

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081623\  
 Data File : VX037029.D  
 Acq On : 16 Aug 2023 20:12  
 Operator : JC/MD  
 Sample : 04024-12MS  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE114D1-20230815MS

Quant Time: Aug 17 04:19:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 118381   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 205660   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 188320   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 98576    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 85674    | 48.911   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 97.820%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 71892    | 50.858   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 101.720% |
| 50) Toluene-d8               | 8.647  | 98    | 230630   | 46.007   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 92.020%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 99923    | 52.833   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 105.660% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 80949    | 51.762   | ug/l   | 99       |
| 3) Chloromethane             | 1.295  | 50    | 65972    | 46.381   | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.374  | 62    | 73793    | 50.956   | ug/l   | 100      |
| 5) Bromomethane              | 1.599  | 94    | 41736    | 48.273   | ug/l   | 99       |
| 6) Chloroethane              | 1.679  | 64    | 39050    | 55.463   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.880  | 101   | 132252   | 59.137   | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 49413    | 57.110   | ug/l   | 77       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 108544   | 80.786   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.453  | 142   | 87835    | 62.940   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 2.965  | 59    | 135451   | 326.635  | ug/l # | 91       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 75497    | 56.954   | ug/l   | 84       |
| 13) Acrolein                 | 2.239  | 56    | 54239    | 229.185  | ug/l   | 98       |
| 14) Allyl chloride           | 2.660  | 41    | 111033   | 42.537   | ug/l # | 95       |
| 15) Acrylonitrile            | 3.062  | 53    | 224118   | 268.742  | ug/l   | 98       |
| 16) Acetone                  | 2.380  | 43    | 206695   | 284.368  | ug/l   | 93       |
| 17) Carbon Disulfide         | 2.508  | 76    | 151999   | 41.547   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703  | 43    | 145983   | 47.742   | ug/l # | 89       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 280385   | 56.287   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788  | 84    | 81287    | 50.286   | ug/l   | 88       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 76936    | 51.931   | ug/l   | 88       |
| 22) Diisopropyl ether        | 3.764  | 45    | 234427   | 47.301   | ug/l # | 83       |
| 23) Vinyl Acetate            | 3.721  | 43    | 808274   | 212.608  | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 148724   | 53.523   | ug/l   | 98       |
| 25) 2-Butanone               | 4.556  | 43    | 320328   | 271.630  | ug/l # | 89       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 93646    | 35.766   | ug/l   | 95       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 102364   | 58.173   | ug/l   | 87       |
| 28) Bromochloromethane       | 4.904  | 49    | 59210    | 44.059   | ug/l # | 81       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 200412   | 263.594  | ug/l # | 84       |
| 30) Chloroform               | 5.093  | 83    | 169012   | 59.452   | ug/l   | 96       |
| 31) Cyclohexane              | 5.471  | 56    | 107560   | 44.350   | ug/l # | 84       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 149837   | 57.522   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 109323   | 51.887   | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.715  | 43    | 108805   | 45.625   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 132692   | 59.238   | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.379  | 83    | 112110   | 42.792   | ug/l   | 92       |
| 40) Benzene                  | 6.038  | 78    | 324509   | 52.937   | ug/l   | 98       |

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 ALS Vial : 27 Sample Multiplier: 1

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 MSVOA\_X  
 ClientSampleId :  
 RE114D1-20230815MS

Quant Time: Aug 17 04:19:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 65997    | 51.744   | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 131200   | 58.539   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 184758   | 45.008   | ug/l # | 92       |
| 44) Trichloroethene           | 7.123  | 130  | 765882   | 477.980  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 82692    | 50.525   | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 64798    | 56.570   | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.824  | 83   | 129337   | 55.009   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 94559    | 49.531   | ug/l # | 87       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 56456    | 1463.865 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 611260   | 269.076  | ug/l   | 93       |
| 52) Toluene                   | 8.720  | 92   | 214158   | 55.755   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 128952   | 48.525   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 136687   | 48.744   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 93813    | 58.103   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 143260   | 54.489   | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 151046   | 56.167   | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 472378   | 280.181  | ug/l   | 90       |
| 60) Dibromochloromethane      | 9.519  | 129  | 100947   | 56.883   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 98480    | 58.851   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 76243    | 54.279   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 233213   | 56.181   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 91130    | 56.798   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 415885   | 54.842   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 318636   | 112.616  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 157771   | 55.863   | ug/l   | 100      |
| 70) Styrene                   | 10.653 | 104  | 264809   | 56.830   | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 73083    | 56.270   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.964 | 105  | 409734   | 50.225   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.842 | 43   | 151060   | 39.708   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 142236   | 51.621   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 159595   | 68.832   | ug/l   | 91       |
| 77) Bromobenzene              | 11.195 | 156  | 99155    | 53.370   | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 457520   | 48.493   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 289290   | 50.600   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 342593   | 50.198   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 40355    | 39.449   | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 335915   | 51.567   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 336404   | 50.175   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 348675   | 51.085   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 393234   | 47.030   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 334710   | 48.649   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 185261   | 53.839   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 187784   | 54.990   | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.329 | 91   | 274819   | 44.621   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 60446    | 43.337   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 185795   | 55.953   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 36058    | 56.315   | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 107763   | 52.676   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 41002    | 48.445   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 420085   | 58.926   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 109075   | 54.096   | ug/l   | 99       |

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RE114D1-20230815MS

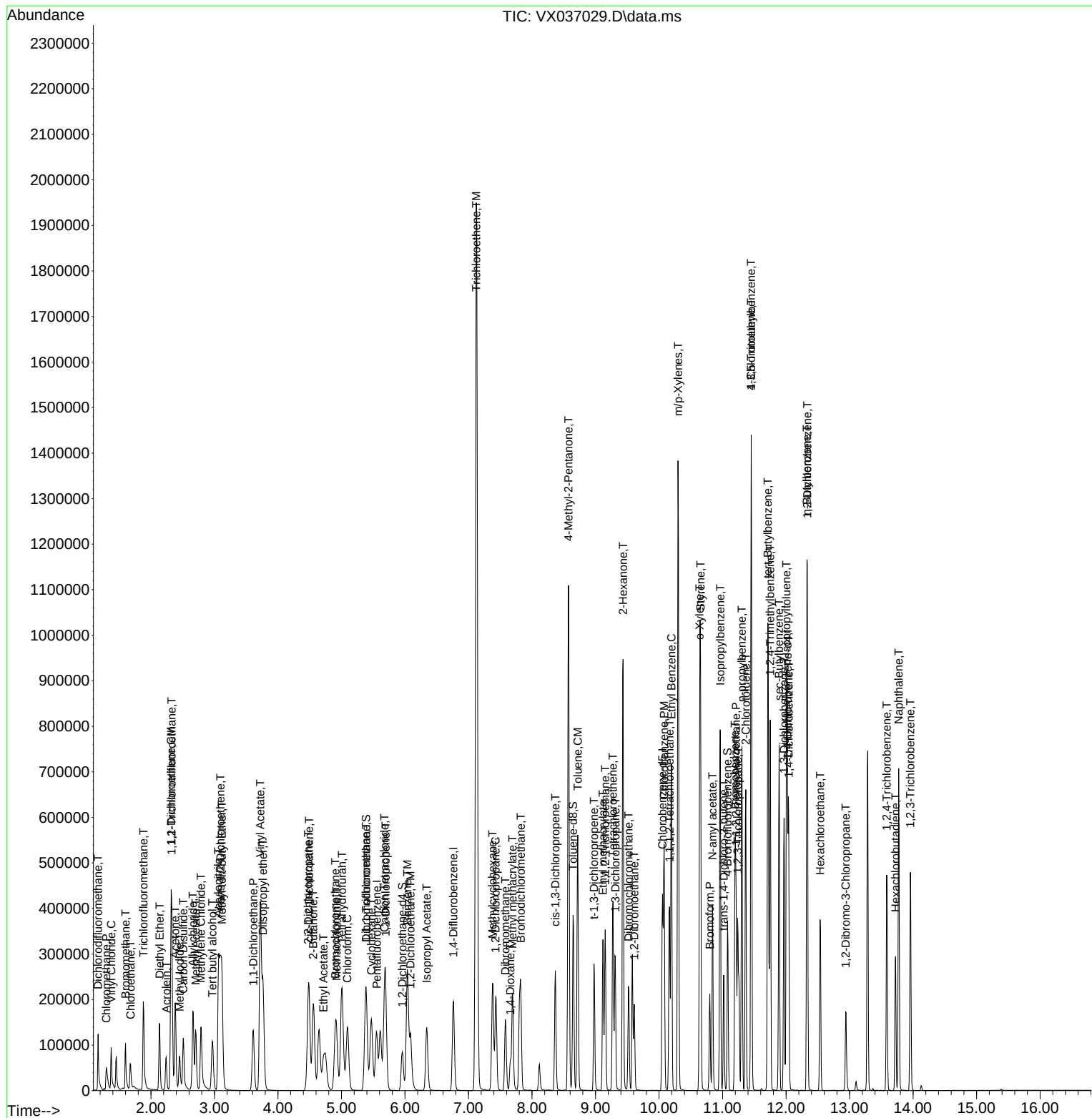
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

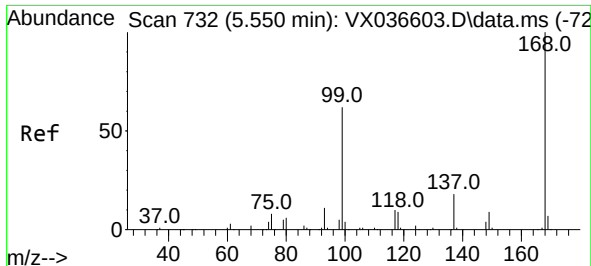
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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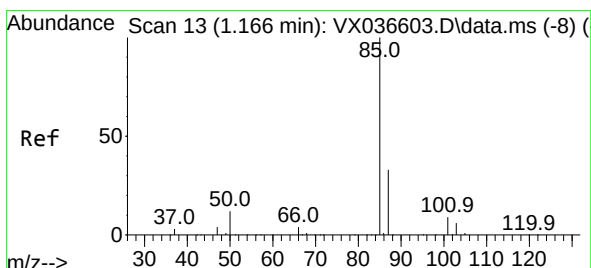
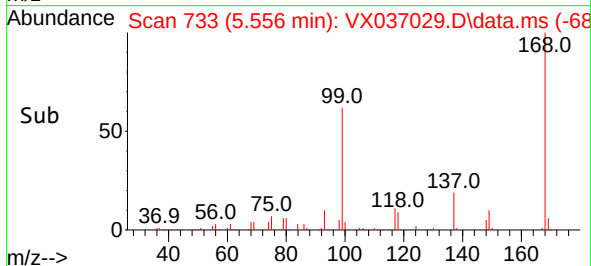
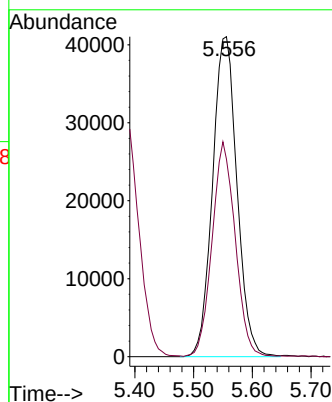
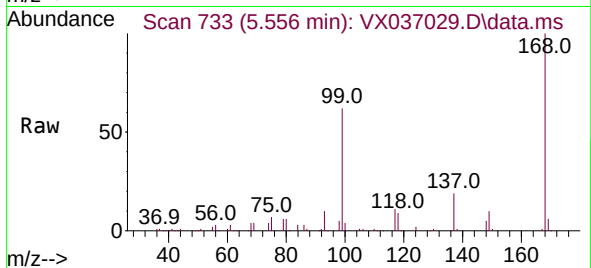




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

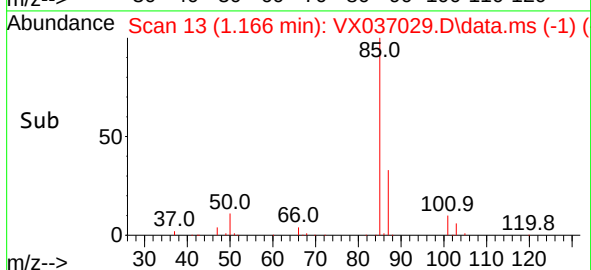
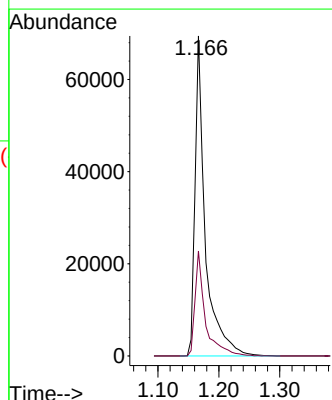
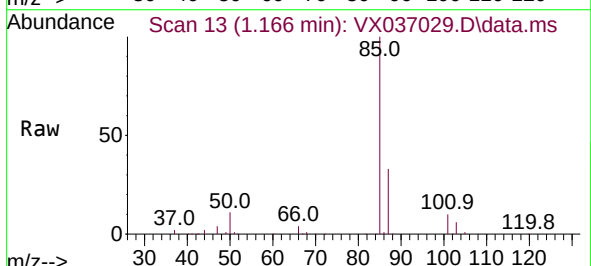
Instrument :  
MSVOA\_X  
ClientSampleId :  
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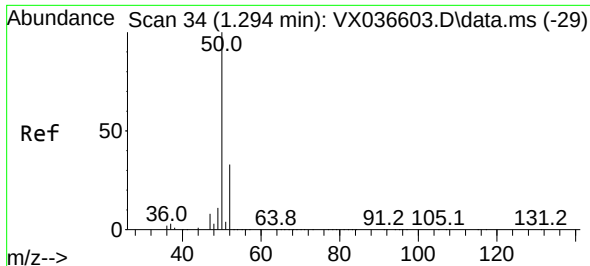
Tgt Ion:168 Resp: 118381  
Ion Ratio Lower Upper  
168 100  
99 61.5 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 51.762 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 85 Resp: 80949  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.7 50.1

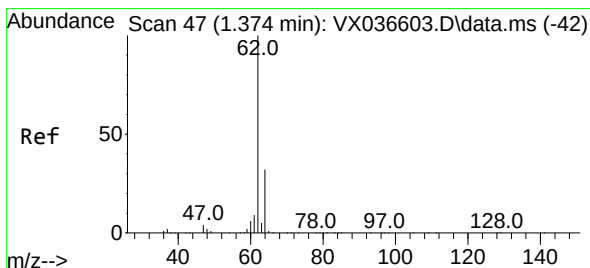
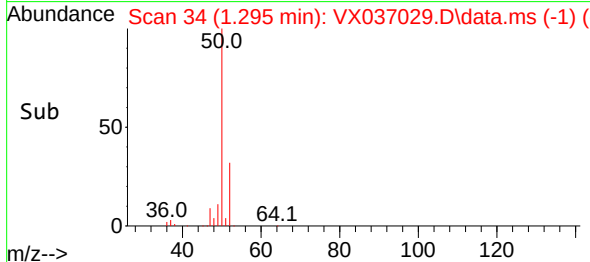
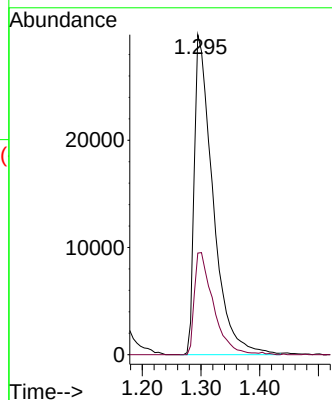
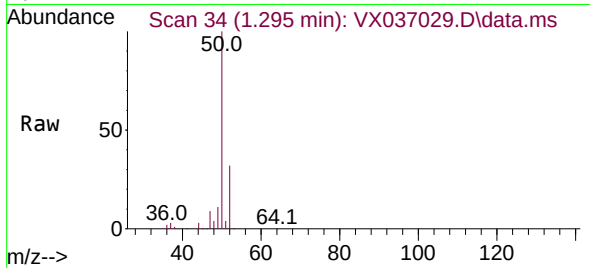




#3  
Chloromethane  
Concen: 46.381 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

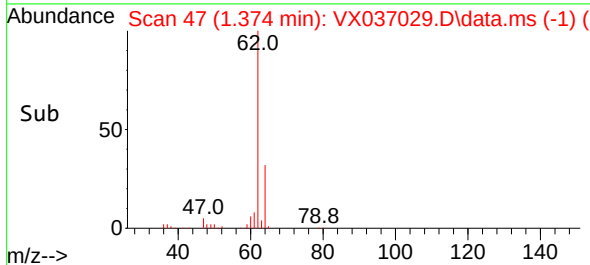
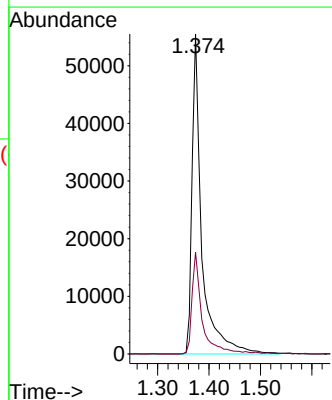
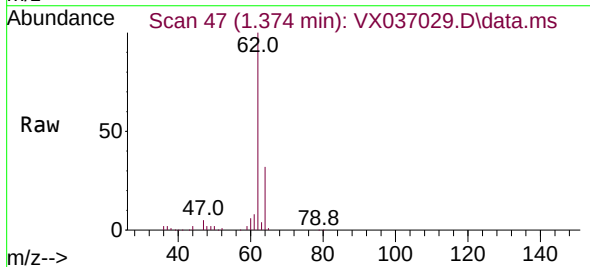
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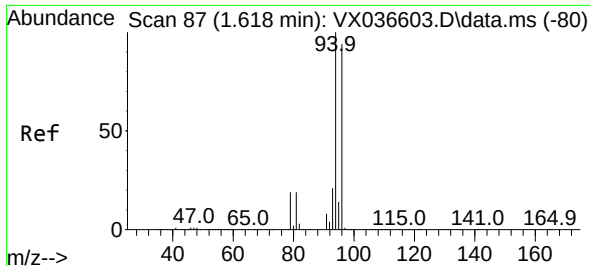
Tgt Ion: 50 Resp: 65972  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.5 38.3



#4  
Vinyl Chloride  
Concen: 50.956 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 62 Resp: 73793  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.4 38.0

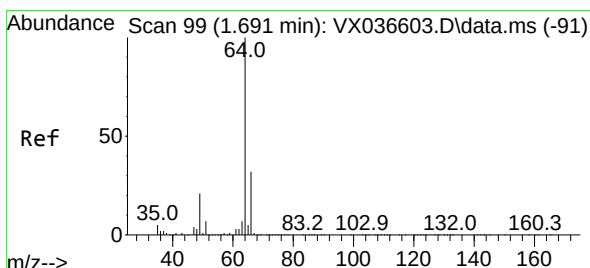
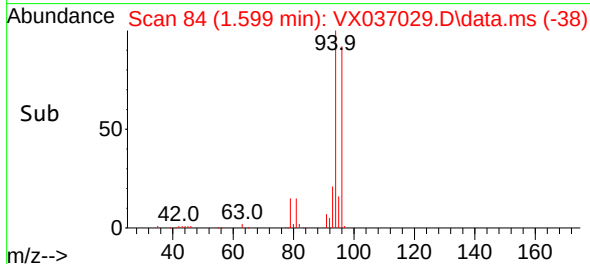
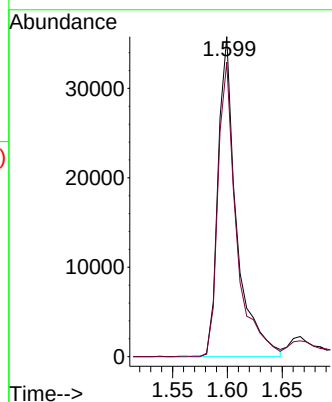
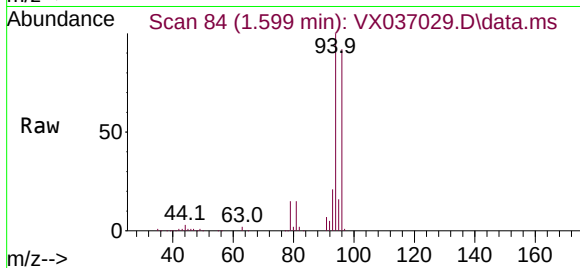




#5  
Bromomethane  
Concen: 48.273 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.018 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

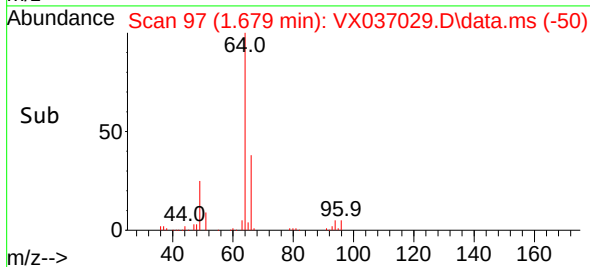
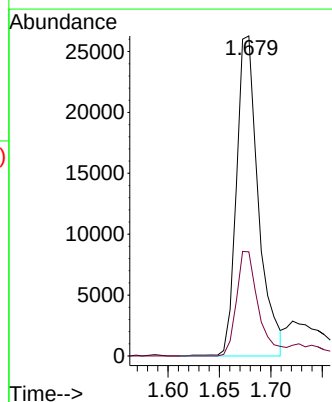
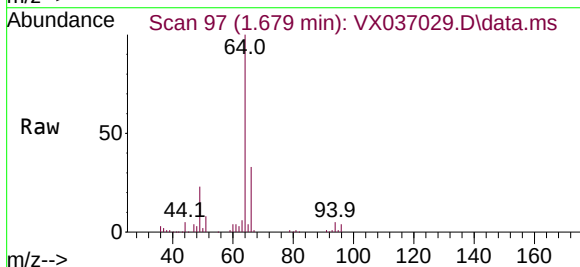
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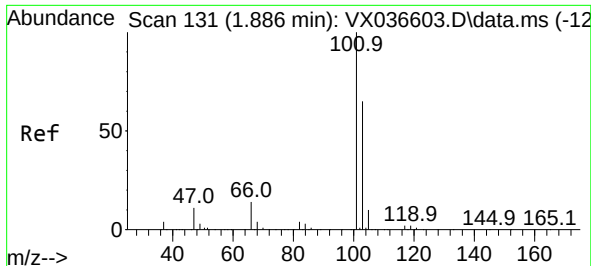
Tgt Ion: 94 Resp: 41736  
Ion Ratio Lower Upper  
94 100  
96 91.8 74.6 111.8



#6  
Chloroethane  
Concen: 55.463 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. -0.012 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 64 Resp: 39050  
Ion Ratio Lower Upper  
64 100  
66 32.5 25.1 37.7

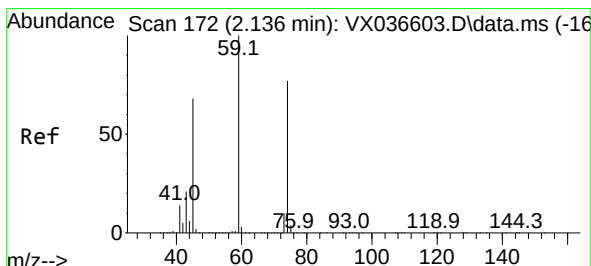
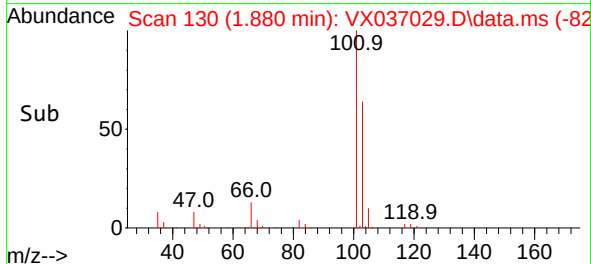
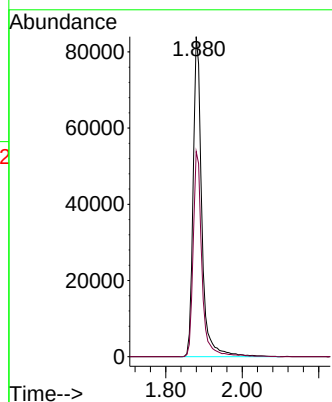
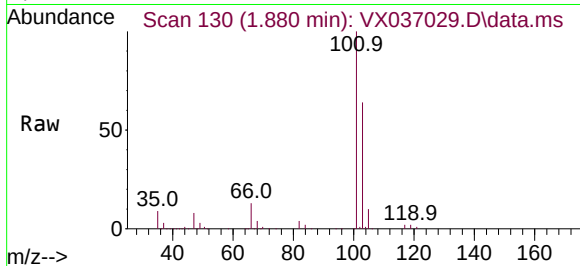




#7  
Trichlorofluoromethane  
Concen: 59.137 ug/l  
RT: 1.880 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

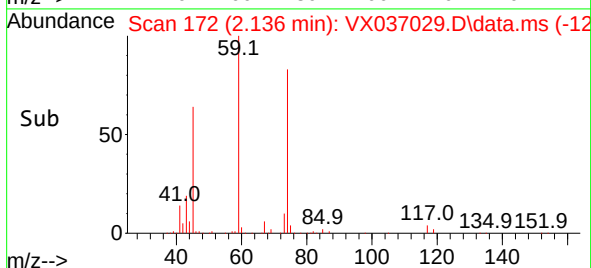
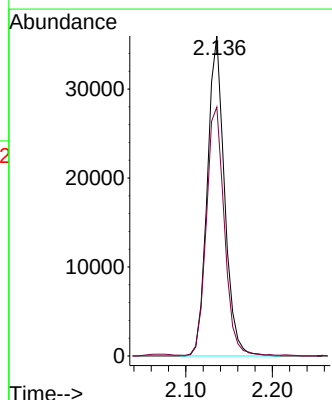
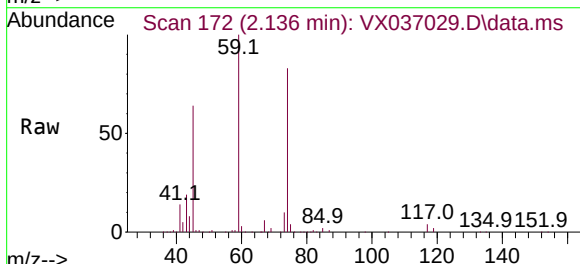
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

Tgt Ion:101 Resp: 132252  
Ion Ratio Lower Upper  
101 100  
103 64.1 51.4 77.2

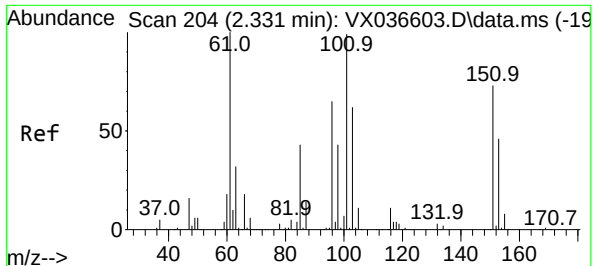


#8  
Diethyl Ether  
Concen: 57.110 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 74 Resp: 49413  
Ion Ratio Lower Upper  
74 100  
45 82.3 53.3 159.8



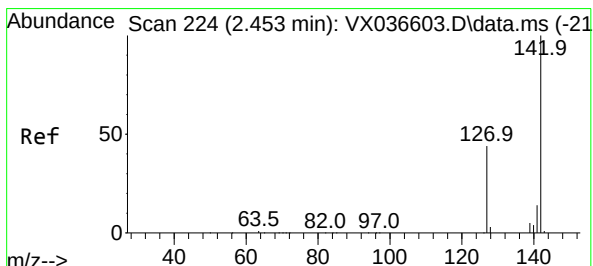
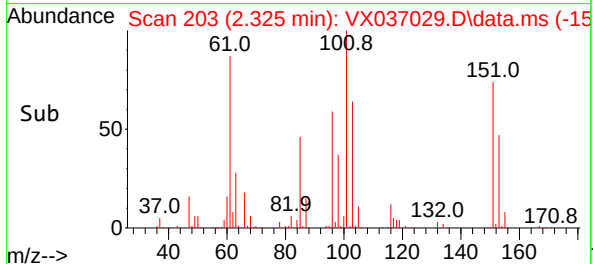
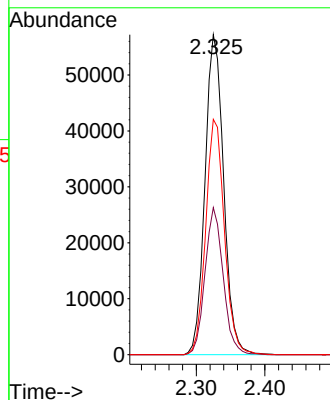
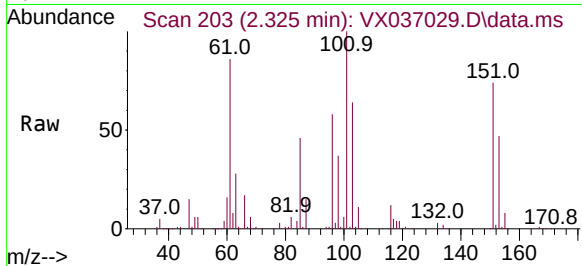




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 80.786 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

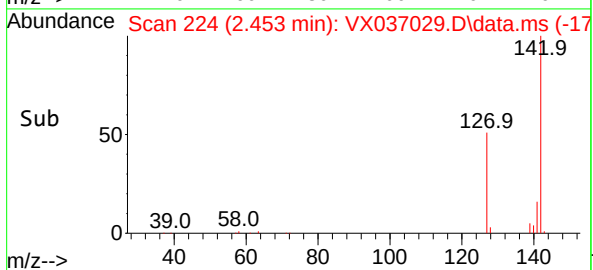
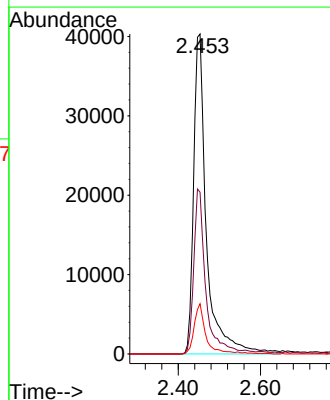
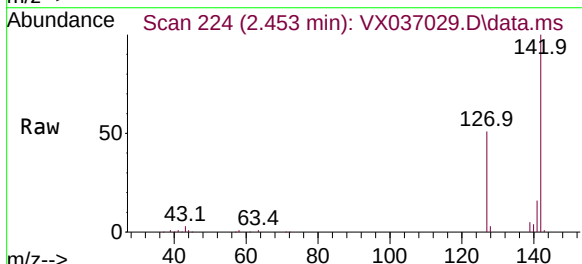
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

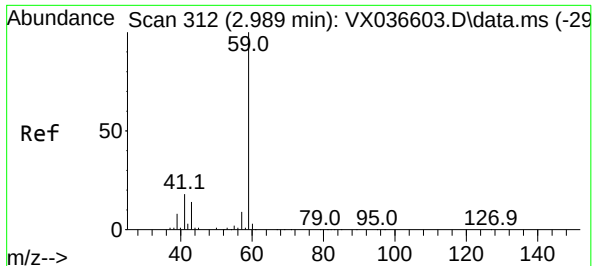
Tgt Ion:101 Resp: 108544  
Ion Ratio Lower Upper  
101 100  
85 44.8 37.0 55.6  
151 73.9 58.6 87.8



#10  
Methyl Iodide  
Concen: 62.940 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion:142 Resp: 87835  
Ion Ratio Lower Upper  
142 100  
127 48.5 41.6 62.4  
141 13.9 11.6 17.4

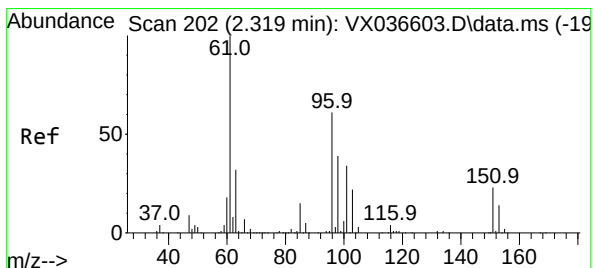
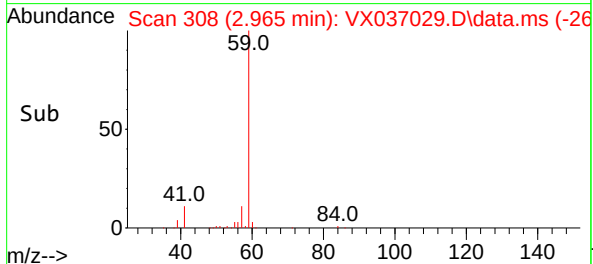
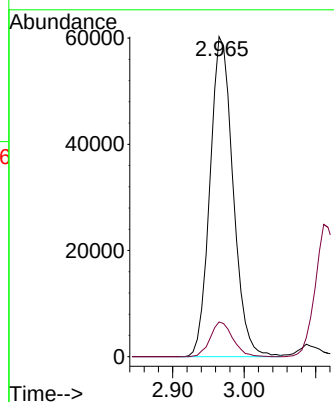
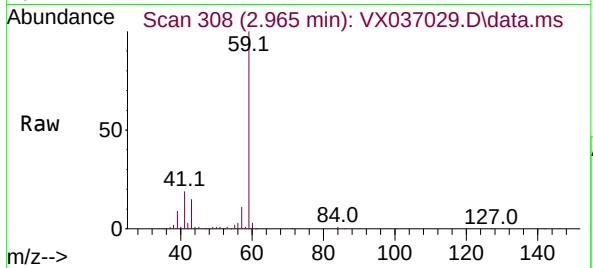




#11  
Tert butyl alcohol  
Concen: 326.635 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.024 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

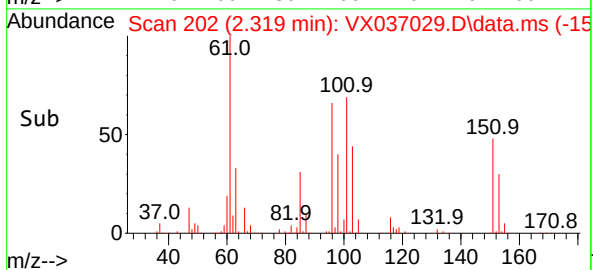
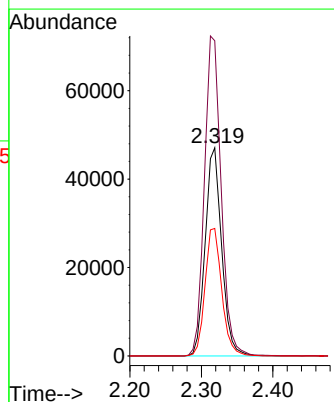
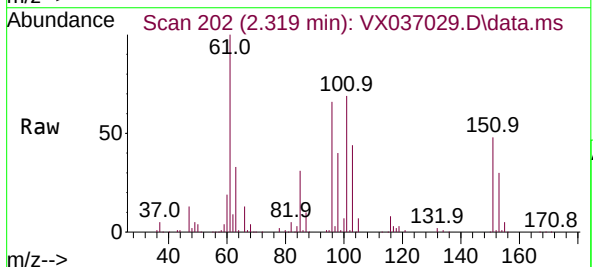
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

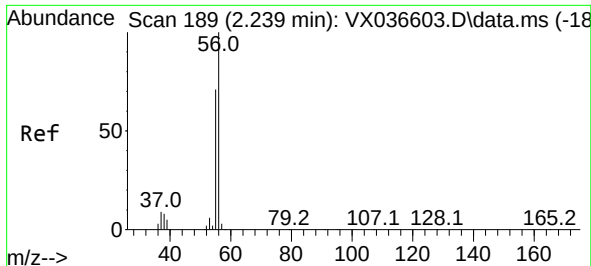
Tgt Ion: 59 Resp: 135451  
Ion Ratio Lower Upper  
59 100  
57 10.6 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 56.954 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 96 Resp: 75497  
Ion Ratio Lower Upper  
96 100  
61 151.4 144.6 216.8  
98 61.3 50.4 75.6

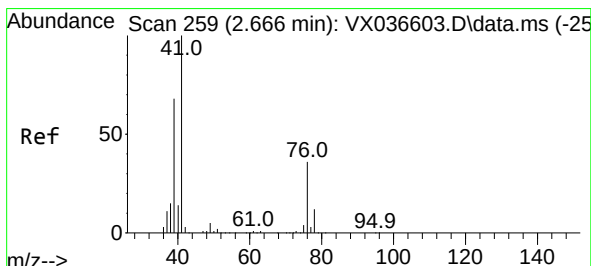
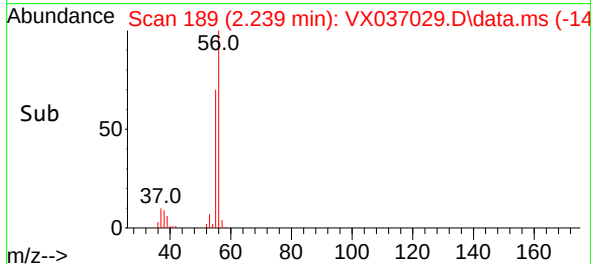
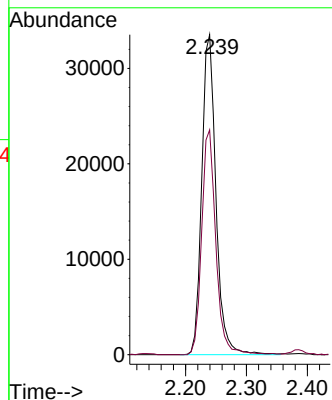
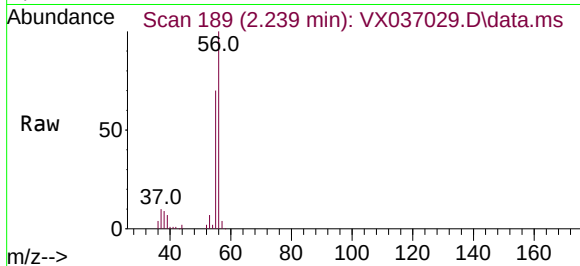




#13  
Acrolein  
Concen: 229.185 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

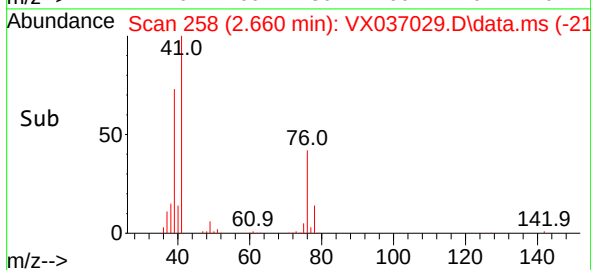
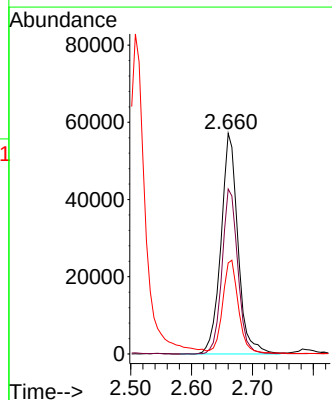
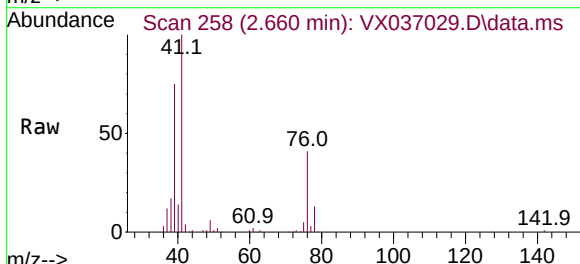
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

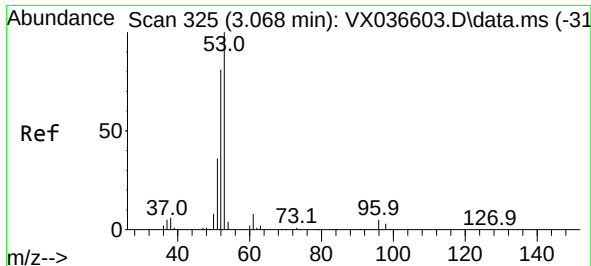
Tgt Ion: 56 Resp: 54239  
Ion Ratio Lower Upper  
56 100  
55 70.0 57.1 85.7



#14  
Allyl chloride  
Concen: 42.537 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 41 Resp: 111033  
Ion Ratio Lower Upper  
41 100  
39 69.4 55.8 83.6  
76 39.5 24.3 36.5#

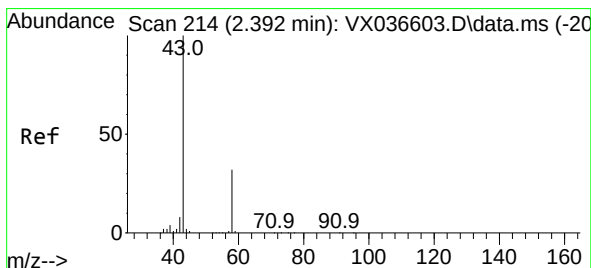
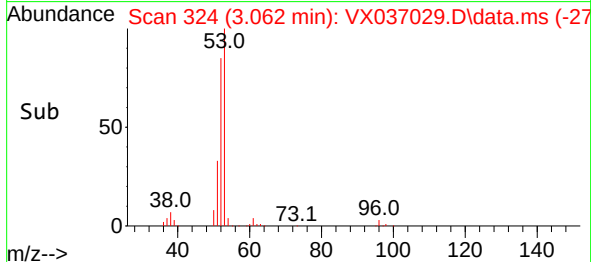
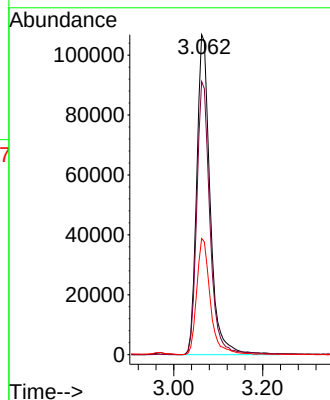
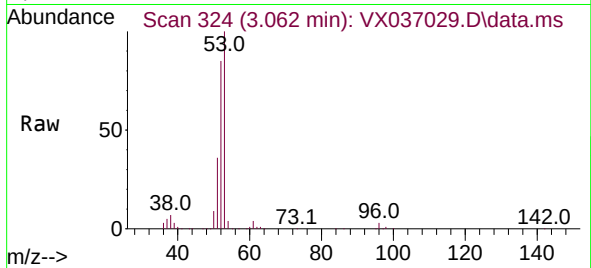




#15  
Acrylonitrile  
Concen: 268.742 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

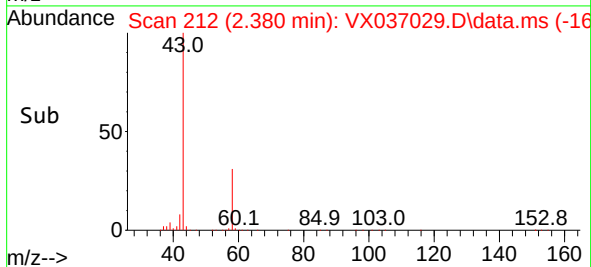
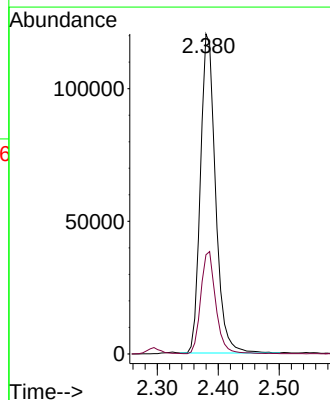
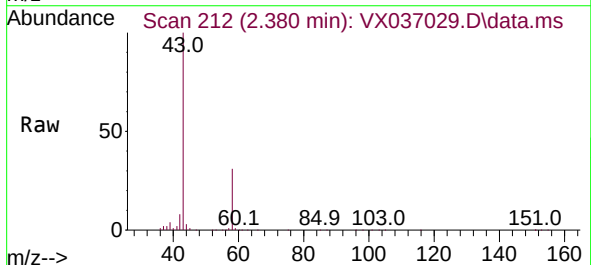
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

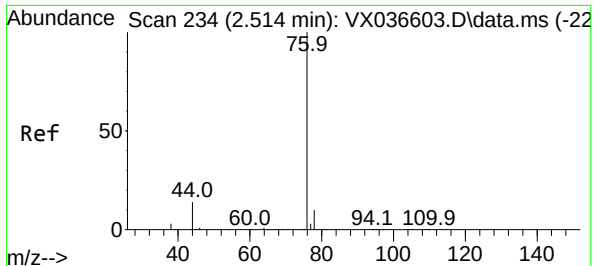
Tgt Ion: 53 Resp: 224118  
Ion Ratio Lower Upper  
53 100  
52 84.0 66.0 99.0  
51 36.4 29.8 44.6



#16  
Acetone  
Concen: 284.368 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 43 Resp: 206695  
Ion Ratio Lower Upper  
43 100  
58 31.0 21.9 32.9

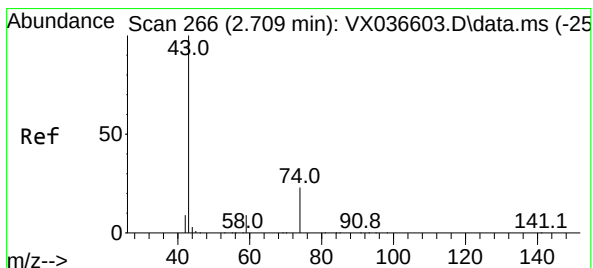
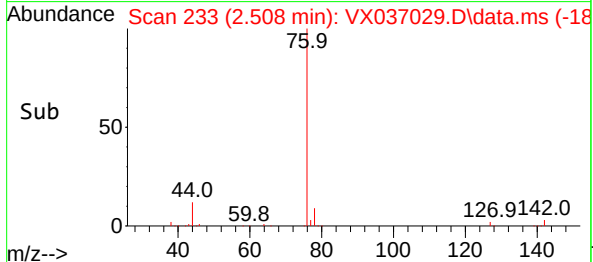
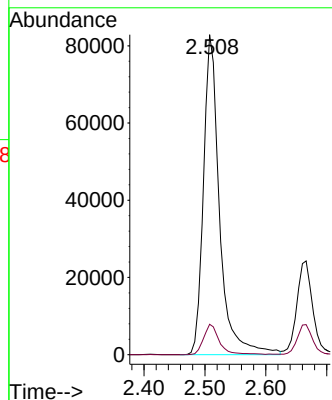
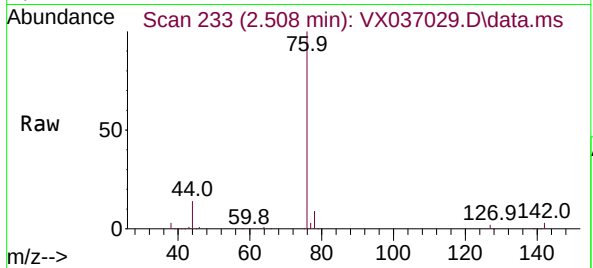




#17  
Carbon Disulfide  
Concen: 41.547 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

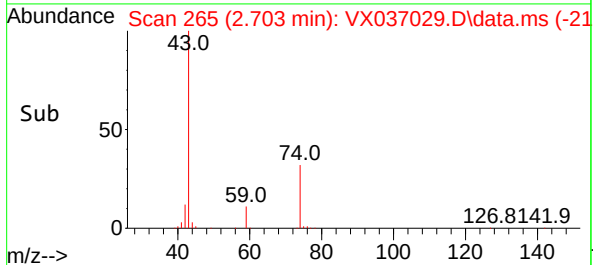
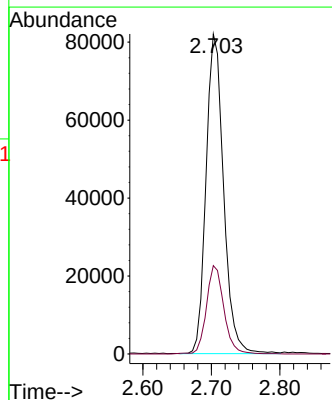
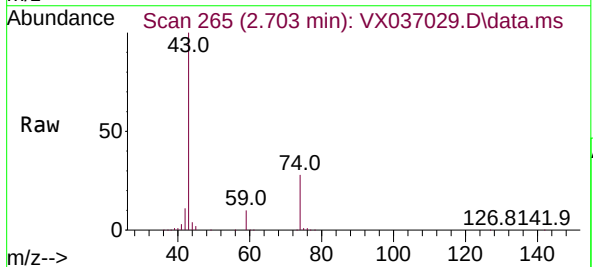
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

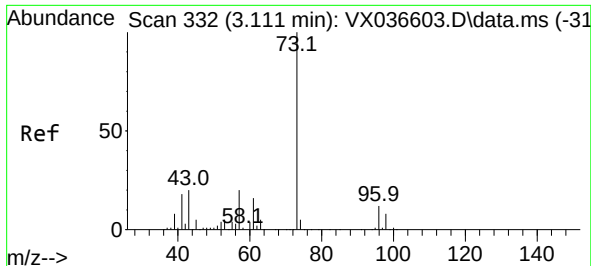
Tgt Ion: 76 Resp: 151999  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.0 10.6



#18  
Methyl Acetate  
Concen: 47.742 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 43 Resp: 145983  
Ion Ratio Lower Upper  
43 100  
74 27.6 17.8 26.8#

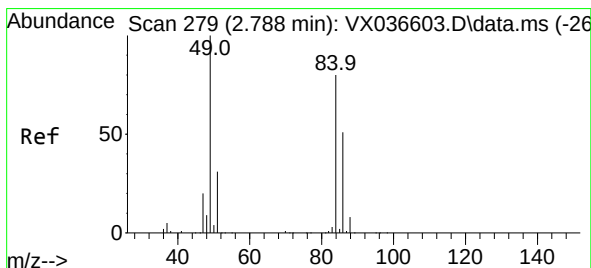
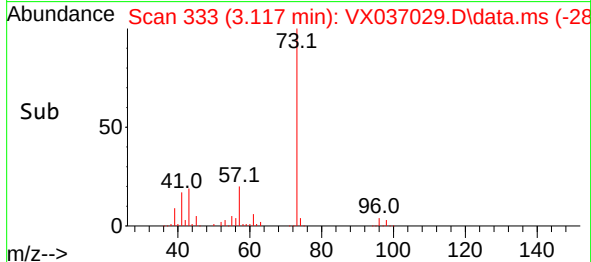
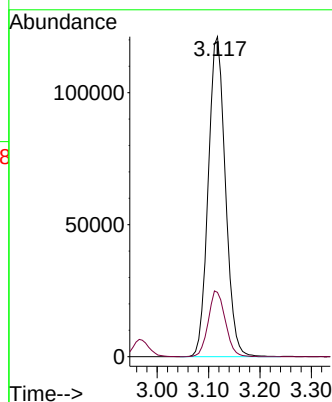
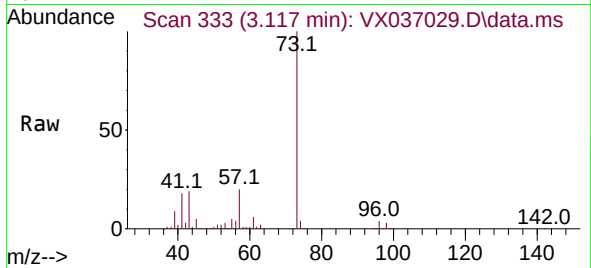




#19  
Methyl tert-butyl Ether  
Concen: 56.287 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

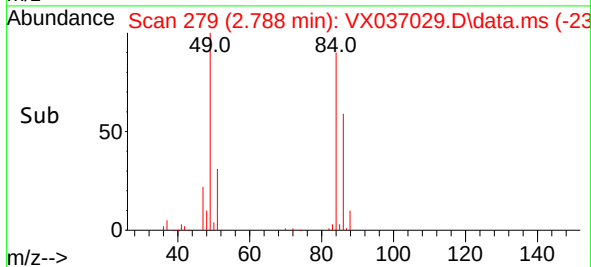
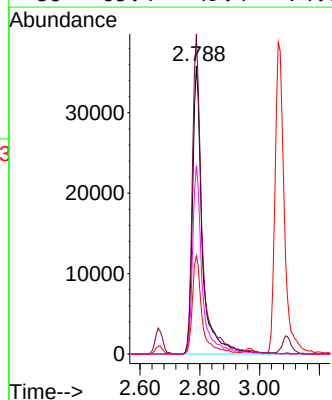
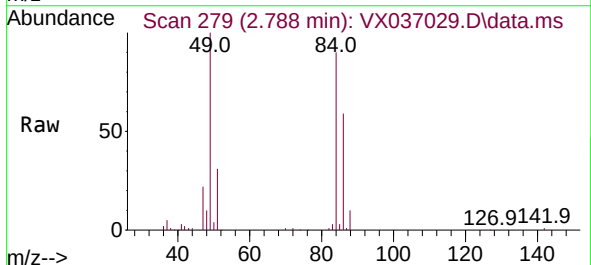
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

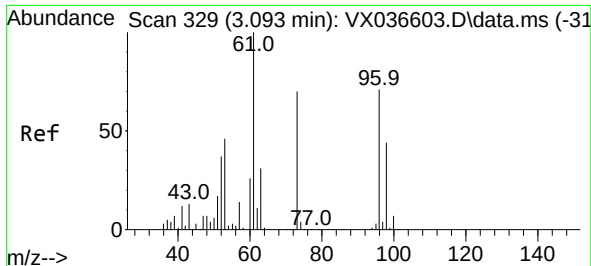
Tgt Ion: 73 Resp: 280385  
Ion Ratio Lower Upper  
73 100  
57 20.1 17.3 25.9



#20  
Methylene Chloride  
Concen: 50.286 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 84 Resp: 81287  
Ion Ratio Lower Upper  
84 100  
49 111.1 103.6 155.4  
51 34.0 33.8 50.6  
86 65.4 49.4 74.0

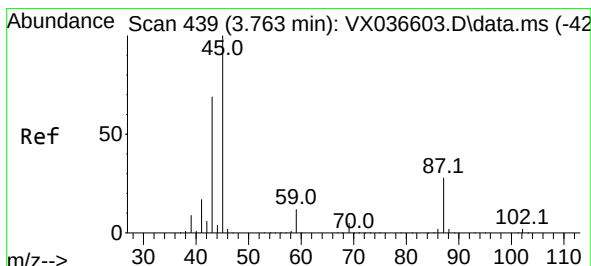
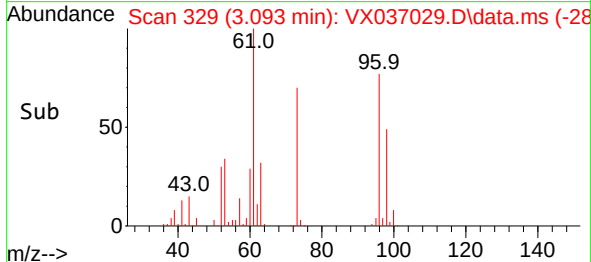
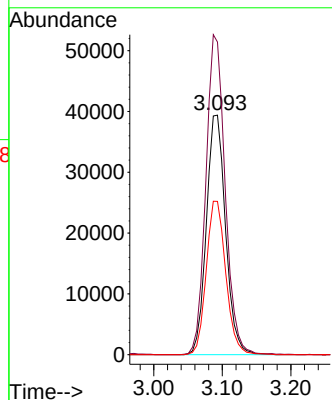
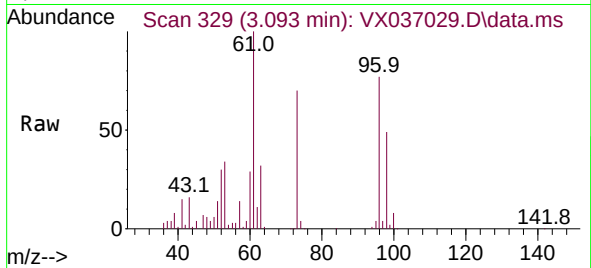




#21  
trans-1,2-Dichloroethene  
Concen: 51.931 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

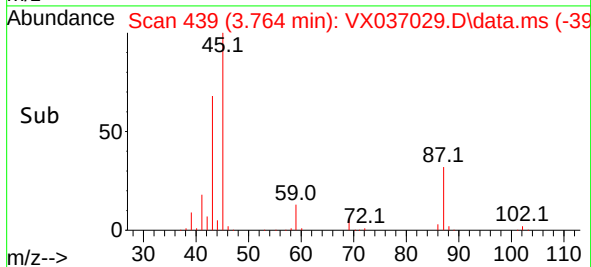
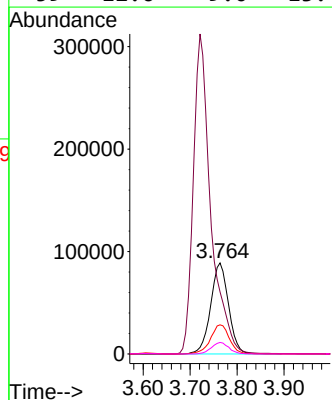
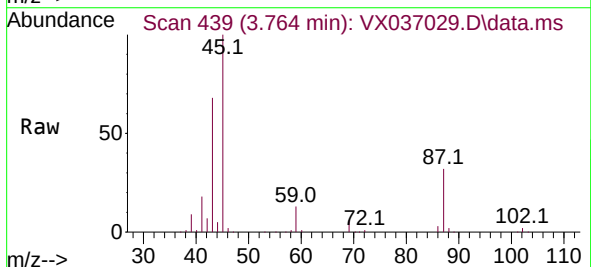
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

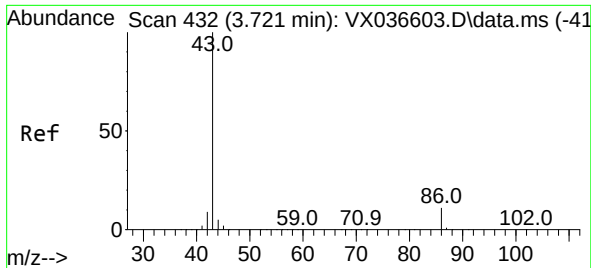
Tgt Ion: 96 Resp: 76936  
Ion Ratio Lower Upper  
96 100  
61 130.5 119.2 178.8  
98 64.0 48.7 73.1



#22  
Diisopropyl ether  
Concen: 47.301 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 45 Resp: 234427  
Ion Ratio Lower Upper  
45 100  
43 67.8 69.7 104.5#  
87 32.0 20.8 31.2#  
59 12.6 9.0 13.4

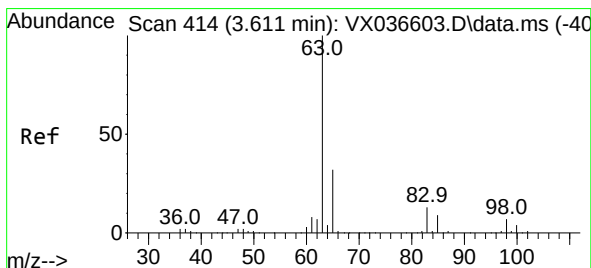
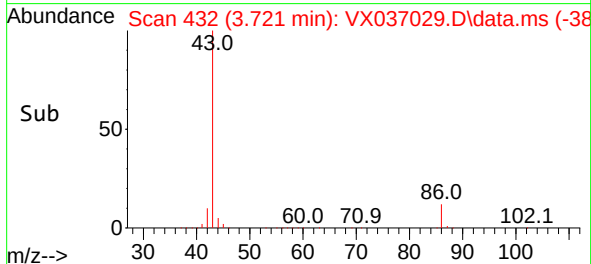
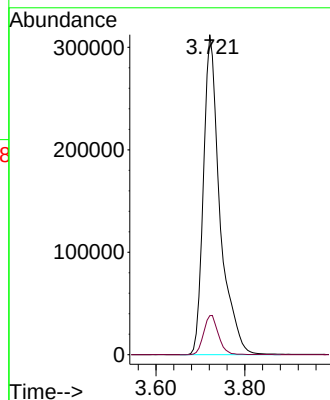
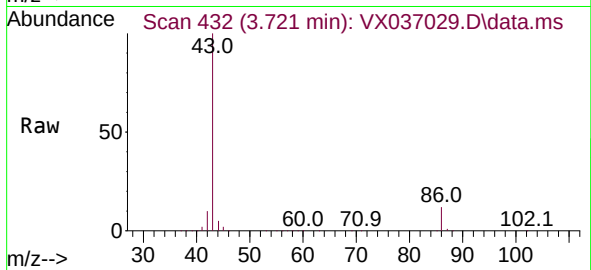




#23  
 Vinyl Acetate  
 Concen: 212.608 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX037029.D  
 Acq: 16 Aug 2023 20:12

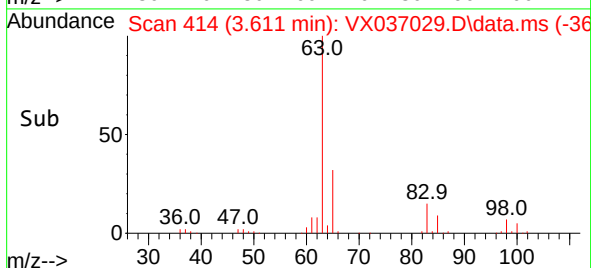
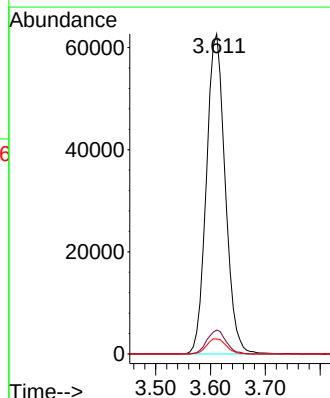
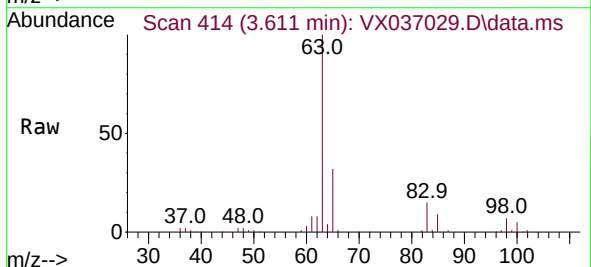
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE114D1-20230815MS

Tgt Ion: 43 Resp: 808274  
 Ion Ratio Lower Upper  
 43 100  
 86 12.2 7.8 11.8#

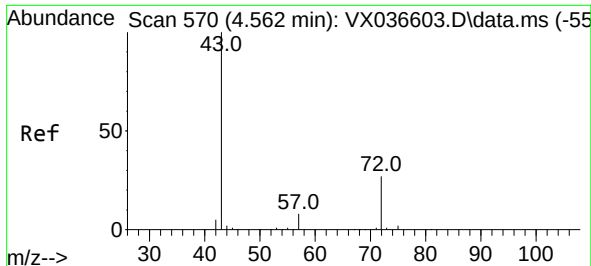


#24  
 1,1-Dichloroethane  
 Concen: 53.523 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX037029.D  
 Acq: 16 Aug 2023 20:12

Tgt Ion: 63 Resp: 148724  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.3 9.8  
 100 4.7 2.1 6.5



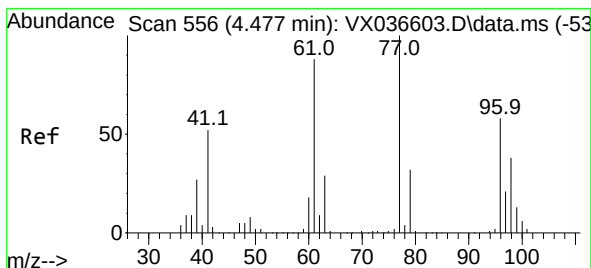
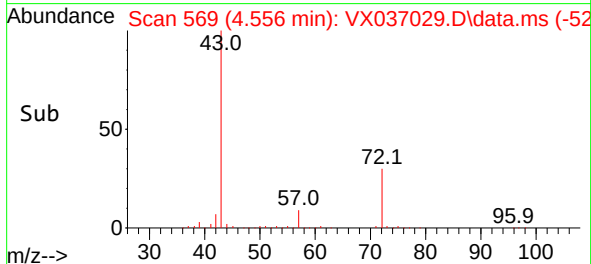
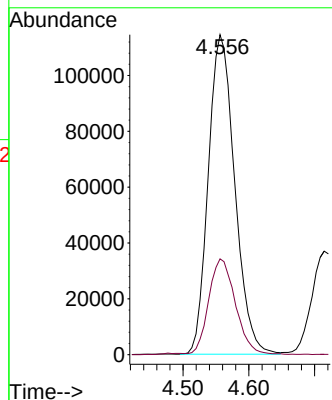
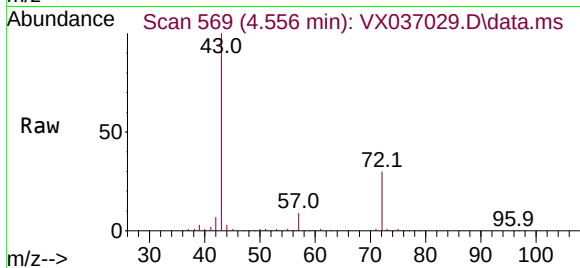




#25  
2-Butanone  
Concen: 271.630 ug/l  
RT: 4.556 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

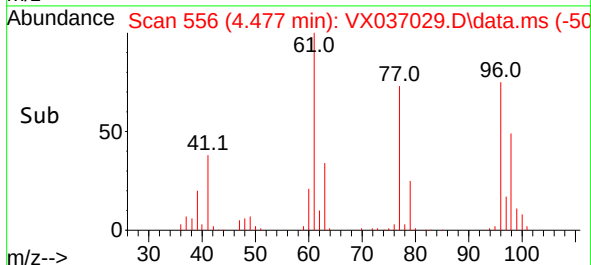
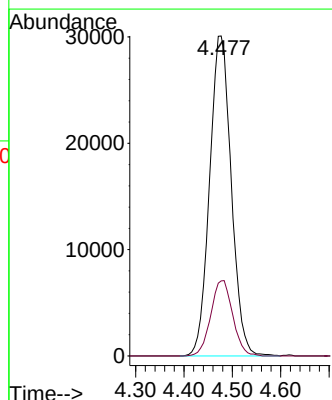
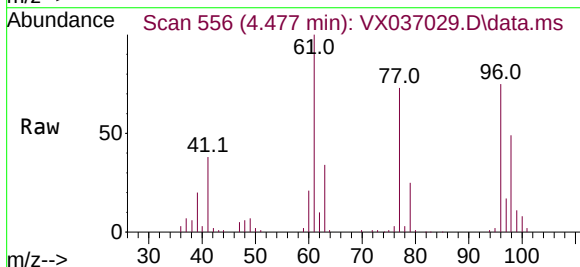
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

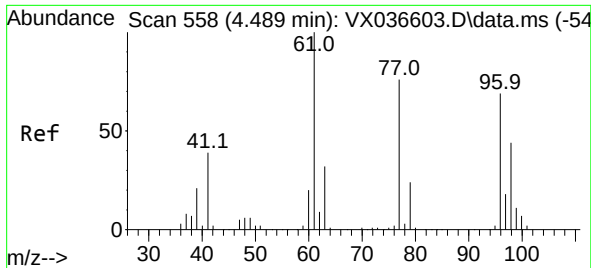
Tgt Ion: 43 Resp: 320328  
Ion Ratio Lower Upper  
43 100  
72 29.7 19.4 29.2#



#26  
2,2-Dichloropropane  
Concen: 35.766 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 77 Resp: 93646  
Ion Ratio Lower Upper  
77 100  
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 58.173 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

Instrument :

MSVOA\_X

ClientSampleId :

RE114D1-20230815MS

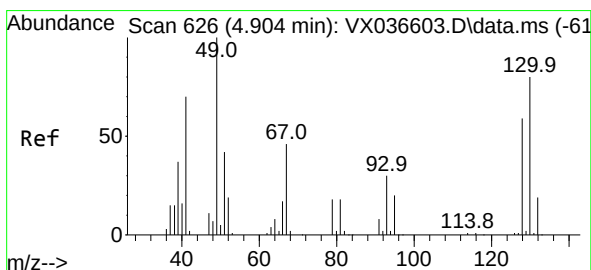
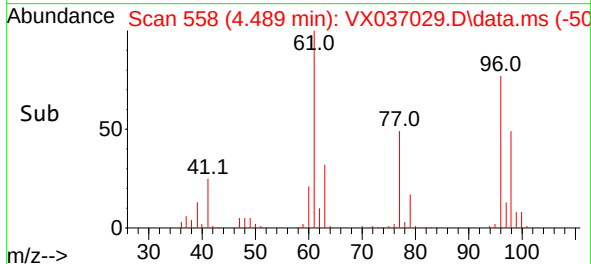
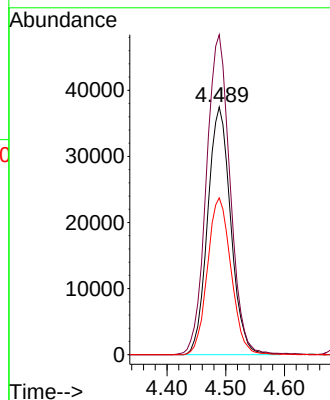
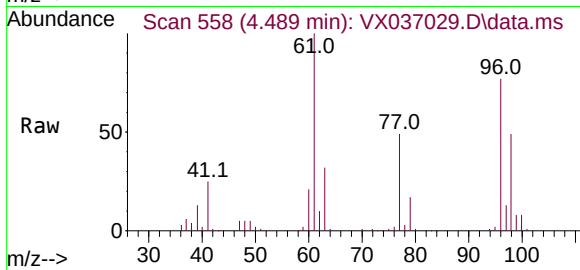
Tgt Ion: 96 Resp: 102364

Ion Ratio Lower Upper

96 100

61 132.9 0.0 312.2

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 44.059 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

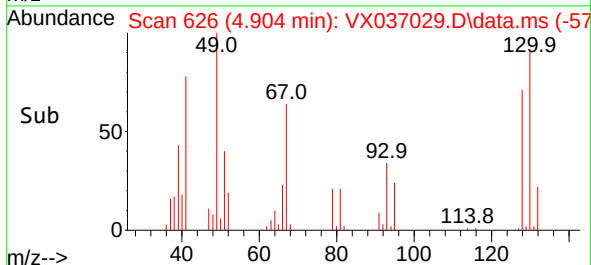
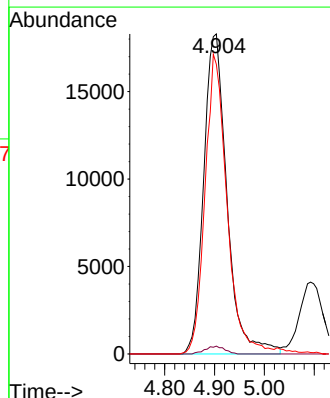
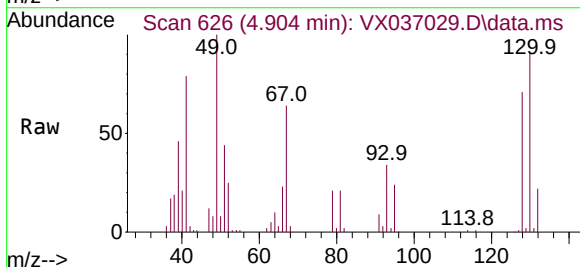
Tgt Ion: 49 Resp: 59210

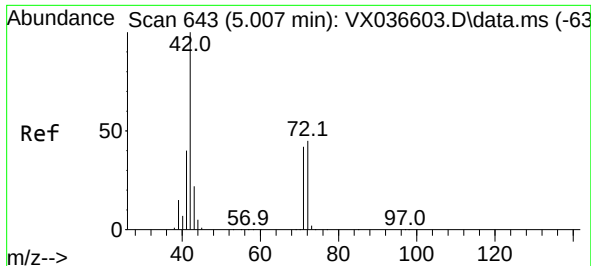
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 88.2 57.5 86.3#





#29

Tetrahydrofuran

Concen: 263.594 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

Instrument :

MSVOA\_X

ClientSampleId :

RE114D1-20230815MS

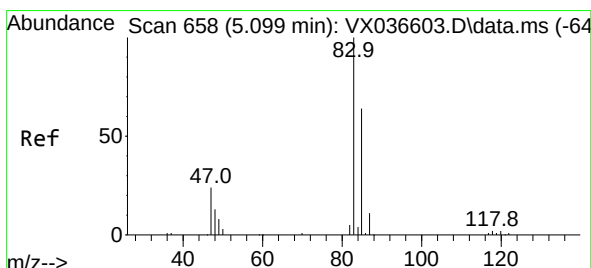
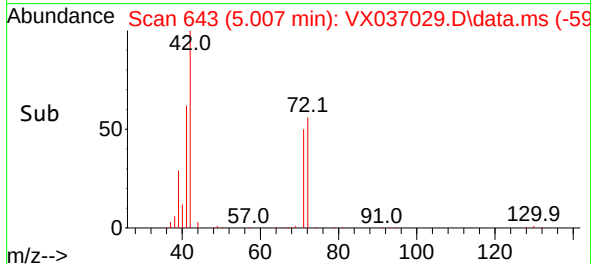
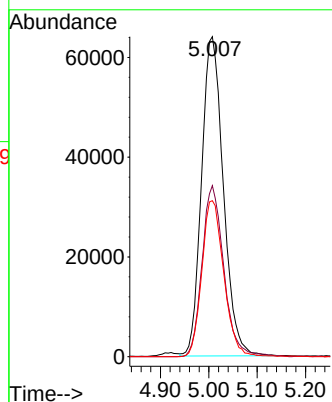
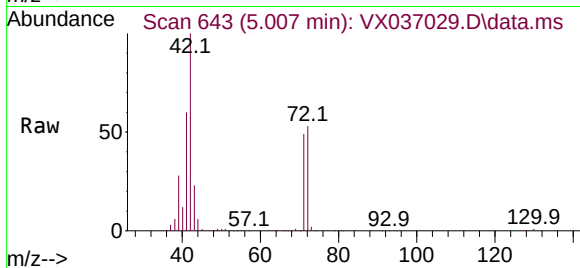
Tgt Ion: 42 Resp: 200412

Ion Ratio Lower Upper

42 100

72 53.5 34.2 51.4#

71 49.3 32.2 48.2#



#30

Chloroform

Concen: 59.452 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX037029.D

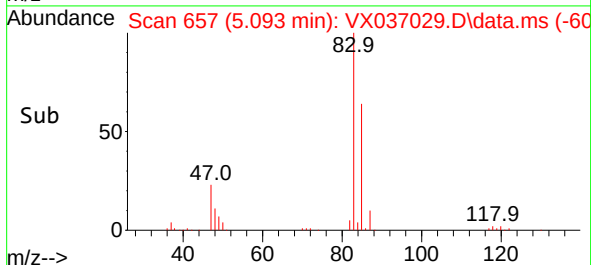
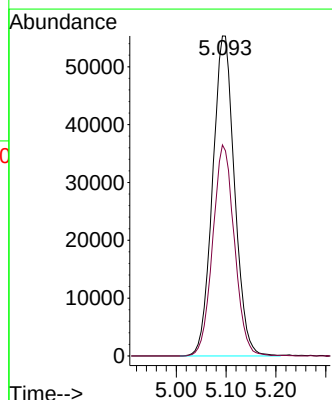
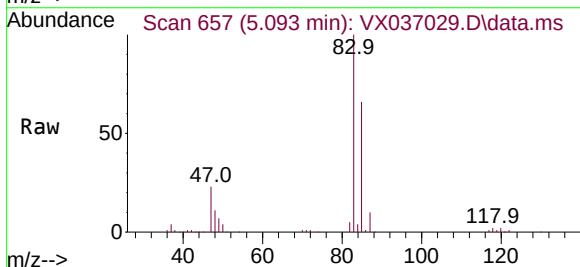
Acq: 16 Aug 2023 20:12

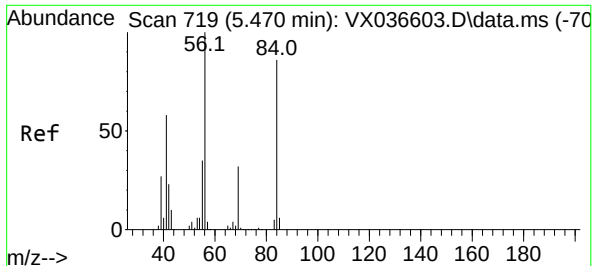
Tgt Ion: 83 Resp: 169012

Ion Ratio Lower Upper

83 100

85 66.0 50.3 75.5

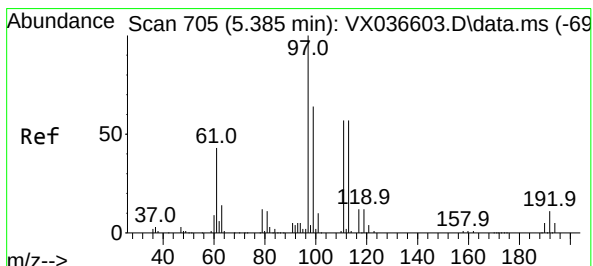
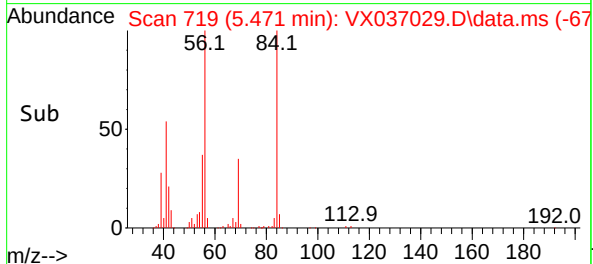
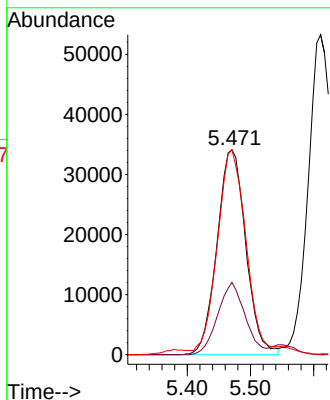
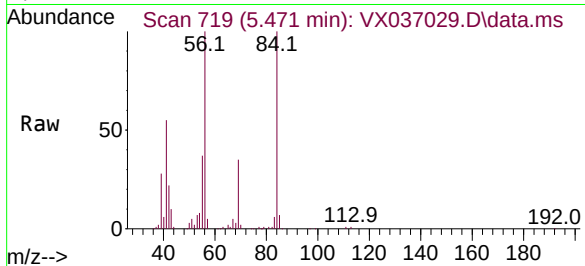




#31  
Cyclohexane  
Concen: 44.350 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

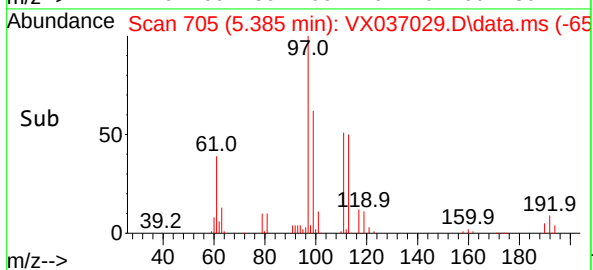
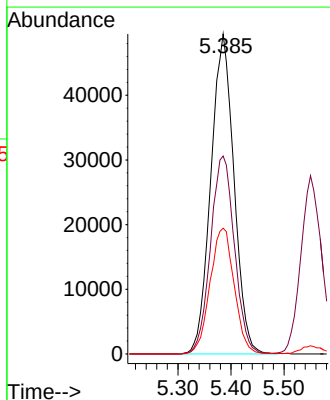
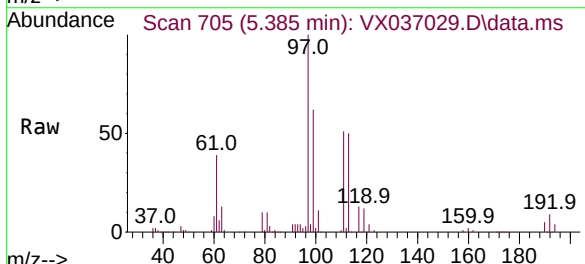
Instrument : MSVOA\_X  
ClientSampleId : RE114D1-20230815MS

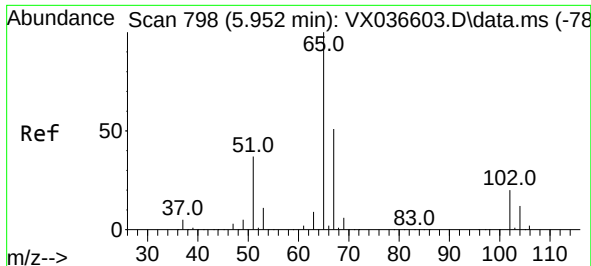
Tgt Ion: 56 Resp: 107560  
Ion Ratio Lower Upper  
56 100  
69 35.3 23.4 35.2#  
84 97.8 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 57.522 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 97 Resp: 149837  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.1 76.7  
61 41.0 36.4 54.6

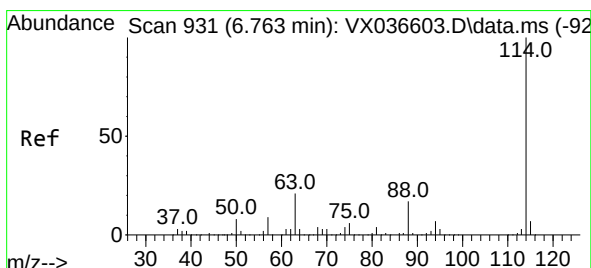
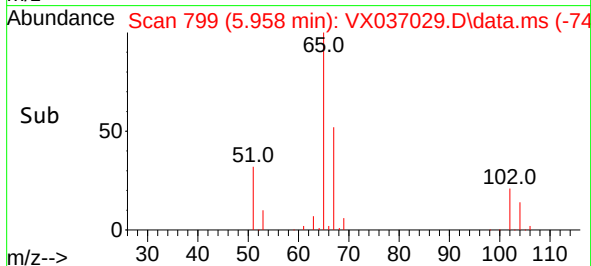
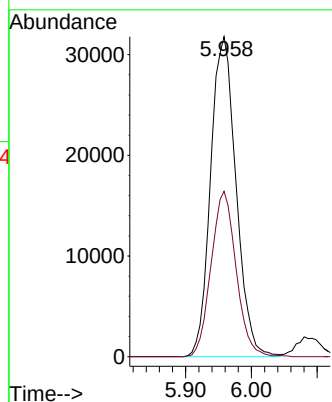
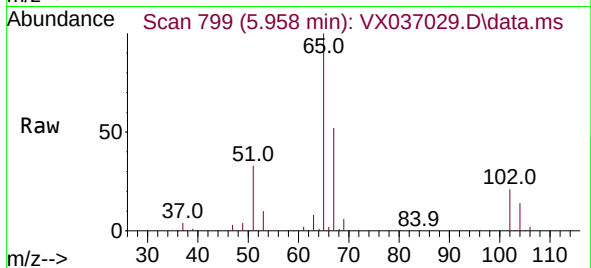




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.911 ug/l  
 RT: 5.958 min Scan# 798  
 Delta R.T. 0.006 min  
 Lab File: VX037029.D  
 Acq: 16 Aug 2023 20:12

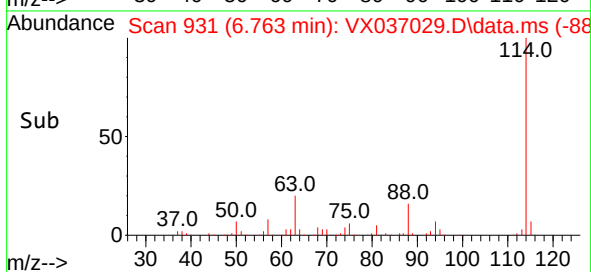
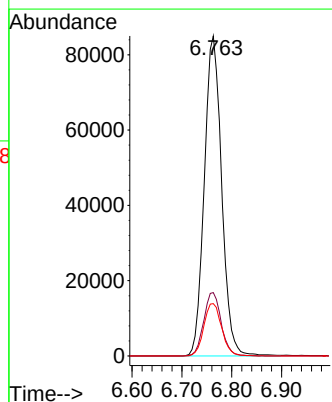
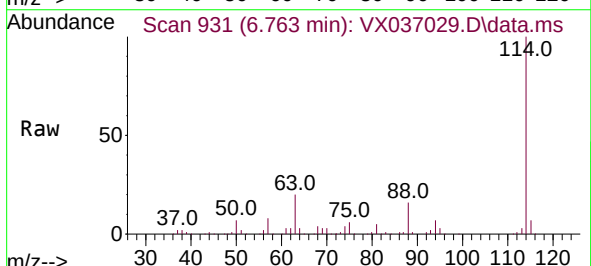
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE114D1-20230815MS

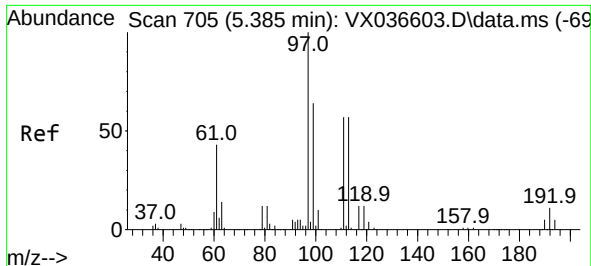
Tgt Ion: 65 Resp: 85674  
 Ion Ratio Lower Upper  
 65 100  
 67 50.8 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX037029.D  
 Acq: 16 Aug 2023 20:12

Tgt Ion: 114 Resp: 205660  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 45.0  
 88 16.3 0.0 36.6

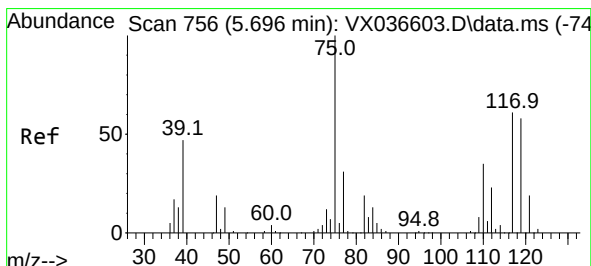
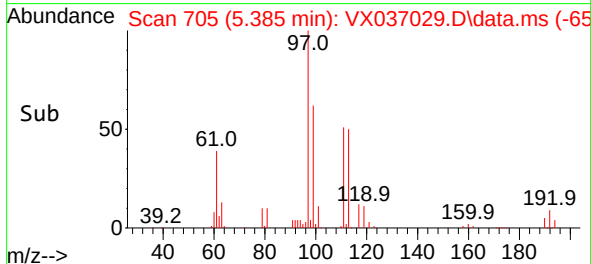
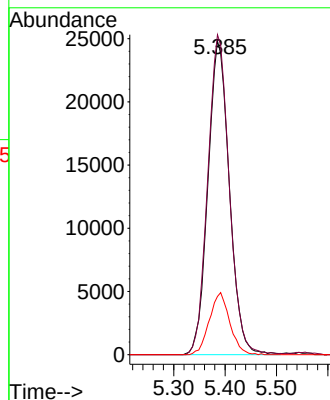
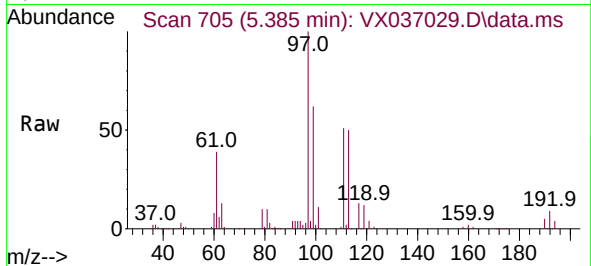




#35  
Dibromofluoromethane  
Concen: 50.858 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

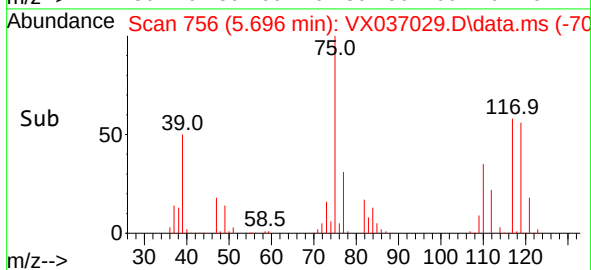
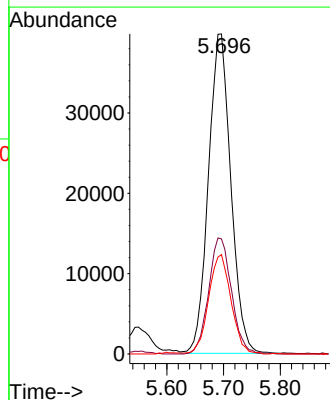
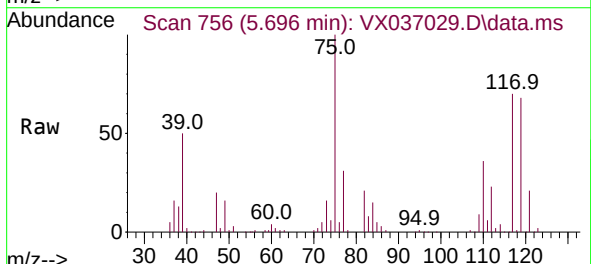
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

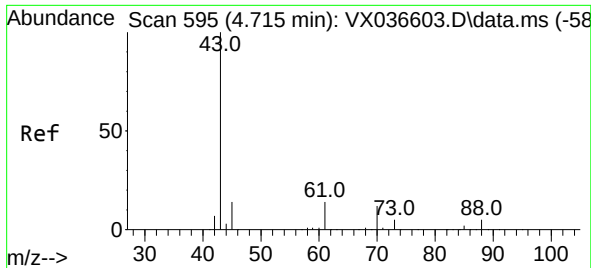
Tgt Ion:113 Resp: 71892  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.9 124.3  
192 18.9 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 51.887 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 75 Resp: 109323  
Ion Ratio Lower Upper  
75 100  
110 36.8 17.0 50.9  
77 31.1 24.7 37.1

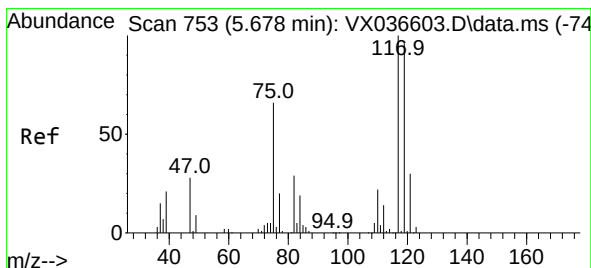
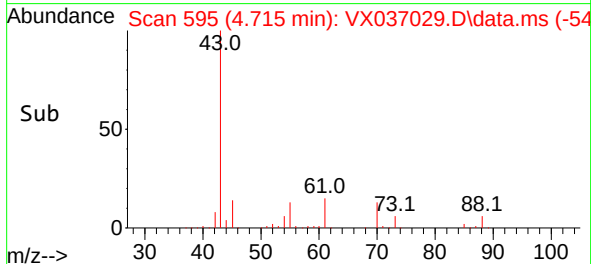
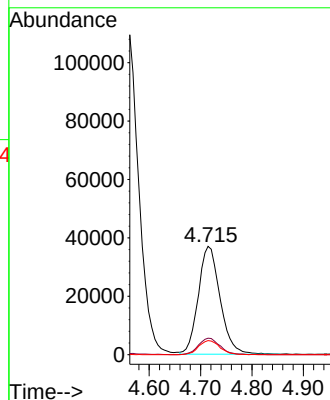
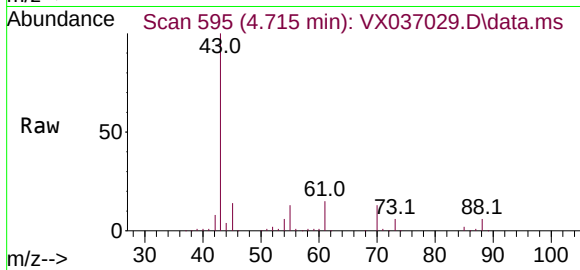




#37  
Ethyl Acetate  
Concen: 45.625 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

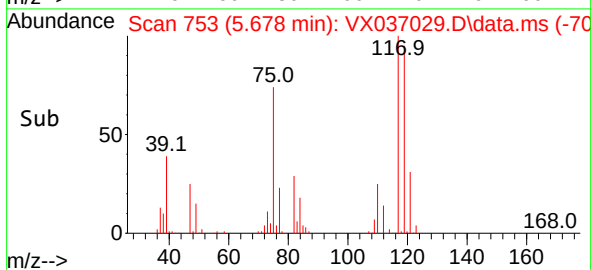
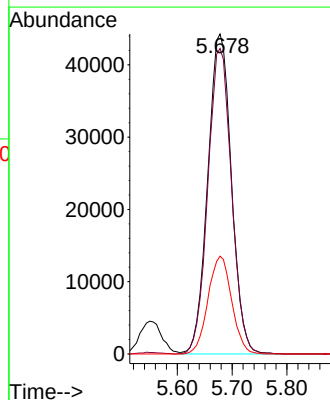
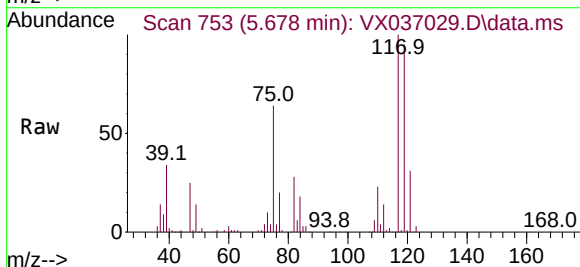
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

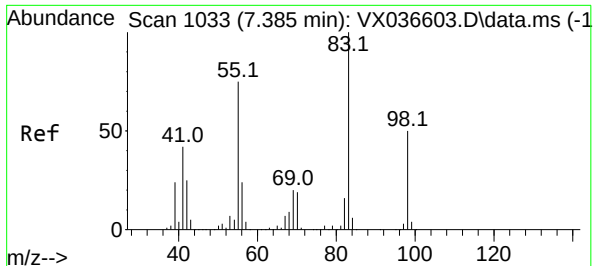
Tgt Ion: 43 Resp: 108805  
Ion Ratio Lower Upper  
43 100  
61 15.2 10.6 16.0  
70 12.8 8.3 12.5#



#38  
Carbon Tetrachloride  
Concen: 59.238 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 117 Resp: 132692  
Ion Ratio Lower Upper  
117 100  
119 95.3 78.2 117.2  
121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 42.792 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

Instrument :

MSVOA\_X

ClientSampleId :

RE114D1-20230815MS

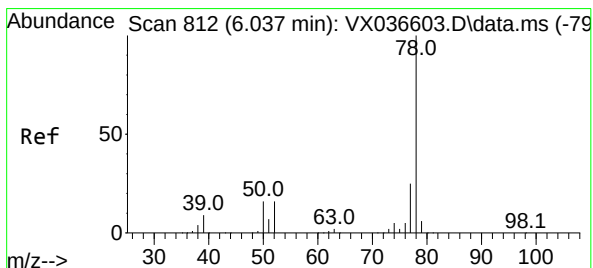
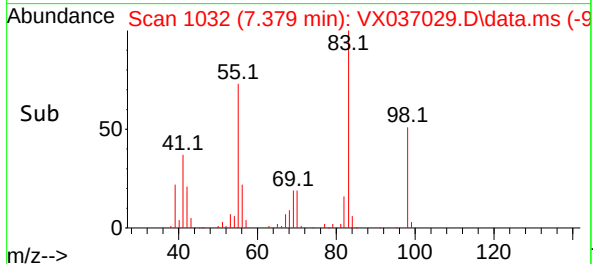
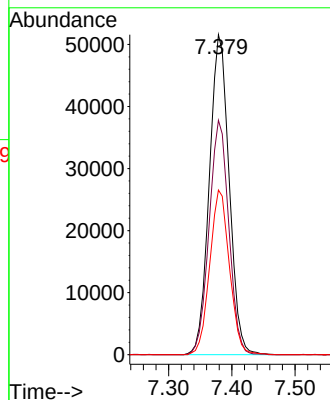
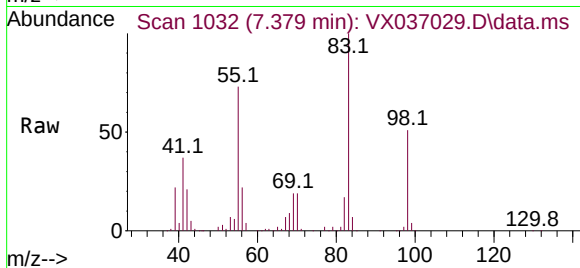
Tgt Ion: 83 Resp: 112110

Ion Ratio Lower Upper

83 100

55 73.3 64.6 97.0

98 51.4 36.7 55.1



#40

Benzene

Concen: 52.937 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX037029.D

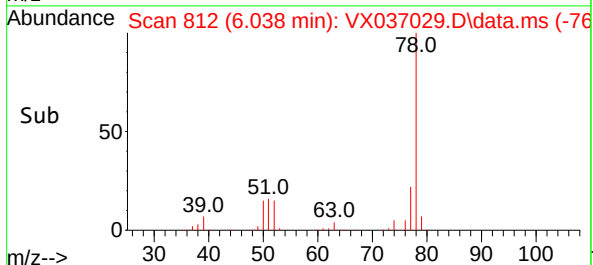
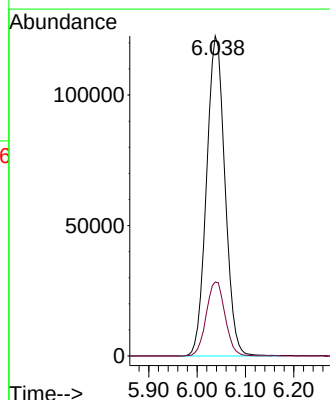
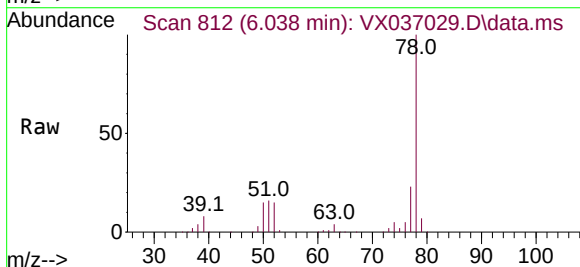
Acq: 16 Aug 2023 20:12

Tgt Ion: 78 Resp: 324509

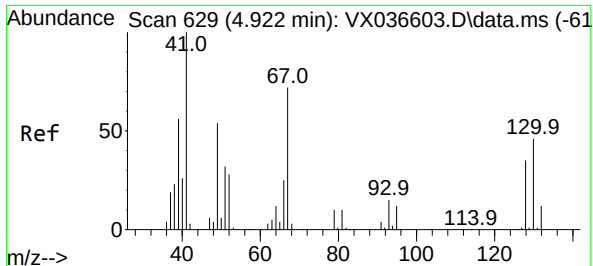
Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9



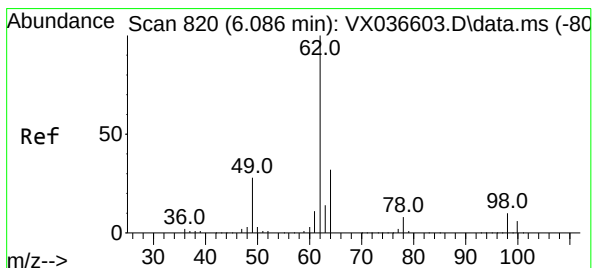
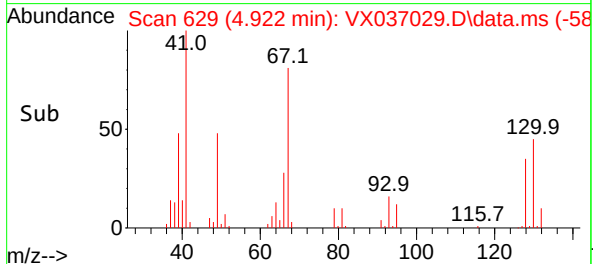
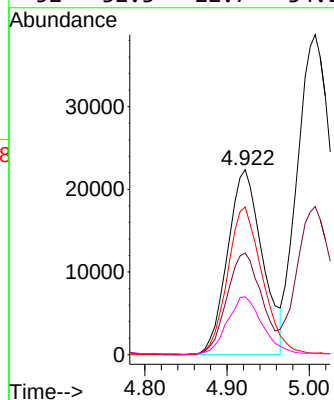
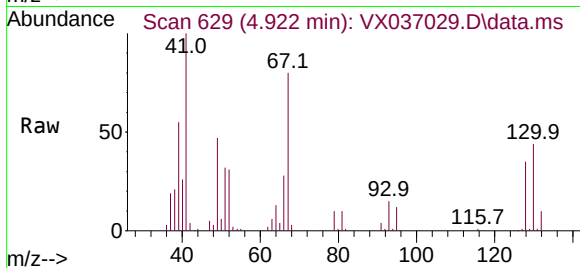




#41  
Methacrylonitrile  
Concen: 51.744 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

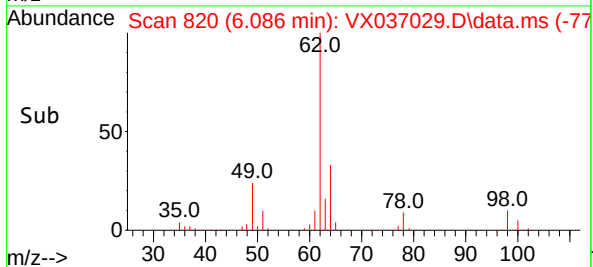
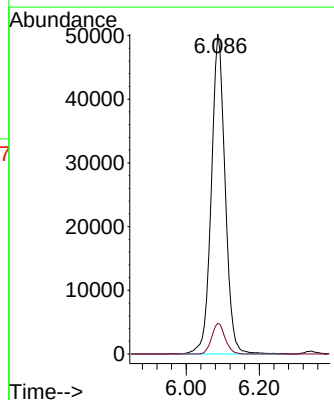
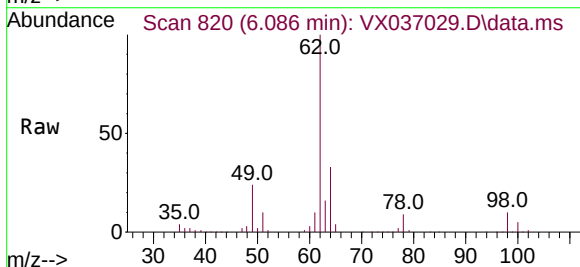
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

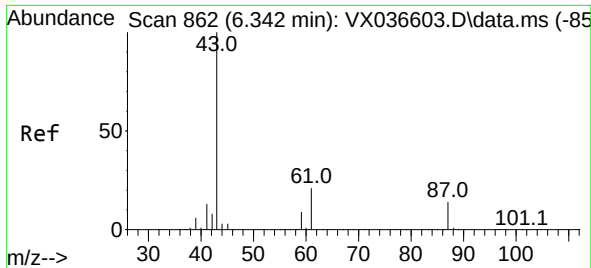
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 65997 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.3  | 45.2  | 67.8  |
| 67       | 80.1  | 52.6  | 78.8# |
| 52       | 32.3  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 58.539 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 131200 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.2   | 0.0   | 16.0   |

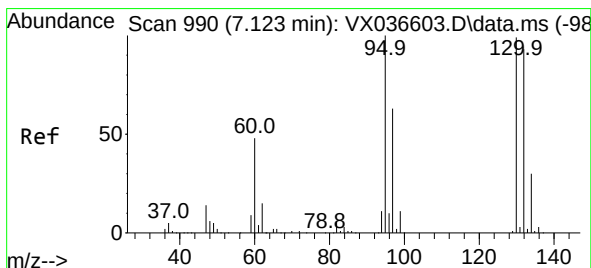
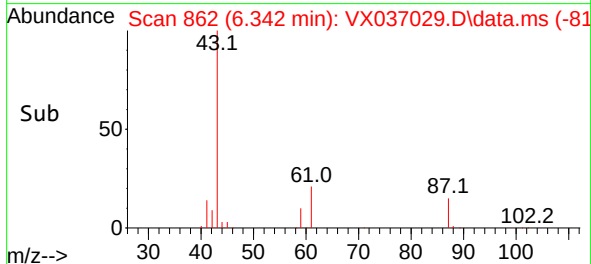
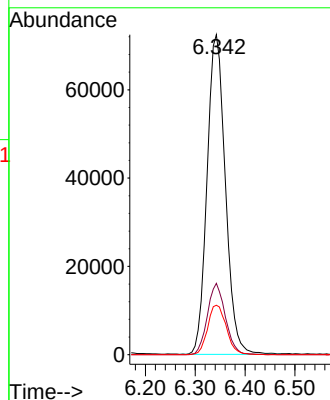
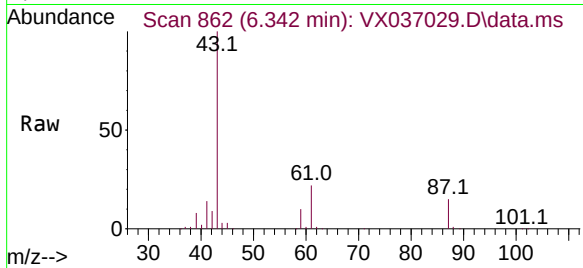




#43  
Isopropyl Acetate  
Concen: 45.008 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

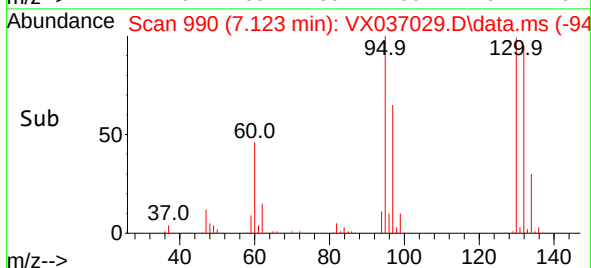
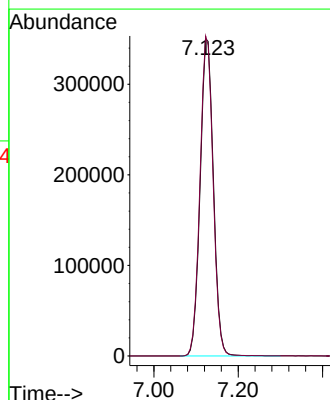
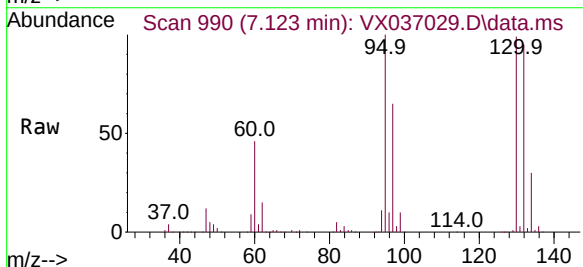
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

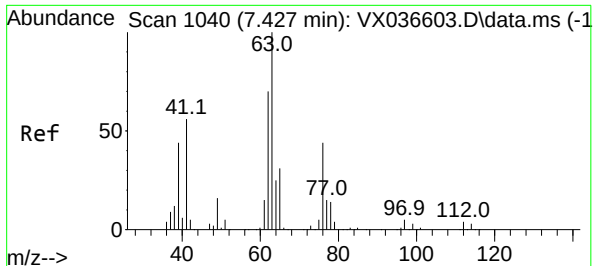
Tgt Ion: 43 Resp: 184758  
Ion Ratio Lower Upper  
43 100  
61 22.0 15.2 22.8  
87 15.8 9.8 14.6



#44  
Trichloroethene  
Concen: 477.980 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 130 Resp: 765882  
Ion Ratio Lower Upper  
130 100  
95 100.8 0.0 204.4

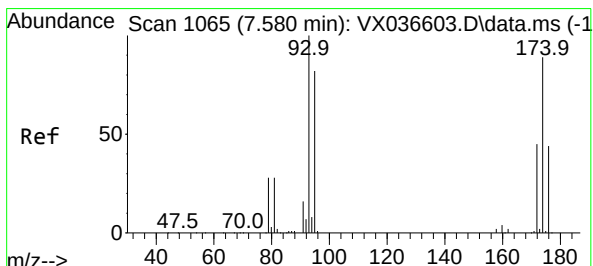
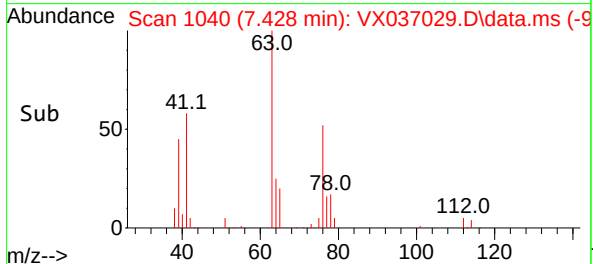
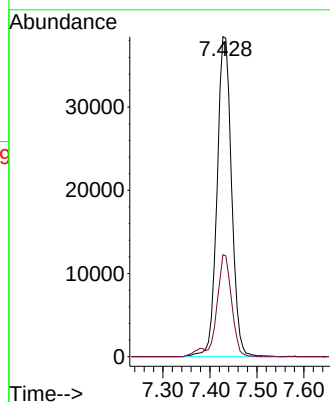
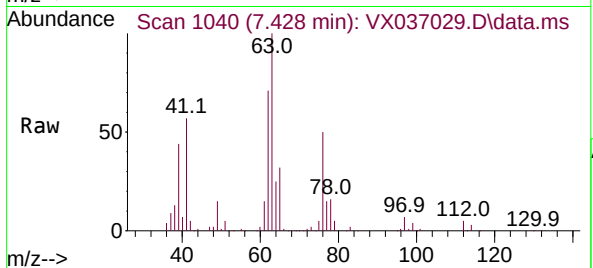




#45  
1,2-Dichloropropane  
Concen: 50.525 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

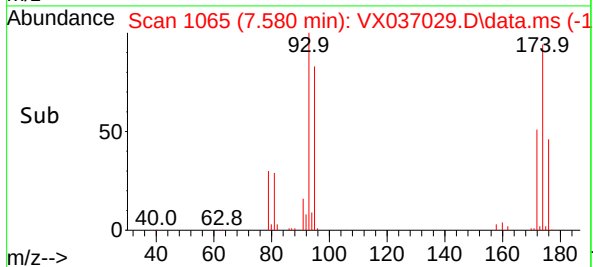
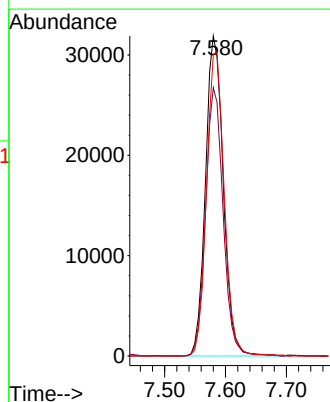
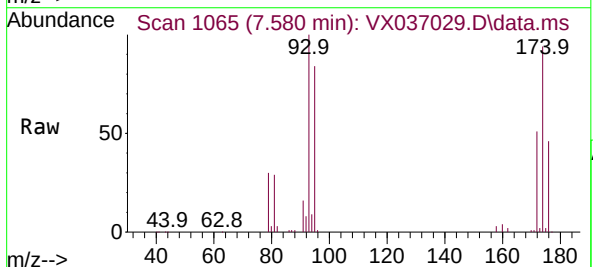
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

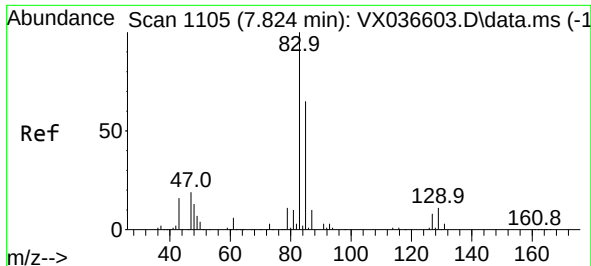
Tgt Ion: 63 Resp: 82692  
Ion Ratio Lower Upper  
63 100  
65 31.9 24.3 36.5



#46  
Dibromomethane  
Concen: 56.570 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 93 Resp: 64798  
Ion Ratio Lower Upper  
93 100  
95 82.5 66.6 100.0  
174 94.3 69.4 104.0





#47

Bromodichloromethane

Concen: 55.009 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

Instrument :

MSVOA\_X

ClientSampleId :

RE114D1-20230815MS

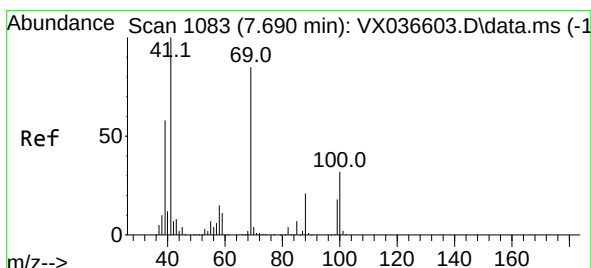
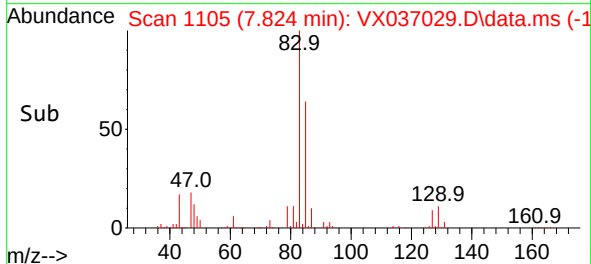
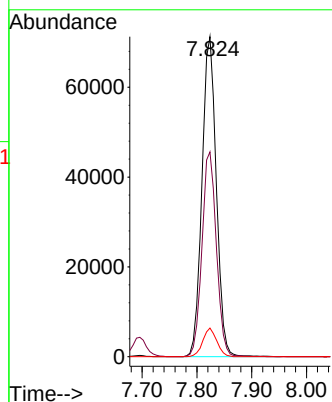
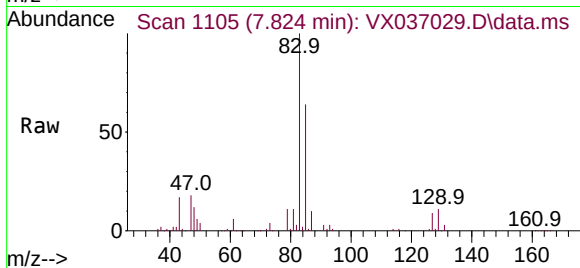
Tgt Ion: 83 Resp: 129337

Ion Ratio Lower Upper

83 100

85 64.0 49.8 74.6

127 9.0 7.1 10.7



#48

Methyl methacrylate

Concen: 49.531 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

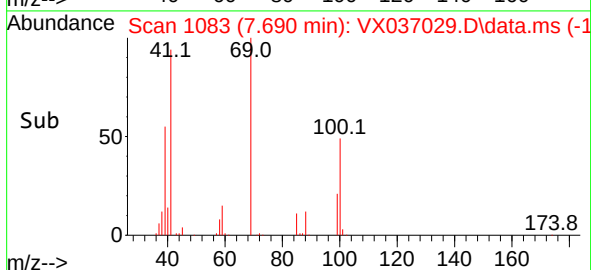
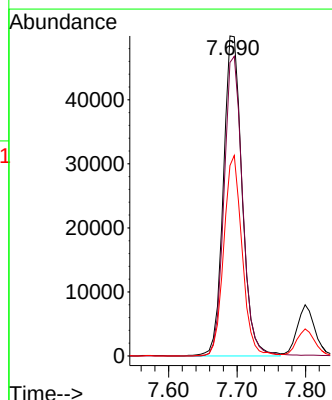
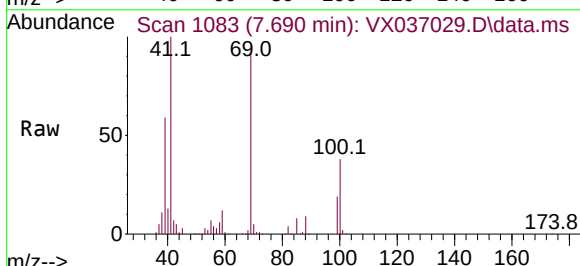
Tgt Ion: 41 Resp: 94559

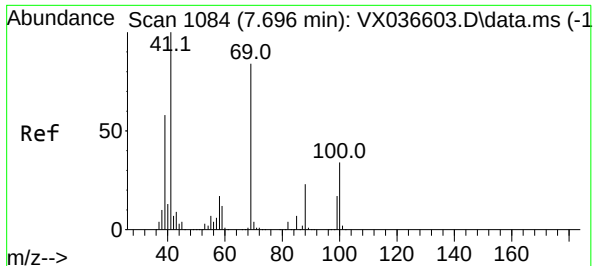
Ion Ratio Lower Upper

41 100

69 92.6 59.2 88.8

39 61.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1463.865 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.036 min

Lab File: VX037029.D

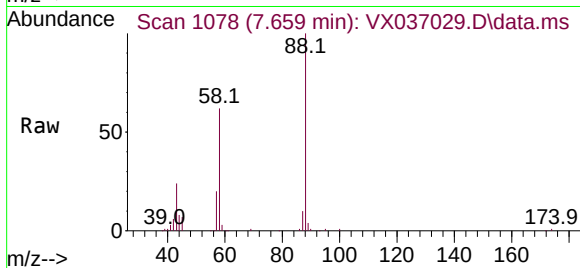
Acq: 16 Aug 2023 20:12

Instrument :

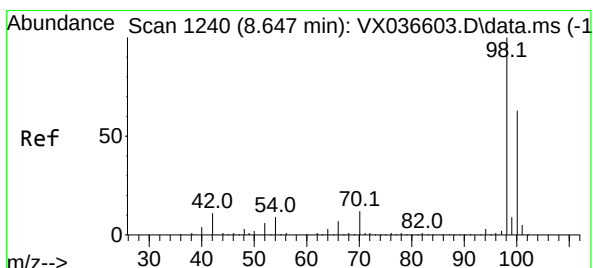
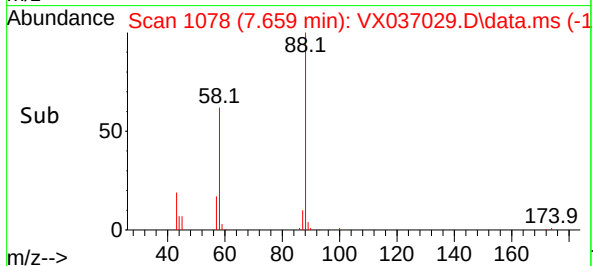
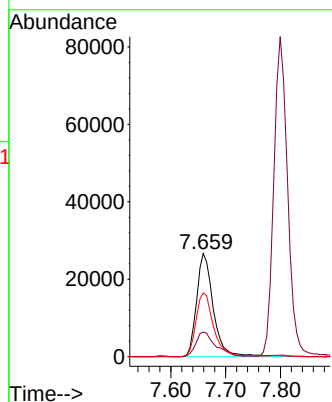
MSVOA\_X

ClientSampleId :

RE114D1-20230815MS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 56456 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 28.4  | 0.0   | 0.0#  |
| 58       | 64.1  | 60.1  | 90.1  |



#50

Toluene-d8

Concen: 46.007 ug/l

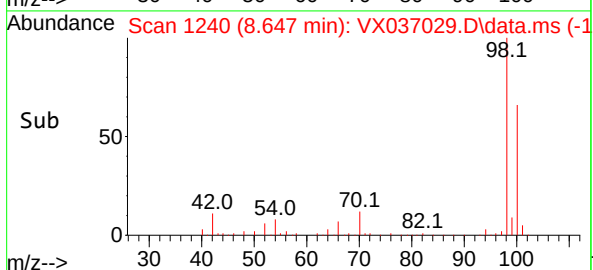
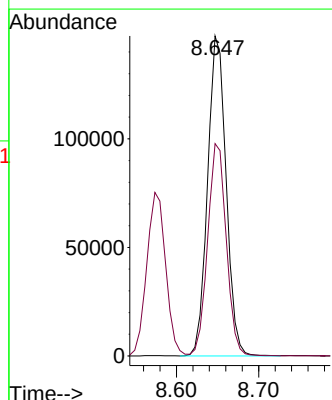
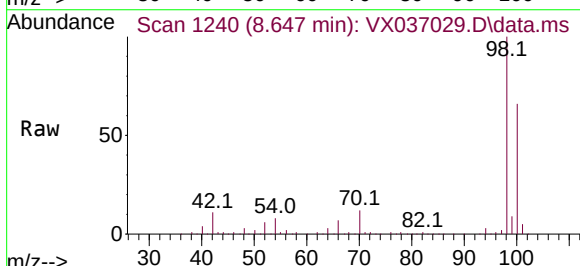
RT: 8.647 min Scan# 1240

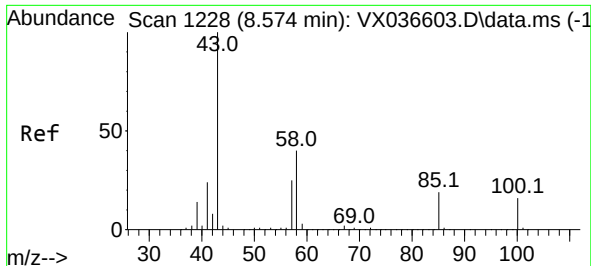
Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 230630 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.7  | 53.1  | 79.7   |

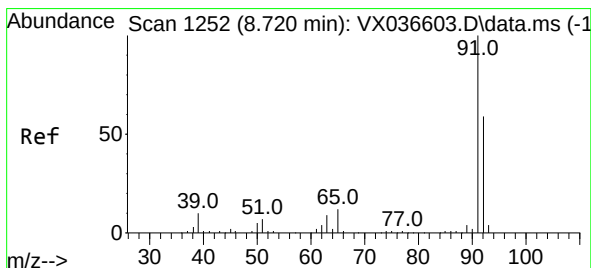
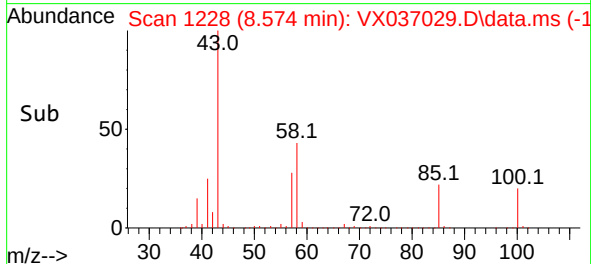
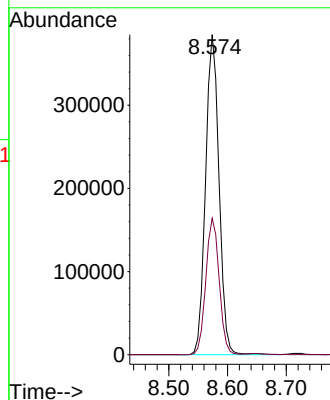
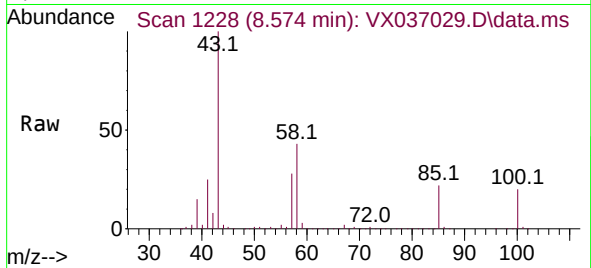




#51  
4-Methyl-2-Pentanone  
Concen: 269.076 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

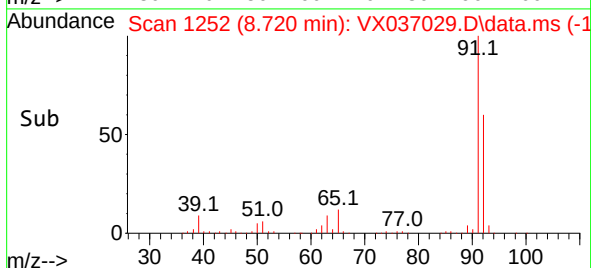
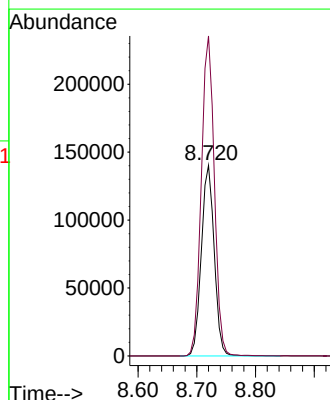
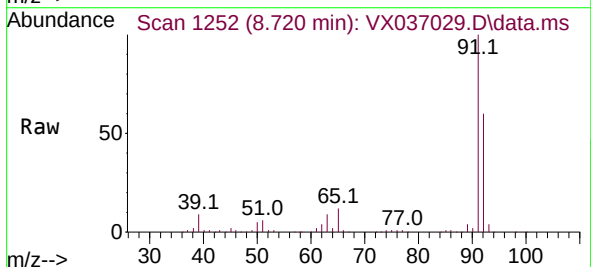
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

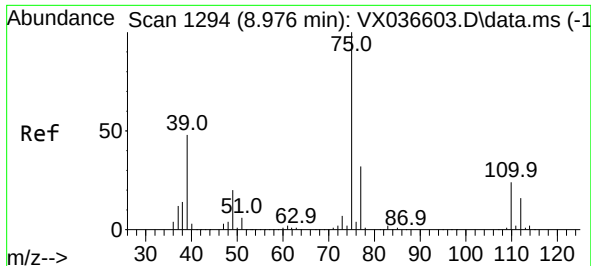
Tgt Ion: 43 Resp: 611260  
Ion Ratio Lower Upper  
43 100  
58 42.3 30.4 45.6



#52  
Toluene  
Concen: 55.755 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 92 Resp: 214158  
Ion Ratio Lower Upper  
92 100  
91 169.5 134.2 201.2

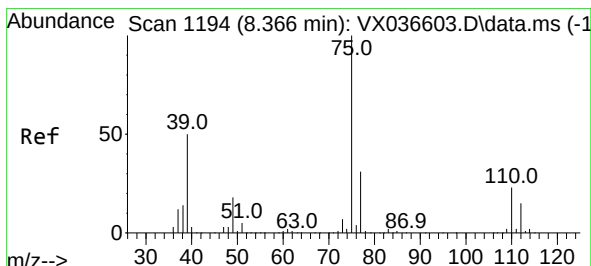
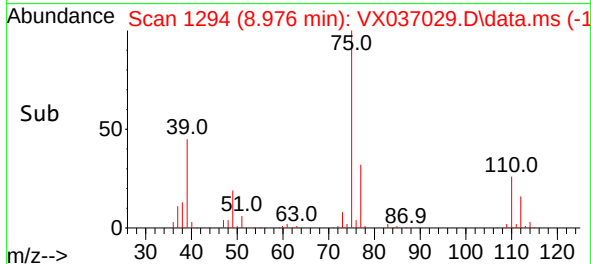
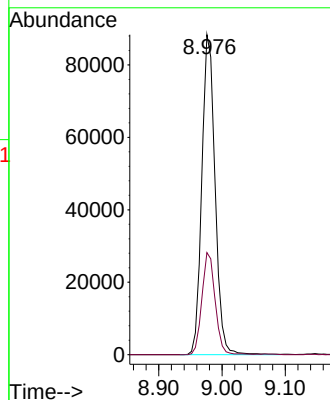
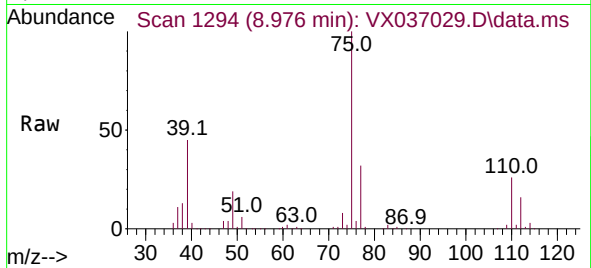




#53  
t-1,3-Dichloropropene  
Concen: 48.525 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

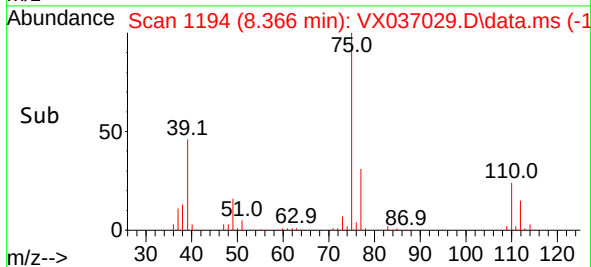
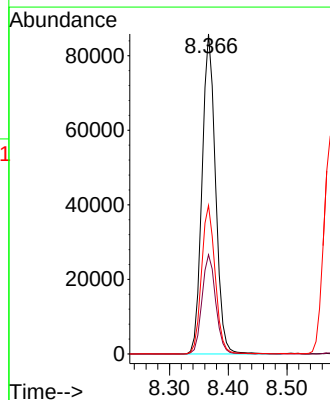
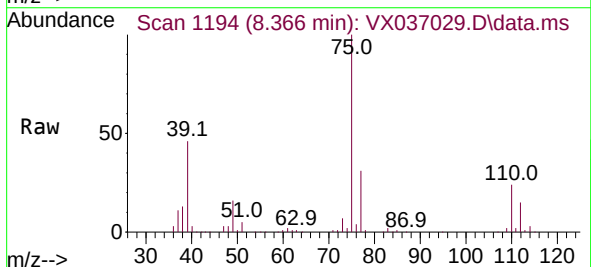
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

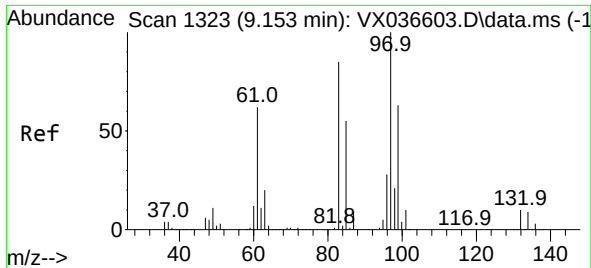
Tgt Ion: 75 Resp: 128952  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 48.744 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 75 Resp: 136687  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.3 37.9  
39 46.4 46.7 70.1#

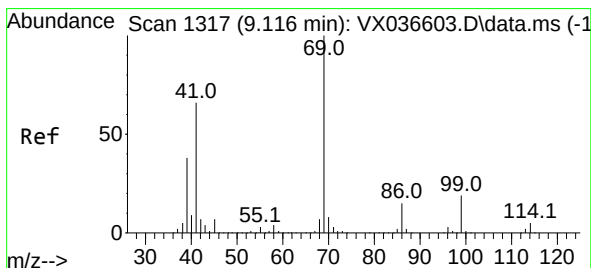
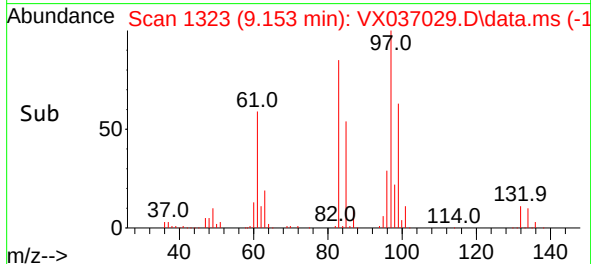
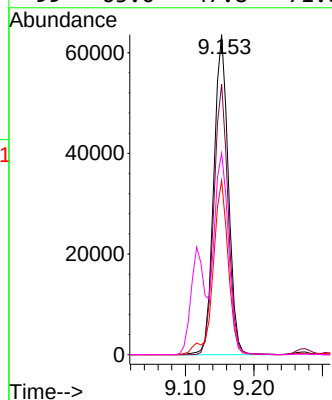
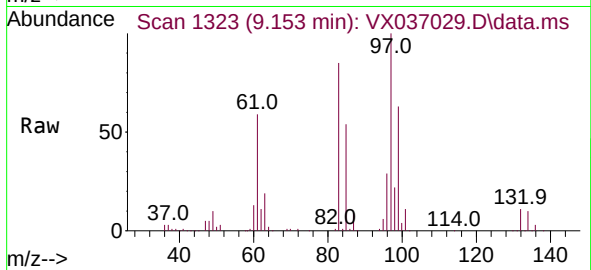




#55  
1,1,2-Trichloroethane  
Concen: 58.103 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

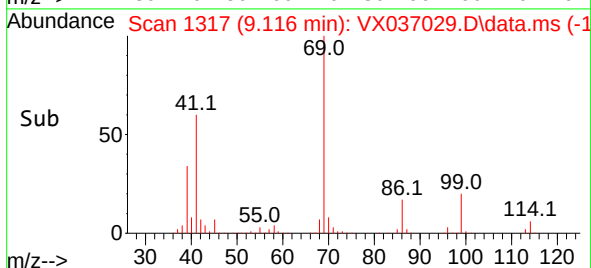
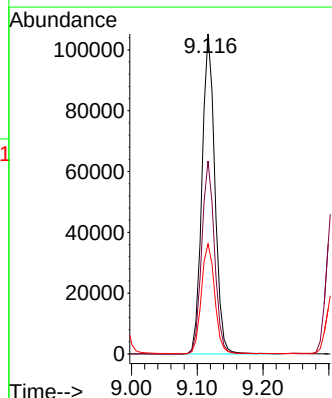
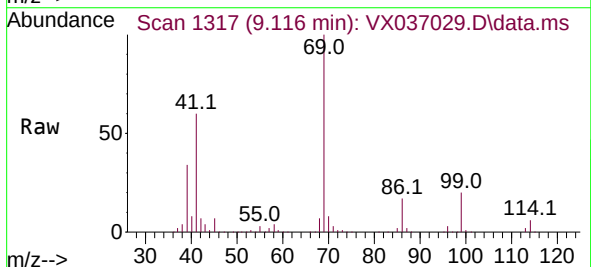
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 93813 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.6  | 65.8  | 98.8  |
| 85       | 54.4  | 41.6  | 62.4  |
| 99       | 63.0  | 47.8  | 71.8  |

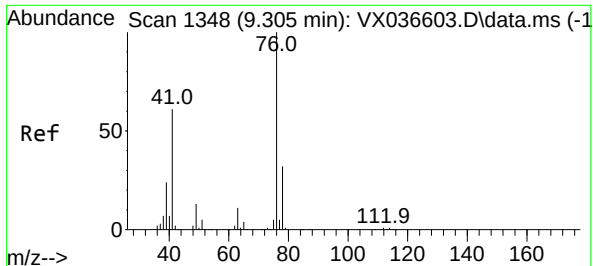


#56  
Ethyl methacrylate  
Concen: 54.489 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 143260 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.2  | 56.8  | 85.2   |
| 39       | 35.5  | 32.0  | 48.0   |



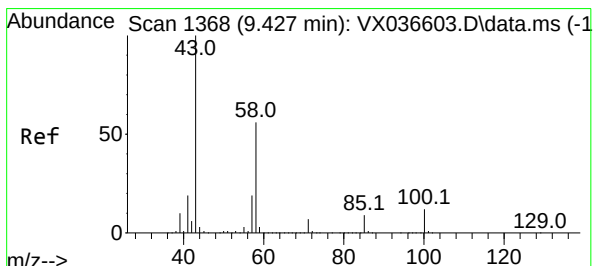
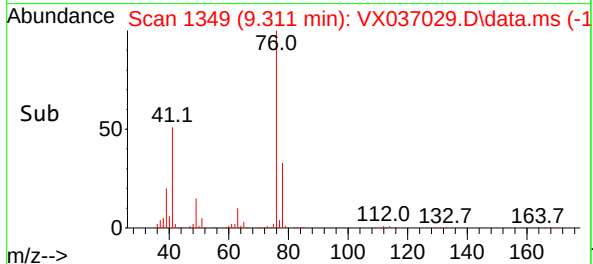
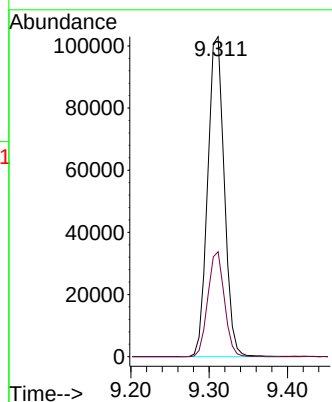
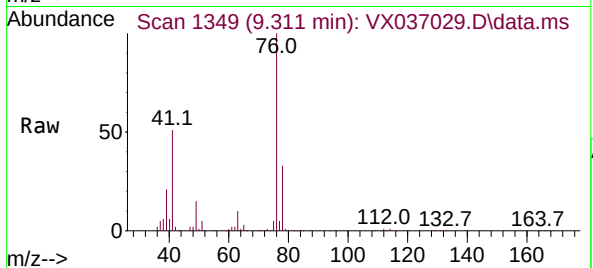




#57  
1,3-Dichloropropane  
Concen: 56.167 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

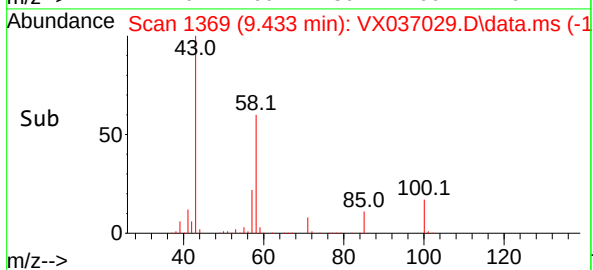
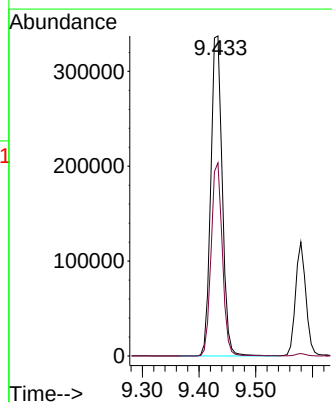
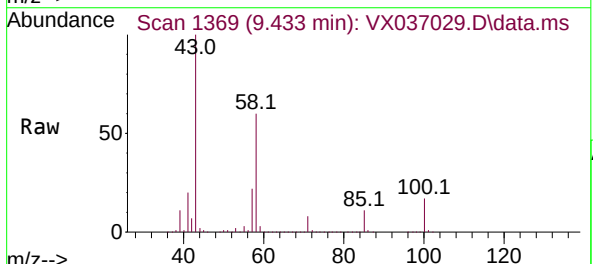
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

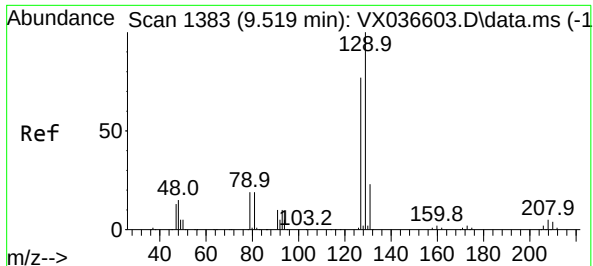
Tgt Ion: 76 Resp: 151046  
Ion Ratio Lower Upper  
76 100  
78 32.8 26.1 39.1



#59  
2-Hexanone  
Concen: 280.181 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 43 Resp: 472378  
Ion Ratio Lower Upper  
43 100  
58 59.0 26.2 78.5

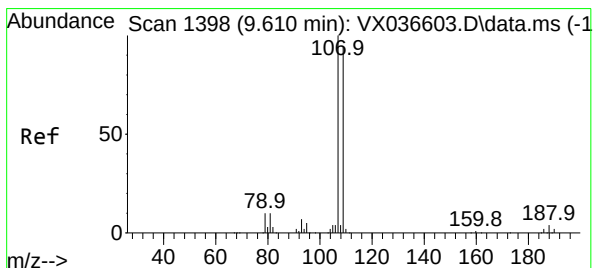
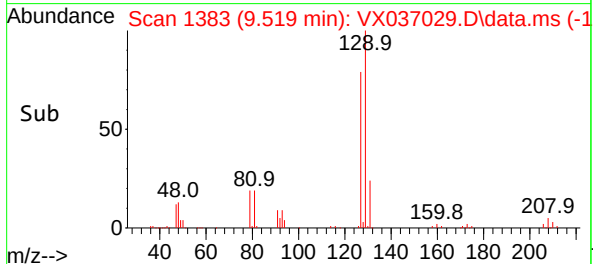
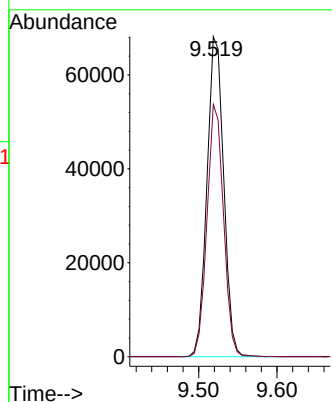
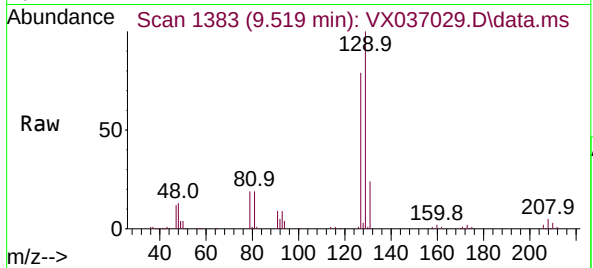




#60  
Dibromochloromethane  
Concen: 56.883 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

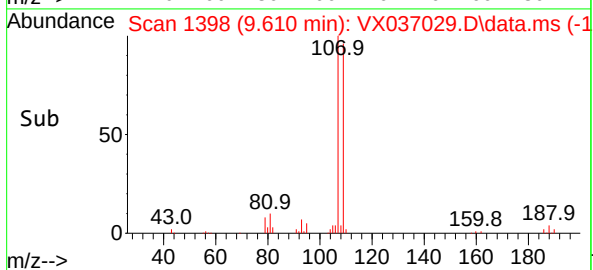
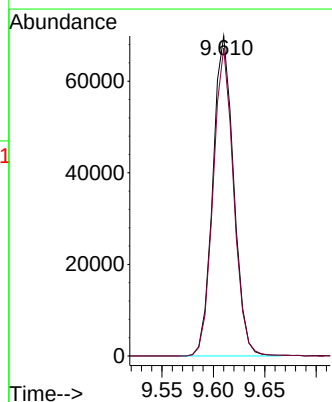
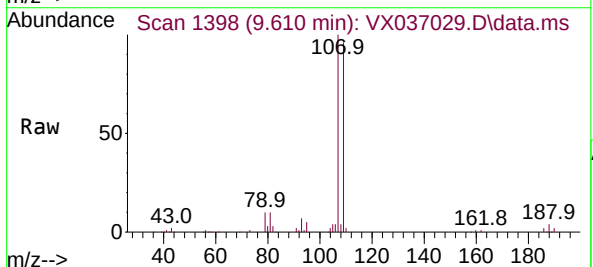
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

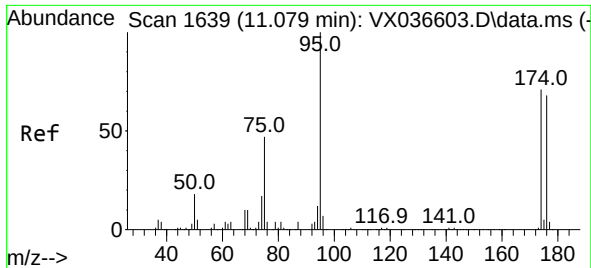
Tgt Ion:129 Resp: 100947  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.8 116.4



#61  
1,2-Dibromoethane  
Concen: 58.851 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion:107 Resp: 98480  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.2 112.8

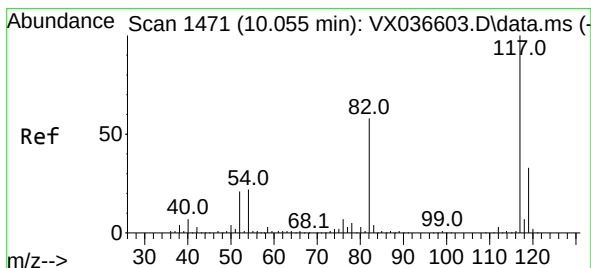
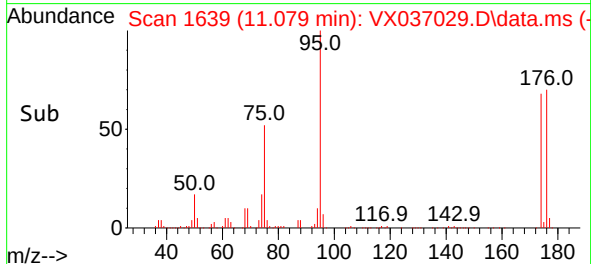
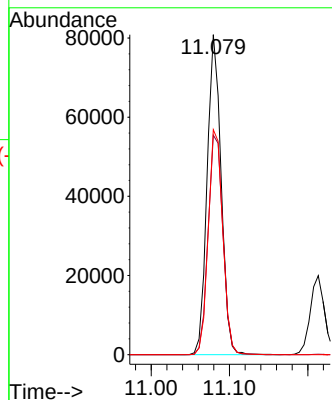
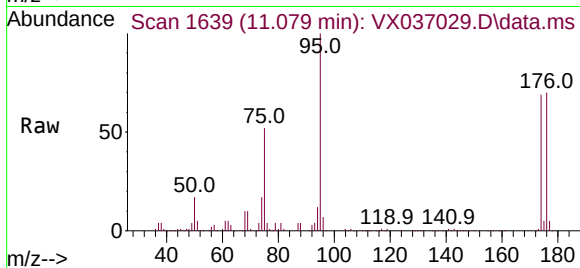




#62  
4-Bromofluorobenzene  
Concen: 52.833 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

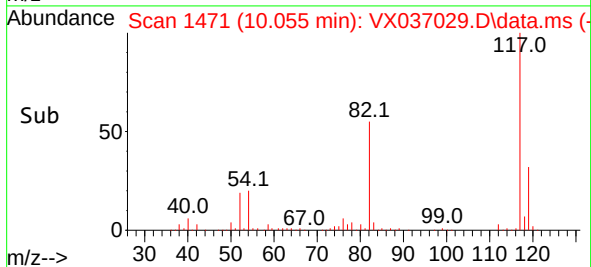
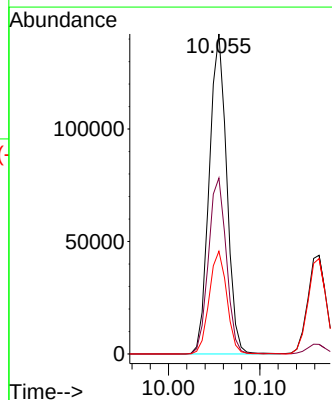
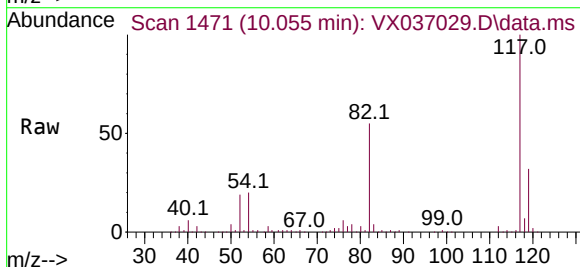
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

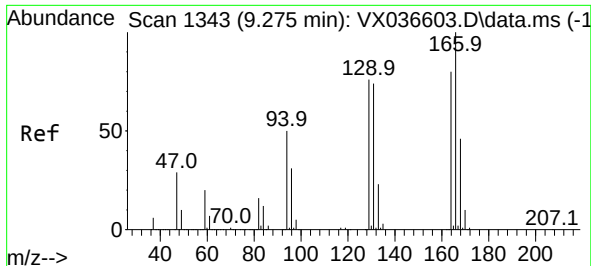
Tgt Ion: 95 Resp: 99923  
Ion Ratio Lower Upper  
95 100  
174 72.7 0.0 135.6  
176 72.9 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 117 Resp: 188320  
Ion Ratio Lower Upper  
117 100  
82 55.0 46.2 69.4  
119 32.1 25.5 38.3

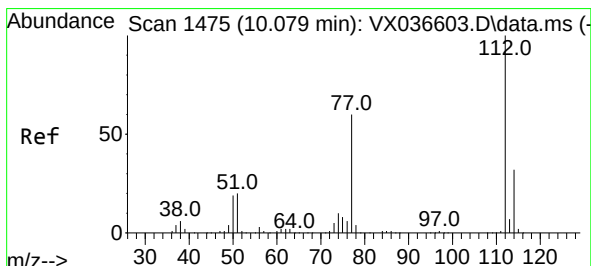
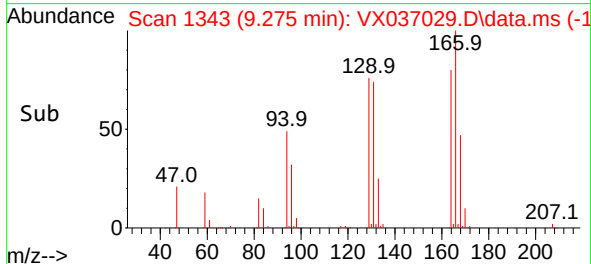
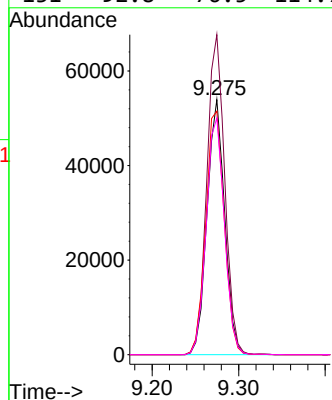
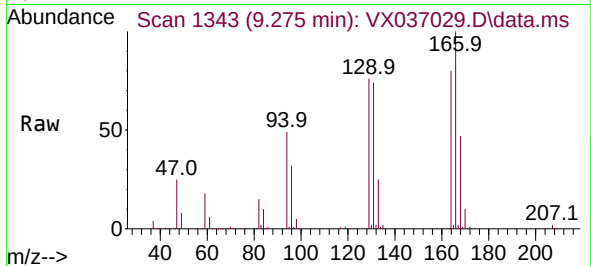




#64  
Tetrachloroethene  
Concen: 54.279 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

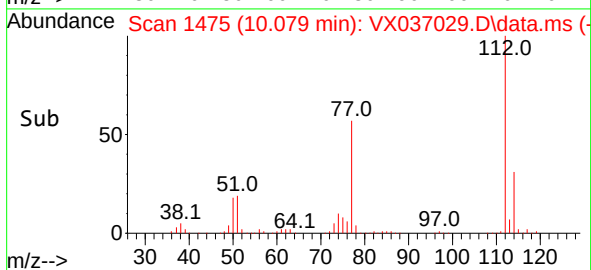
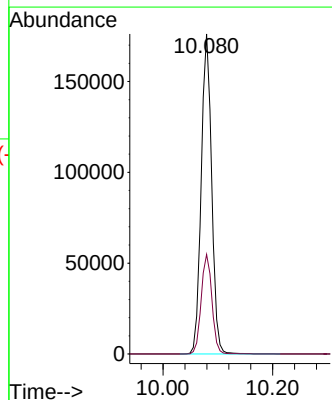
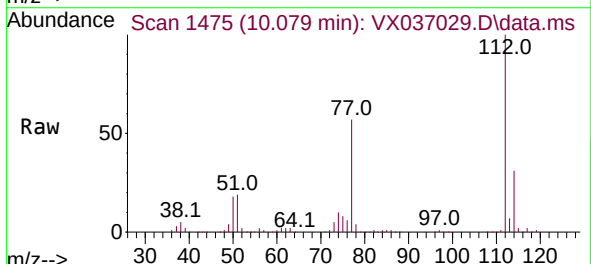
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

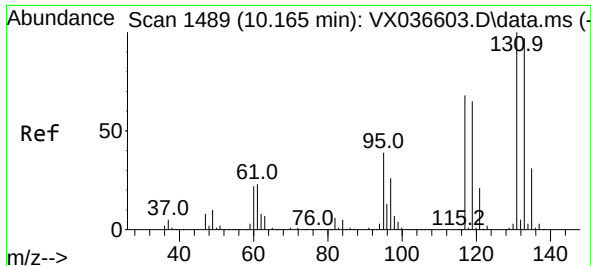
Tgt Ion:164 Resp: 76243  
Ion Ratio Lower Upper  
164 100  
166 125.5 102.7 154.1  
129 95.5 80.4 120.6  
131 92.8 76.5 114.7



#65  
Chlorobenzene  
Concen: 56.181 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion:112 Resp: 233213  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.7 38.5

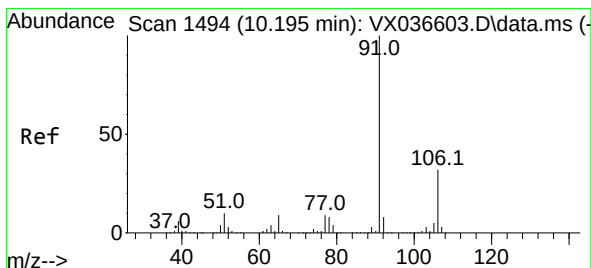
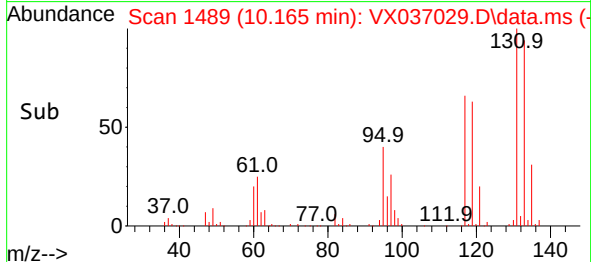
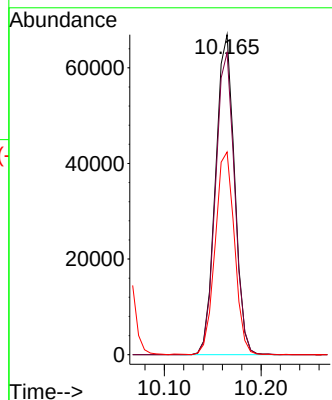
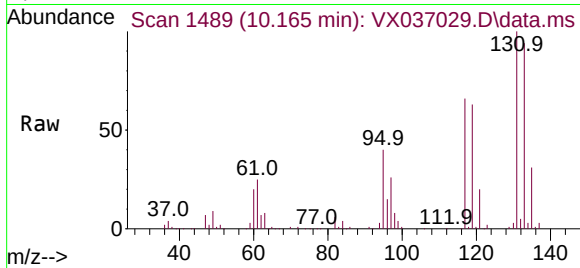




#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.798 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

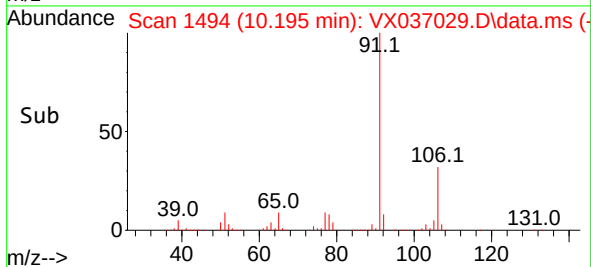
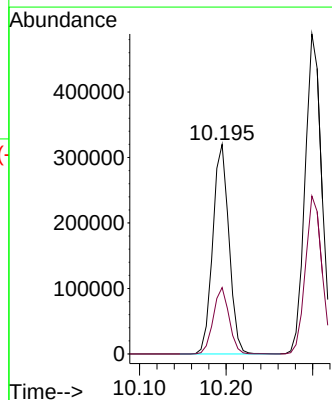
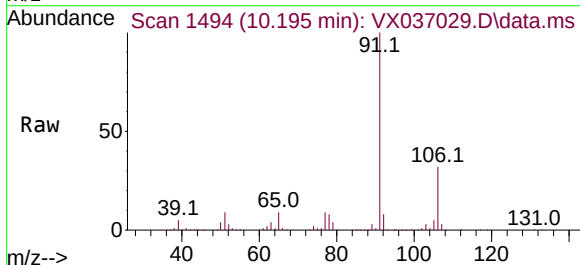
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

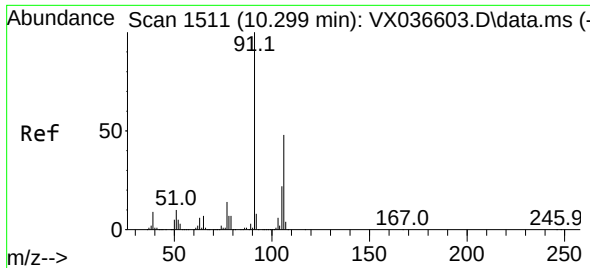
Tgt Ion:131 Resp: 91130  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.1 141.4  
119 64.4 32.2 96.6



#67  
Ethyl Benzene  
Concen: 54.842 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 91 Resp: 415885  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.9 37.3

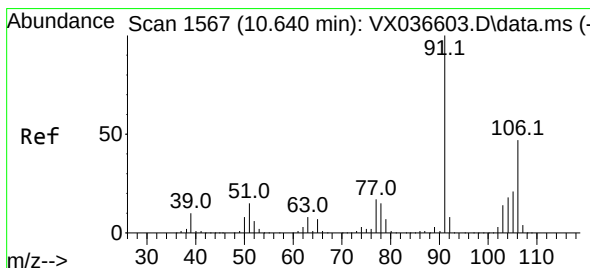
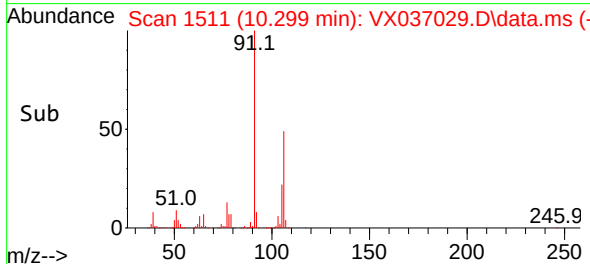
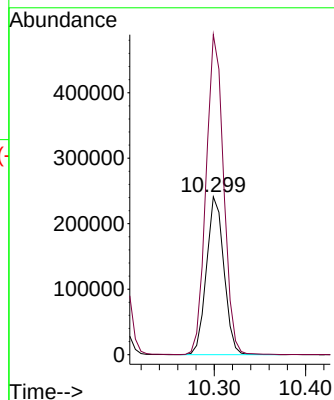
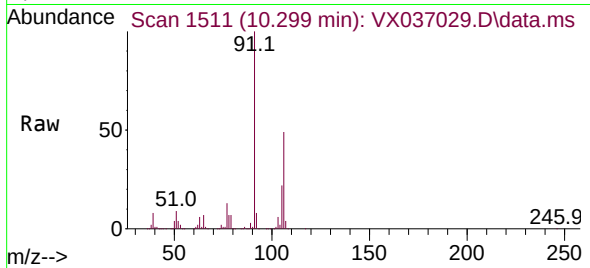




#68  
m/p-Xylenes  
Concen: 112.616 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

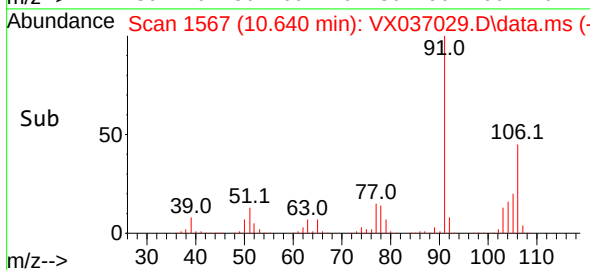
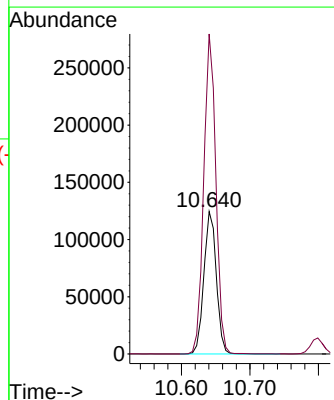
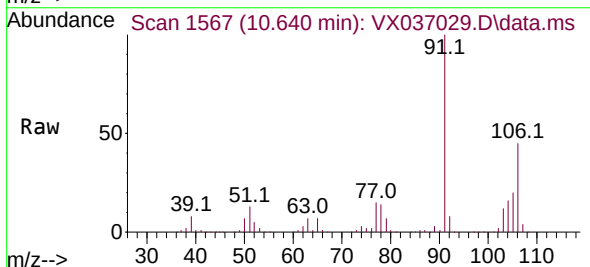
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

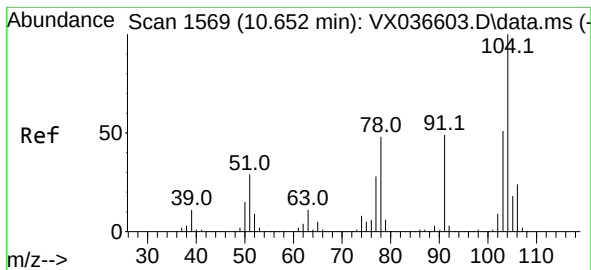
Tgt Ion:106 Resp: 318636  
Ion Ratio Lower Upper  
106 100  
91 204.1 165.5 248.3



#69  
o-Xylene  
Concen: 55.863 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion:106 Resp: 157771  
Ion Ratio Lower Upper  
106 100  
91 218.2 108.9 326.8





#70

Styrene

Concen: 56.830 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

Instrument :

MSVOA\_X

ClientSampleId :

RE114D1-20230815MS

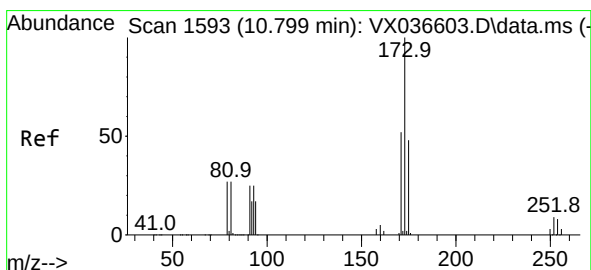
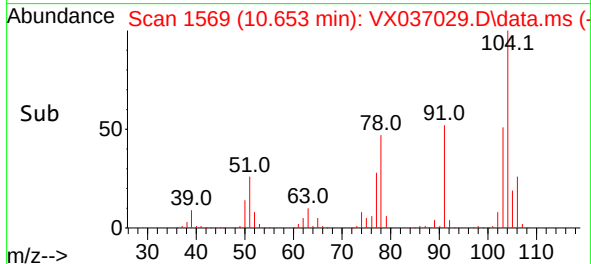
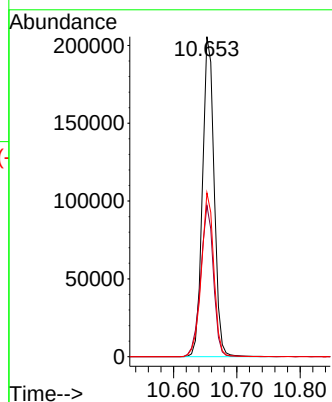
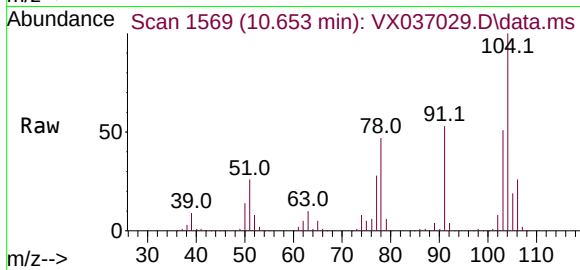
Tgt Ion:104 Resp: 264809

Ion Ratio Lower Upper

104 100

78 51.7 43.6 65.4

103 54.6 43.6 65.4



#71

Bromoform

Concen: 56.270 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

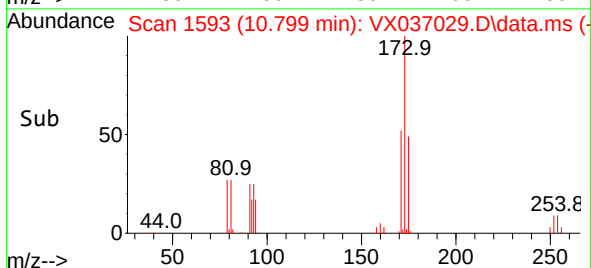
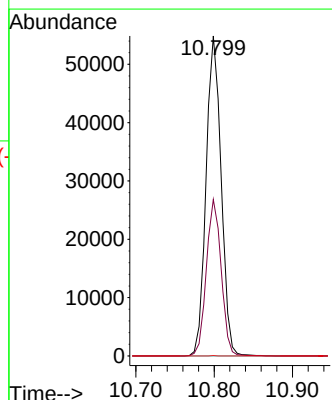
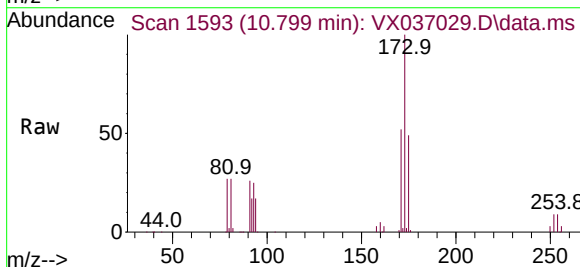
Tgt Ion:173 Resp: 73083

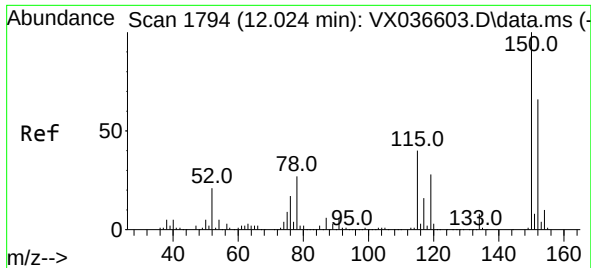
Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

254 0.0 0.0 0.0#

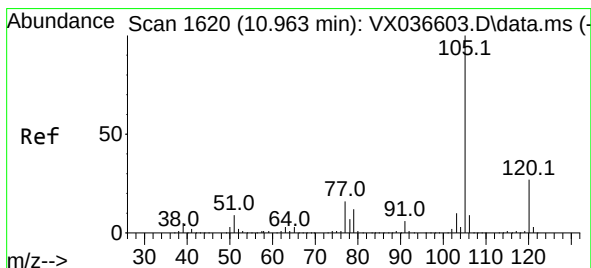
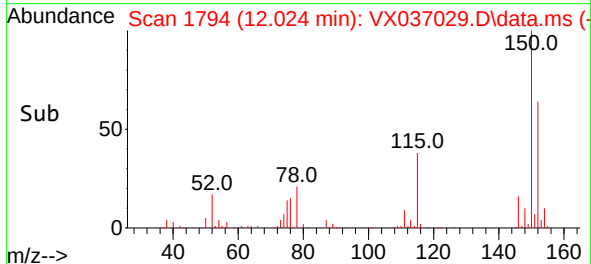
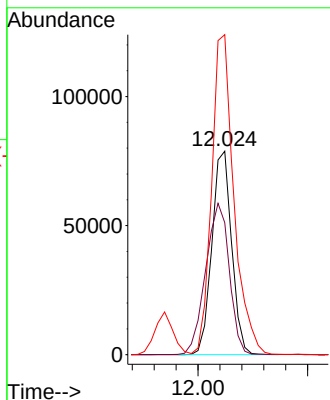
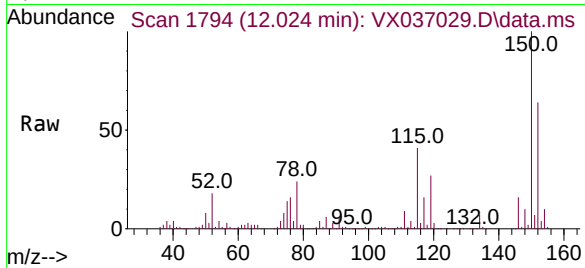




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

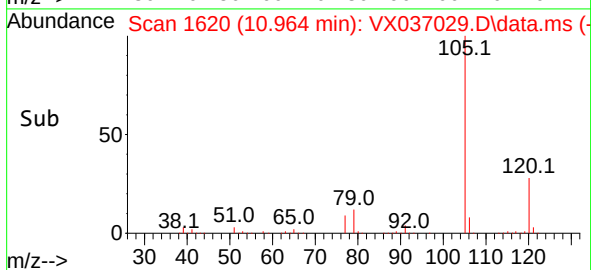
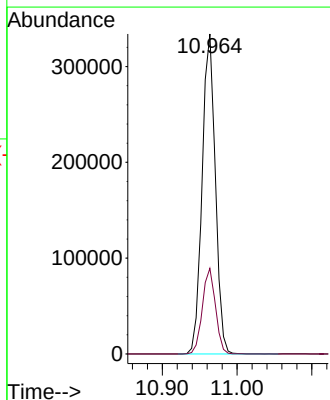
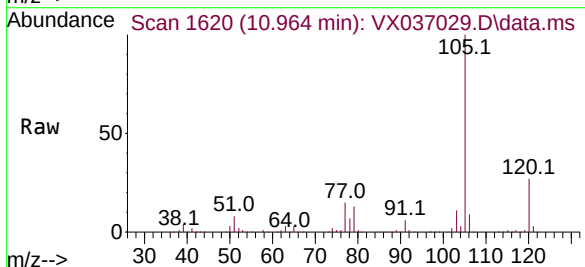
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

Tgt Ion:152 Resp: 98576  
Ion Ratio Lower Upper  
152 100  
115 89.2 43.3 129.9  
150 176.6 0.0 345.0

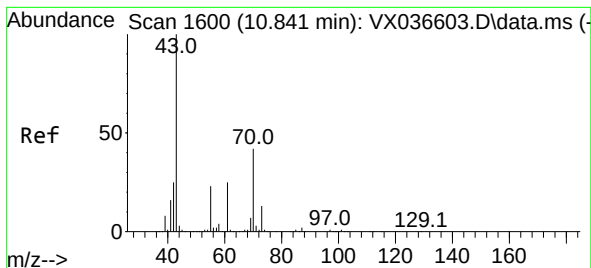


#73  
Isopropylbenzene  
Concen: 50.225 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion:105 Resp: 409734  
Ion Ratio Lower Upper  
105 100  
120 26.5 12.9 38.6







#74

N-amy1 acetate

Concen: 39.708 ug/l

RT: 10.842 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

Instrument :

MSVOA\_X

ClientSampleId :

RE114D1-20230815MS

Tgt Ion: 43 Resp: 151060

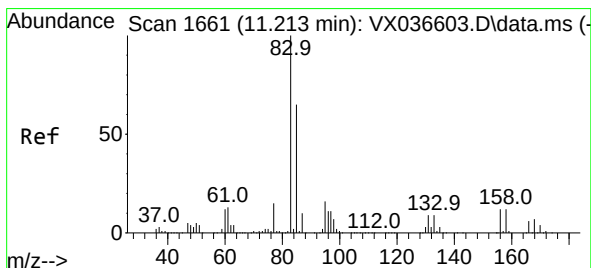
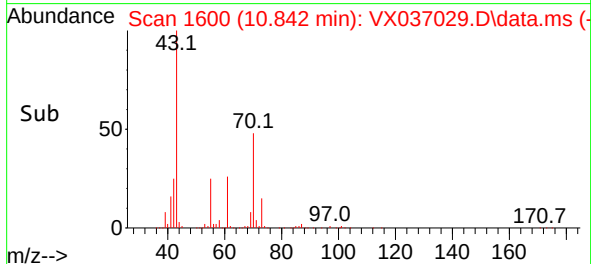
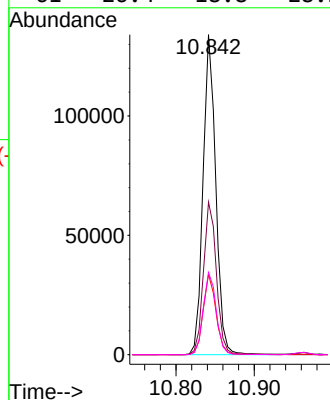
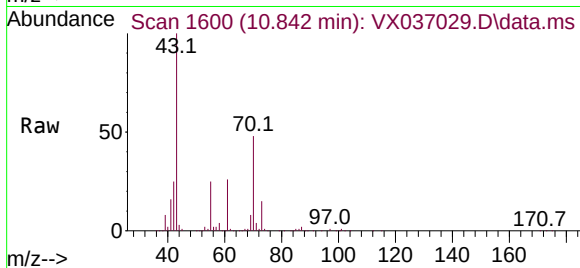
Ion Ratio Lower Upper

43 100

70 48.8 32.9 49.3

55 25.3 19.3 28.9

61 26.4 18.8 28.2



#75

1,1,2,2-Tetrachloroethane

Concen: 51.621 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

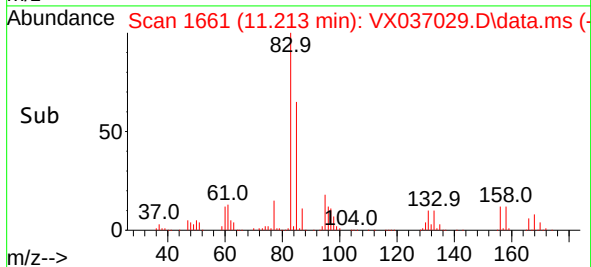
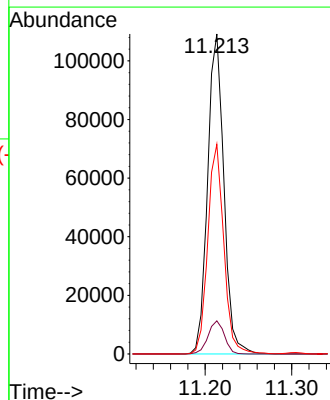
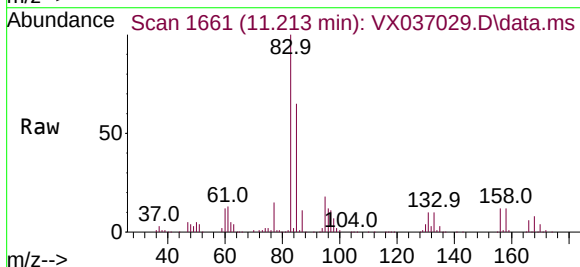
Tgt Ion: 83 Resp: 142236

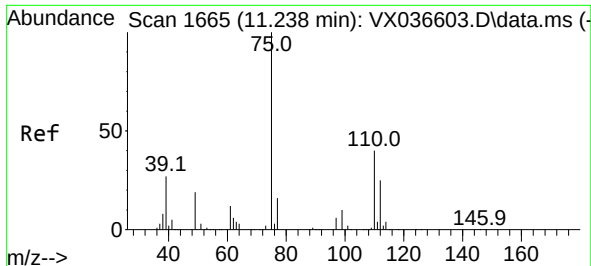
Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

85 64.7 32.0 96.2

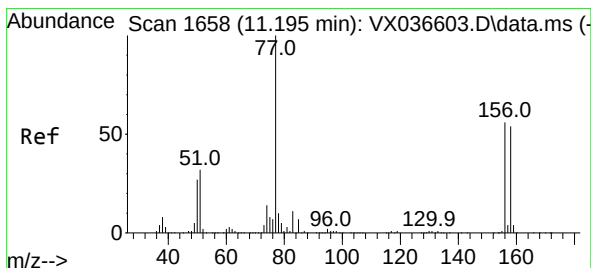
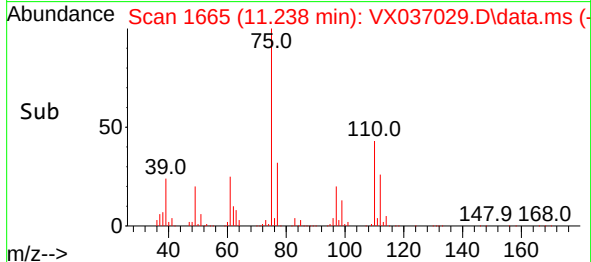
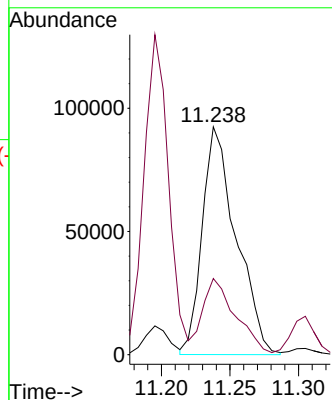
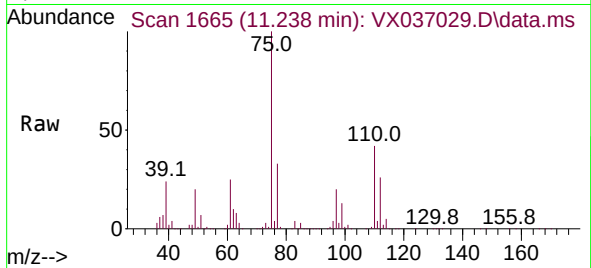




#76  
1,2,3-Trichloropropane  
Concen: 68.832 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

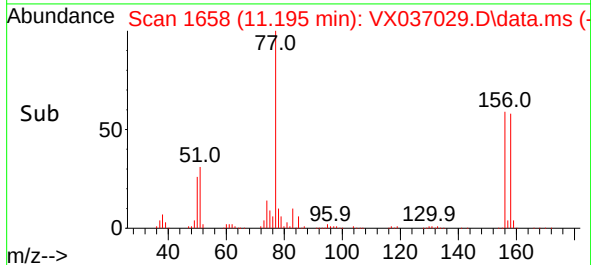
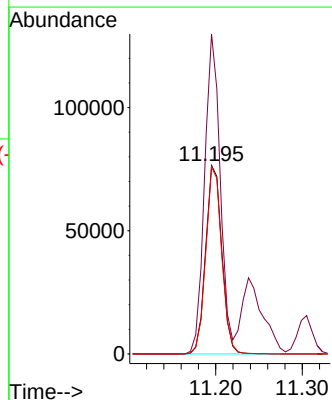
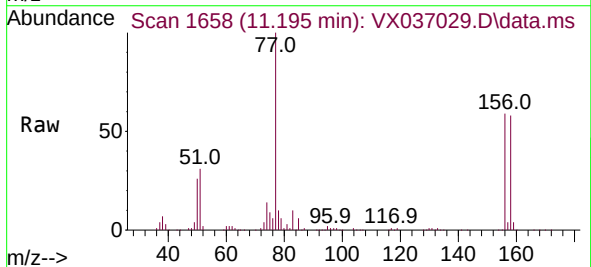
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

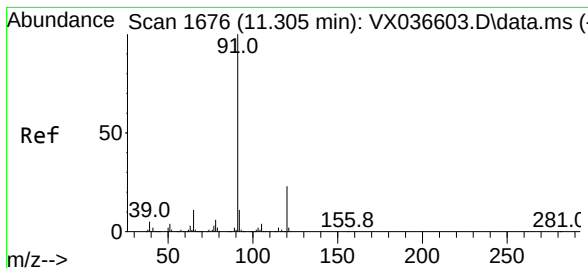
Tgt Ion: 75 Resp: 159595  
Ion Ratio Lower Upper  
75 100  
77 32.7 19.1 57.5



#77  
Bromobenzene  
Concen: 53.370 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 156 Resp: 99155  
Ion Ratio Lower Upper  
156 100  
77 164.2 88.4 265.3  
158 97.7 48.0 144.0





#78

n-propylbenzene

Concen: 48.493 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

Instrument :

MSVOA\_X

ClientSampleId :

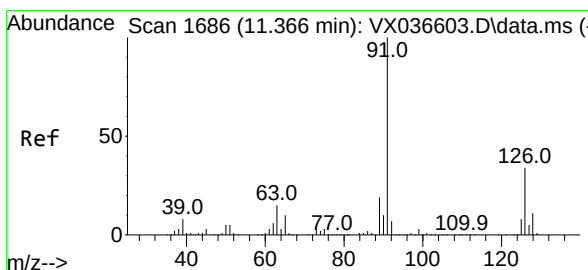
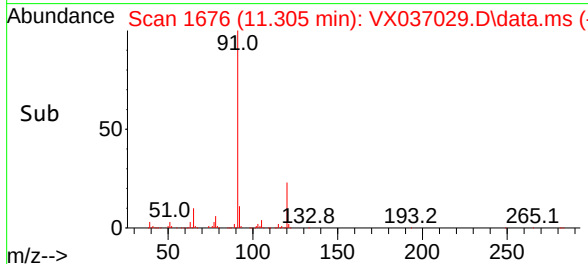
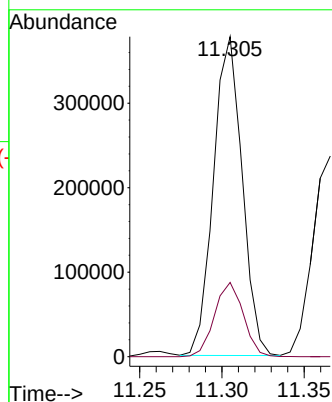
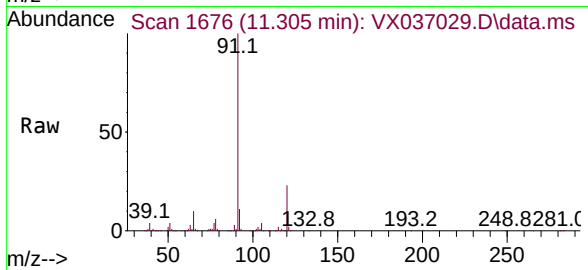
RE114D1-20230815MS

Tgt Ion: 91 Resp: 457520

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4



#79

2-Chlorotoluene

Concen: 50.600 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX037029.D

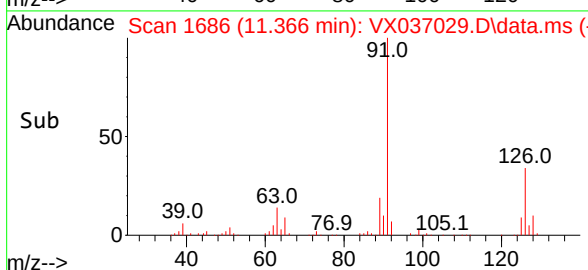
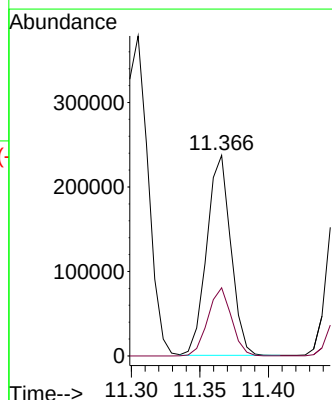
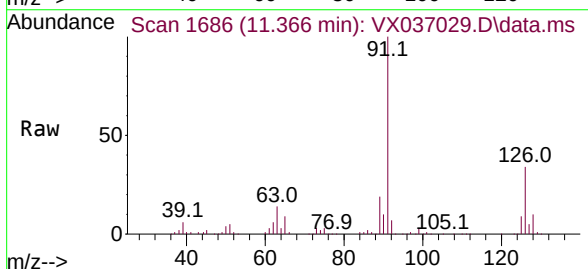
Acq: 16 Aug 2023 20:12

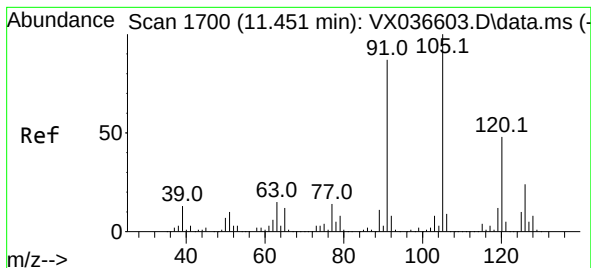
Tgt Ion: 91 Resp: 289290

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 50.198 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

Instrument :

MSVOA\_X

ClientSampleId :

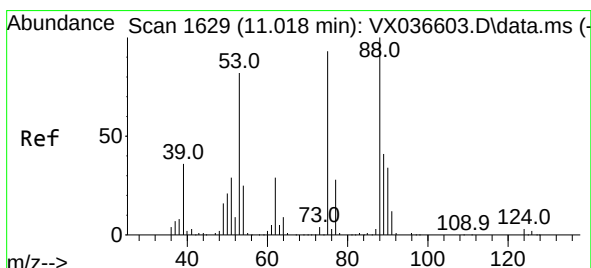
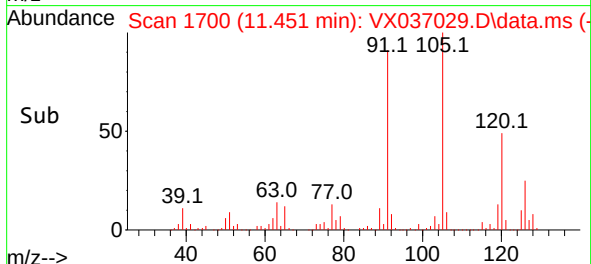
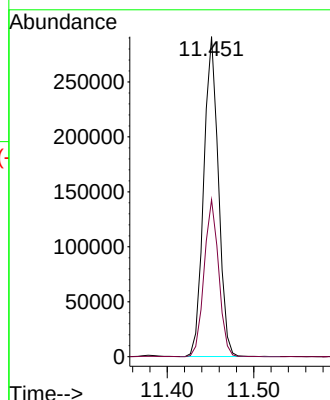
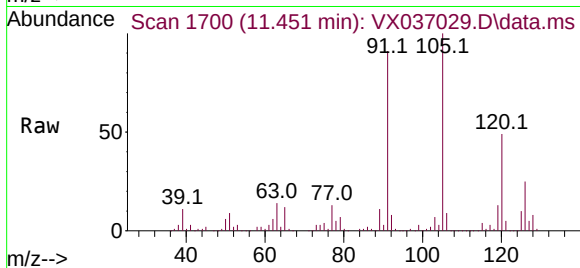
RE114D1-20230815MS

Tgt Ion:105 Resp: 342593

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 39.449 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

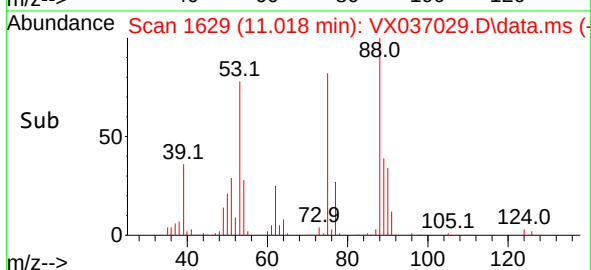
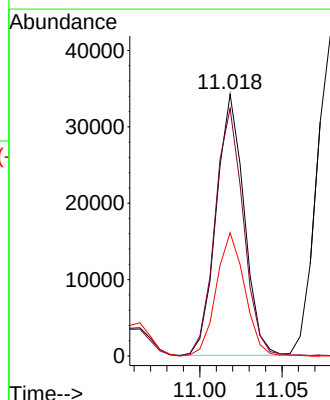
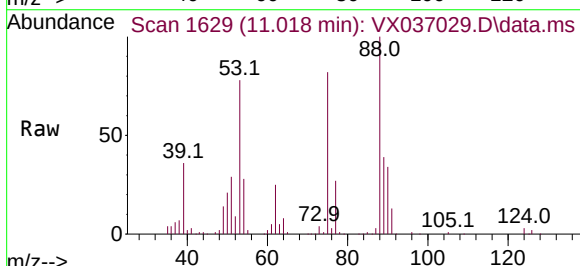
Tgt Ion: 75 Resp: 40355

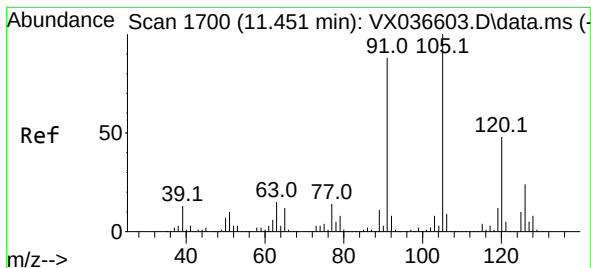
Ion Ratio Lower Upper

75 100

53 96.9 90.5 135.7

89 48.0 36.9 55.3

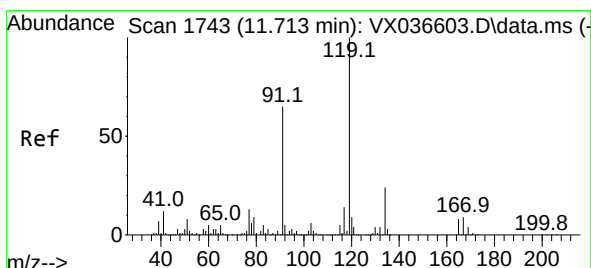
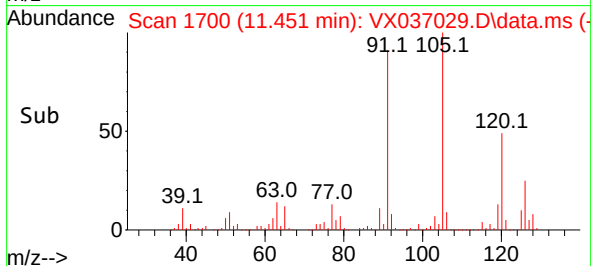
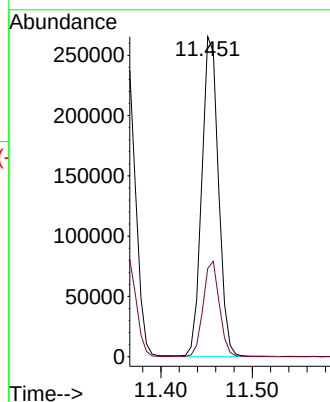
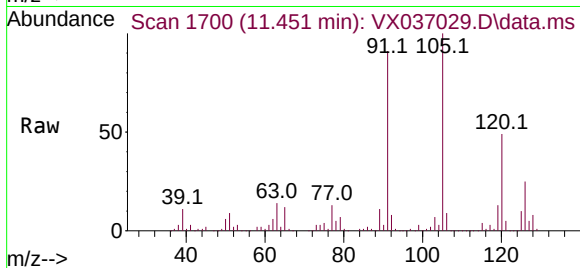




#82  
4-Chlorotoluene  
Concen: 51.567 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

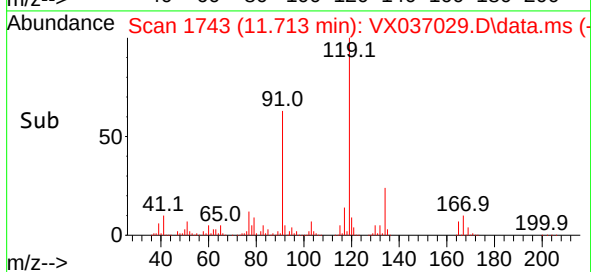
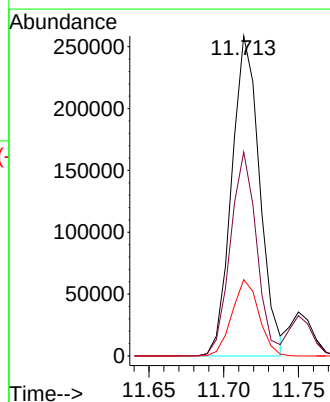
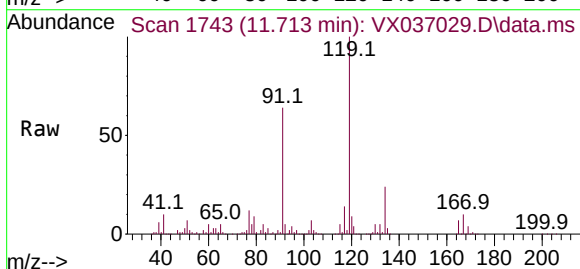
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

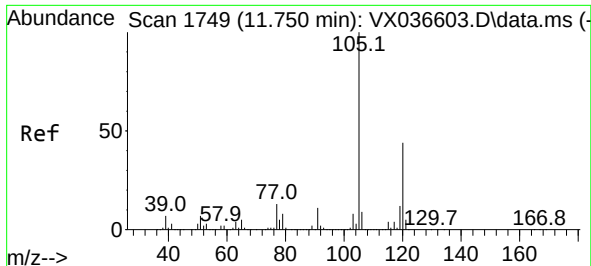
Tgt Ion: 91 Resp: 335915  
Ion Ratio Lower Upper  
91 100  
126 29.1 14.2 42.6



#83  
tert-Butylbenzene  
Concen: 50.175 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 119 Resp: 336404  
Ion Ratio Lower Upper  
119 100  
91 60.1 31.2 93.6  
134 23.0 11.7 35.0

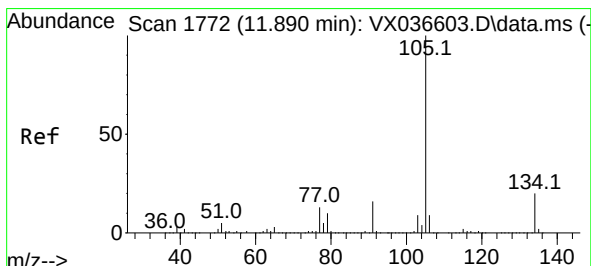
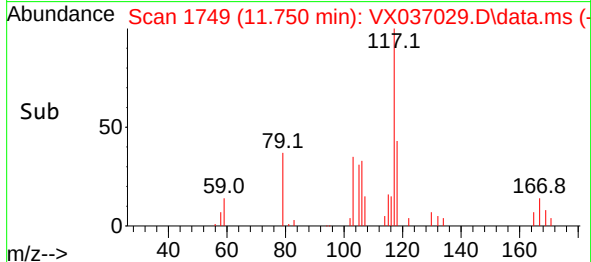
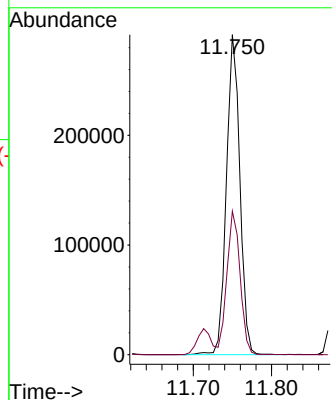
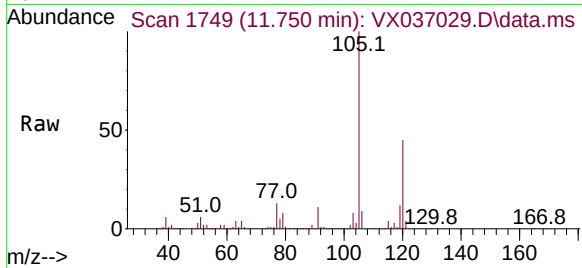




#84  
1,2,4-Trimethylbenzene  
Concen: 51.085 ug/l  
RT: 11.750 min Scan# 11749  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

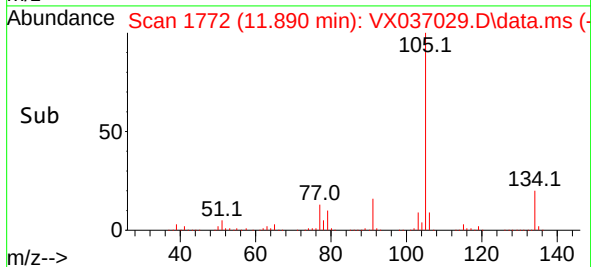
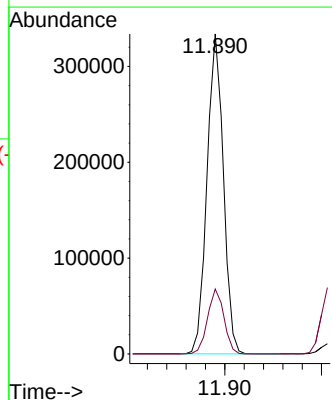
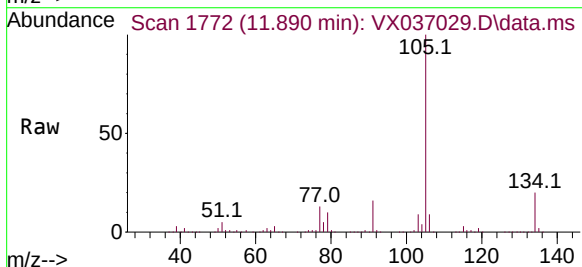
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

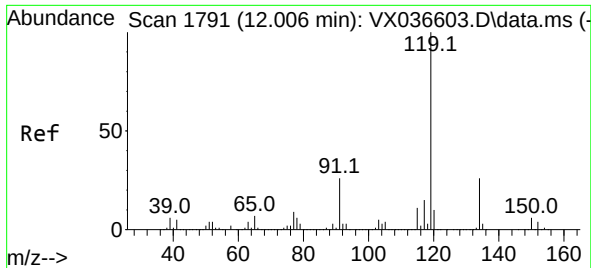
Tgt Ion:105 Resp: 348675  
Ion Ratio Lower Upper  
105 100  
120 43.9 21.2 63.6



#85  
sec-Butylbenzene  
Concen: 47.030 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion:105 Resp: 393234  
Ion Ratio Lower Upper  
105 100  
134 20.4 9.8 29.4

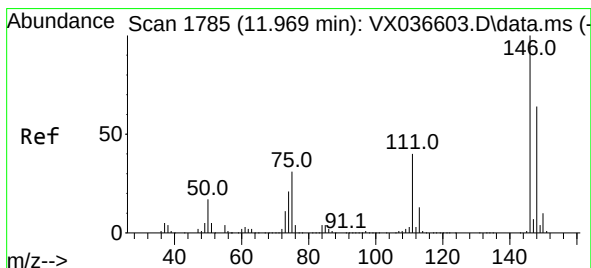
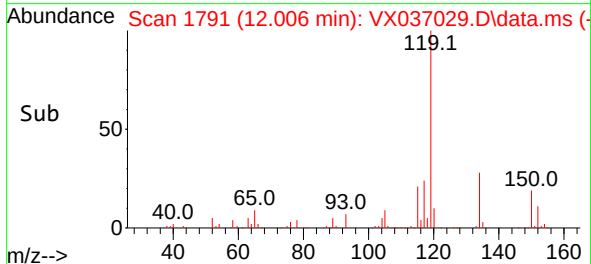
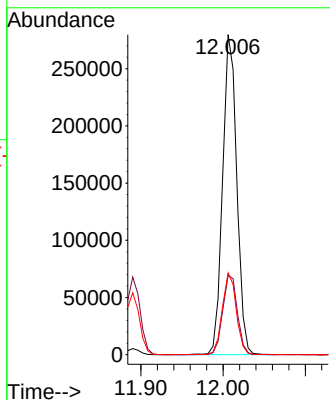
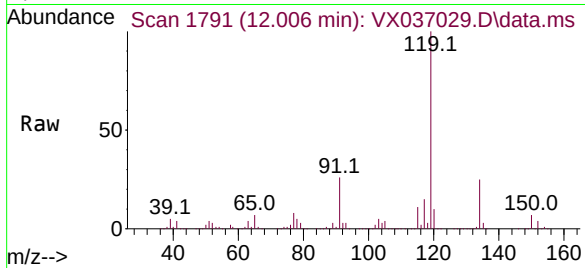




#86  
p-Isopropyltoluene  
Concen: 48.649 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

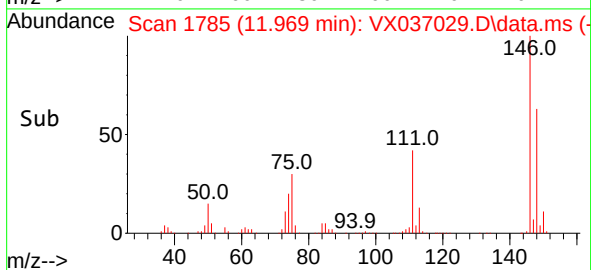
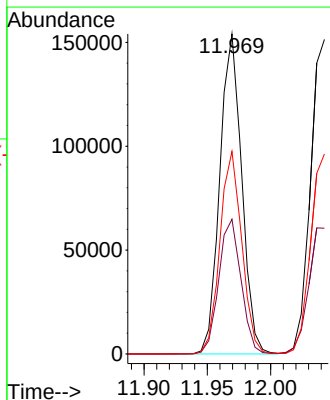
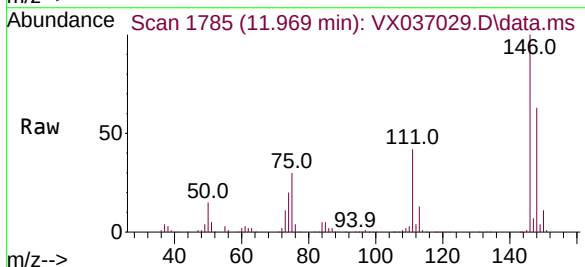
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

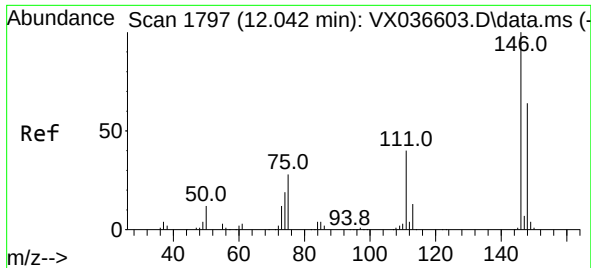
Tgt Ion:119 Resp: 334710  
Ion Ratio Lower Upper  
119 100  
134 25.6 12.8 38.3  
91 25.2 13.1 39.3



#87  
1,3-Dichlorobenzene  
Concen: 53.839 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion:146 Resp: 185261  
Ion Ratio Lower Upper  
146 100  
111 42.9 22.1 66.1  
148 63.2 31.8 95.3

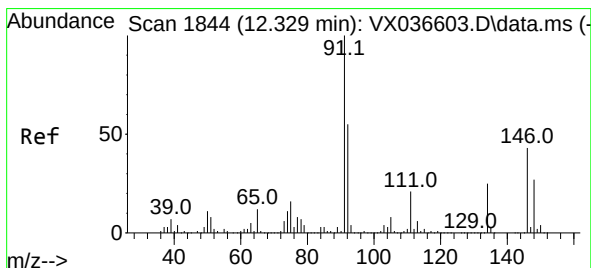
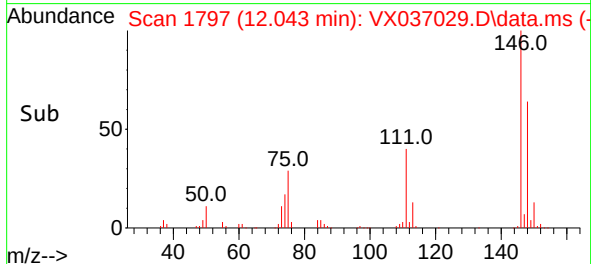
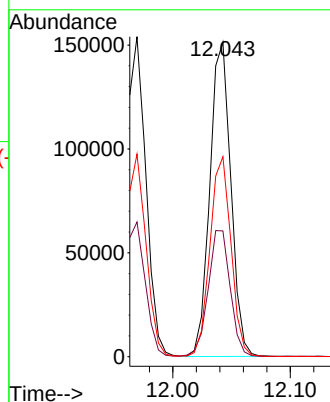
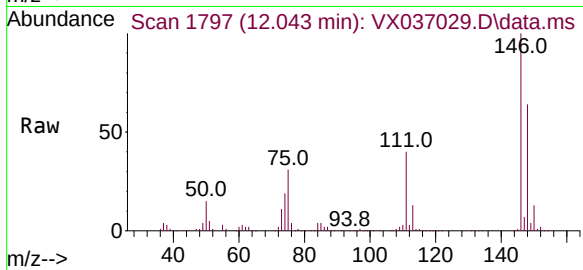




#88  
1,4-Dichlorobenzene  
Concen: 54.990 ug/l  
RT: 12.043 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

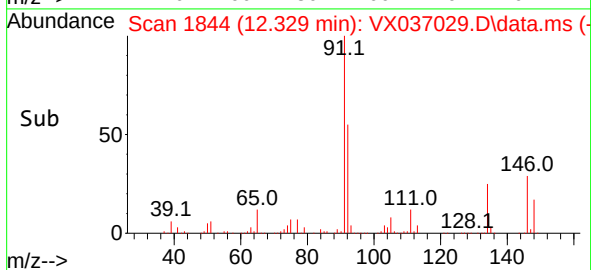
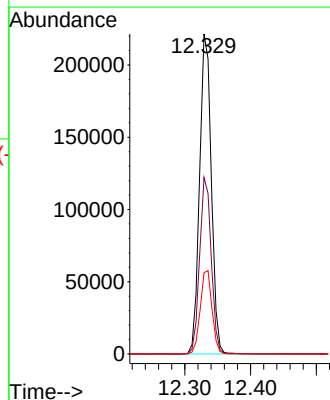
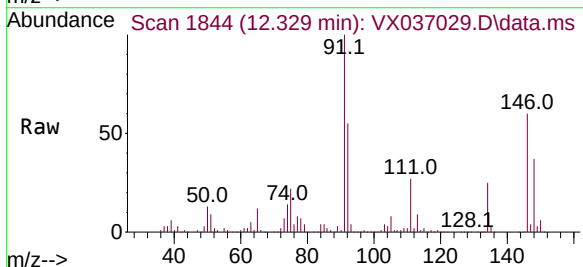
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

Tgt Ion:146 Resp: 187784  
Ion Ratio Lower Upper  
146 100  
111 42.1 21.3 63.7  
148 63.8 31.8 95.4

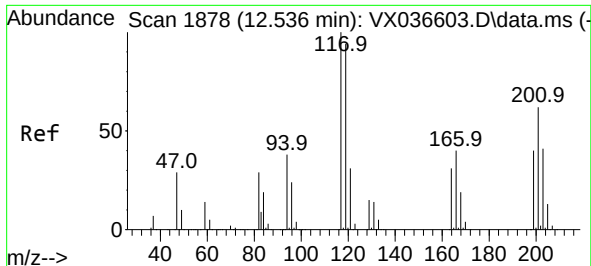


#89  
n-Butylbenzene  
Concen: 44.621 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion: 91 Resp: 274819  
Ion Ratio Lower Upper  
91 100  
92 54.6 27.4 82.0  
134 26.2 12.6 37.8



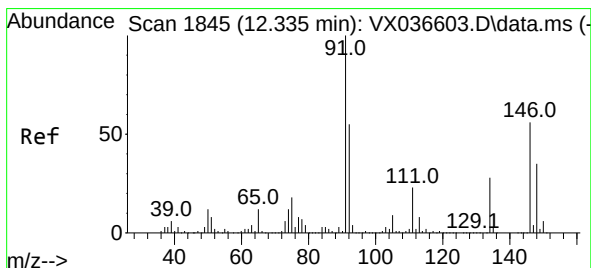
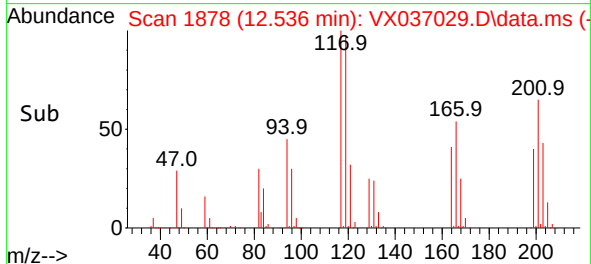
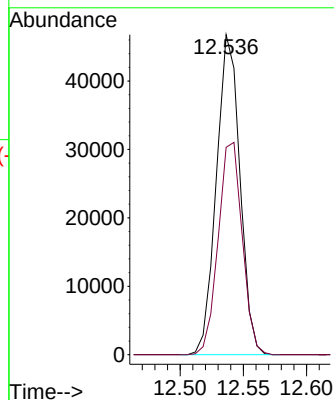
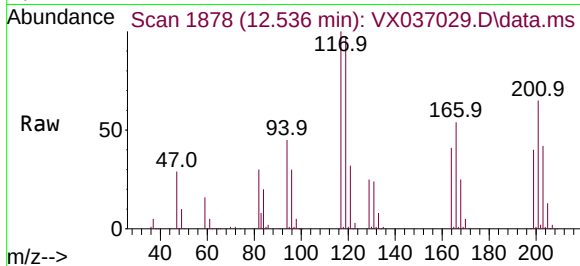




#90  
Hexachloroethane  
Concen: 43.337 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

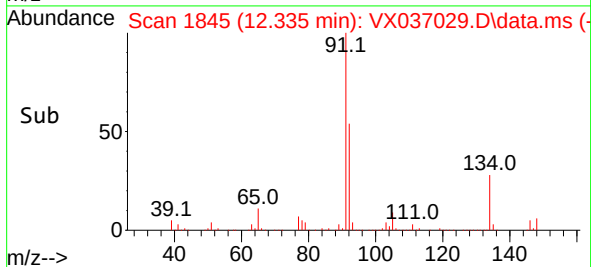
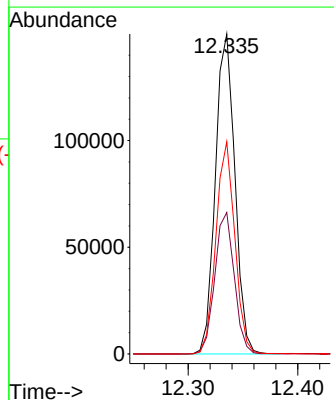
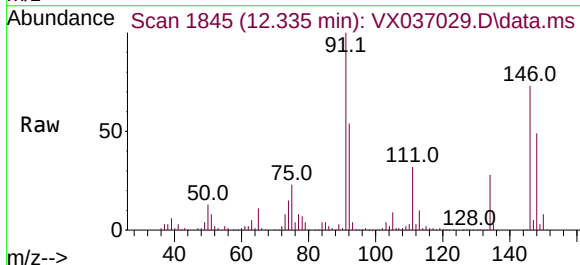
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ClientSampleId :  
RE114D1-20230815MS

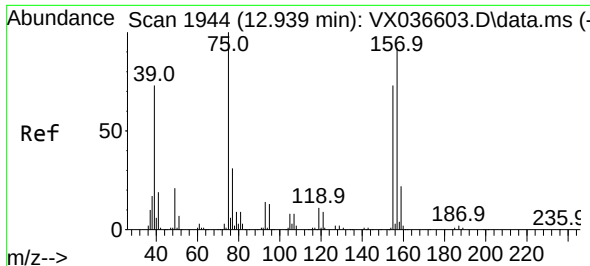
Tgt Ion:117 Resp: 60446  
Ion Ratio Lower Upper  
117 100  
201 67.8 32.9 98.6



#91  
1,2-Dichlorobenzene  
Concen: 55.953 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion:146 Resp: 185795  
Ion Ratio Lower Upper  
146 100  
111 44.1 22.4 67.0  
148 64.3 31.6 95.0

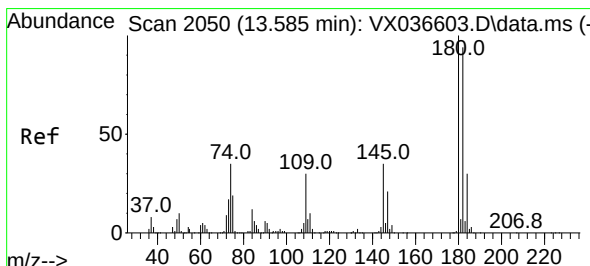
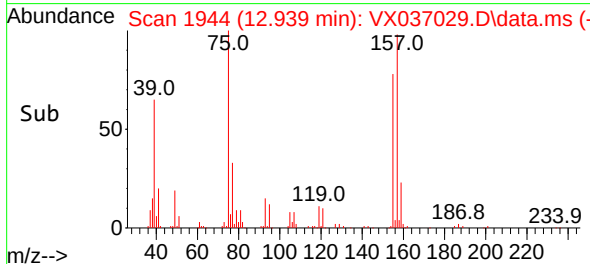
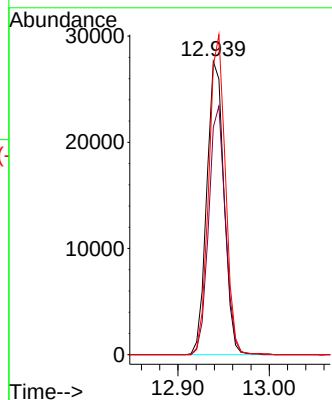
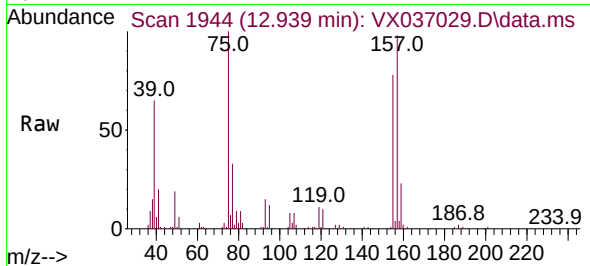




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 56.315 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

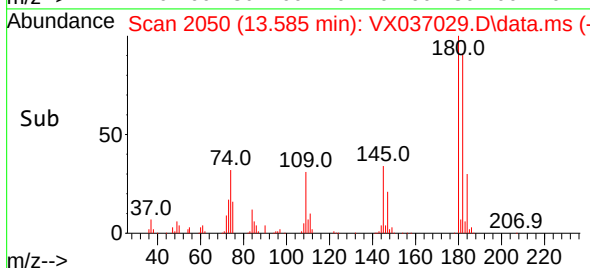
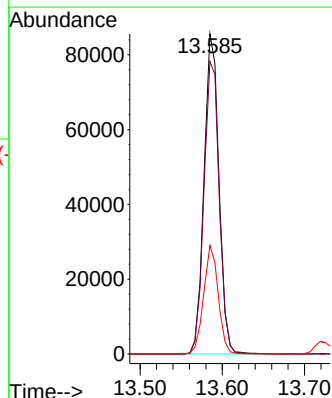
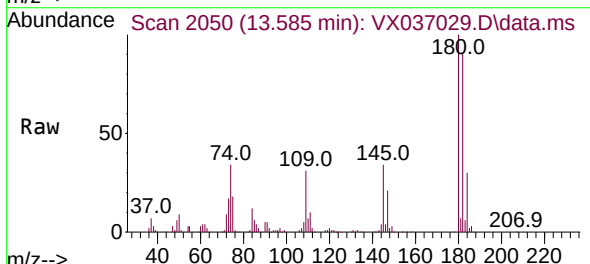
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20230815MS

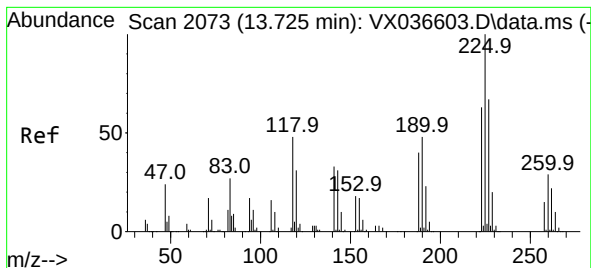
Tgt Ion: 75 Resp: 36058  
Ion Ratio Lower Upper  
75 100  
155 82.0 36.1 108.5  
157 105.1 44.9 134.7



#93  
1,2,4-Trichlorobenzene  
Concen: 52.676 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX037029.D  
Acq: 16 Aug 2023 20:12

Tgt Ion:180 Resp: 107763  
Ion Ratio Lower Upper  
180 100  
182 93.8 48.3 144.8  
145 33.2 18.0 54.0





#94

Hexachlorobutadiene

Concen: 48.445 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037029.D

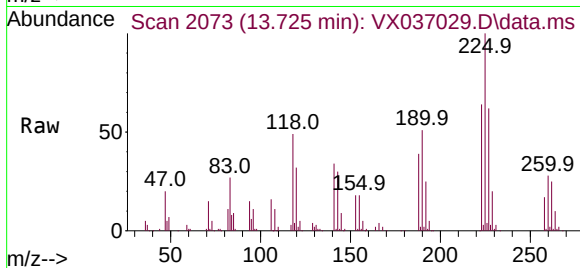
Acq: 16 Aug 2023 20:12

Instrument :

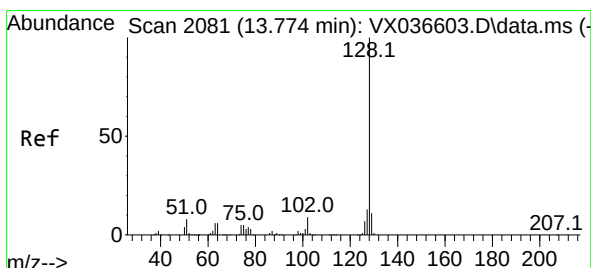
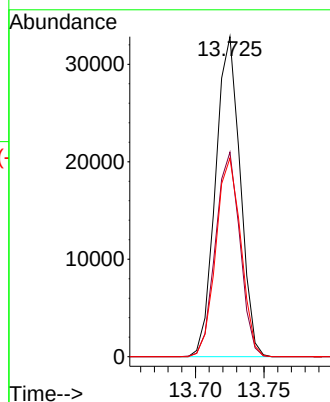
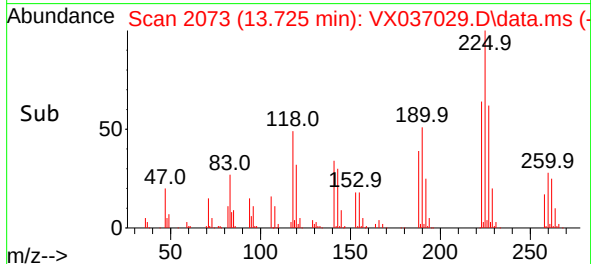
MSVOA\_X

ClientSampleId :

RE114D1-20230815MS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 41002 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.2  | 31.1  | 93.2  |
| 227       | 62.9  | 32.5  | 97.5  |



#95

Naphthalene

Concen: 58.926 ug/l

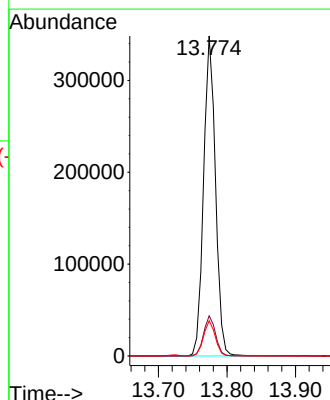
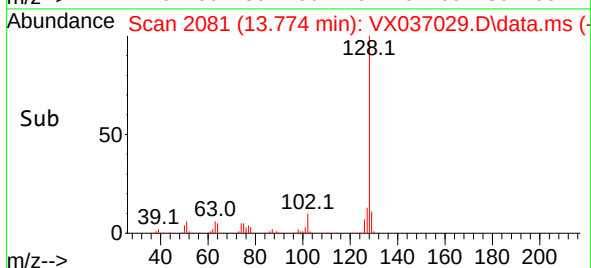
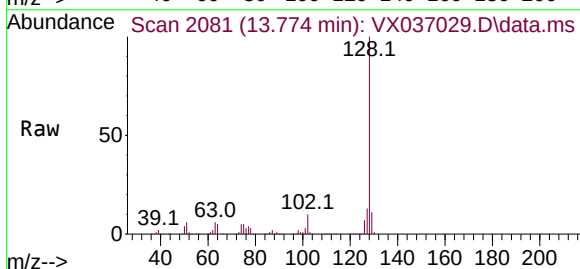
RT: 13.774 min Scan# 2081

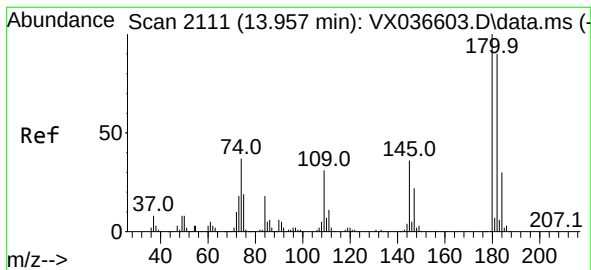
Delta R.T. 0.000 min

Lab File: VX037029.D

Acq: 16 Aug 2023 20:12

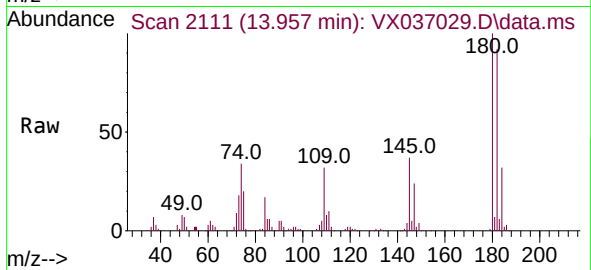
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 420085 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.6  | 10.3  | 15.5   |
| 129       | 10.9  | 8.8   | 13.2   |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 54.096 ug/l  
 RT: 13.957 min Scan# 2111  
 Delta R.T. 0.000 min  
 Lab File: VX037029.D  
 Acq: 16 Aug 2023 20:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE114D1-20230815MS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 109075 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.2  | 46.9  | 140.6  |
| 145       | 35.4  | 17.8  | 53.5   |

