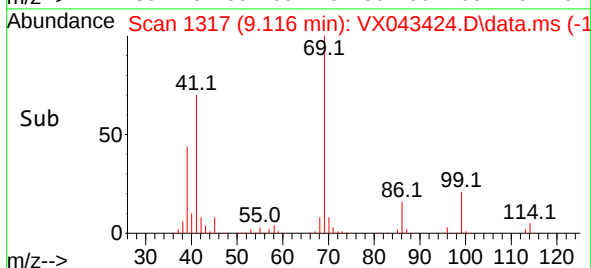
| Tgt Ion: | 97    | Resp: | 52024 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.0  | 66.9  | 100.3 |
| 85       | 53.5  | 43.9  | 65.9  |
| 99       | 62.5  | 51.6  | 77.4  |

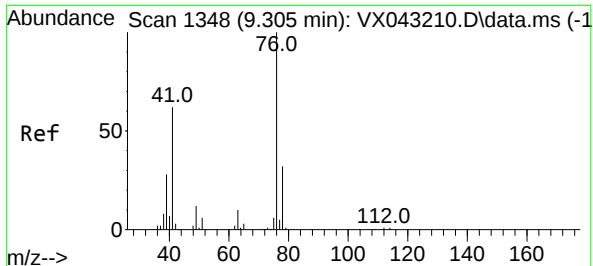


#56  
Ethyl methacrylate  
Concen: 52.091 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40



| Tgt Ion: | 69    | Resp: | 85940 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.2  | 56.1  | 84.1  |
| 39       | 44.5  | 36.4  | 54.6  |





#57

1,3-Dichloropropane

Concen: 51.173 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

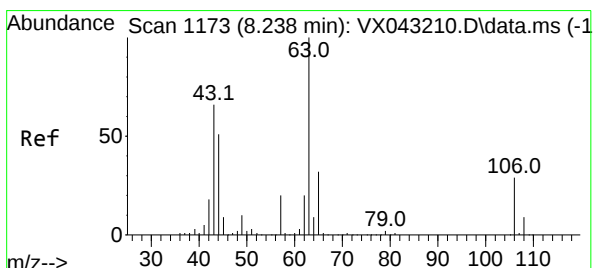
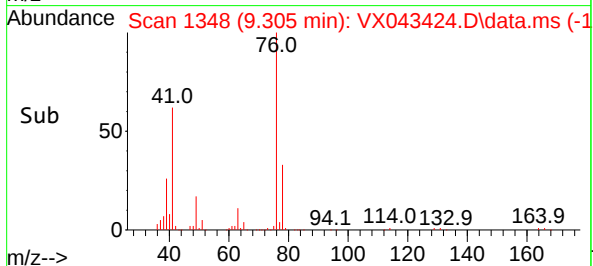
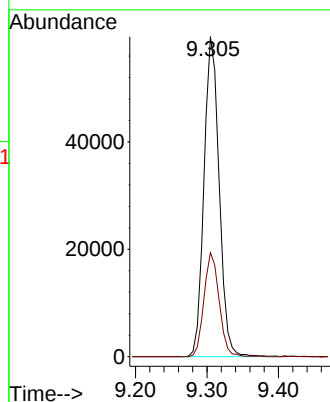
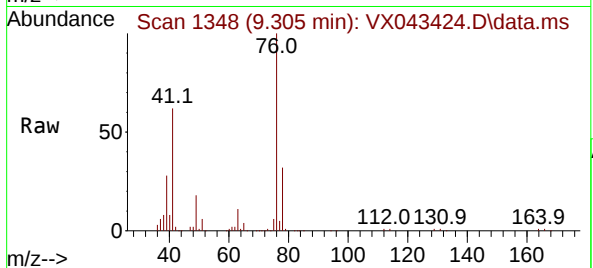
ClientSampleId :

Tgt Ion: 76 Resp: 87950

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 266.504 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX043424.D

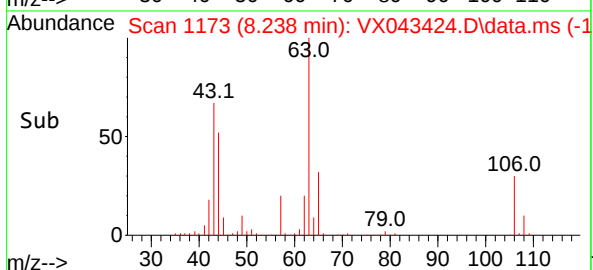
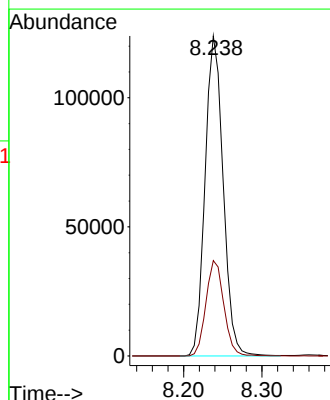
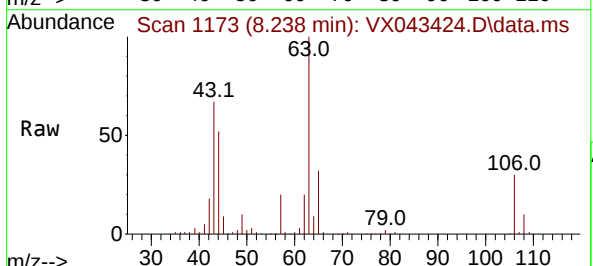
Acq: 18 Oct 2024 10:40

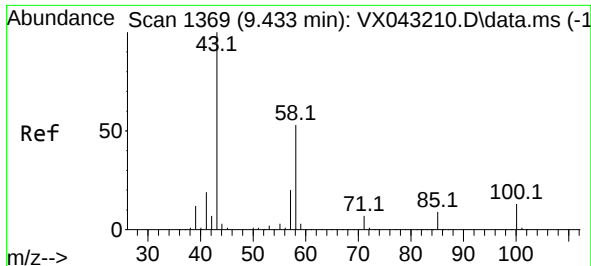
Tgt Ion: 63 Resp: 198185

Ion Ratio Lower Upper

63 100

106 29.6 23.7 35.5

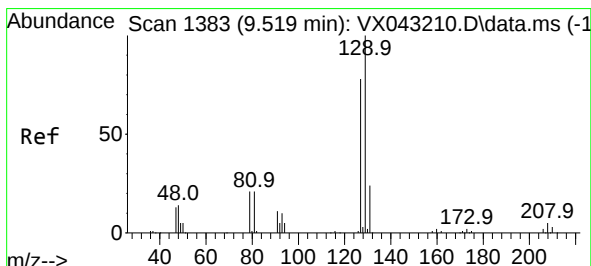
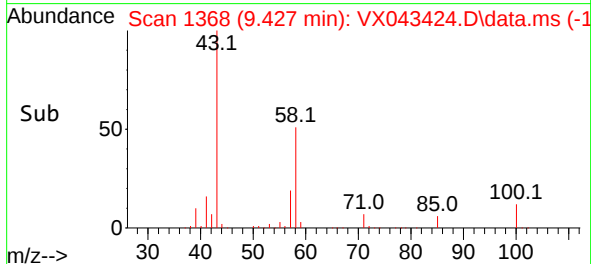
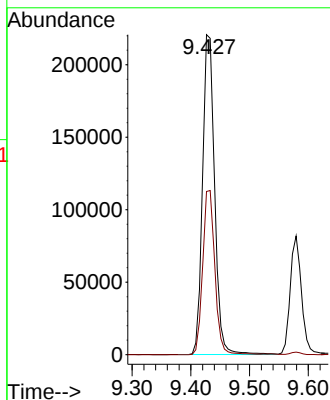
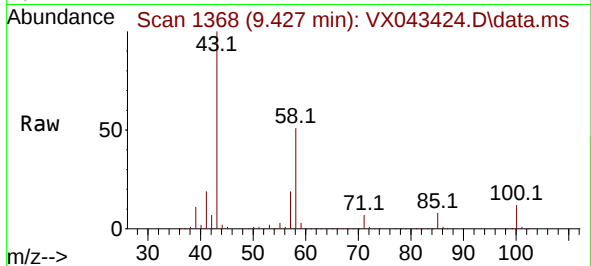




#59  
2-Hexanone  
Concen: 260.549 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.007 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

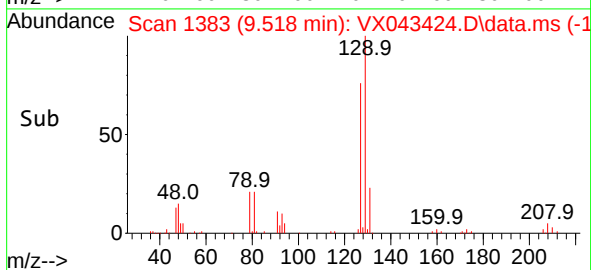
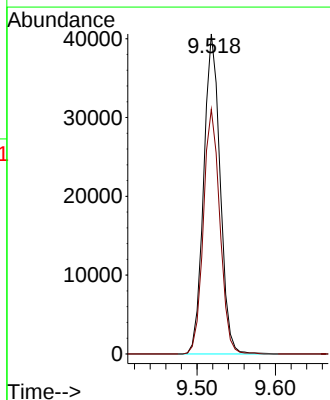
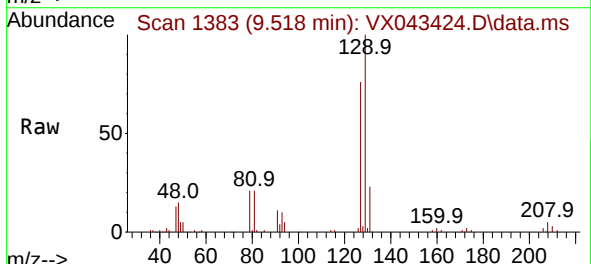
Instrument :  
MSVOA\_X  
ClientSampleId :

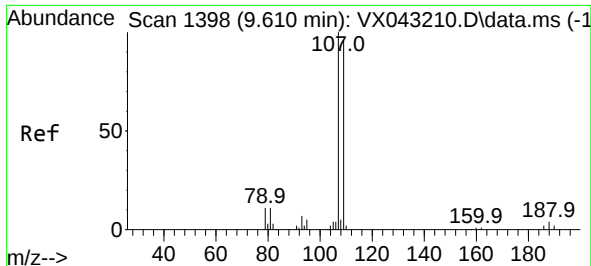
Tgt Ion: 43 Resp: 317176  
Ion Ratio Lower Upper  
43 100  
58 51.6 26.1 78.3



#60  
Dibromochloromethane  
Concen: 50.347 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 129 Resp: 58940  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.3 114.9

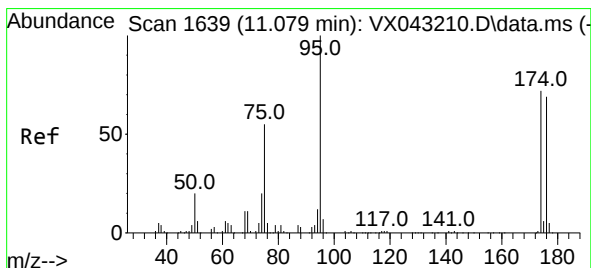
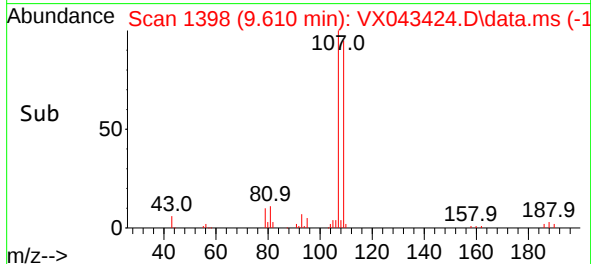
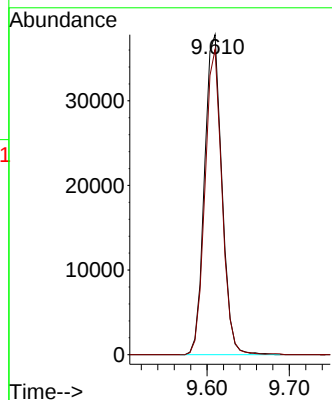
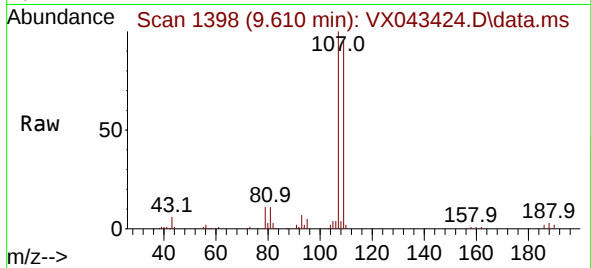




#61  
1,2-Dibromoethane  
Concen: 51.330 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

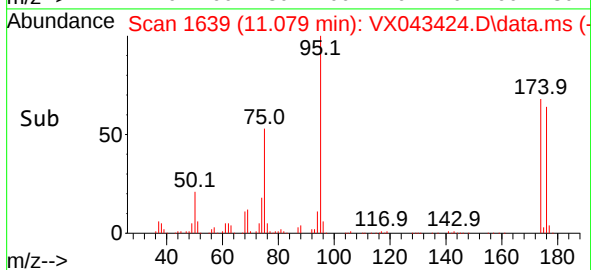
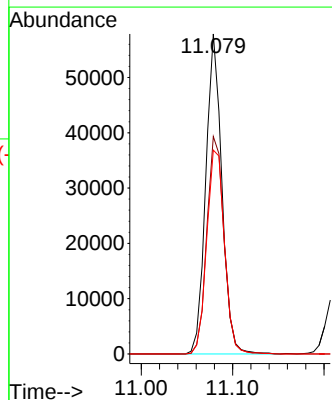
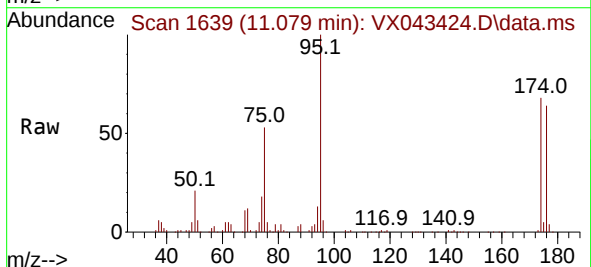
Instrument :  
MSVOA\_X  
ClientSampleId :

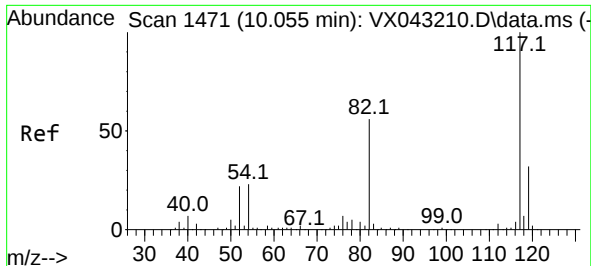
Tgt Ion:107 Resp: 55651  
Ion Ratio Lower Upper  
107 100  
109 93.1 76.1 114.1



#62  
4-Bromofluorobenzene  
Concen: 52.976 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 95 Resp: 70546  
Ion Ratio Lower Upper  
95 100  
174 72.5 0.0 145.0  
176 70.5 0.0 143.0

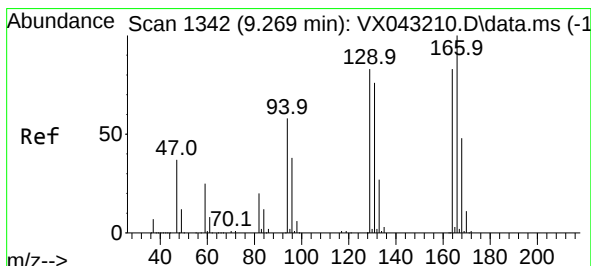
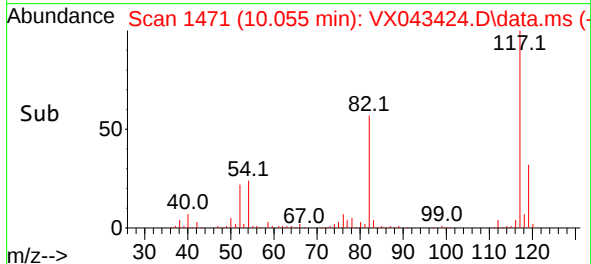
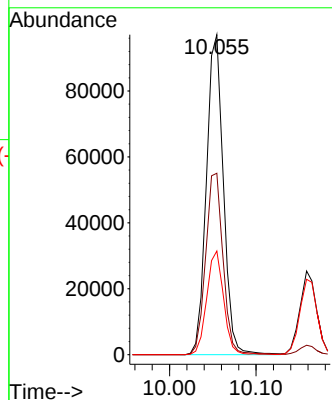
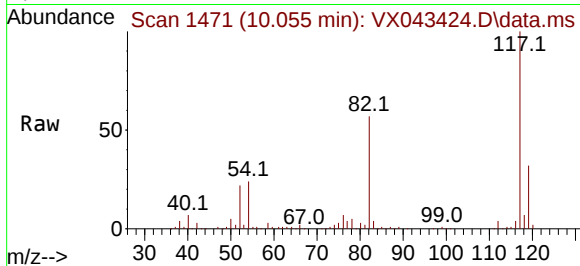




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

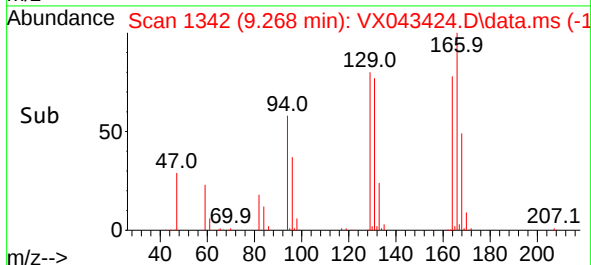
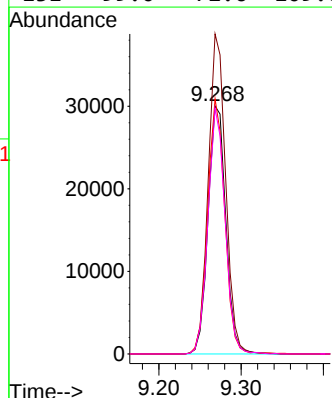
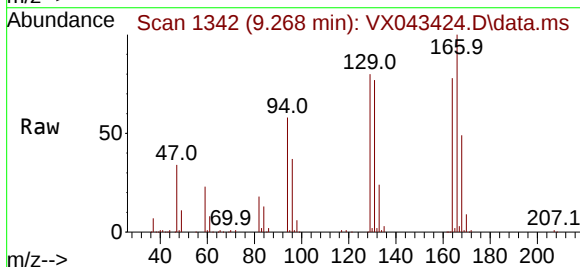
Instrument :  
MSVOA\_X  
ClientSampleId :

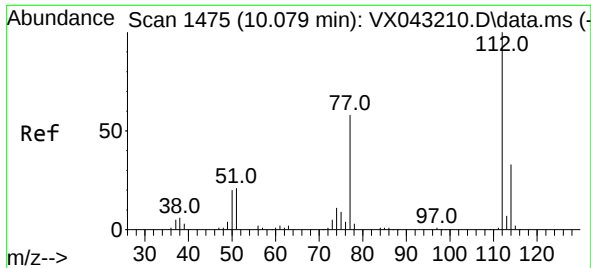
Tgt Ion:117 Resp: 132229  
Ion Ratio Lower Upper  
117 100  
82 56.7 45.0 67.6  
119 32.4 25.3 37.9



#64  
Tetrachloroethene  
Concen: 48.939 ug/l  
RT: 9.268 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion:164 Resp: 44902  
Ion Ratio Lower Upper  
164 100  
166 129.0 96.0 144.0  
129 102.8 79.4 119.0  
131 99.0 72.6 109.0

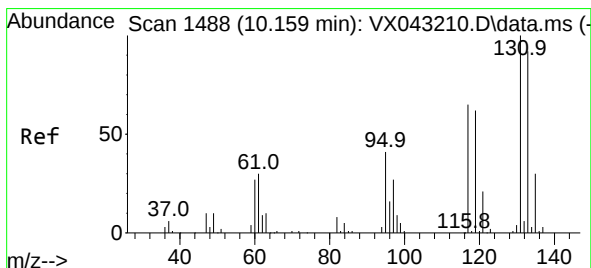
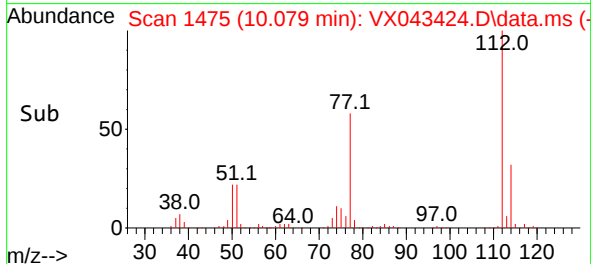
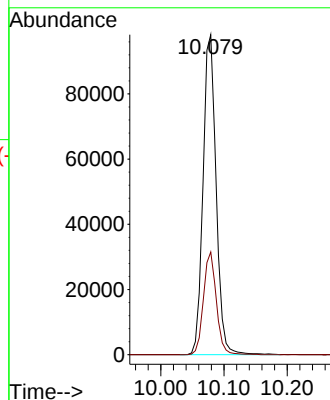
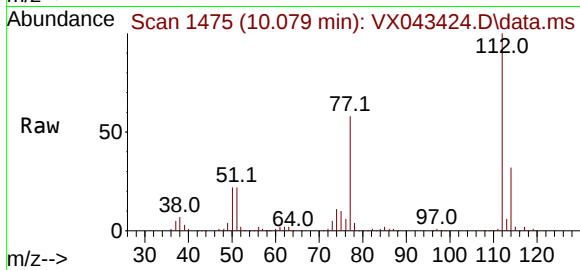




#65  
Chlorobenzene  
Concen: 49.827 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

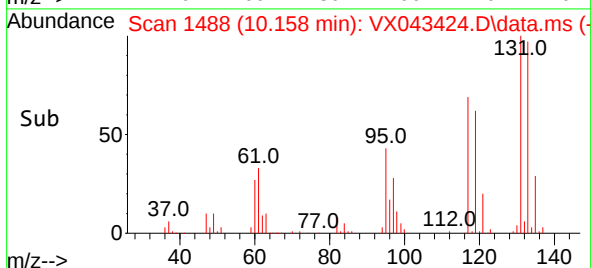
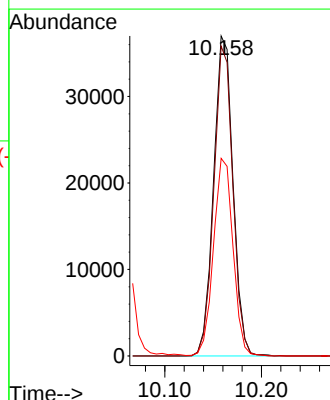
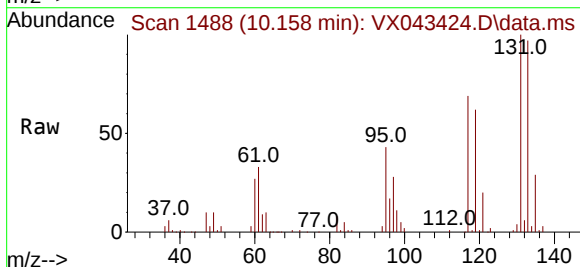
Instrument :  
MSVOA\_X  
ClientSampleId :

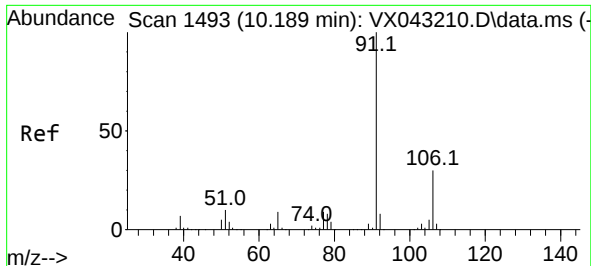
Tgt Ion:112 Resp: 141648  
Ion Ratio Lower Upper  
112 100  
114 32.1 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.172 ug/l  
RT: 10.158 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion:131 Resp: 51438  
Ion Ratio Lower Upper  
131 100  
133 94.9 46.9 140.8  
119 62.1 31.7 95.1





#67

Ethyl Benzene

Concen: 49.547 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

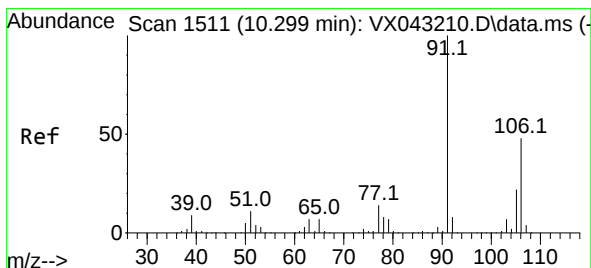
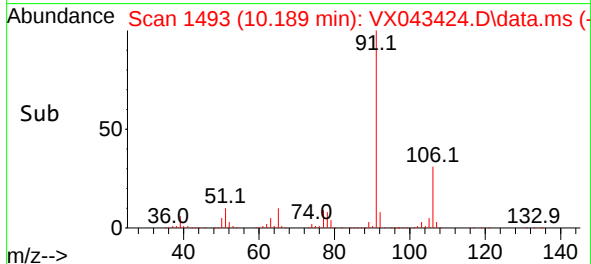
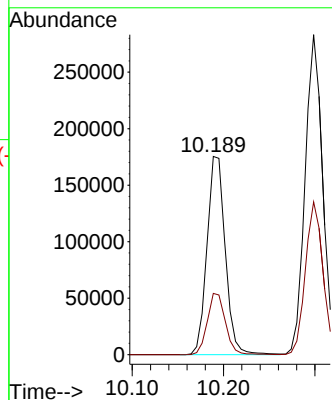
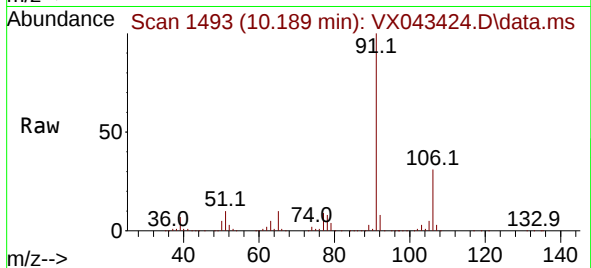
ClientSampleId :

Tgt Ion: 91 Resp: 243455

Ion Ratio Lower Upper

91 100

106 30.9 23.9 35.9



#68

m/p-Xylenes

Concen: 98.935 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043424.D

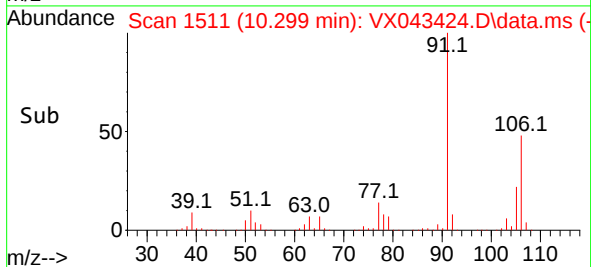
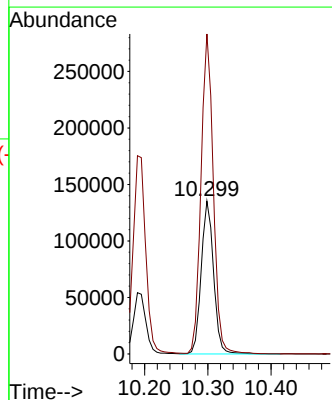
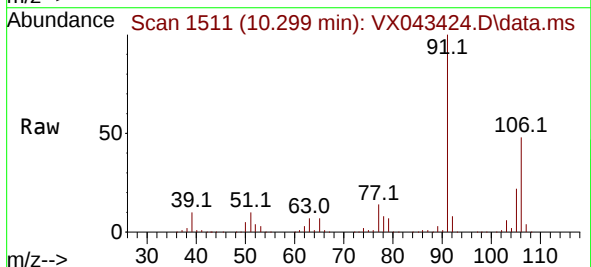
Acq: 18 Oct 2024 10:40

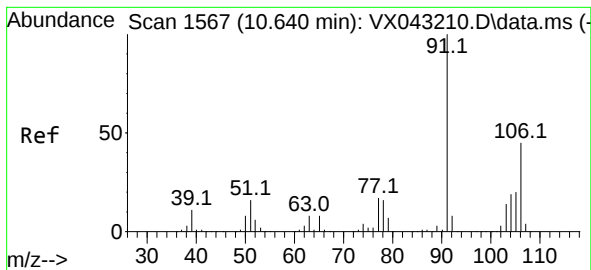
Tgt Ion:106 Resp: 183713

Ion Ratio Lower Upper

106 100

91 209.0 167.0 250.6





#69

o-Xylene

Concen: 48.947 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

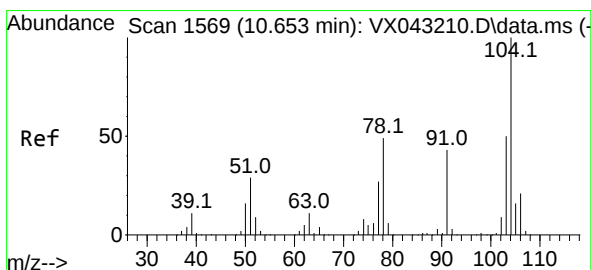
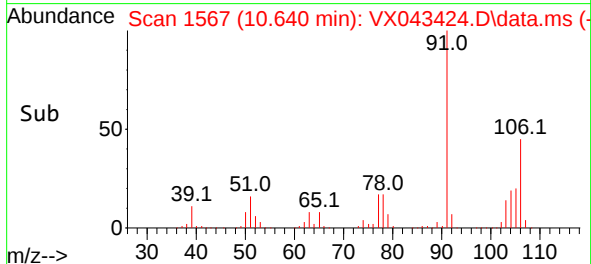
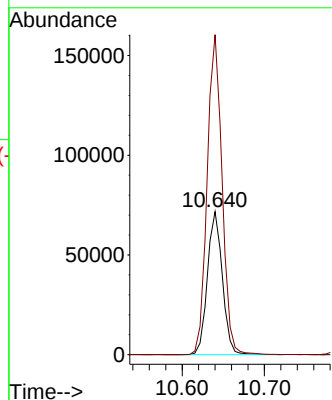
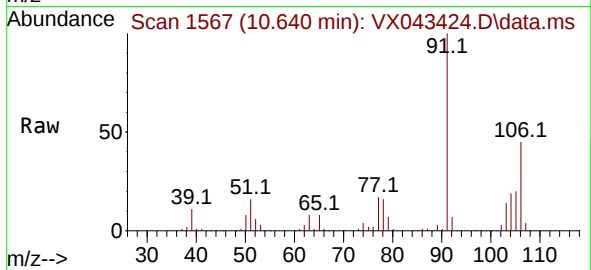
ClientSampleId :

Tgt Ion:106 Resp: 90317

Ion Ratio Lower Upper

106 100

91 224.2 111.6 334.8



#70

Styrene

Concen: 51.436 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

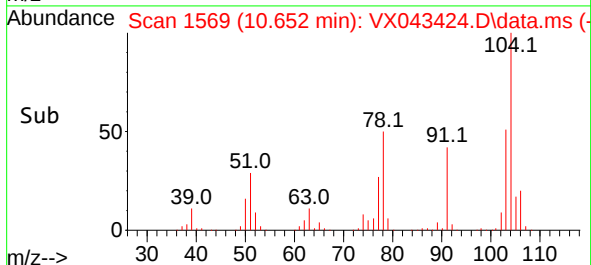
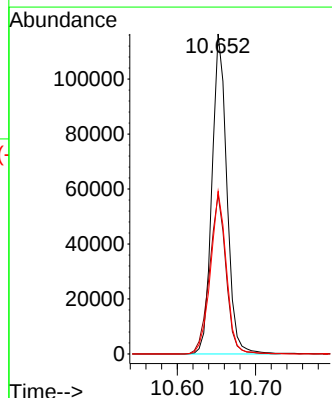
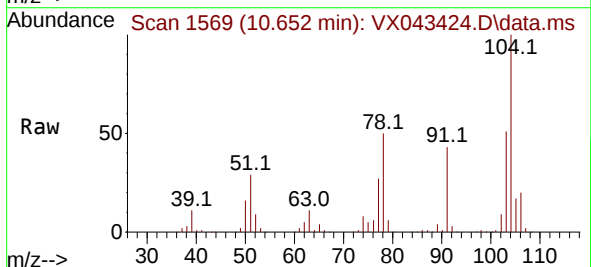
Tgt Ion:104 Resp: 153813

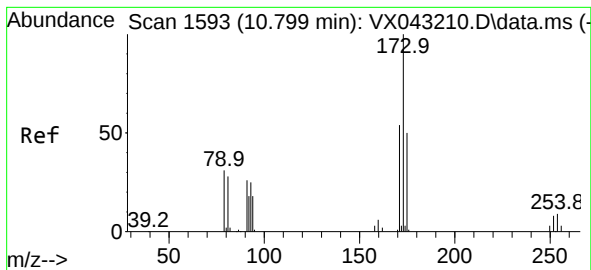
Ion Ratio Lower Upper

104 100

78 54.9 43.5 65.3

103 54.1 43.9 65.9





#71

Bromoform

Concen: 49.678 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

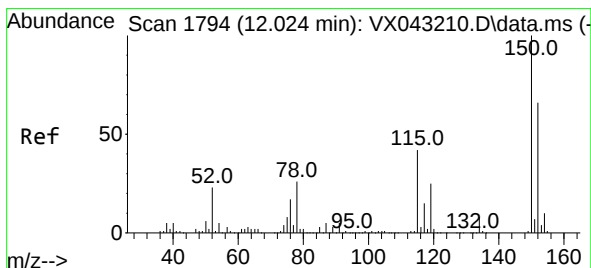
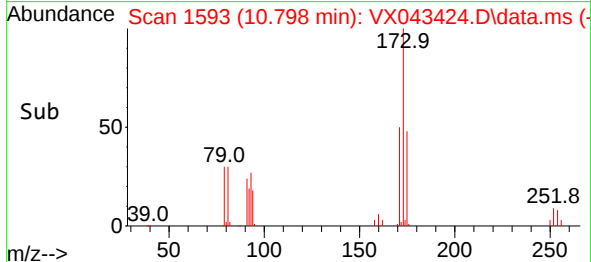
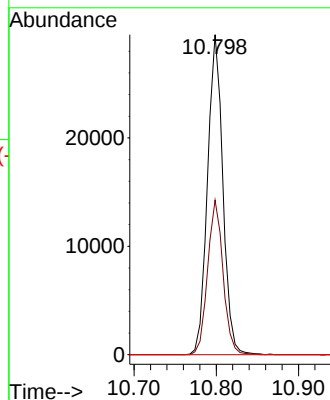
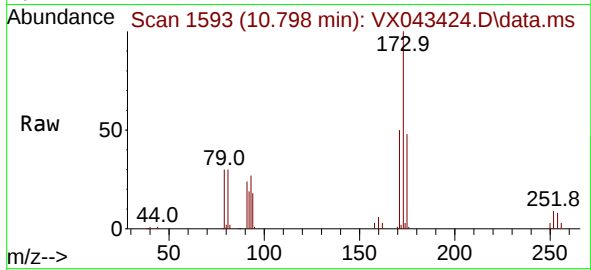
Tgt Ion:173 Resp: 38254

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

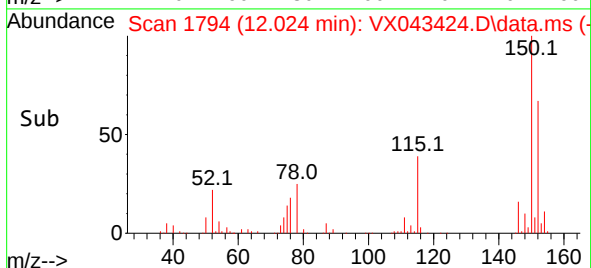
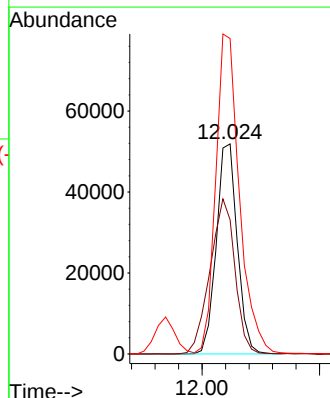
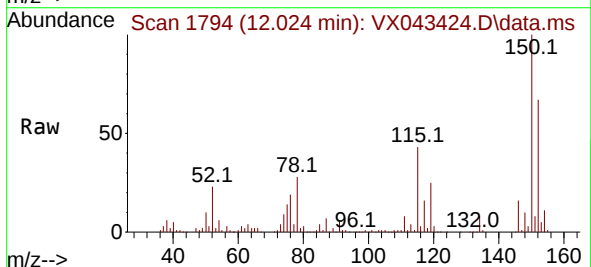
Tgt Ion:152 Resp: 64168

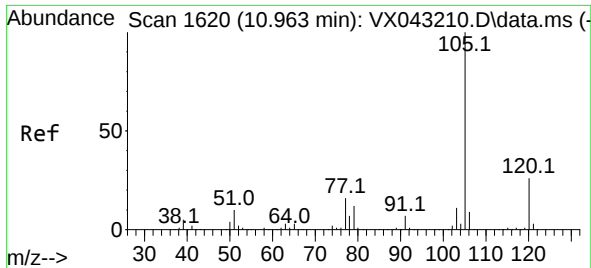
Ion Ratio Lower Upper

152 100

115 87.9 44.1 132.3

150 172.2 0.0 347.4

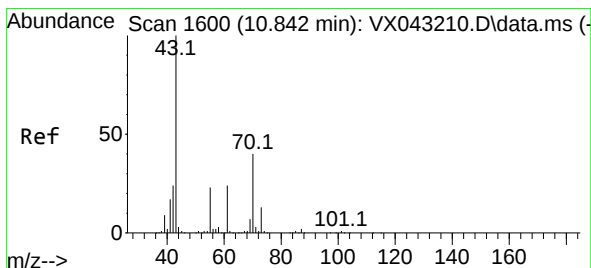
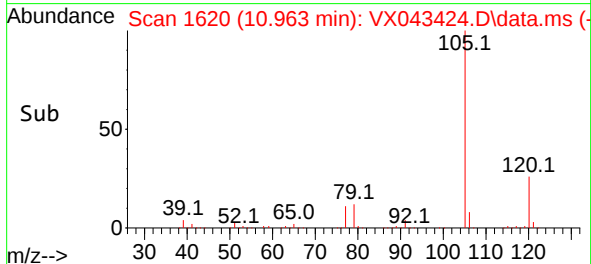
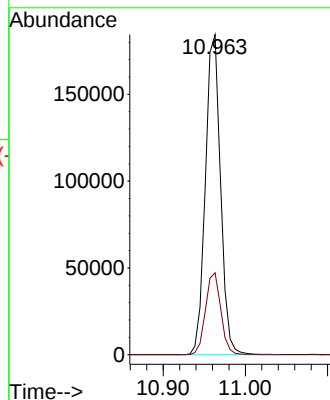
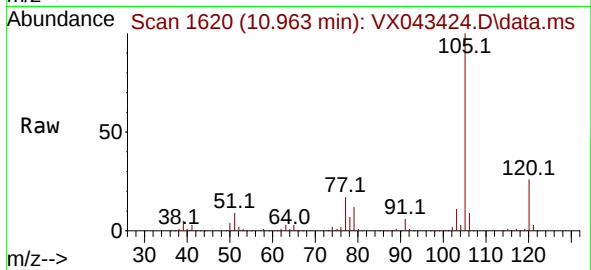




#73  
Isopropylbenzene  
Concen: 47.320 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

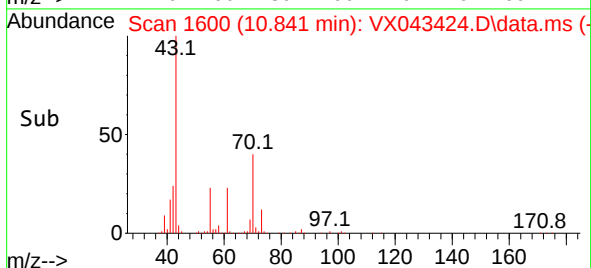
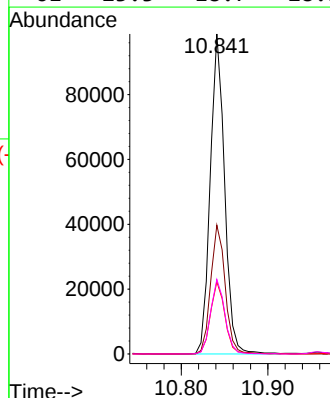
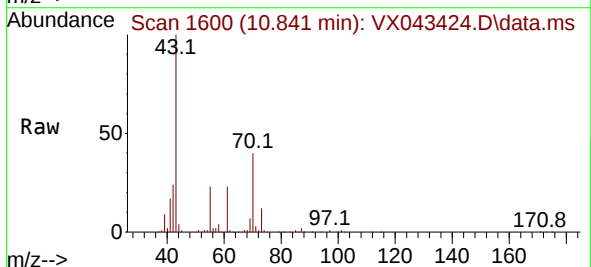
Instrument :  
MSVOA\_X  
ClientSampleId :

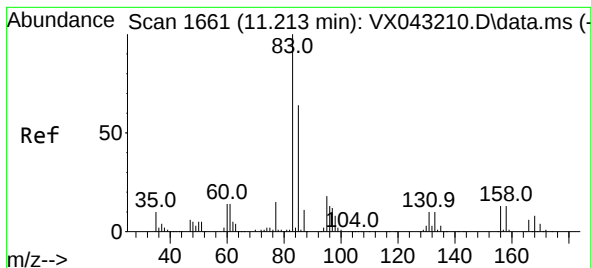
Tgt Ion:105 Resp: 236072  
Ion Ratio Lower Upper  
105 100  
120 25.9 12.9 38.7



#74  
N-ethyl acetate  
Concen: 47.947 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 43 Resp: 113551  
Ion Ratio Lower Upper  
43 100  
70 40.9 33.1 49.7  
55 22.8 18.6 27.8  
61 23.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.637 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

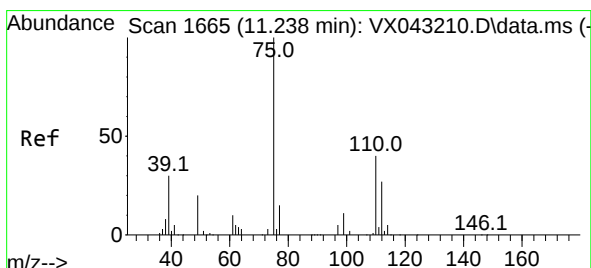
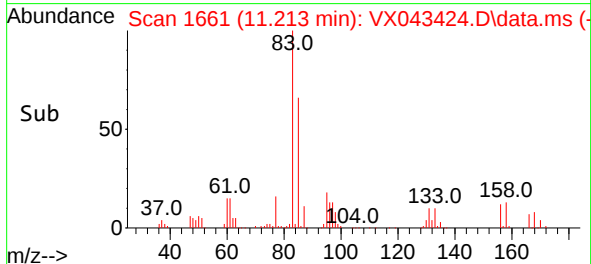
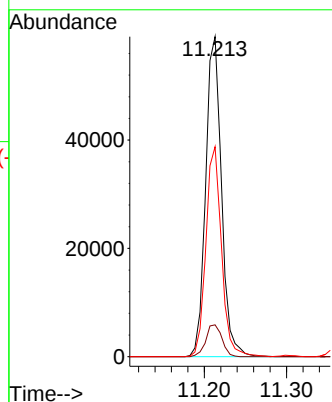
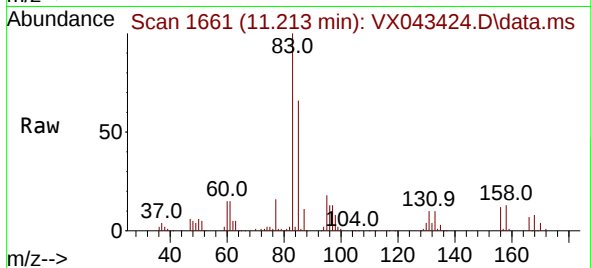
Tgt Ion: 83 Resp: 79046

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 64.6 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 64.672 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043424.D

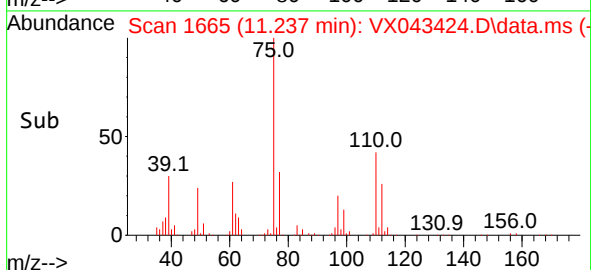
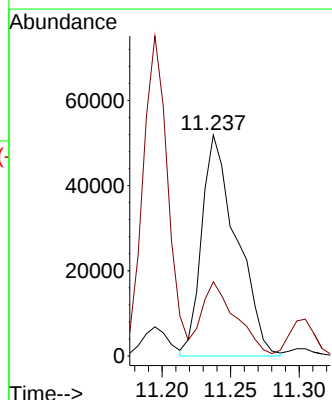
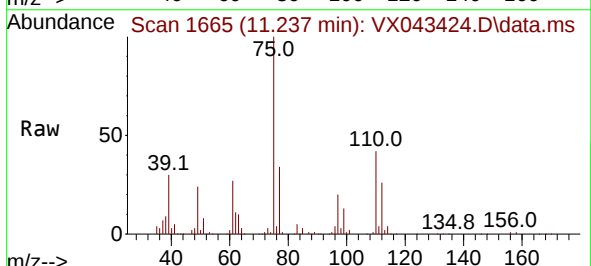
Acq: 18 Oct 2024 10:40

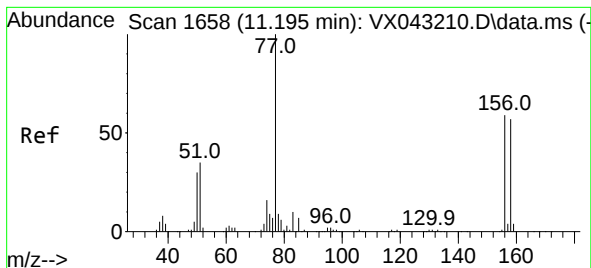
Tgt Ion: 75 Resp: 92049

Ion Ratio Lower Upper

75 100

77 32.8 22.0 66.0





#77

Bromobenzene

Concen: 46.668 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

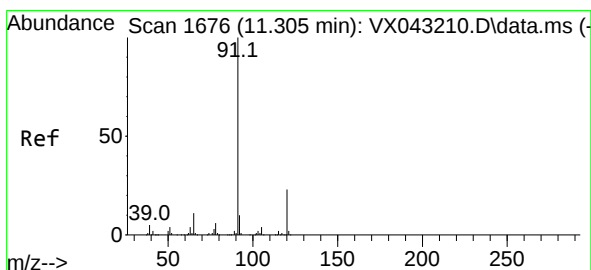
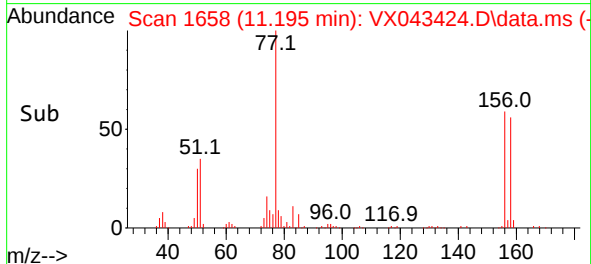
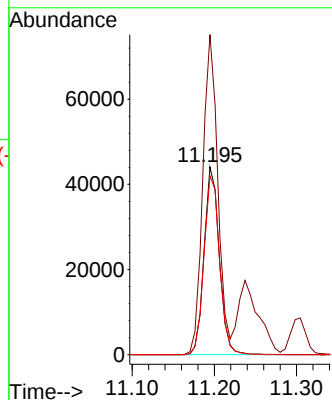
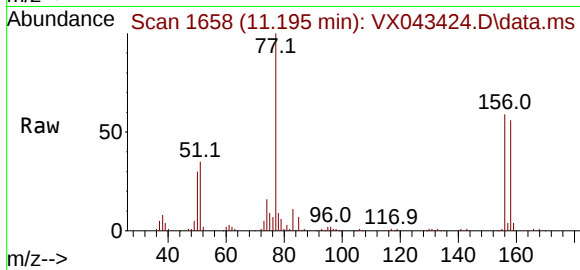
Tgt Ion:156 Resp: 56659

Ion Ratio Lower Upper

156 100

77 168.0 82.0 245.8

158 97.5 48.1 144.3



#78

n-propylbenzene

Concen: 48.854 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043424.D

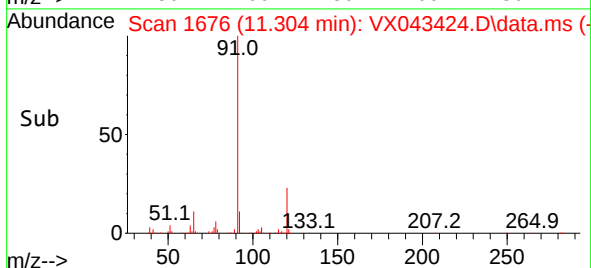
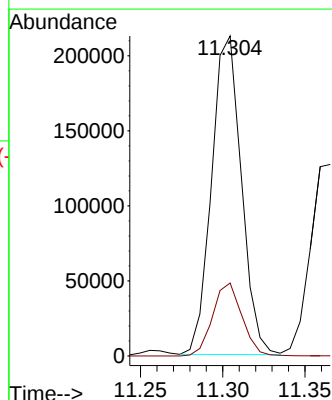
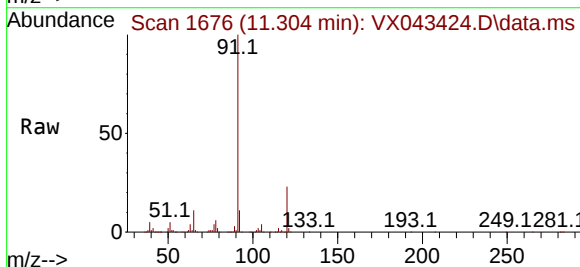
Acq: 18 Oct 2024 10:40

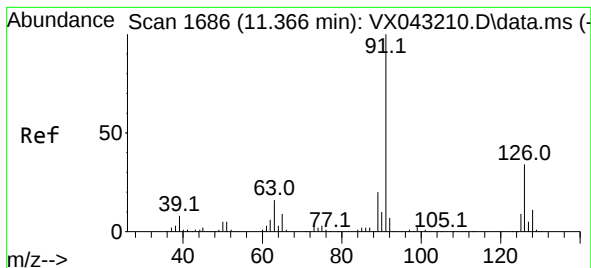
Tgt Ion: 91 Resp: 267560

Ion Ratio Lower Upper

91 100

120 22.6 11.4 34.1

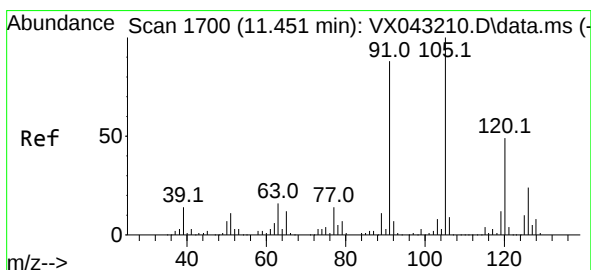
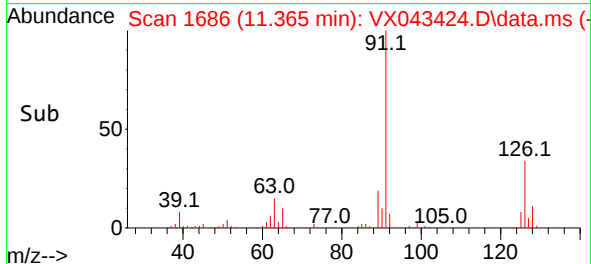
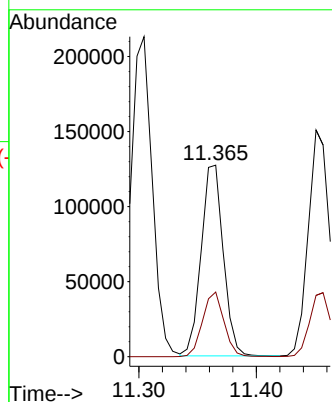
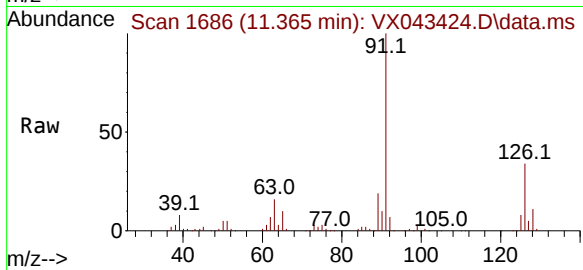




#79  
2-Chlorotoluene  
Concen: 47.279 ug/l  
RT: 11.365 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

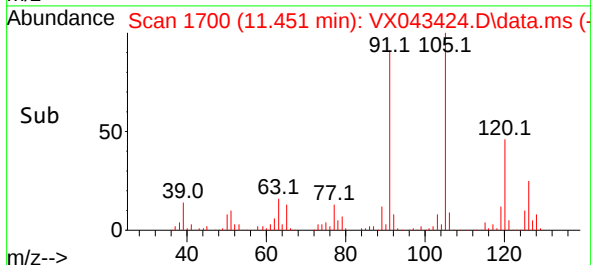
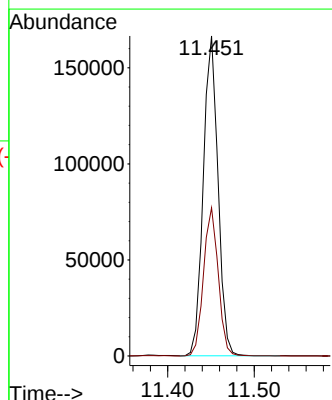
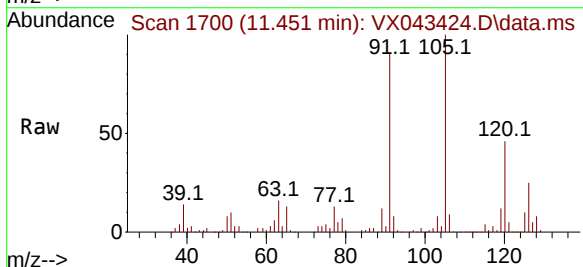
Instrument :  
MSVOA\_X  
ClientSampleId :

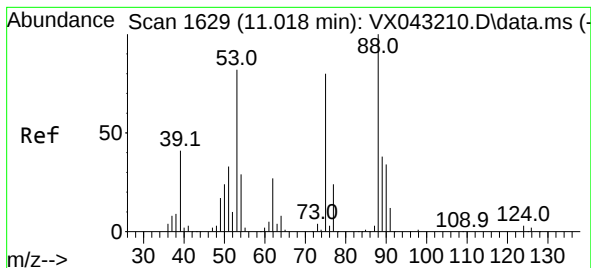
Tgt Ion: 91 Resp: 166468  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 47.772 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 105 Resp: 196599  
Ion Ratio Lower Upper  
105 100  
120 46.4 23.9 71.8

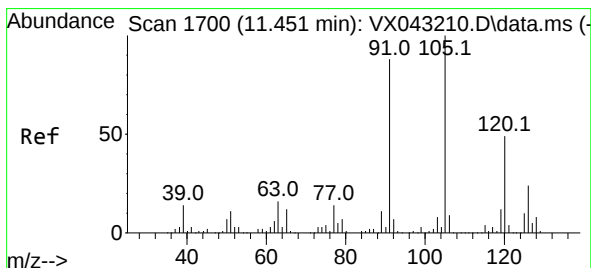
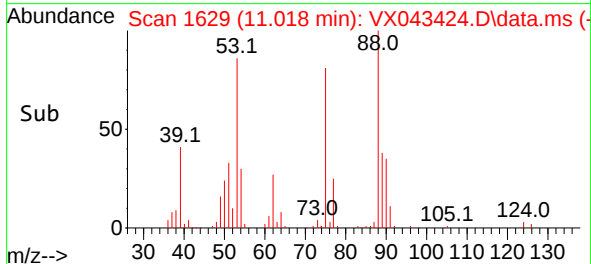
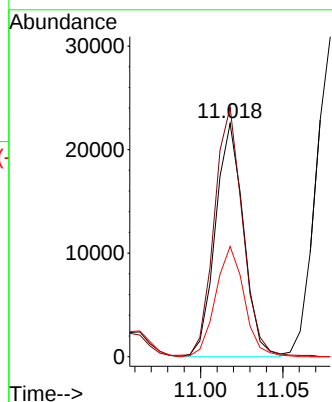
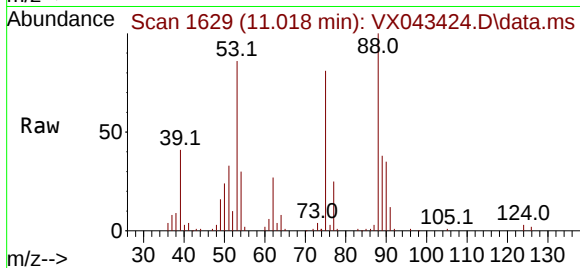




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.775 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

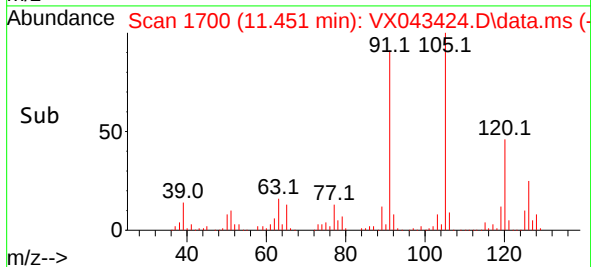
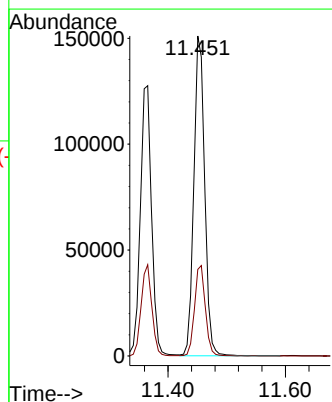
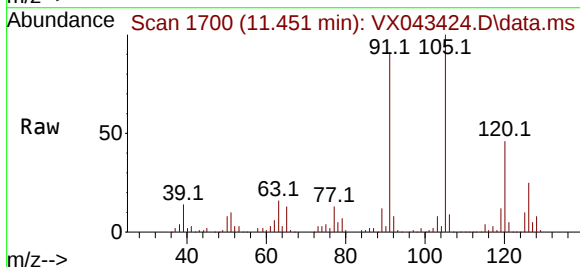
Instrument :  
MSVOA\_X  
ClientSampleId :

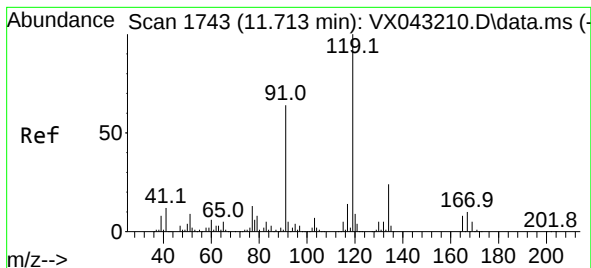
Tgt Ion: 75 Resp: 26787  
Ion Ratio Lower Upper  
75 100  
53 108.4 83.9 125.9  
89 47.9 38.6 58.0



#82  
4-Chlorotoluene  
Concen: 48.354 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 91 Resp: 193947  
Ion Ratio Lower Upper  
91 100  
126 28.2 14.1 42.3





#83

tert-Butylbenzene

Concen: 46.769 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

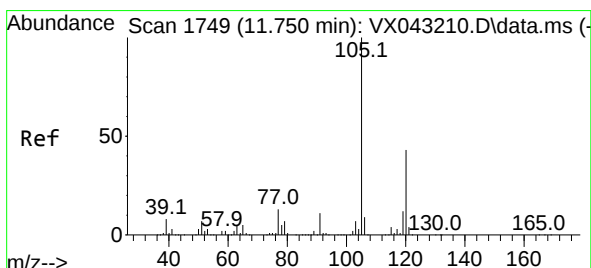
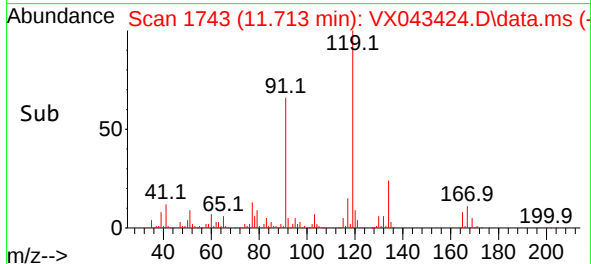
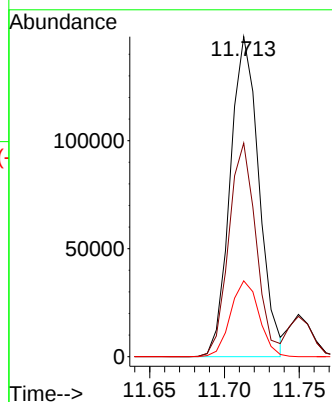
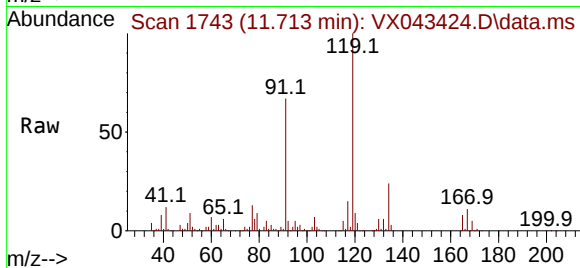
Tgt Ion:119 Resp: 198293

Ion Ratio Lower Upper

119 100

91 63.7 31.0 93.0

134 23.4 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 48.579 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043424.D

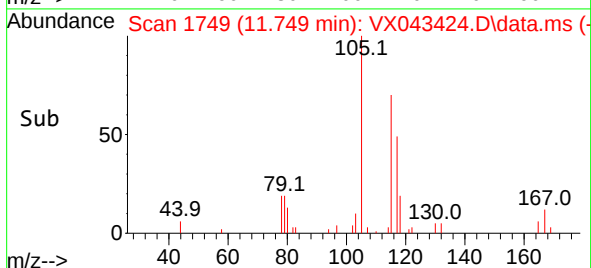
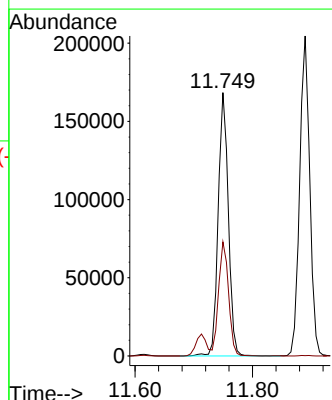
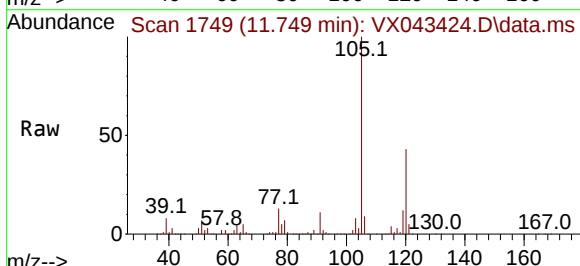
Acq: 18 Oct 2024 10:40

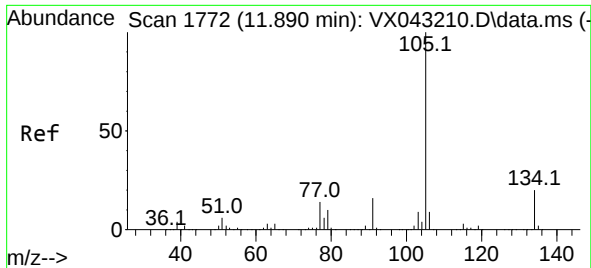
Tgt Ion:105 Resp: 201152

Ion Ratio Lower Upper

105 100

120 42.5 21.2 63.6

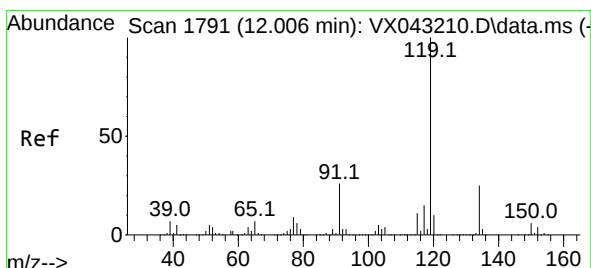
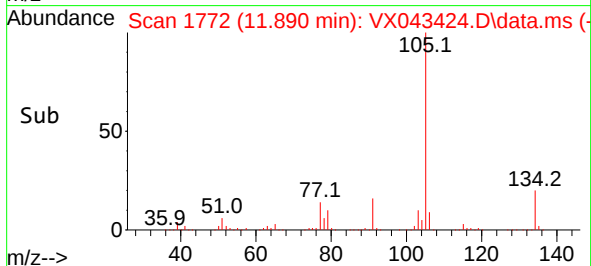
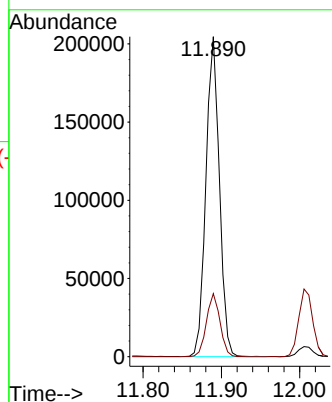
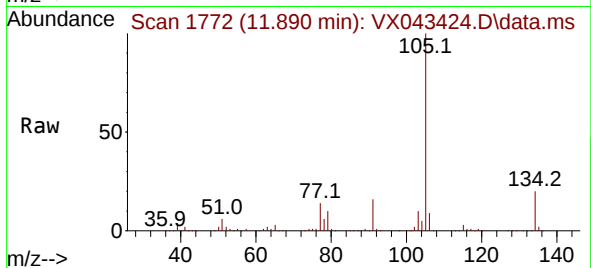




#85  
sec-Butylbenzene  
Concen: 48.523 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

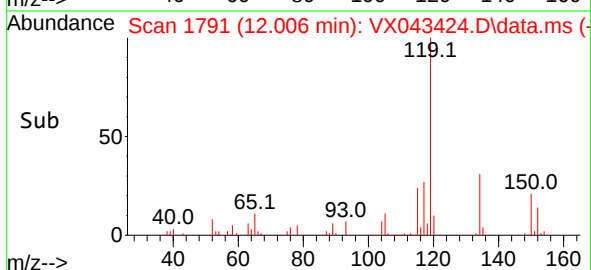
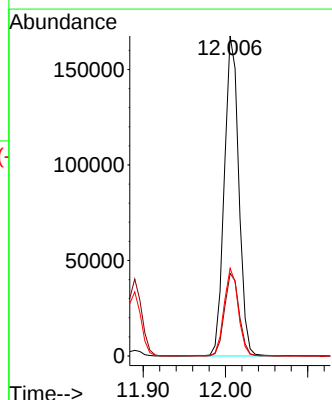
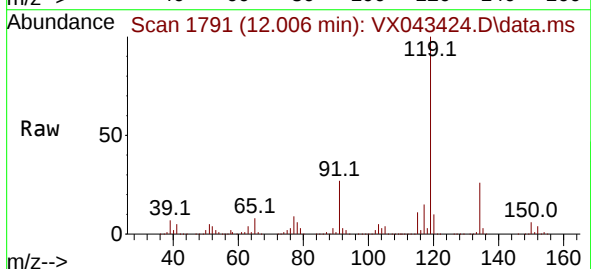
Instrument :  
MSVOA\_X  
ClientSampleId :

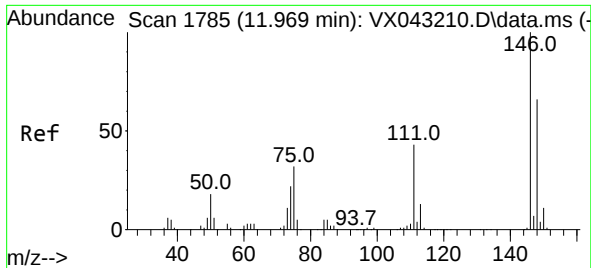
Tgt Ion:105 Resp: 243881  
Ion Ratio Lower Upper  
105 100  
134 19.8 10.1 30.1



#86  
p-Isopropyltoluene  
Concen: 48.797 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion:119 Resp: 204620  
Ion Ratio Lower Upper  
119 100  
134 26.2 13.0 38.9  
91 26.9 13.0 39.0

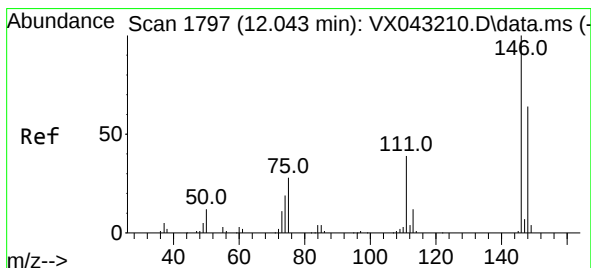
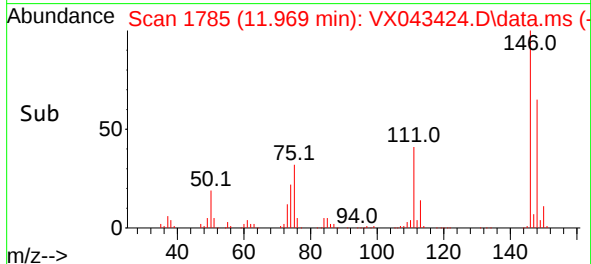
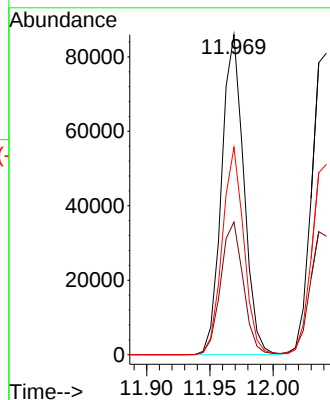
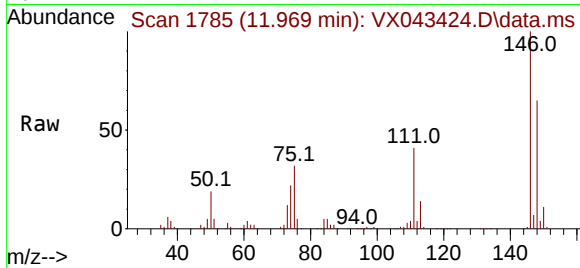




#87  
1,3-Dichlorobenzene  
Concen: 48.928 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

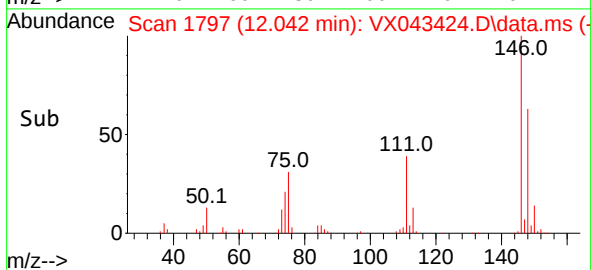
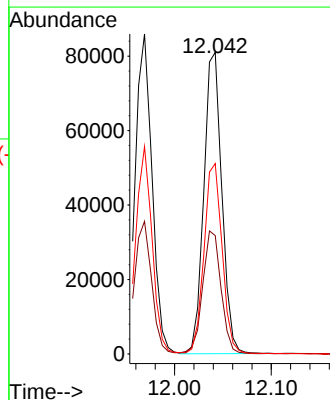
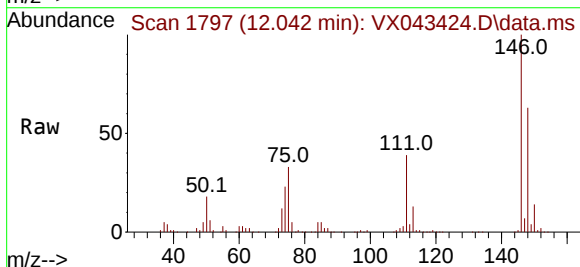
Instrument :  
MSVOA\_X  
ClientSampleId :

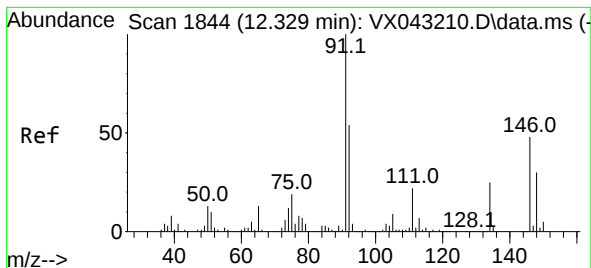
Tgt Ion:146 Resp: 104640  
Ion Ratio Lower Upper  
146 100  
111 42.4 21.8 65.3  
148 63.0 32.4 97.2



#88  
1,4-Dichlorobenzene  
Concen: 47.614 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion:146 Resp: 104985  
Ion Ratio Lower Upper  
146 100  
111 41.5 20.8 62.5  
148 63.7 32.4 97.0





#89

n-Butylbenzene

Concen: 51.330 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

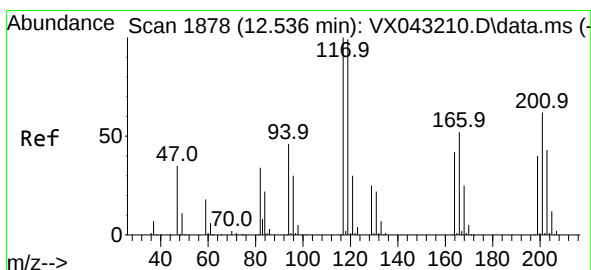
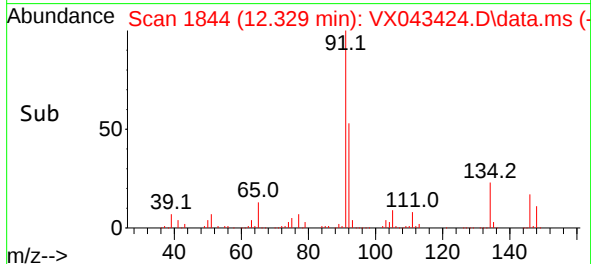
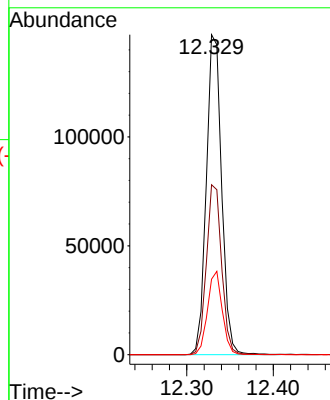
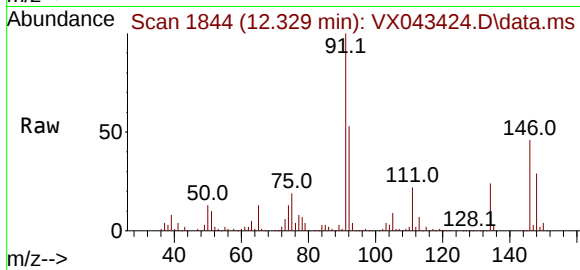
Tgt Ion: 91 Resp: 180199

Ion Ratio Lower Upper

91 100

92 53.1 27.0 81.0

134 25.1 12.9 38.6



#90

Hexachloroethane

Concen: 46.983 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX043424.D

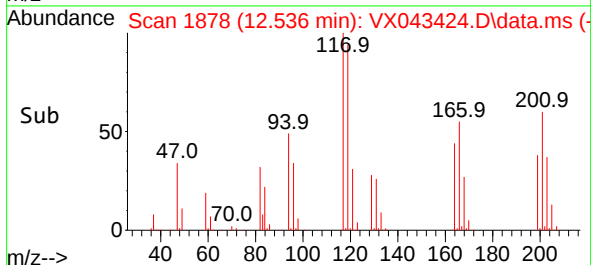
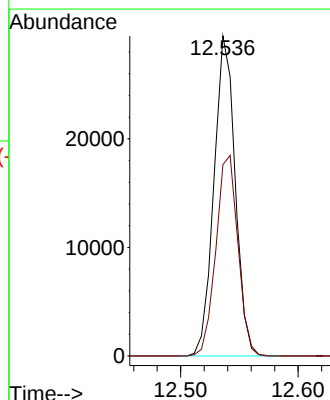
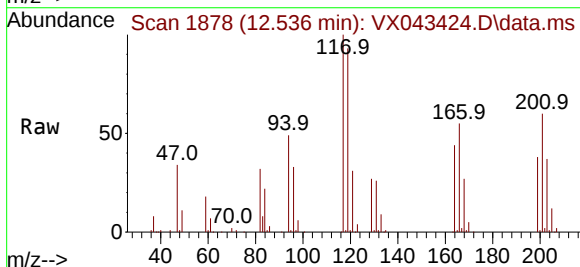
Acq: 18 Oct 2024 10:40

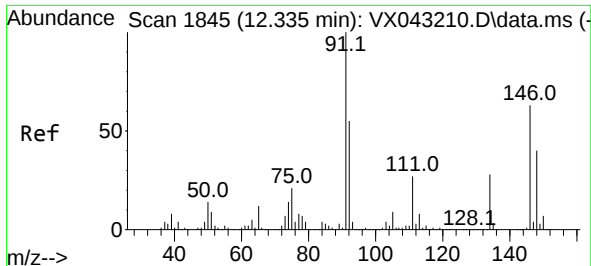
Tgt Ion: 117 Resp: 36949

Ion Ratio Lower Upper

117 100

201 65.3 34.0 101.8

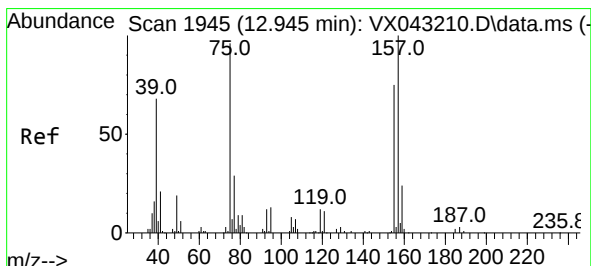
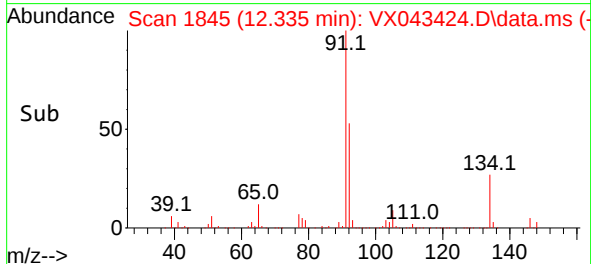
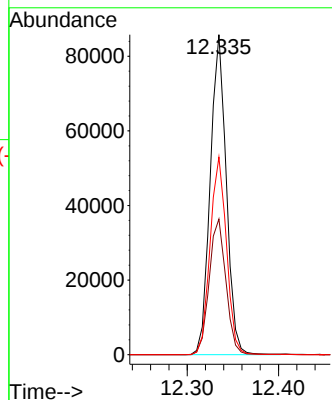
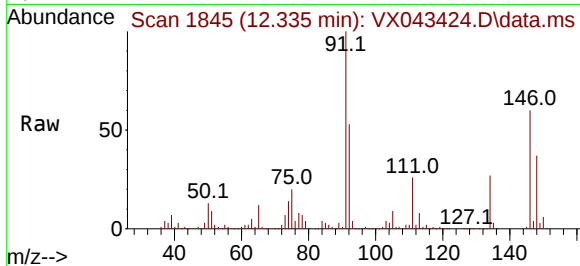




#91  
1,2-Dichlorobenzene  
Concen: 47.713 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

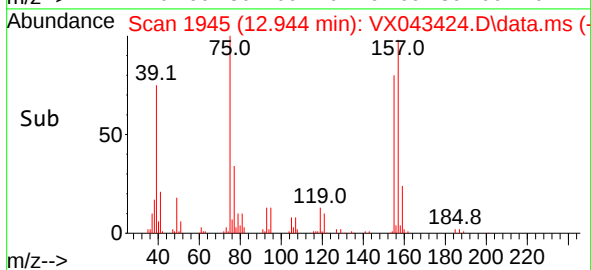
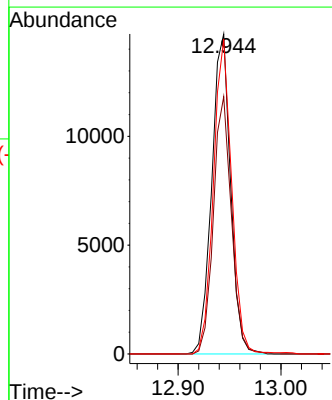
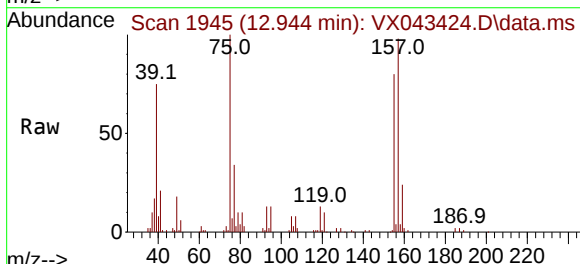
Instrument :  
MSVOA\_X  
ClientSampleId :

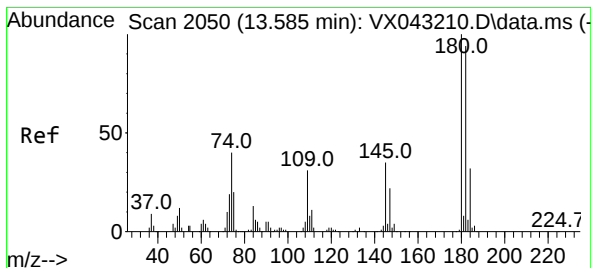
Tgt Ion:146 Resp: 104356  
Ion Ratio Lower Upper  
146 100  
111 44.3 21.9 65.5  
148 63.2 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.003 ug/l  
RT: 12.944 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX043424.D  
Acq: 18 Oct 2024 10:40

Tgt Ion: 75 Resp: 18651  
Ion Ratio Lower Upper  
75 100  
155 76.8 38.8 116.4  
157 95.6 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 50.691 ug/l

RT: 13.584 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043424.D

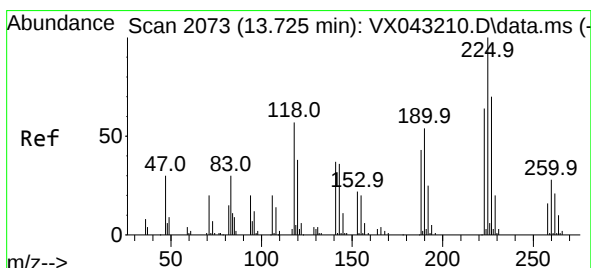
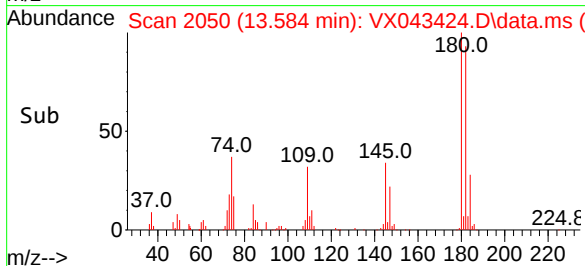
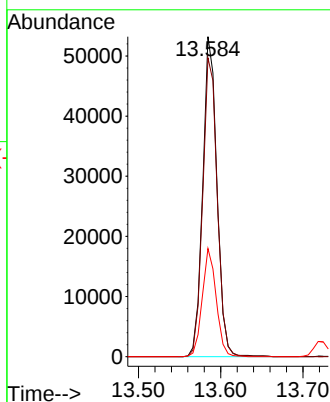
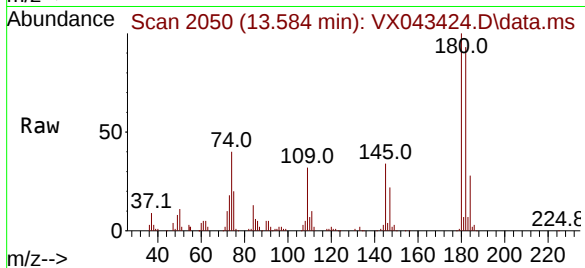
Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 63916      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.5  | 47.1 141.3 |
| 145         | 33.2  | 16.6 49.8  |



#94

Hexachlorobutadiene

Concen: 50.585 ug/l

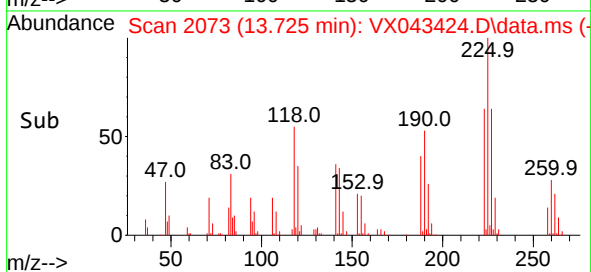
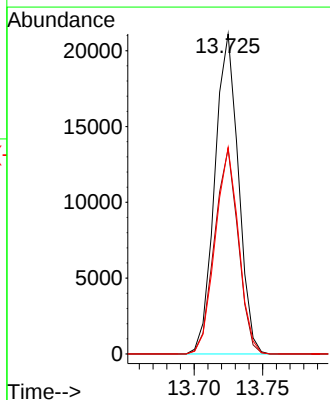
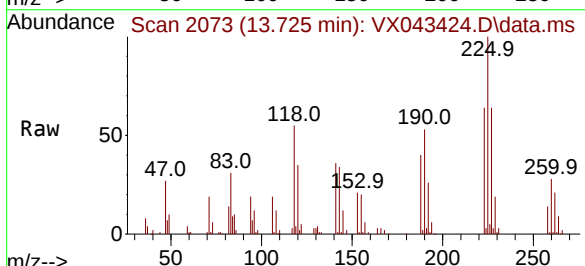
RT: 13.725 min Scan# 2073

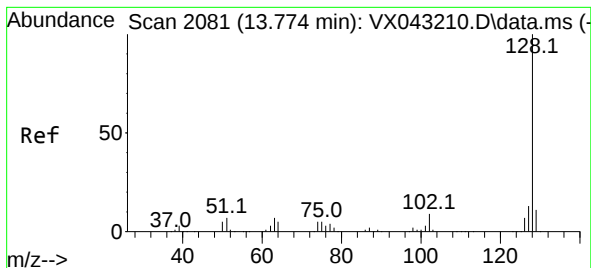
Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 25285     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.1  | 30.8 92.4 |
| 227         | 64.0  | 32.2 96.6 |





#95

Naphthalene

Concen: 48.131 ug/l

RT: 13.773 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Instrument :

MSVOA\_X

ClientSampleId :

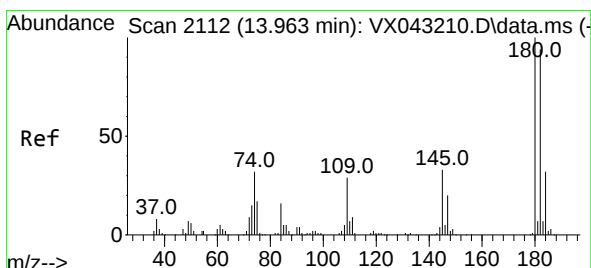
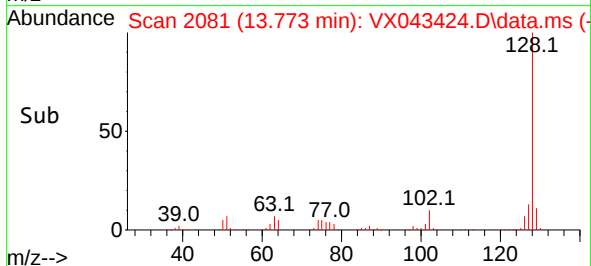
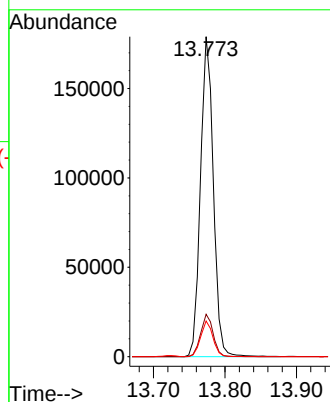
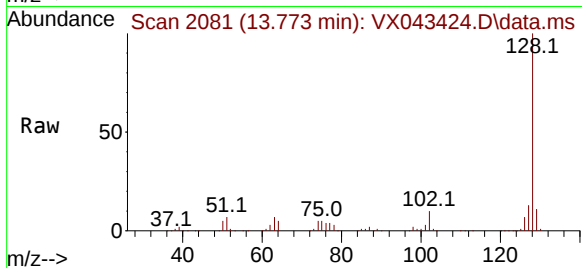
Tgt Ion:128 Resp: 223102

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.531 ug/l

RT: 13.962 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043424.D

Acq: 18 Oct 2024 10:40

Tgt Ion:180 Resp: 64438

Ion Ratio Lower Upper

180 100

182 94.2 46.5 139.3

145 35.7 17.2 51.6

