

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051523\  
 Data File : VX035655.D  
 Acq On : 15 May 2023 11:07  
 Operator : JC/MD  
 Sample : VX0515WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0515WBS01

Quant Time: May 16 04:55:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 11 13:57:54 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 220866   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 405120   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 362552   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 166466   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 201577   | 52.316   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 104.640% |          |
| 35) Dibromofluoromethane     | 5.385  | 113   | 139516   | 51.065   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 102.140% |          |
| 50) Toluene-d8               | 8.647  | 98    | 497768   | 49.318   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 98.640%  |          |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 201940   | 49.691   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 99.380%  |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 44592    | 15.492   | ug/l       | 94       |
| 3) Chloromethane             | 1.294  | 50    | 54356    | 15.561   | ug/l       | 100      |
| 4) Vinyl Chloride            | 1.374  | 62    | 49400    | 16.664   | ug/l       | 99       |
| 5) Bromomethane              | 1.617  | 94    | 31586    | 19.673   | ug/l       | 95       |
| 6) Chloroethane              | 1.691  | 64    | 32626    | 18.141   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 68859    | 15.797   | ug/l       | 97       |
| 8) Diethyl Ether             | 2.136  | 74    | 32318    | 19.256   | ug/l       | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 40768    | 15.753   | ug/l       | 94       |
| 10) Methyl Iodide            | 2.453  | 142   | 43547    | 18.814   | ug/l       | 90       |
| 11) Tert butyl alcohol       | 3.032  | 59    | 24113    | 35.471   | ug/l       | # 90     |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 41032    | 16.682   | ug/l       | 97       |
| 13) Acrolein                 | 2.245  | 56    | 88773    | 110.028  | ug/l       | 100      |
| 14) Allyl chloride           | 2.666  | 41    | 92069    | 17.473   | ug/l       | 93       |
| 15) Acrylonitrile            | 3.074  | 53    | 141448   | 94.493   | ug/l       | 97       |
| 16) Acetone                  | 2.398  | 43    | 157459   | 95.081   | ug/l       | 92       |
| 17) Carbon Disulfide         | 2.514  | 76    | 92259    | 15.542   | ug/l       | 99       |
| 18) Methyl Acetate           | 2.709  | 43    | 117988   | 19.319   | ug/l       | 98       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 184225   | 18.822   | ug/l       | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 54135    | 18.037   | ug/l       | 94       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 47264    | 17.537   | ug/l       | 92       |
| 22) Diisopropyl ether        | 3.757  | 45    | 192427   | 18.651   | ug/l       | 100      |
| 23) Vinyl Acetate            | 3.721  | 43    | 689426   | 94.442   | ug/l       | 97       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 100768   | 18.262   | ug/l       | 96       |
| 25) 2-Butanone               | 4.568  | 43    | 215846   | 94.154   | ug/l       | 98       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 82833    | 17.727   | ug/l       | 97       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 58771    | 18.140   | ug/l       | 95       |
| 28) Bromochloromethane       | 4.897  | 49    | 53902    | 21.718   | ug/l       | 94       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 134819   | 93.565   | ug/l       | 99       |
| 30) Chloroform               | 5.092  | 83    | 104627   | 18.504   | ug/l       | 99       |
| 31) Cyclohexane              | 5.470  | 56    | 76365    | 15.687   | ug/l       | 98       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 85613    | 17.403   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 72122    | 16.724   | ug/l       | 96       |
| 37) Ethyl Acetate            | 4.714  | 43    | 81368    | 18.089   | ug/l       | 99       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 66652    | 16.315   | ug/l       | 99       |
| 39) Methylcyclohexane        | 7.379  | 83    | 74665    | 14.708   | ug/l       | 93       |
| 40) Benzene                  | 6.037  | 78    | 213428   | 17.691   | ug/l       | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051523\  
 Data File : VX035655.D  
 Acq On : 15 May 2023 11:07  
 Operator : JC/MD  
 Sample : VX0515WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0515WBS01

Quant Time: May 16 04:55:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 11 13:57:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 47489    | 17.781  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 93341    | 17.986  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 139427   | 17.776  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 51299    | 16.770  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 57857    | 18.107  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 39432    | 18.029  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.818  | 83   | 73994    | 17.503  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.689  | 41   | 69032    | 17.833  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.738  | 88   | 27311    | 329.063 | ug/l # | 77       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 422451   | 93.487  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 132669   | 17.421  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 81829    | 17.817  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 87664    | 17.815  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 54990    | 18.384  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 86906    | 17.941  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 97804    | 18.037  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 248344   | 100.783 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 321031   | 94.335  | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.518  | 129  | 50563    | 17.734  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 56846    | 18.038  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 40109    | 16.432  | ug/l   | 92       |
| 65) Chlorobenzene             | 10.079 | 112  | 136800   | 17.286  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 50315    | 17.980  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 258121   | 17.342  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 188034   | 34.177  | ug/l   | 93       |
| 69) o-Xylene                  | 10.640 | 106  | 93150    | 17.062  | ug/l   | 92       |
| 70) Styrene                   | 10.652 | 104  | 153479   | 17.443  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 30434    | 16.529  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 241823   | 17.239  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 114931   | 17.573  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 82389    | 18.106  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 89645    | 22.016  | ug/l   | 84       |
| 77) Bromobenzene              | 11.195 | 156  | 54179    | 17.017  | ug/l   | 89       |
| 78) n-propylbenzene           | 11.305 | 91   | 282372   | 17.125  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 178711   | 17.311  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 205947   | 17.274  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 20796    | 16.460  | ug/l # | 79       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 207224   | 17.429  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 197794   | 17.068  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 208956   | 17.455  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 238411   | 16.385  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 199815   | 16.704  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 102691   | 16.979  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 108149   | 17.708  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 171547   | 15.764  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 29429    | 16.231  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 103341   | 17.448  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 17917    | 17.682  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 58537    | 16.414  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 21185    | 14.967  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 216885   | 17.759  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 59935    | 17.089  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051523\  
Data File : VX035655.D  
Acq On : 15 May 2023 11:07  
Operator : JC/MD  
Sample : VX0515WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

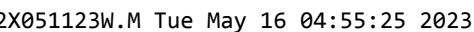
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

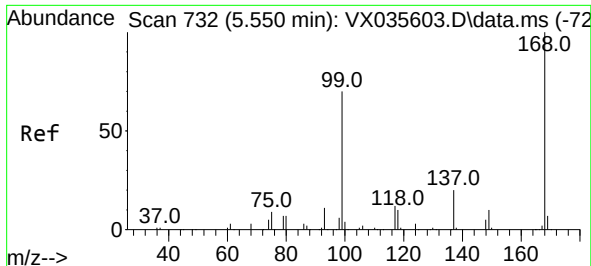
Quant Time: May 16 04:55:13 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 11 13:57:54 2023  
Response via : Initial Calibration

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

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

Quant Time: May 16 04:55:13 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 11 13:57:54 2023  
Response via : Initial Calibration

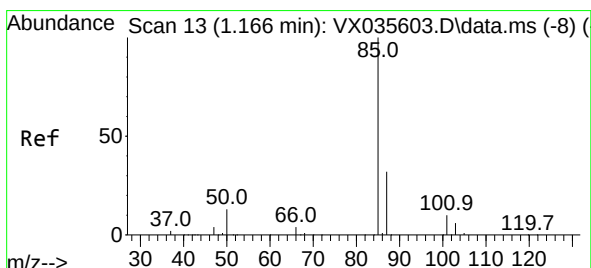
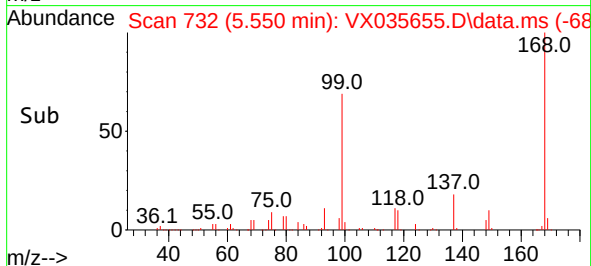
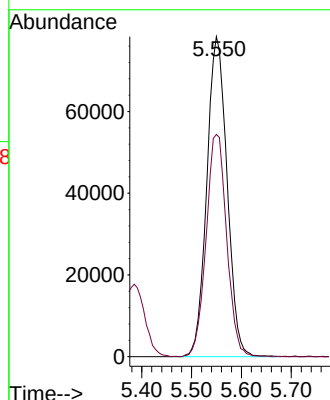
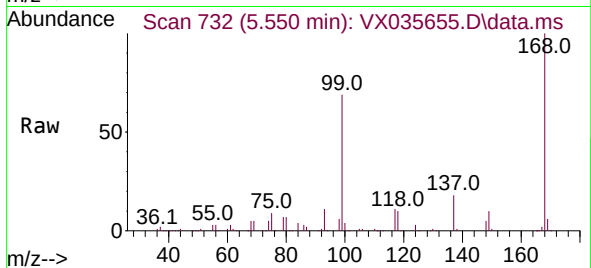




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

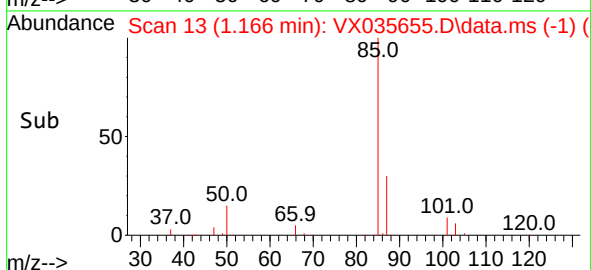
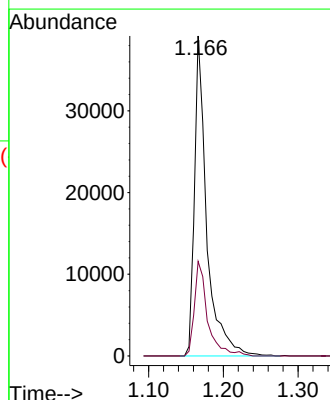
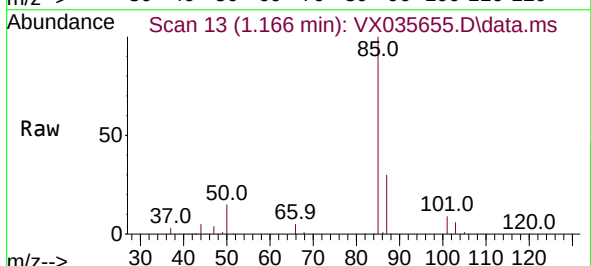
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

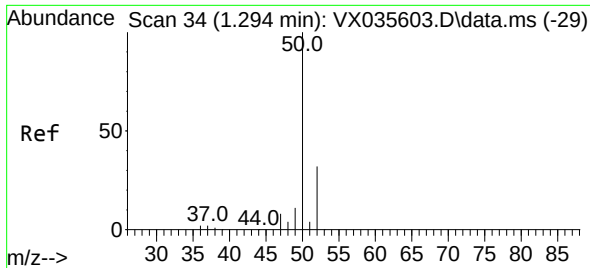
Tgt Ion:168 Resp: 220866  
Ion Ratio Lower Upper  
168 100  
99 69.4 45.7 68.5#



#2  
Dichlorodifluoromethane  
Concen: 15.492 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 85 Resp: 44592  
Ion Ratio Lower Upper  
85 100  
87 29.6 16.4 49.1

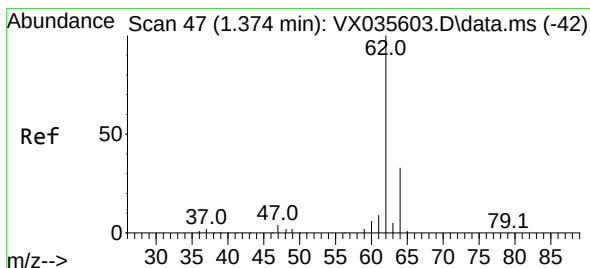
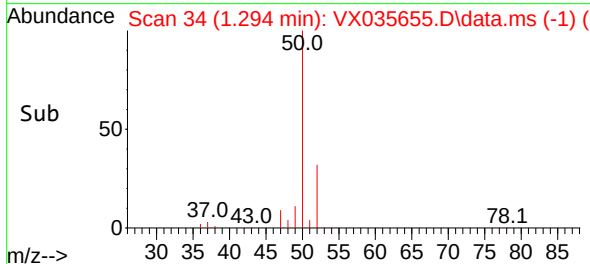
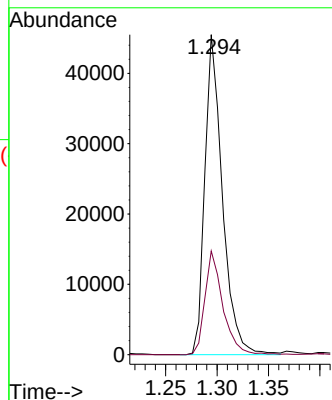
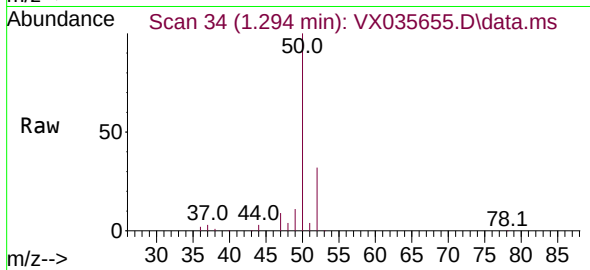




#3  
Chloromethane  
Concen: 15.561 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

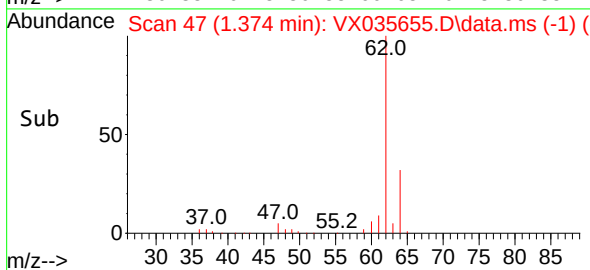
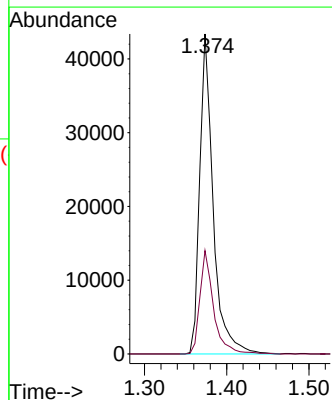
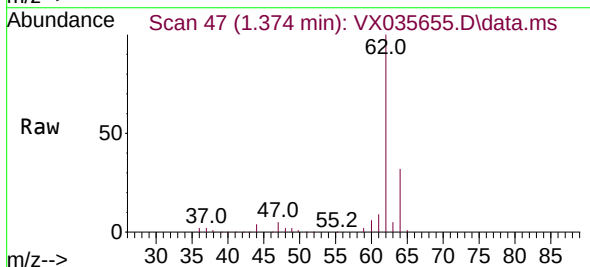
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

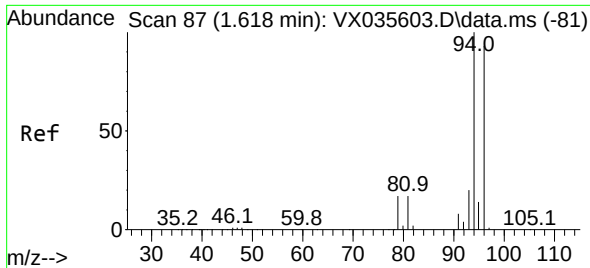
Tgt Ion: 50 Resp: 54356  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.9 38.9



#4  
Vinyl Chloride  
Concen: 16.664 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 62 Resp: 49400  
Ion Ratio Lower Upper  
62 100  
64 32.3 26.4 39.6

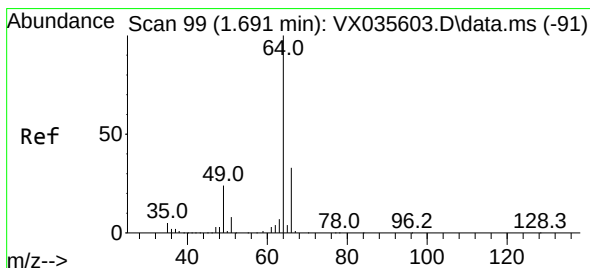
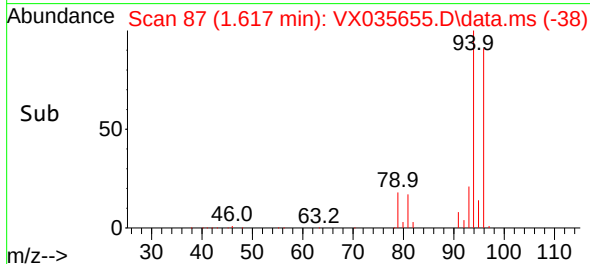
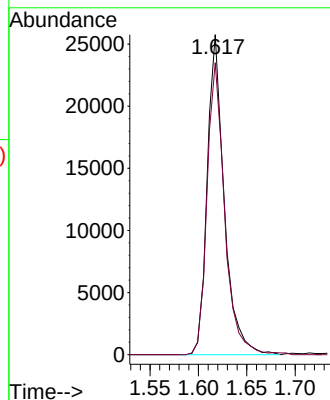
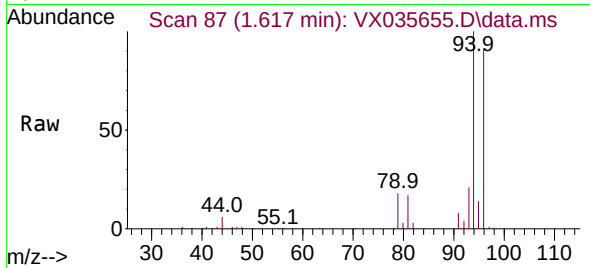




#5  
Bromomethane  
Concen: 19.673 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

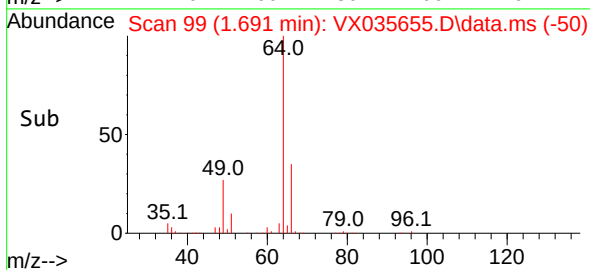
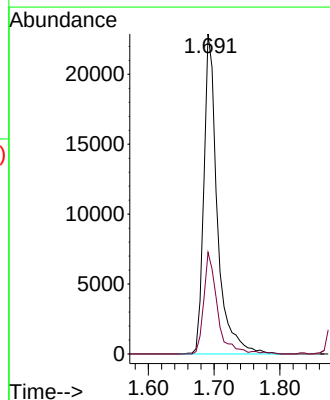
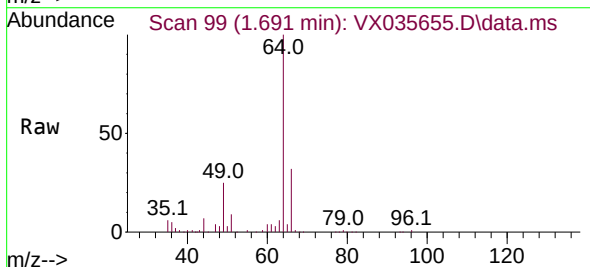
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

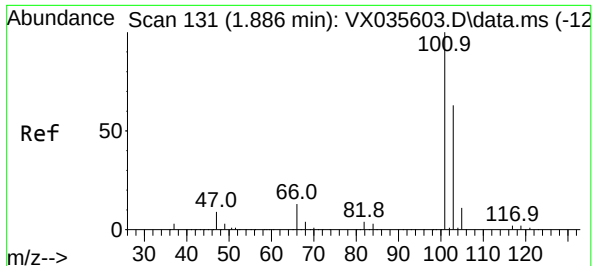
Tgt Ion: 94 Resp: 31586  
Ion Ratio Lower Upper  
94 100  
96 91.2 77.0 115.6



#6  
Chloroethane  
Concen: 18.141 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 64 Resp: 32626  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.2 39.4

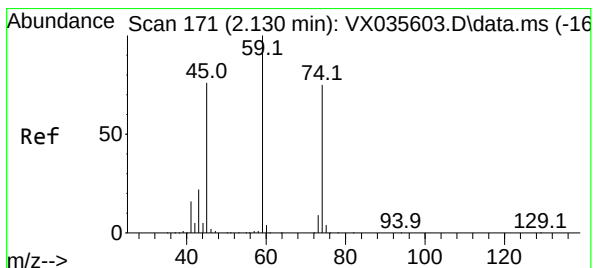
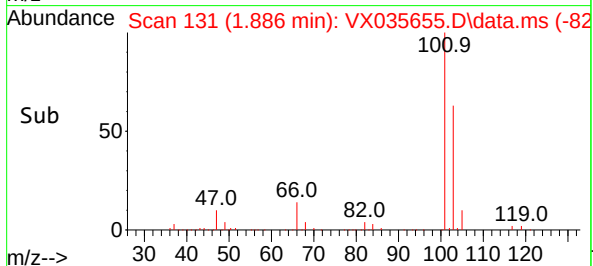
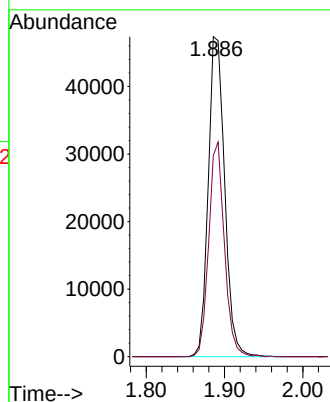
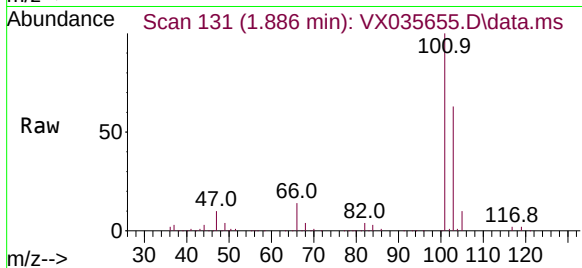




#7  
Trichlorofluoromethane  
Concen: 15.797 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

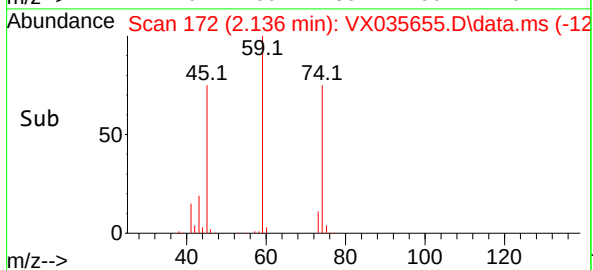
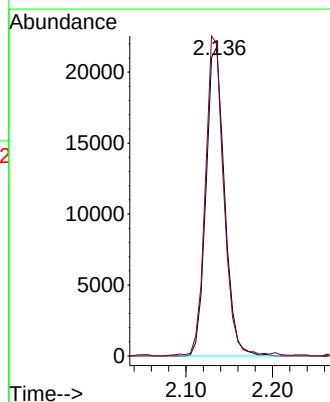
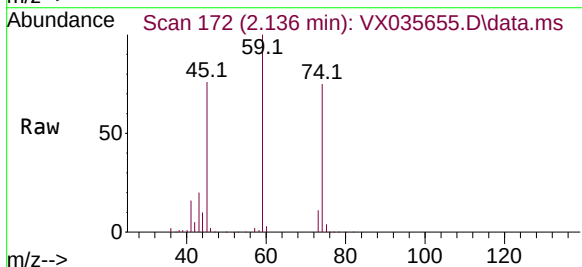
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

Tgt Ion:101 Resp: 68859  
Ion Ratio Lower Upper  
101 100  
103 62.8 52.0 78.0

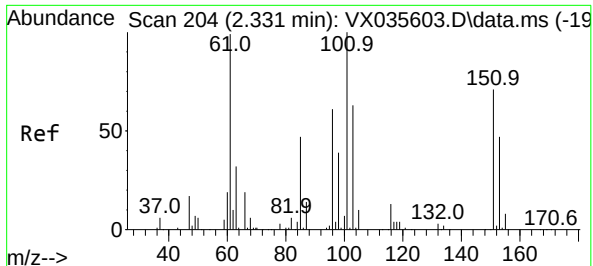


#8  
Diethyl Ether  
Concen: 19.256 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 74 Resp: 32318  
Ion Ratio Lower Upper  
74 100  
45 103.6 49.8 149.3



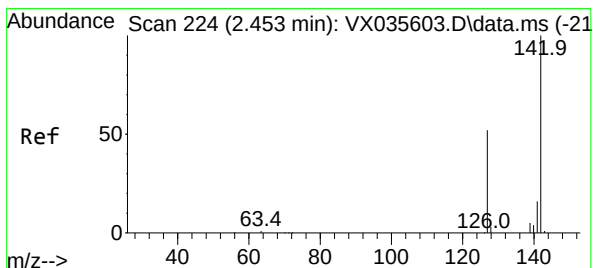
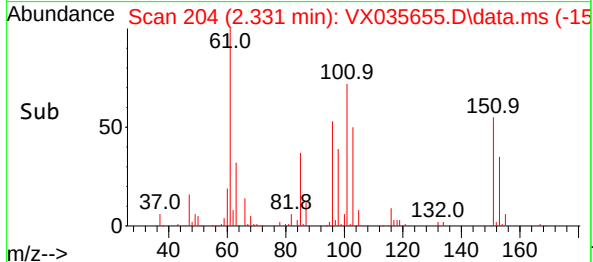
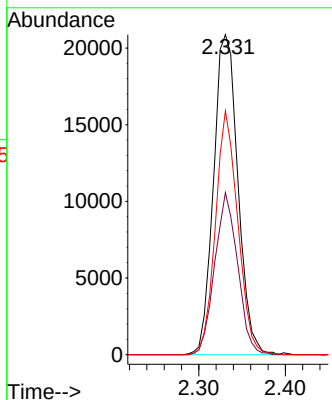
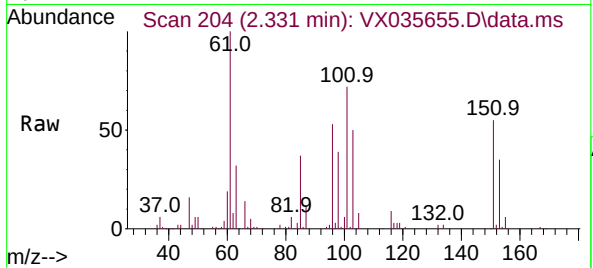




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 15.753 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

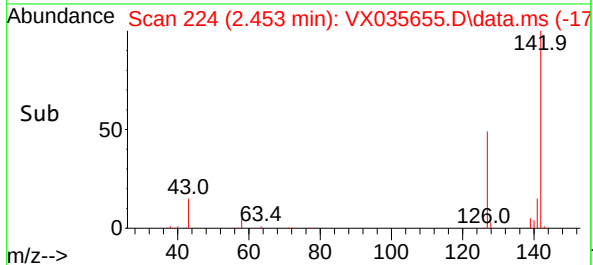
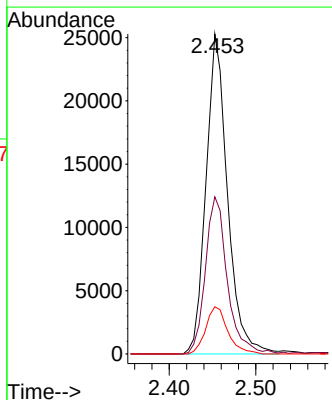
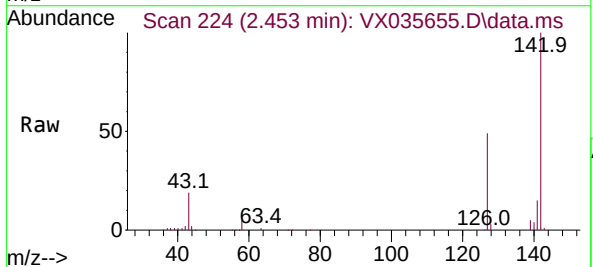
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

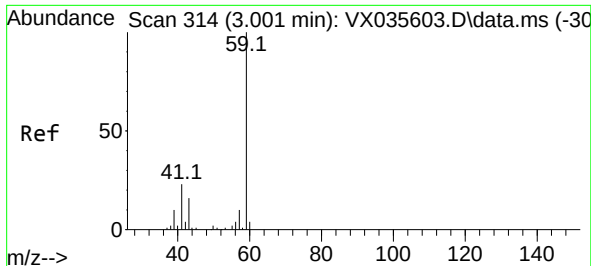
Tgt Ion:101 Resp: 40768  
Ion Ratio Lower Upper  
101 100  
85 47.6 35.4 53.2  
151 69.9 60.2 90.4



#10  
Methyl Iodide  
Concen: 18.814 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion:142 Resp: 43547  
Ion Ratio Lower Upper  
142 100  
127 50.4 34.0 51.0  
141 15.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 35.471 ug/l

RT: 3.032 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

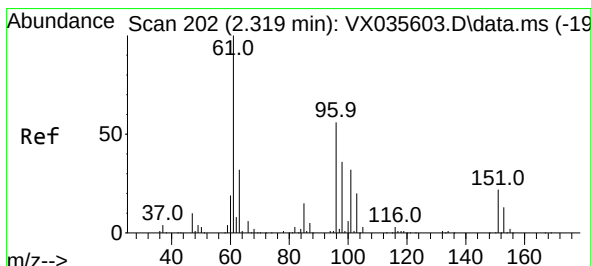
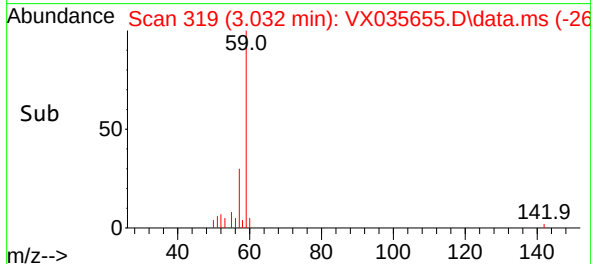
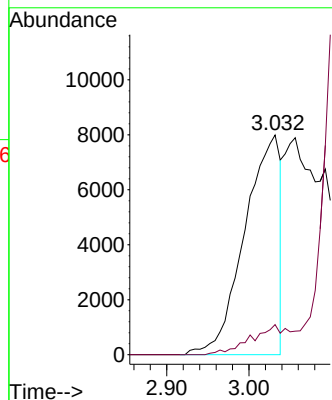
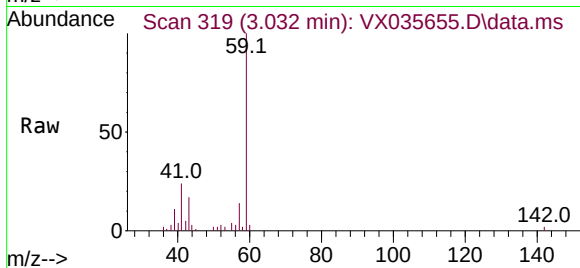
VX0515WBS01

Tgt Ion: 59 Resp: 24113

Ion Ratio Lower Upper

59 100

57 13.8 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 16.682 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

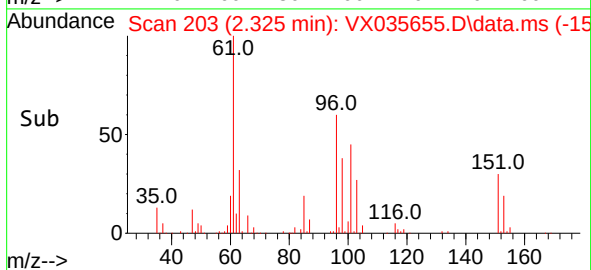
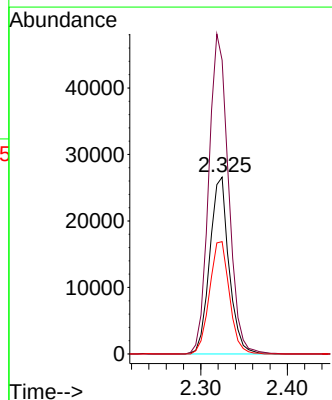
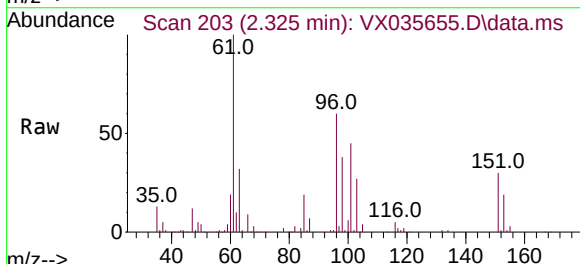
Tgt Ion: 96 Resp: 41032

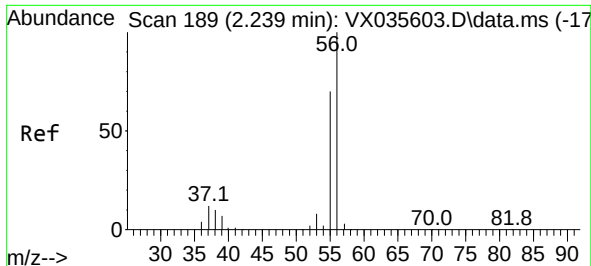
Ion Ratio Lower Upper

96 100

61 166.3 128.8 193.2

98 63.5 51.4 77.0

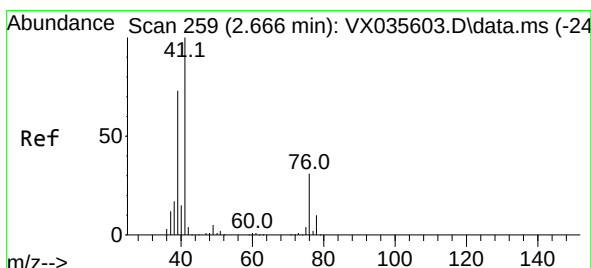
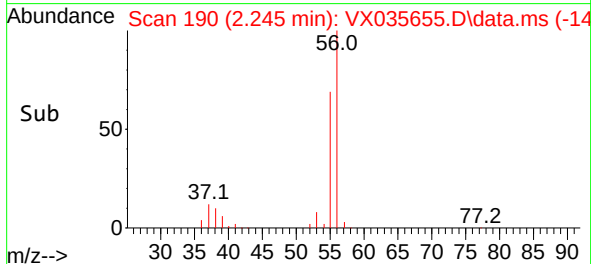
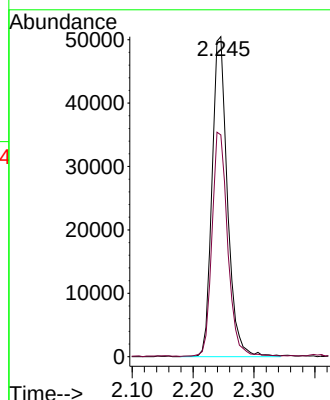
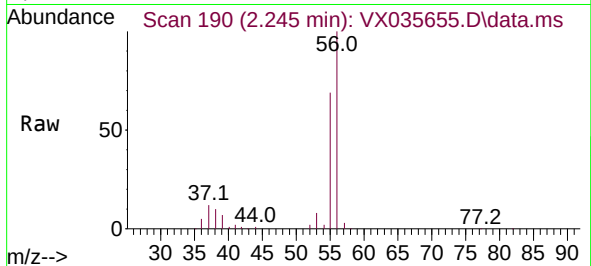




#13  
Acrolein  
Concen: 110.028 ug/l  
RT: 2.245 min Scan# 189  
Delta R.T. 0.006 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

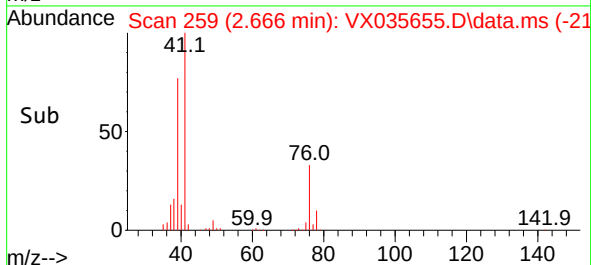
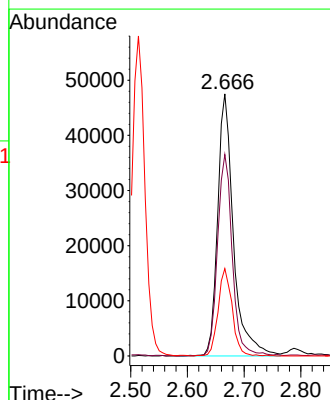
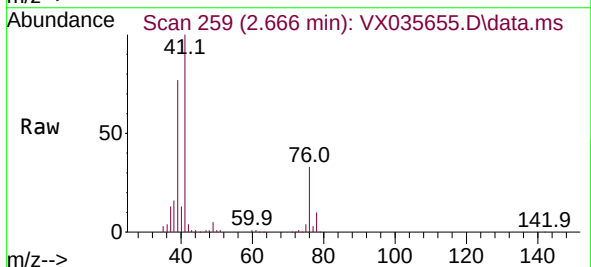
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

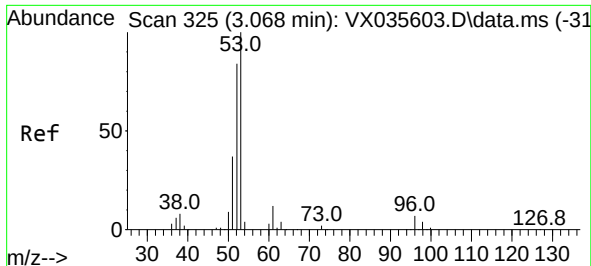
Tgt Ion: 56 Resp: 88773  
Ion Ratio Lower Upper  
56 100  
55 70.9 56.6 85.0



#14  
Allyl chloride  
Concen: 17.473 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 41 Resp: 92069  
Ion Ratio Lower Upper  
41 100  
39 71.7 52.4 78.6  
76 29.6 26.0 39.0

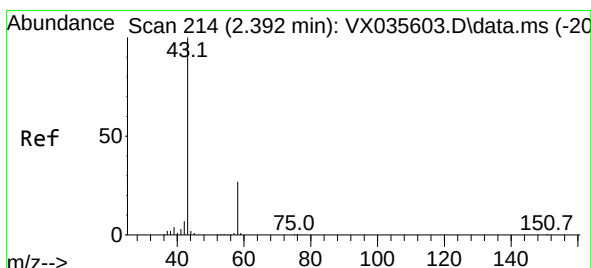
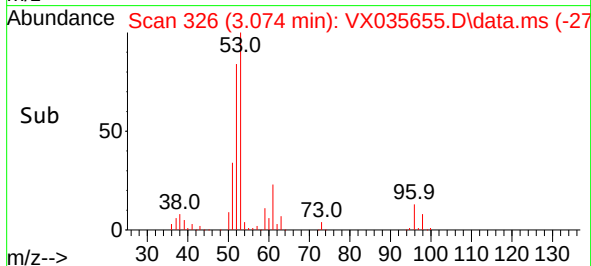
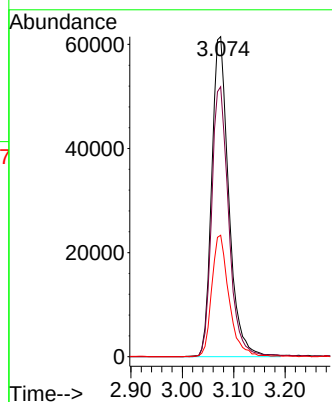
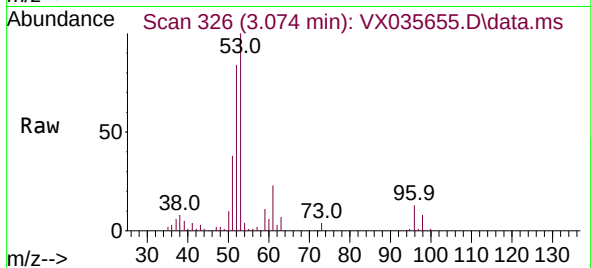




#15  
Acrylonitrile  
Concen: 94.493 ug/l  
RT: 3.074 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

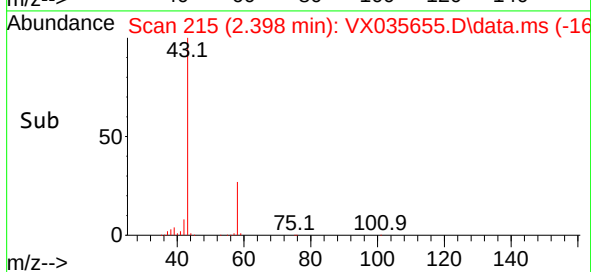
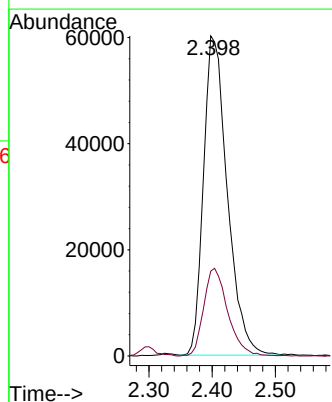
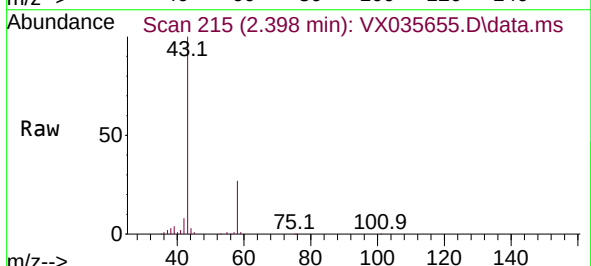
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

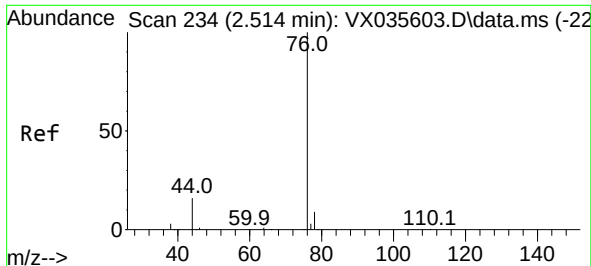
Tgt Ion: 53 Resp: 141448  
Ion Ratio Lower Upper  
53 100  
52 84.2 66.2 99.2  
51 38.6 28.3 42.5



#16  
Acetone  
Concen: 95.081 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. 0.006 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 43 Resp: 157459  
Ion Ratio Lower Upper  
43 100  
58 26.6 24.7 37.1

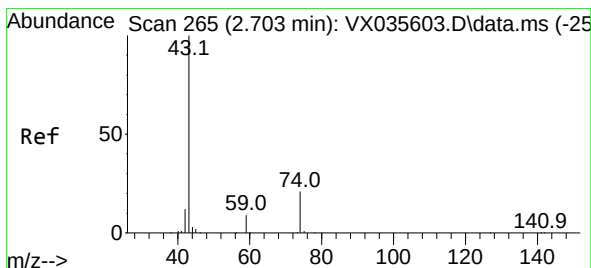
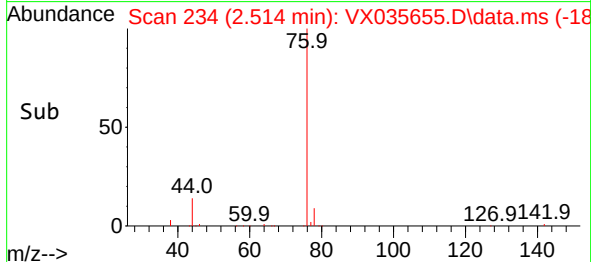
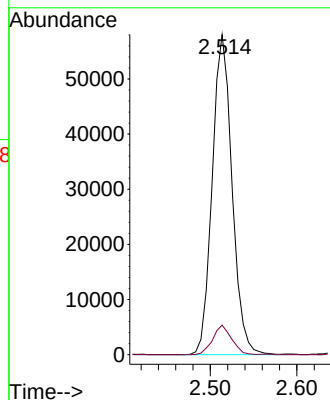
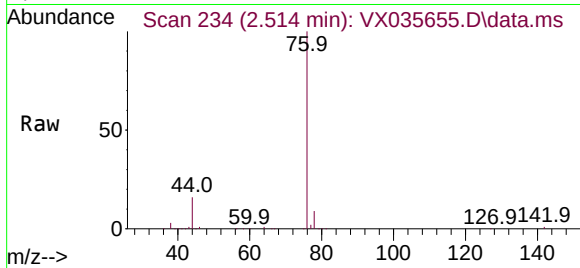




#17  
Carbon Disulfide  
Concen: 15.542 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

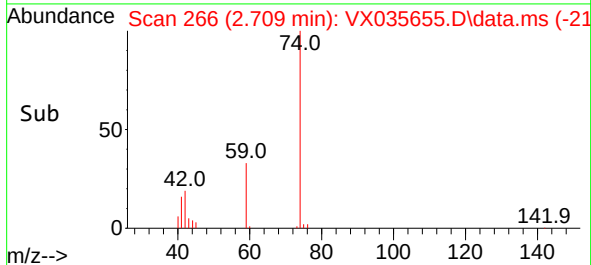
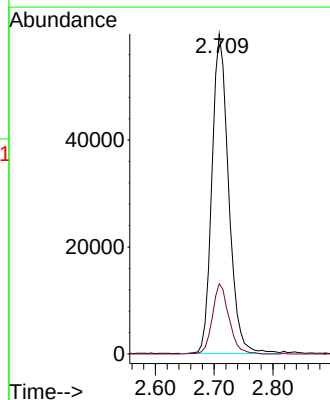
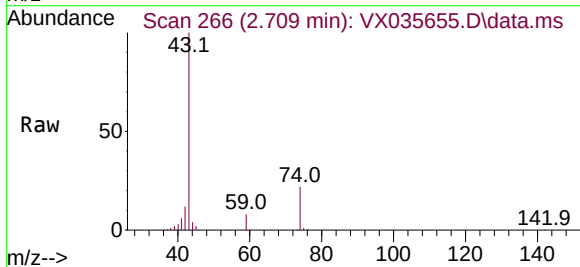
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

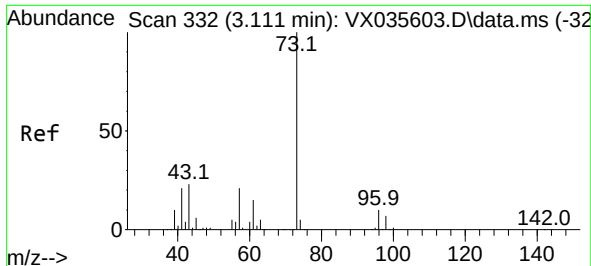
Tgt Ion: 76 Resp: 92259  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.319 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 43 Resp: 117988  
Ion Ratio Lower Upper  
43 100  
74 21.8 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 18.822 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

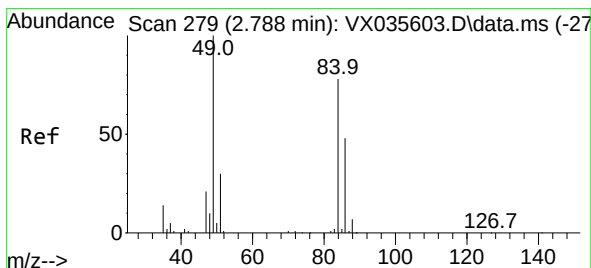
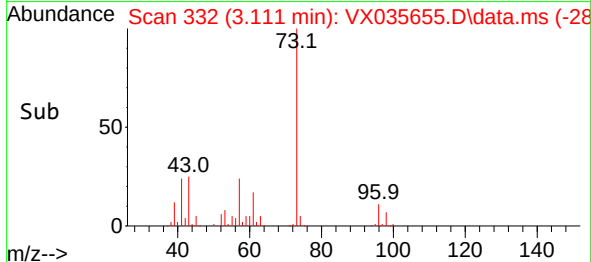
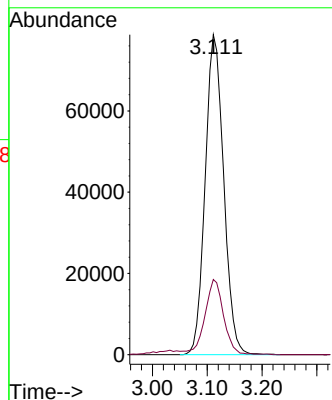
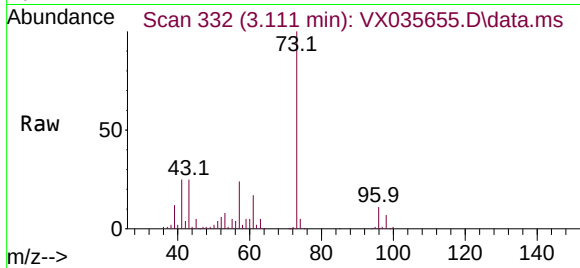
VX0515WBS01

Tgt Ion: 73 Resp: 184225

Ion Ratio Lower Upper

73 100

57 23.5 18.5 27.7



#20

Methylene Chloride

Concen: 18.037 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Tgt Ion: 84 Resp: 54135

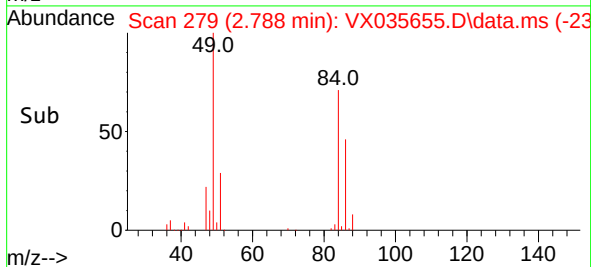
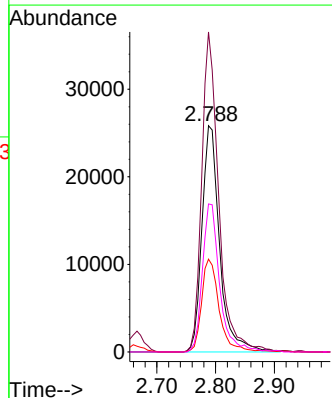
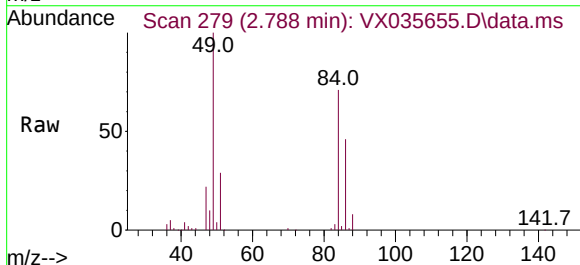
Ion Ratio Lower Upper

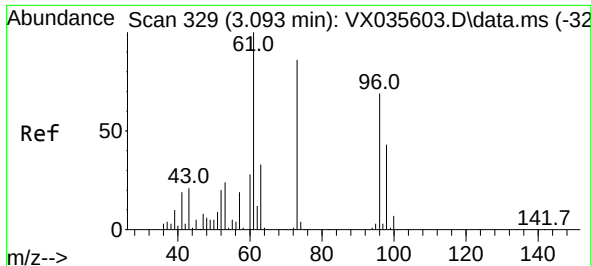
84 100

49 141.5 103.8 155.8

51 41.0 31.8 47.8

86 65.4 51.4 77.2

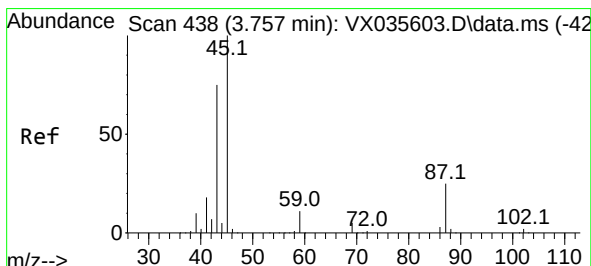
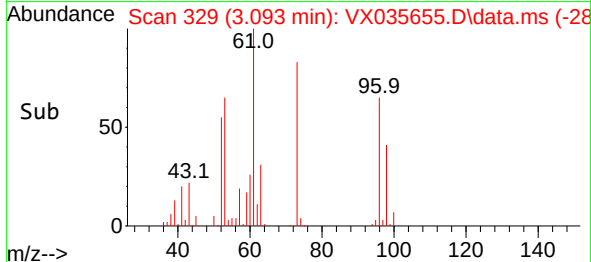
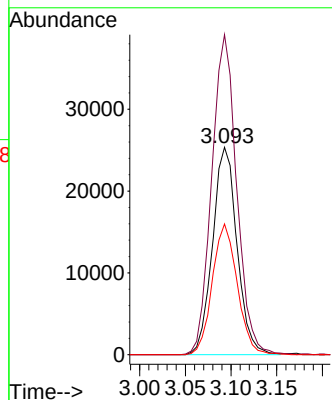
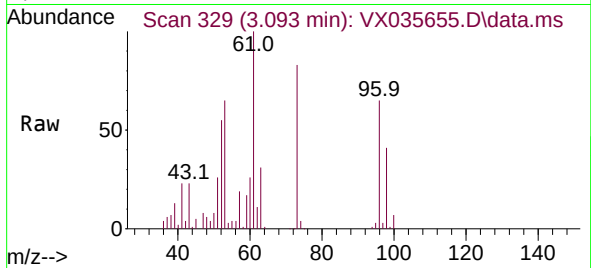




#21  
trans-1,2-Dichloroethene  
Concen: 17.537 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

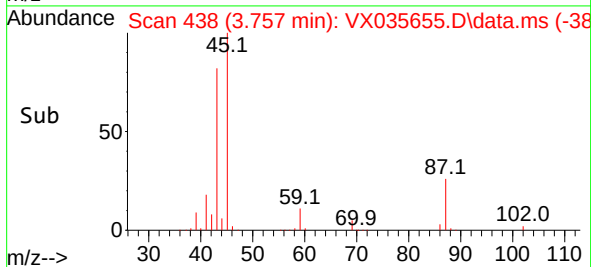
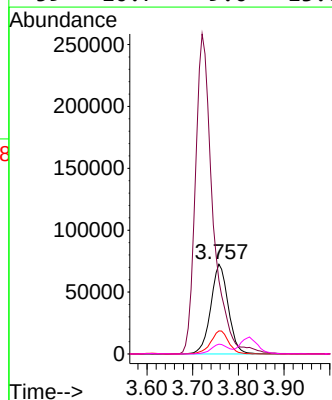
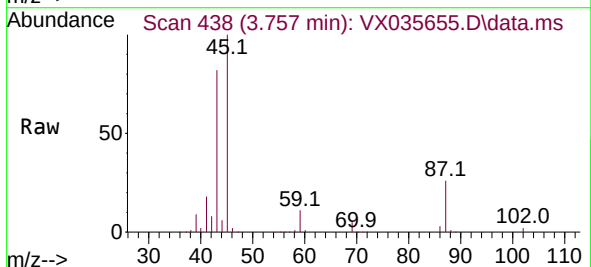
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

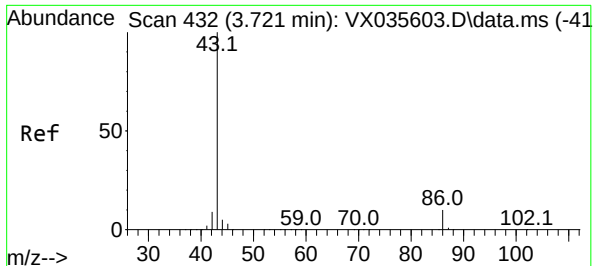
Tgt Ion: 96 Resp: 47264  
Ion Ratio Lower Upper  
96 100  
61 154.4 113.0 169.6  
98 63.1 52.1 78.1



#22  
Diisopropyl ether  
Concen: 18.651 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 45 Resp: 192427  
Ion Ratio Lower Upper  
45 100  
43 81.7 65.4 98.2  
87 25.6 20.6 31.0  
59 10.7 9.0 13.6

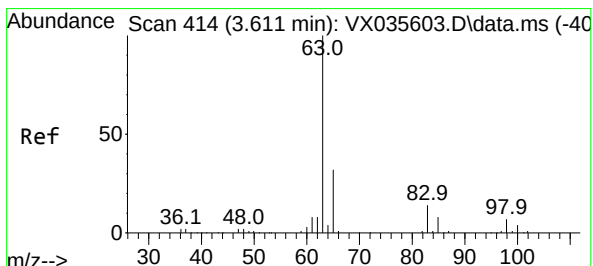
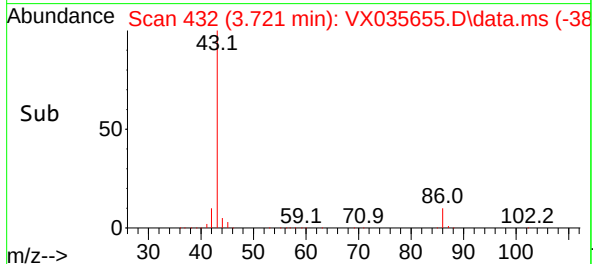
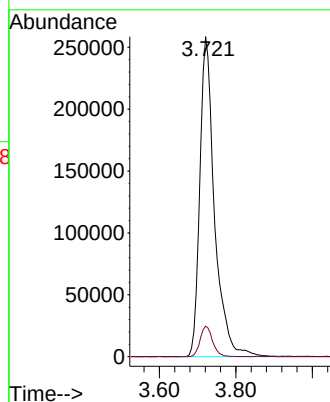
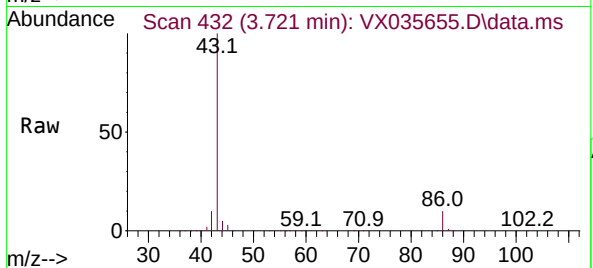




#23  
 Vinyl Acetate  
 Concen: 94.442 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX035655.D  
 Acq: 15 May 2023 11:07

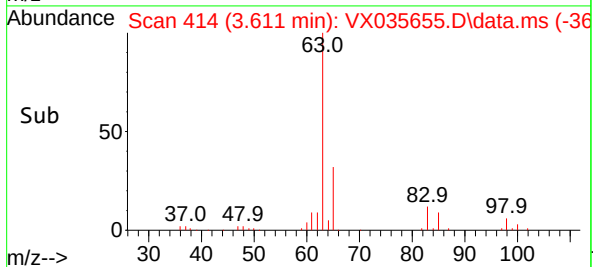
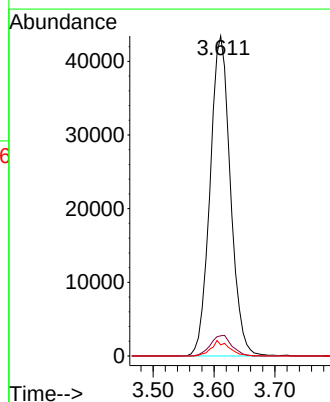
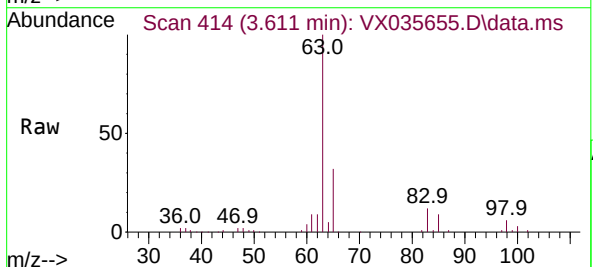
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0515WBS01

Tgt Ion: 43 Resp: 689426  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 8.5 12.7

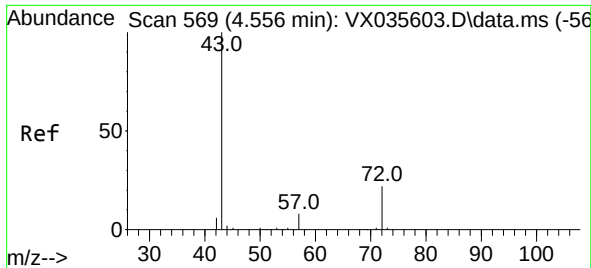


#24  
 1,1-Dichloroethane  
 Concen: 18.262 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX035655.D  
 Acq: 15 May 2023 11:07

Tgt Ion: 63 Resp: 100768  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.8 11.2  
 100 3.5 2.4 7.1



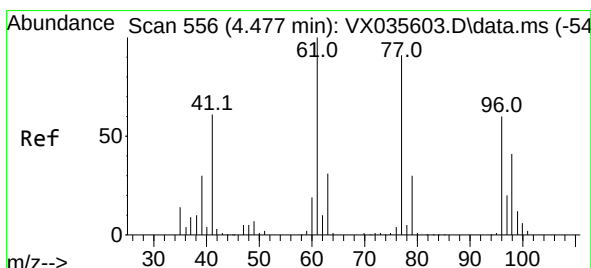
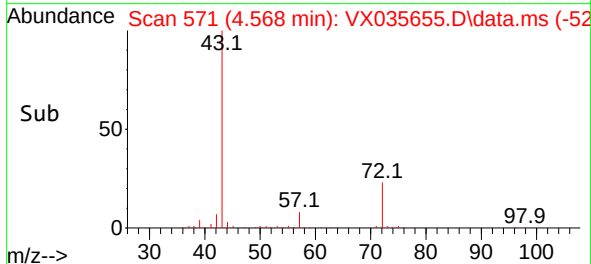
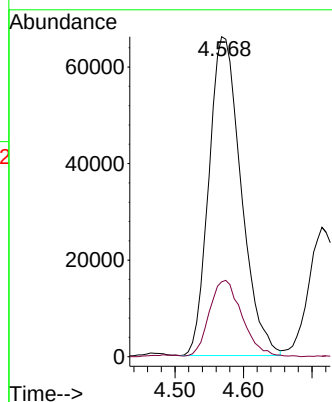
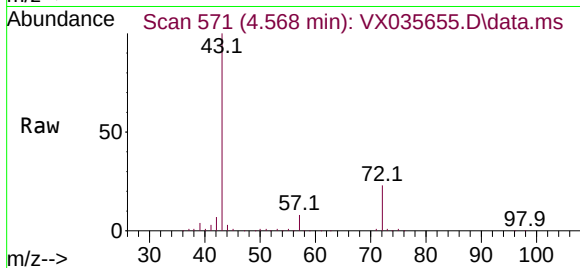




#25  
2-Butanone  
Concen: 94.154 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

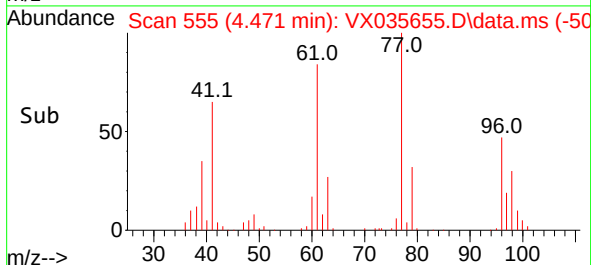
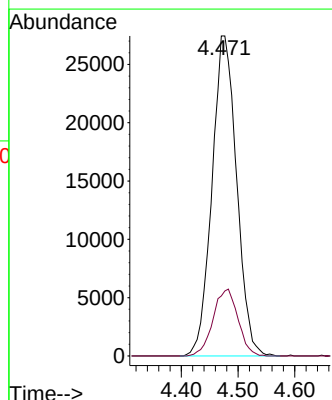
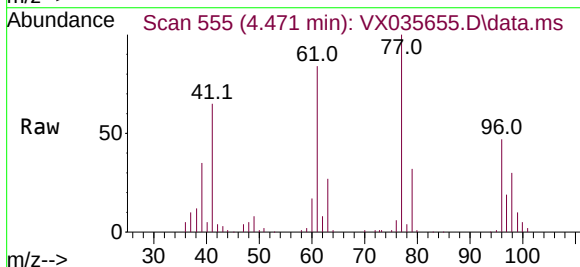
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

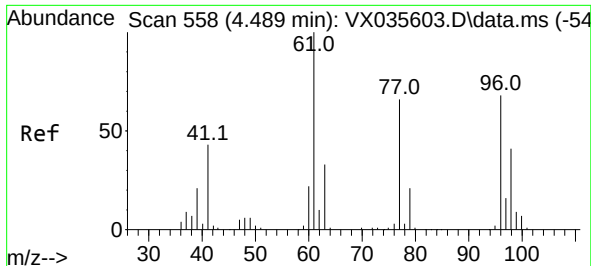
Tgt Ion: 43 Resp: 215846  
Ion Ratio Lower Upper  
43 100  
72 23.2 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 17.727 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 77 Resp: 82833  
Ion Ratio Lower Upper  
77 100  
97 21.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.140 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0515WBS01

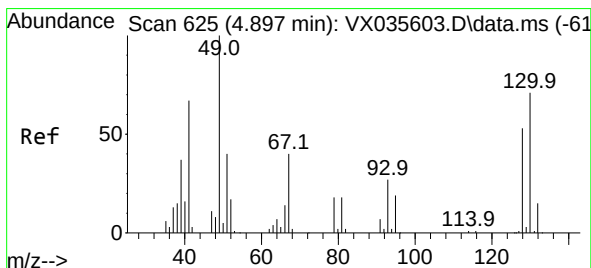
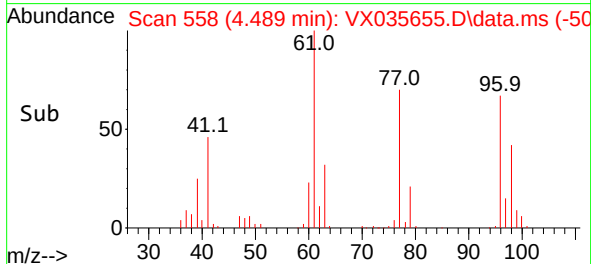
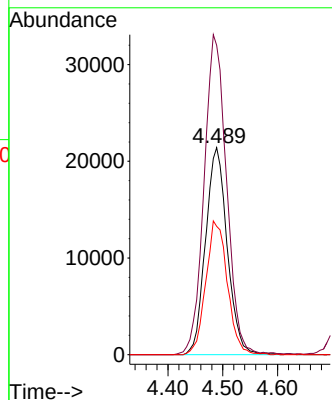
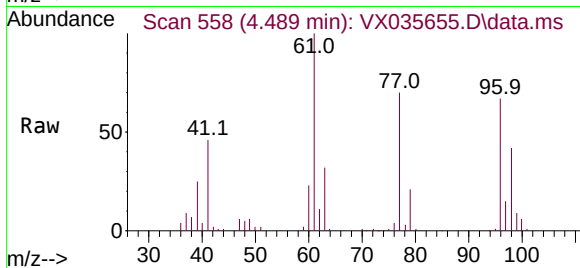
Tgt Ion: 96 Resp: 58771

Ion Ratio Lower Upper

96 100

61 159.8 0.0 300.4

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 21.718 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

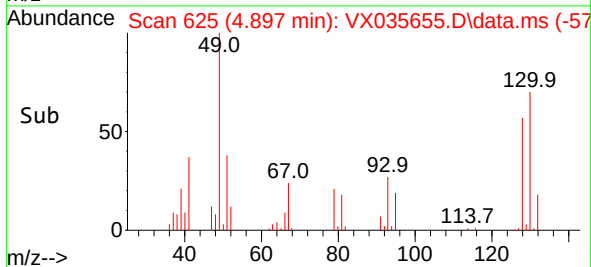
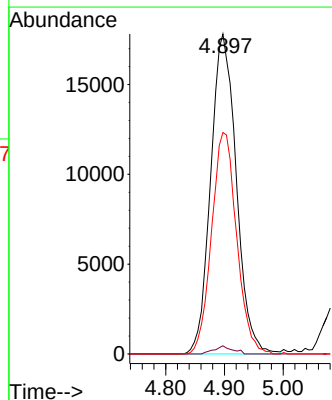
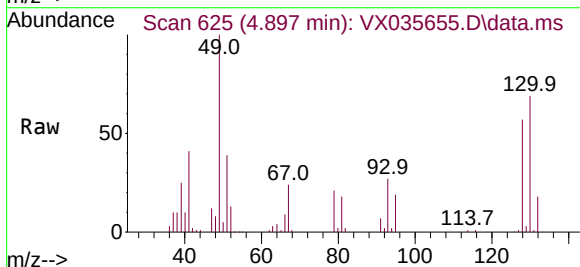
Tgt Ion: 49 Resp: 53902

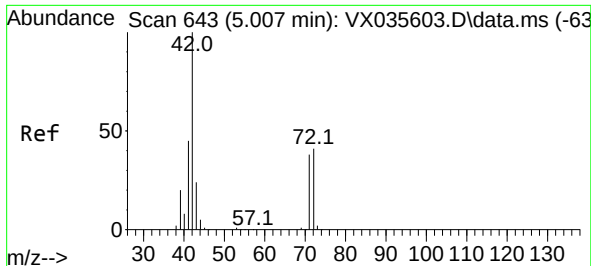
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 67.7 58.2 87.2





#29

Tetrahydrofuran

Concen: 93.565 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0515WBS01

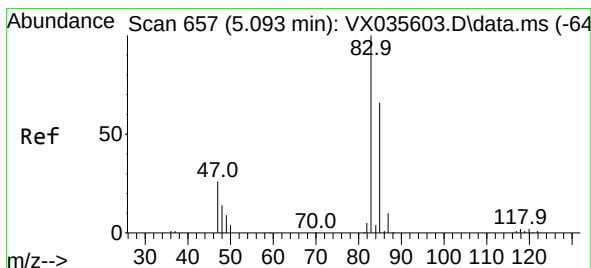
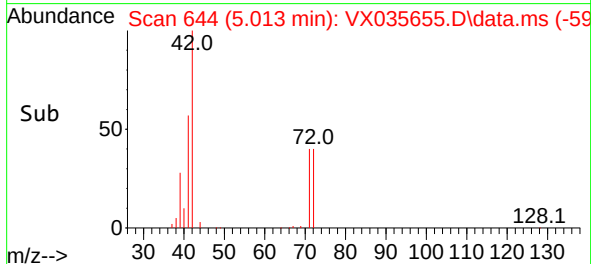
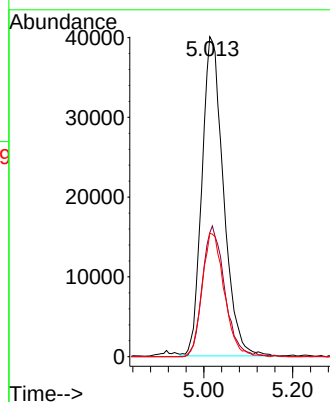
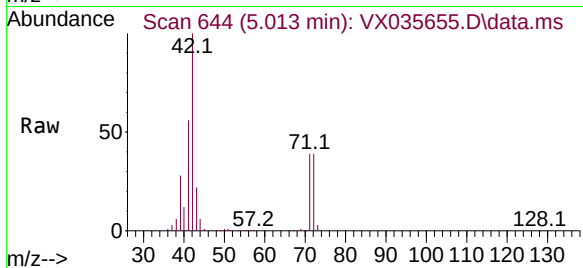
Tgt Ion: 42 Resp: 134819

Ion Ratio Lower Upper

42 100

72 42.2 34.5 51.7

71 39.8 32.1 48.1



#30

Chloroform

Concen: 18.504 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX035655.D

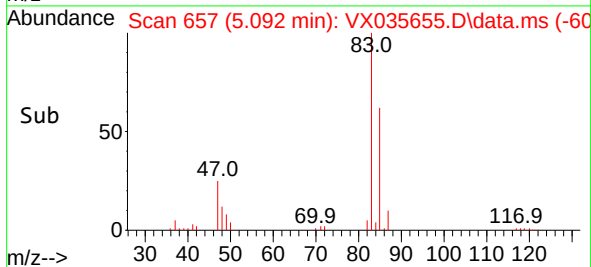
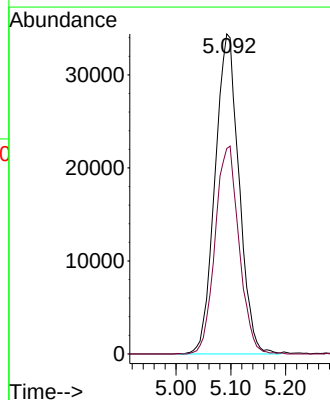
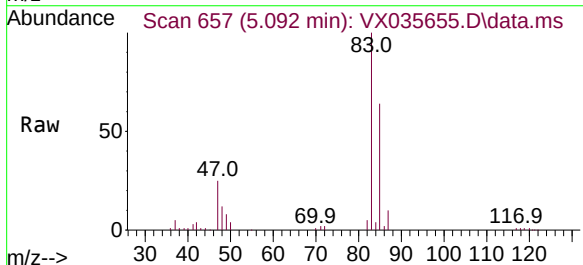
Acq: 15 May 2023 11:07

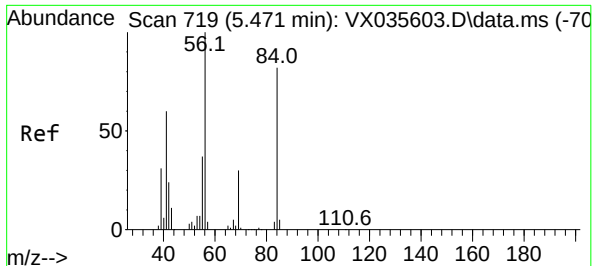
Tgt Ion: 83 Resp: 104627

Ion Ratio Lower Upper

83 100

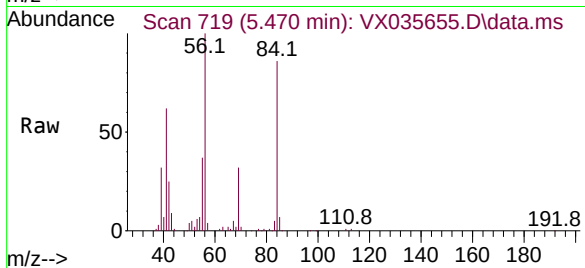
85 64.0 50.6 76.0



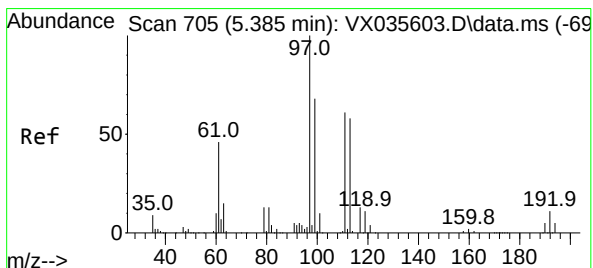
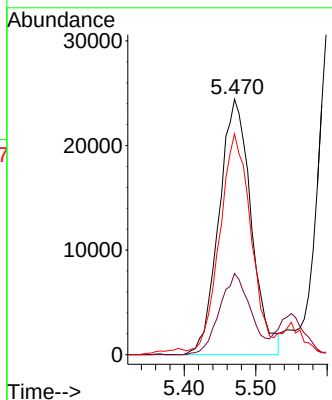
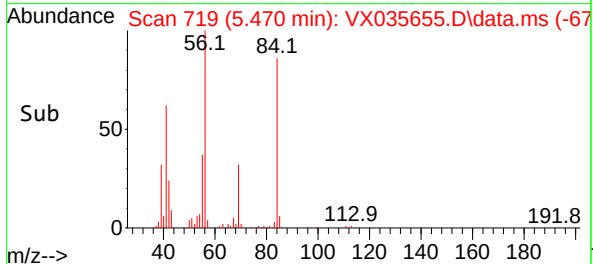


#31  
Cyclohexane  
Concen: 15.687 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.001 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

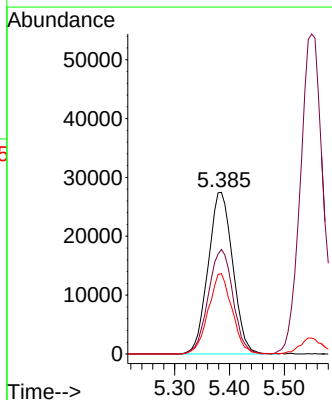
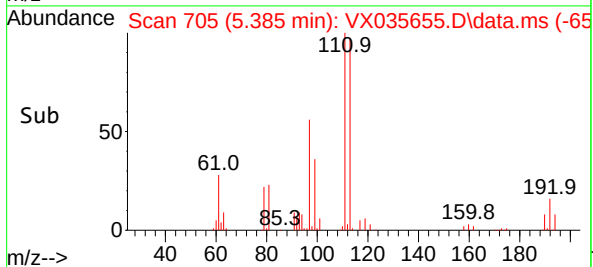
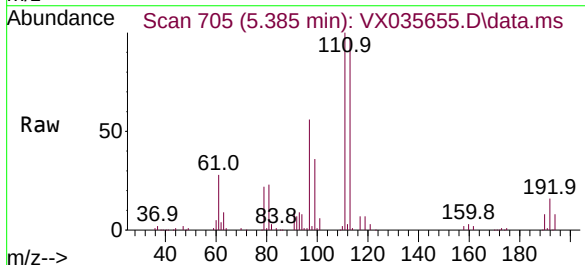


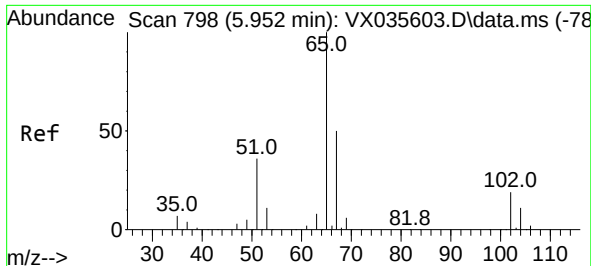
Tgt Ion: 56 Resp: 76365  
Ion Ratio Lower Upper  
56 100  
69 31.8 23.7 35.5  
84 83.9 68.5 102.7



#32  
1,1,1-Trichloroethane  
Concen: 17.403 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 97 Resp: 85613  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.1 76.7  
61 47.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.316 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

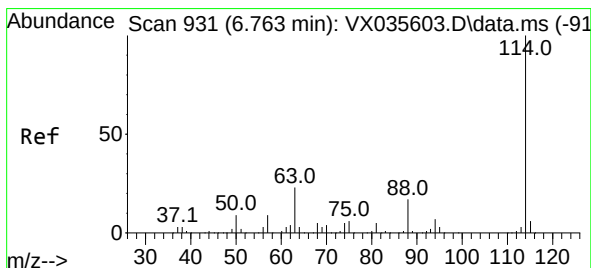
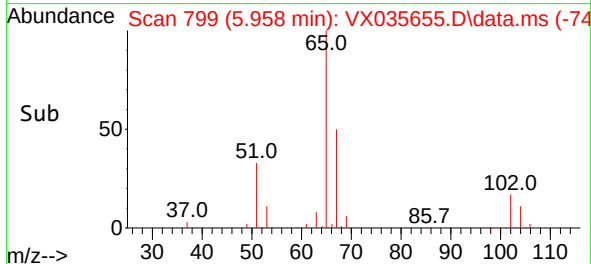
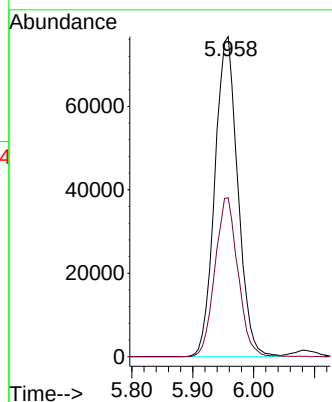
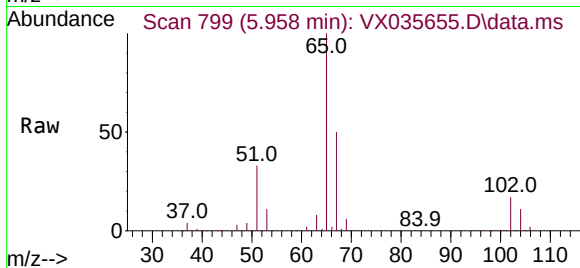
VX0515WBS01

Tgt Ion: 65 Resp: 201577

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

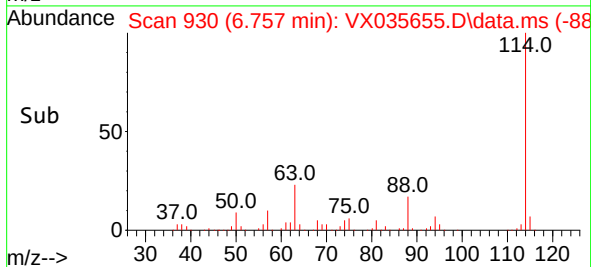
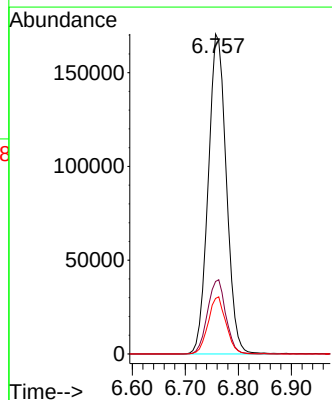
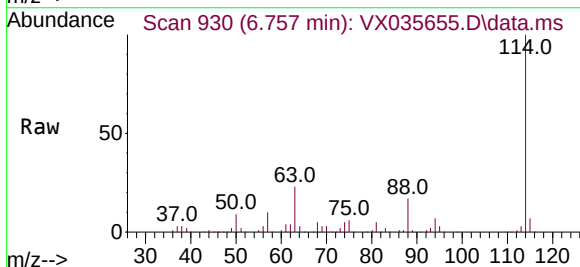
Tgt Ion: 114 Resp: 405120

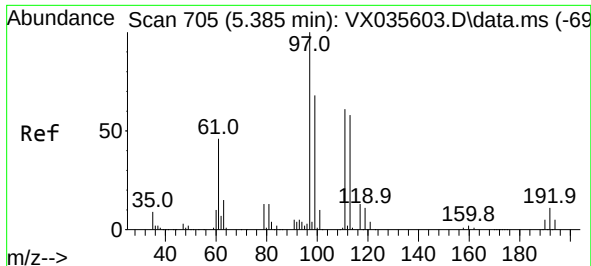
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.2

88 17.4 0.0 33.2

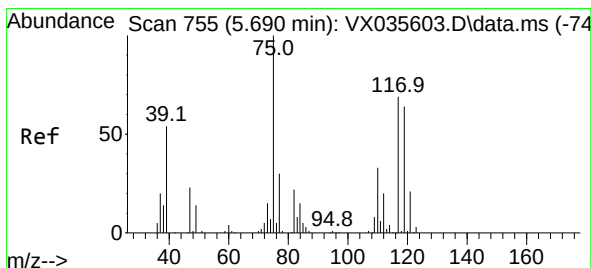
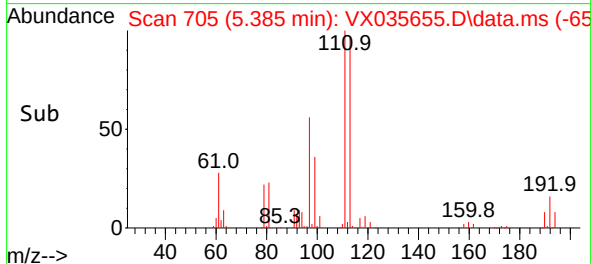
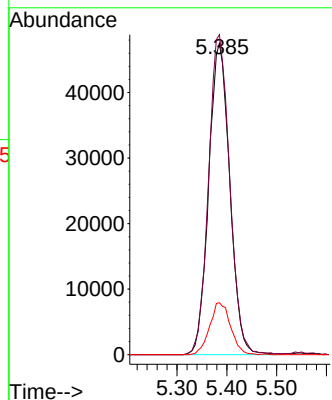
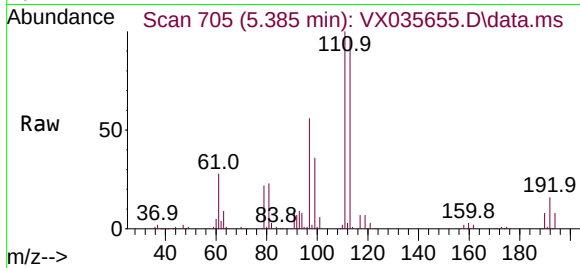




#35  
Dibromofluoromethane  
Concen: 51.065 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

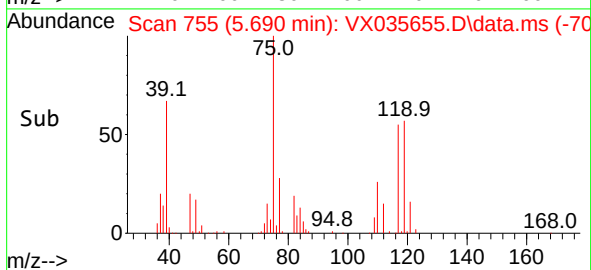
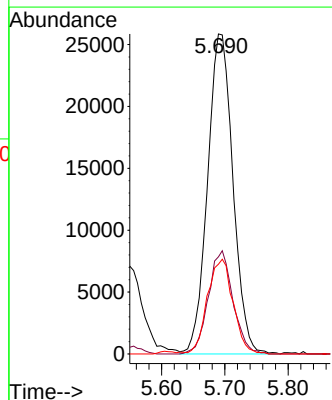
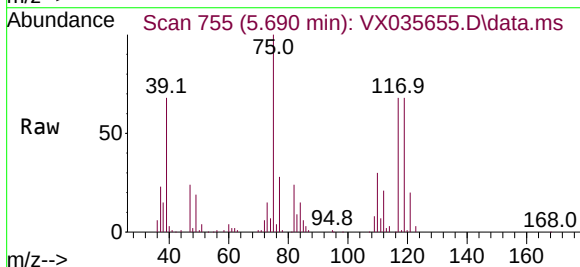
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

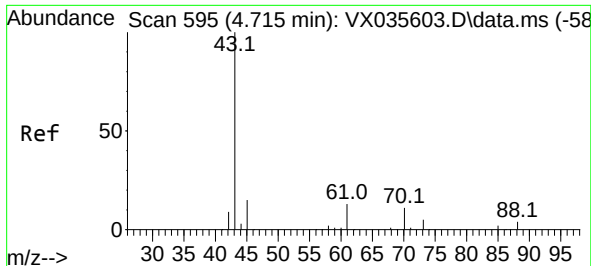
Tgt Ion:113 Resp: 139516  
Ion Ratio Lower Upper  
113 100  
111 103.4 83.7 125.5  
192 16.6 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 16.724 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 75 Resp: 72122  
Ion Ratio Lower Upper  
75 100  
110 31.3 17.5 52.5  
77 29.9 24.3 36.5





#37

Ethyl Acetate

Concen: 18.089 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0515WBS01

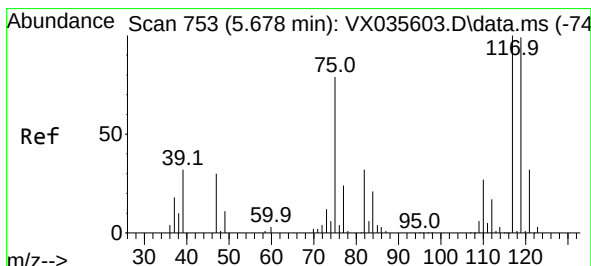
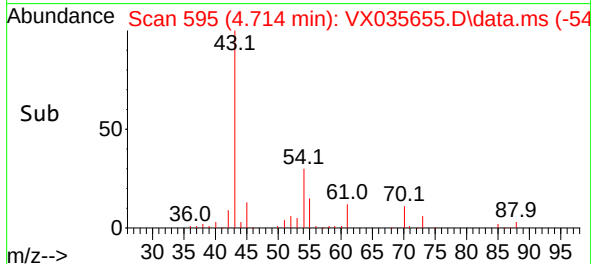
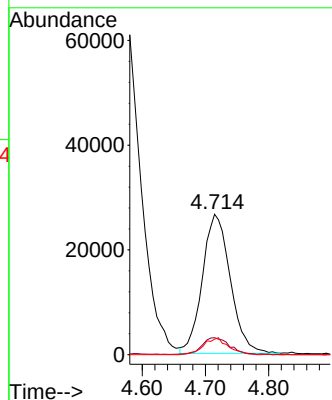
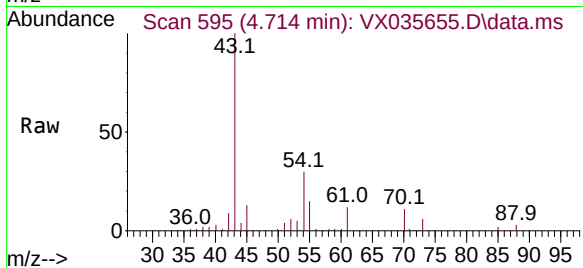
Tgt Ion: 43 Resp: 81368

Ion Ratio Lower Upper

43 100

61 12.4 10.2 15.4

70 10.5 8.2 12.4



#38

Carbon Tetrachloride

Concen: 16.315 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

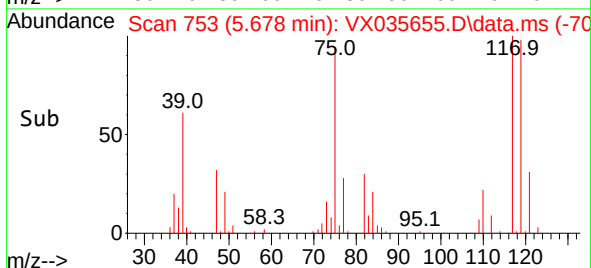
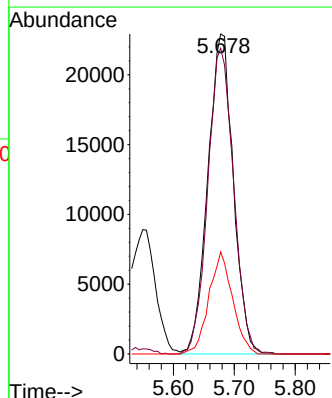
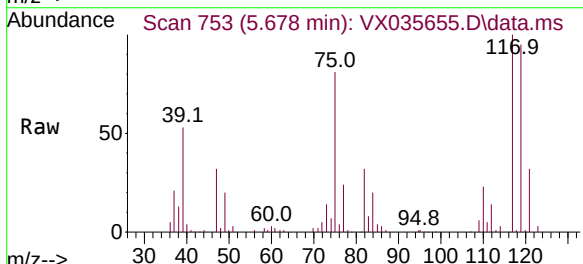
Tgt Ion: 117 Resp: 66652

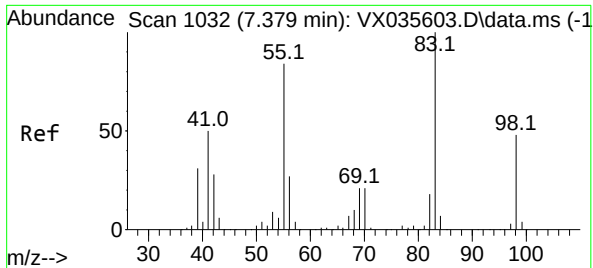
Ion Ratio Lower Upper

117 100

119 95.5 76.6 114.8

121 31.9 23.8 35.6

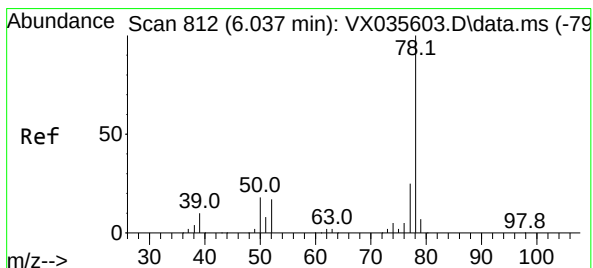
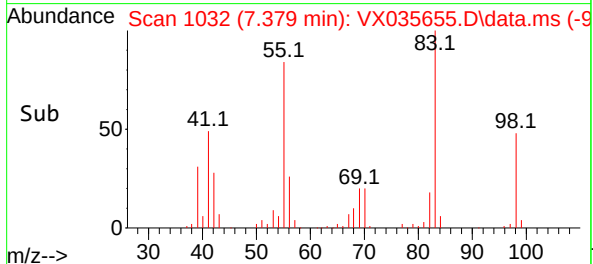
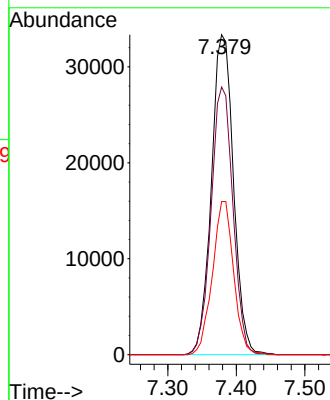
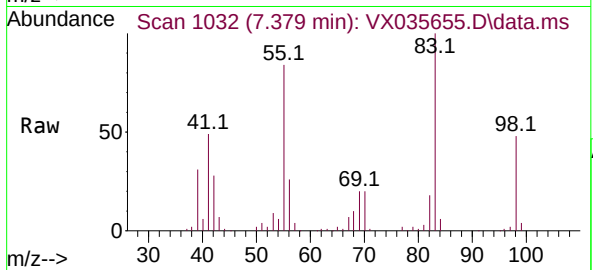




#39  
Methylcyclohexane  
Concen: 14.708 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

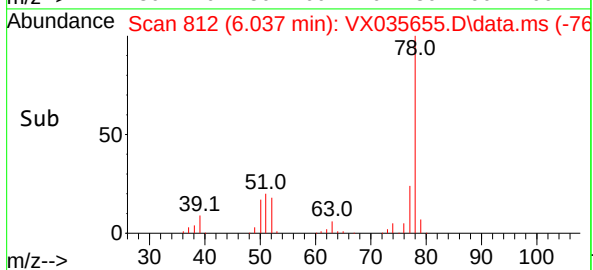
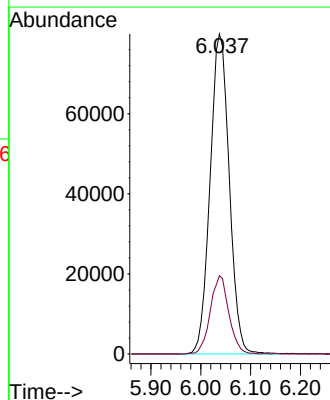
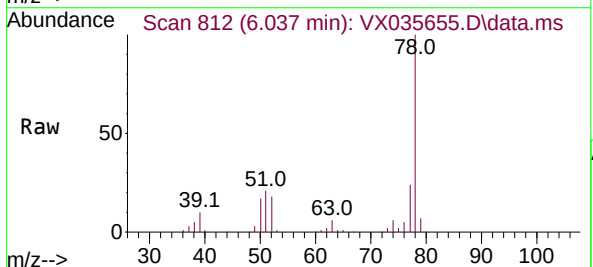
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 74665 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 83.7     | 60.5 90.7   |
| 98 47.9     | 40.4 60.6   |

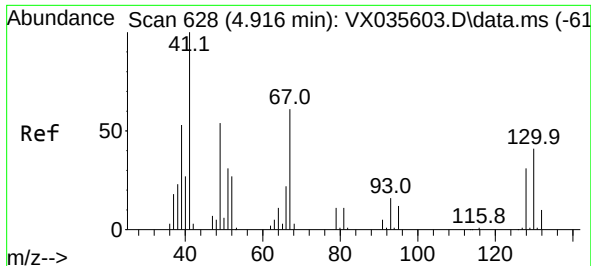


#40  
Benzene  
Concen: 17.691 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

|             |              |
|-------------|--------------|
| Tgt Ion: 78 | Resp: 213428 |
| Ion Ratio   | Lower Upper  |
| 78 100      |              |
| 77 24.4     | 19.0 28.4    |



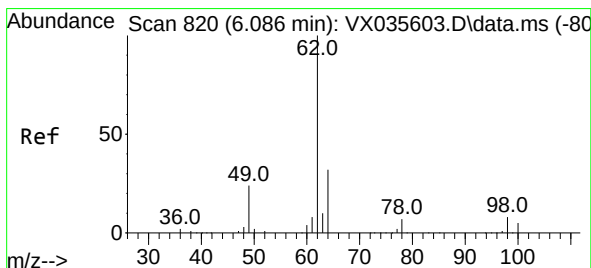
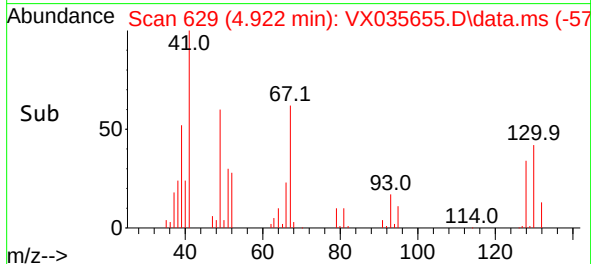
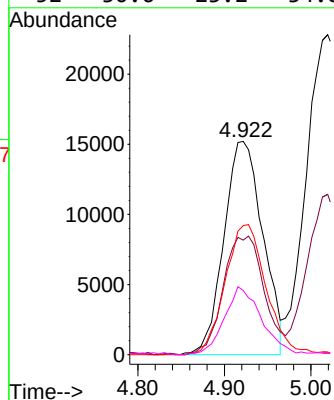
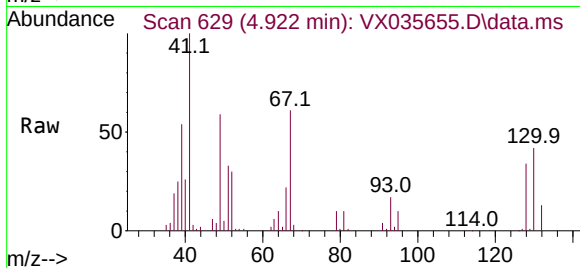




#41  
Methacrylonitrile  
Concen: 17.781 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

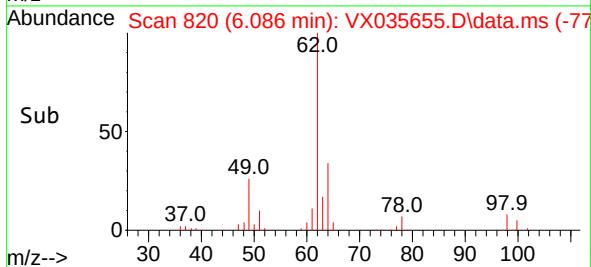
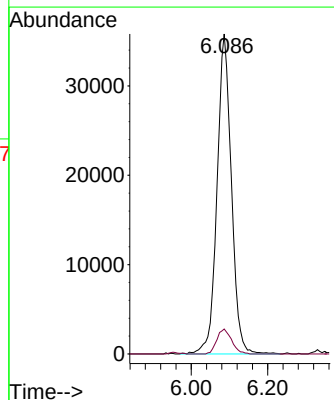
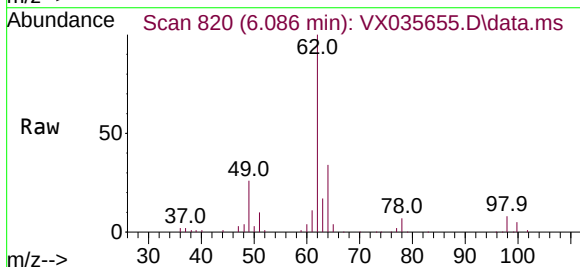
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

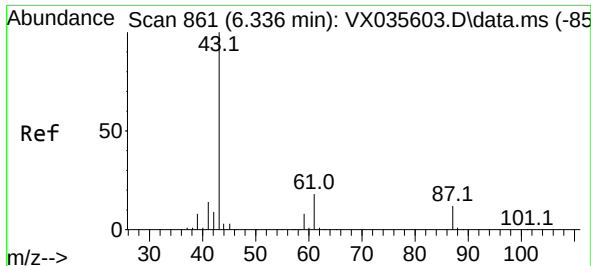
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 47489 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.6  | 45.0  | 67.6  |
| 67       | 64.7  | 55.6  | 83.4  |
| 52       | 30.6  | 23.2  | 34.8  |



#42  
1,2-Dichloroethane  
Concen: 17.986 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 93341 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.0   | 0.0   | 18.0  |

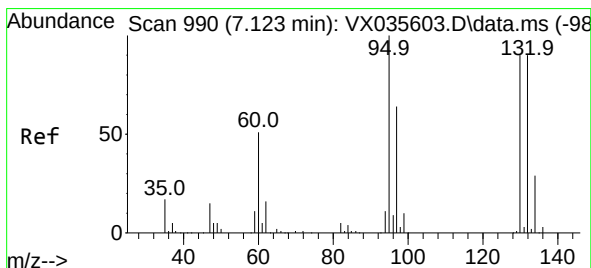
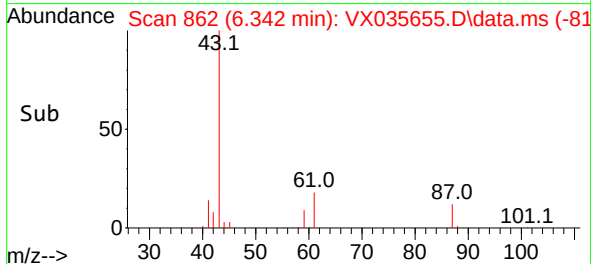
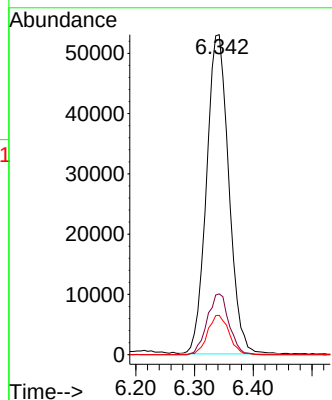
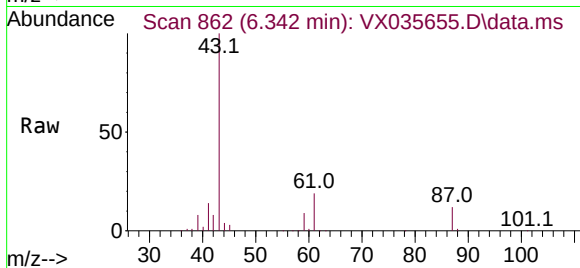




#43  
Isopropyl Acetate  
Concen: 17.776 ug/l  
RT: 6.342 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

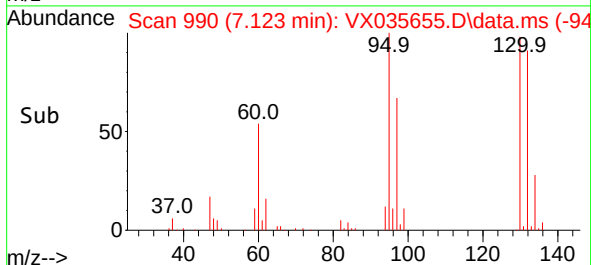
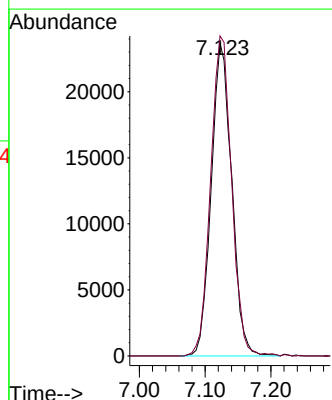
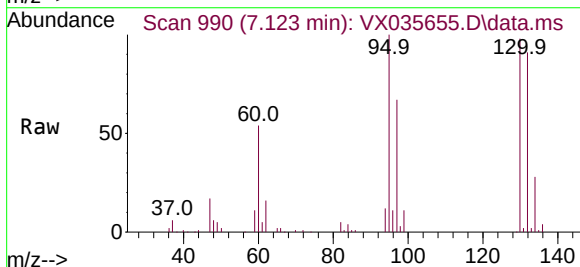
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

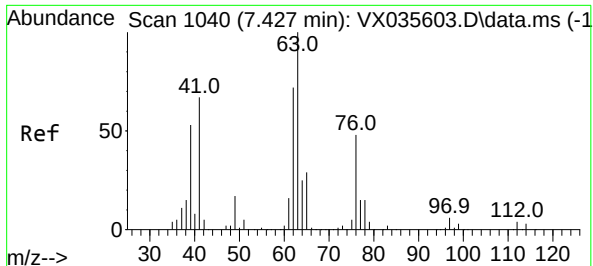
Tgt Ion: 43 Resp: 139427  
Ion Ratio Lower Upper  
43 100  
61 18.6 15.2 22.8  
87 11.8 9.8 14.8



#44  
Trichloroethene  
Concen: 16.770 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion:130 Resp: 51299  
Ion Ratio Lower Upper  
130 100  
95 102.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 18.107 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

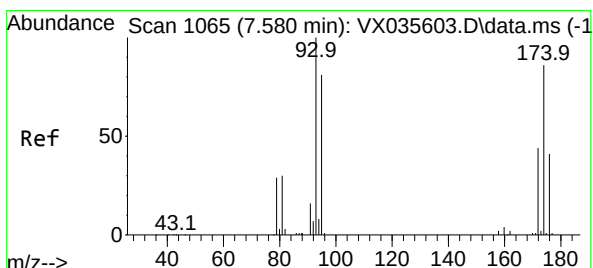
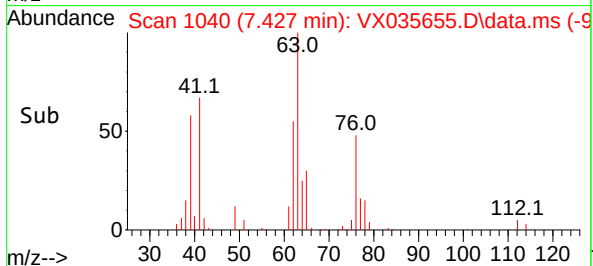
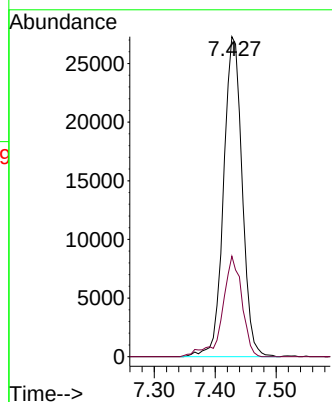
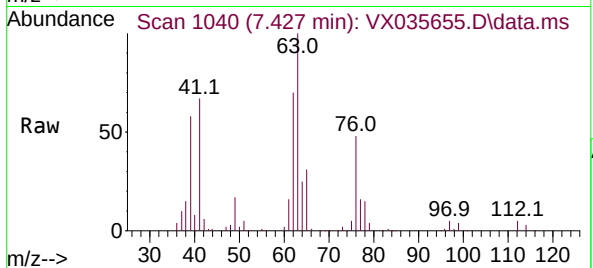
VX0515WBS01

Tgt Ion: 63 Resp: 57857

Ion Ratio Lower Upper

63 100

65 31.4 24.6 37.0



#46

Dibromomethane

Concen: 18.029 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

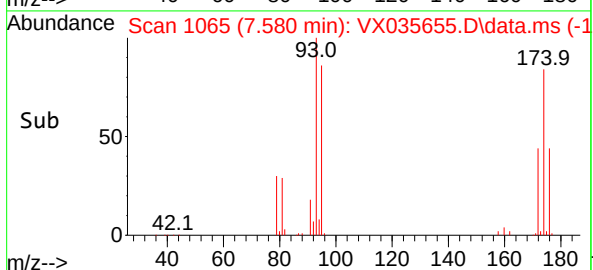
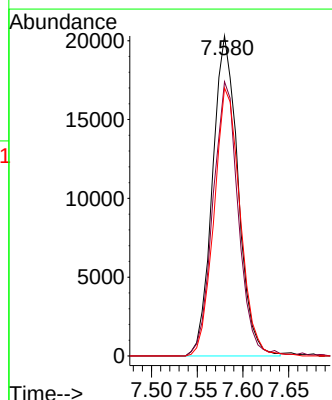
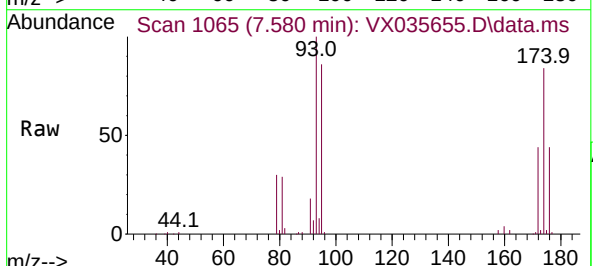
Tgt Ion: 93 Resp: 39432

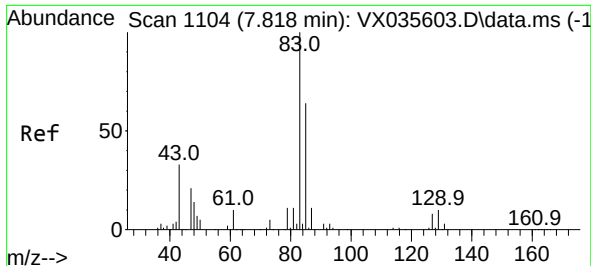
Ion Ratio Lower Upper

93 100

95 84.9 66.9 100.3

174 85.5 75.4 113.0

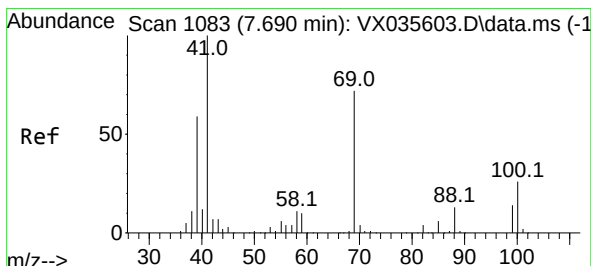
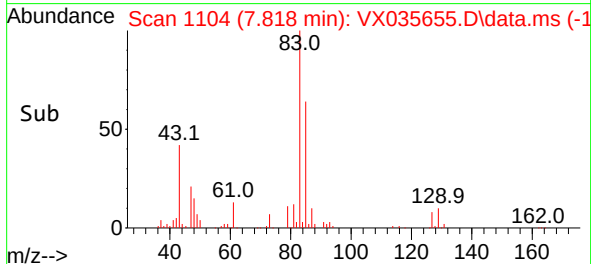
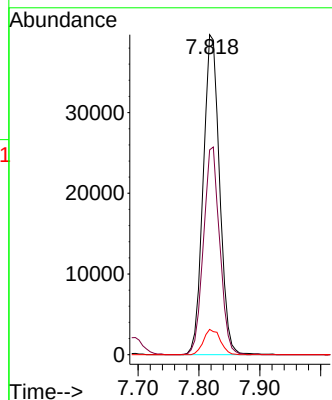
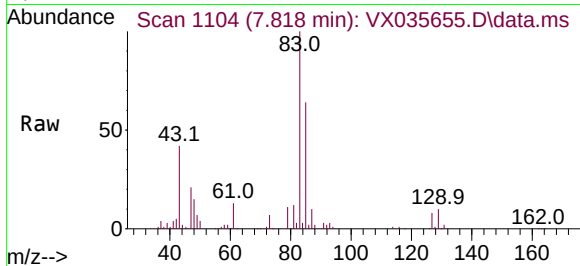




#47  
Bromodichloromethane  
Concen: 17.503 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

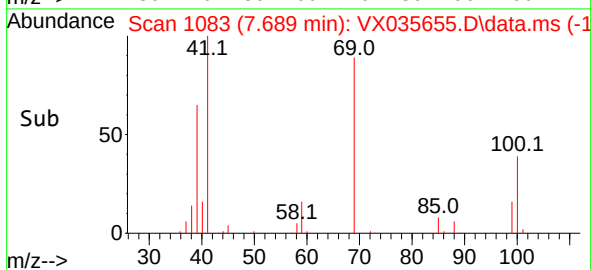
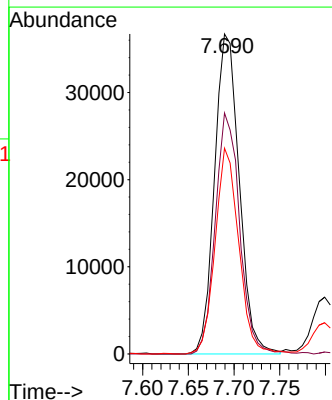
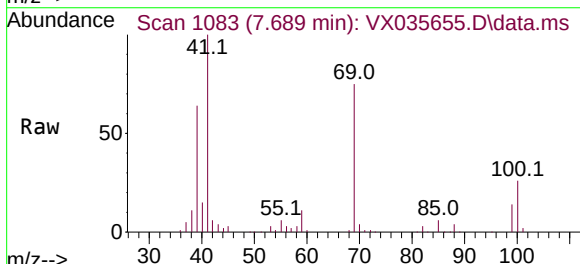
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

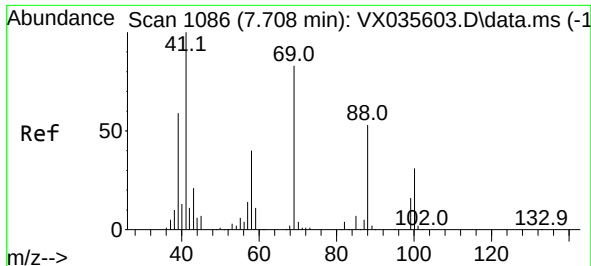
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 73994 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.0  | 52.2  | 78.4  |
| 127      | 7.9   | 6.6   | 9.8   |



#48  
Methyl methacrylate  
Concen: 17.833 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. -0.001 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 69032 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 74.0  | 62.2  | 93.4  |
| 39       | 61.8  | 47.7  | 71.5  |





#49

1,4-Dioxane

Concen: 329.063 ug/l

RT: 7.738 min Scan# 1086

Delta R.T. 0.030 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0515WBS01

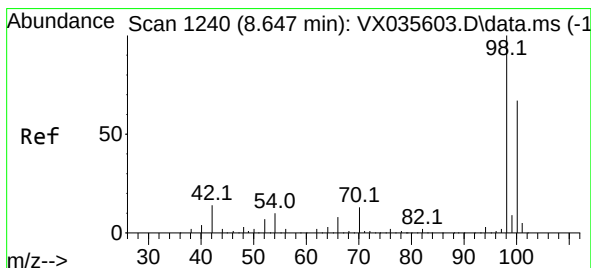
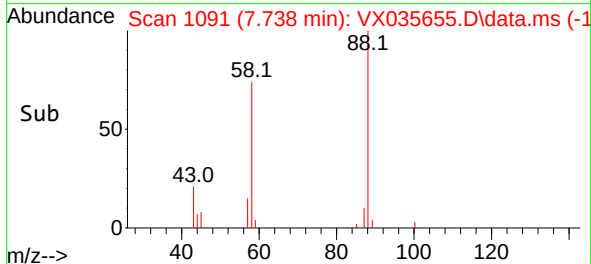
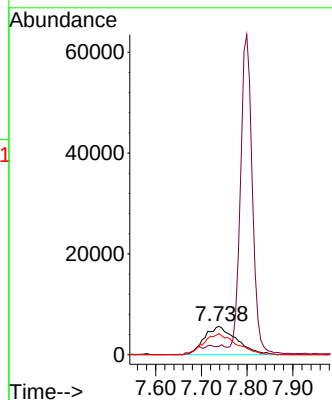
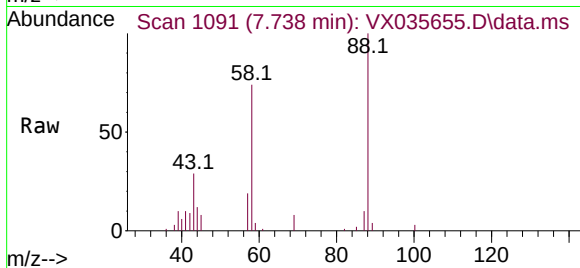
Tgt Ion: 88 Resp: 27311

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 74.8 56.8 85.2



#50

Toluene-d8

Concen: 49.318 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035655.D

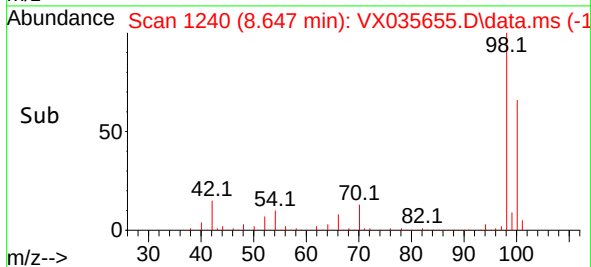
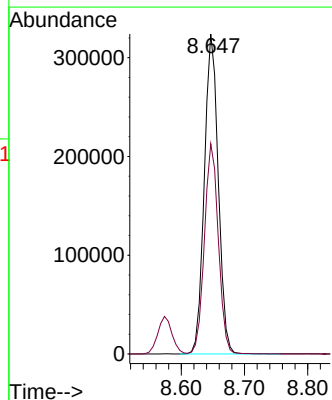
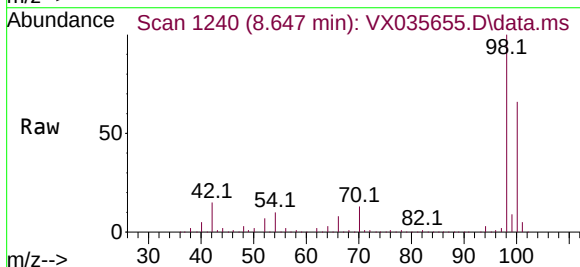
Acq: 15 May 2023 11:07

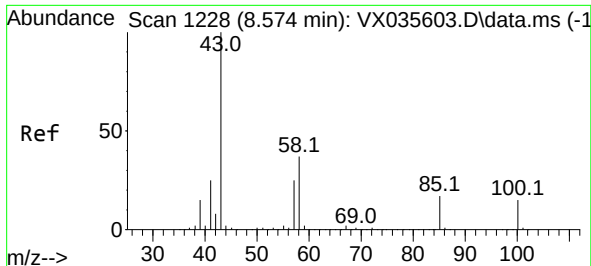
Tgt Ion: 98 Resp: 497768

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7

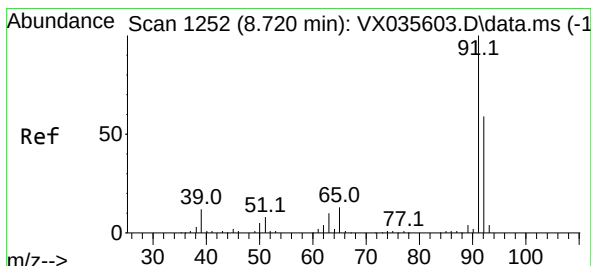
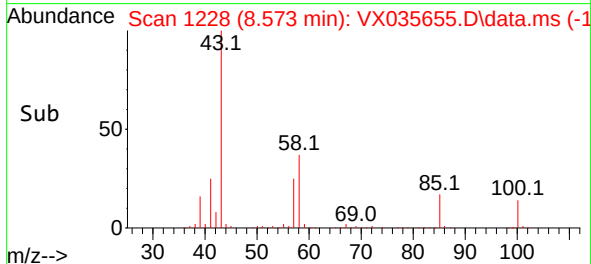
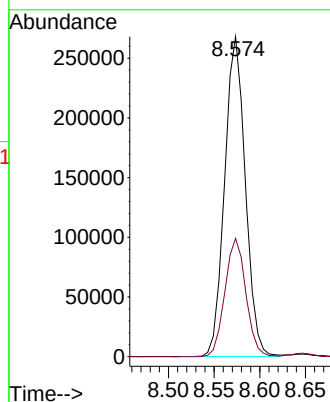
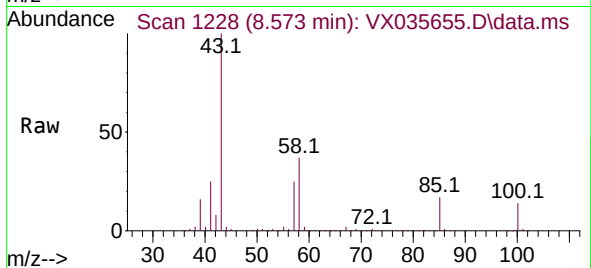




#51  
4-Methyl-2-Pentanone  
Concen: 93.487 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

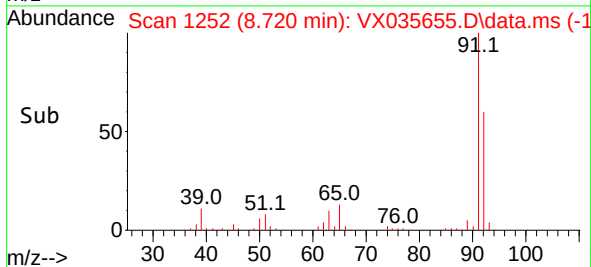
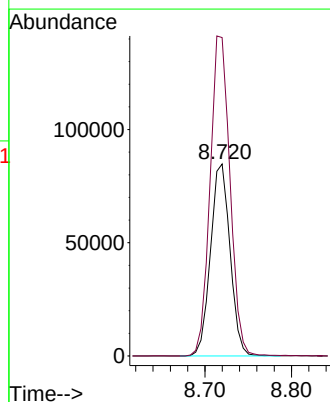
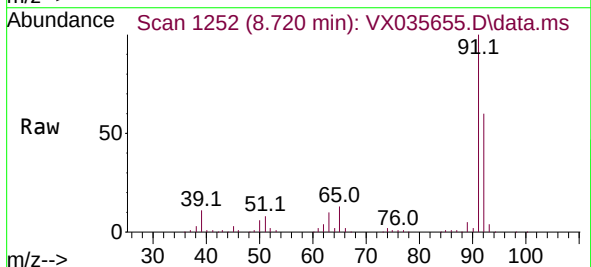
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

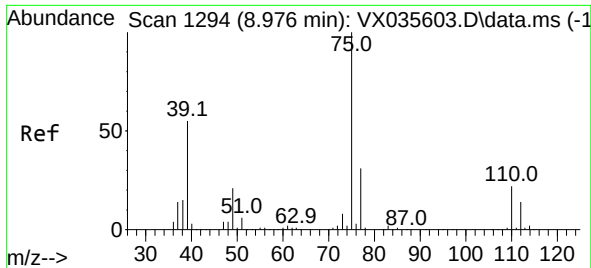
Tgt Ion: 43 Resp: 422451  
Ion Ratio Lower Upper  
43 100  
58 37.4 30.6 46.0



#52  
Toluene  
Concen: 17.421 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 92 Resp: 132669  
Ion Ratio Lower Upper  
92 100  
91 170.4 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 17.817 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

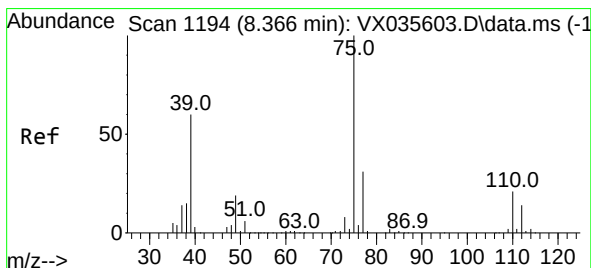
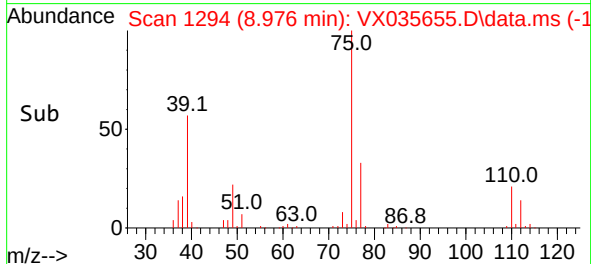
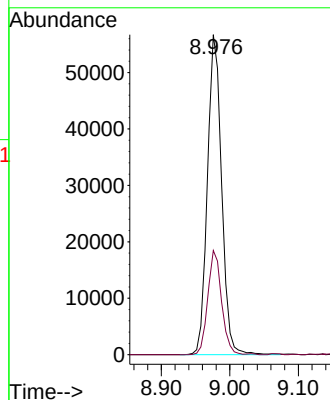
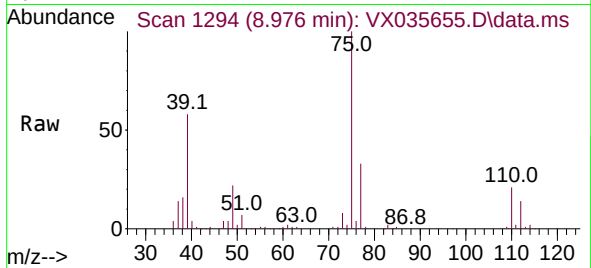
VX0515WBS01

Tgt Ion: 75 Resp: 81829

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.815 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

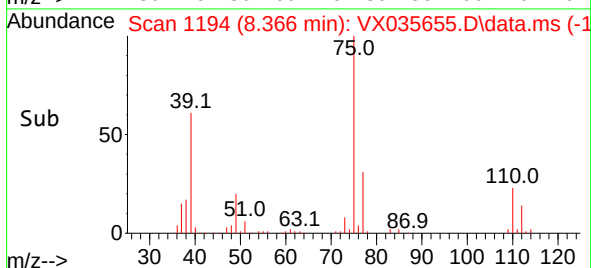
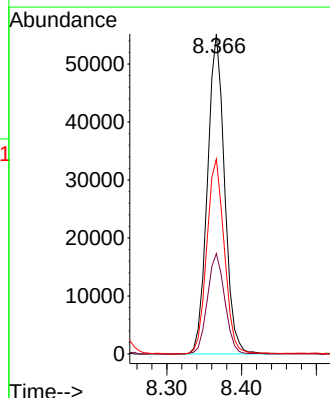
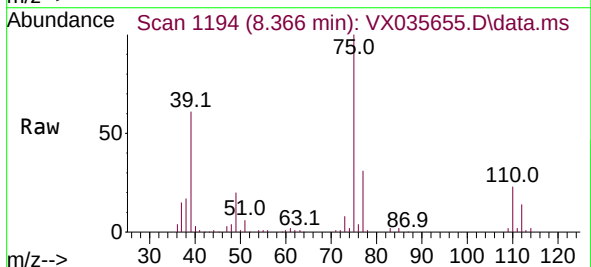
Tgt Ion: 75 Resp: 87664

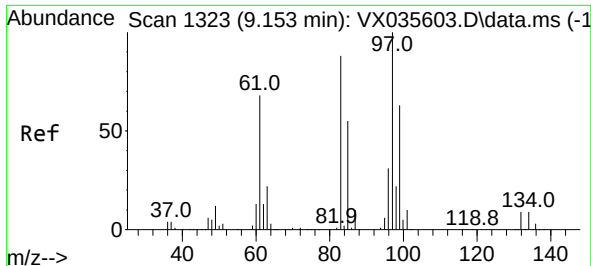
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

39 60.8 44.6 66.8

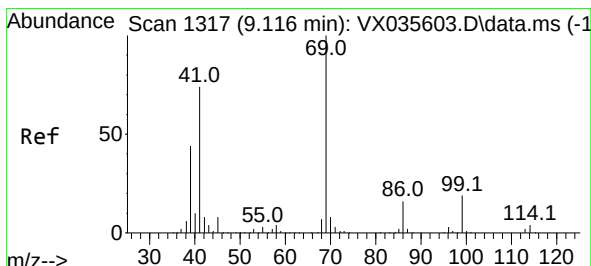
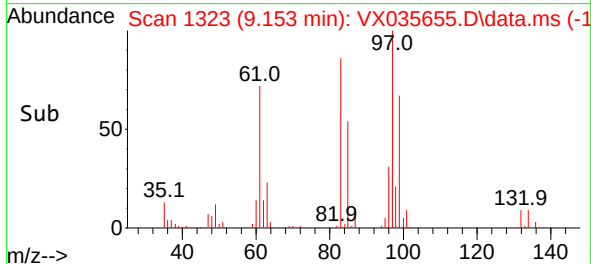
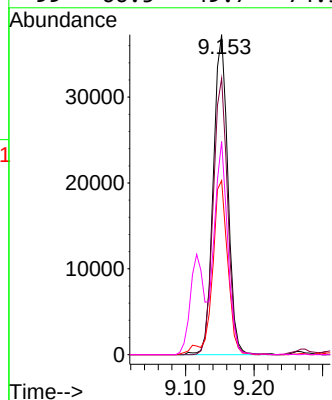
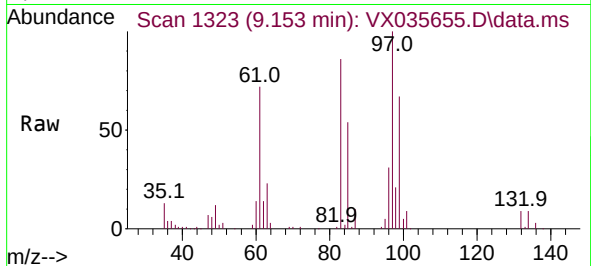




#55  
1,1,2-Trichloroethane  
Concen: 18.384 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

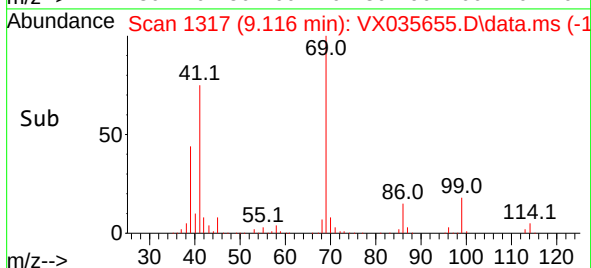
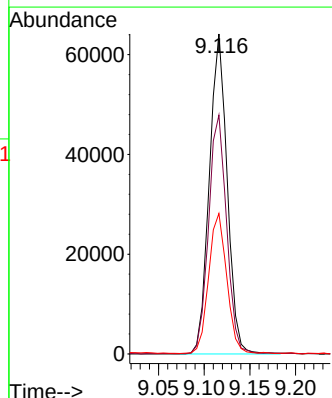
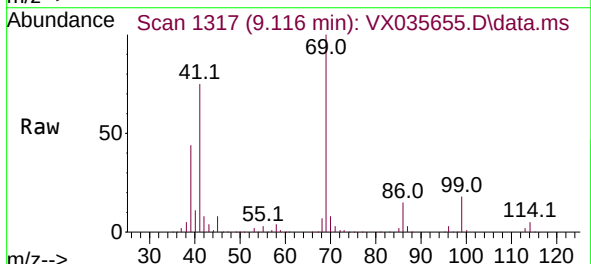
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 54990 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.4  | 69.7  | 104.5 |
| 85       | 54.4  | 43.7  | 65.5  |
| 99       | 66.5  | 49.7  | 74.5  |

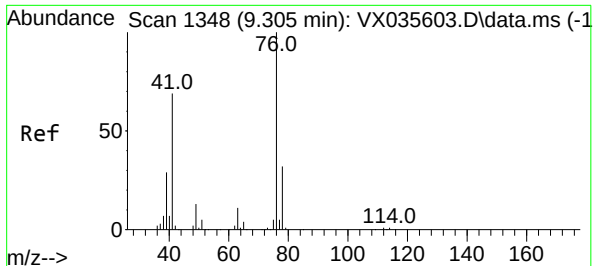


#56  
Ethyl methacrylate  
Concen: 17.941 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 86906 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 75.3  | 57.4  | 86.0  |
| 39       | 44.5  | 33.7  | 50.5  |







#57

1,3-Dichloropropane

Concen: 18.037 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

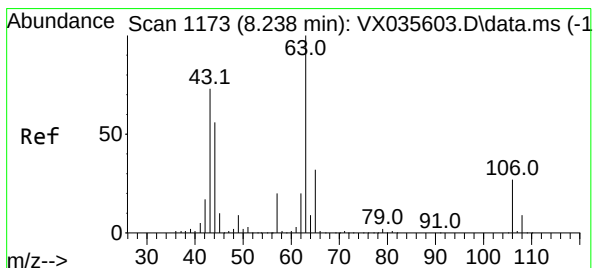
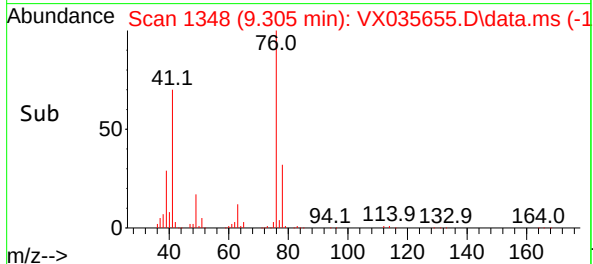
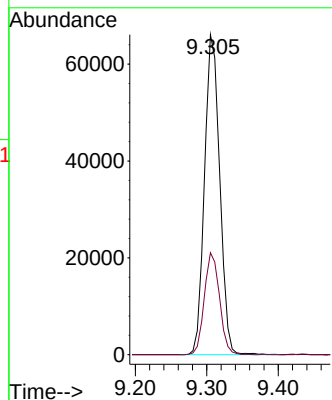
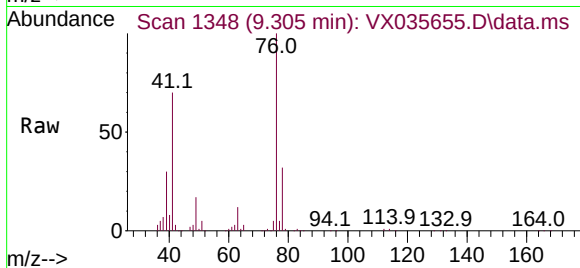
VX0515WBS01

Tgt Ion: 76 Resp: 97804

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.783 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035655.D

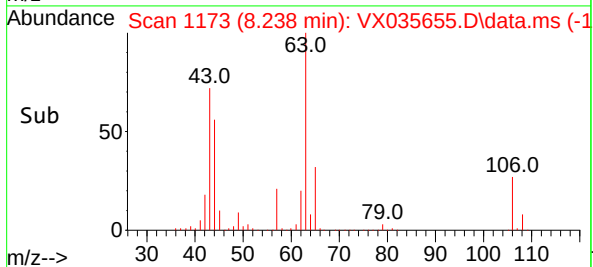
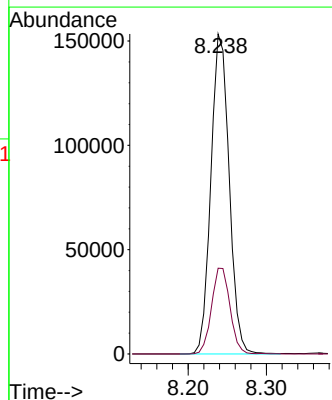
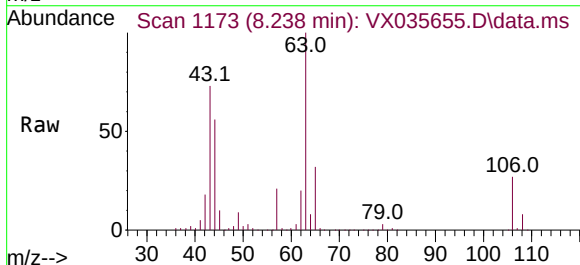
Acq: 15 May 2023 11:07

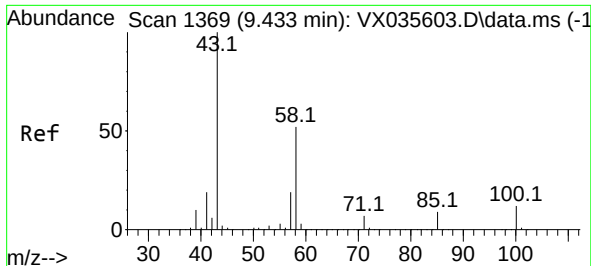
Tgt Ion: 63 Resp: 248344

Ion Ratio Lower Upper

63 100

106 27.1 22.2 33.2





#59

2-Hexanone

Concen: 94.335 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

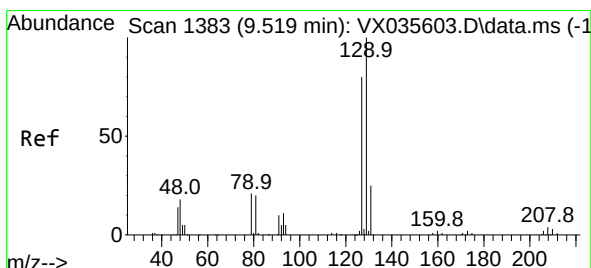
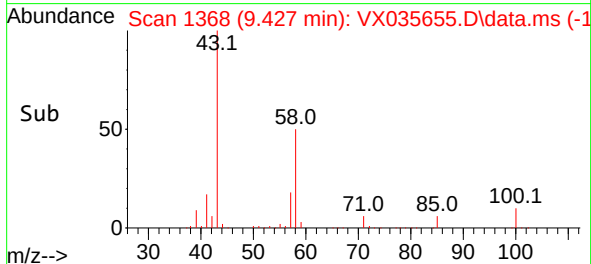
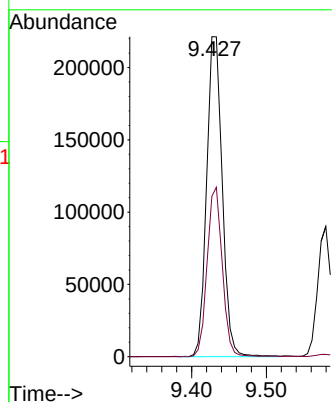
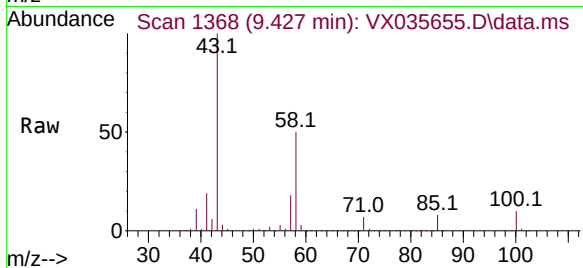
VX0515WBS01

Tgt Ion: 43 Resp: 321031

Ion Ratio Lower Upper

43 100

58 51.3 26.3 78.9



#60

Dibromochloromethane

Concen: 17.734 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.001 min

Lab File: VX035655.D

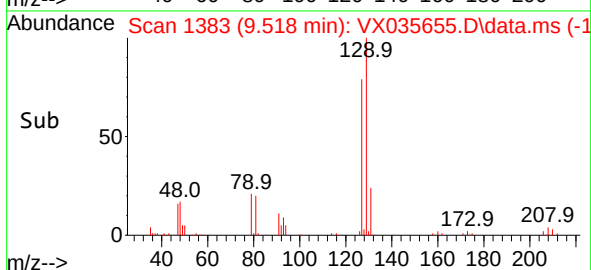
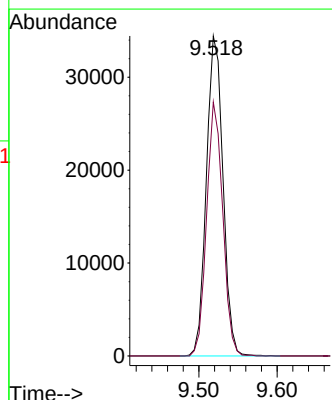
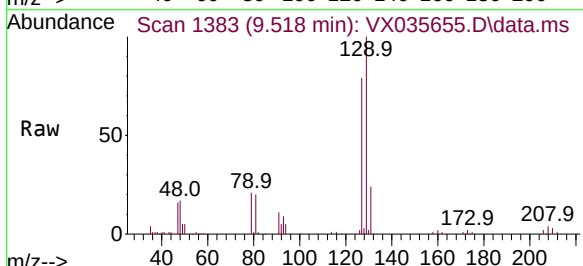
Acq: 15 May 2023 11:07

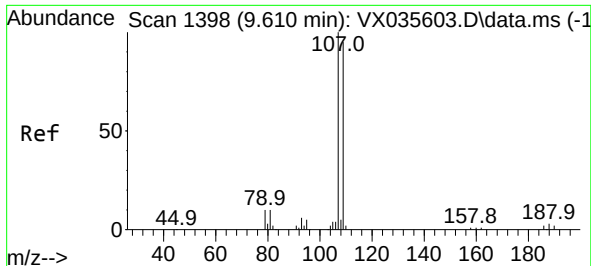
Tgt Ion: 129 Resp: 50563

Ion Ratio Lower Upper

129 100

127 77.1 39.0 117.0

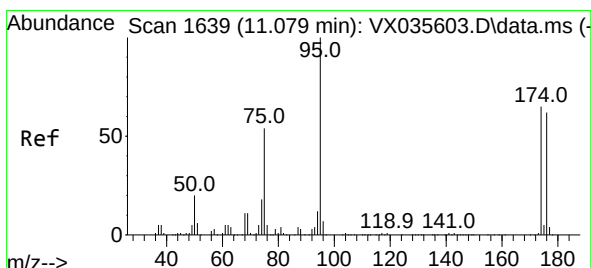
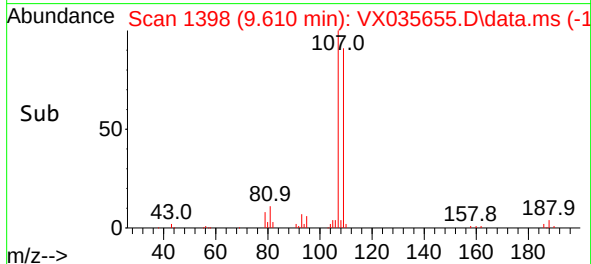
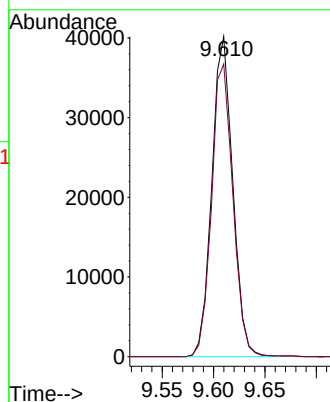
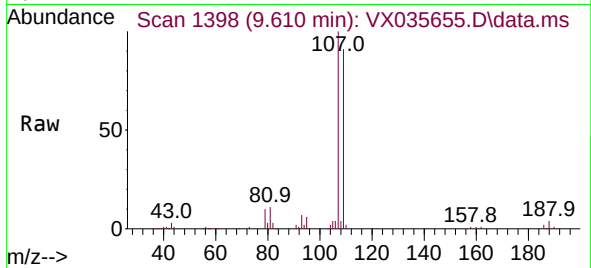




#61  
1,2-Dibromoethane  
Concen: 18.038 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

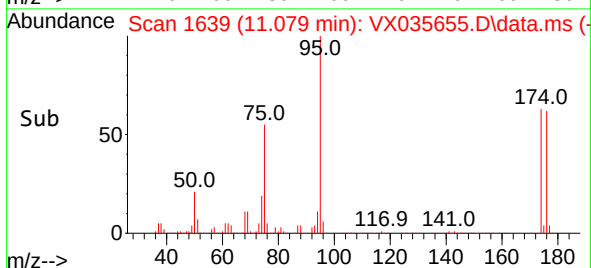
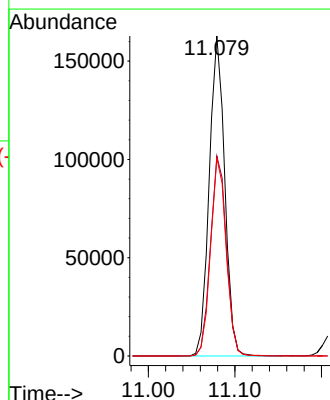
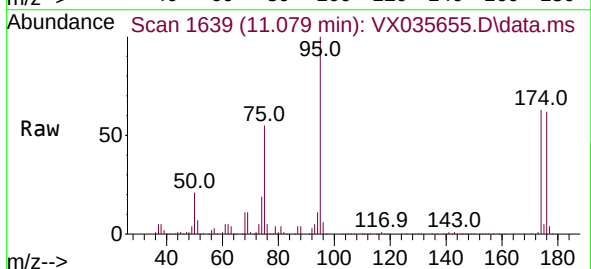
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

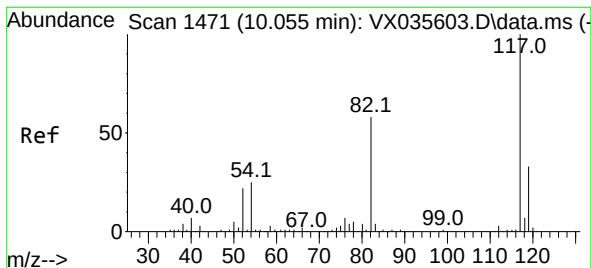
Tgt Ion:107 Resp: 56846  
Ion Ratio Lower Upper  
107 100  
109 93.2 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 49.691 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 95 Resp: 201940  
Ion Ratio Lower Upper  
95 100  
174 64.2 0.0 147.4  
176 62.2 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0515WBS01

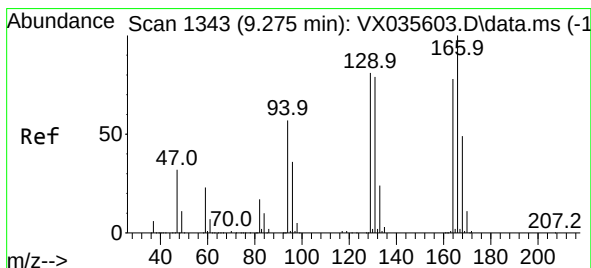
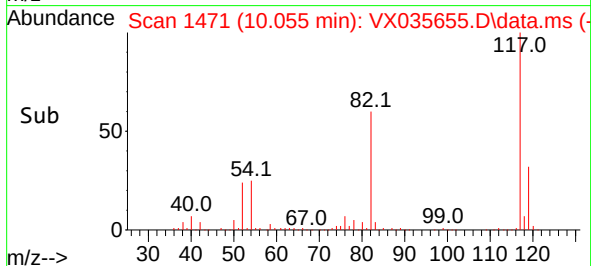
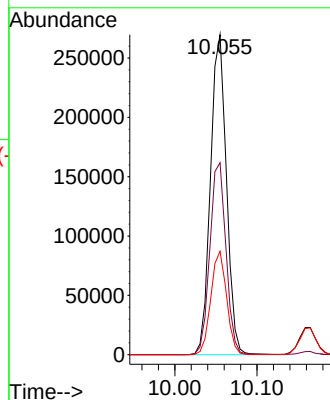
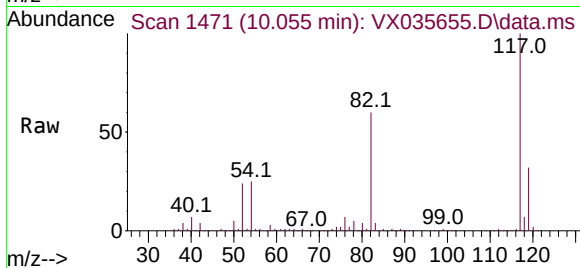
Tgt Ion:117 Resp: 362552

Ion Ratio Lower Upper

117 100

82 60.0 45.0 67.4

119 32.3 26.0 39.0



#64

Tetrachloroethene

Concen: 16.432 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Tgt Ion:164 Resp: 40109

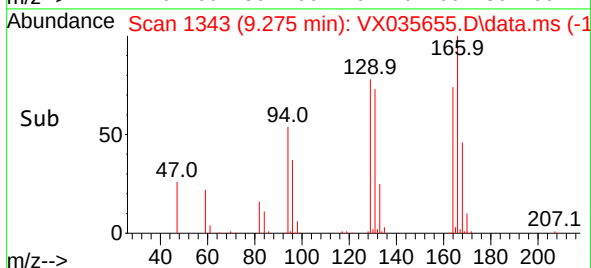
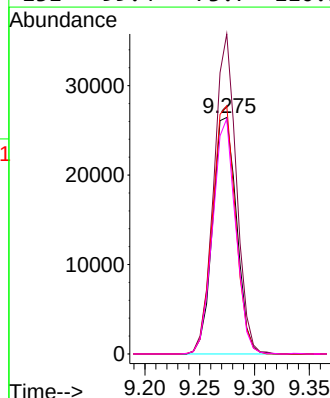
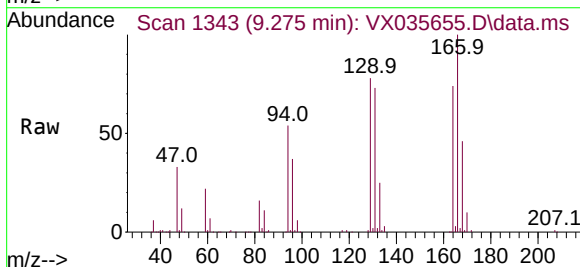
Ion Ratio Lower Upper

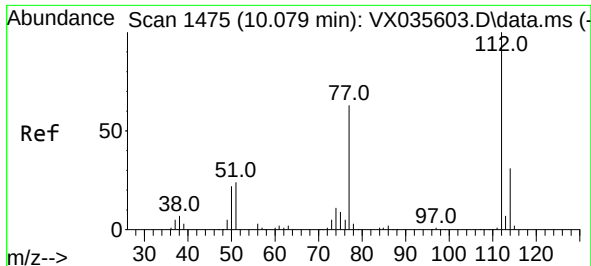
164 100

166 135.3 102.7 154.1

129 104.9 75.6 113.4

131 99.4 73.7 110.5

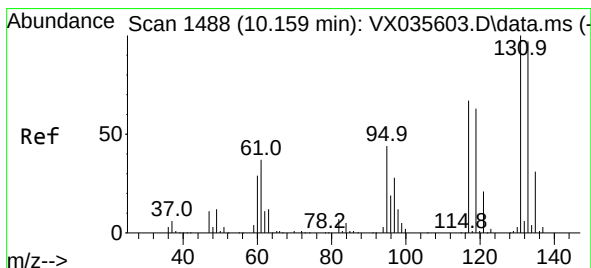
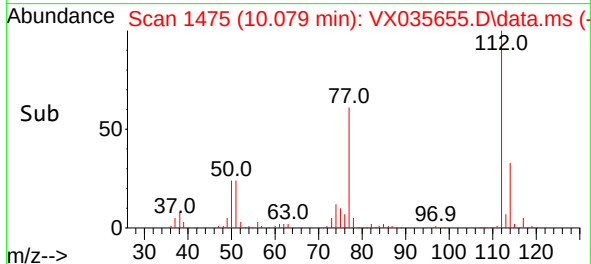
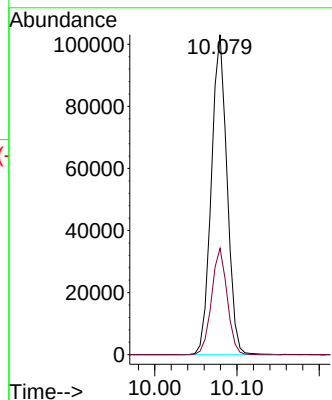
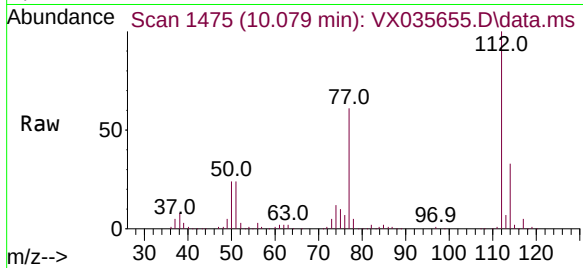




#65  
Chlorobenzene  
Concen: 17.286 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

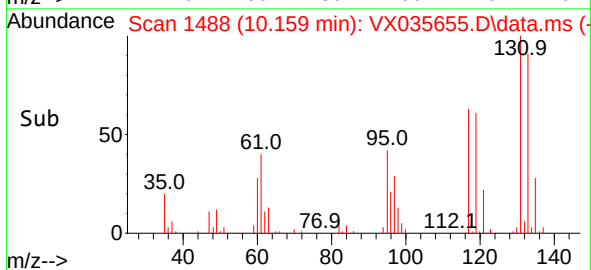
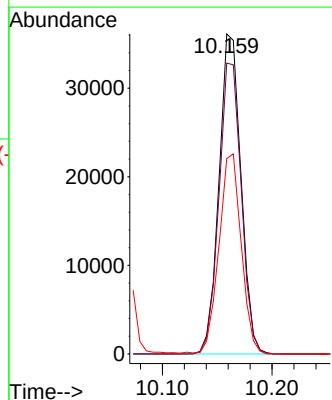
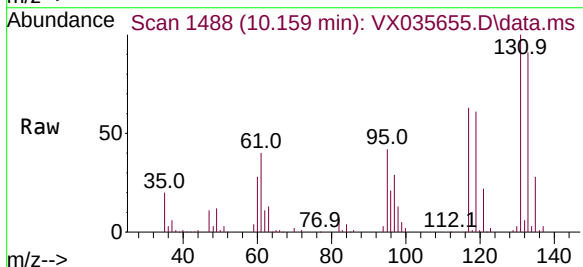
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

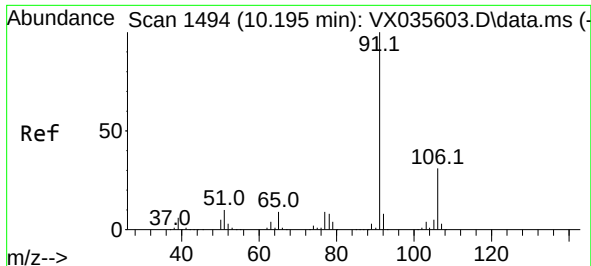
Tgt Ion:112 Resp: 136800  
Ion Ratio Lower Upper  
112 100  
114 33.2 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.980 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion:131 Resp: 50315  
Ion Ratio Lower Upper  
131 100  
133 92.3 47.1 141.4  
119 63.5 32.6 98.0





#67

Ethyl Benzene

Concen: 17.342 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

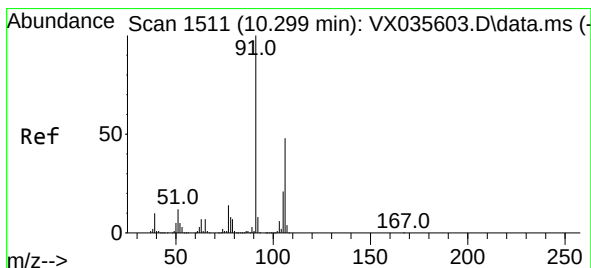
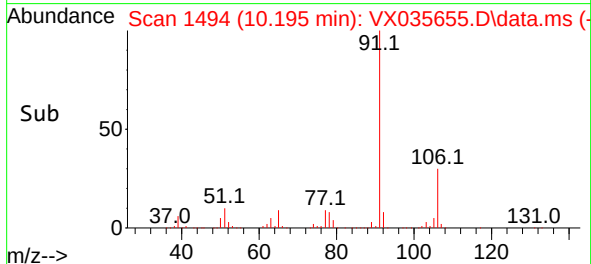
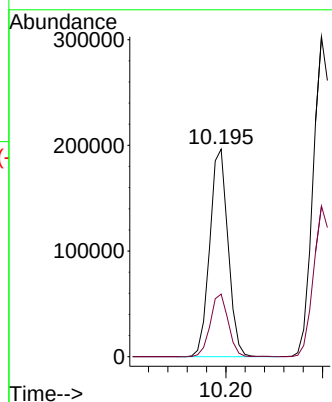
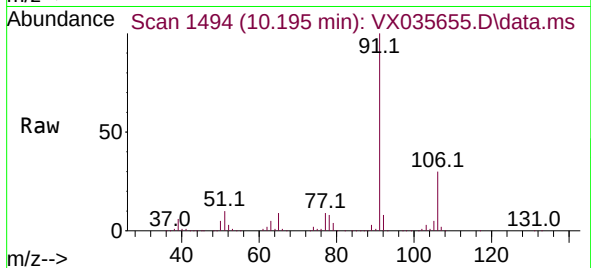
VX0515WBS01

Tgt Ion: 91 Resp: 258121

Ion Ratio Lower Upper

91 100

106 30.1 25.6 38.4



#68

m/p-Xylenes

Concen: 34.177 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035655.D

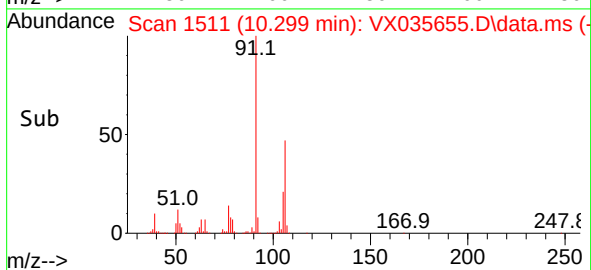
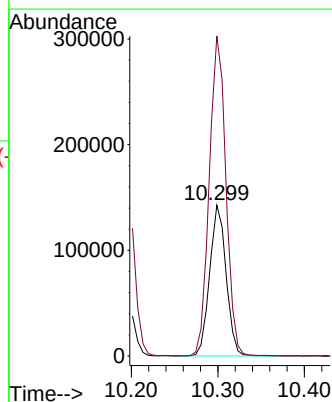
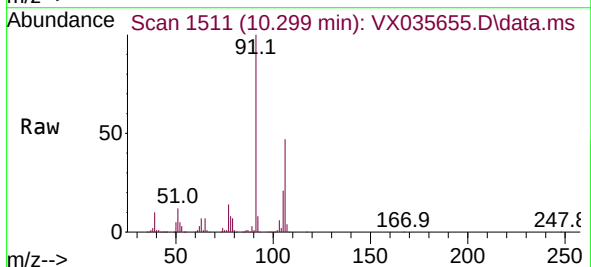
Acq: 15 May 2023 11:07

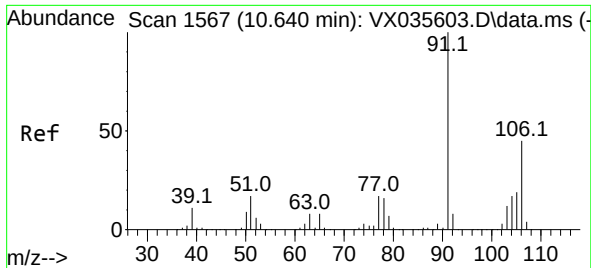
Tgt Ion: 106 Resp: 188034

Ion Ratio Lower Upper

106 100

91 215.1 164.0 246.0

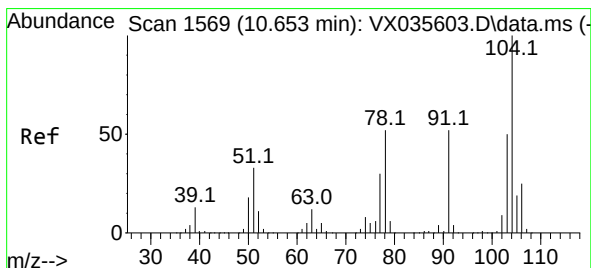
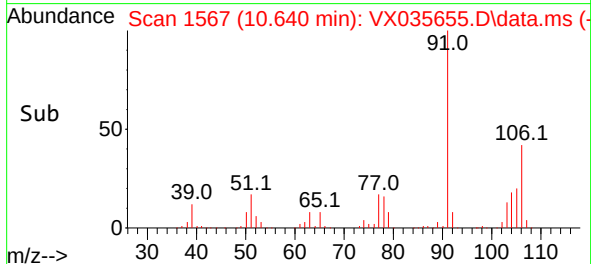
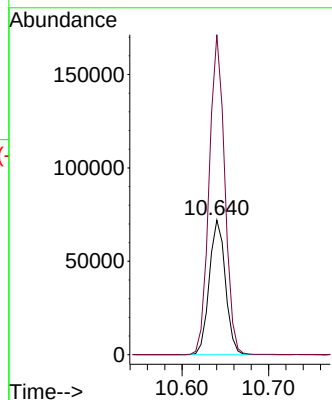
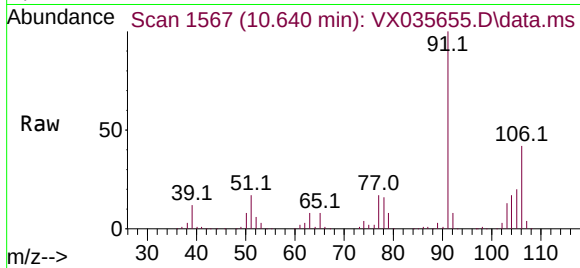




#69  
o-Xylene  
Concen: 17.062 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

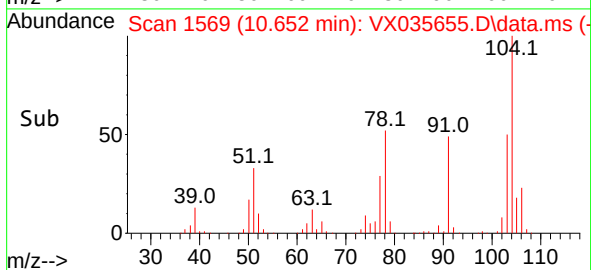
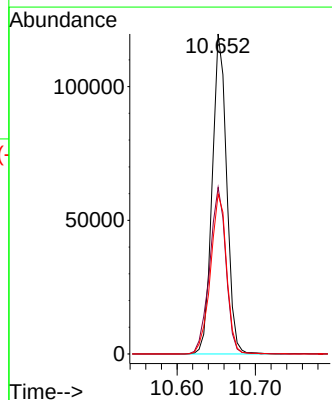
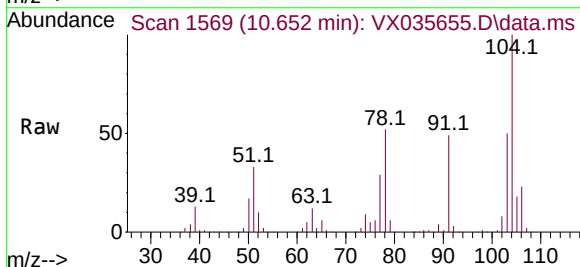
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

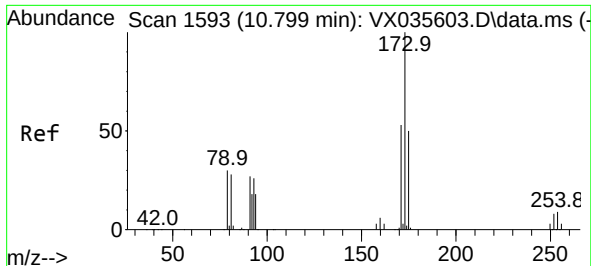
Tgt Ion:106 Resp: 93150  
Ion Ratio Lower Upper  
106 100  
91 229.5 108.5 325.3



#70  
Styrene  
Concen: 17.443 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.001 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion:104 Resp: 153479  
Ion Ratio Lower Upper  
104 100  
78 58.7 43.4 65.2  
103 55.5 44.2 66.2

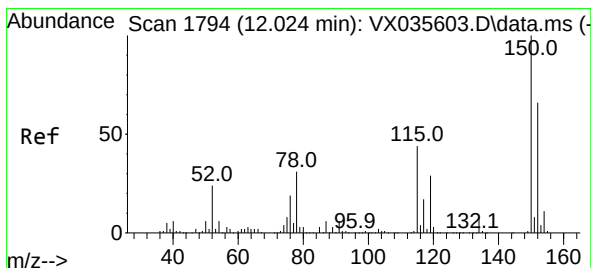
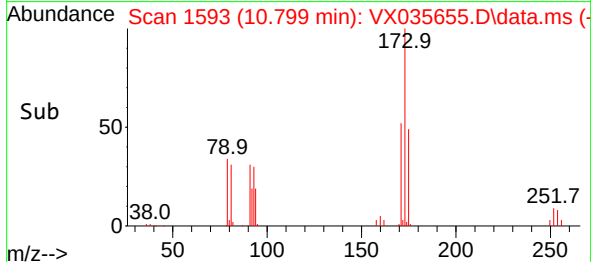
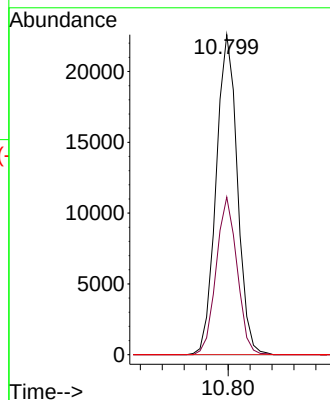
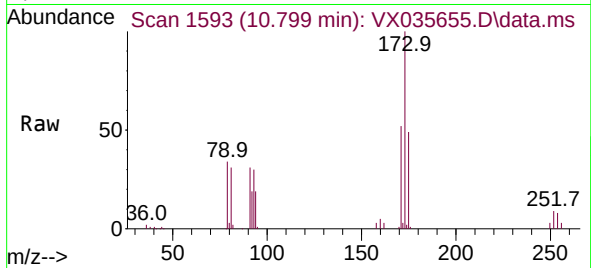




#71  
Bromoform  
Concen: 16.529 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

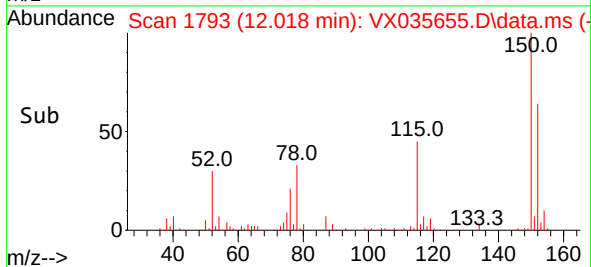
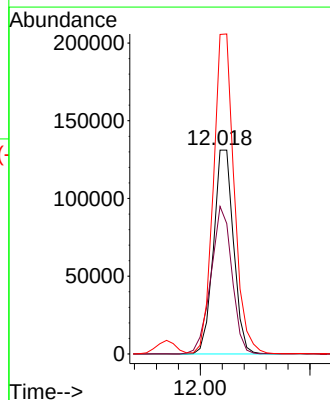
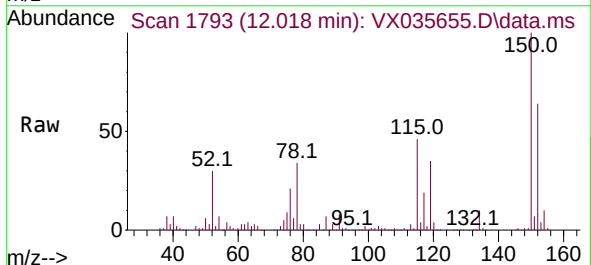
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

Tgt Ion:173 Resp: 30434  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.1 72.4  
254 0.0 0.1 0.1#

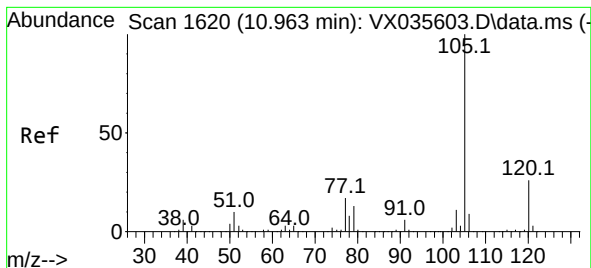


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion:152 Resp: 166466  
Ion Ratio Lower Upper  
152 100  
115 75.8 45.0 135.0  
150 162.6 0.0 352.4







#73

Isopropylbenzene

Concen: 17.239 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

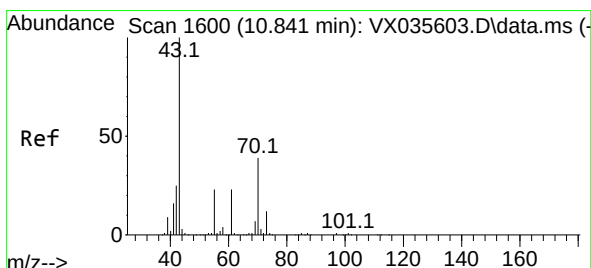
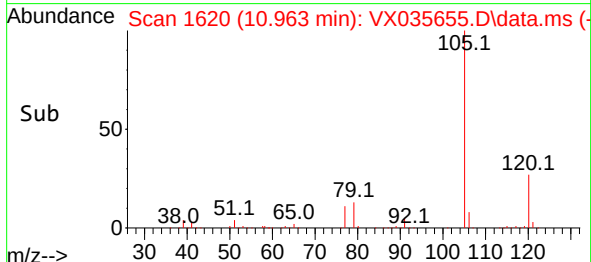
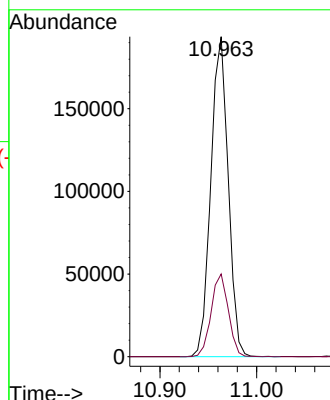
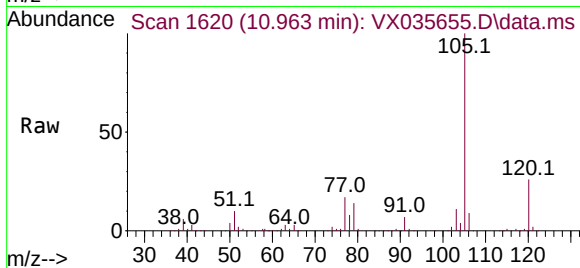
VX0515WBS01

Tgt Ion:105 Resp: 241823

Ion Ratio Lower Upper

105 100

120 25.6 13.3 39.9



#74

N-ethyl acetate

Concen: 17.573 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Tgt Ion: 43 Resp: 114931

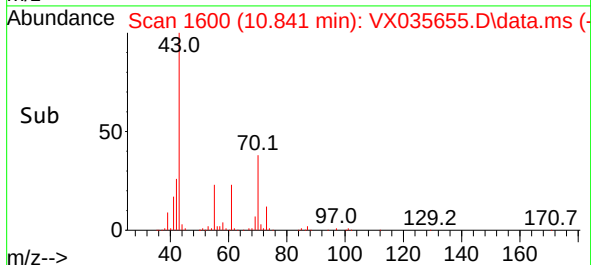
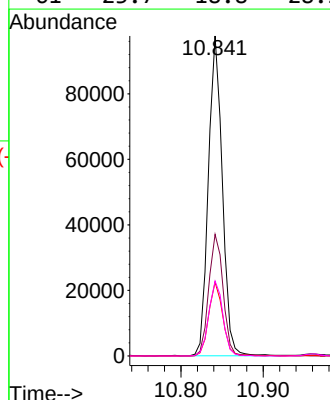
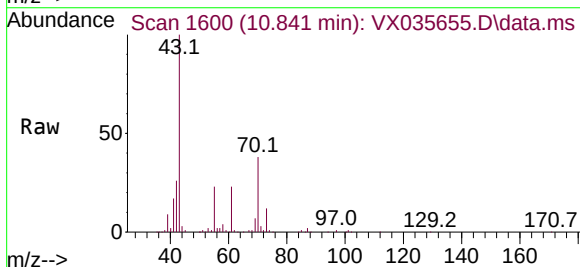
Ion Ratio Lower Upper

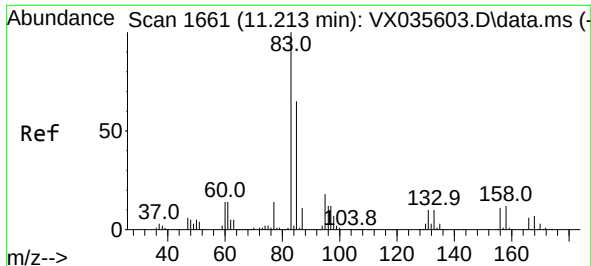
43 100

70 39.2 32.1 48.1

55 23.3 18.3 27.5

61 23.7 18.8 28.2

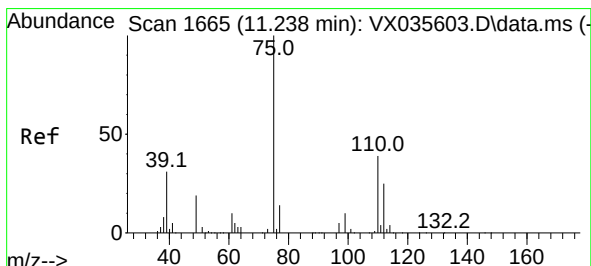
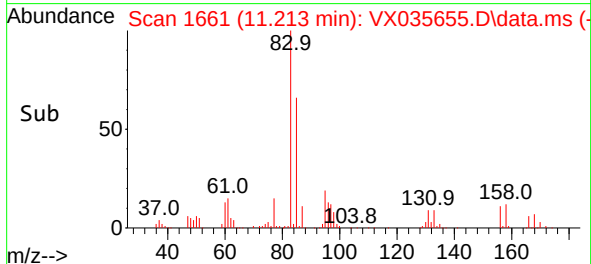
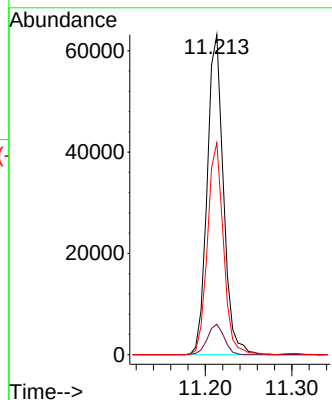
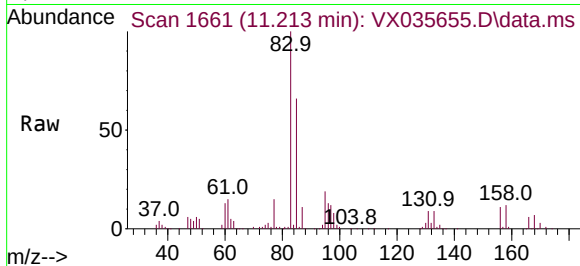




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.106 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX035655.D  
 Acq: 15 May 2023 11:07

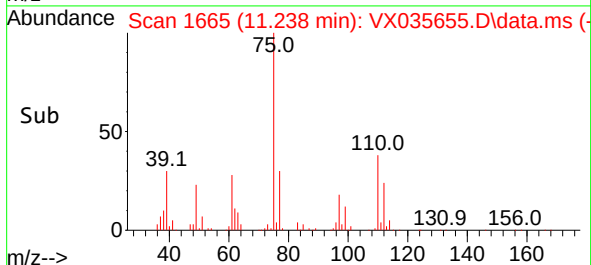
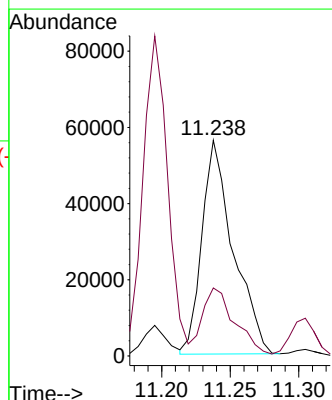
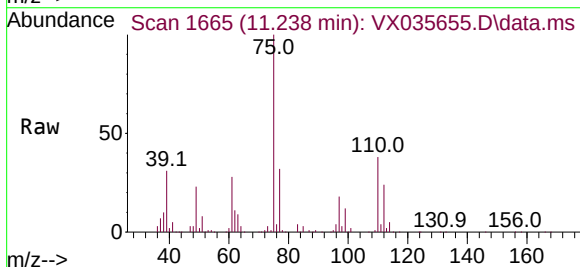
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0515WBS01

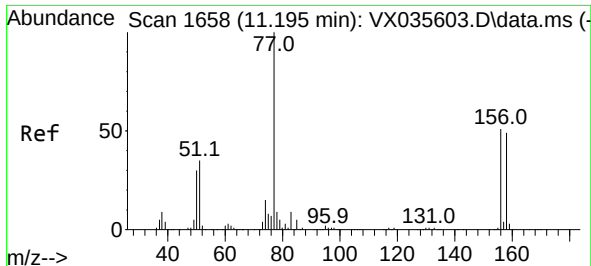
Tgt Ion: 83 Resp: 82389  
 Ion Ratio Lower Upper  
 83 100  
 131 9.8 4.8 14.3  
 85 65.0 32.0 96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 22.016 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: VX035655.D  
 Acq: 15 May 2023 11:07

Tgt Ion: 75 Resp: 89645  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 21.6 64.8

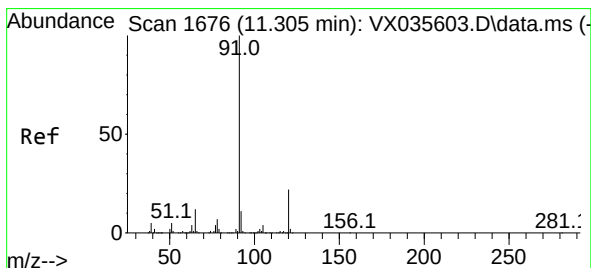
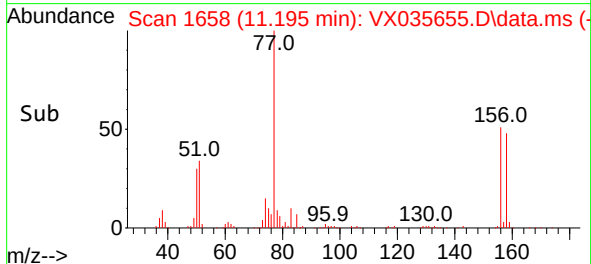
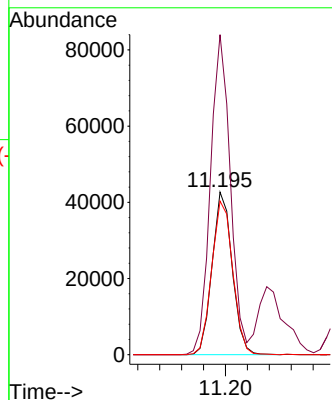
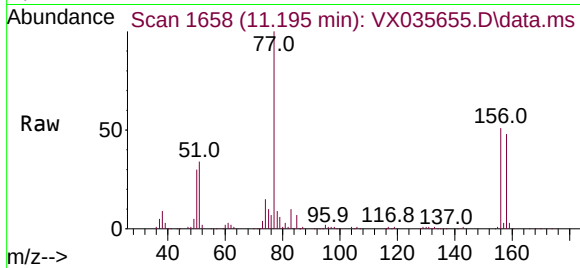




#77  
Bromobenzene  
Concen: 17.017 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

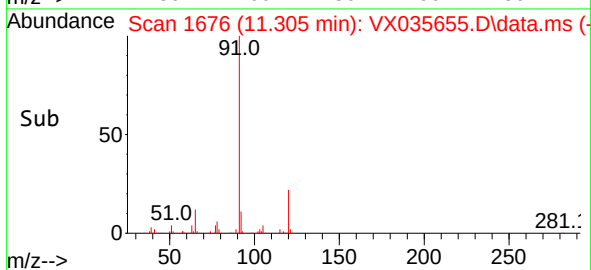
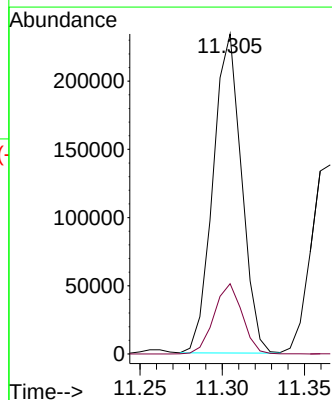
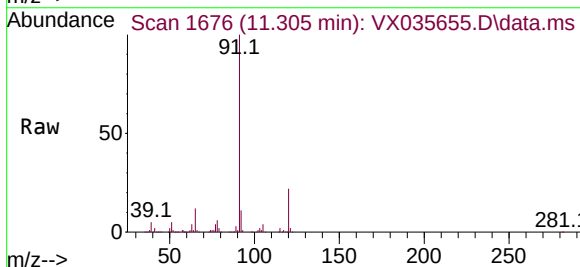
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

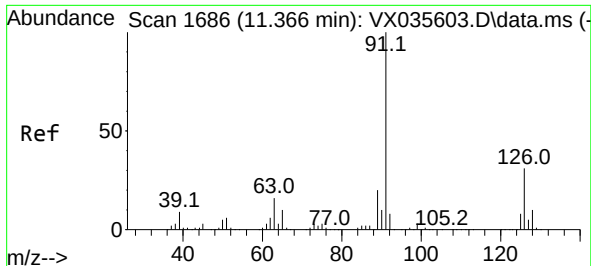
Tgt Ion:156 Resp: 54179  
Ion Ratio Lower Upper  
156 100  
77 195.5 86.7 259.9  
158 99.0 48.0 144.0



#78  
n-propylbenzene  
Concen: 17.125 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 91 Resp: 282372  
Ion Ratio Lower Upper  
91 100  
120 21.8 11.5 34.5





#79

2-Chlorotoluene

Concen: 17.311 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

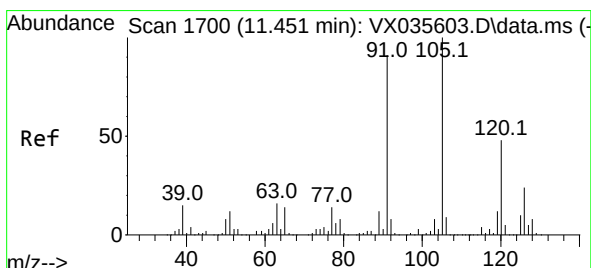
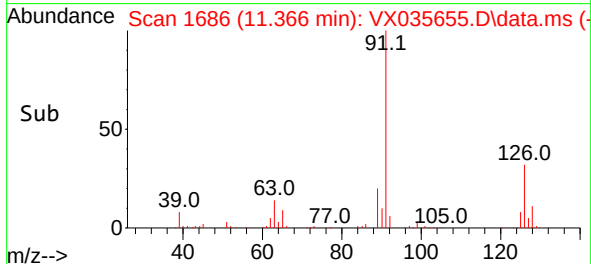
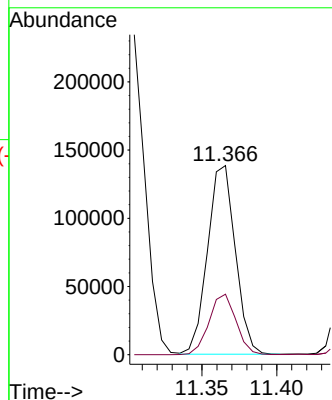
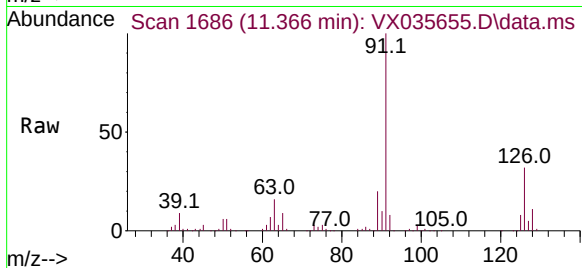
VX0515WBS01

Tgt Ion: 91 Resp: 178711

Ion Ratio Lower Upper

91 100

126 31.1 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 17.274 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035655.D

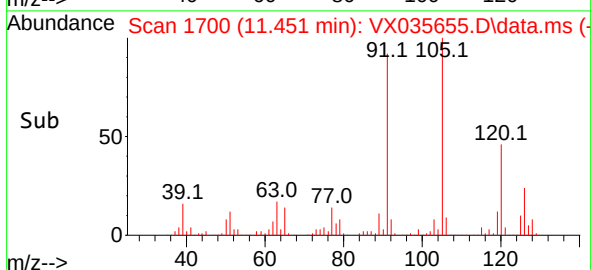
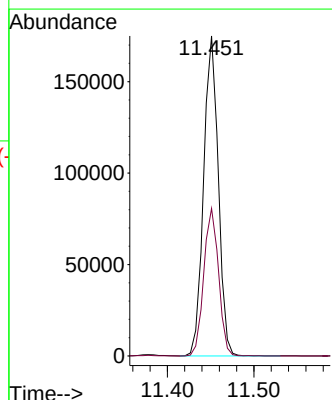
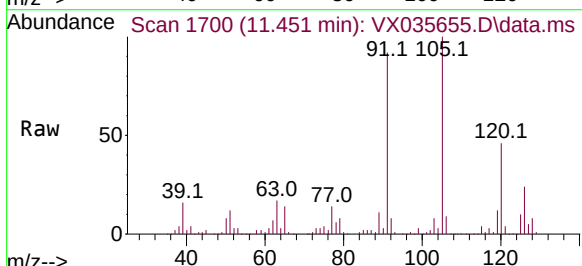
Acq: 15 May 2023 11:07

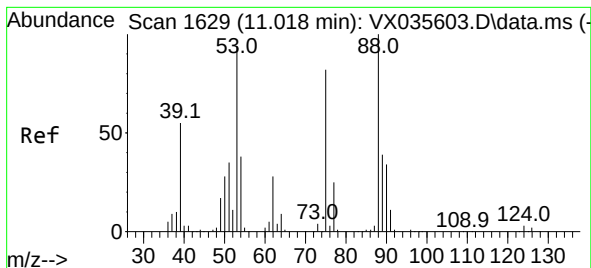
Tgt Ion: 105 Resp: 205947

Ion Ratio Lower Upper

105 100

120 46.3 23.7 71.1

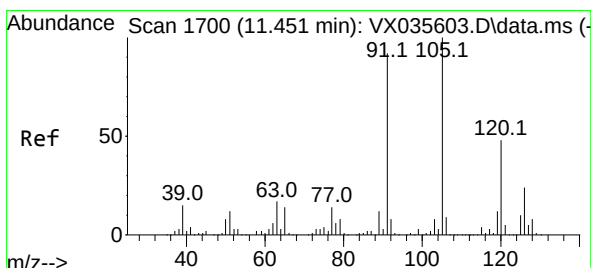
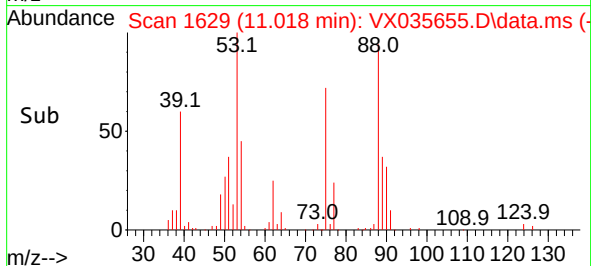
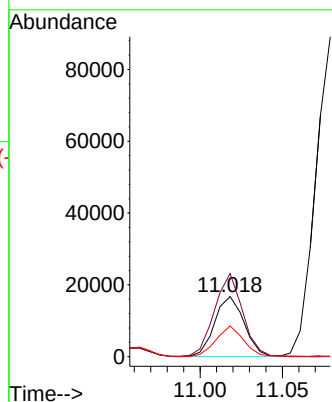
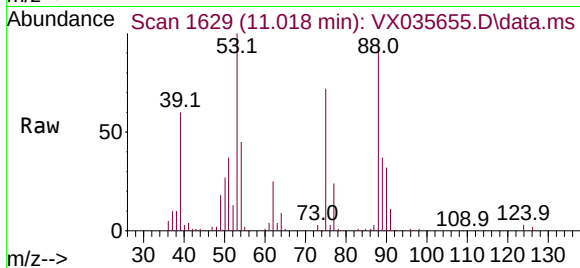




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.460 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

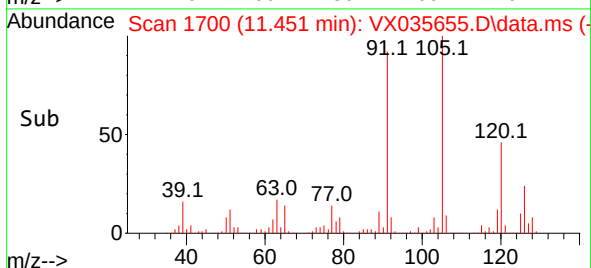
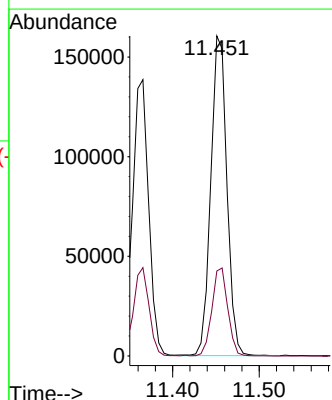
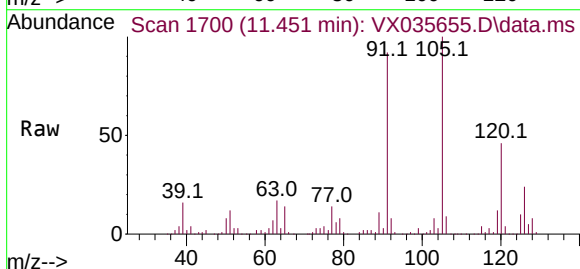
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

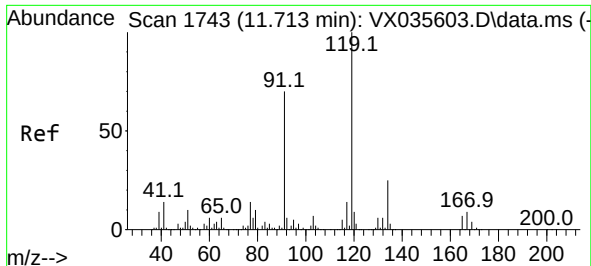
Tgt Ion: 75 Resp: 20796  
Ion Ratio Lower Upper  
75 100  
53 132.7 82.6 124.0#  
89 47.9 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 17.429 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 91 Resp: 207224  
Ion Ratio Lower Upper  
91 100  
126 27.2 14.2 42.6

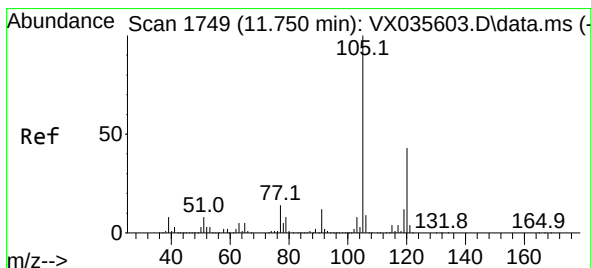
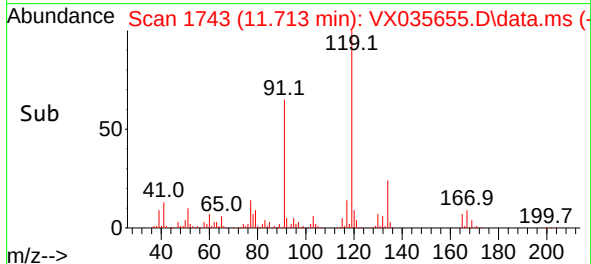
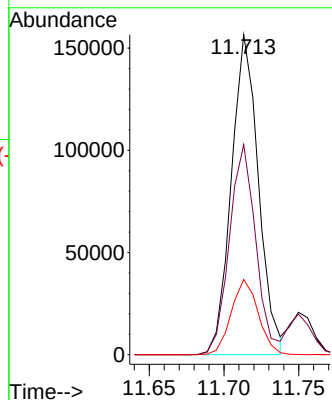
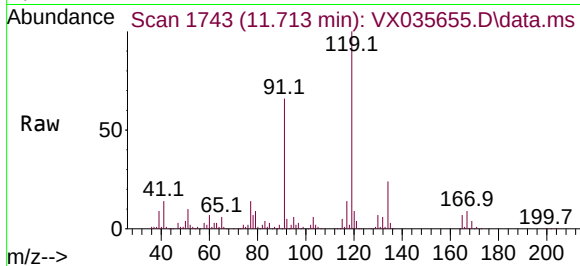




#83  
 tert-Butylbenzene  
 Concen: 17.068 ug/l  
 RT: 11.713 min Scan# 1743  
 Delta R.T. 0.000 min  
 Lab File: VX035655.D  
 Acq: 15 May 2023 11:07

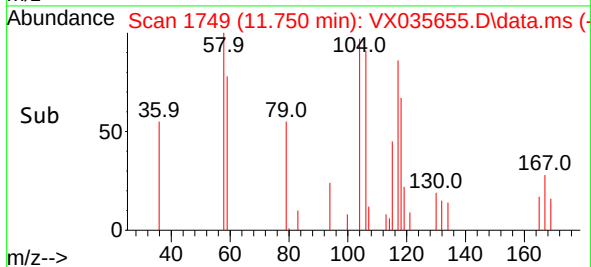
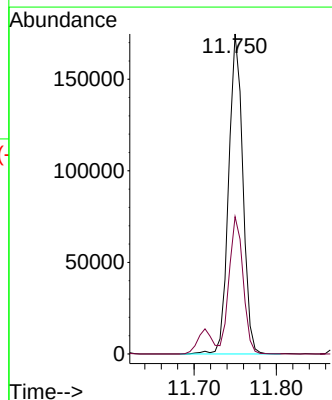
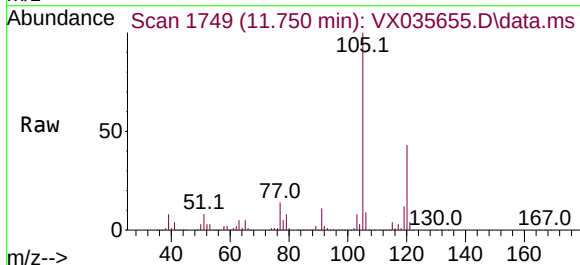
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0515WBS01

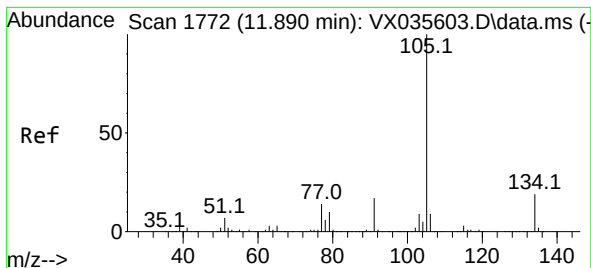
Tgt Ion:119 Resp: 197794  
 Ion Ratio Lower Upper  
 119 100  
 91 64.1 30.6 92.0  
 134 23.4 11.8 35.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 17.455 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. -0.000 min  
 Lab File: VX035655.D  
 Acq: 15 May 2023 11:07

Tgt Ion:105 Resp: 208956  
 Ion Ratio Lower Upper  
 105 100  
 120 42.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 16.385 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

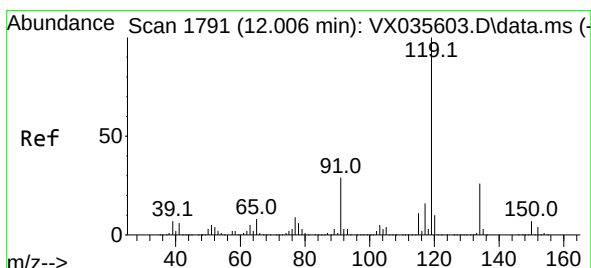
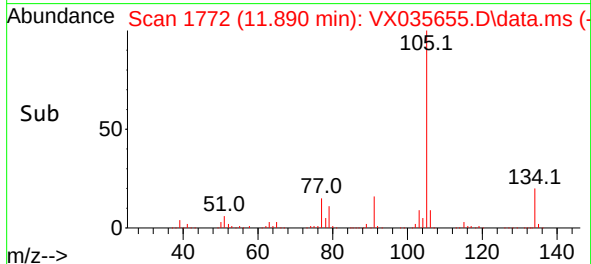
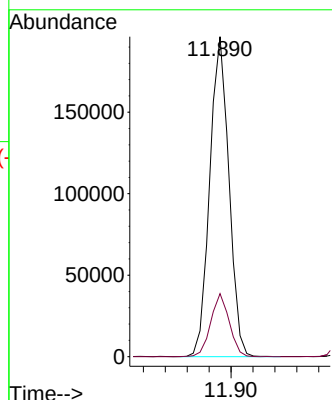
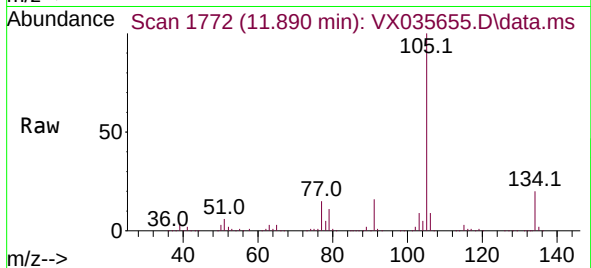
VX0515WBS01

Tgt Ion:105 Resp: 238411

Ion Ratio Lower Upper

105 100

134 19.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 16.704 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

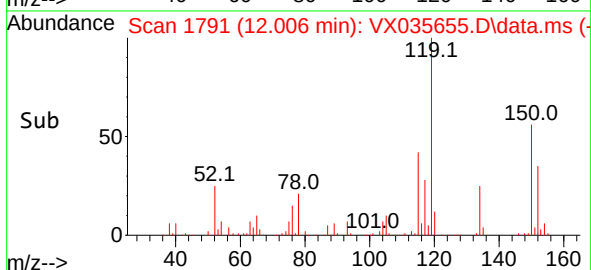
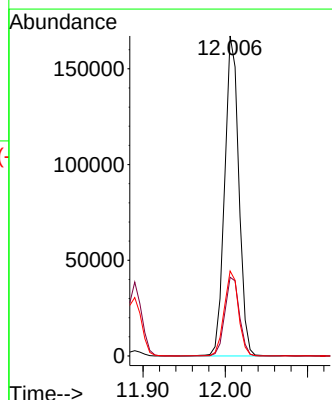
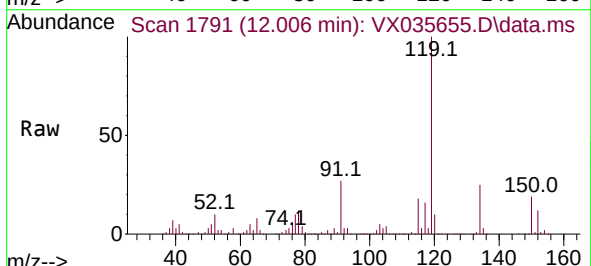
Tgt Ion:119 Resp: 199815

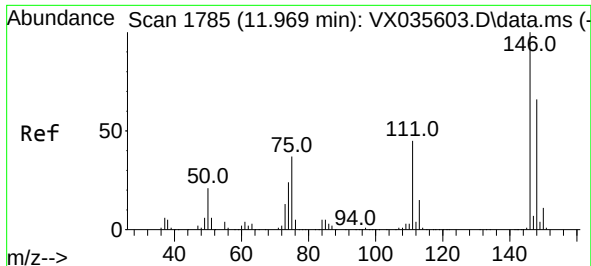
Ion Ratio Lower Upper

119 100

134 25.3 13.2 39.5

91 26.8 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 16.979 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0515WBS01

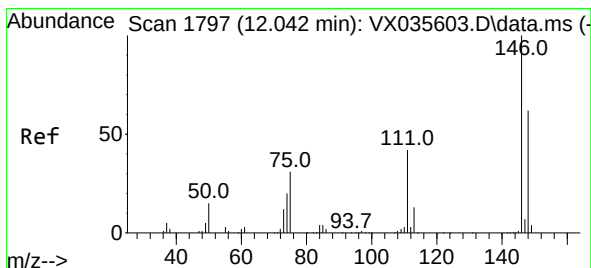
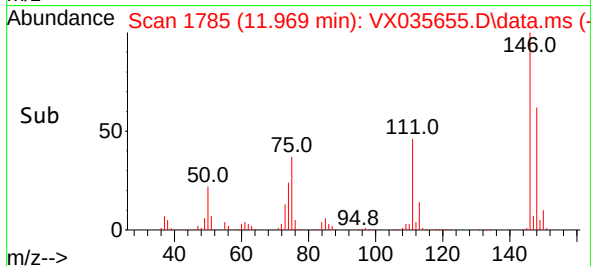
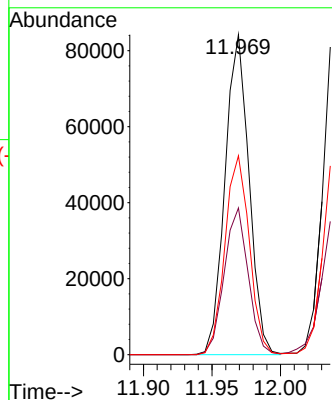
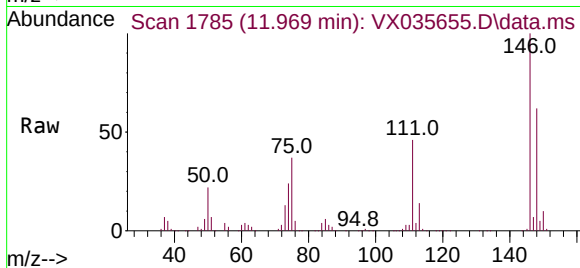
Tgt Ion:146 Resp: 102691

Ion Ratio Lower Upper

146 100

111 45.9 20.9 62.8

148 63.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 17.708 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

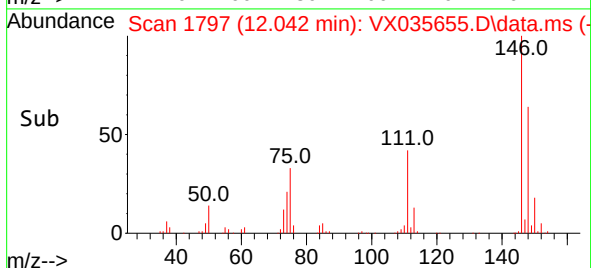
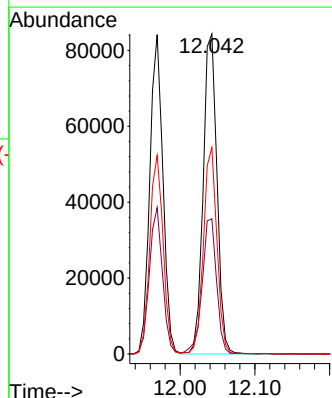
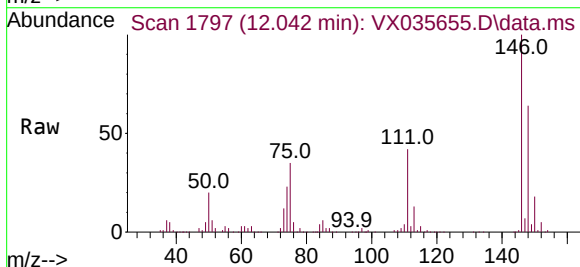
Tgt Ion:146 Resp: 108149

Ion Ratio Lower Upper

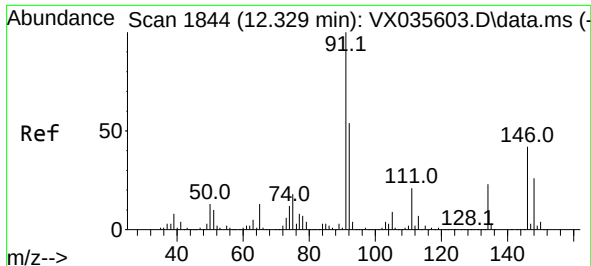
146 100

111 44.4 20.6 61.9

148 63.2 31.8 95.4







#89

n-Butylbenzene

Concen: 15.764 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX035655.D

Acq: 15 May 2023 11:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0515WBS01

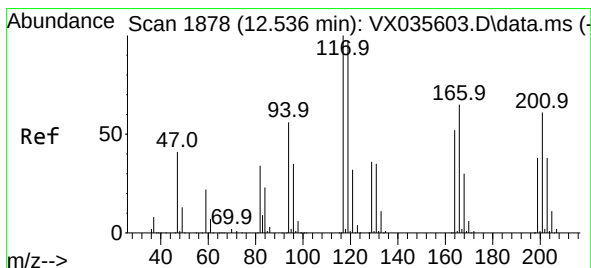
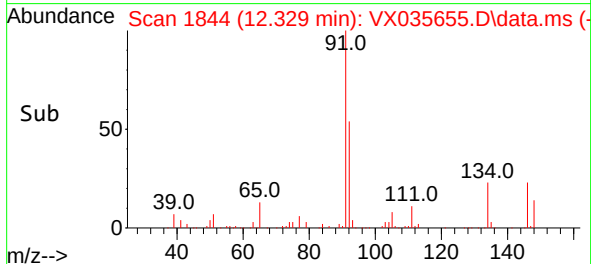
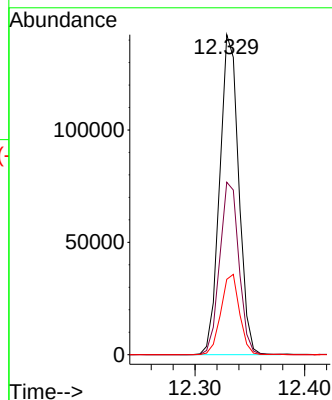
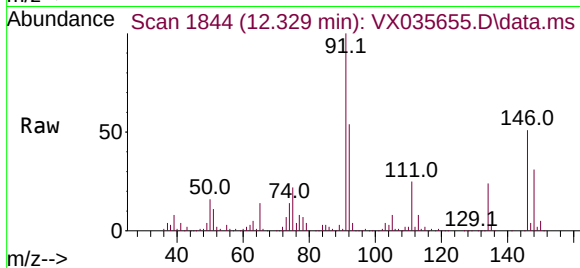
Tgt Ion: 91 Resp: 171547

Ion Ratio Lower Upper

91 100

92 54.4 27.7 83.0

134 24.6 13.0 38.9



#90

Hexachloroethane

Concen: 16.231 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035655.D

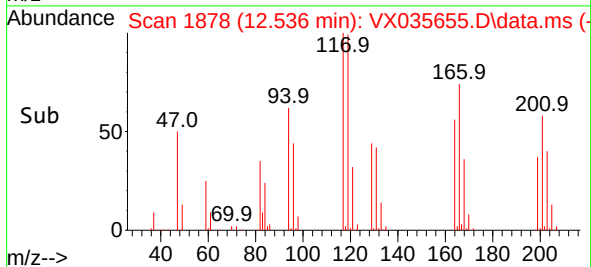
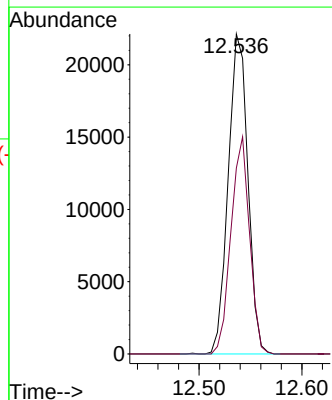
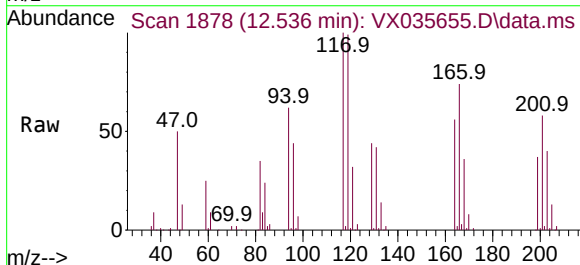
Acq: 15 May 2023 11:07

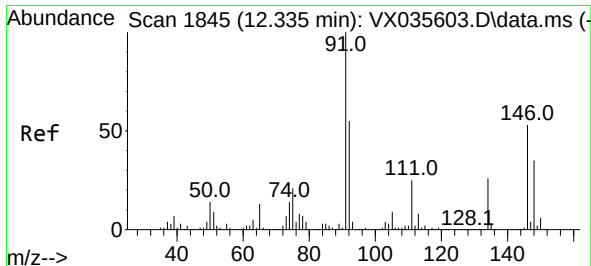
Tgt Ion: 117 Resp: 29429

Ion Ratio Lower Upper

117 100

201 64.3 34.4 103.1

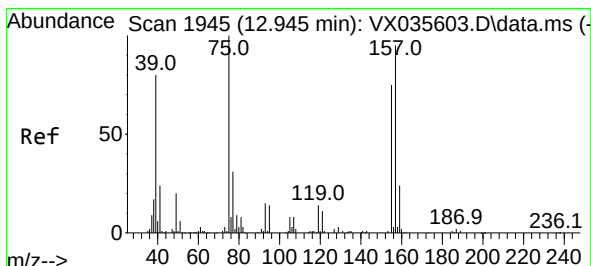
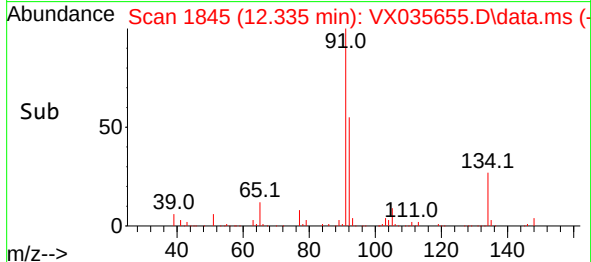
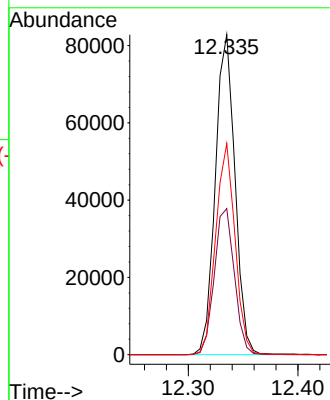
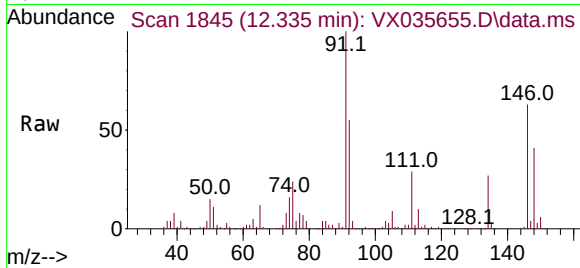




#91  
1,2-Dichlorobenzene  
Concen: 17.448 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

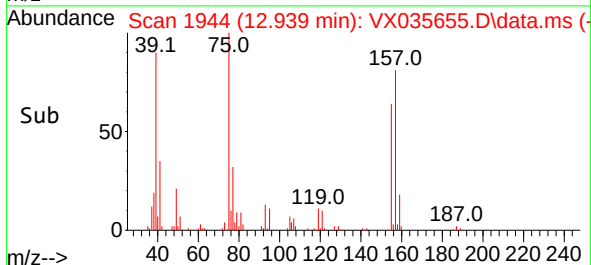
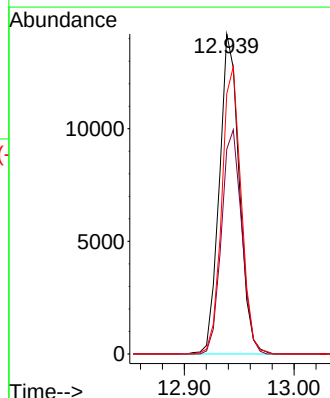
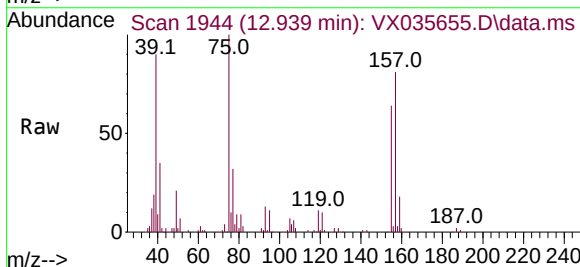
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

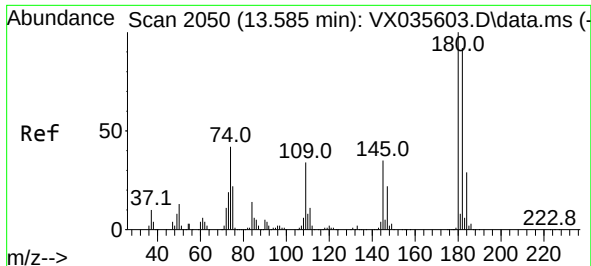
Tgt Ion:146 Resp: 103341  
Ion Ratio Lower Upper  
146 100  
111 46.6 22.0 66.0  
148 65.0 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.682 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion: 75 Resp: 17917  
Ion Ratio Lower Upper  
75 100  
155 71.1 38.4 115.1  
157 87.4 49.9 149.7

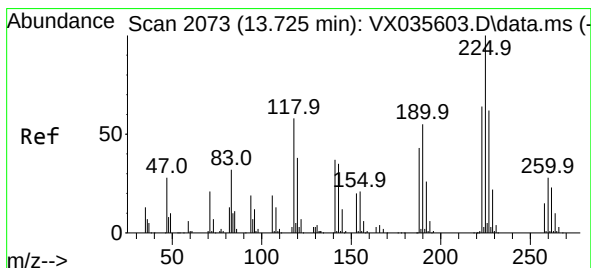
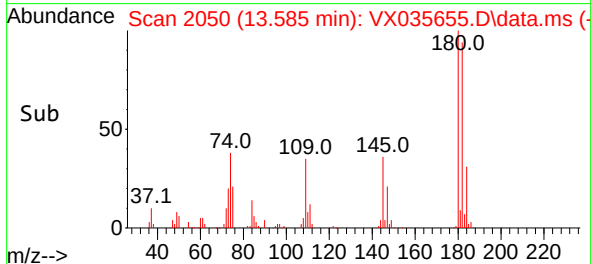
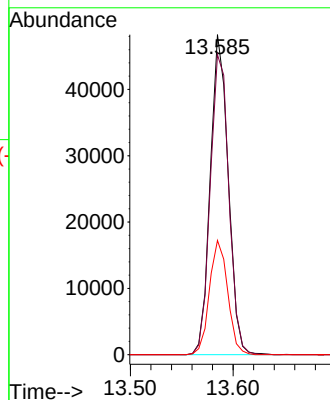
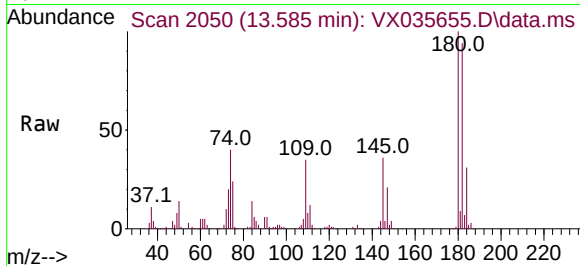




#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.414 ug/l  
 RT: 13.585 min Scan# 2050  
 Delta R.T. -0.000 min  
 Lab File: VX035655.D  
 Acq: 15 May 2023 11:07

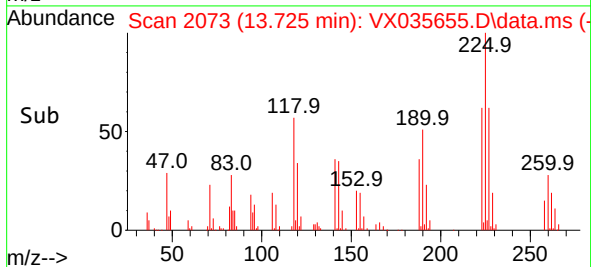
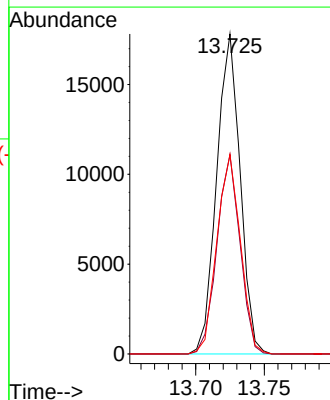
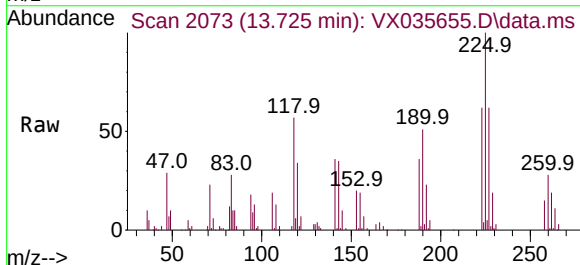
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0515WBS01

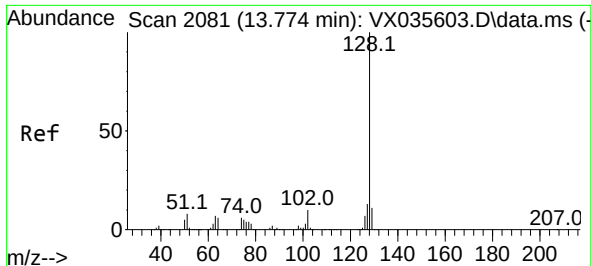
Tgt Ion:180 Resp: 58537  
 Ion Ratio Lower Upper  
 180 100  
 182 97.2 47.0 141.0  
 145 36.2 15.9 47.7



#94  
 Hexachlorobutadiene  
 Concen: 14.967 ug/l  
 RT: 13.725 min Scan# 2073  
 Delta R.T. 0.000 min  
 Lab File: VX035655.D  
 Acq: 15 May 2023 11:07

Tgt Ion:225 Resp: 21185  
 Ion Ratio Lower Upper  
 225 100  
 223 61.1 32.1 96.5  
 227 62.7 31.8 95.4

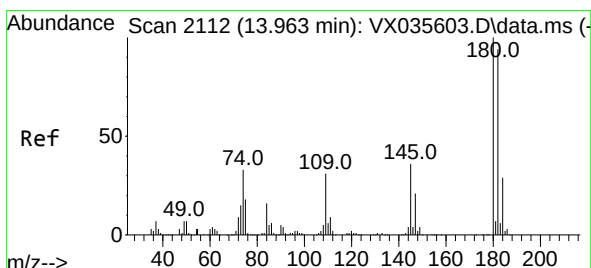
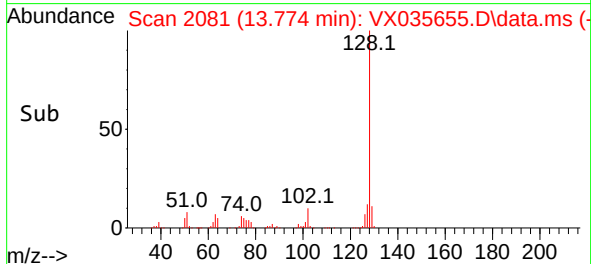
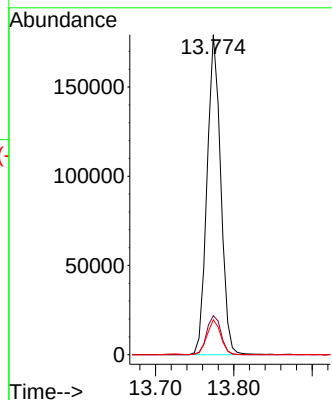
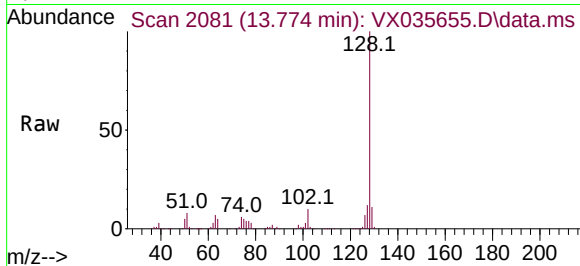




#95  
Naphthalene  
Concen: 17.759 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0515WBS01

Tgt Ion:128 Resp: 216885  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 17.089 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX035655.D  
Acq: 15 May 2023 11:07

Tgt Ion:180 Resp: 59935  
Ion Ratio Lower Upper  
180 100  
182 93.1 48.0 144.2  
145 36.8 17.7 53.1

