

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030323\  
 Data File : VX034334.D  
 Acq On : 03 Mar 2023 19:43  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 03 22:18:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 268967   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 455574   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 419853   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 218500   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 158139   | 43.656   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 87.320%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 132619   | 44.710   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 89.420%  |
| 50) Toluene-d8               | 8.647  | 98    | 486174   | 45.651   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 91.300%# |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 200397   | 49.194   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 98.380%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 126313   | 54.348   | ug/l   | 99       |
| 3) Chloromethane             | 1.301  | 50    | 180240   | 53.890   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 184269   | 60.496   | ug/l   | 99       |
| 5) Bromomethane              | 1.599  | 94    | 91398    | 83.580   | ug/l   | 98       |
| 6) Chloroethane              | 1.685  | 64    | 106434   | 69.506   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 272105   | 66.031   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136  | 74    | 100852   | 60.747   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 142042   | 48.944   | ug/l   | 96       |
| 10) Methyl Iodide            | 2.453  | 142   | 193932   | 54.884   | ug/l   | 94       |
| 11) Tert butyl alcohol       | 2.959  | 59    | 184791   | 228.085  | ug/l # | 83       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 144962   | 49.829   | ug/l   | 95       |
| 13) Acrolein                 | 2.233  | 56    | 103156   | 278.925  | ug/l   | 98       |
| 14) Allyl chloride           | 2.666  | 41    | 285683   | 46.294   | ug/l   | 91       |
| 15) Acrylonitrile            | 3.063  | 53    | 469198   | 265.468  | ug/l   | 99       |
| 16) Acetone                  | 2.380  | 43    | 373589   | 199.931  | ug/l   | 93       |
| 17) Carbon Disulfide         | 2.514  | 76    | 392766   | 46.959   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703  | 43    | 306016   | 52.927   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 532572   | 51.869   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 167911   | 49.872   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 161713   | 53.048   | ug/l   | 99       |
| 22) Diisopropyl ether        | 3.757  | 45    | 596277   | 55.115   | ug/l   | 98       |
| 23) Vinyl Acetate            | 3.721  | 43    | 2354375  | 271.622  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 307340   | 51.747   | ug/l   | 98       |
| 25) 2-Butanone               | 4.556  | 43    | 670633   | 248.044  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 251711   | 46.784   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 192177   | 53.237   | ug/l   | 97       |
| 28) Bromochloromethane       | 4.898  | 49    | 121215   | 45.751   | ug/l   | 87       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 443460   | 268.868  | ug/l   | 99       |
| 30) Chloroform               | 5.093  | 83    | 312222   | 54.746   | ug/l   | 100      |
| 31) Cyclohexane              | 5.471  | 56    | 285005   | 52.699   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 274357   | 53.665   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 230906   | 52.637   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.715  | 43    | 268324   | 54.731   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 234766   | 52.008   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.379  | 83    | 278758   | 49.379   | ug/l   | 98       |
| 40) Benzene                  | 6.038  | 78    | 701203   | 53.939   | ug/l   | 100      |

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 Sample : VSTDCCC050  
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 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 03 22:18:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 149933   | 54.890   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 247606   | 54.155   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 461360   | 53.327   | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 180476   | 54.098   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 185962   | 53.735   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 124698   | 54.750   | ug/l   | 87       |
| 47) Bromodichloromethane      | 7.824  | 83   | 248584   | 53.184   | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 220621   | 53.728   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 83965    | 1025.158 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1392950  | 292.645  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 446351   | 56.665   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 286795   | 53.306   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 301828   | 52.403   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 181138   | 56.970   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 302529   | 56.246   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 312475   | 56.486   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 589915   | 253.183  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.427  | 43   | 1056685  | 291.297  | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.519  | 129  | 197451   | 56.203   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 194100   | 57.723   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 150438   | 50.768   | ug/l   | 95       |
| 65) Chlorobenzene             | 10.080 | 112  | 480189   | 54.867   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 182738   | 53.936   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 874705   | 55.632   | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 673107   | 111.867  | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 336394   | 56.157   | ug/l   | 95       |
| 70) Styrene                   | 10.653 | 104  | 559171   | 57.396   | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 149101   | 53.914   | ug/l   | 100      |
| 73) Isopropylbenzene          | 10.964 | 105  | 869509   | 52.215   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 446308   | 53.348   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 298662   | 52.437   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 342077   | 62.218   | ug/l   | 82       |
| 77) Bromobenzene              | 11.195 | 156  | 209261   | 52.219   | ug/l   | 83       |
| 78) n-propylbenzene           | 11.305 | 91   | 1024728  | 52.911   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 628658   | 52.937   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 736372   | 52.596   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 100415   | 46.918   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 719061   | 53.162   | ug/l   | 95       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 751165   | 52.386   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 745477   | 52.661   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 913665   | 52.470   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 760542   | 52.775   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 391382   | 52.076   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 394525   | 52.045   | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.329 | 91   | 665897   | 51.880   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 149613   | 49.654   | ug/l   | 79       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 387246   | 52.663   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 66246    | 48.775   | ug/l   | 76       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 234817   | 49.740   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 91714    | 46.863   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 821860   | 51.678   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 233636   | 49.849   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

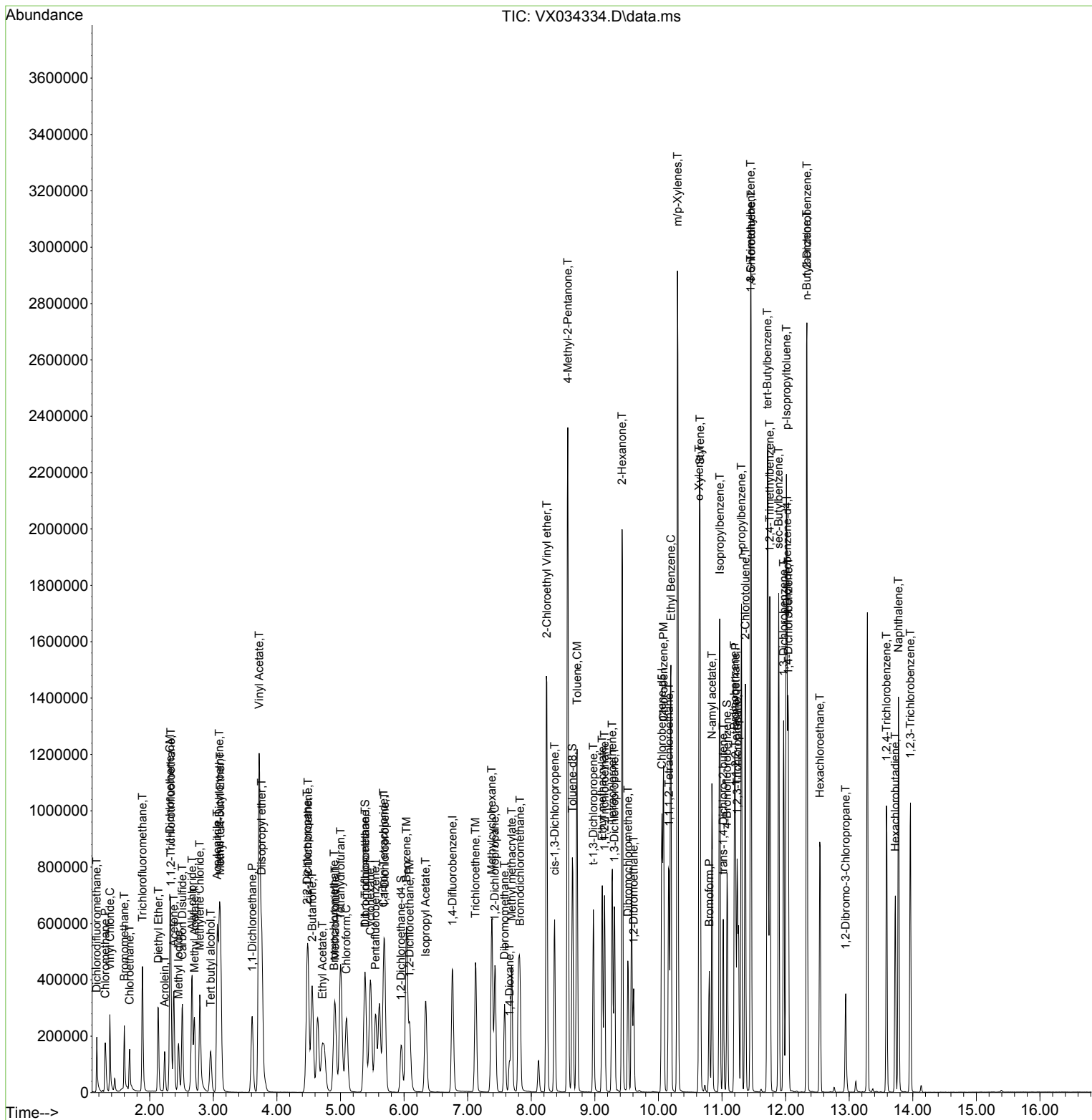
Instrument :  
MSVOA\_X  
ClientSampleId :

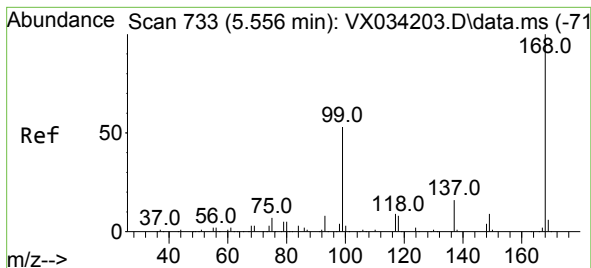
Quant Time: Mar 03 22:18:05 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 17 12:33:35 2023  
Response via : Initial Calibration

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

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

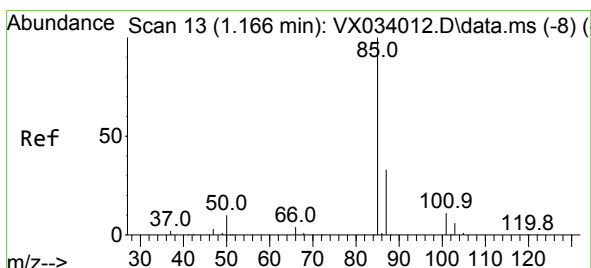
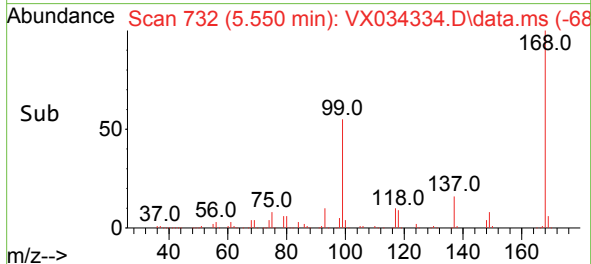
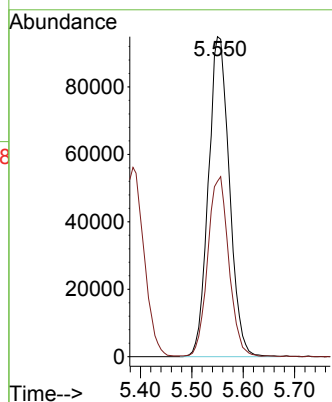
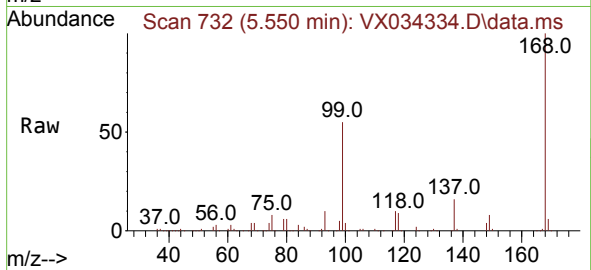
ClientSampleId :

Tgt Ion:168 Resp: 268967

Ion Ratio Lower Upper

168 100

99 54.7 39.6 59.4



#2

Dichlorodifluoromethane

Concen: 54.348 ug/l

RT: 1.167 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX034334.D

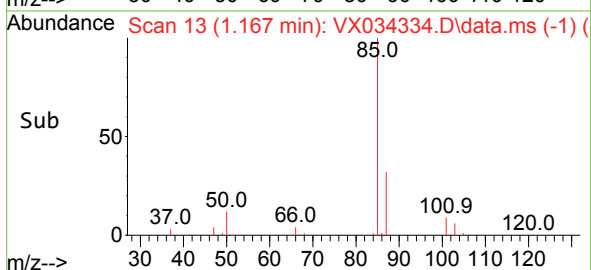
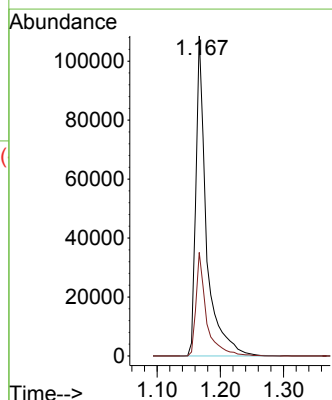
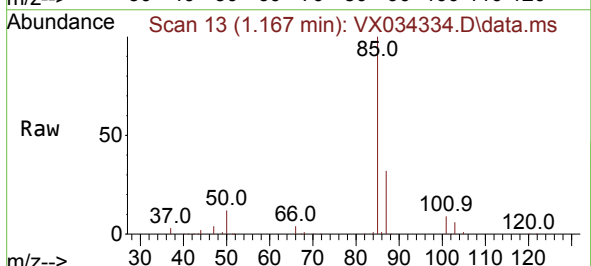
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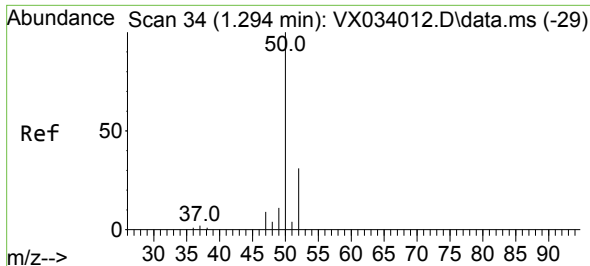
Tgt Ion: 85 Resp: 126313

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4

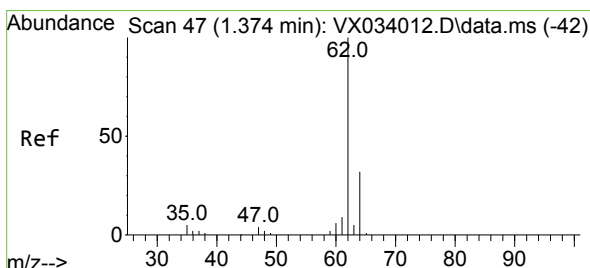
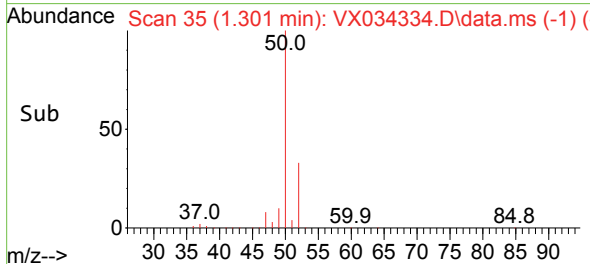
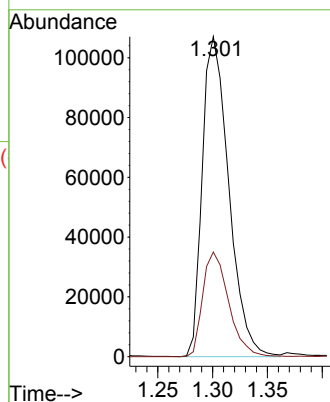
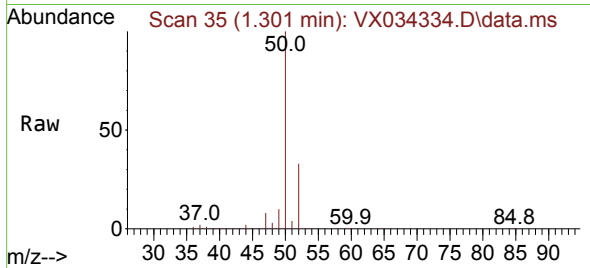




#3  
Chloromethane  
Concen: 53.890 ug/l  
RT: 1.301 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

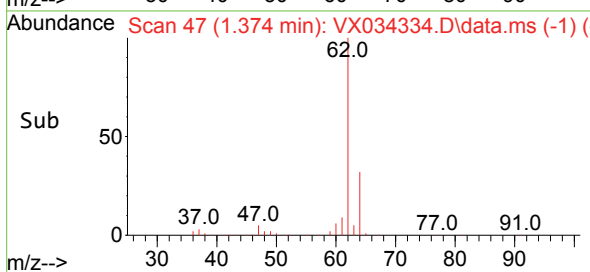
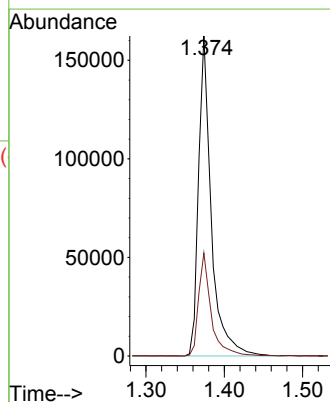
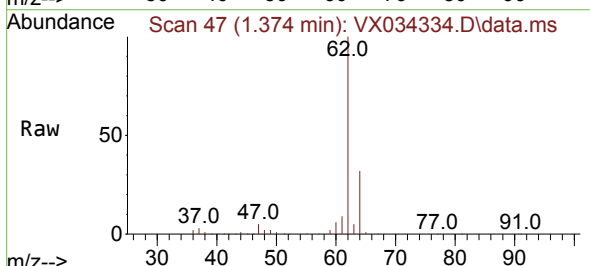
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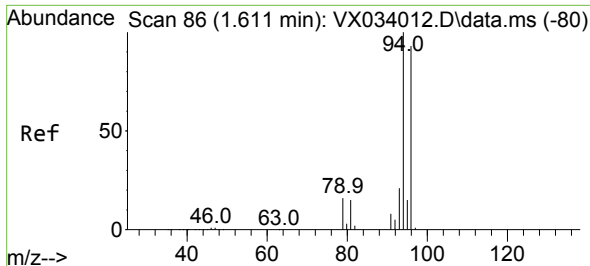
Tgt Ion: 50 Resp: 180240  
Ion Ratio Lower Upper  
50 100  
52 32.7 25.2 37.8



#4  
Vinyl Chloride  
Concen: 60.496 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 62 Resp: 184269  
Ion Ratio Lower Upper  
62 100  
64 32.2 26.2 39.4

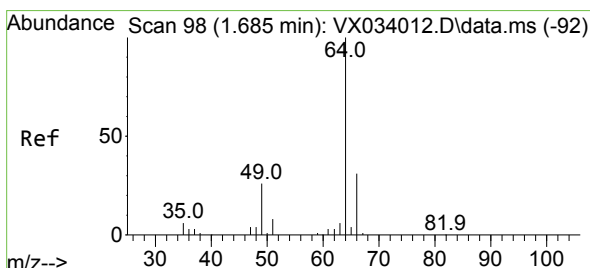
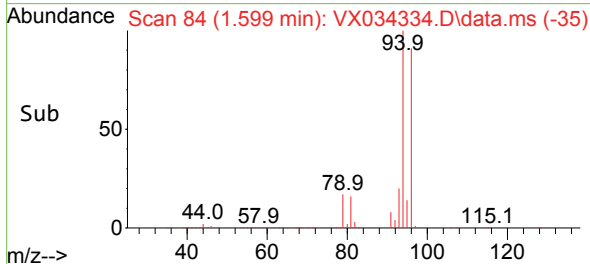
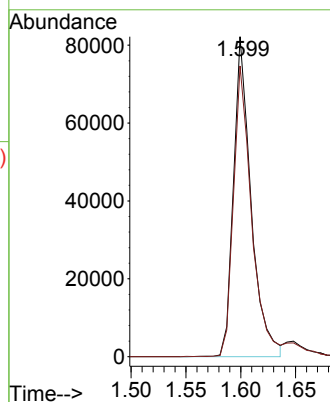
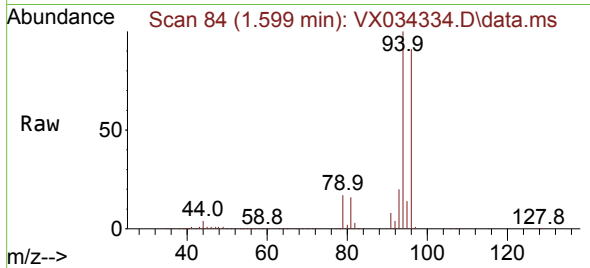




#5  
Bromomethane  
Concen: 83.580 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

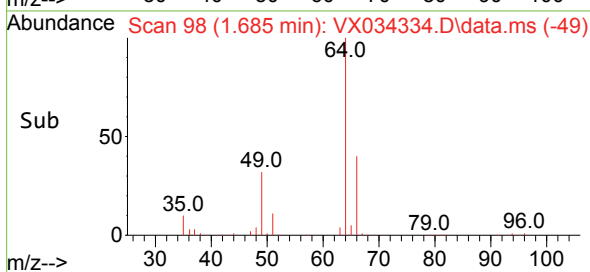
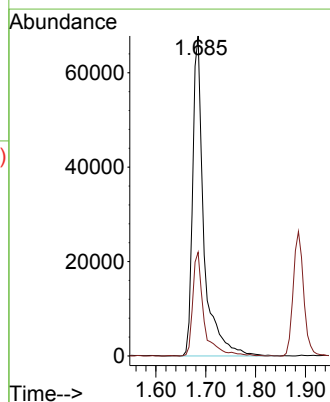
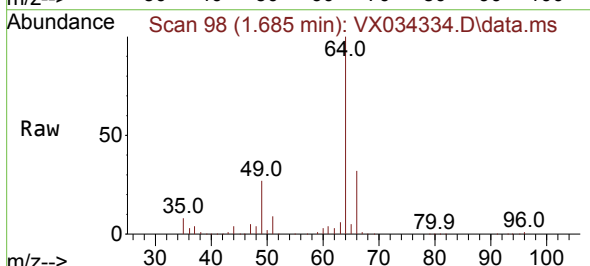
Instrument :  
MSVOA\_X  
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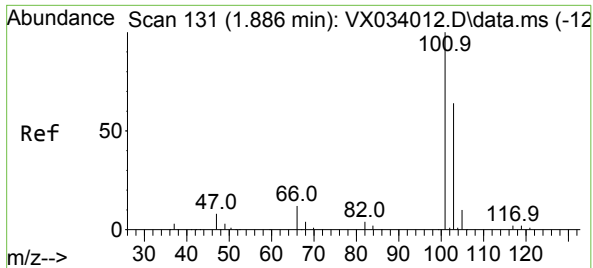
Tgt Ion: 94 Resp: 91398  
Ion Ratio Lower Upper  
94 100  
96 90.9 74.3 111.5



#6  
Chloroethane  
Concen: 69.506 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 64 Resp: 106434  
Ion Ratio Lower Upper  
64 100  
66 32.4 26.1 39.1

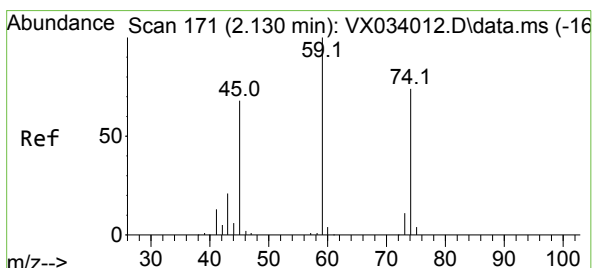
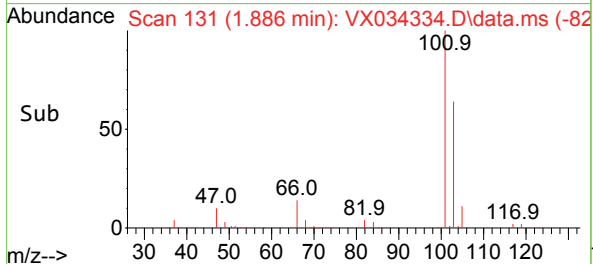
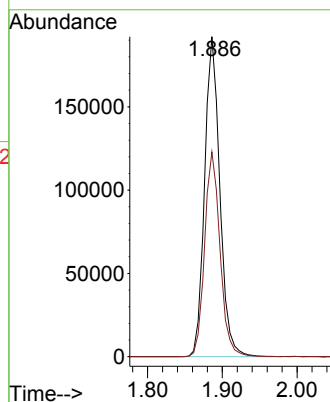
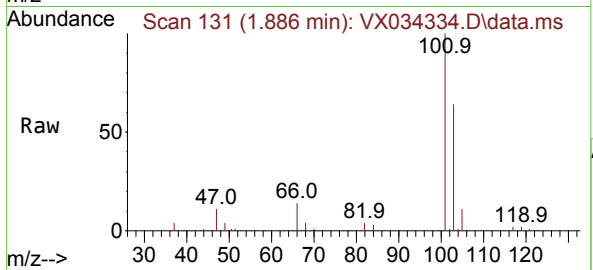




#7  
 Trichlorofluoromethane  
 Concen: 66.031 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

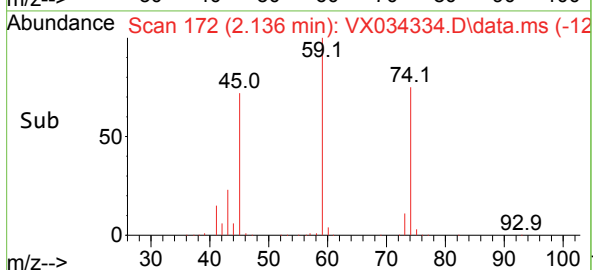
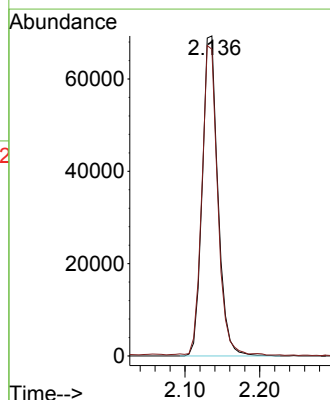
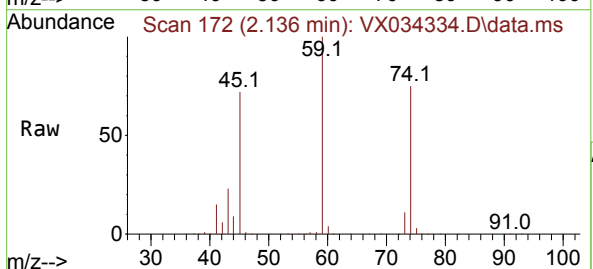
Instrument :  
 MSVOA\_X  
 ClientSampleId :

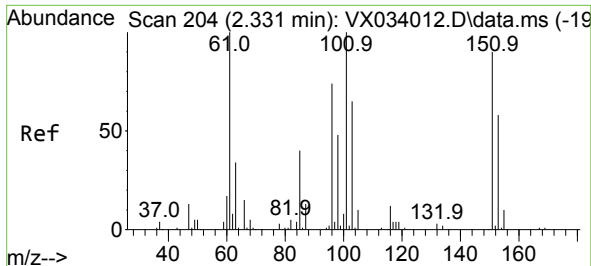
Tgt Ion:101 Resp: 272105  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 50.6 75.8



#8  
 Diethyl Ether  
 Concen: 60.747 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

Tgt Ion: 74 Resp: 100852  
 Ion Ratio Lower Upper  
 74 100  
 45 97.7 51.5 154.5

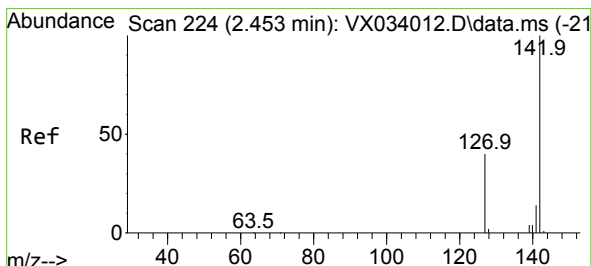
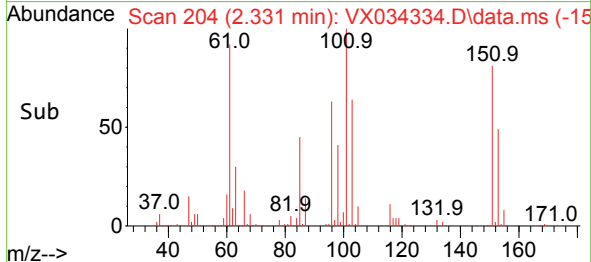
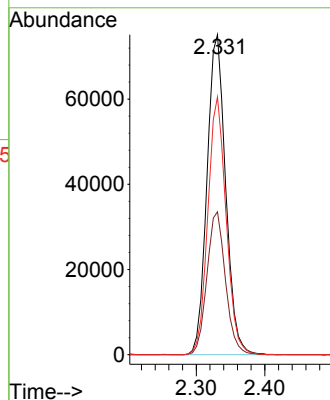
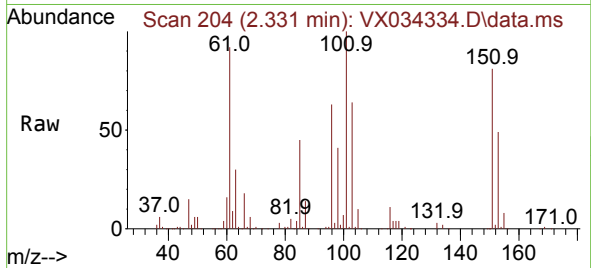




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.944 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

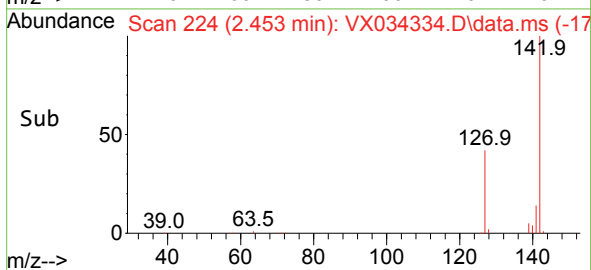
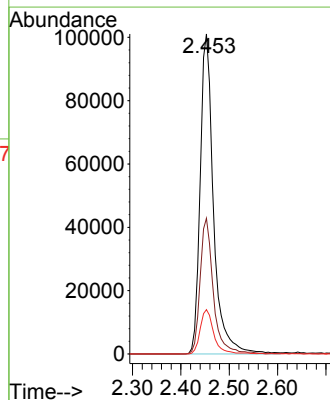
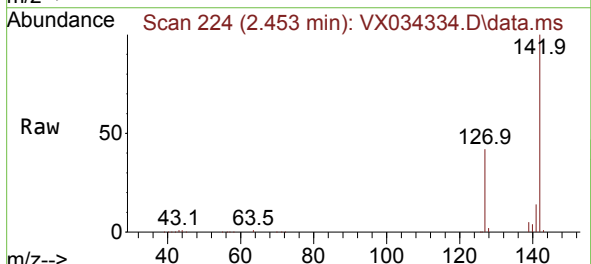
Instrument :  
MSVOA\_X  
ClientSampleId :

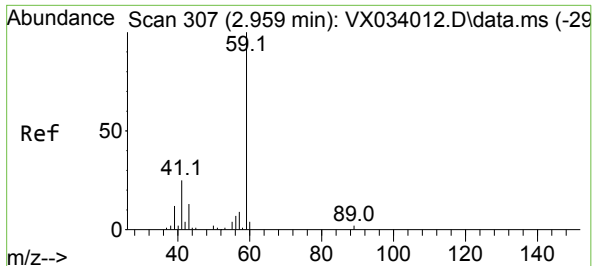
Tgt Ion:101 Resp: 142042  
Ion Ratio Lower Upper  
101 100  
85 44.4 36.7 55.1  
151 78.9 66.5 99.7



#10  
Methyl Iodide  
Concen: 54.884 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion:142 Resp: 193932  
Ion Ratio Lower Upper  
142 100  
127 41.9 37.3 55.9  
141 13.9 11.5 17.3

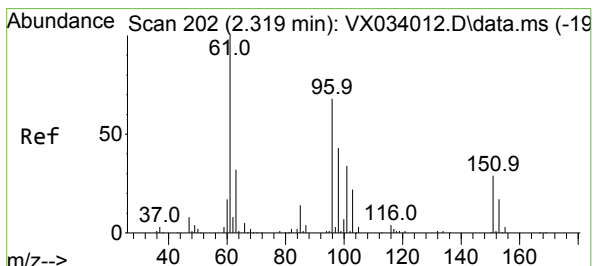
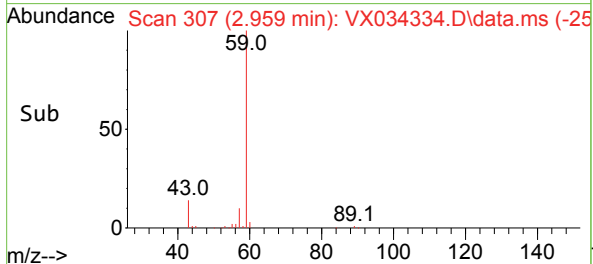
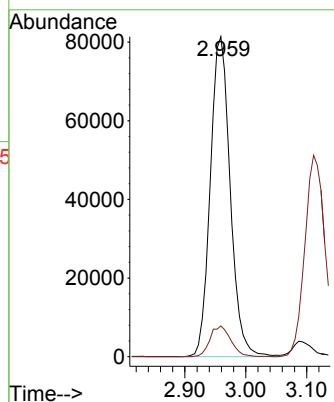
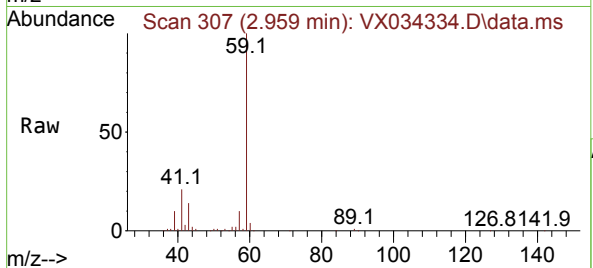




#11  
Tert butyl alcohol  
Concen: 228.085 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

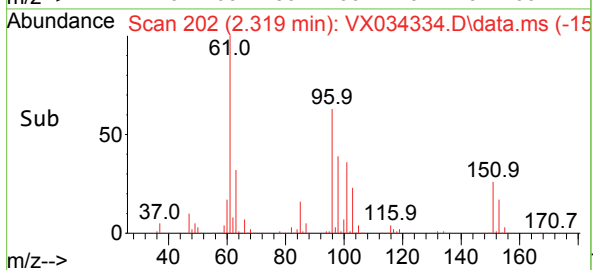
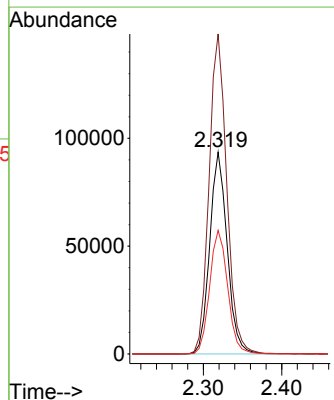
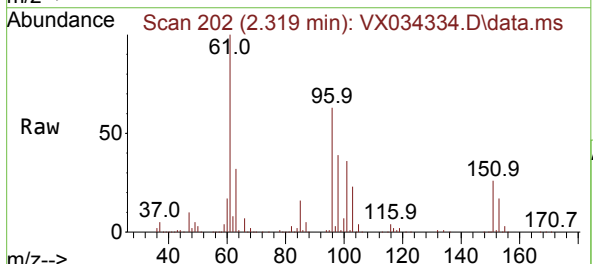
Instrument :  
MSVOA\_X  
ClientSampleId :

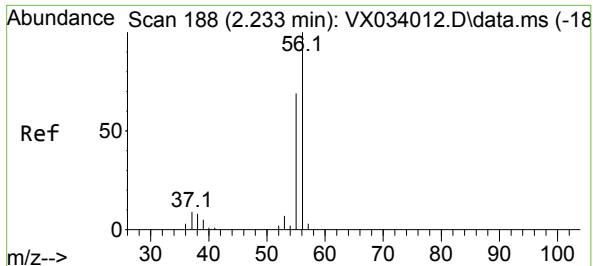
Tgt Ion: 59 Resp: 184791  
Ion Ratio Lower Upper  
59 100  
57 10.1 3.7 5.5#



#12  
1,1-Dichloroethene  
Concen: 49.829 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 96 Resp: 144962  
Ion Ratio Lower Upper  
96 100  
61 158.6 134.2 201.4  
98 61.2 50.2 75.2

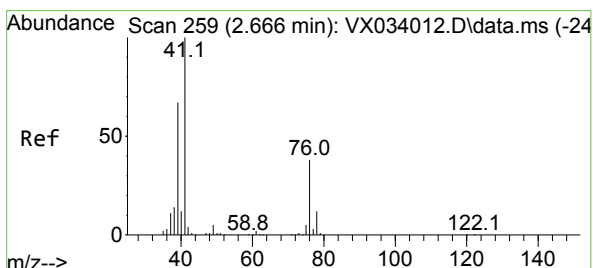
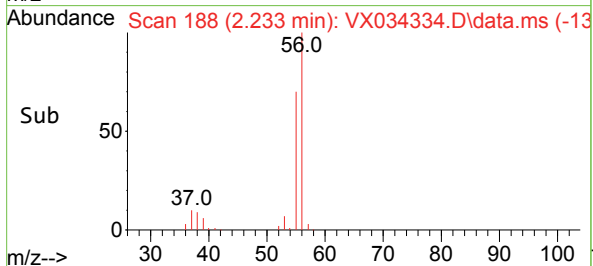
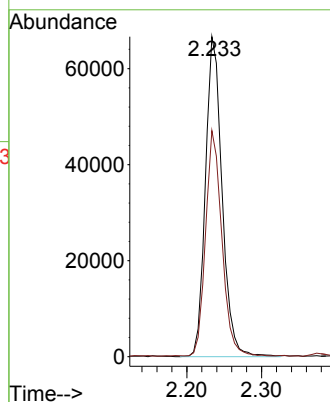
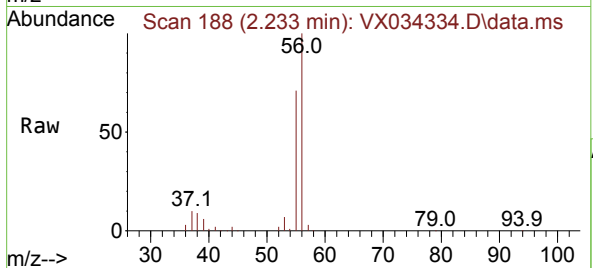




#13  
Acrolein  
Concen: 278.925 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

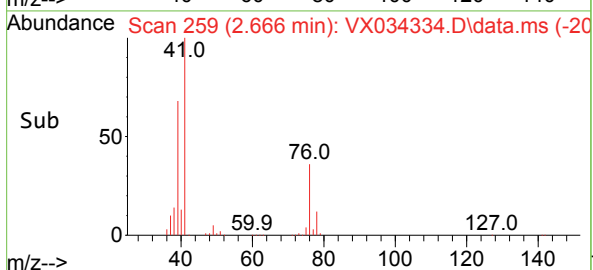
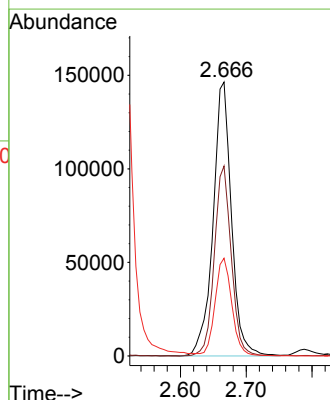
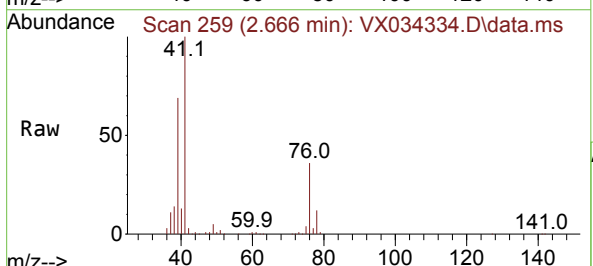
Instrument :  
MSVOA\_X  
ClientSampleId :

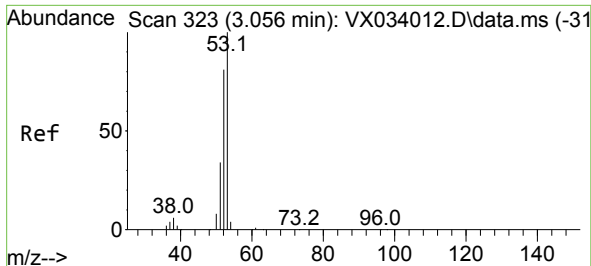
Tgt Ion: 56 Resp: 103156  
Ion Ratio Lower Upper  
56 100  
55 68.5 56.3 84.5



#14  
Allyl chloride  
Concen: 46.294 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 41 Resp: 285683  
Ion Ratio Lower Upper  
41 100  
39 63.9 59.0 88.4  
76 32.6 24.6 37.0

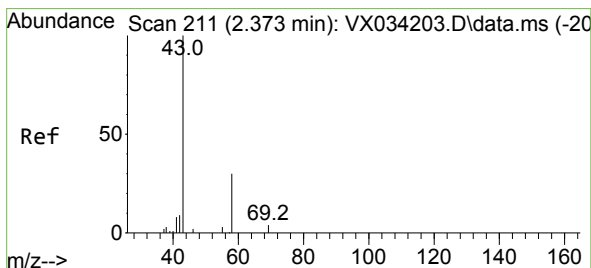
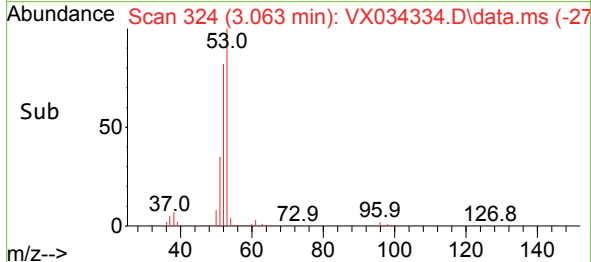
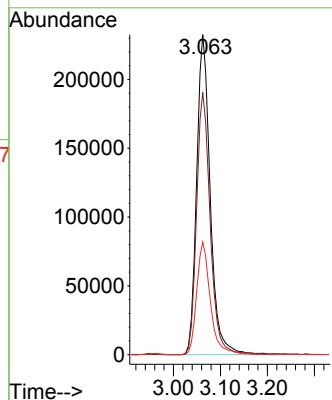
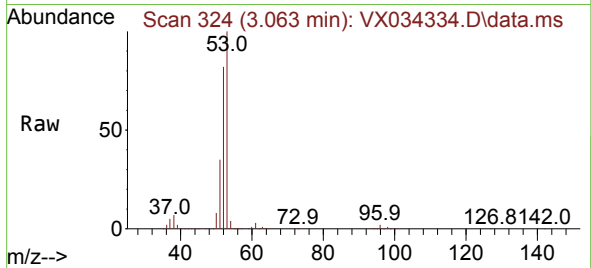




#15  
Acrylonitrile  
Concen: 265.468 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

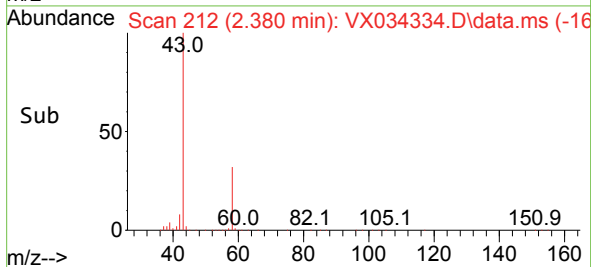
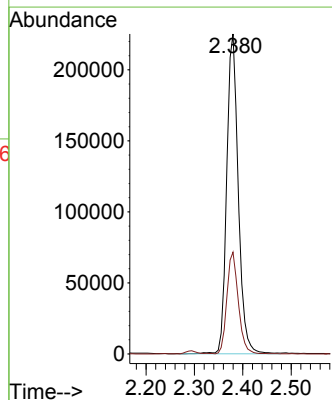
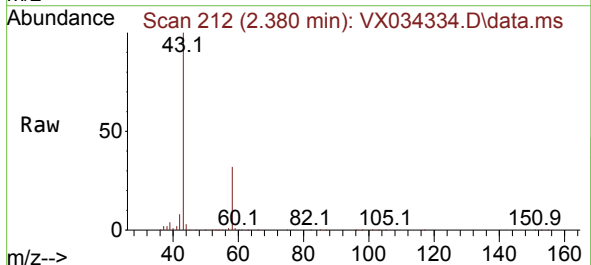
Instrument :  
MSVOA\_X  
ClientSampleId :

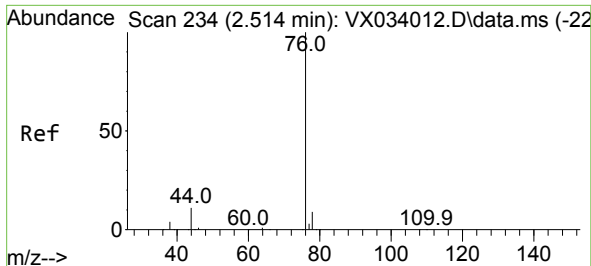
Tgt Ion: 53 Resp: 469198  
Ion Ratio Lower Upper  
53 100  
52 82.0 65.7 98.5  
51 35.4 29.0 43.4



#16  
Acetone  
Concen: 199.931 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 43 Resp: 373589  
Ion Ratio Lower Upper  
43 100  
58 31.8 22.6 33.8

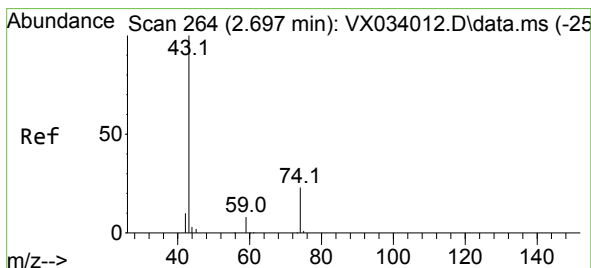
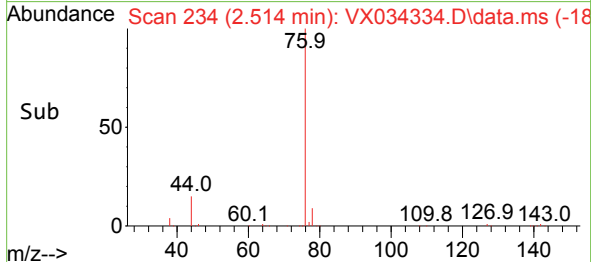
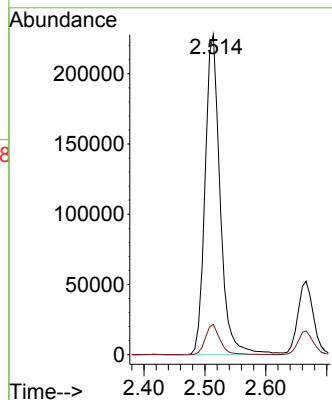
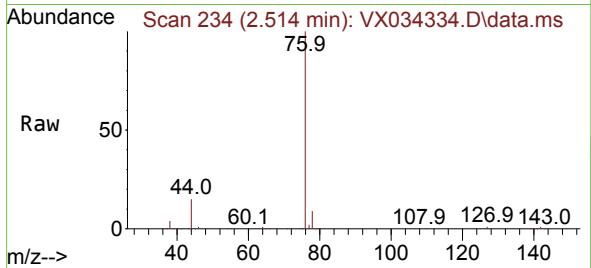




#17  
Carbon Disulfide  
Concen: 46.959 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

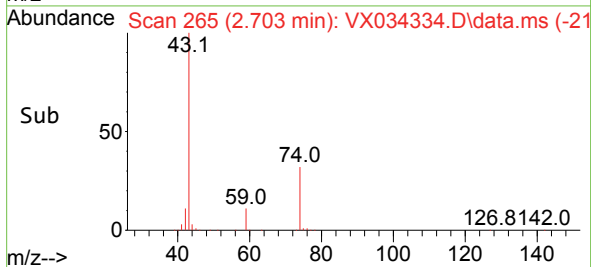
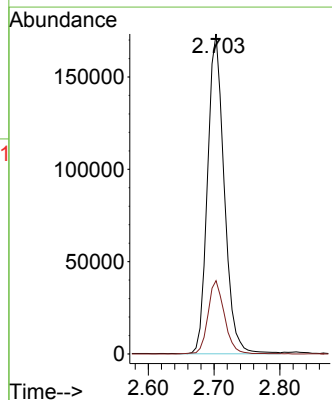
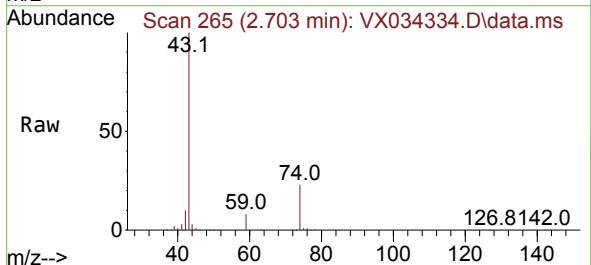
Instrument :  
MSVOA\_X  
ClientSampleId :

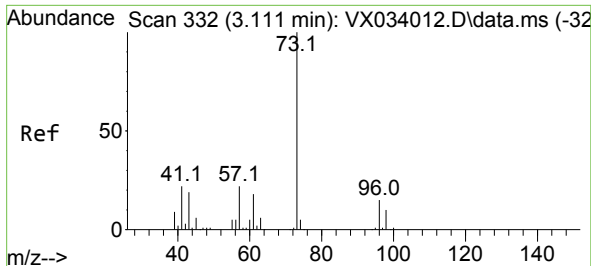
Tgt Ion: 76 Resp: 392766  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.6



#18  
Methyl Acetate  
Concen: 52.927 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 43 Resp: 306016  
Ion Ratio Lower Upper  
43 100  
74 22.8 18.2 27.4

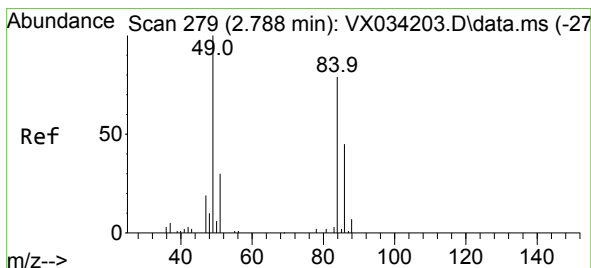
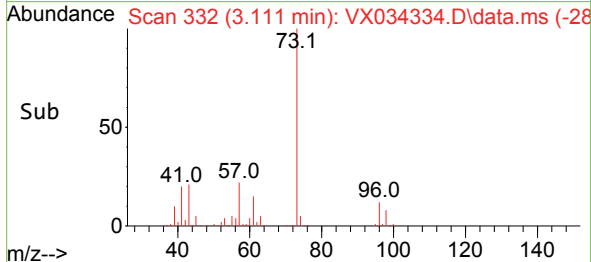
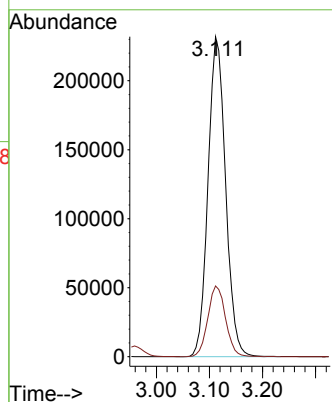
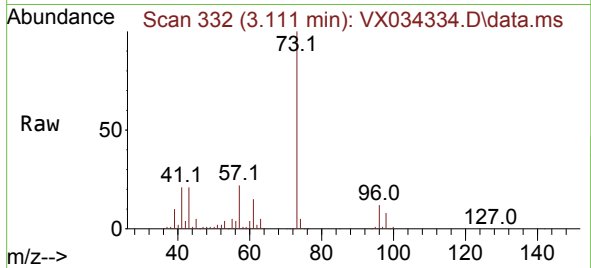




#19  
Methyl tert-butyl Ether  
Concen: 51.869 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

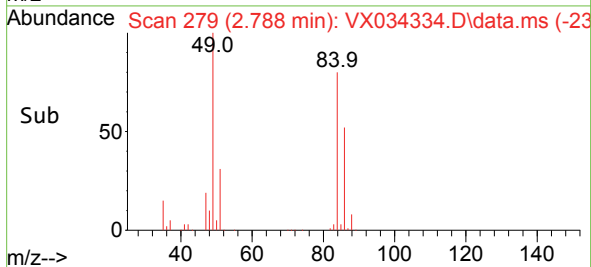
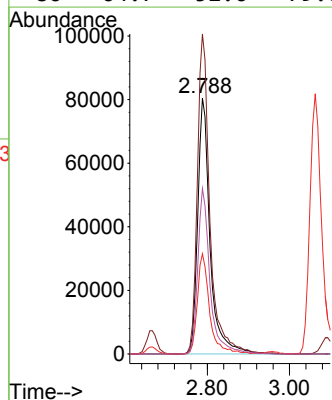
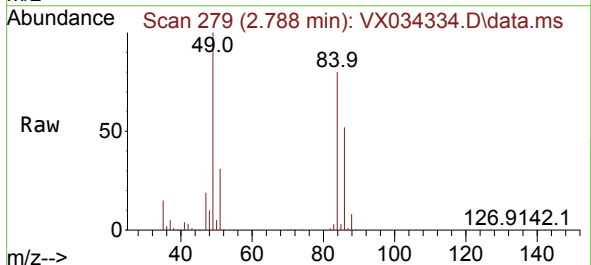
Instrument :  
MSVOA\_X  
ClientSampleId :

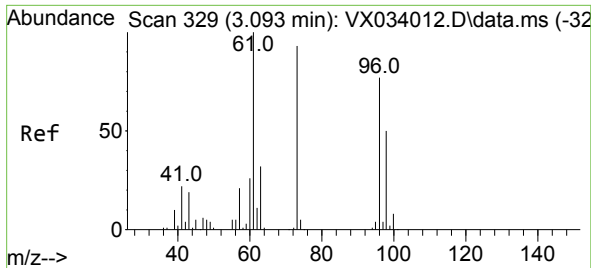
Tgt Ion: 73 Resp: 532572  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.4 26.0



#20  
Methylene Chloride  
Concen: 49.872 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 84 Resp: 167911  
Ion Ratio Lower Upper  
84 100  
49 125.0 101.1 151.7  
51 39.1 31.0 46.6  
86 64.7 52.6 79.0

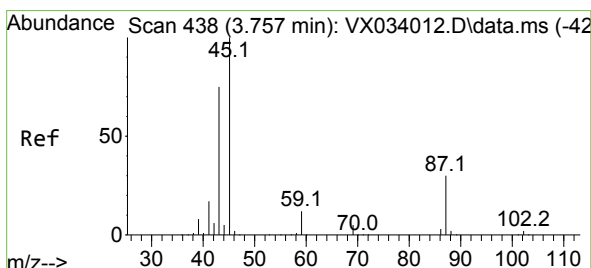
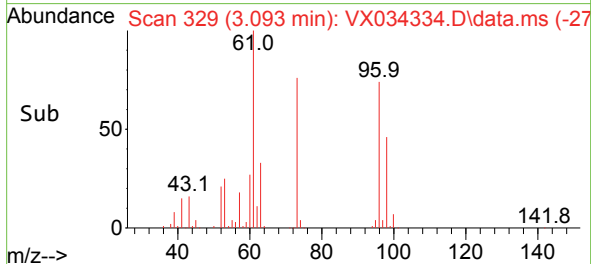
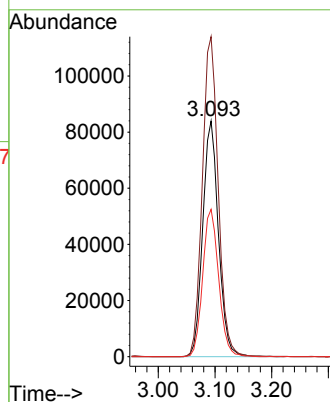
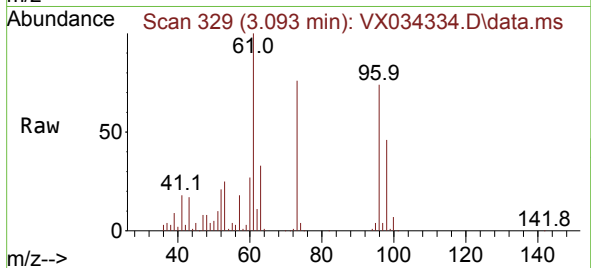




#21  
trans-1,2-Dichloroethene  
Concen: 53.048 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

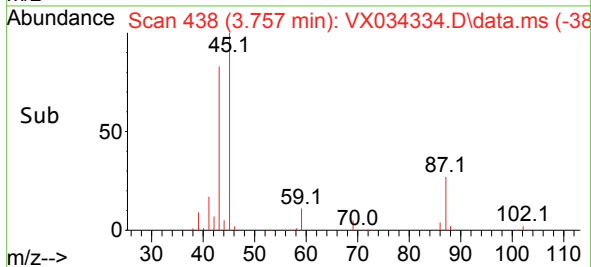
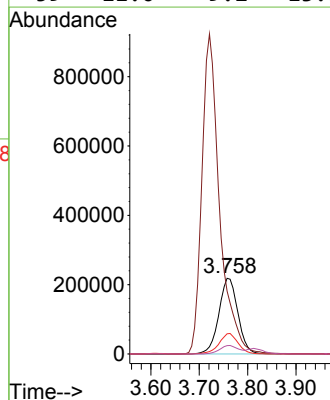
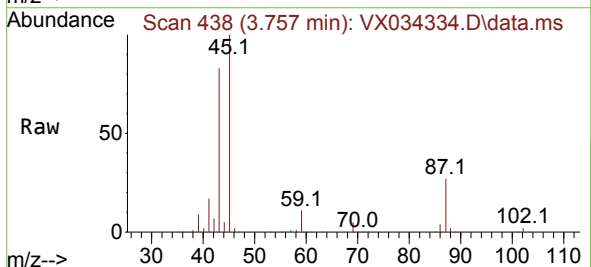
Instrument :  
MSVOA\_X  
ClientSampleId :

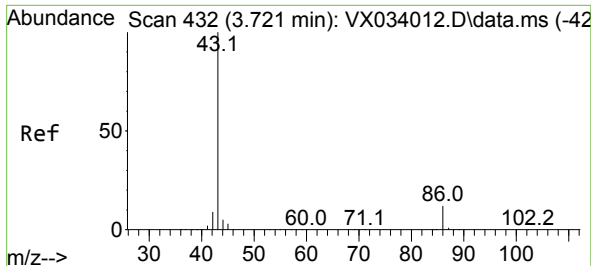
Tgt Ion: 96 Resp: 161713  
Ion Ratio Lower Upper  
96 100  
61 135.7 106.7 160.1  
98 62.5 50.0 75.0



#22  
Diisopropyl ether  
Concen: 55.115 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 45 Resp: 596277  
Ion Ratio Lower Upper  
45 100  
43 83.1 64.6 97.0  
87 26.6 21.9 32.9  
59 11.0 9.2 13.8

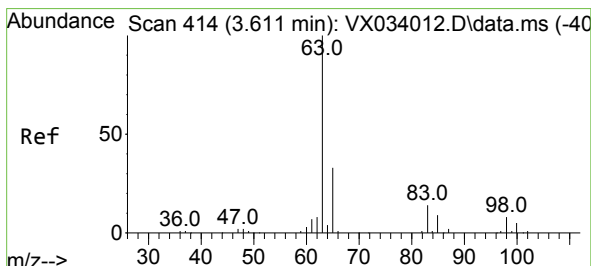
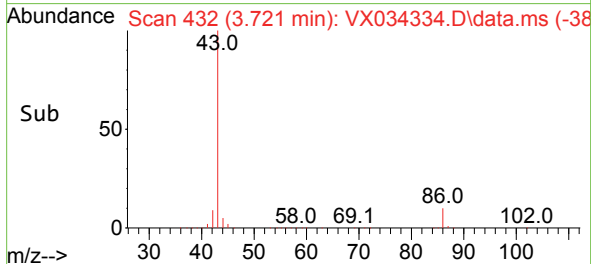
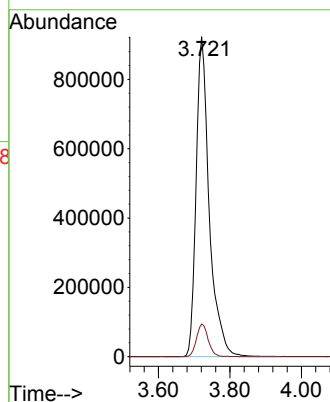
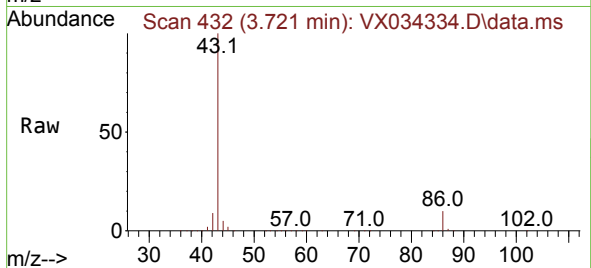




#23  
 Vinyl Acetate  
 Concen: 271.622 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

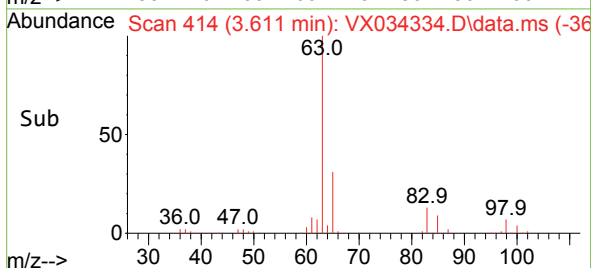
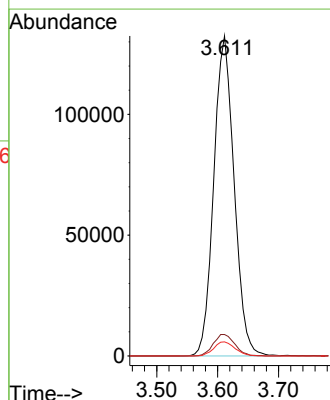
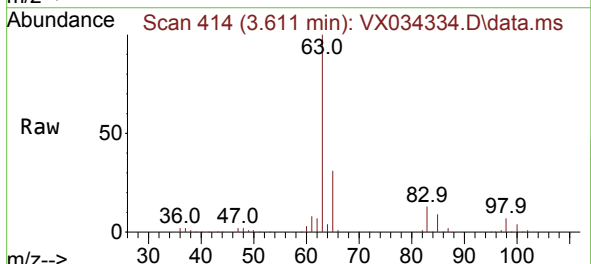
Instrument :  
 MSVOA\_X  
 ClientSampleId :

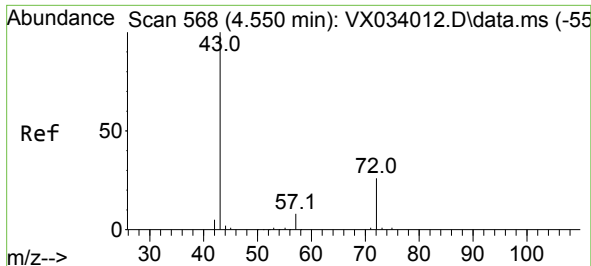
Tgt Ion: 43 Resp: 2354375  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 51.747 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

Tgt Ion: 63 Resp: 307340  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.8 11.2  
 100 4.4 2.4 7.2

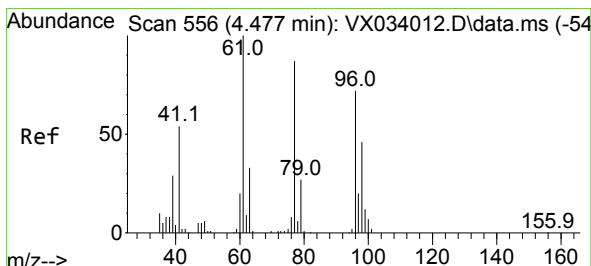
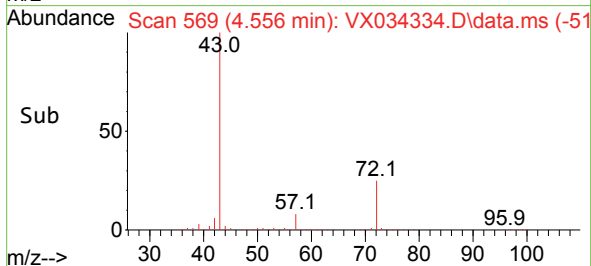
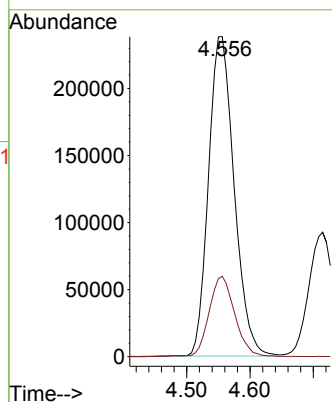
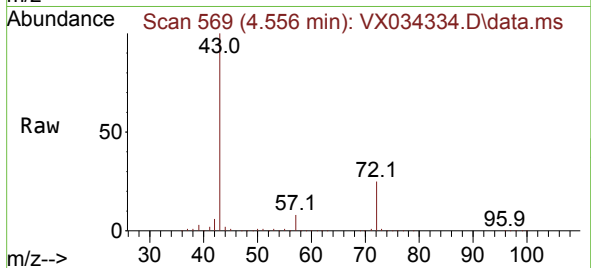




#25  
2-Butanone  
Concen: 248.044 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.012 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

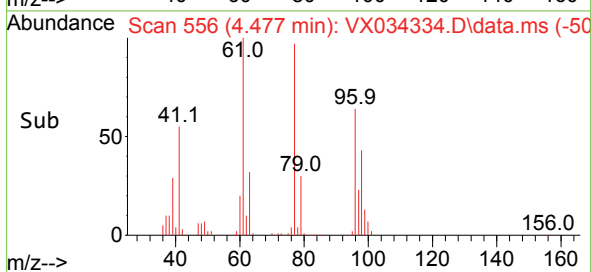
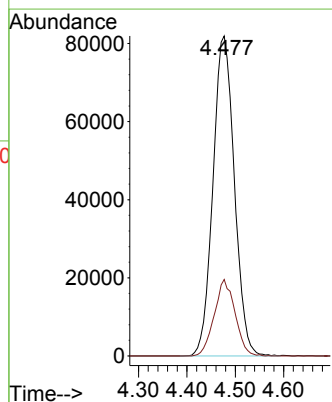
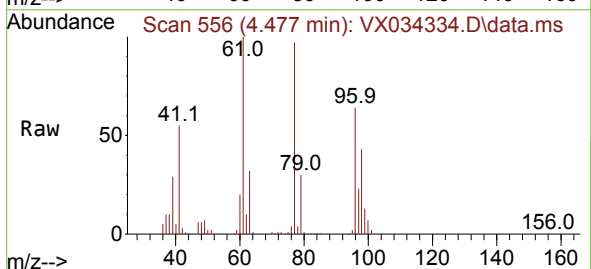
Instrument :  
MSVOA\_X  
ClientSampleId :

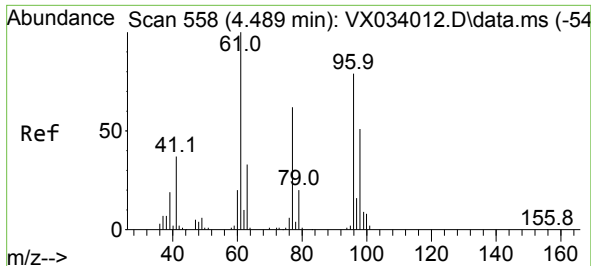
Tgt Ion: 43 Resp: 670633  
Ion Ratio Lower Upper  
43 100  
72 25.1 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 46.784 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

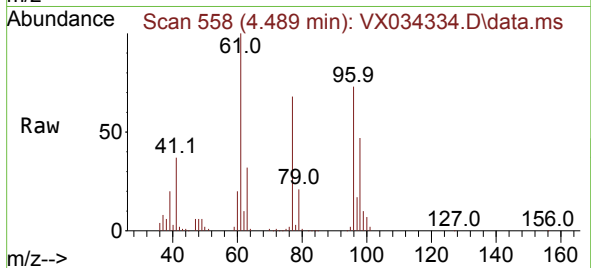
Tgt Ion: 77 Resp: 251711  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.9 35.5



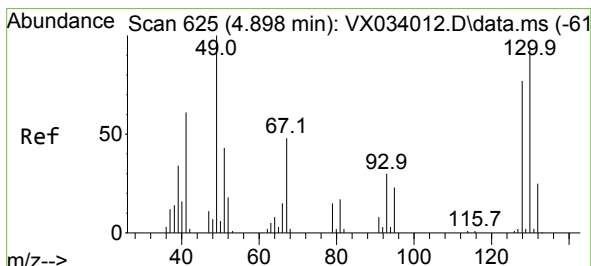
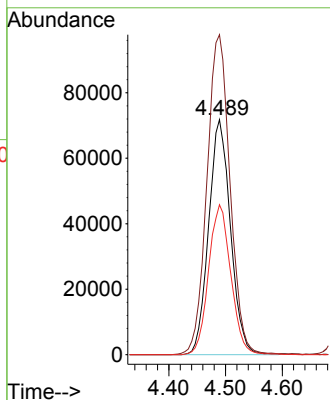
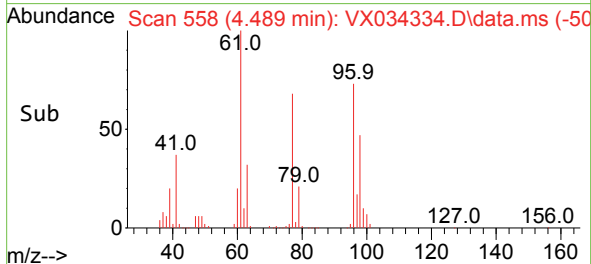


#27  
 cis-1,2-Dichloroethene  
 Concen: 53.237 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.006 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :

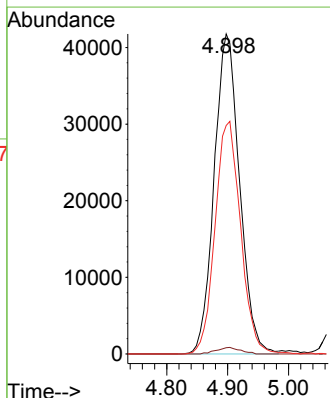
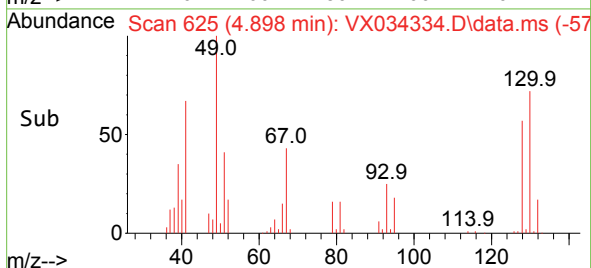
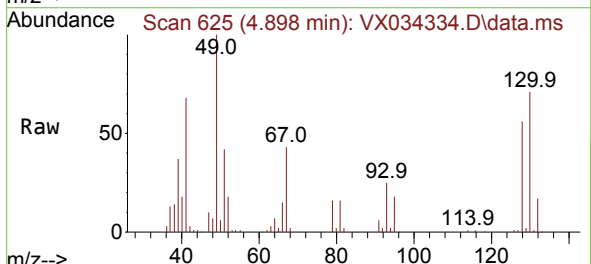


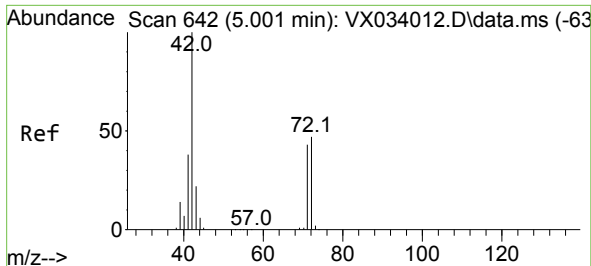
Tgt Ion: 96 Resp: 192177  
 Ion Ratio Lower Upper  
 96 100  
 61 144.1 0.0 277.6  
 98 64.9 0.0 128.0



#28  
 Bromochloromethane  
 Concen: 45.751 ug/l  
 RT: 4.898 min Scan# 625  
 Delta R.T. 0.006 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

Tgt Ion: 49 Resp: 121215  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 4.6  
 130 73.1 68.5 102.7





#29

Tetrahydrofuran

Concen: 268.868 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.006 min

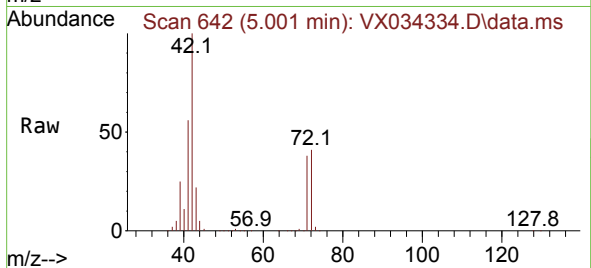
Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

ClientSampleId :



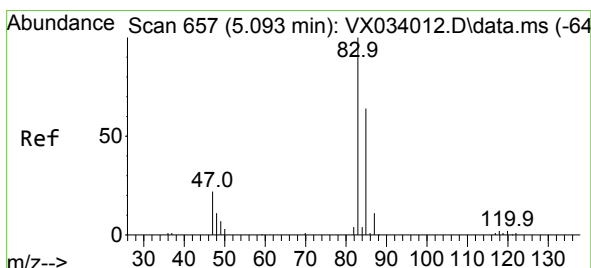
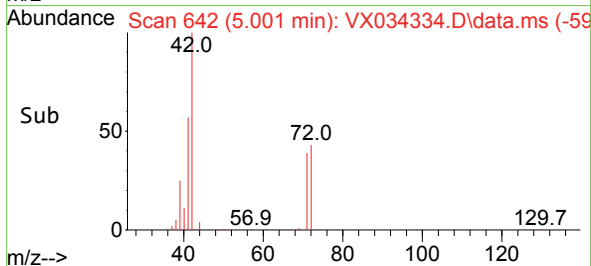
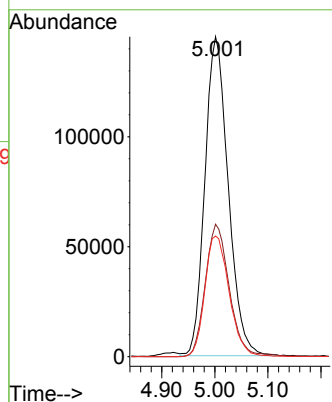
Tgt Ion: 42 Resp: 443460

Ion Ratio Lower Upper

42 100

72 42.9 34.8 52.2

71 39.5 32.2 48.2



#30

Chloroform

Concen: 54.746 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX034334.D

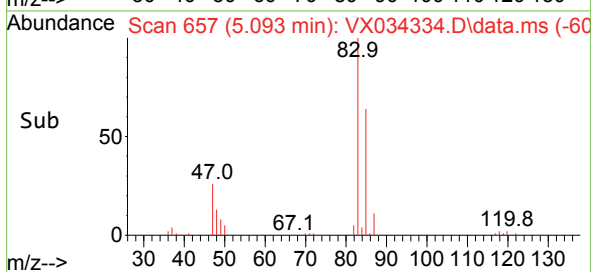
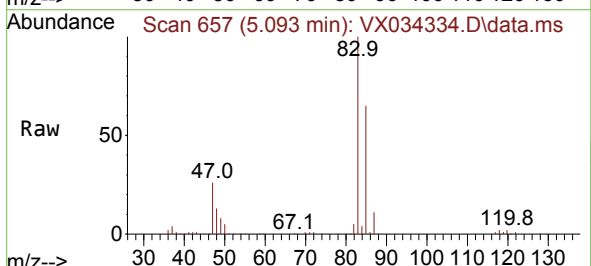
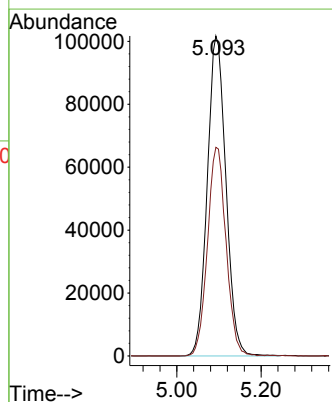
Acq: 03 Mar 2023 19:43

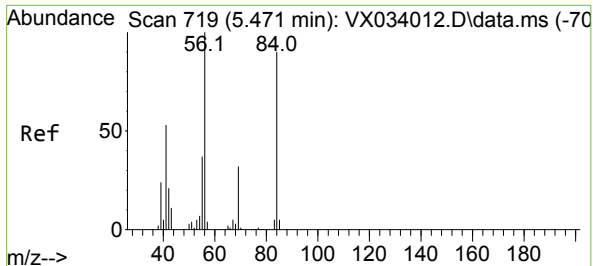
Tgt Ion: 83 Resp: 312222

Ion Ratio Lower Upper

83 100

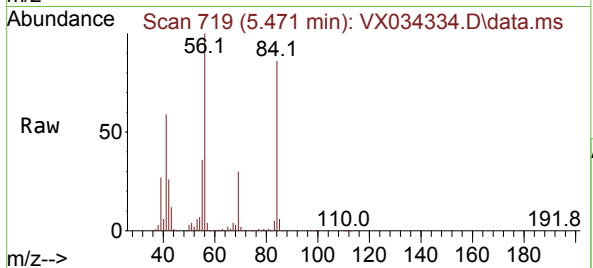
85 65.2 52.1 78.1



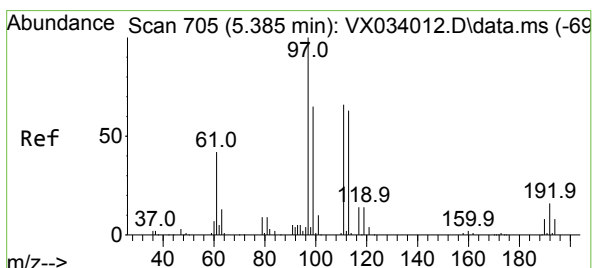
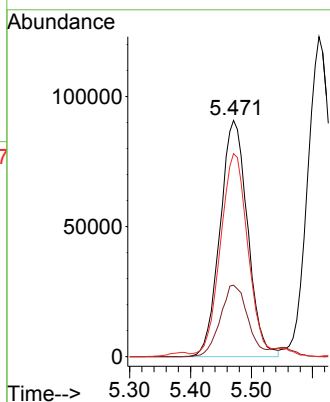
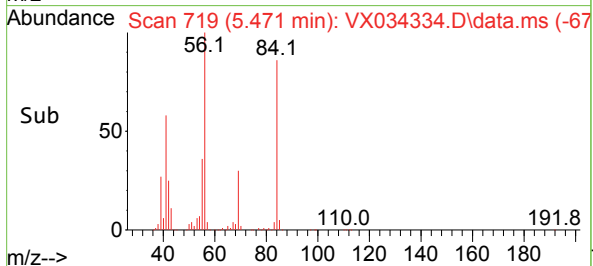


#31  
Cyclohexane  
Concen: 52.699 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :

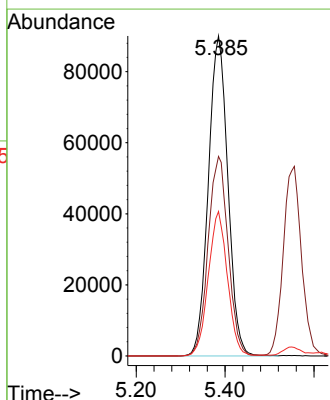
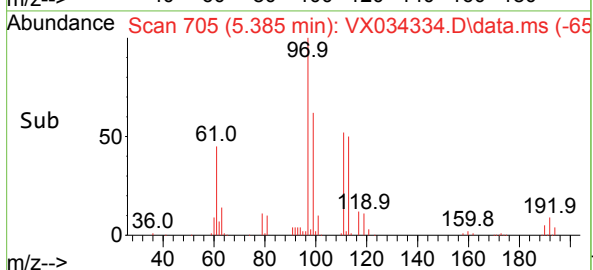
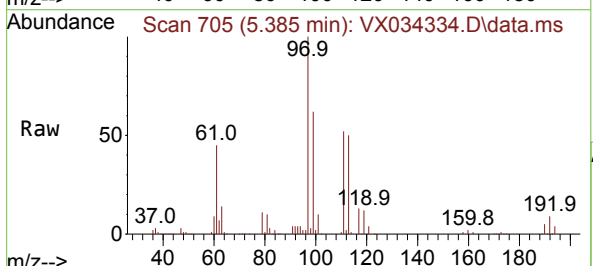


Tgt Ion: 56 Resp: 285005  
Ion Ratio Lower Upper  
56 100  
69 30.3 24.6 37.0  
84 84.3 71.0 106.6



#32  
1,1,1-Trichloroethane  
Concen: 53.665 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 97 Resp: 274357  
Ion Ratio Lower Upper  
97 100  
99 64.0 52.3 78.5  
61 44.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 43.656 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

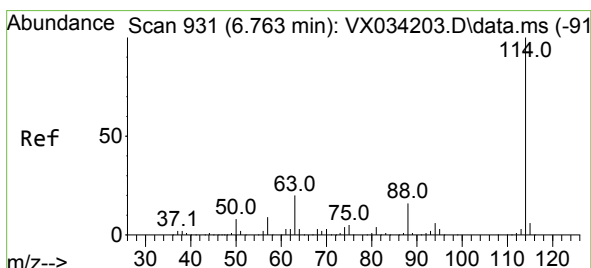
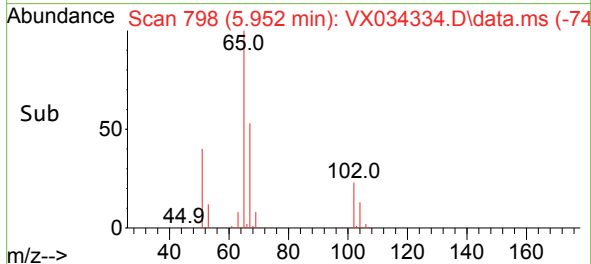
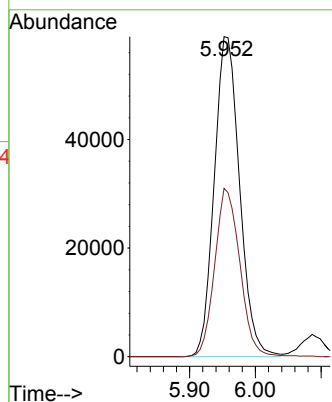
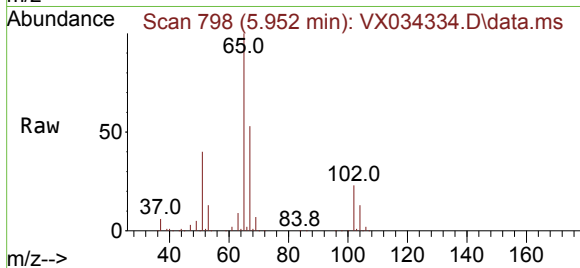
ClientSampleId :

Tgt Ion: 65 Resp: 158139

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

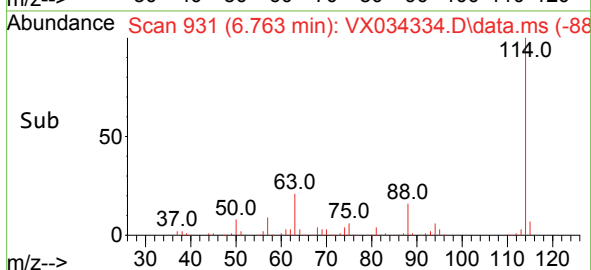
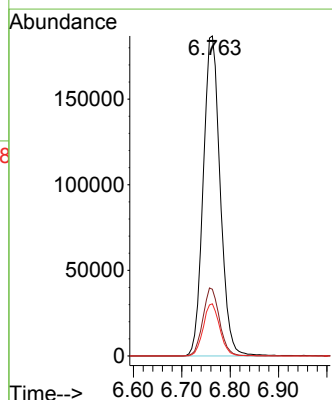
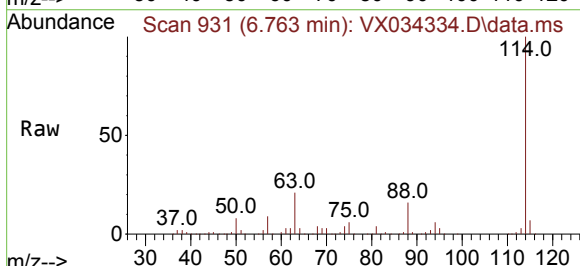
Tgt Ion:114 Resp: 455574

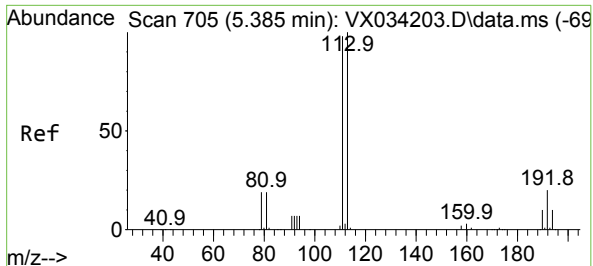
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 16.3 0.0 30.6

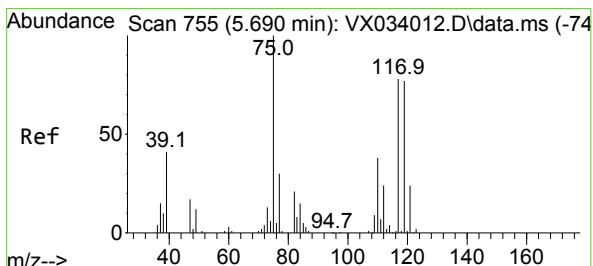
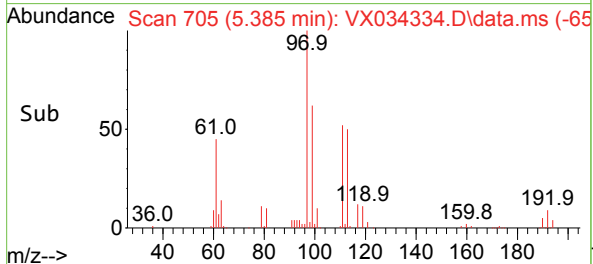
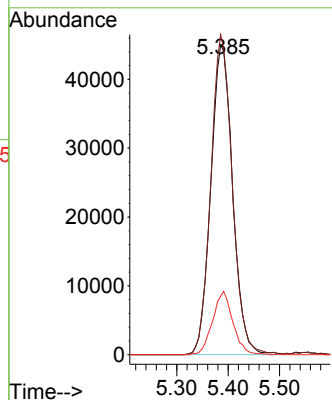
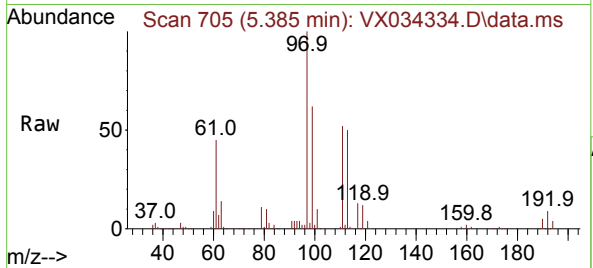




#35  
 Dibromofluoromethane  
 Concen: 44.710 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. 0.000 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

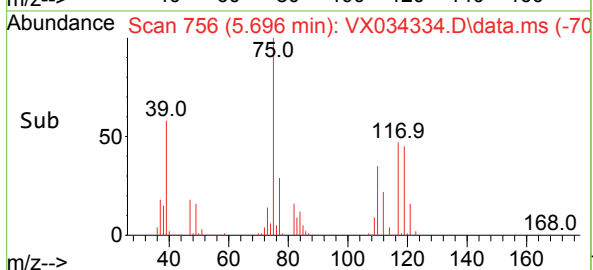
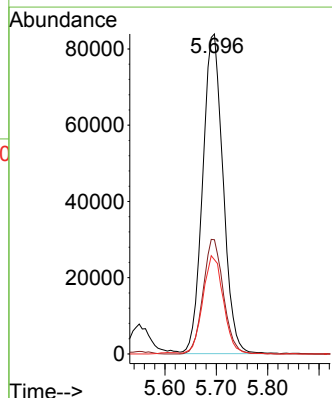
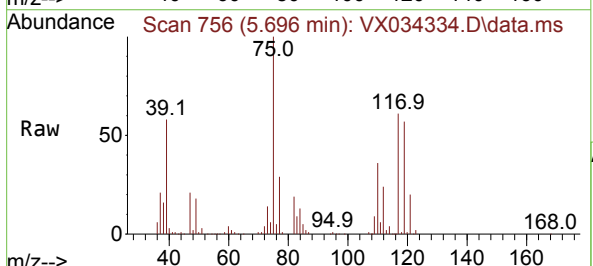
Instrument :  
 MSVOA\_X  
 ClientSampleId :

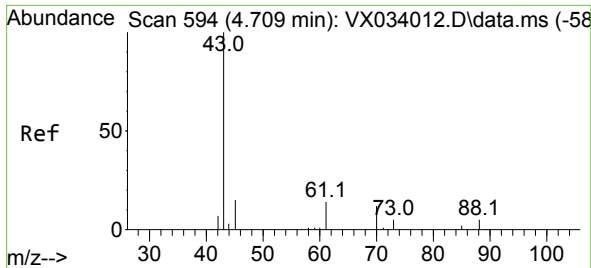
Tgt Ion:113 Resp: 132619  
 Ion Ratio Lower Upper  
 113 100  
 111 101.7 83.0 124.6  
 192 19.0 19.0 28.4



#36  
 1,1-Dichloropropene  
 Concen: 52.637 ug/l  
 RT: 5.696 min Scan# 756  
 Delta R.T. 0.006 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

Tgt Ion: 75 Resp: 230906  
 Ion Ratio Lower Upper  
 75 100  
 110 35.8 18.8 56.4  
 77 31.2 25.1 37.7

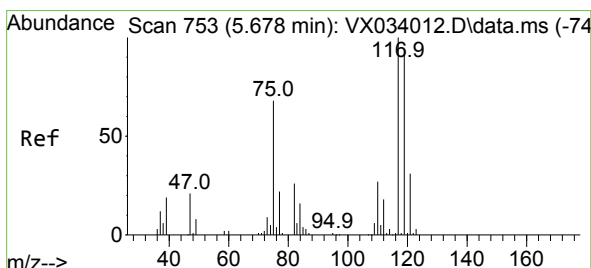
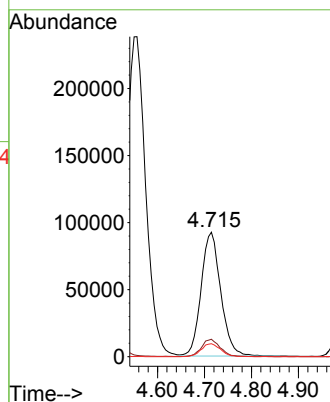
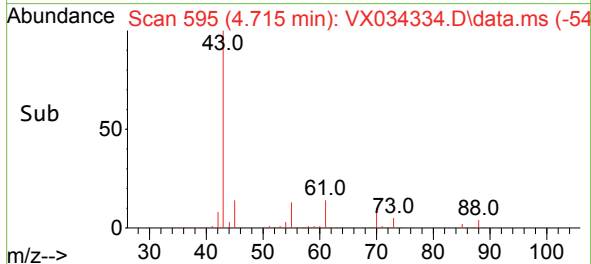
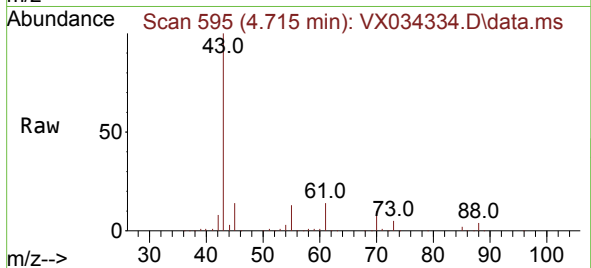




#37  
Ethyl Acetate  
Concen: 54.731 ug/l  
RT: 4.715 min Scan# 594  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

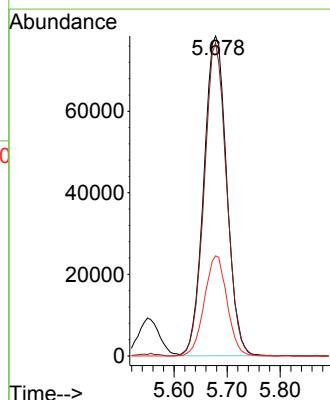
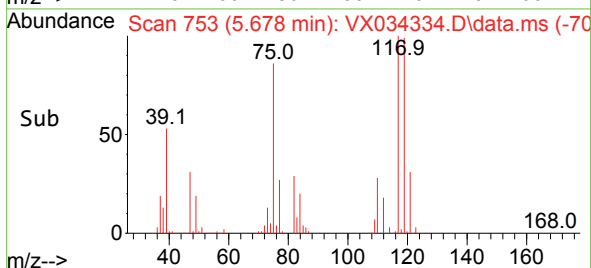
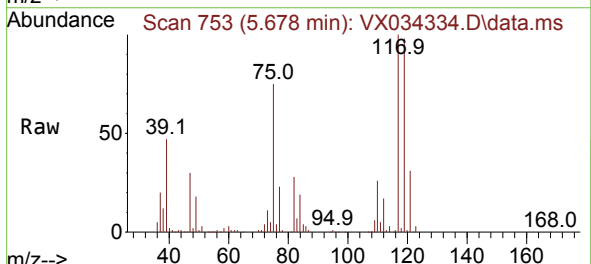
Instrument :  
MSVOA\_X  
ClientSampleId :

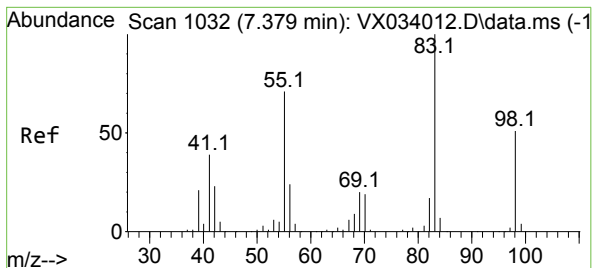
Tgt Ion: 43 Resp: 268324  
Ion Ratio Lower Upper  
43 100  
61 13.6 11.1 16.7  
70 10.4 8.5 12.7



#38  
Carbon Tetrachloride  
Concen: 52.008 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 117 Resp: 234766  
Ion Ratio Lower Upper  
117 100  
119 97.9 78.0 117.0  
121 31.3 24.4 36.6





#39

Methylcyclohexane

Concen: 49.379 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

ClientSampleId :

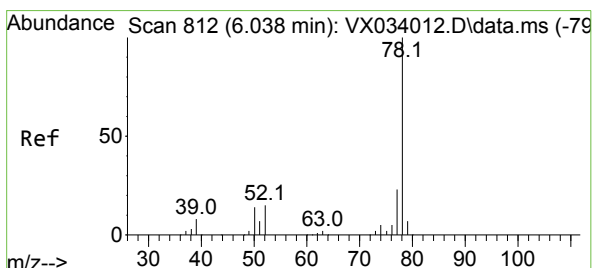
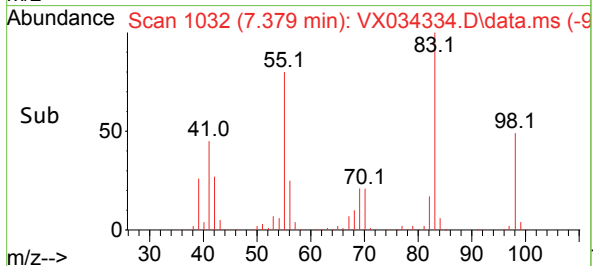
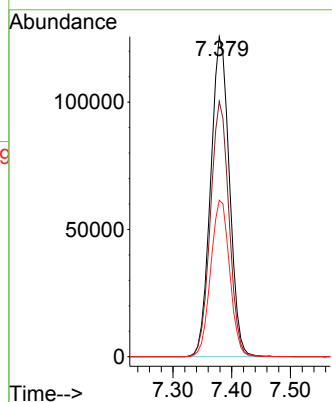
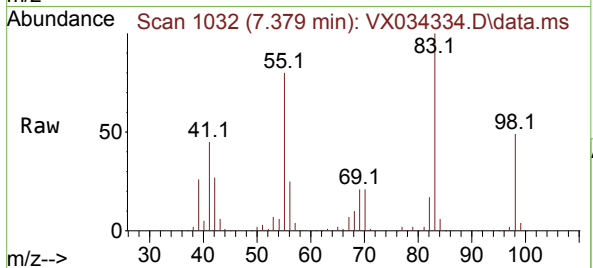
Tgt Ion: 83 Resp: 278758

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|    |     |  |  |
|----|-----|--|--|
| 83 | 100 |  |  |
|----|-----|--|--|

|    |      |      |      |
|----|------|------|------|
| 55 | 79.8 | 61.8 | 92.6 |
|----|------|------|------|

|    |      |      |      |
|----|------|------|------|
| 98 | 48.9 | 39.3 | 58.9 |
|----|------|------|------|



#40

Benzene

Concen: 53.939 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034334.D

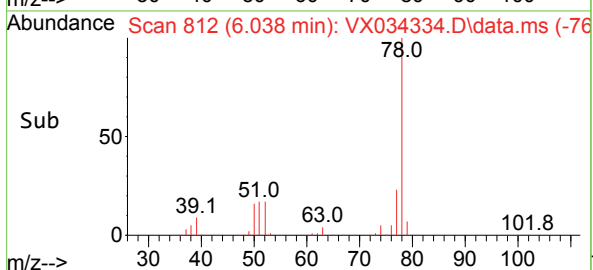
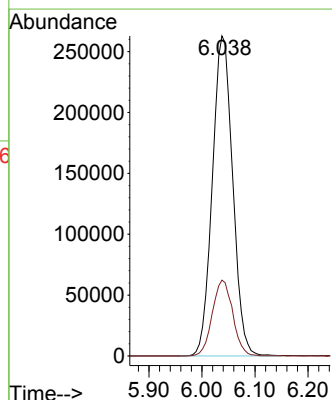
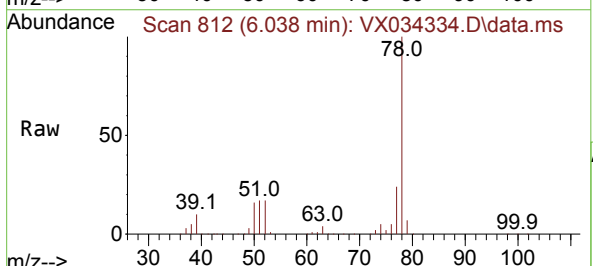
Acq: 03 Mar 2023 19:43

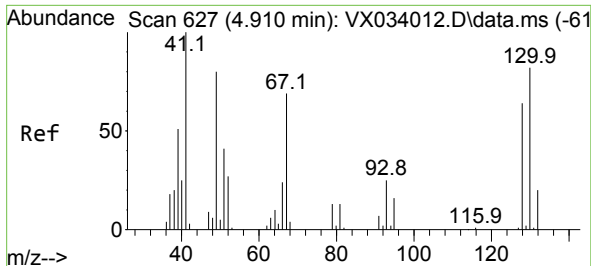
Tgt Ion: 78 Resp: 701203

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|    |     |  |  |
|----|-----|--|--|
| 78 | 100 |  |  |
|----|-----|--|--|

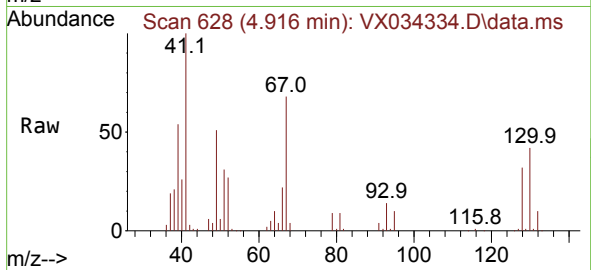
|    |      |      |      |
|----|------|------|------|
| 77 | 23.7 | 19.0 | 28.4 |
|----|------|------|------|



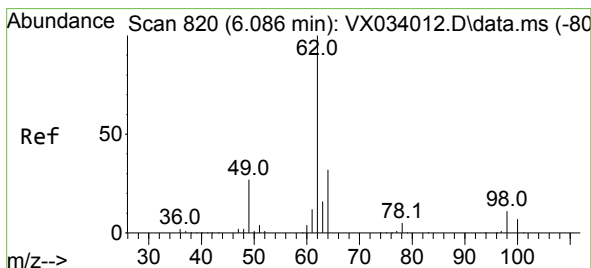
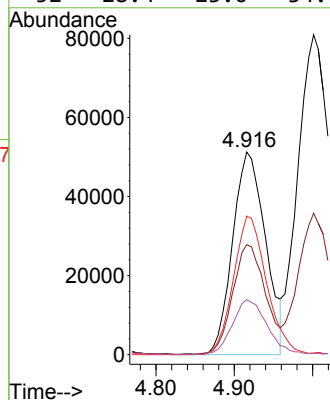
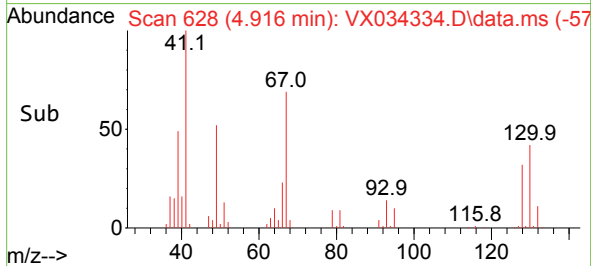


#41  
Methacrylonitrile  
Concen: 54.890 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :

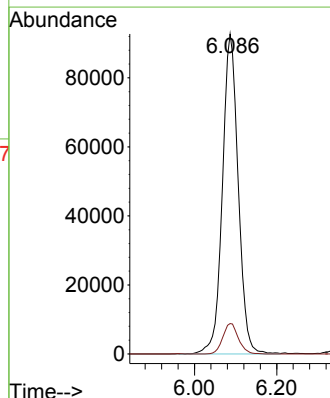
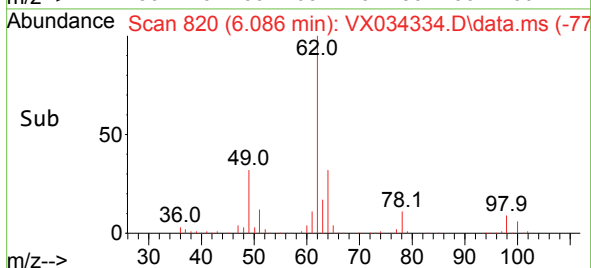
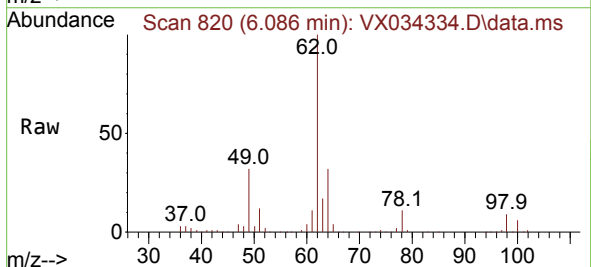


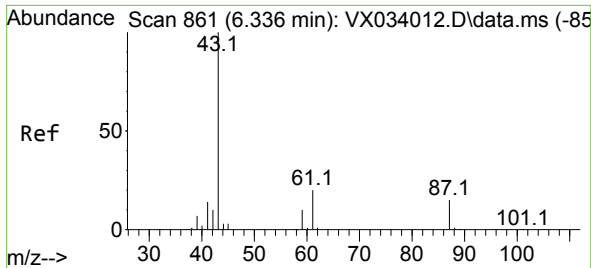
Tgt Ion: 41 Resp: 149933  
Ion Ratio Lower Upper  
41 100  
39 53.9 43.8 65.6  
67 69.5 54.8 82.2  
52 28.4 23.0 34.6



#42  
1,2-Dichloroethane  
Concen: 54.155 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 62 Resp: 247606  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 20.2

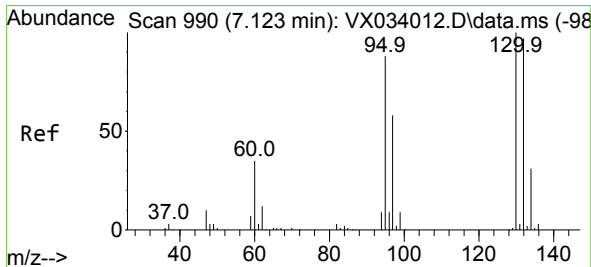
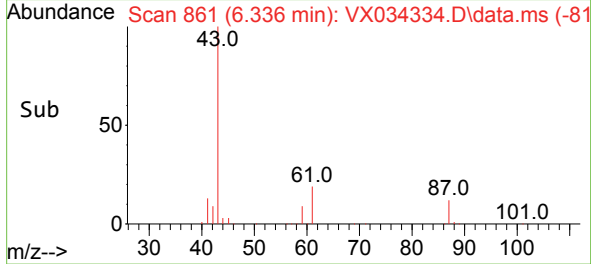
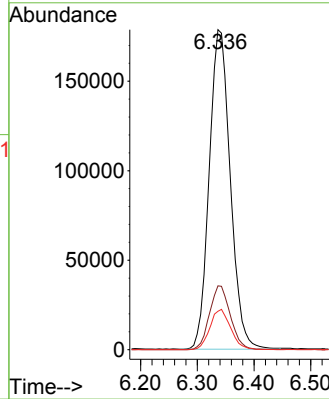
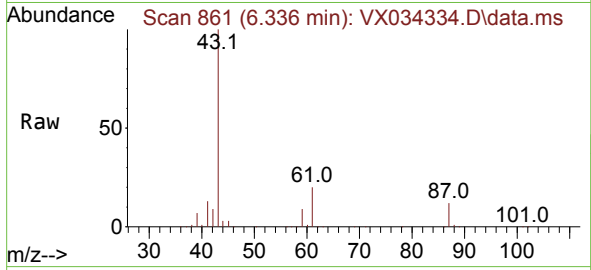




#43  
Isopropyl Acetate  
Concen: 53.327 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

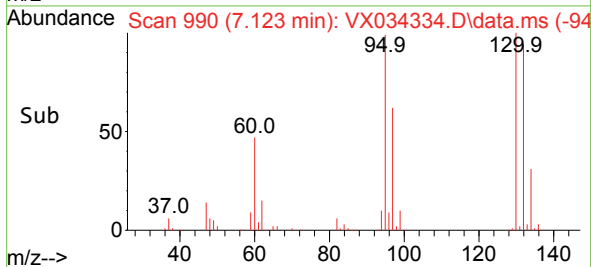
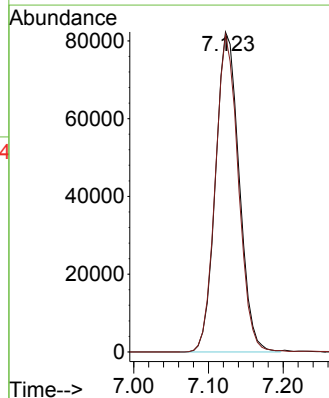
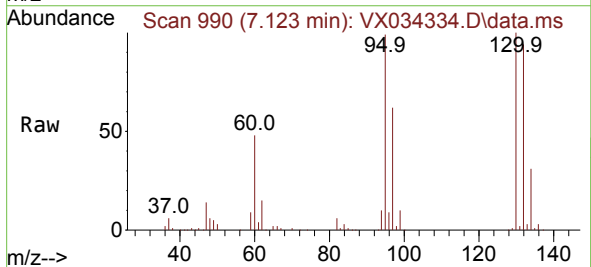
Instrument :  
MSVOA\_X  
ClientSampleId :

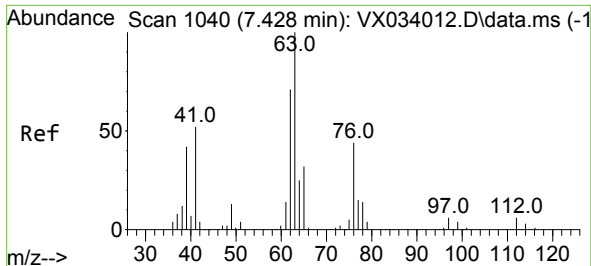
Tgt Ion: 43 Resp: 461360  
Ion Ratio Lower Upper  
43 100  
61 19.8 15.7 23.5  
87 12.4 10.6 15.8



#44  
Trichloroethene  
Concen: 54.098 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion:130 Resp: 180476  
Ion Ratio Lower Upper  
130 100  
95 99.1 0.0 182.6

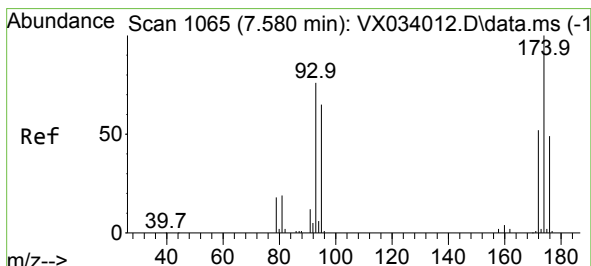
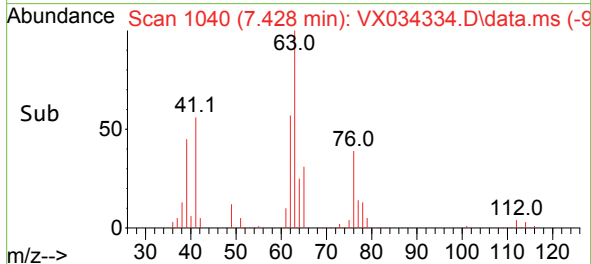
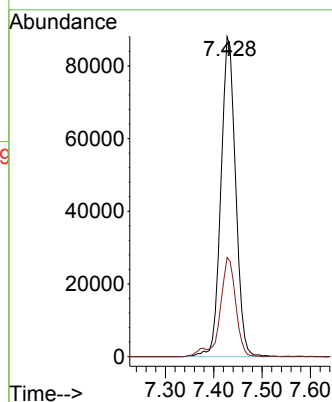
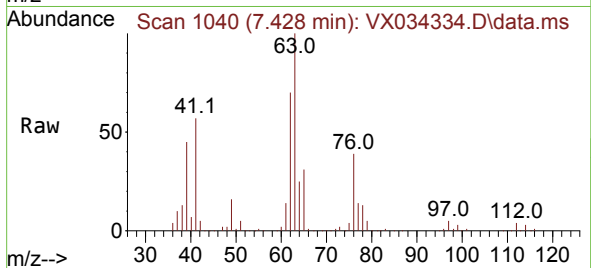




#45  
1,2-Dichloropropane  
Concen: 53.735 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

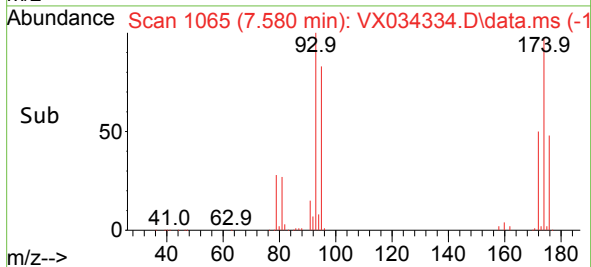
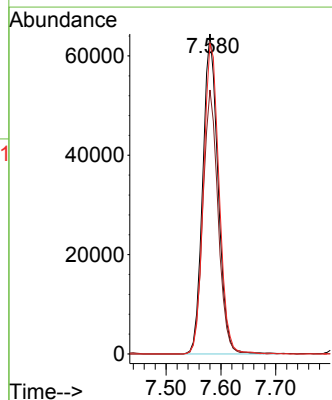
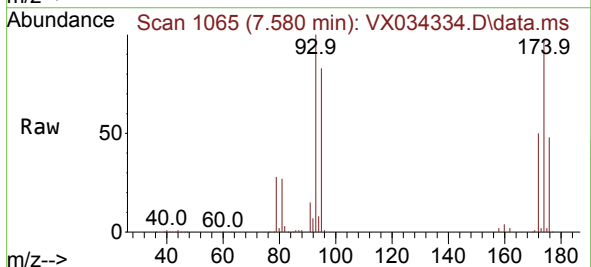
Instrument :  
MSVOA\_X  
ClientSampleId :

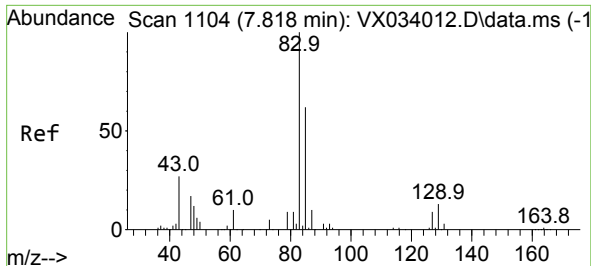
Tgt Ion: 63 Resp: 185962  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.2 36.2



#46  
Dibromomethane  
Concen: 54.750 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 93 Resp: 124698  
Ion Ratio Lower Upper  
93 100  
95 81.7 67.6 101.4  
174 98.7 97.4 146.0

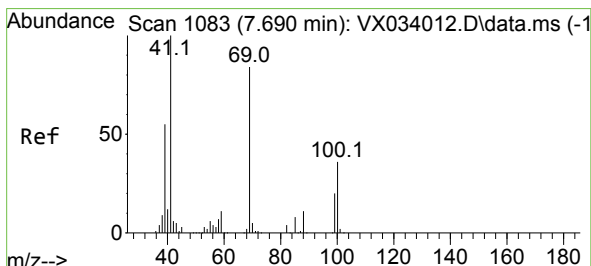
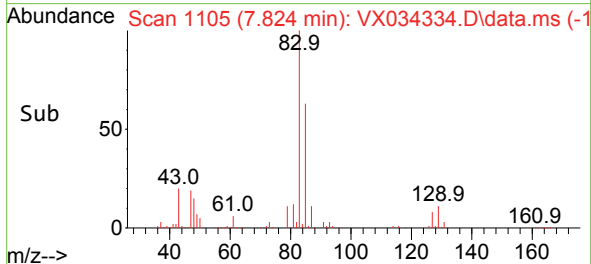
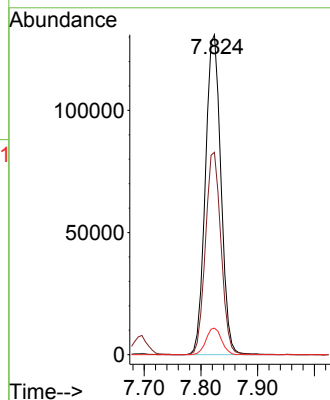
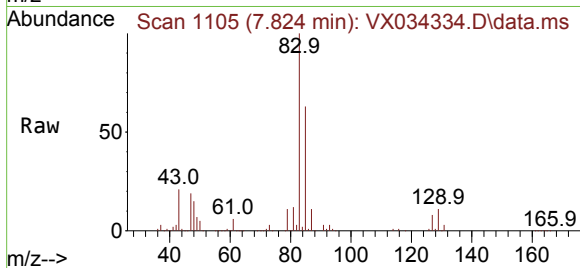




#47  
Bromodichloromethane  
Concen: 53.184 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

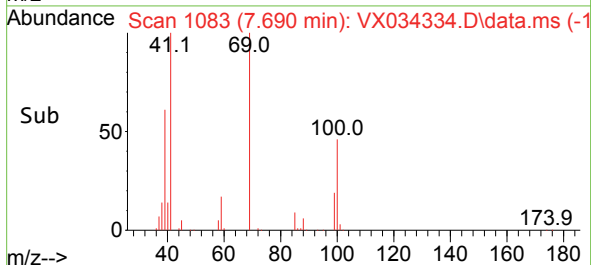
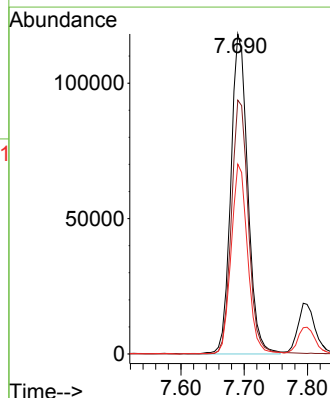
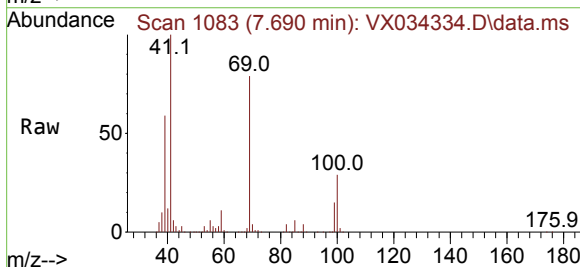
Instrument :  
MSVOA\_X  
ClientSampleId :

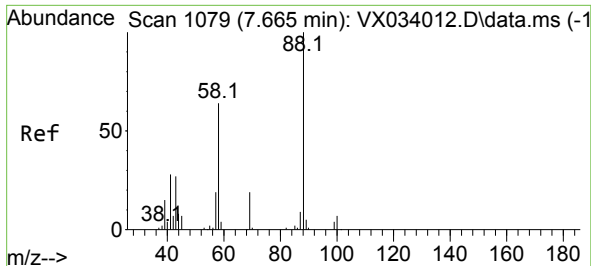
Tgt Ion: 83 Resp: 248584  
Ion Ratio Lower Upper  
83 100  
85 63.3 49.8 74.6  
127 8.3 7.0 10.4



#48  
Methyl methacrylate  
Concen: 53.728 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 41 Resp: 220621  
Ion Ratio Lower Upper  
41 100  
69 79.2 63.1 94.7  
39 57.6 43.2 64.8





#49

1,4-Dioxane

Concen: 1025.158 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

ClientSampleId :

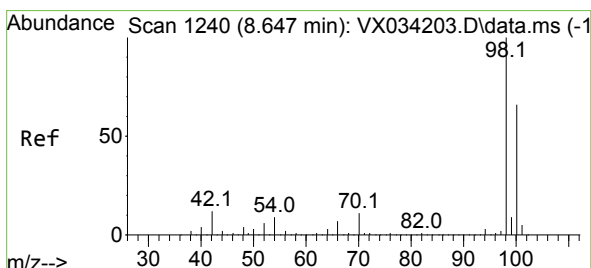
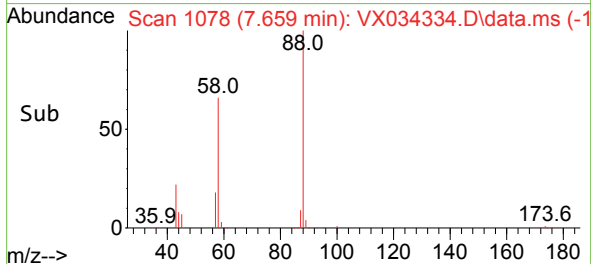
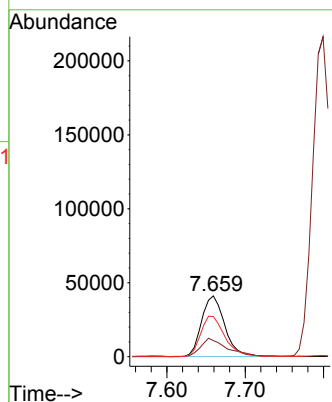
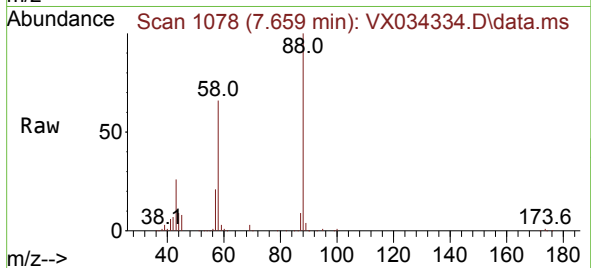
Tgt Ion: 88 Resp: 83965

Ion Ratio Lower Upper

88 100

43 34.3 0.0 0.0#

58 70.1 56.5 84.7



#50

Toluene-d8

Concen: 45.651 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034334.D

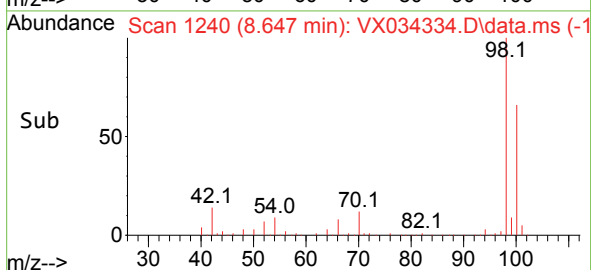
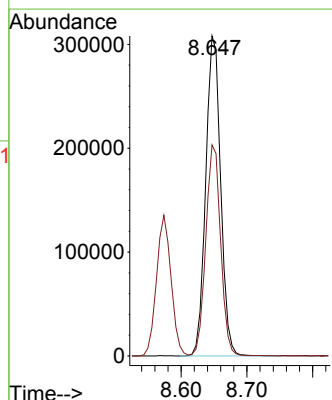
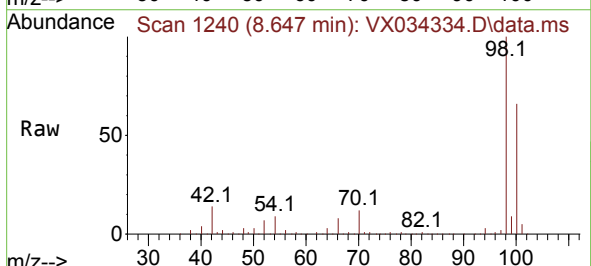
Acq: 03 Mar 2023 19:43

Tgt Ion: 98 Resp: 486174

Ion Ratio Lower Upper

98 100

100 65.8 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 292.645 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

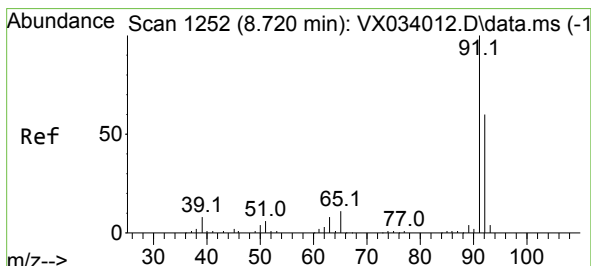
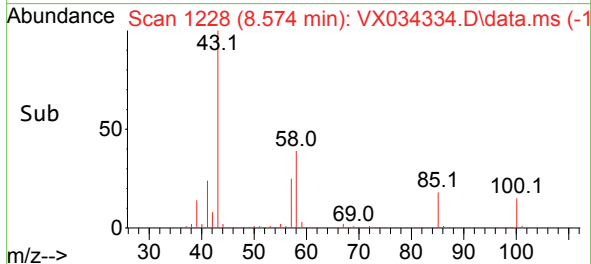
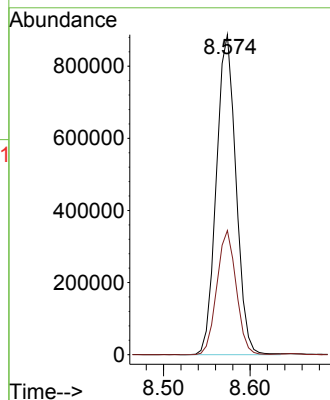
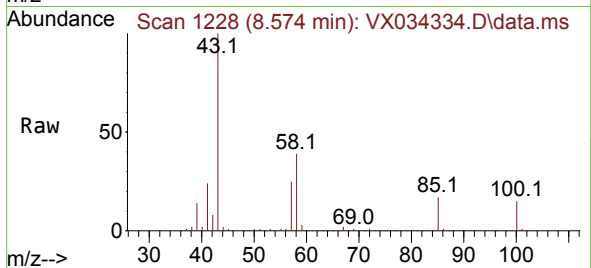
ClientSampleId :

Tgt Ion: 43 Resp: 1392950

Ion Ratio Lower Upper

43 100

58 38.3 31.2 46.8



#52

Toluene

Concen: 56.665 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034334.D

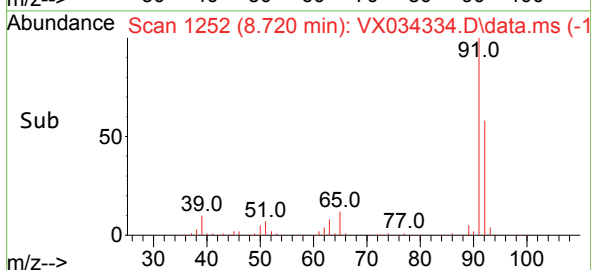
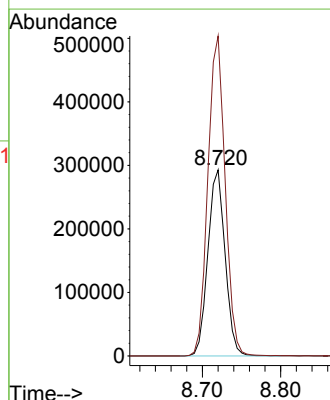
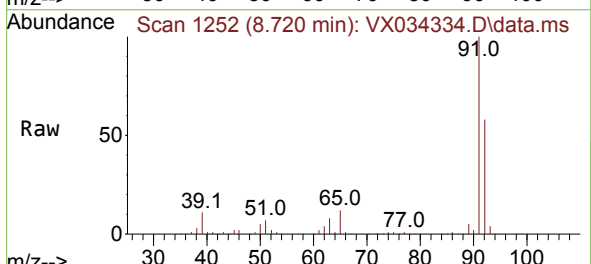
Acq: 03 Mar 2023 19:43

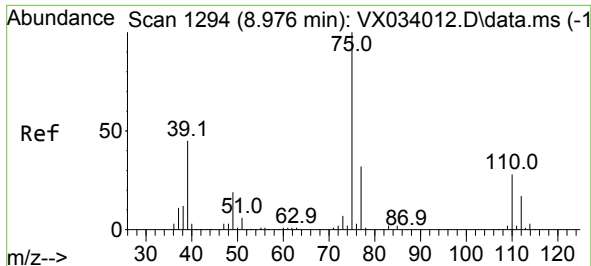
Tgt Ion: 92 Resp: 446351

Ion Ratio Lower Upper

92 100

91 172.5 135.5 203.3

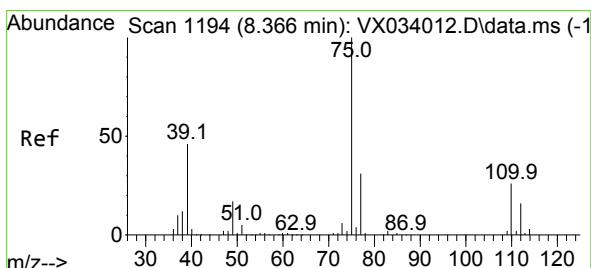
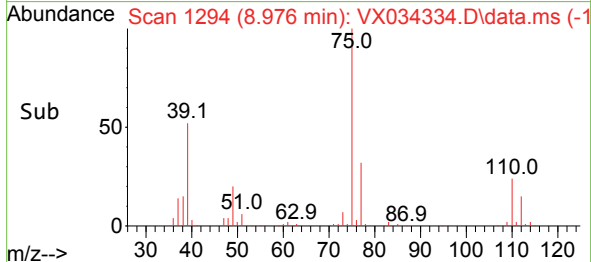
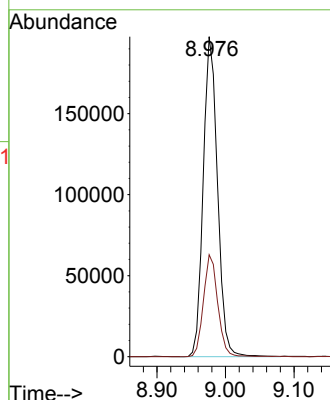
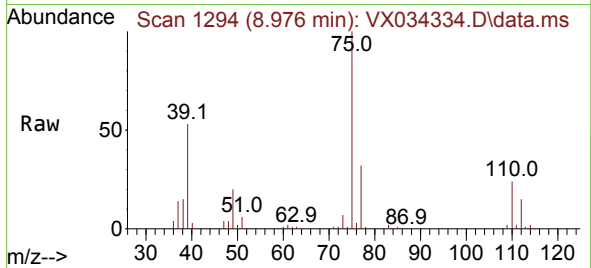




#53  
 t-1,3-Dichloropropene  
 Concen: 53.306 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

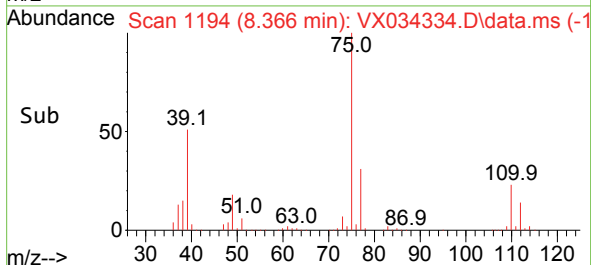
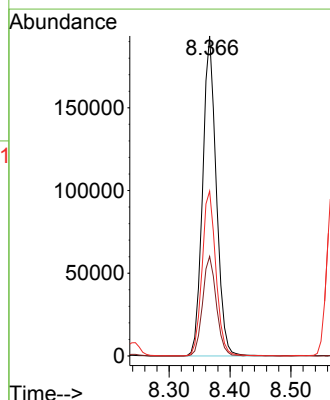
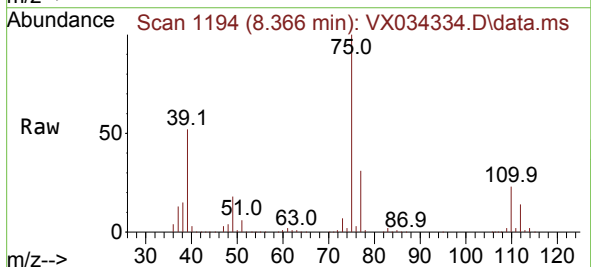
Instrument :  
 MSVOA\_X  
 ClientSampleId :

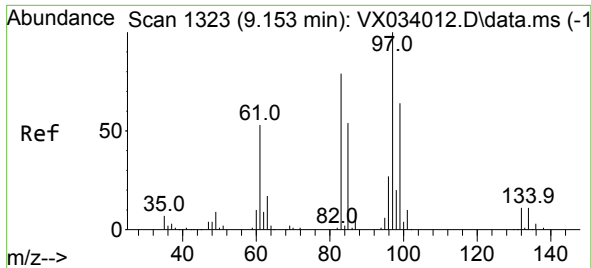
Tgt Ion: 75 Resp: 286795  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.403 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

Tgt Ion: 75 Resp: 301828  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.0 37.6  
 39 51.5 38.6 58.0

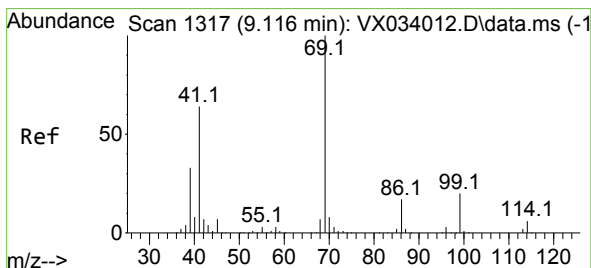
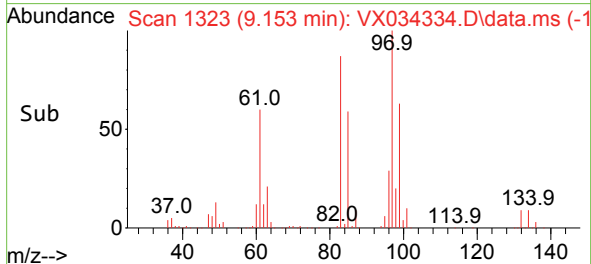
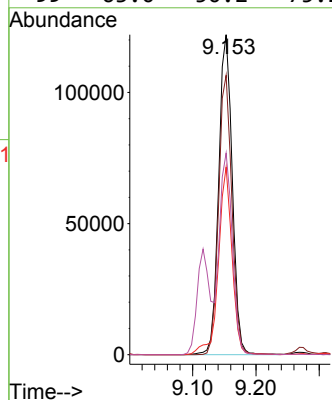
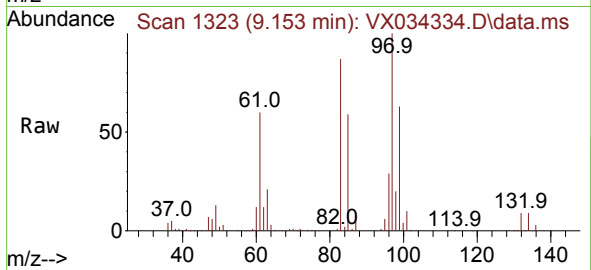




#55  
1,1,2-Trichloroethane  
Concen: 56.970 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

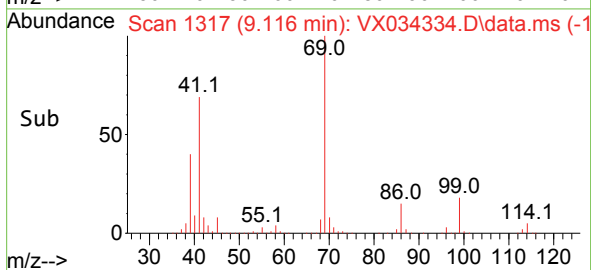
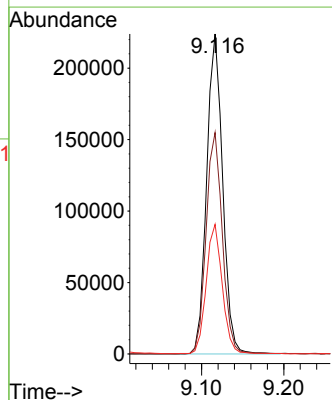
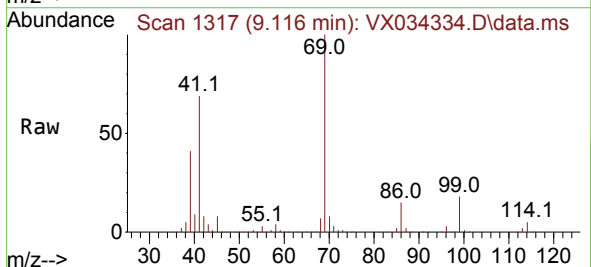
Instrument :  
MSVOA\_X  
ClientSampleId :

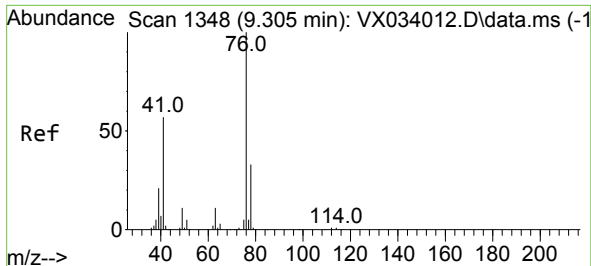
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 181138 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 87.3     | 67.4 101.0   |
| 85 58.6     | 43.2 64.8    |
| 99 63.0     | 50.2 75.2    |



#56  
Ethyl methacrylate  
Concen: 56.246 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 302529 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 70.1     | 55.1 82.7    |
| 39 40.7     | 28.5 42.7    |





#57

1,3-Dichloropropane

Concen: 56.486 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

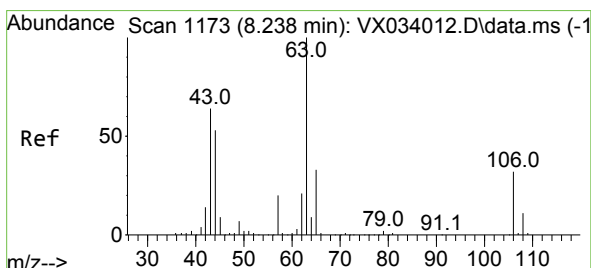
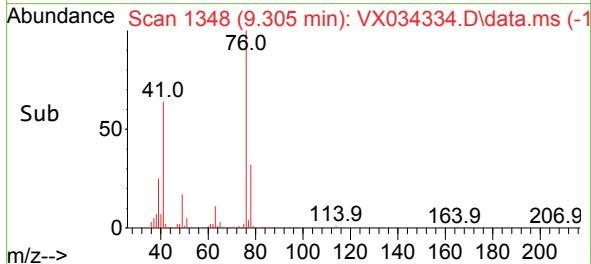
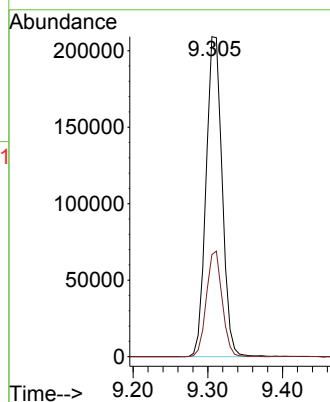
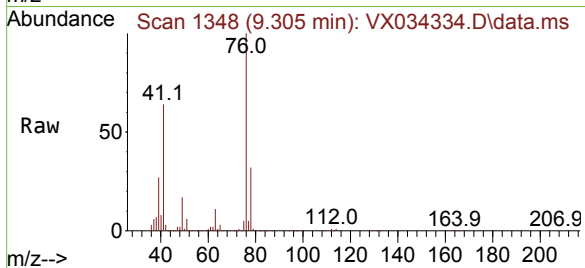
ClientSampleId :

Tgt Ion: 76 Resp: 312475

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 253.183 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034334.D

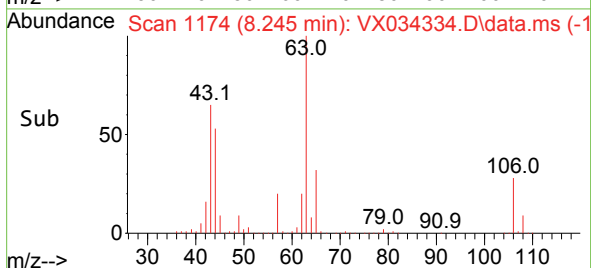
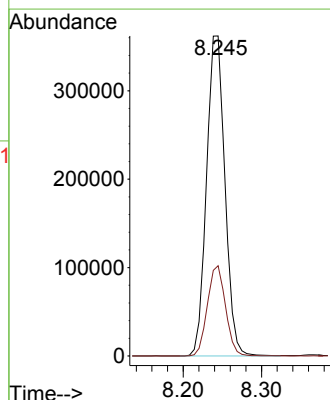
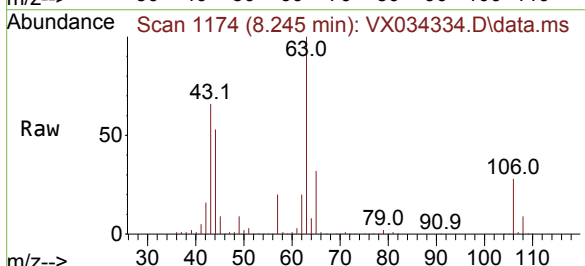
Acq: 03 Mar 2023 19:43

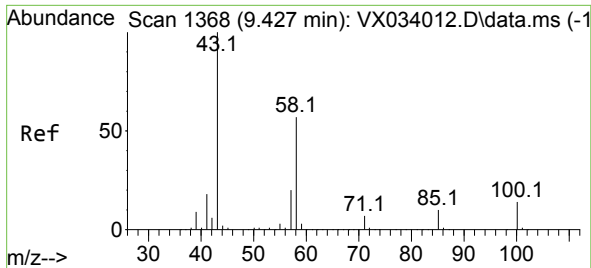
Tgt Ion: 63 Resp: 589915

Ion Ratio Lower Upper

63 100

106 27.8 24.5 36.7

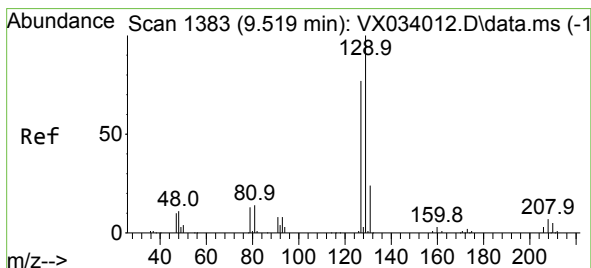
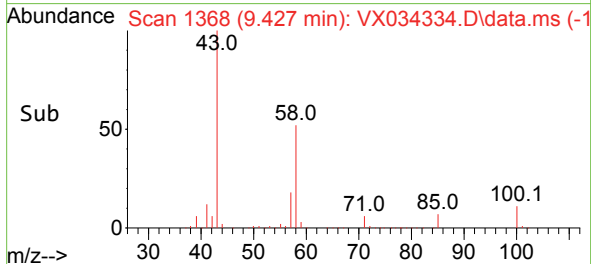
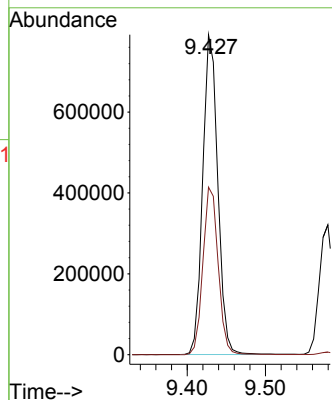
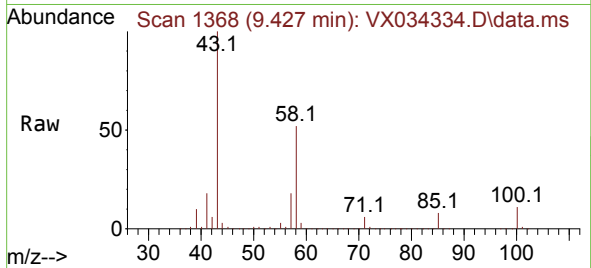




#59  
2-Hexanone  
Concen: 291.297 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

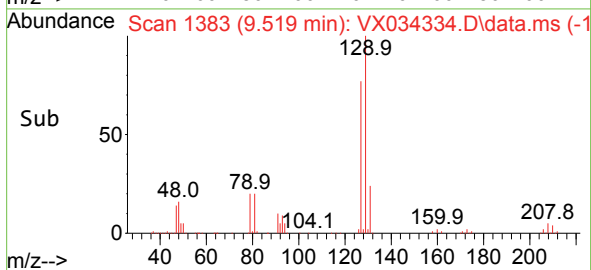
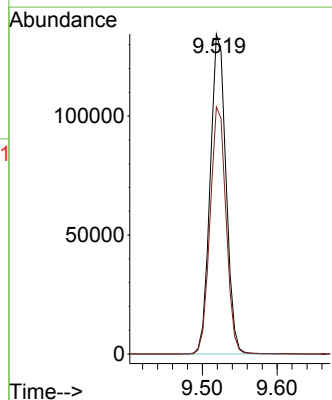
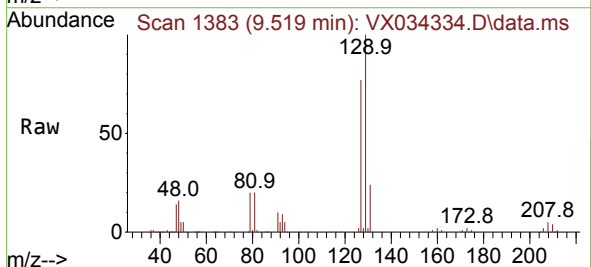
Instrument :  
MSVOA\_X  
ClientSampleId :

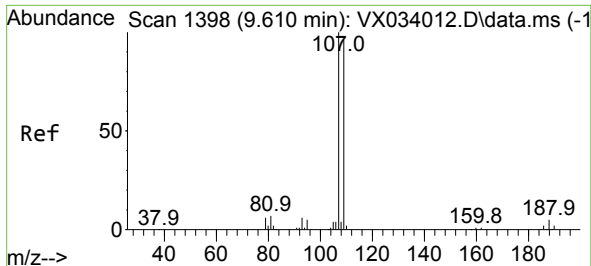
Tgt Ion: 43 Resp: 1056685  
Ion Ratio Lower Upper  
43 100  
58 53.0 27.4 82.0



#60  
Dibromochloromethane  
Concen: 56.203 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 129 Resp: 197451  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.8 116.3

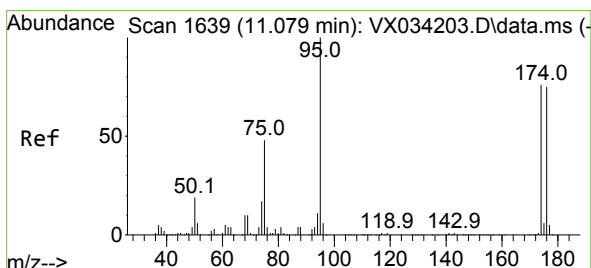
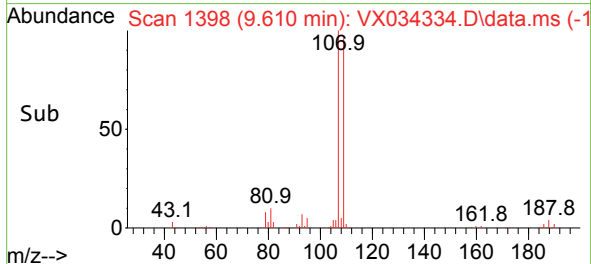
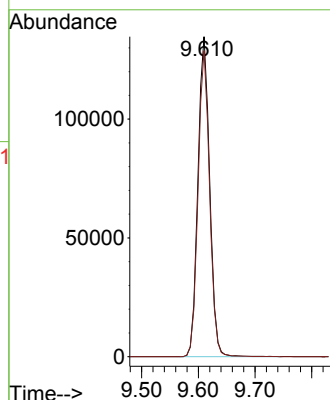
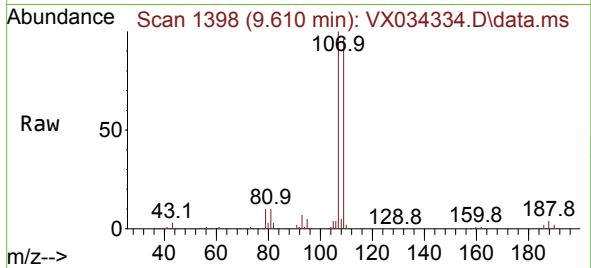




#61  
1,2-Dibromoethane  
Concen: 57.723 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

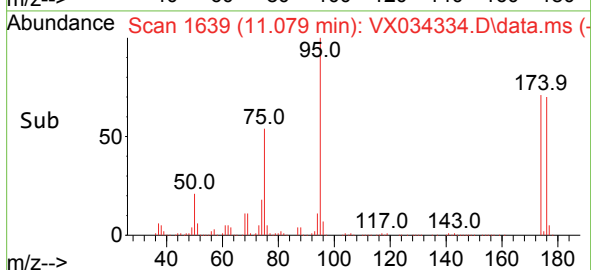
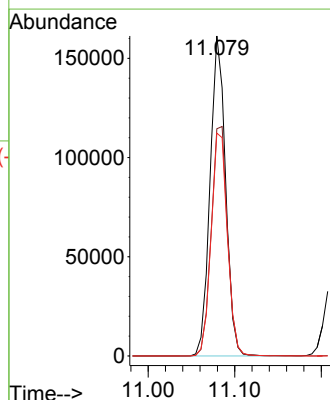
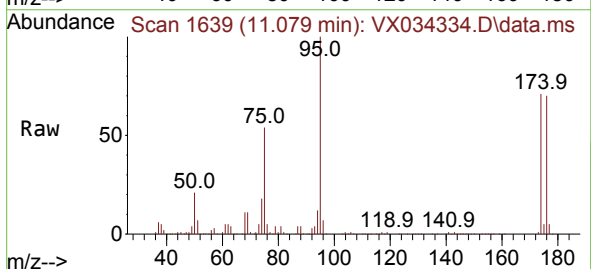
Instrument :  
MSVOA\_X  
ClientSampleId :

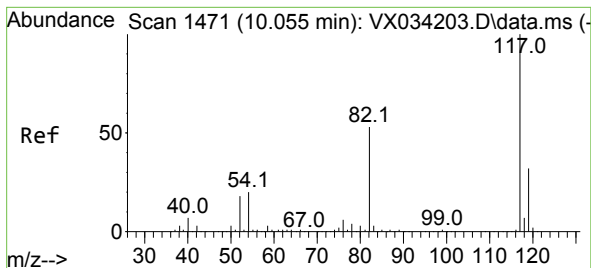
Tgt Ion:107 Resp: 194100  
Ion Ratio Lower Upper  
107 100  
109 93.9 74.2 111.2



#62  
4-Bromofluorobenzene  
Concen: 49.194 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 95 Resp: 200397  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 184.4  
176 73.1 0.0 178.8

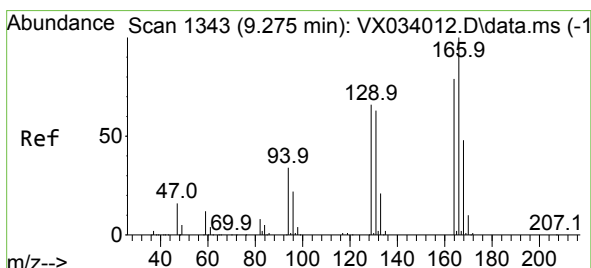
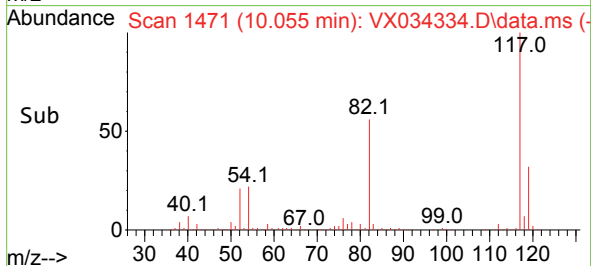
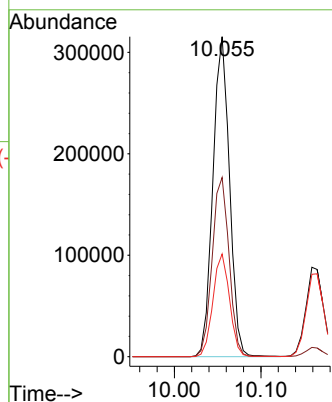
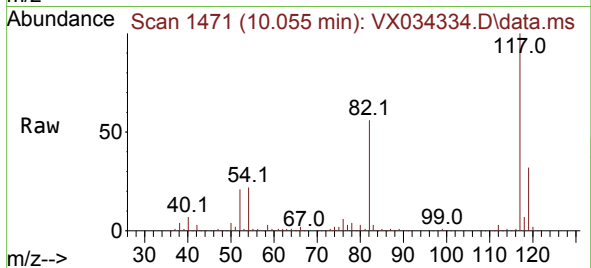




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

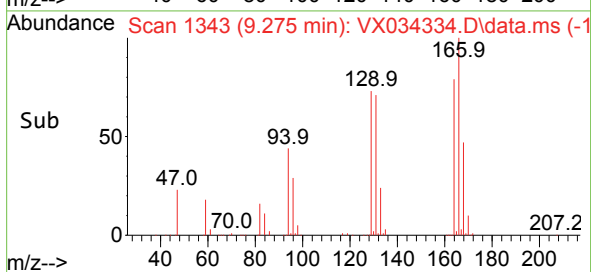
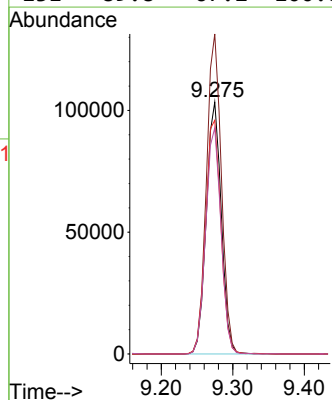
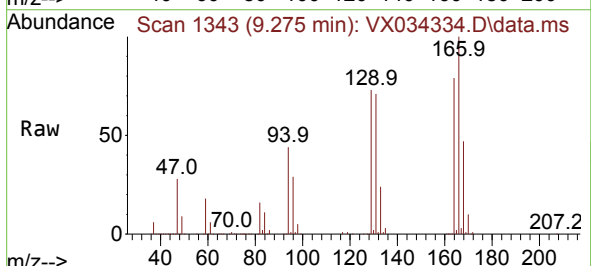
Instrument :  
MSVOA\_X  
ClientSampleId :

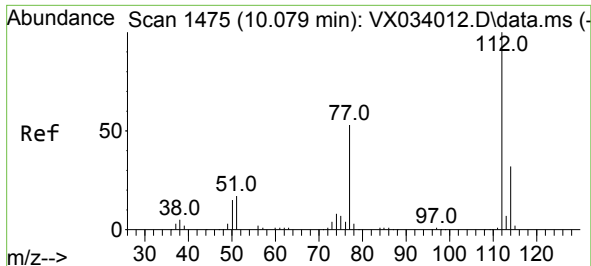
Tgt Ion:117 Resp: 419853  
Ion Ratio Lower Upper  
117 100  
82 56.0 40.6 60.8  
119 32.1 25.6 38.4



#64  
Tetrachloroethene  
Concen: 50.768 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion:164 Resp: 150438  
Ion Ratio Lower Upper  
164 100  
166 127.1 100.2 150.2  
129 92.8 69.2 103.8  
131 89.8 67.2 100.8

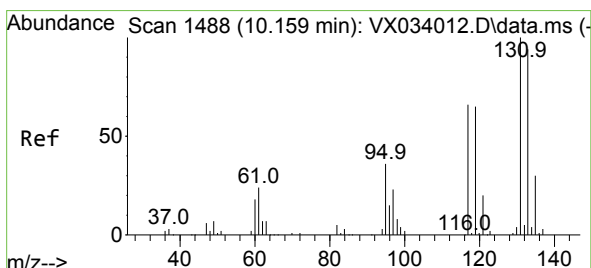
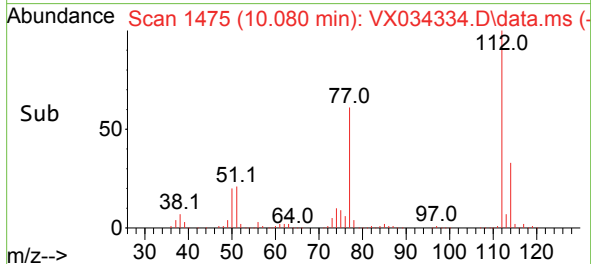
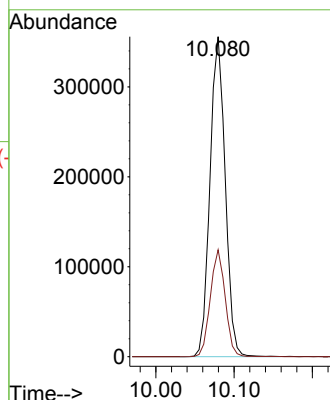
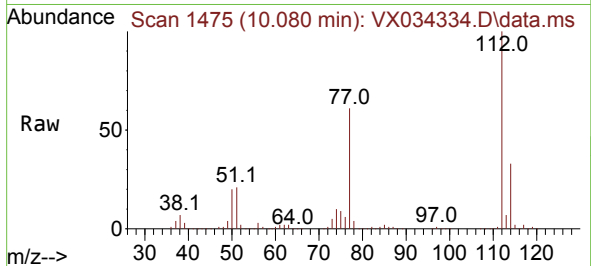




#65  
Chlorobenzene  
Concen: 54.867 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

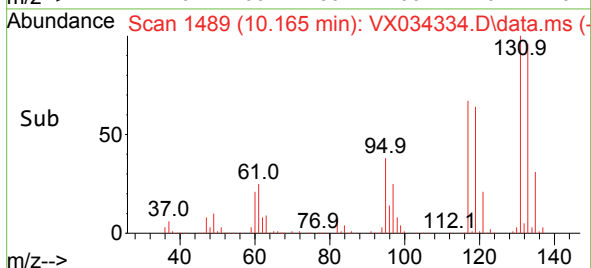
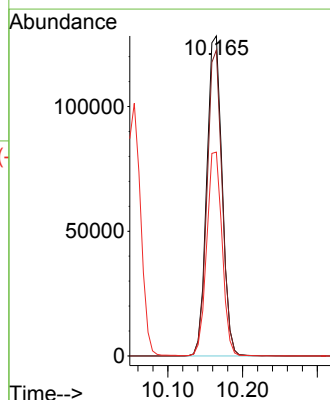
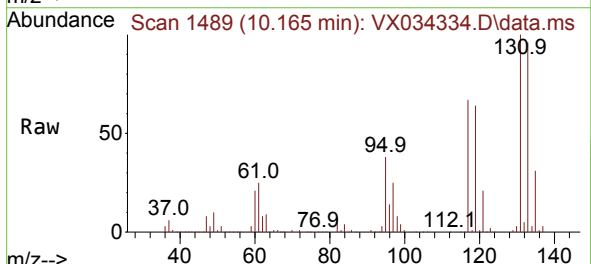
Instrument :  
MSVOA\_X  
ClientSampleId :

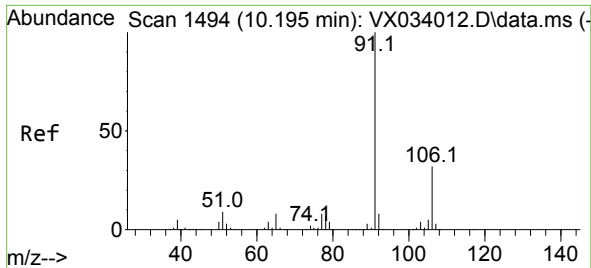
Tgt Ion:112 Resp: 480189  
Ion Ratio Lower Upper  
112 100  
114 33.4 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.936 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

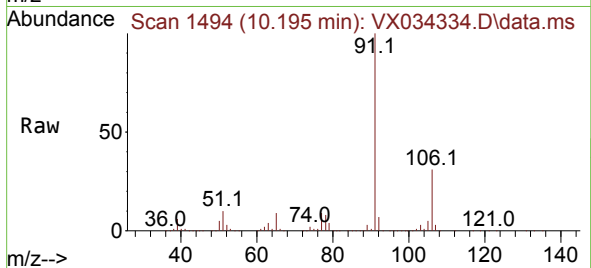
Tgt Ion:131 Resp: 182738  
Ion Ratio Lower Upper  
131 100  
133 93.8 48.4 145.0  
119 64.0 31.9 95.7



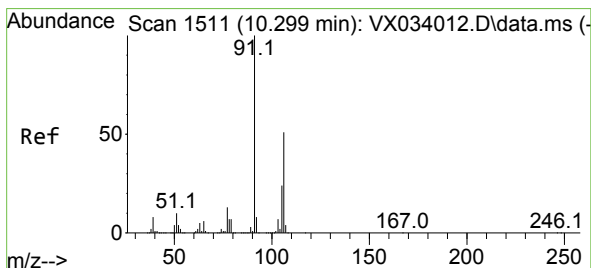
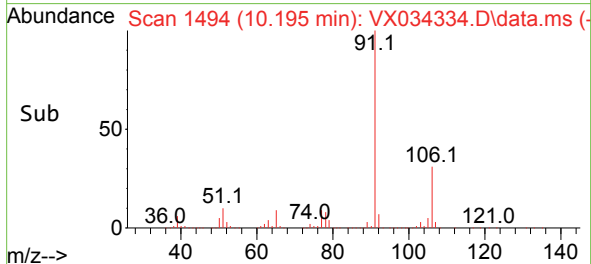
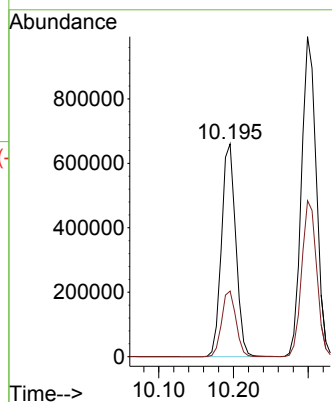


#67  
Ethyl Benzene  
Concen: 55.632 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :

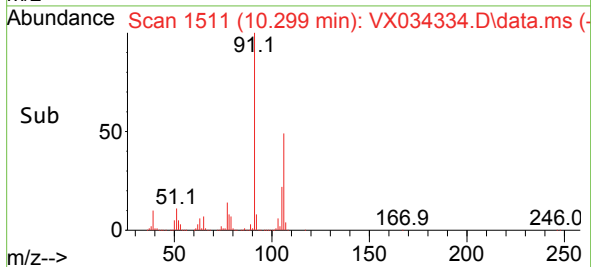
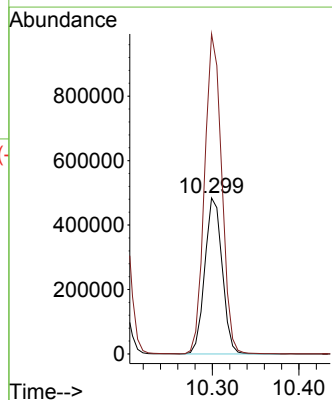
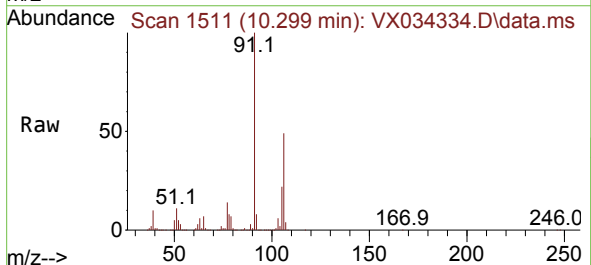


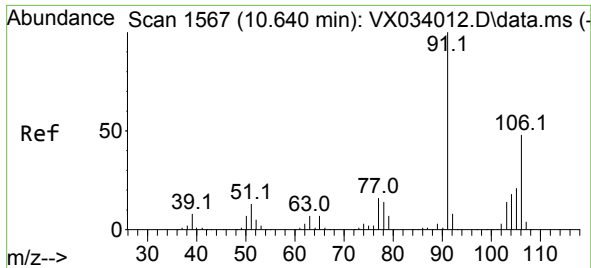
Tgt Ion: 91 Resp: 874705  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.8 38.8



#68  
m/p-Xylenes  
Concen: 111.867 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 106 Resp: 673107  
Ion Ratio Lower Upper  
106 100  
91 203.0 156.4 234.6

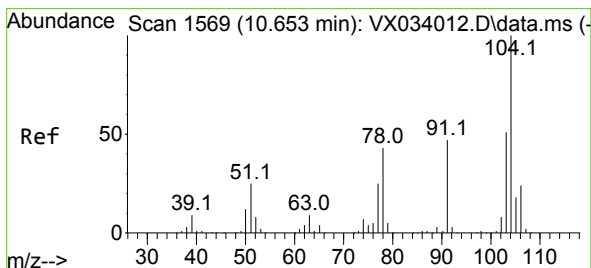
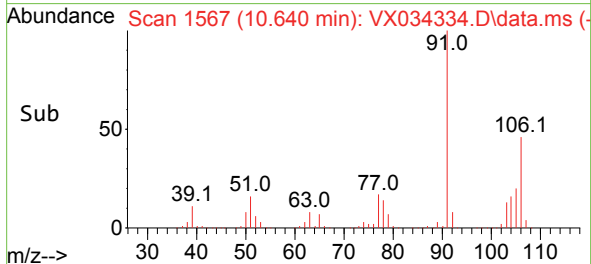
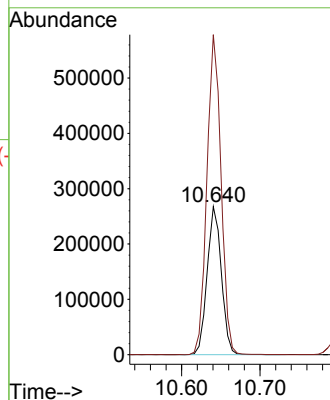
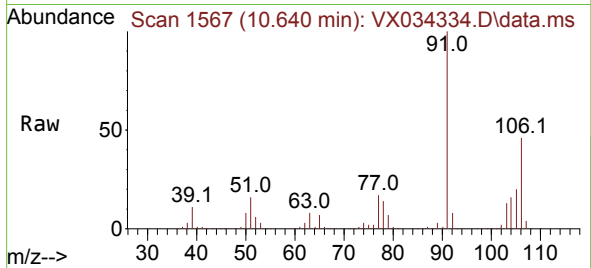




#69  
o-Xylene  
Concen: 56.157 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

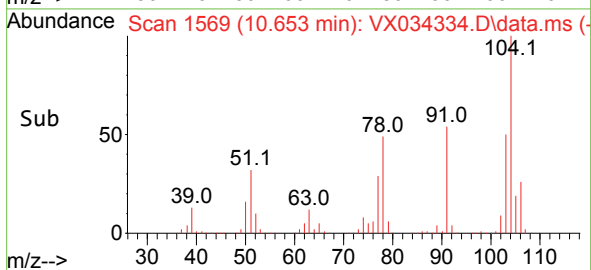
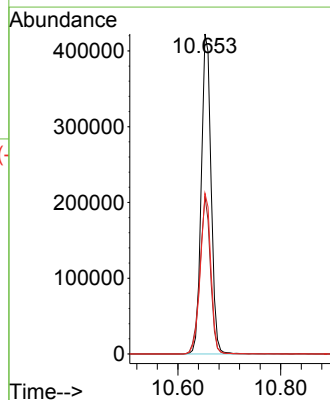
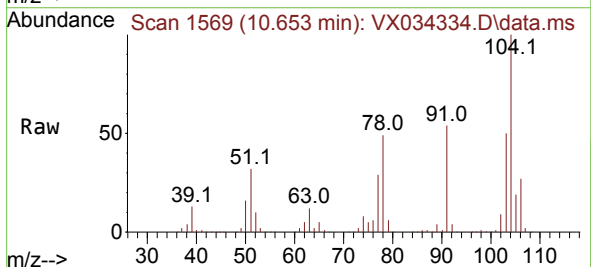
Instrument :  
MSVOA\_X  
ClientSampleId :

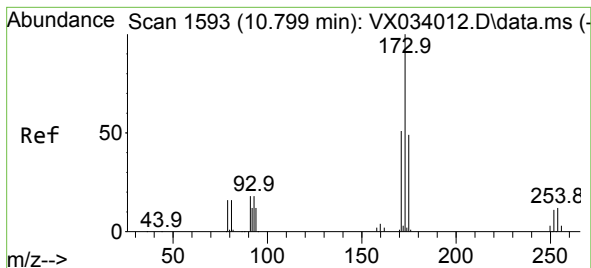
Tgt Ion:106 Resp: 336394  
Ion Ratio Lower Upper  
106 100  
91 214.7 103.1 309.3



#70  
Styrene  
Concen: 57.396 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion:104 Resp: 559171  
Ion Ratio Lower Upper  
104 100  
78 52.7 37.5 56.3  
103 54.3 43.3 64.9





#71

Bromoform

Concen: 53.914 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

ClientSampleId :

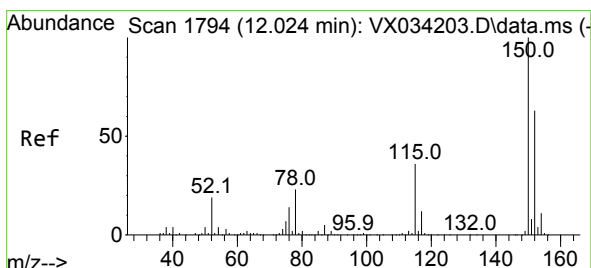
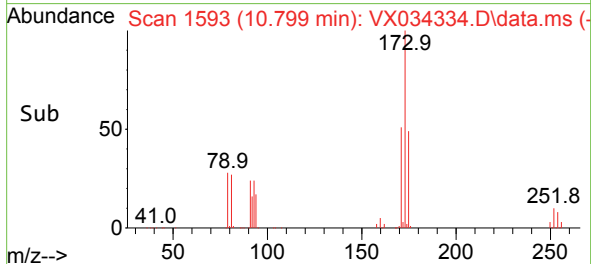
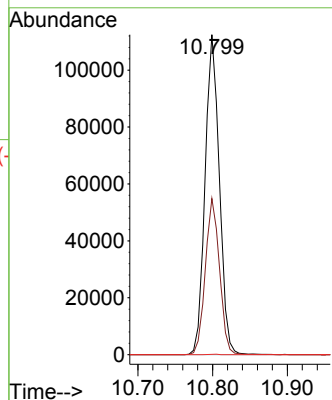
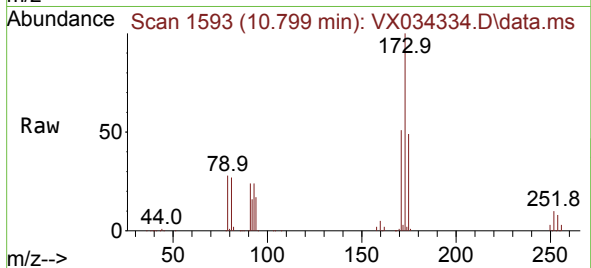
Tgt Ion:173 Resp: 149101

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.3

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

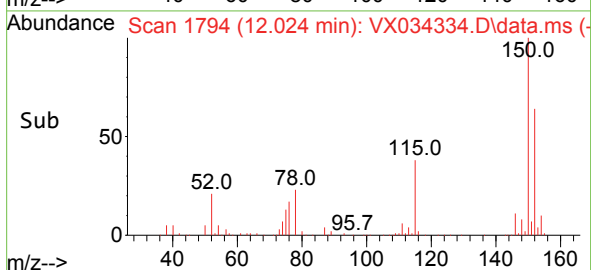
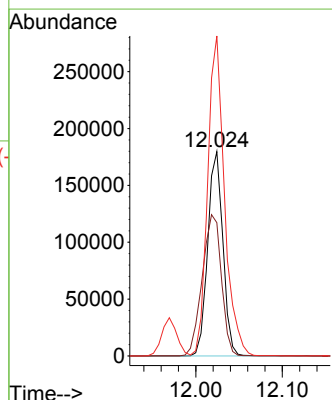
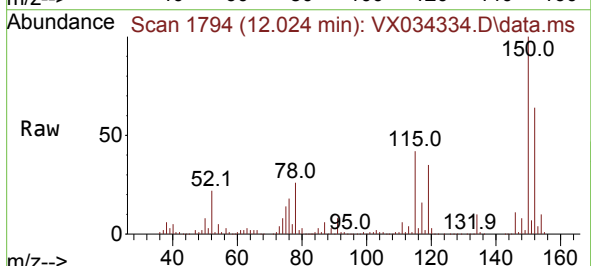
Tgt Ion:152 Resp: 218500

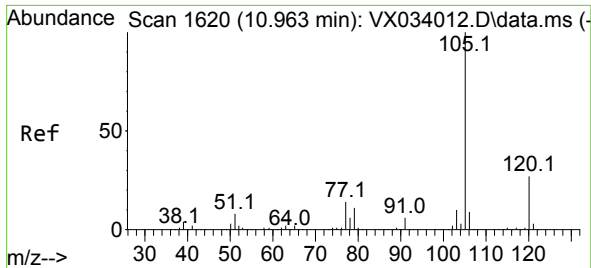
Ion Ratio Lower Upper

152 100

115 87.5 38.7 116.1

150 173.7 0.0 348.2

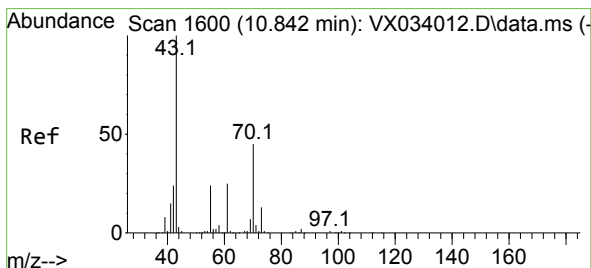
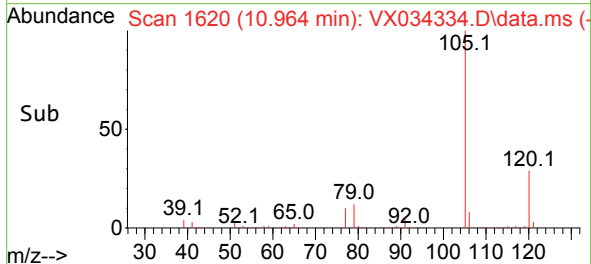
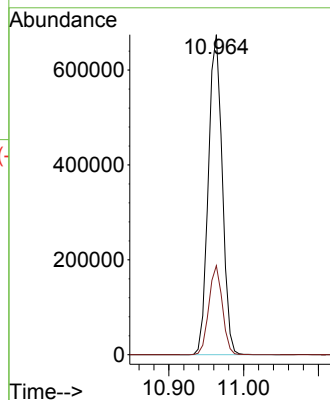
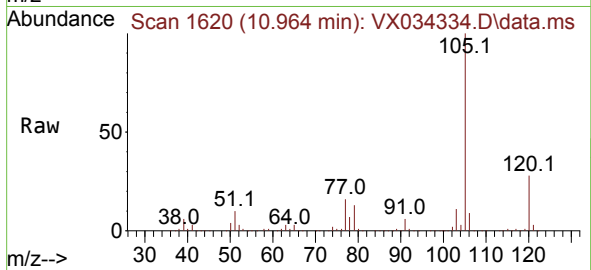




#73  
Isopropylbenzene  
Concen: 52.215 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

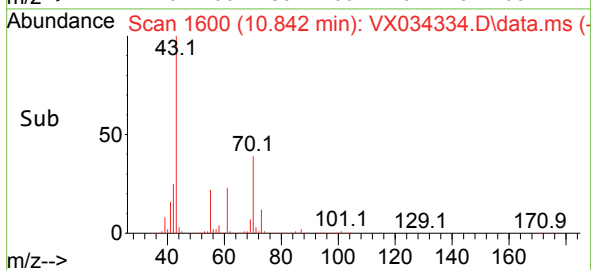
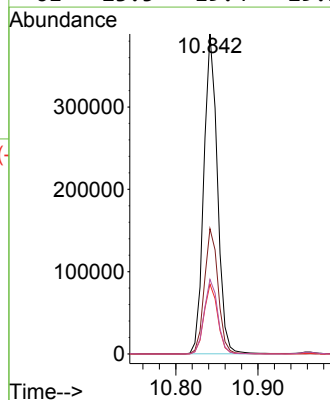
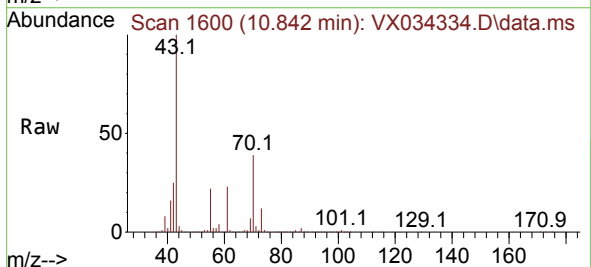
Instrument :  
MSVOA\_X  
ClientSampleId :

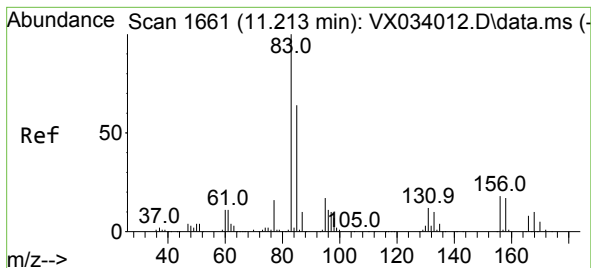
Tgt Ion:105 Resp: 869509  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.6 40.8



#74  
N-ethyl acetate  
Concen: 53.348 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 43 Resp: 446308  
Ion Ratio Lower Upper  
43 100  
70 39.7 34.8 52.2  
55 22.1 19.4 29.0  
61 23.5 19.4 29.2

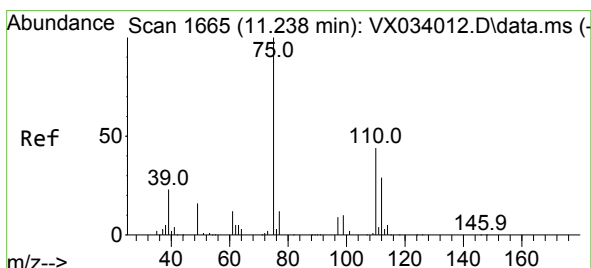
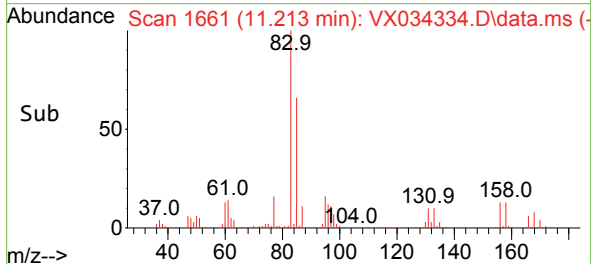
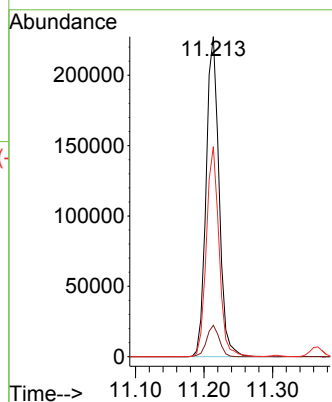
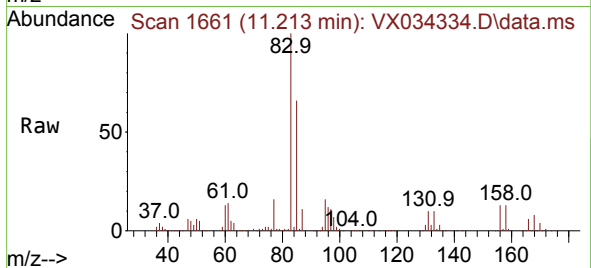




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.437 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

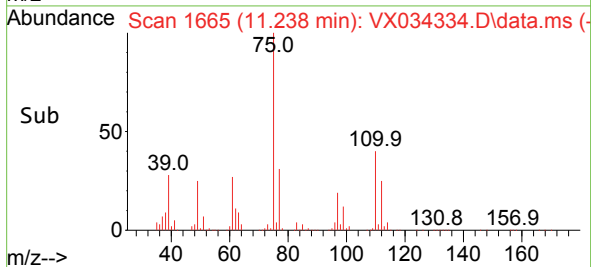
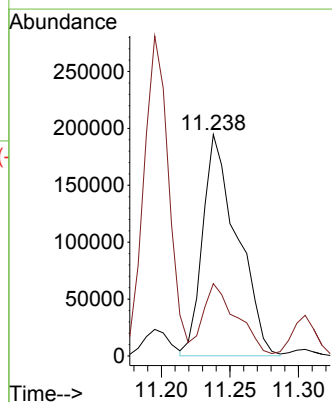
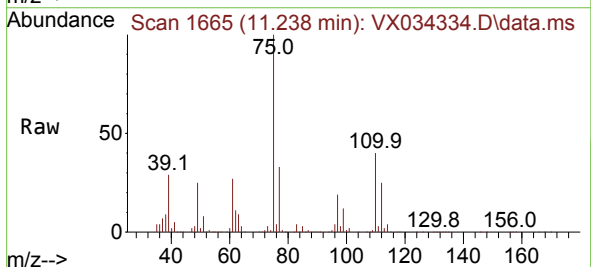
Instrument :  
MSVOA\_X  
ClientSampleId :

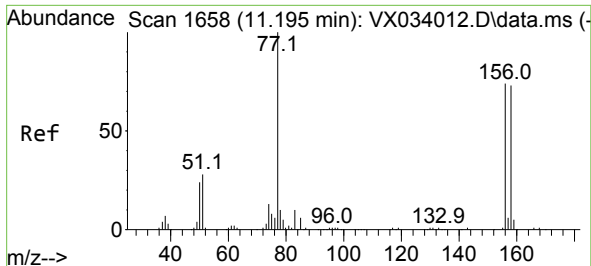
Tgt Ion: 83 Resp: 298662  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.5 16.7  
85 64.4 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 62.218 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 75 Resp: 342077  
Ion Ratio Lower Upper  
75 100  
77 32.0 21.8 65.4

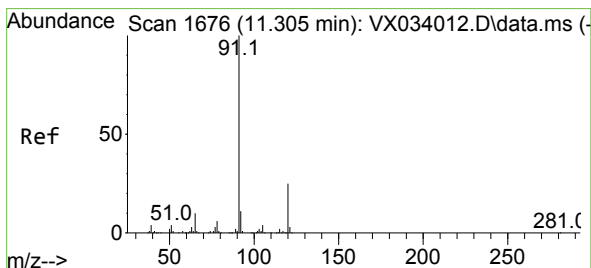
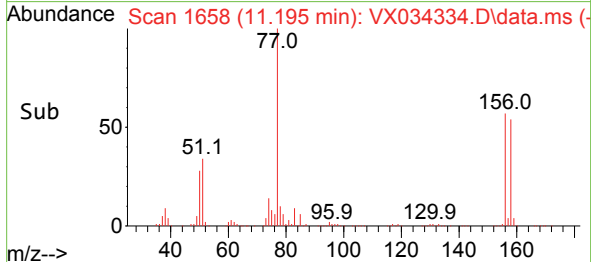
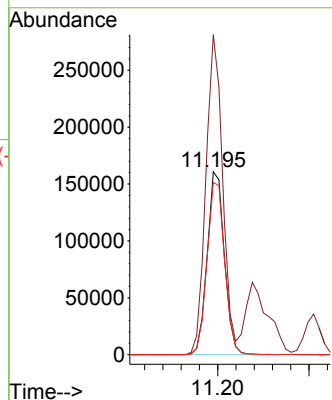
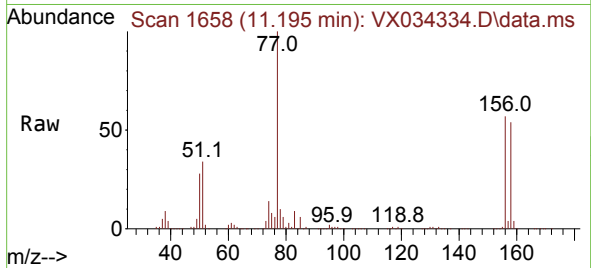




#77  
Bromobenzene  
Concen: 52.219 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

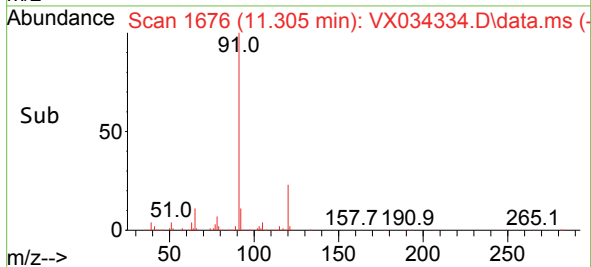
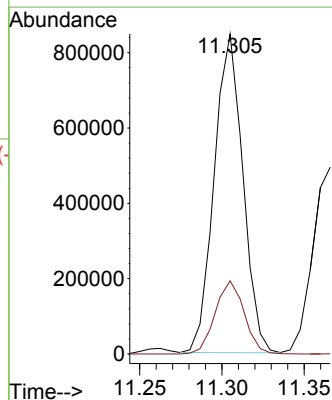
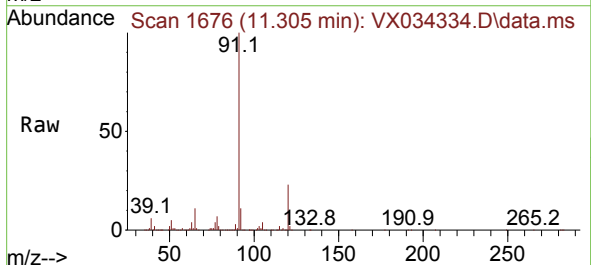
Instrument :  
MSVOA\_X  
ClientSampleId :

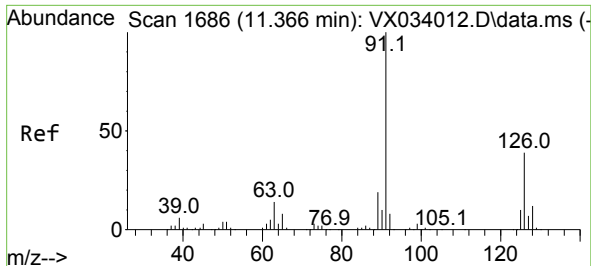
Tgt Ion:156 Resp: 209261  
Ion Ratio Lower Upper  
156 100  
77 170.2 68.1 204.3  
158 96.4 48.0 144.2



#78  
n-propylbenzene  
Concen: 52.911 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 91 Resp: 1024728  
Ion Ratio Lower Upper  
91 100  
120 23.2 12.3 36.8





#79

2-Chlorotoluene

Concen: 52.937 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

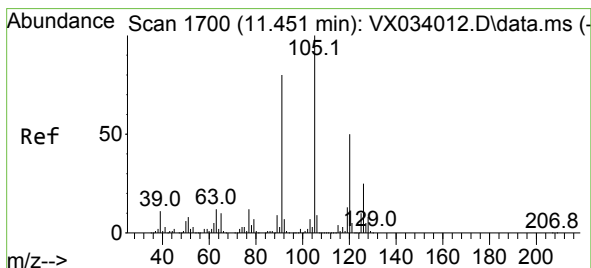
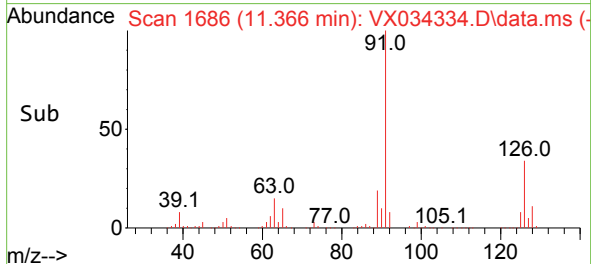
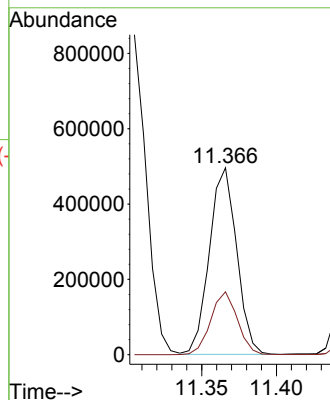
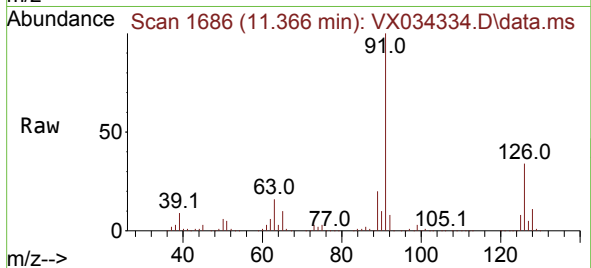
ClientSampleId :

Tgt Ion: 91 Resp: 628658

Ion Ratio Lower Upper

91 100

126 32.9 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: 52.596 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034334.D

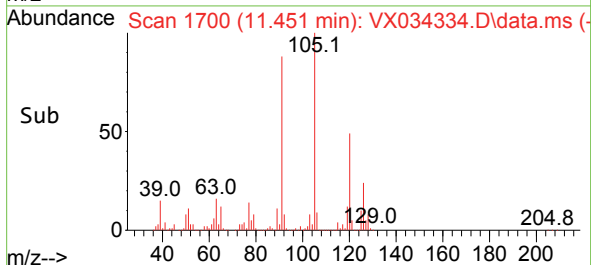
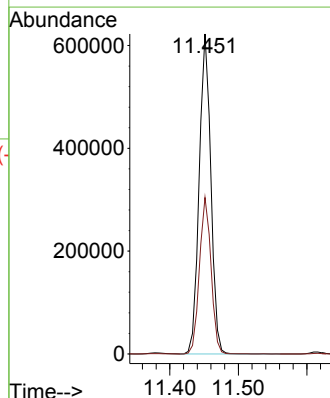
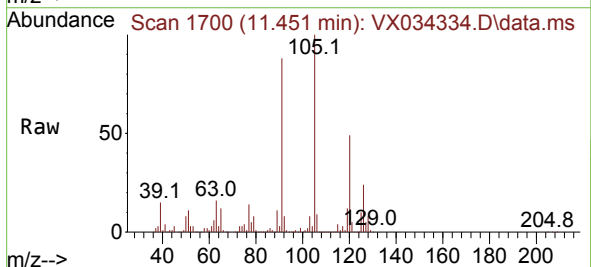
Acq: 03 Mar 2023 19:43

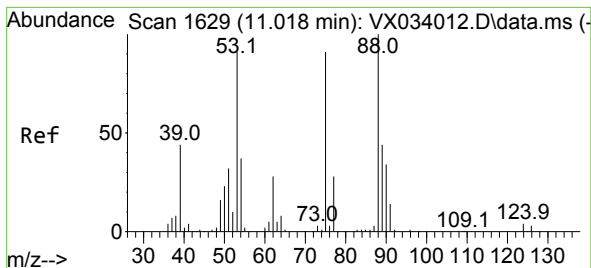
Tgt Ion: 105 Resp: 736372

Ion Ratio Lower Upper

105 100

120 48.7 25.6 76.8

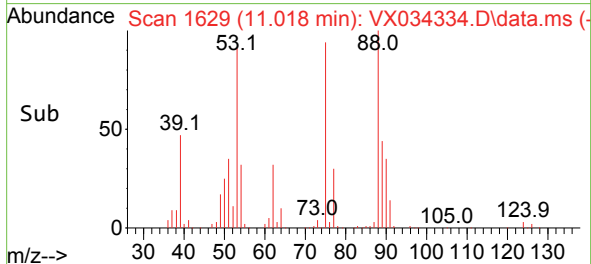
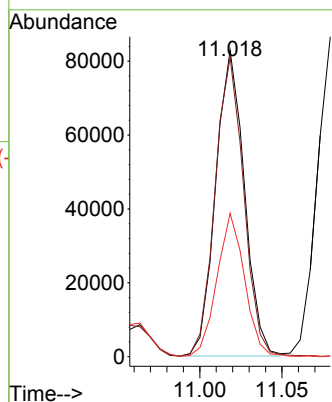
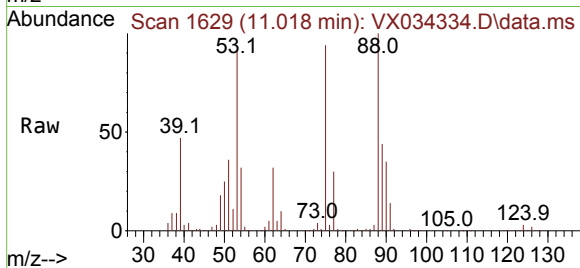




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.918 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

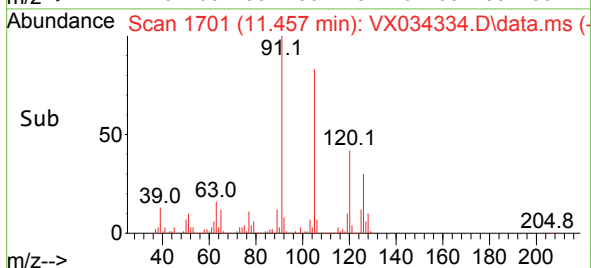
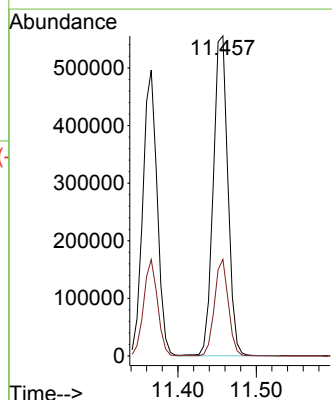
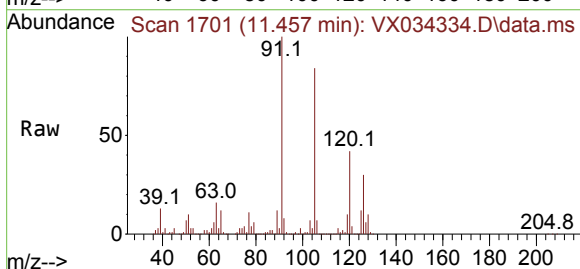
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 100415  
Ion Ratio Lower Upper  
75 100  
53 97.6 83.0 124.6  
89 45.4 37.7 56.5



#82  
4-Chlorotoluene  
Concen: 53.162 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX034334.D  
Acq: 03 Mar 2023 19:43

Tgt Ion: 91 Resp: 719061  
Ion Ratio Lower Upper  
91 100  
126 28.7 15.8 47.4





#83

tert-Butylbenzene

Concen: 52.386 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

ClientSampleId :

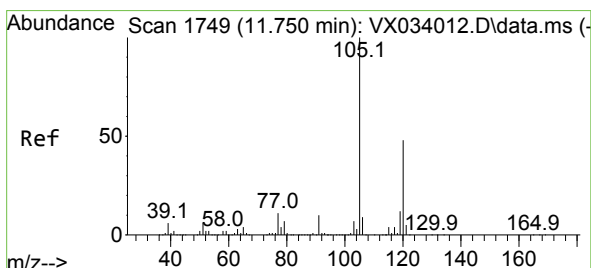
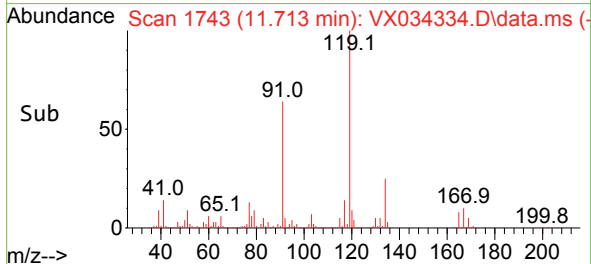
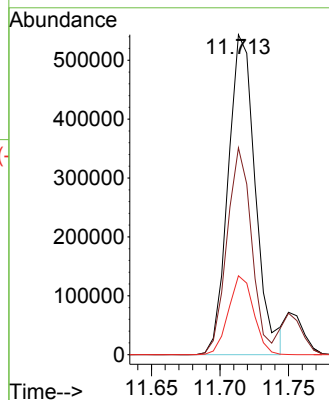
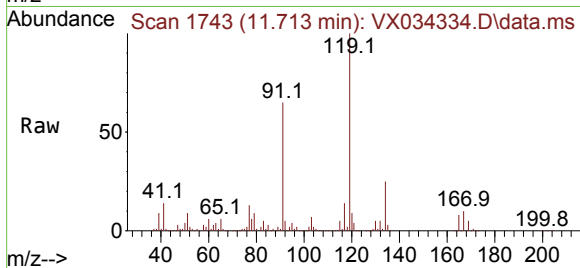
Tgt Ion:119 Resp: 751165

Ion Ratio Lower Upper

119 100

91 58.7 26.9 80.7

134 22.8 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 52.661 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034334.D

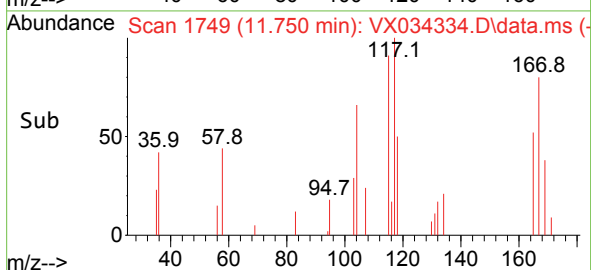
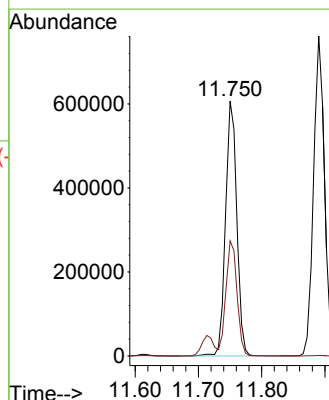
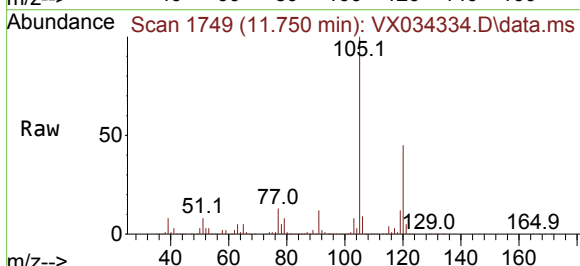
Acq: 03 Mar 2023 19:43

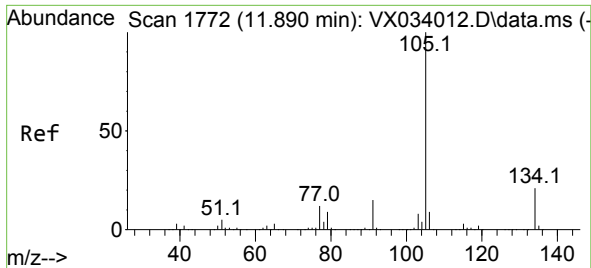
Tgt Ion:105 Resp: 745477

Ion Ratio Lower Upper

105 100

120 44.6 23.4 70.2

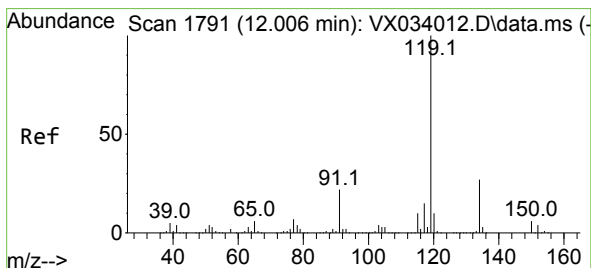
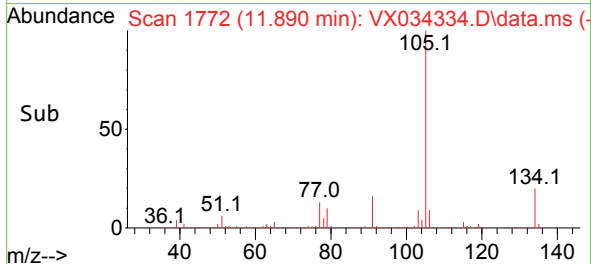
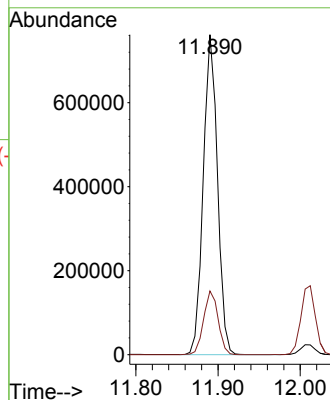
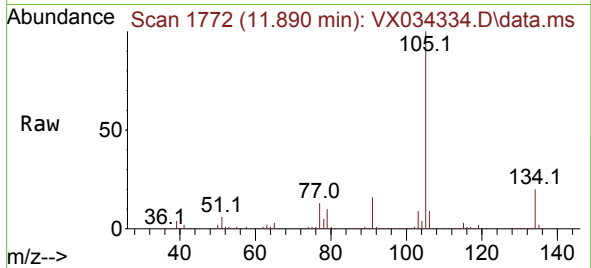




#85  
 sec-Butylbenzene  
 Concen: 52.470 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

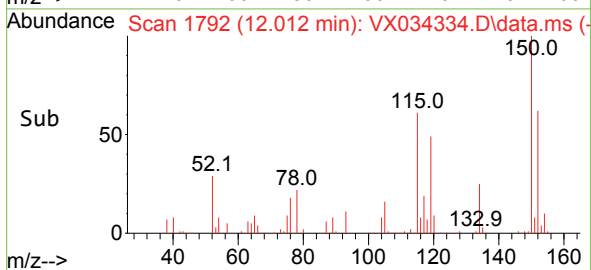
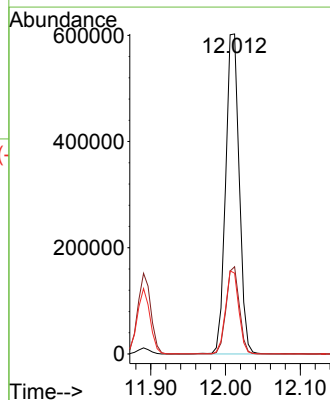
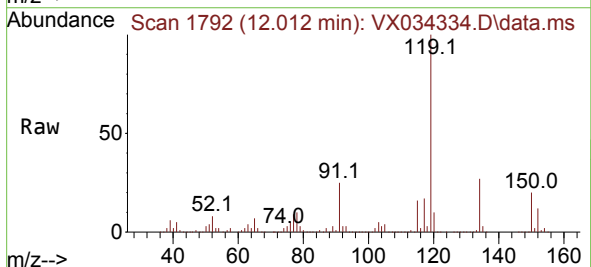
Instrument :  
 MSVOA\_X  
 ClientSampleId :

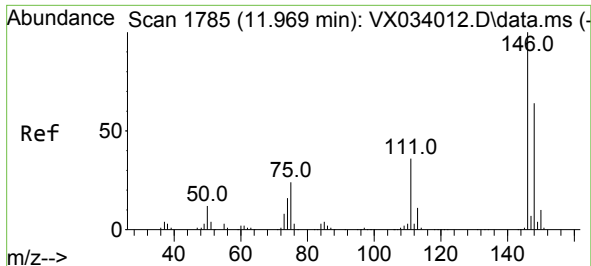
Tgt Ion:105 Resp: 913665  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.8 32.3



#86  
 p-Isopropyltoluene  
 Concen: 52.775 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX034334.D  
 Acq: 03 Mar 2023 19:43

Tgt Ion:119 Resp: 760542  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.6 40.8  
 91 25.3 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 52.076 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

ClientSampleId :

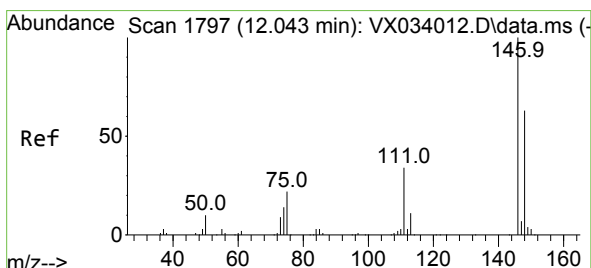
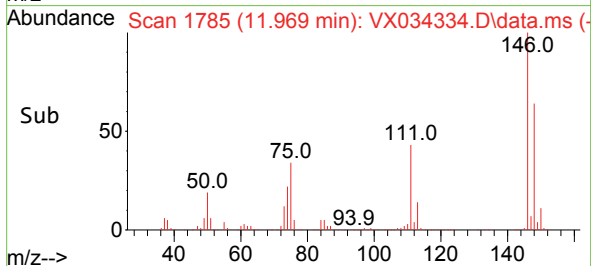
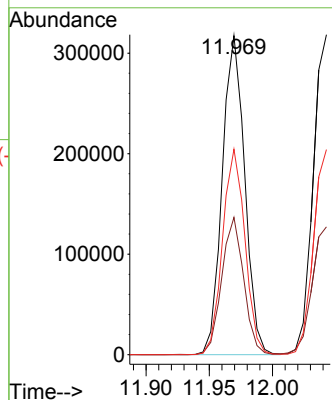
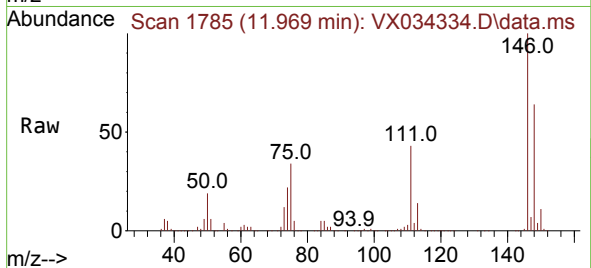
Tgt Ion:146 Resp: 391382

Ion Ratio Lower Upper

146 100

111 42.2 18.6 55.6

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 52.045 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

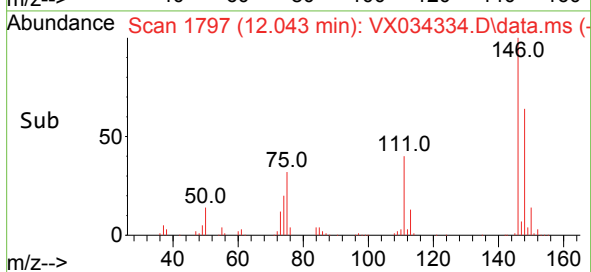
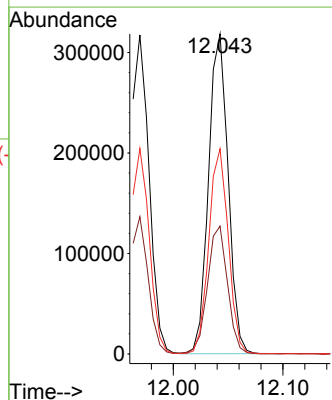
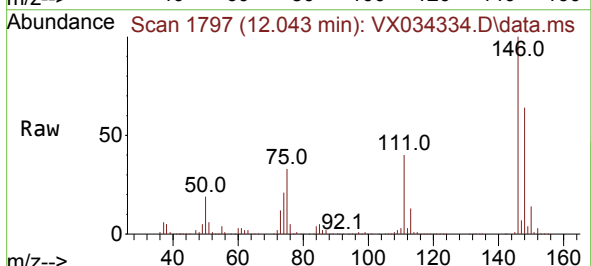
Tgt Ion:146 Resp: 394525

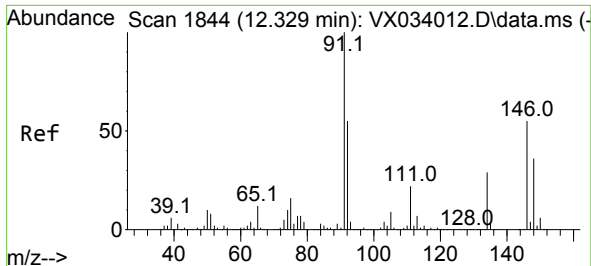
Ion Ratio Lower Upper

146 100

111 40.9 17.8 53.4

148 63.9 32.1 96.3





#89

n-Butylbenzene

Concen: 51.880 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

ClientSampleId :

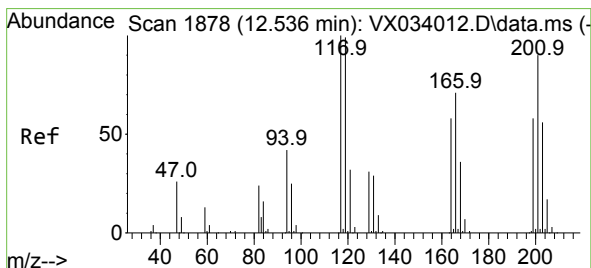
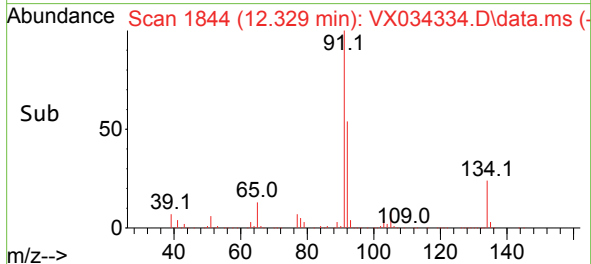
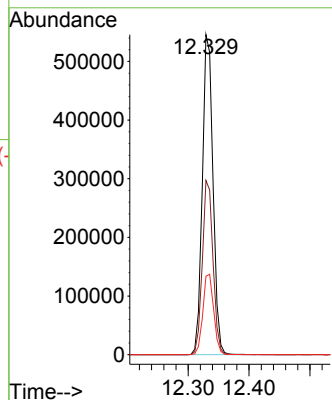
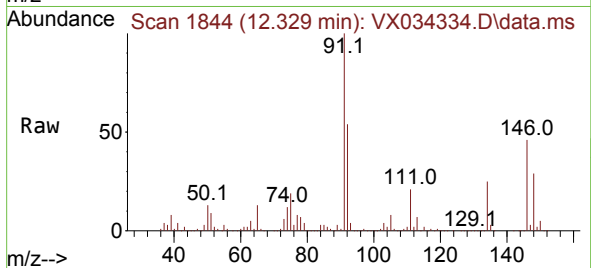
Tgt Ion: 91 Resp: 665897

Ion Ratio Lower Upper

91 100

92 54.6 27.5 82.5

134 25.6 14.3 42.9



#90

Hexachloroethane

Concen: 49.654 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034334.D

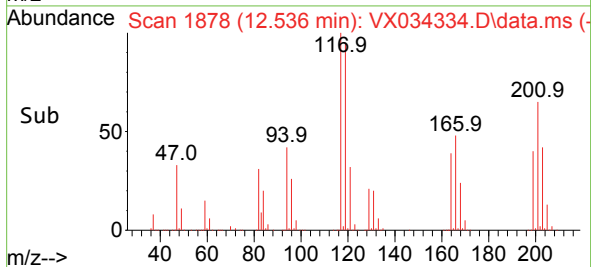
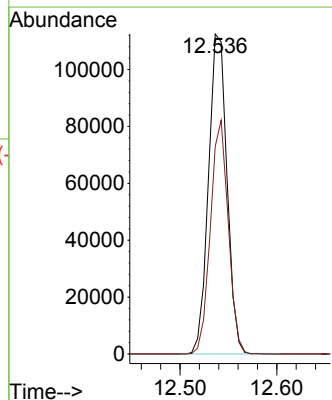
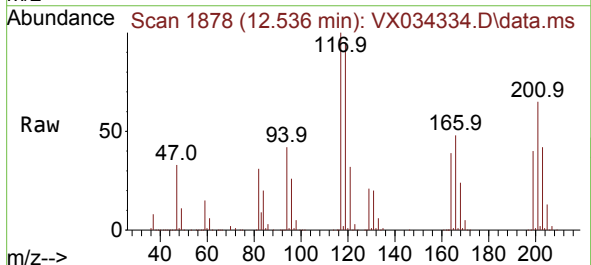
Acq: 03 Mar 2023 19:43

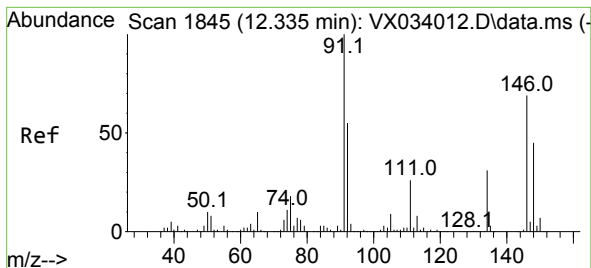
Tgt Ion: 117 Resp: 149613

Ion Ratio Lower Upper

117 100

201 70.4 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 52.663 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

ClientSampleId :

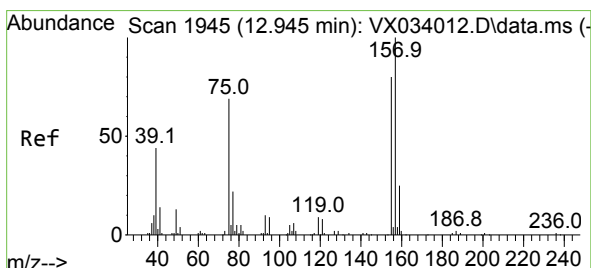
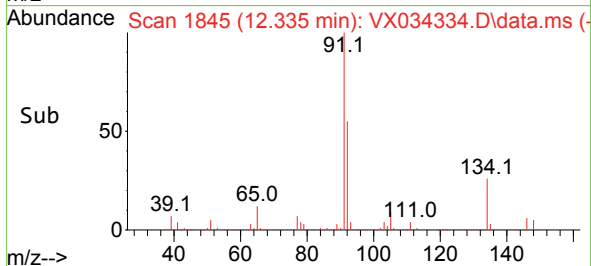
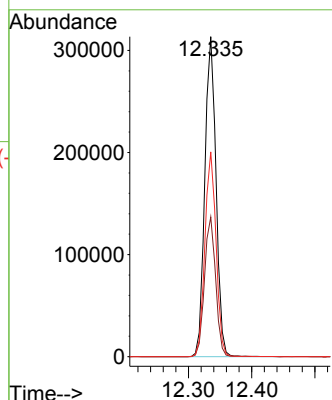
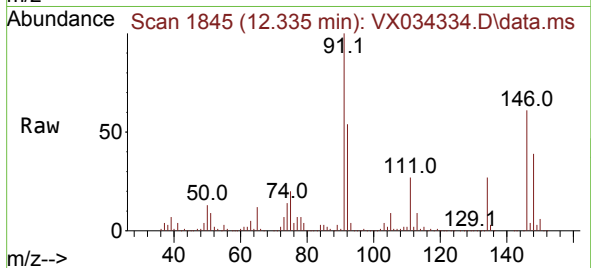
Tgt Ion:146 Resp: 387246

Ion Ratio Lower Upper

146 100

111 43.6 19.3 57.8

148 63.6 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.775 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

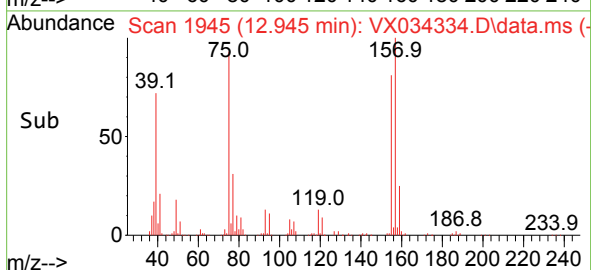
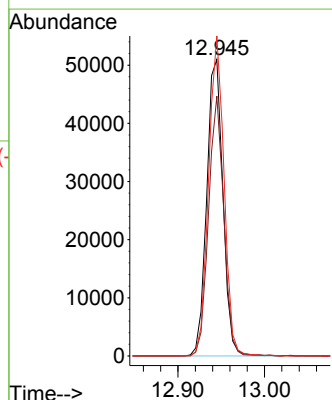
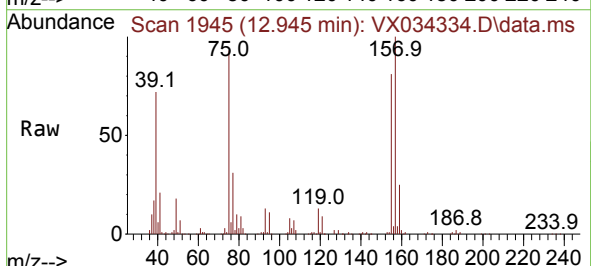
Tgt Ion: 75 Resp: 66246

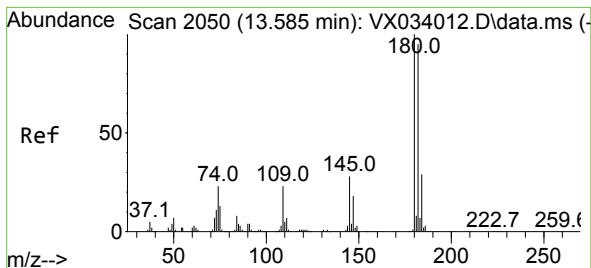
Ion Ratio Lower Upper

75 100

155 82.2 51.7 155.1

157 103.2 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 49.740 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

ClientSampleId :

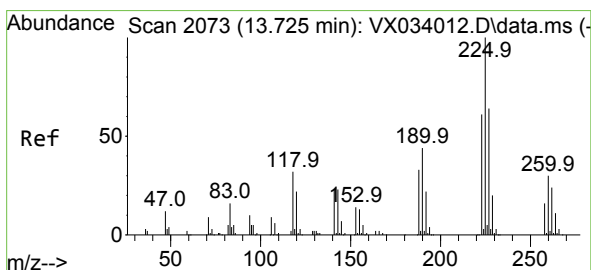
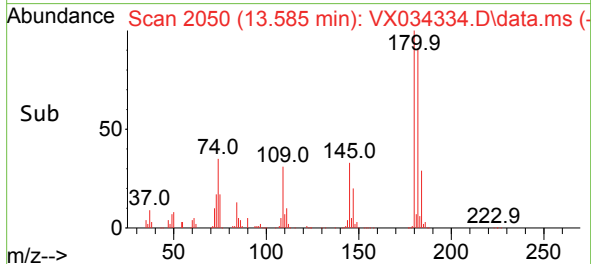
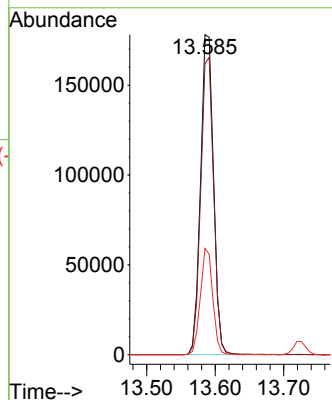
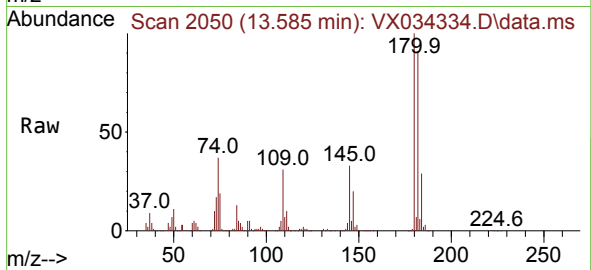
Tgt Ion:180 Resp: 234817

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.6

145 31.7 14.1 42.2



#94

Hexachlorobutadiene

Concen: 46.863 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

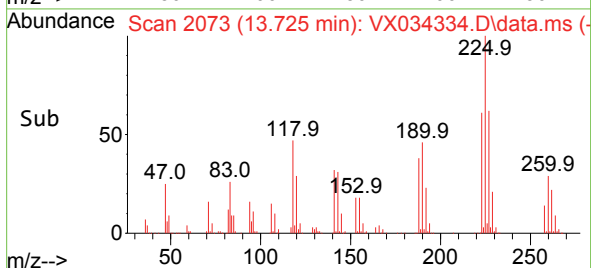
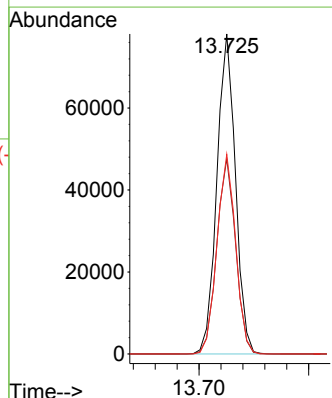
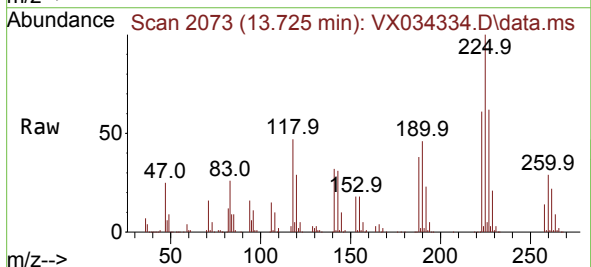
Tgt Ion:225 Resp: 91714

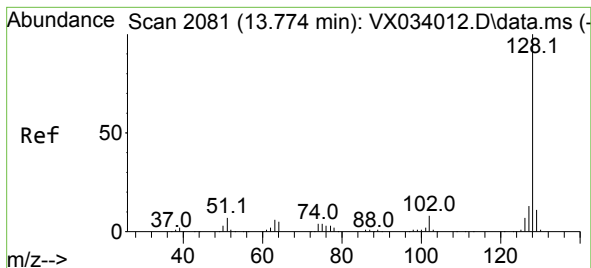
Ion Ratio Lower Upper

225 100

223 62.0 31.3 93.9

227 62.8 32.3 96.9





#95

Naphthalene

Concen: 51.678 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Instrument :

MSVOA\_X

ClientSampleId :

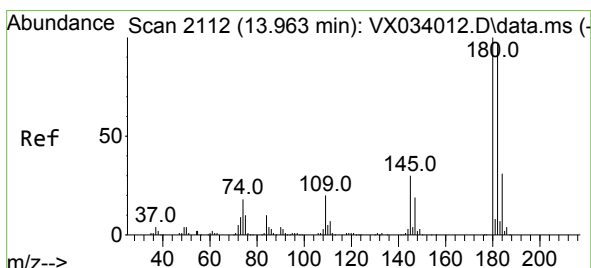
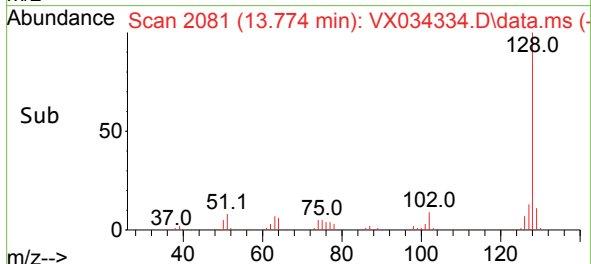
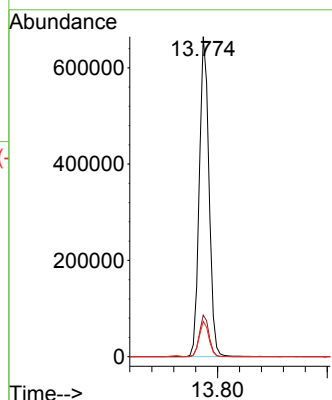
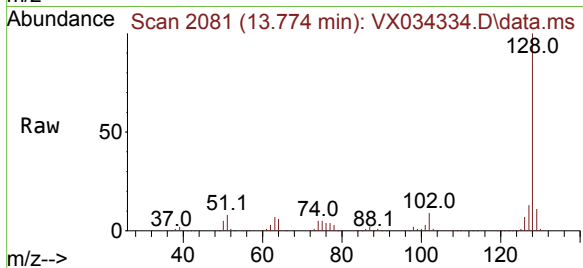
Tgt Ion:128 Resp: 821860

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.849 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034334.D

Acq: 03 Mar 2023 19:43

Tgt Ion:180 Resp: 233636

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 33.4 15.1 45.3

