

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111023\  
 Data File : VX038744.D  
 Acq On : 10 Nov 2023 21:10  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 11 02:01:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|------------------------------|----------------|------|------------|---------|-------|----------|
| -----                        |                |      |            |         |       |          |
| Internal Standards           |                |      |            |         |       |          |
| 1) Pentafluorobenzene        | 5.556          | 168  | 307634     | 50.000  | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 476115     | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 461314     | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 268040     | 50.000  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 182374     | 47.618  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 95.240% |       |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 166961     | 48.689  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 97.380% |       |          |
| 50) Toluene-d8               | 8.647          | 98   | 584348     | 47.621  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 95.240% |       |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 235726     | 49.548  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 99.100% |       |          |
| Target Compounds             |                |      |            |         |       |          |
|                              |                |      |            |         |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 154836     | 48.466  | ug/l  | 97       |
| 3) Chloromethane             | 1.295          | 50   | 123659     | 44.783  | ug/l  | 97       |
| 4) Vinyl Chloride            | 1.374          | 62   | 139913     | 47.596  | ug/l  | 99       |
| 5) Bromomethane              | 1.599          | 94   | 101212     | 44.608  | ug/l  | 100      |
| 6) Chloroethane              | 1.685          | 64   | 89747      | 48.218  | ug/l  | 100      |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 256836     | 50.679  | ug/l  | 100      |
| 8) Diethyl Ether             | 2.136          | 74   | 86889      | 49.944  | ug/l  | 72       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 145023     | 48.397  | ug/l  | 88       |
| 10) Methyl Iodide            | 2.453          | 142  | 206230     | 55.726  | ug/l  | 91       |
| 11) Tert butyl alcohol       | 2.959          | 59   | 209973     | 268.185 | ug/l  | # 93     |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 140457     | 48.923  | ug/l  | # 78     |
| 13) Acrolein                 | 2.233          | 56   | 148243     | 249.816 | ug/l  | 99       |
| 14) Allyl chloride           | 2.660          | 41   | 190175     | 46.247  | ug/l  | # 93     |
| 15) Acrylonitrile            | 3.062          | 53   | 419530     | 253.903 | ug/l  | 99       |
| 16) Acetone                  | 2.380          | 43   | 366634     | 227.303 | ug/l  | # 87     |
| 17) Carbon Disulfide         | 2.514          | 76   | 339552     | 44.511  | ug/l  | 98       |
| 18) Methyl Acetate           | 2.703          | 43   | 345237     | 50.239  | ug/l  | # 86     |
| 19) Methyl tert-butyl Ether  | 3.111          | 73   | 466301     | 50.790  | ug/l  | 96       |
| 20) Methylene Chloride       | 2.788          | 84   | 156789     | 48.220  | ug/l  | # 80     |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 152936     | 48.930  | ug/l  | 84       |
| 22) Diisopropyl ether        | 3.757          | 45   | 383281     | 49.454  | ug/l  | # 92     |
| 23) Vinyl Acetate            | 3.721          | 43   | 1364422    | 248.031 | ug/l  | # 91     |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 249267     | 48.613  | ug/l  | 96       |
| 25) 2-Butanone               | 4.550          | 43   | 570696     | 244.242 | ug/l  | # 85     |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 190145     | 42.471  | ug/l  | 93       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 180761     | 50.082  | ug/l  | 82       |
| 28) Bromochloromethane       | 4.898          | 49   | 113071     | 49.069  | ug/l  | # 53     |
| 29) Tetrahydrofuran          | 5.001          | 42   | 362927     | 249.646 | ug/l  | # 80     |
| 30) Chloroform               | 5.093          | 83   | 290249     | 48.244  | ug/l  | 97       |
| 31) Cyclohexane              | 5.477          | 56   | 194117     | 45.796  | ug/l  | 86       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 262638     | 49.605  | ug/l  | 95       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 200858     | 47.154  | ug/l  | 94       |
| 37) Ethyl Acetate            | 4.715          | 43   | 210391     | 48.377  | ug/l  | # 92     |
| 38) Carbon Tetrachloride     | 5.678          | 117  | 236380     | 49.639  | ug/l  | 98       |
| 39) Methylcyclohexane        | 7.379          | 83   | 240946     | 45.242  | ug/l  | 89       |
| 40) Benzene                  | 6.038          | 78   | 586653     | 47.816  | ug/l  | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 11 02:01:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 111893   | 50.501   | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 217430   | 49.115   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 325272   | 48.649   | ug/l # | 91       |
| 44) Trichloroethene           | 7.123  | 130  | 187198   | 49.038   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 144185   | 48.614   | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 123233   | 49.684   | ug/l # | 86       |
| 47) Bromodichloromethane      | 7.824  | 83   | 226842   | 48.630   | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.690  | 41   | 159218   | 49.413   | ug/l # | 83       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 80199    | 1093.319 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1091900  | 250.652  | ug/l   | 91       |
| 52) Toluene                   | 8.720  | 92   | 395363   | 49.192   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 234087   | 49.291   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 248021   | 49.471   | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 173128   | 50.768   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 250427   | 52.487   | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 264867   | 49.867   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 590402   | 251.678  | ug/l # | 89       |
| 59) 2-Hexanone                | 9.427  | 43   | 874192   | 248.012  | ug/l   | 88       |
| 60) Dibromochloromethane      | 9.519  | 129  | 195162   | 50.981   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 192672   | 50.272   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 163280   | 47.285   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 459971   | 48.981   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 179124   | 50.740   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 772951   | 48.660   | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 615476   | 97.625   | ug/l   | 96       |
| 69) o-Xylene                  | 10.640 | 106  | 305416   | 49.816   | ug/l   | 95       |
| 70) Styrene                   | 10.653 | 104  | 513468   | 50.746   | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 160129   | 51.390   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.964 | 105  | 796626   | 48.444   | ug/l   | 97       |
| 74) N-amyl acetate            | 10.842 | 43   | 280864   | 49.157   | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 275119   | 48.395   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 303589   | 57.189   | ug/l   | 91       |
| 77) Bromobenzene              | 11.195 | 156  | 218564   | 48.429   | ug/l   | 82       |
| 78) n-propylbenzene           | 11.305 | 91   | 914119   | 47.770   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 548976   | 47.918   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 698615   | 49.363   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 78270    | 46.484   | ug/l   | 85       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 647016   | 48.342   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 702383   | 48.979   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 692681   | 49.347   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 854600   | 47.759   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 742600   | 48.716   | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 408449   | 47.337   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 417377   | 47.061   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329 | 91   | 634625   | 46.784   | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 126464   | 48.978   | ug/l   | 75       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 406317   | 48.218   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 71521    | 50.057   | ug/l   | 64       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 287953   | 47.776   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 119613   | 45.992   | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 914007   | 50.274   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 281306   | 47.353   | ug/l   | 97       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Nov 11 02:01:20 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 08 03:19:07 2023  
Response via : Initial Calibration

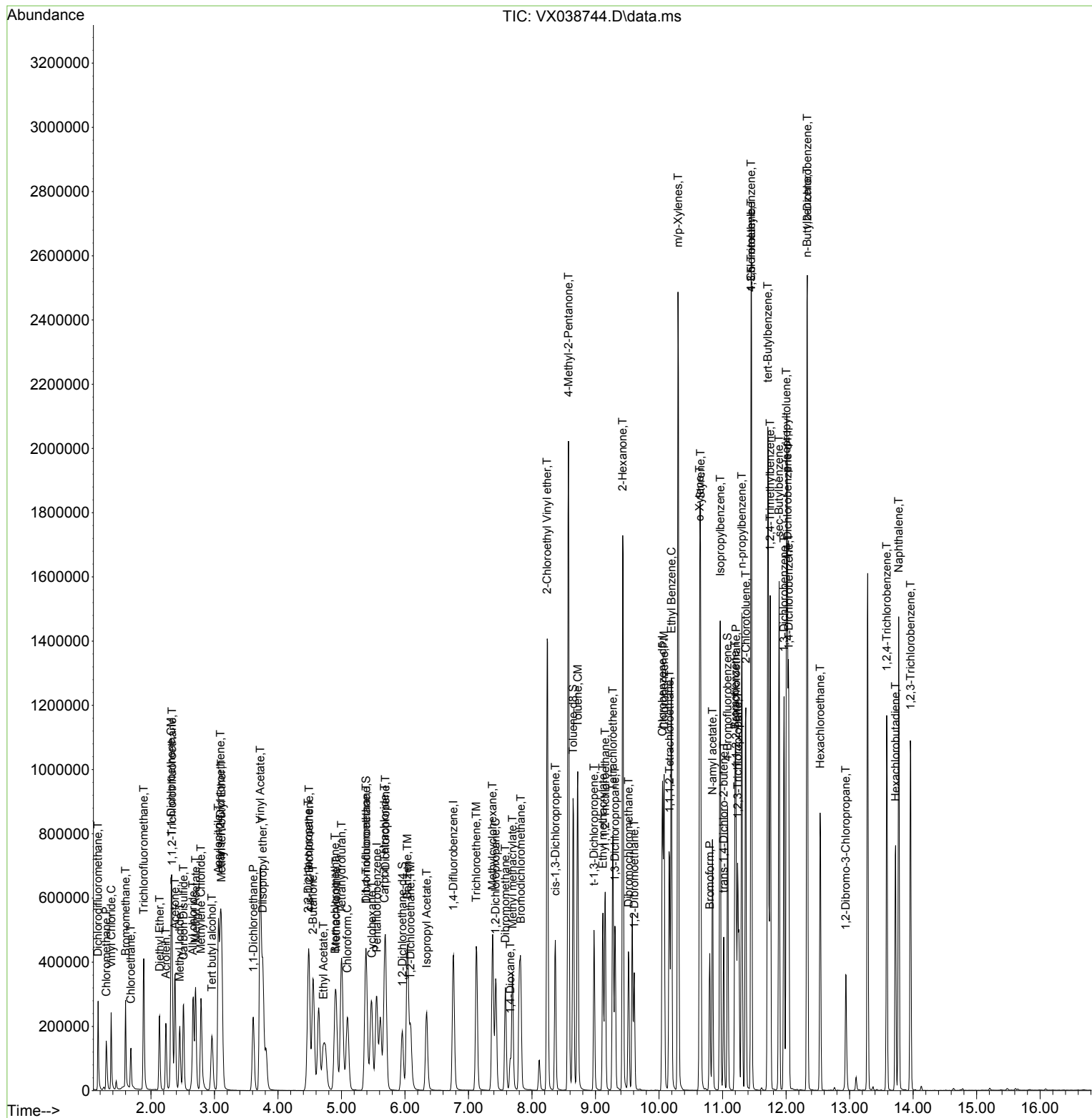
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
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 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

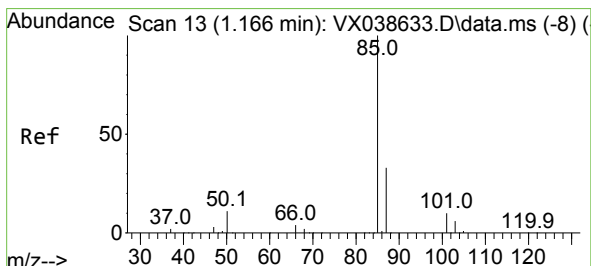
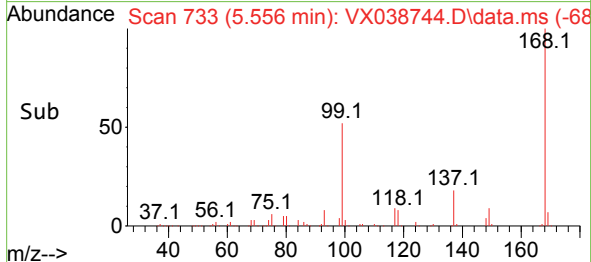
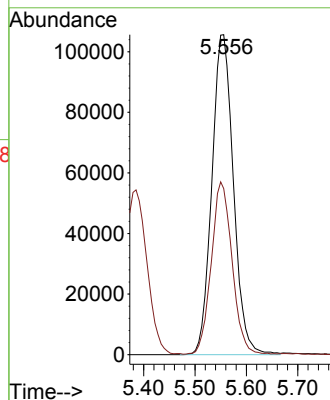
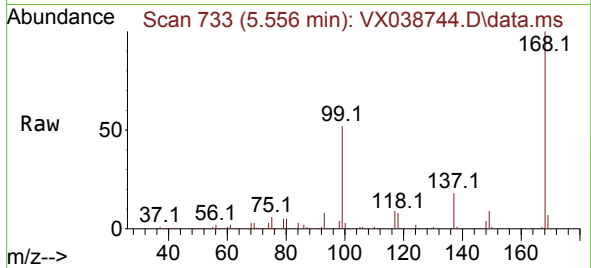




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

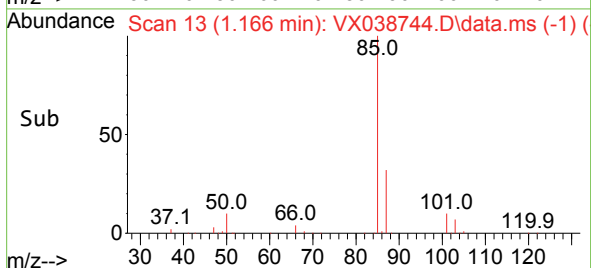
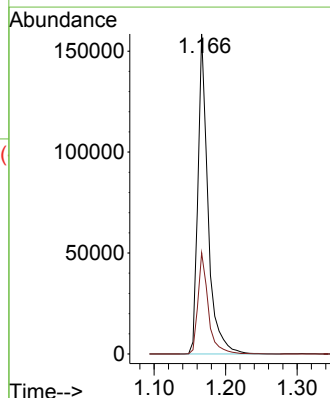
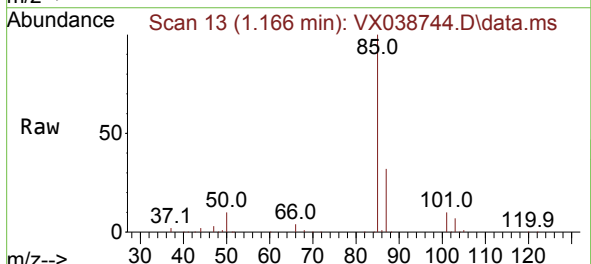
Instrument : MSVOA\_X  
ClientSampleId :

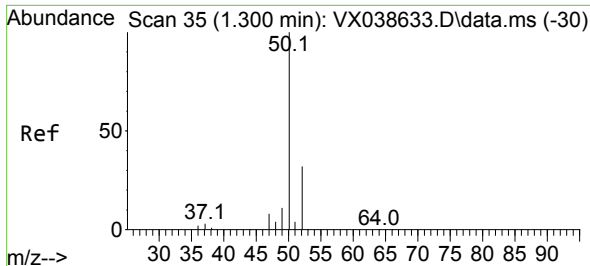
Tgt Ion:168 Resp: 307634  
Ion Ratio Lower Upper  
168 100  
99 51.6 56.6 85.0#



#2  
Dichlorodifluoromethane  
Concen: 48.466 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 85 Resp: 154836  
Ion Ratio Lower Upper  
85 100  
87 31.6 16.7 50.1

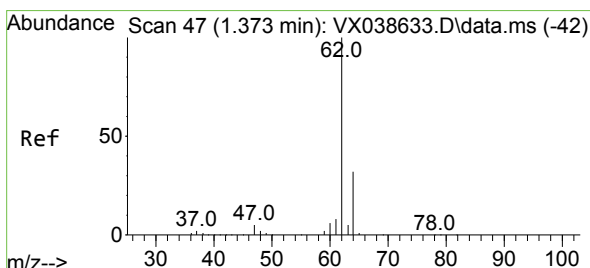
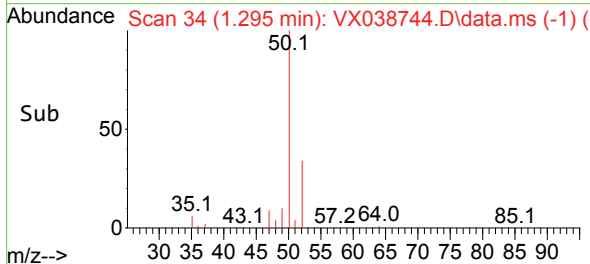
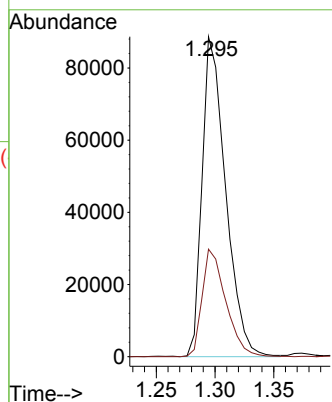
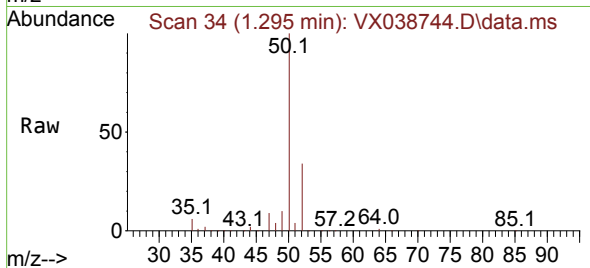




#3  
Chloromethane  
Concen: 44.783 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

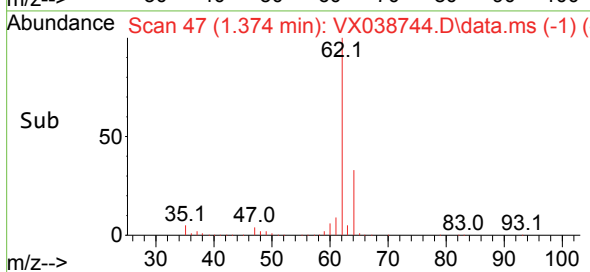
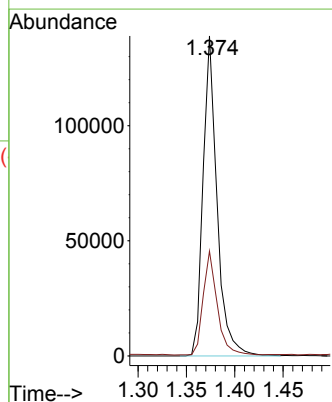
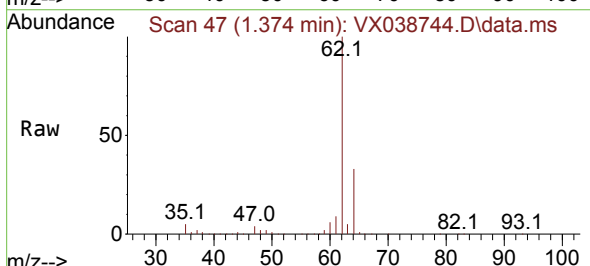
Instrument :  
MSVOA\_X  
ClientSampleId :

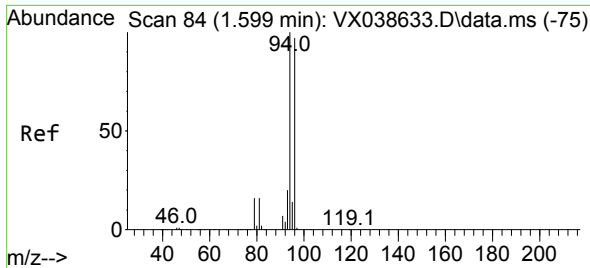
Tgt Ion: 50 Resp: 123659  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.5 38.3



#4  
Vinyl Chloride  
Concen: 47.596 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 62 Resp: 139913  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.4 38.0

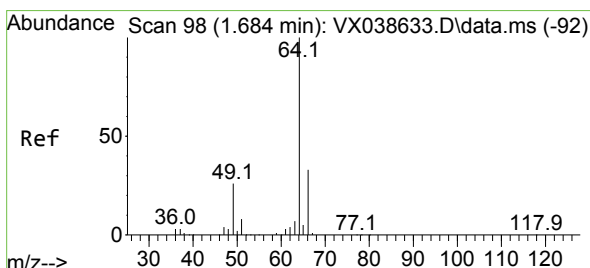
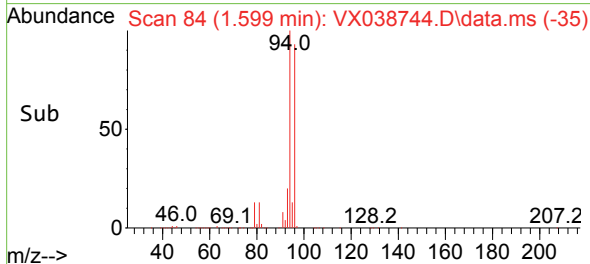
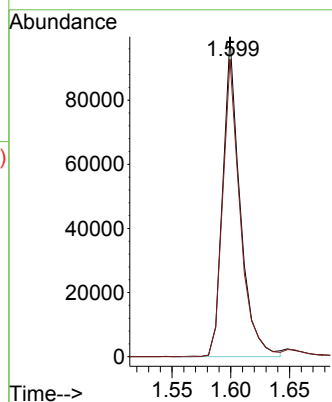
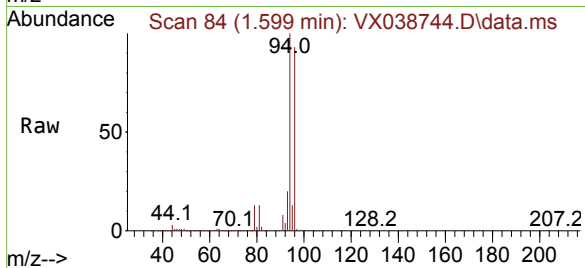




#5  
Bromomethane  
Concen: 44.608 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

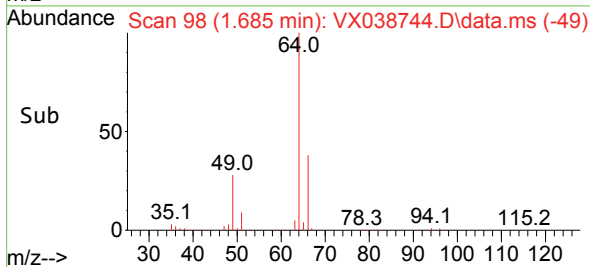
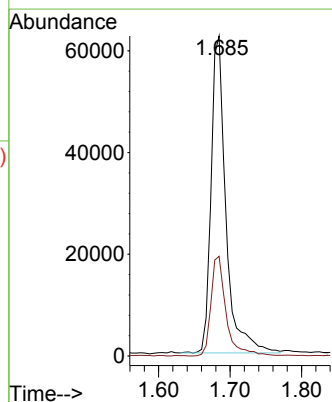
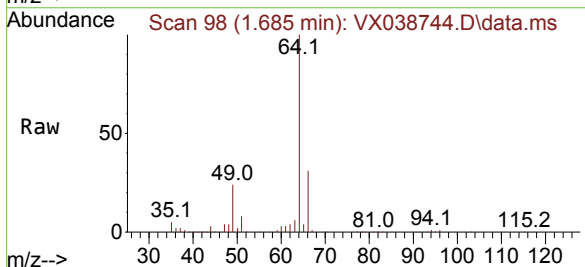
Instrument :  
MSVOA\_X  
ClientSampleId :

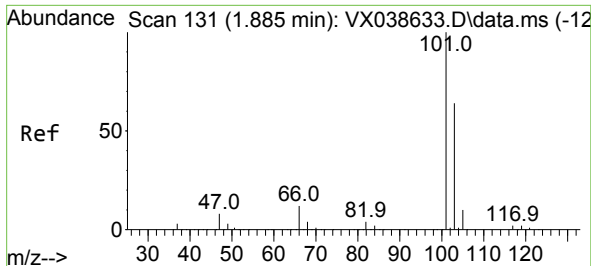
Tgt Ion: 94 Resp: 101212  
Ion Ratio Lower Upper  
94 100  
96 93.0 74.6 111.8



#6  
Chloroethane  
Concen: 48.218 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 64 Resp: 89747  
Ion Ratio Lower Upper  
64 100  
66 31.3 25.1 37.7

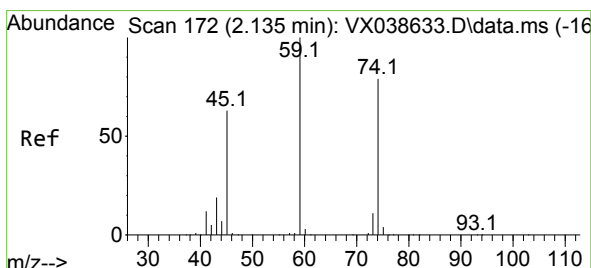
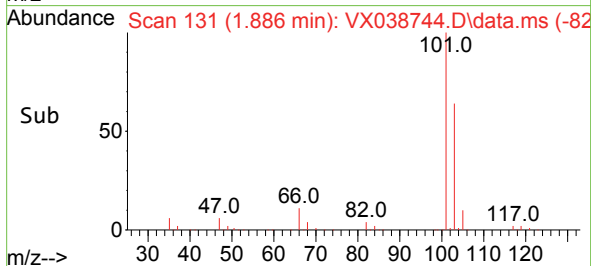
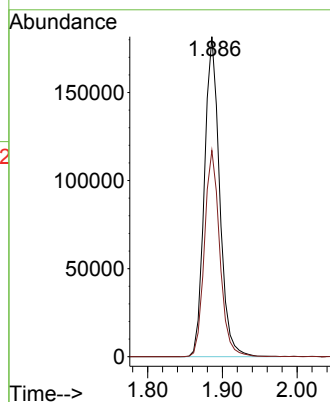
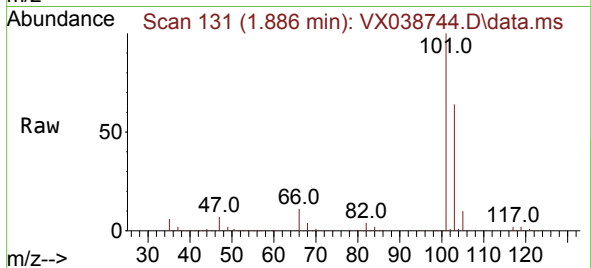




#7  
Trichlorofluoromethane  
Concen: 50.679 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

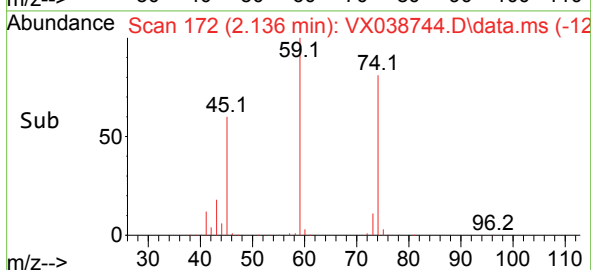
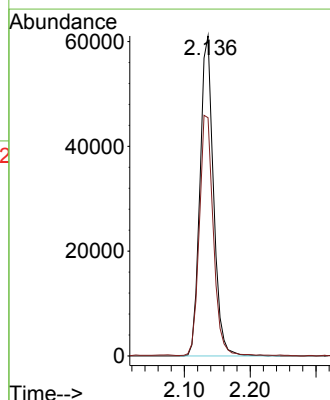
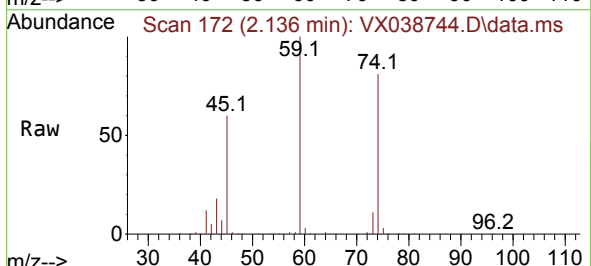
Instrument :  
MSVOA\_X  
ClientSampleId :

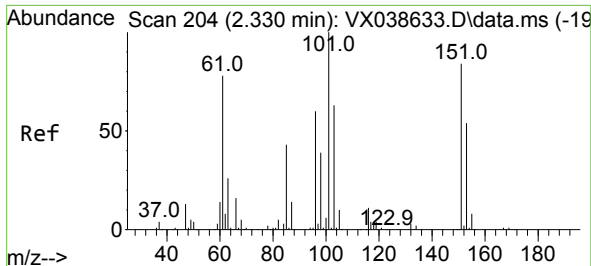
Tgt Ion:101 Resp: 256836  
Ion Ratio Lower Upper  
101 100  
103 64.4 51.4 77.2



#8  
Diethyl Ether  
Concen: 49.944 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 74 Resp: 86889  
Ion Ratio Lower Upper  
74 100  
45 77.8 53.3 159.8

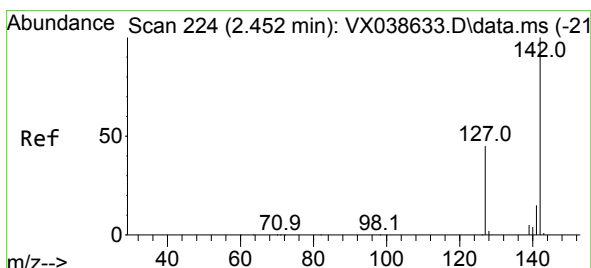
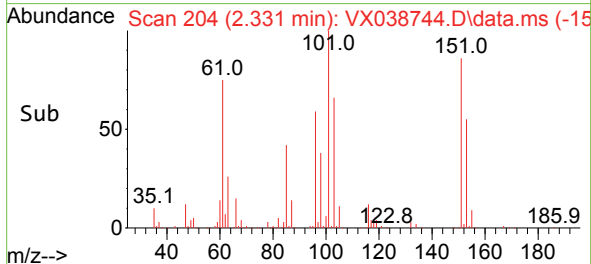
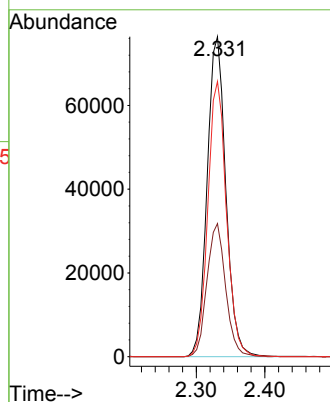
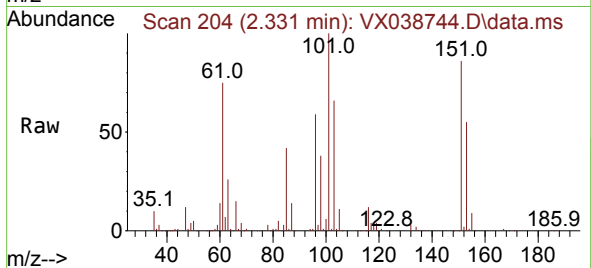




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.397 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

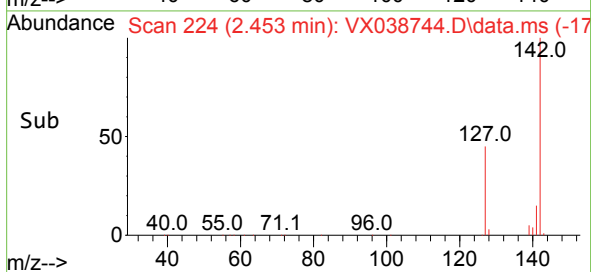
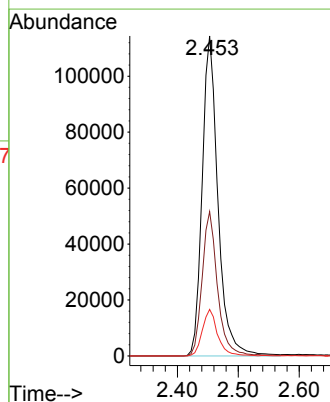
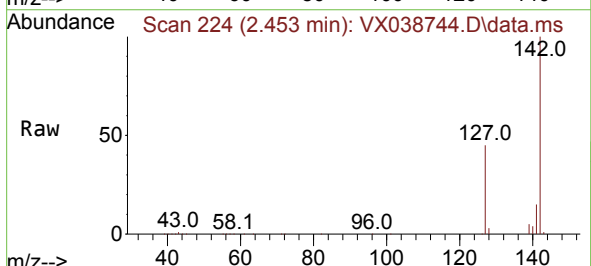
Instrument :  
MSVOA\_X  
ClientSampleId :

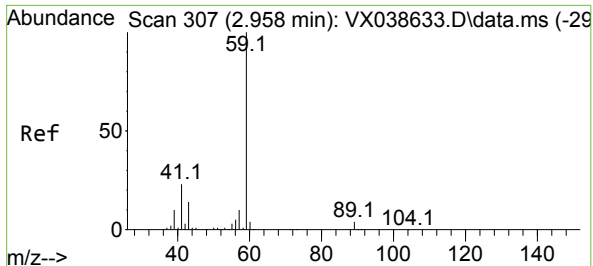
Tgt Ion:101 Resp: 145023  
Ion Ratio Lower Upper  
101 100  
85 41.6 37.0 55.6  
151 85.8 58.6 87.8



#10  
Methyl Iodide  
Concen: 55.726 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion:142 Resp: 206230  
Ion Ratio Lower Upper  
142 100  
127 44.2 41.6 62.4  
141 14.1 11.6 17.4

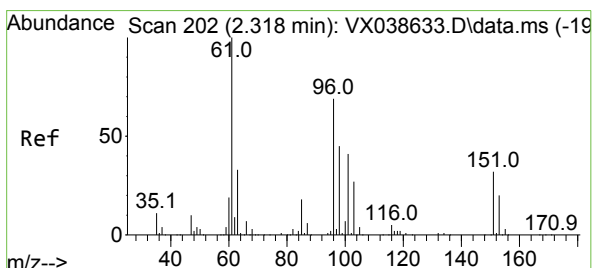
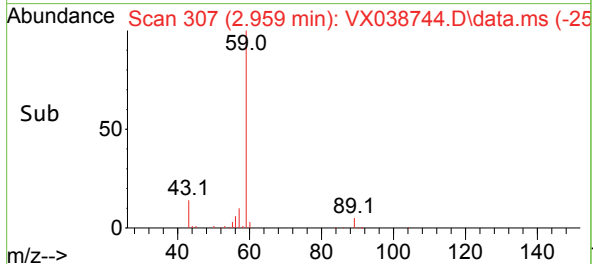
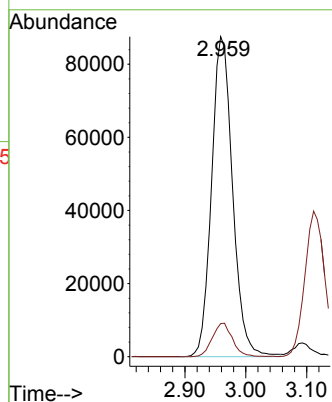
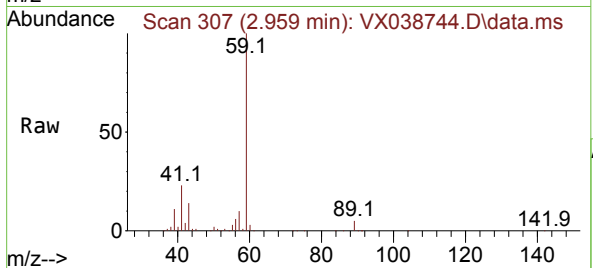




#11  
Tert butyl alcohol  
Concen: 268.185 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

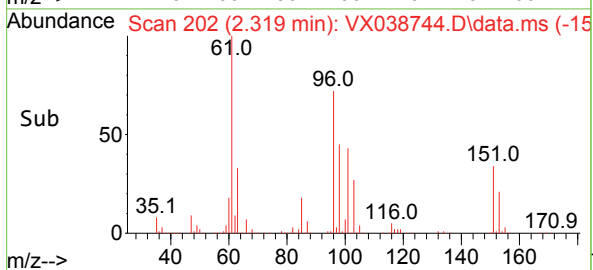
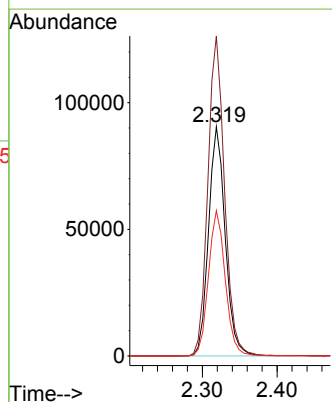
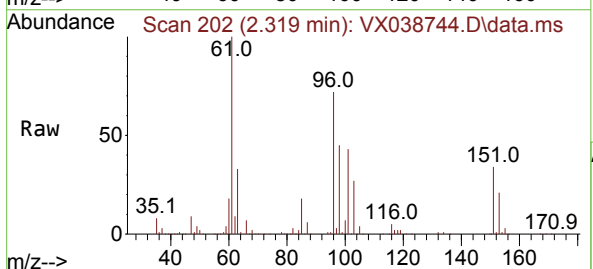
Instrument :  
MSVOA\_X  
ClientSampleId :

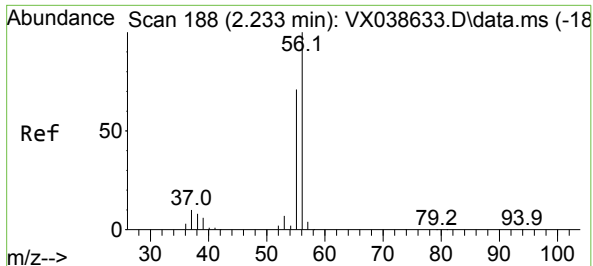
Tgt Ion: 59 Resp: 209973  
Ion Ratio Lower Upper  
59 100  
57 10.1 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 48.923 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 96 Resp: 140457  
Ion Ratio Lower Upper  
96 100  
61 139.7 144.6 216.8#  
98 63.4 50.4 75.6





#13

Acrolein

Concen: 249.816 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

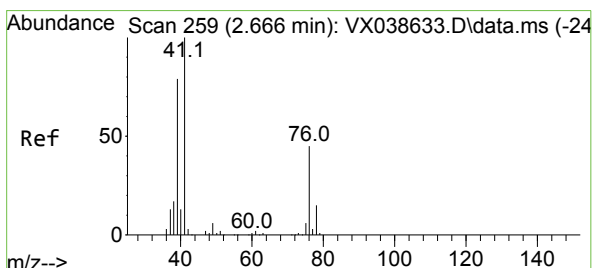
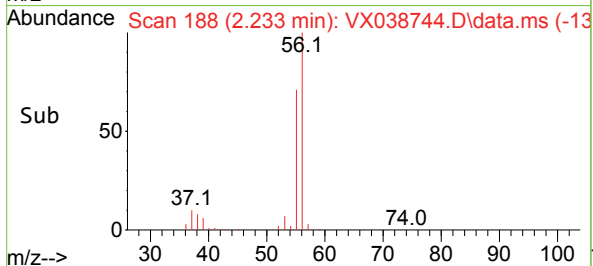
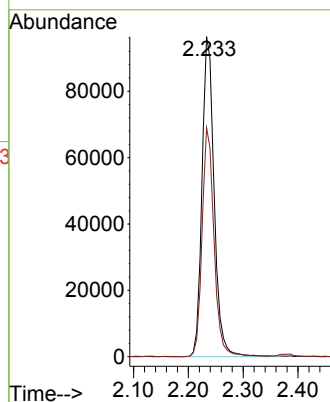
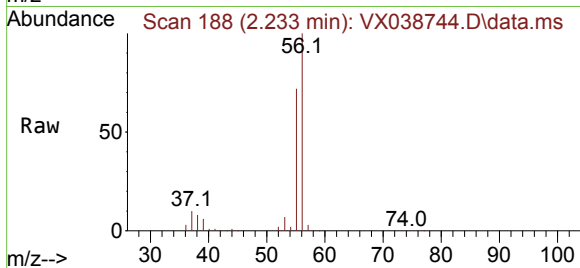
ClientSampleId :

Tgt Ion: 56 Resp: 148243

Ion Ratio Lower Upper

56 100

55 70.6 57.1 85.7



#14

Allyl chloride

Concen: 46.247 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

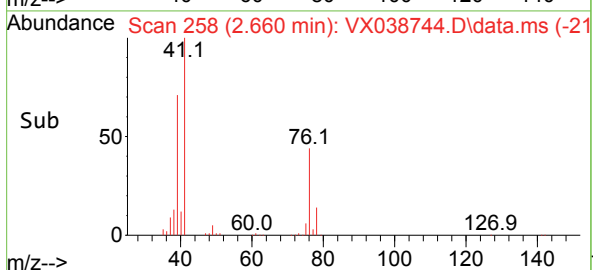
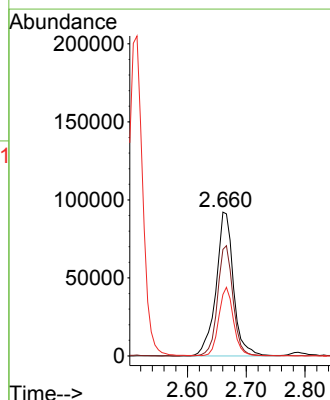
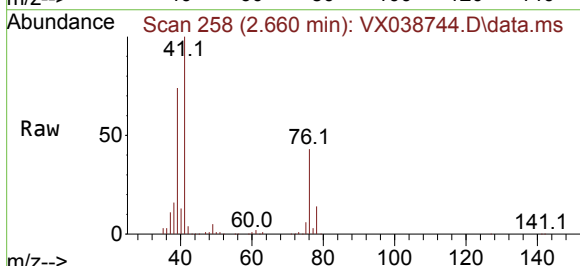
Tgt Ion: 41 Resp: 190175

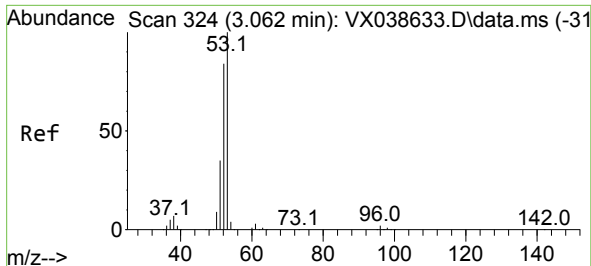
Ion Ratio Lower Upper

41 100

39 68.0 55.8 83.6

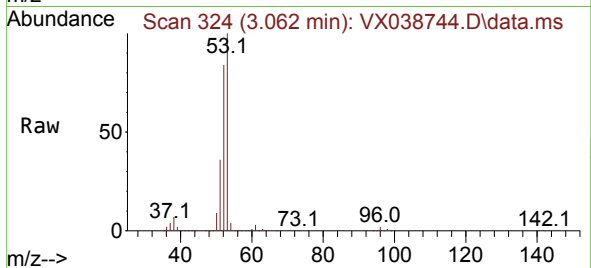
76 39.9 24.3 36.5#



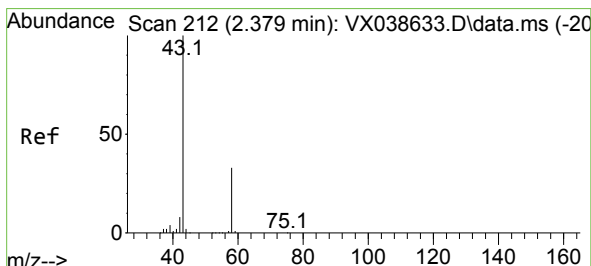
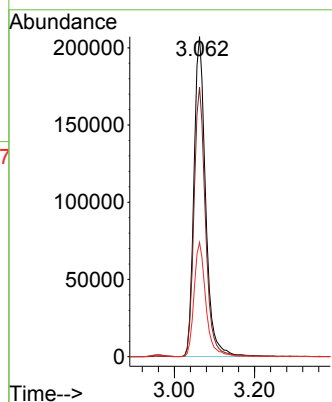
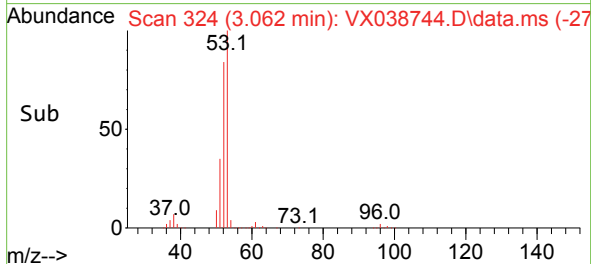


#15  
Acrylonitrile  
Concen: 253.903 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Instrument :  
MSVOA\_X  
ClientSampleId :

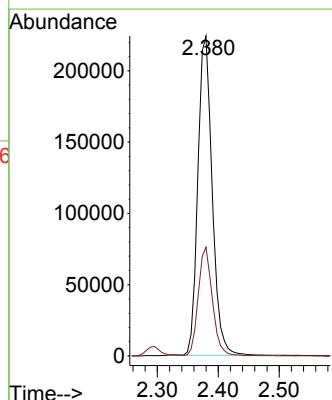
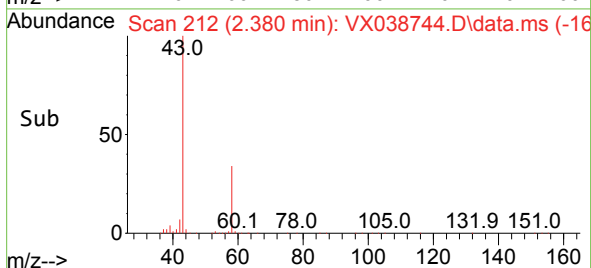
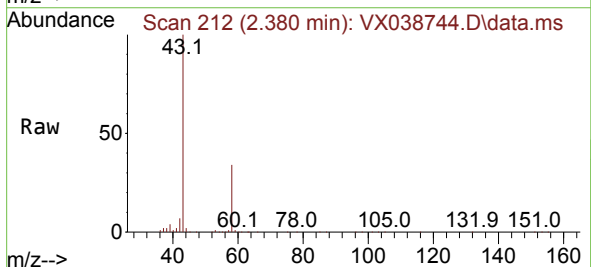


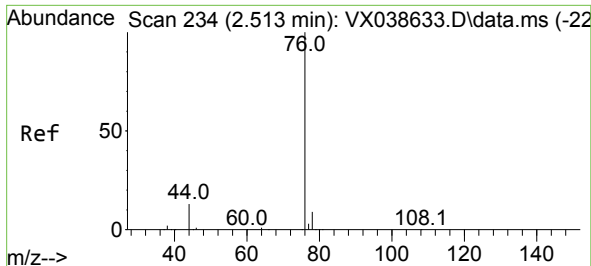
Tgt Ion: 53 Resp: 419530  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.0 99.0  
51 36.0 29.8 44.6



#16  
Acetone  
Concen: 227.303 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 43 Resp: 366634  
Ion Ratio Lower Upper  
43 100  
58 34.0 21.9 32.9#

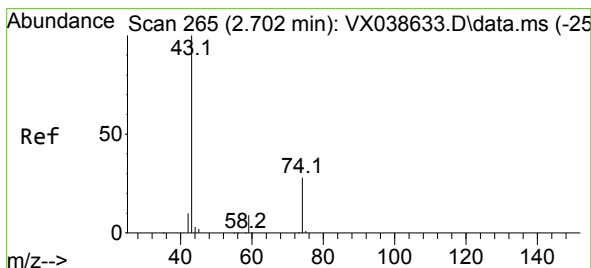
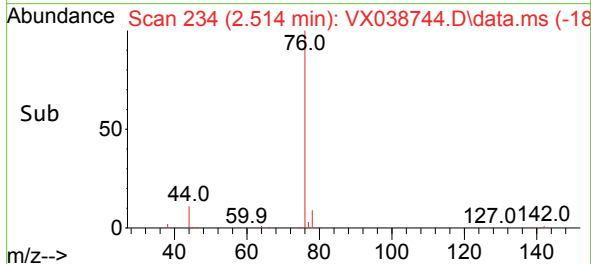
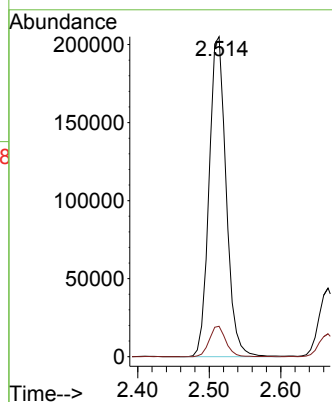
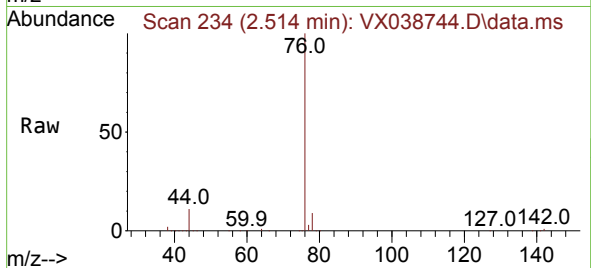




#17  
Carbon Disulfide  
Concen: 44.511 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

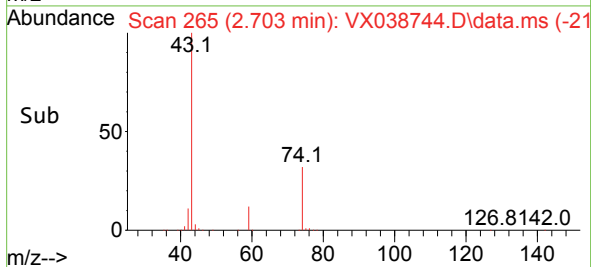
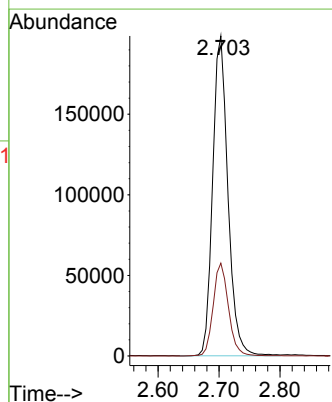
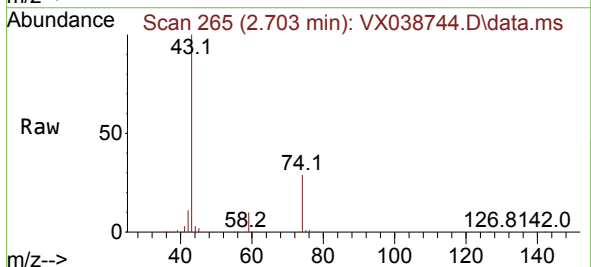
Instrument :  
MSVOA\_X  
ClientSampleId :

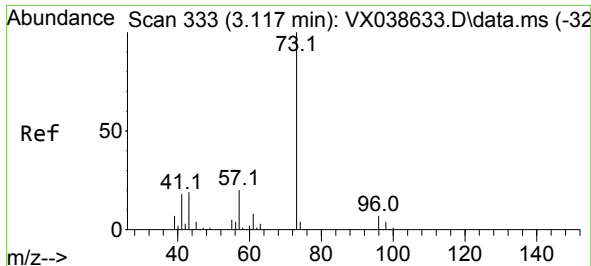
Tgt Ion: 76 Resp: 339552  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.0 10.6



#18  
Methyl Acetate  
Concen: 50.239 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 43 Resp: 345237  
Ion Ratio Lower Upper  
43 100  
74 29.2 17.8 26.8#

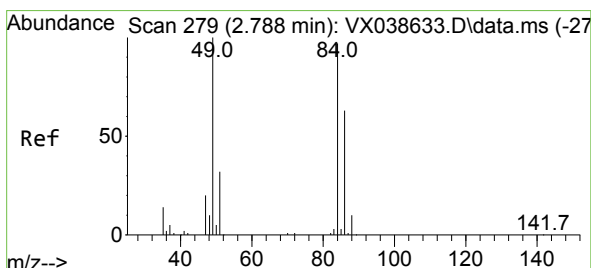
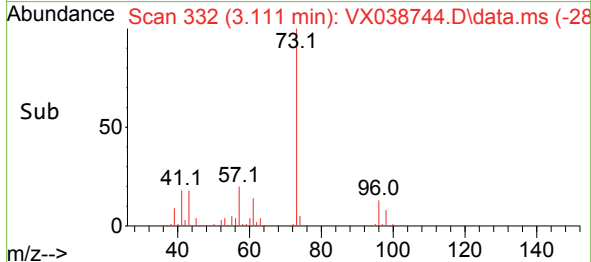
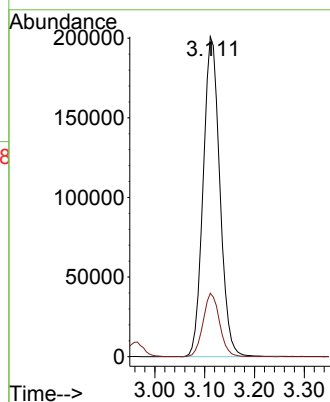
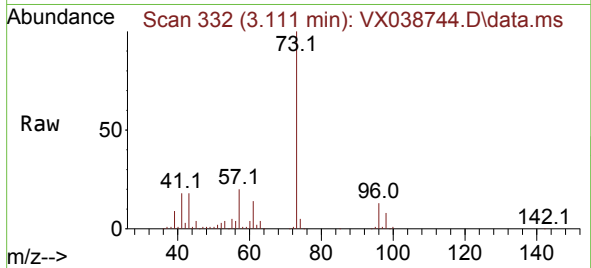




#19  
Methyl tert-butyl Ether  
Concen: 50.790 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

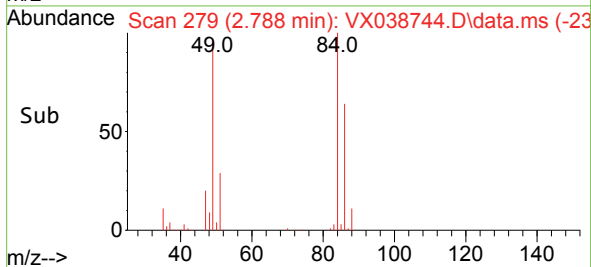
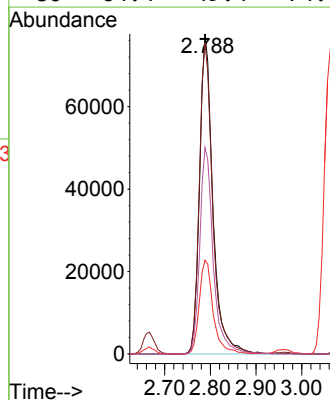
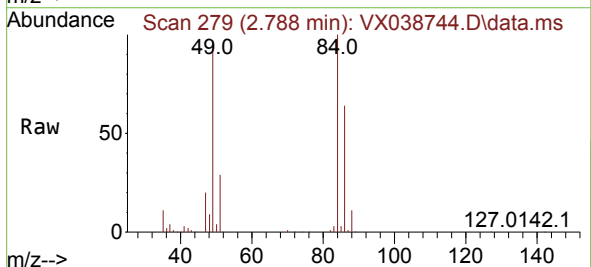
Instrument :  
MSVOA\_X  
ClientSampleId :

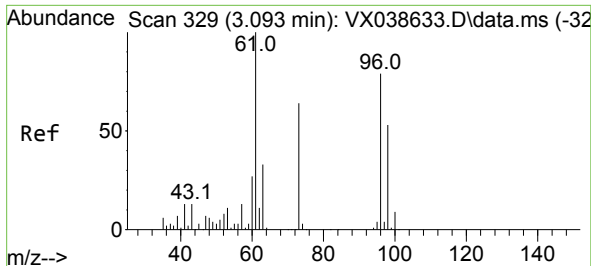
Tgt Ion: 73 Resp: 466301  
Ion Ratio Lower Upper  
73 100  
57 19.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 48.220 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 84 Resp: 156789  
Ion Ratio Lower Upper  
84 100  
49 97.1 103.6 155.4#  
51 29.3 33.8 50.6#  
86 64.4 49.4 74.0

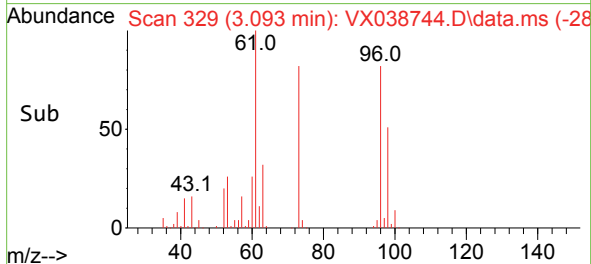
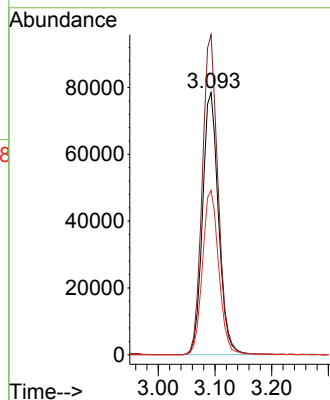
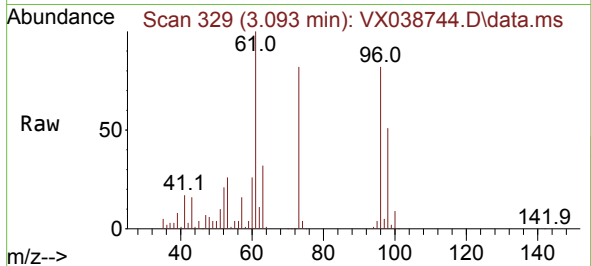




#21  
trans-1,2-Dichloroethene  
Concen: 48.930 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

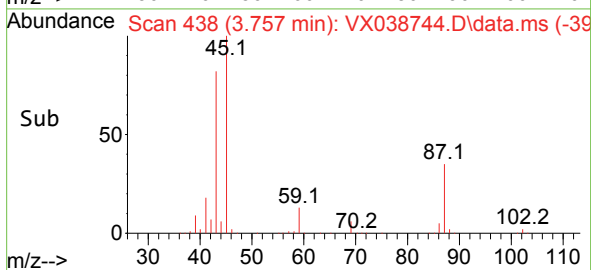
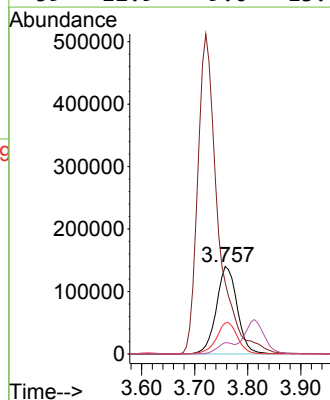
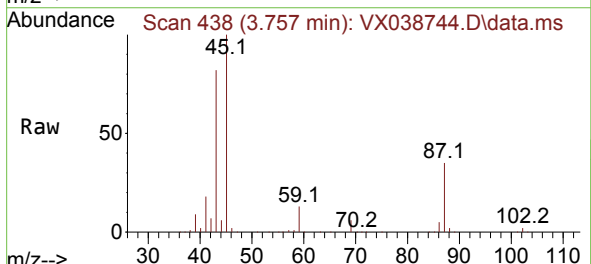
Instrument :  
MSVOA\_X  
ClientSampleId :

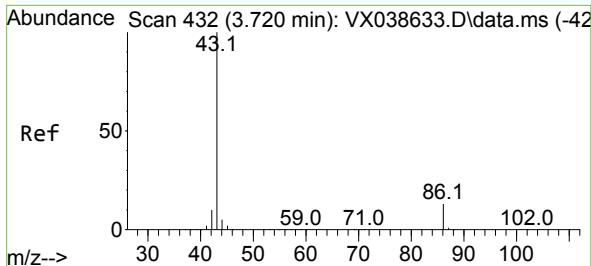
Tgt Ion: 96 Resp: 152936  
Ion Ratio Lower Upper  
96 100  
61 122.1 119.2 178.8  
98 62.7 48.7 73.1



#22  
Diisopropyl ether  
Concen: 49.454 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 45 Resp: 383281  
Ion Ratio Lower Upper  
45 100  
43 81.8 69.7 104.5  
87 35.4 20.8 31.2#  
59 12.9 9.0 13.4

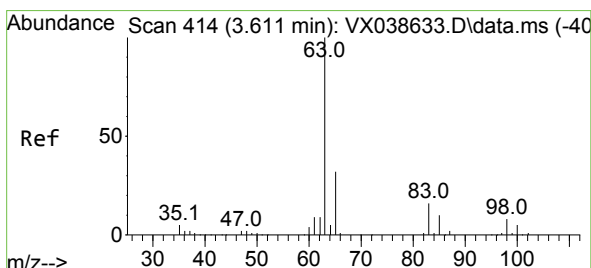
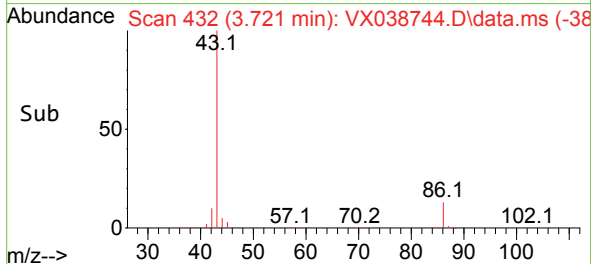
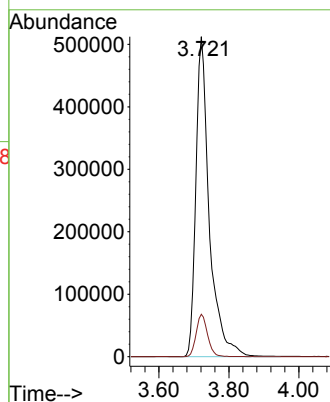
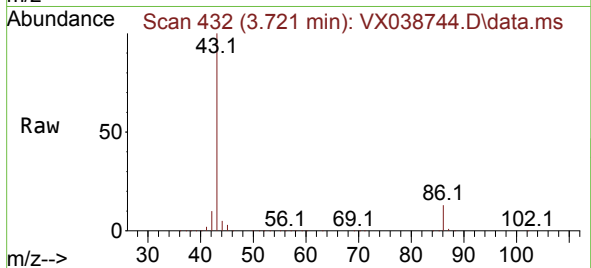




#23  
Vinyl Acetate  
Concen: 248.031 ug/l  
RT: 3.721 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

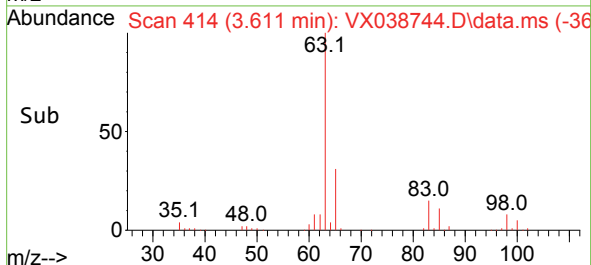
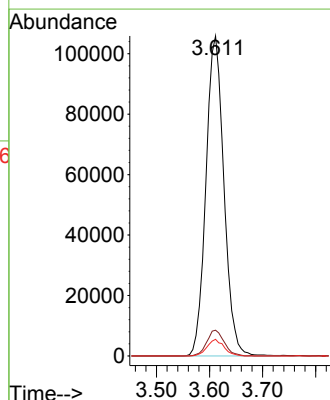
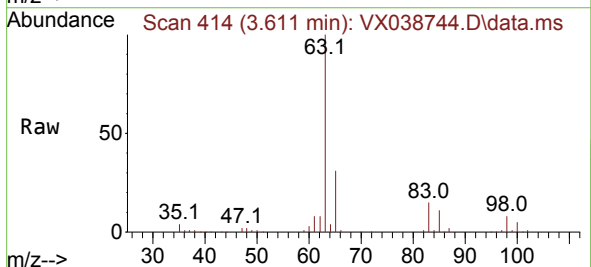
Instrument :  
MSVOA\_X  
ClientSampleId :

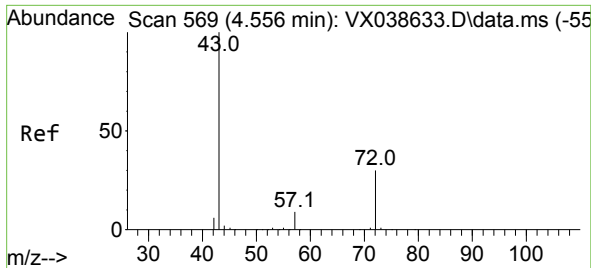
Tgt Ion: 43 Resp: 1364422  
Ion Ratio Lower Upper  
43 100  
86 13.2 7.8 11.8#



#24  
1,1-Dichloroethane  
Concen: 48.613 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 63 Resp: 249267  
Ion Ratio Lower Upper  
63 100  
98 8.1 3.3 9.8  
100 5.2 2.1 6.5

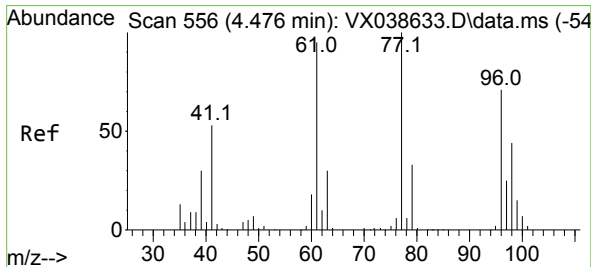
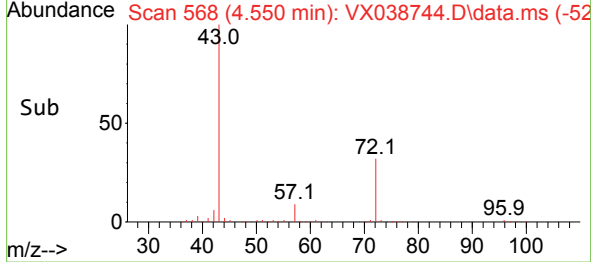
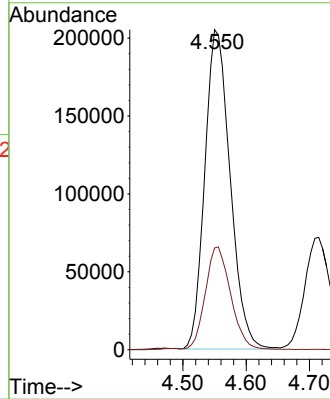
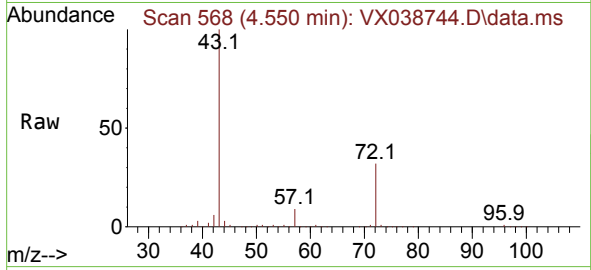




#25  
2-Butanone  
Concen: 244.242 ug/l  
RT: 4.550 min Scan# 569  
Delta R.T. -0.006 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

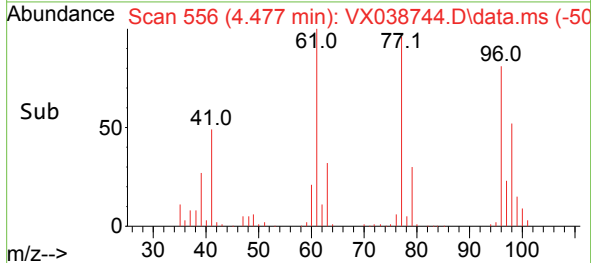
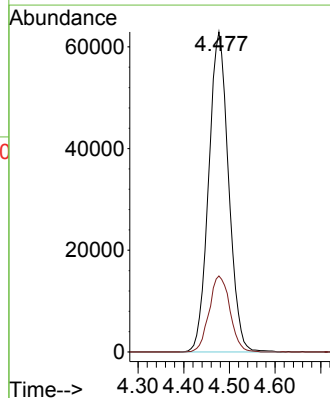
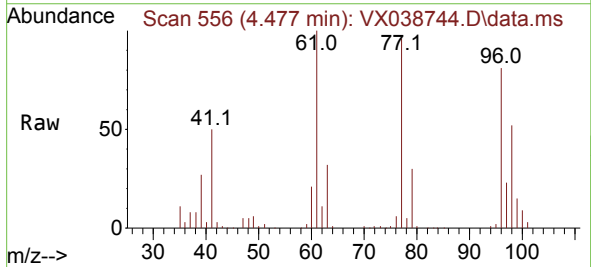
Instrument :  
MSVOA\_X  
ClientSampleId :

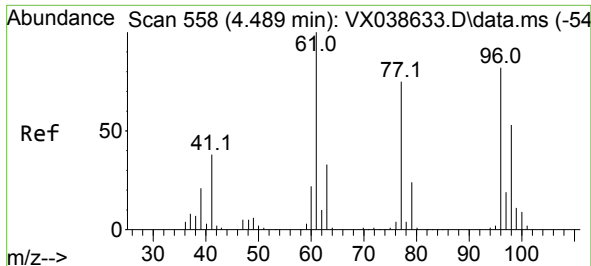
Tgt Ion: 43 Resp: 570696  
Ion Ratio Lower Upper  
43 100  
72 31.7 19.4 29.2#



#26  
2,2-Dichloropropane  
Concen: 42.471 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 77 Resp: 190145  
Ion Ratio Lower Upper  
77 100  
97 24.8 10.8 32.3

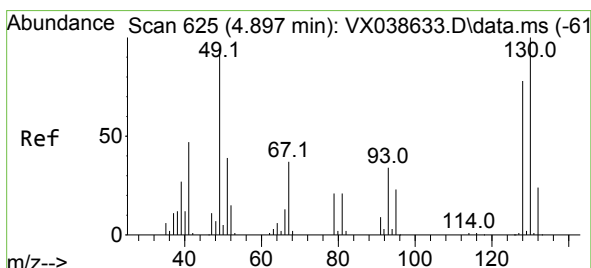
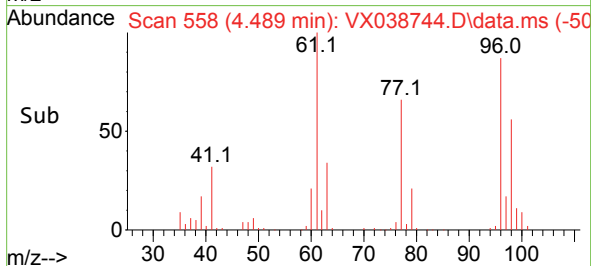
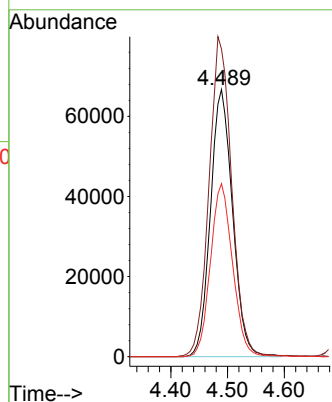
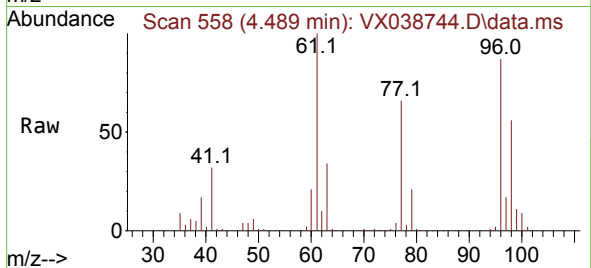




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.082 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX038744.D  
 Acq: 10 Nov 2023 21:10

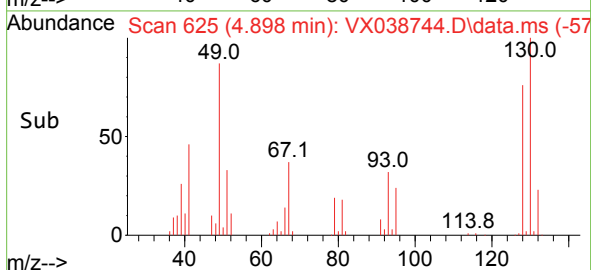
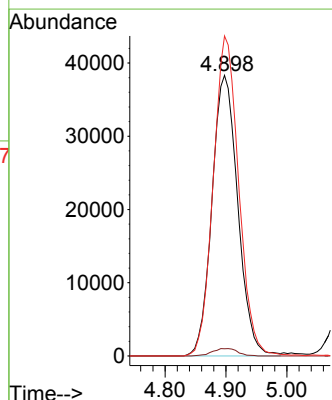
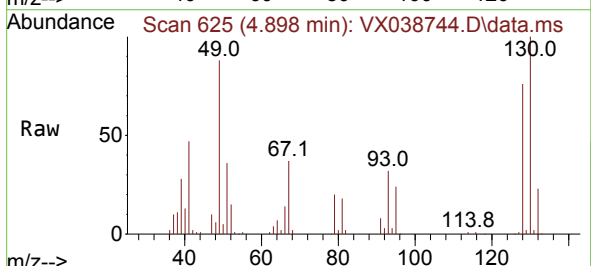
Instrument :  
 MSVOA\_X  
 ClientSampleId :

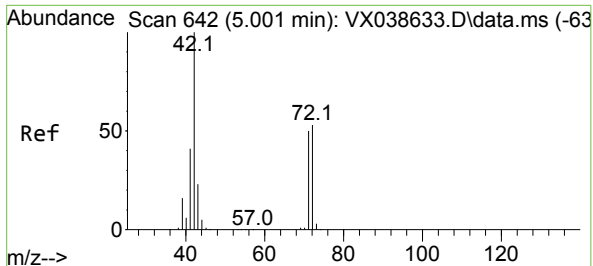
Tgt Ion: 96 Resp: 180761  
 Ion Ratio Lower Upper  
 96 100  
 61 122.7 0.0 312.2  
 98 64.7 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 49.069 ug/l  
 RT: 4.898 min Scan# 625  
 Delta R.T. 0.000 min  
 Lab File: VX038744.D  
 Acq: 10 Nov 2023 21:10

Tgt Ion: 49 Resp: 113071  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 3.8  
 130 112.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 249.646 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :

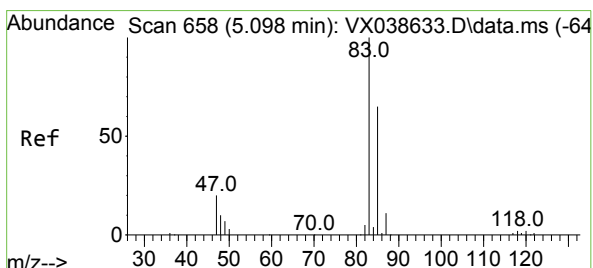
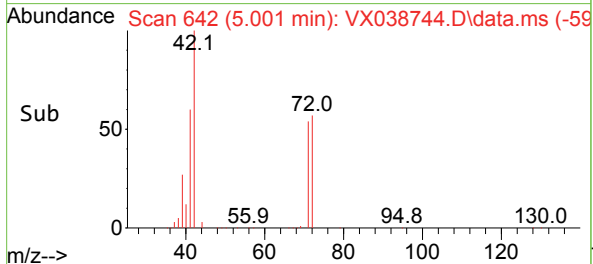
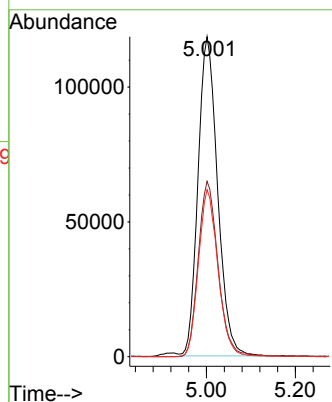
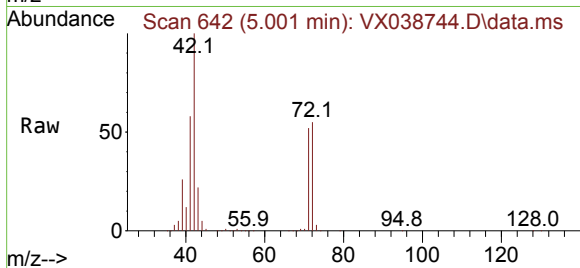
Tgt Ion: 42 Resp: 362927

Ion Ratio Lower Upper

42 100

72 55.7 34.2 51.4#

71 52.3 32.2 48.2#



#30

Chloroform

Concen: 48.244 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX038744.D

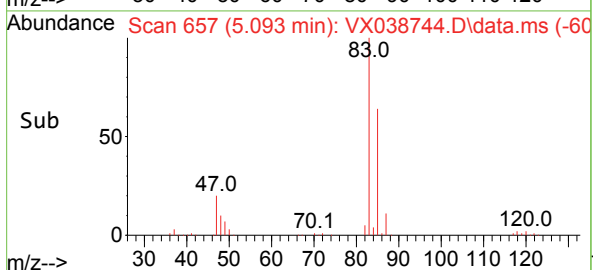
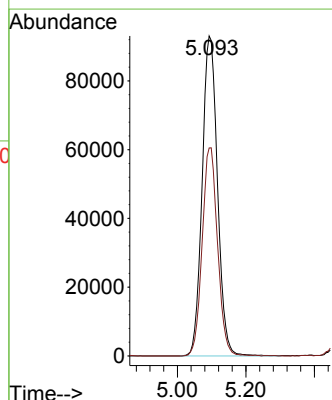
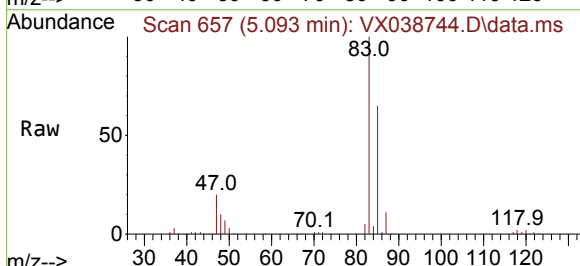
Acq: 10 Nov 2023 21:10

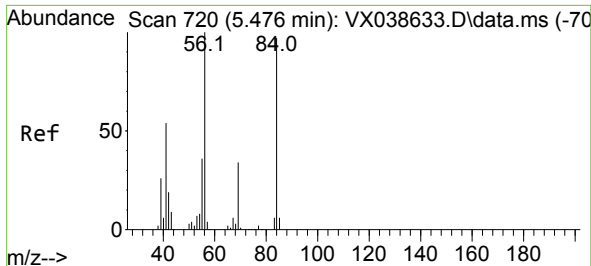
Tgt Ion: 83 Resp: 290249

Ion Ratio Lower Upper

83 100

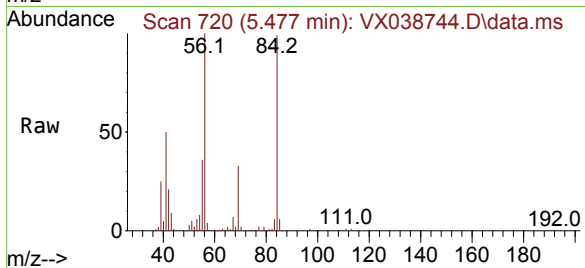
85 65.0 50.3 75.5



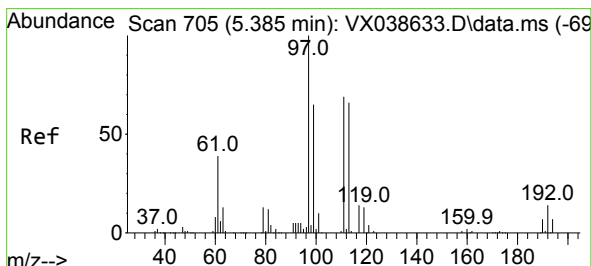
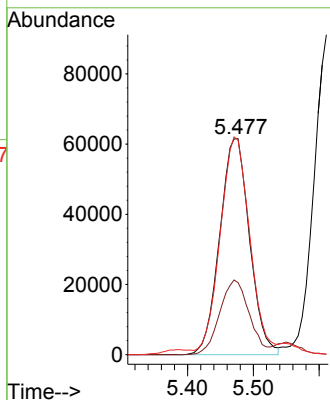
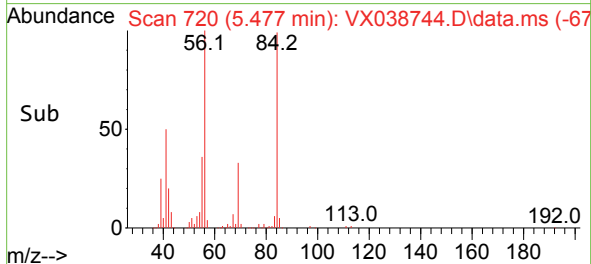


#31  
Cyclohexane  
Concen: 45.796 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Instrument :  
MSVOA\_X  
ClientSampleId :

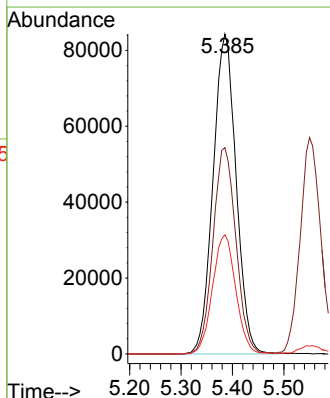
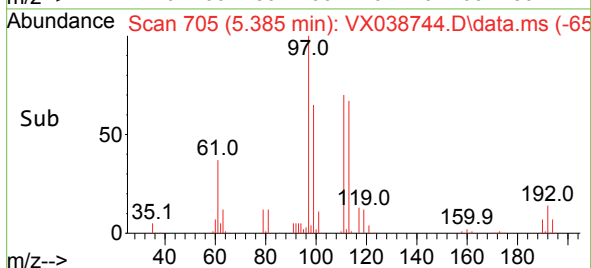
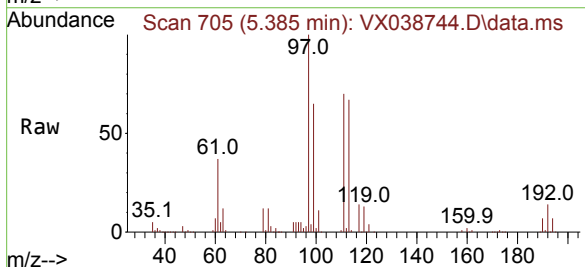


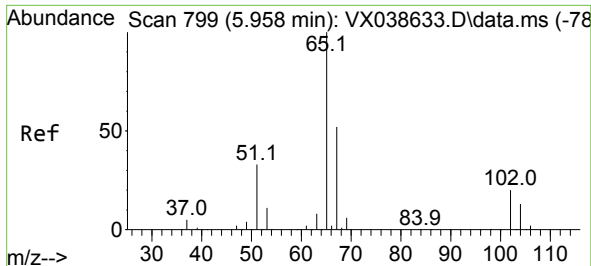
Tgt Ion: 56 Resp: 194117  
Ion Ratio Lower Upper  
56 100  
69 33.4 23.4 35.2  
84 97.1 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 49.605 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 97 Resp: 262638  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.1 76.7  
61 37.6 36.4 54.6

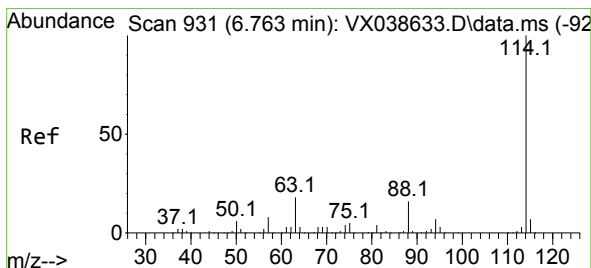
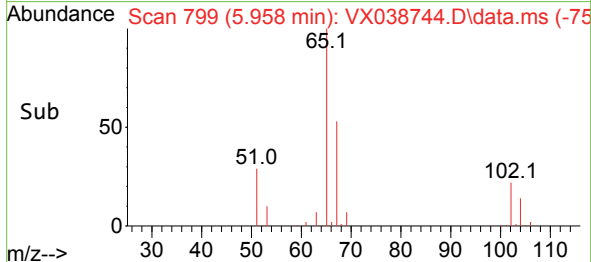
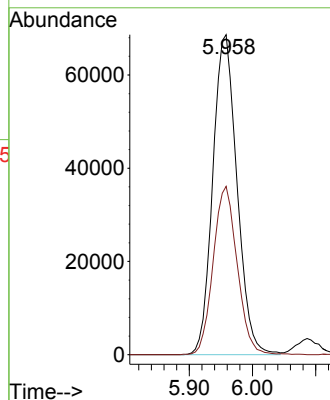
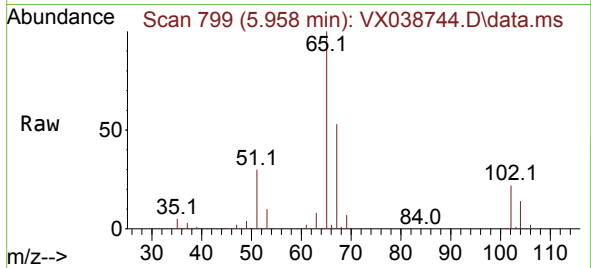




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.618 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX038744.D  
 Acq: 10 Nov 2023 21:10

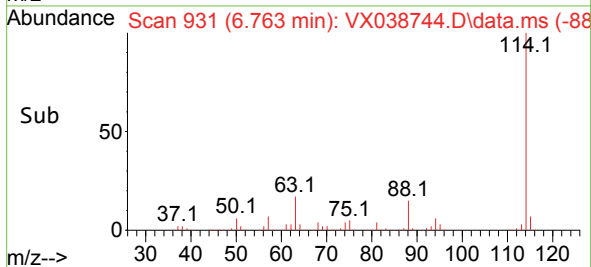
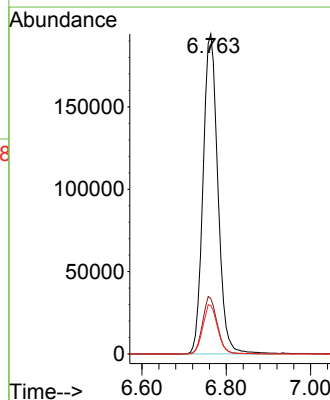
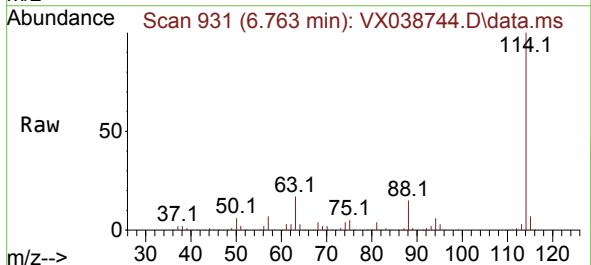
Instrument :  
 MSVOA\_X  
 ClientSampleId :

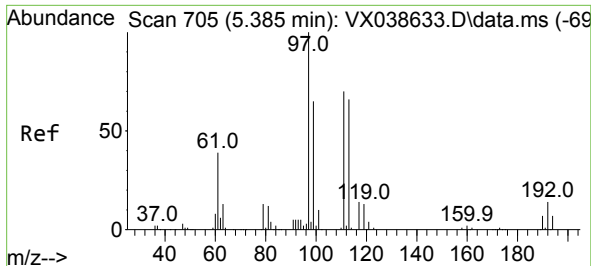
Tgt Ion: 65 Resp: 182374  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX038744.D  
 Acq: 10 Nov 2023 21:10

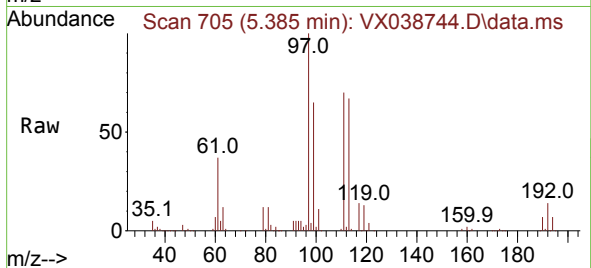
Tgt Ion:114 Resp: 476115  
 Ion Ratio Lower Upper  
 114 100  
 63 17.3 0.0 45.0  
 88 15.2 0.0 36.6



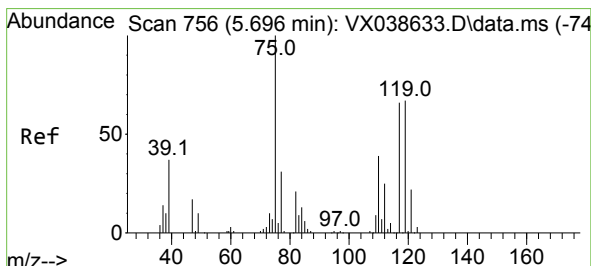
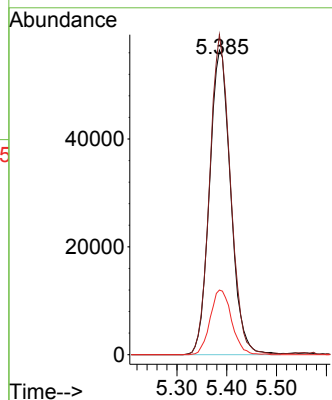
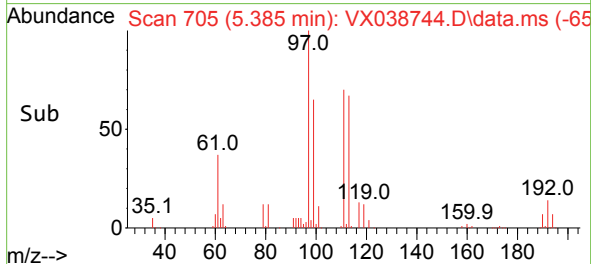


#35  
Dibromofluoromethane  
Concen: 48.689 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Instrument :  
MSVOA\_X  
ClientSampleId :

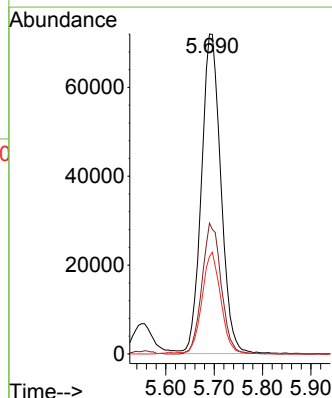
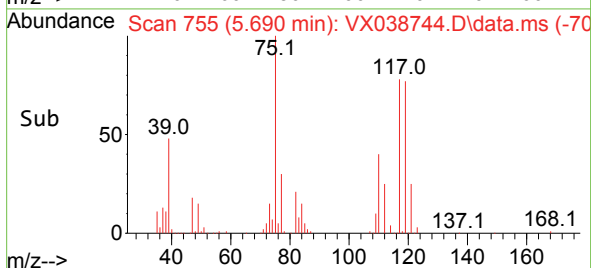
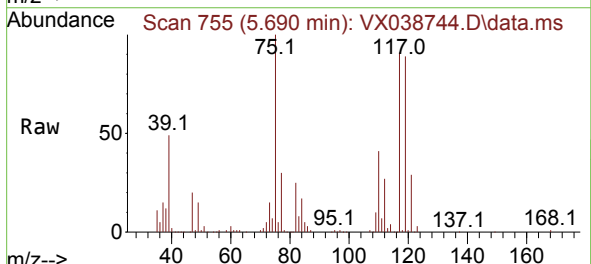


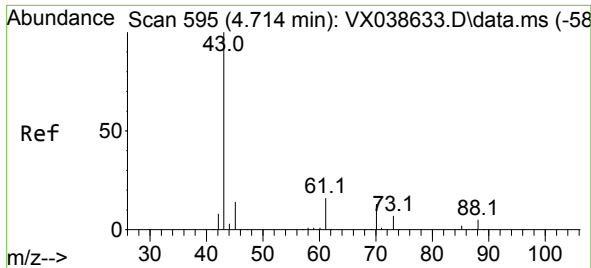
Tgt Ion:113 Resp: 166961  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.9 124.3  
192 21.4 13.3 19.9#



#36  
1,1-Dichloropropene  
Concen: 47.154 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 75 Resp: 200858  
Ion Ratio Lower Upper  
75 100  
110 40.5 17.0 50.9  
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 48.377 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

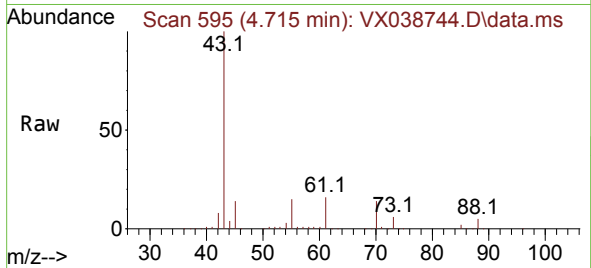
Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :



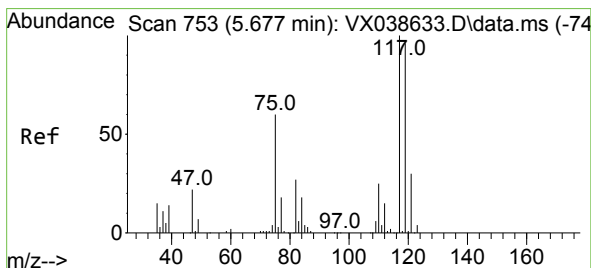
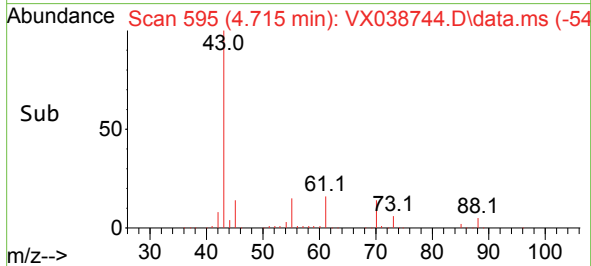
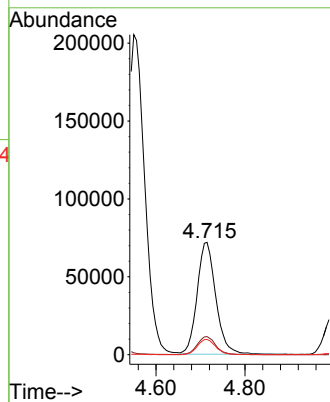
Tgt Ion: 43 Resp: 210391

Ion Ratio Lower Upper

43 100

61 16.2 10.6 16.0#

70 13.4 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 49.639 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

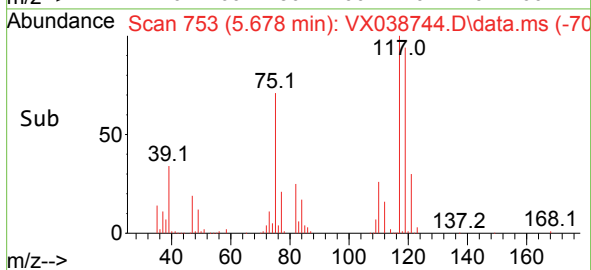
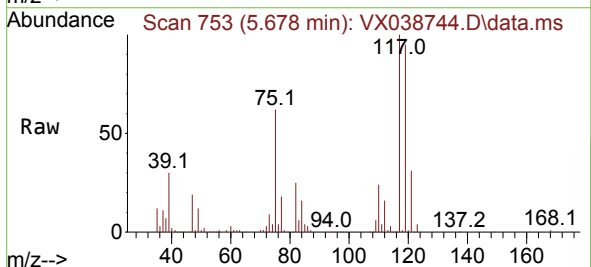
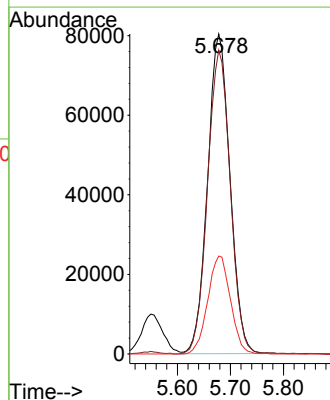
Tgt Ion:117 Resp: 236380

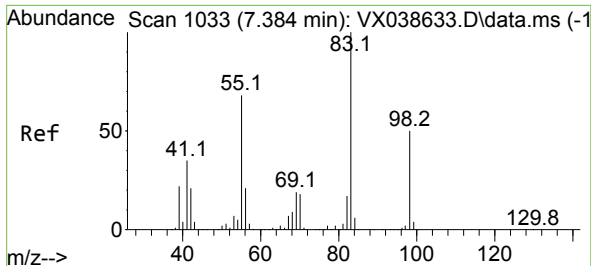
Ion Ratio Lower Upper

117 100

119 95.0 78.2 117.2

121 30.6 24.4 36.6

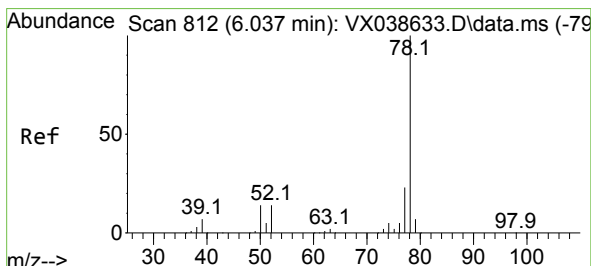
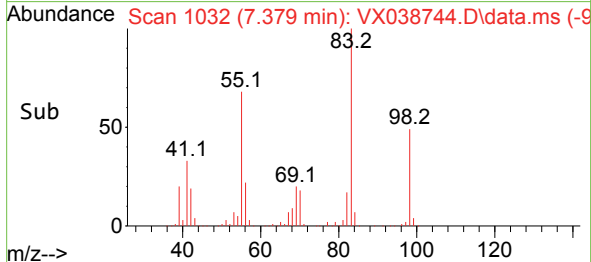
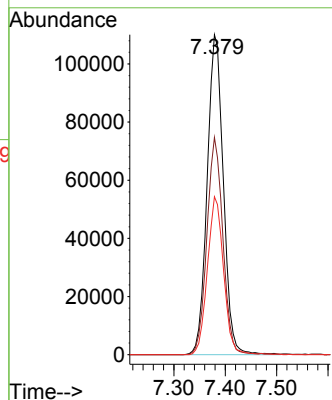
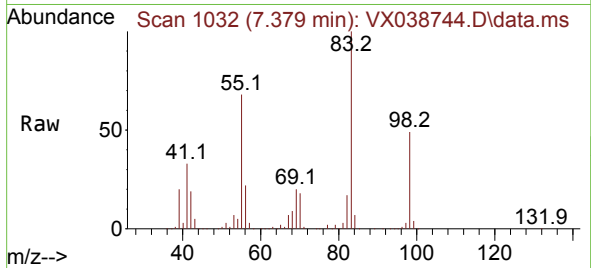




#39  
Methylcyclohexane  
Concen: 45.242 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

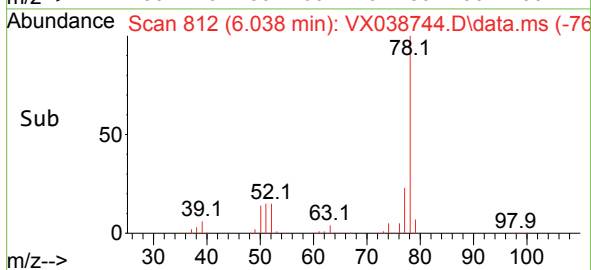
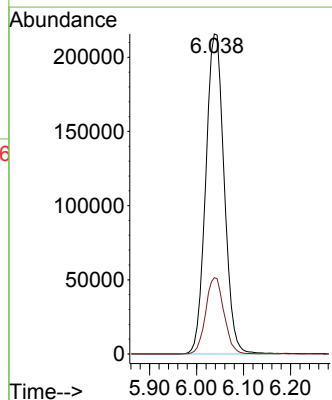
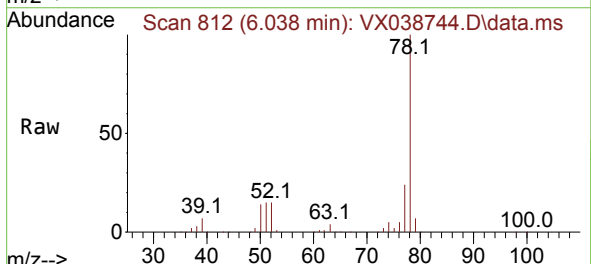
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 240946  
Ion Ratio Lower Upper  
83 100  
55 67.9 64.6 97.0  
98 49.3 36.7 55.1



#40  
Benzene  
Concen: 47.816 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

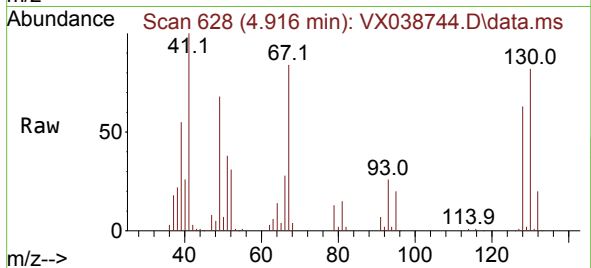
Tgt Ion: 78 Resp: 586653  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.3 28.9



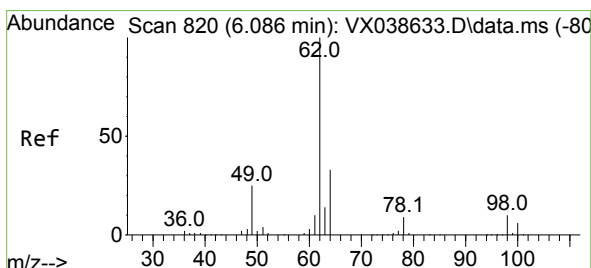
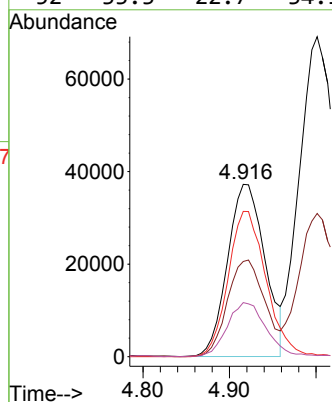
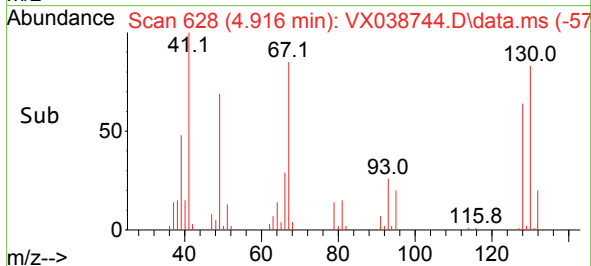


#41  
Methacrylonitrile  
Concen: 50.501 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Instrument :  
MSVOA\_X  
ClientSampleId :

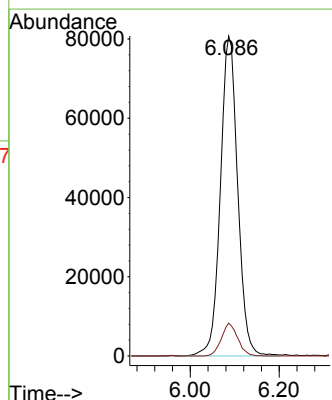
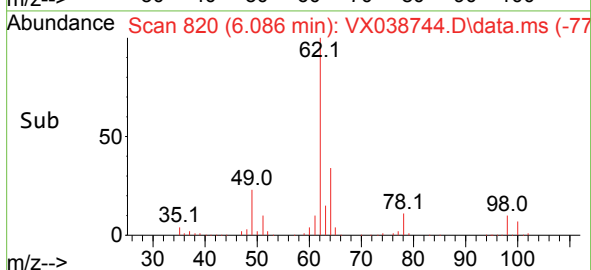
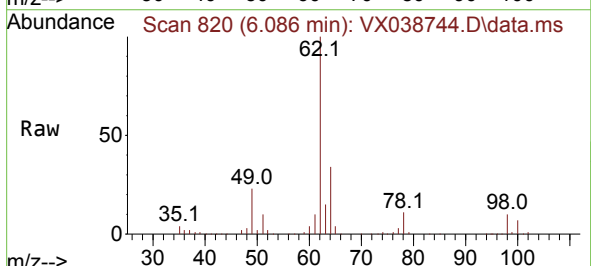


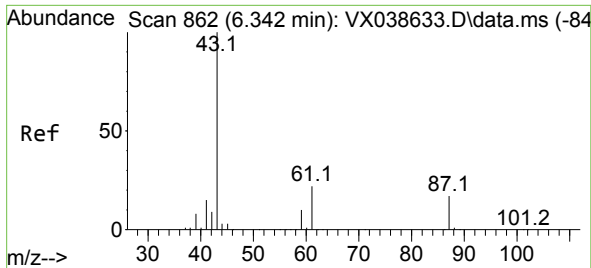
Tgt Ion: 41 Resp: 111893  
Ion Ratio Lower Upper  
41 100  
39 56.2 45.2 67.8  
67 85.7 52.6 78.8#  
52 33.3 22.7 34.1



#42  
1,2-Dichloroethane  
Concen: 49.115 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 62 Resp: 217430  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 48.649 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :

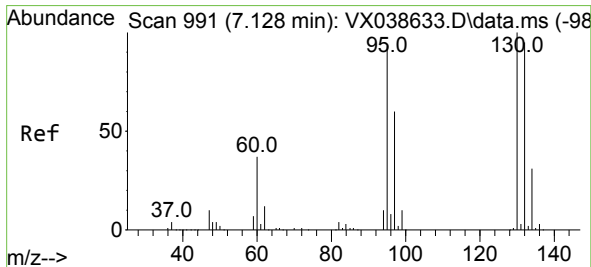
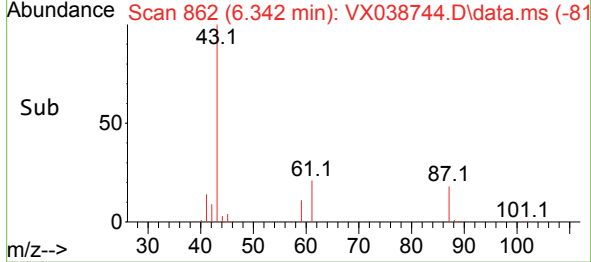
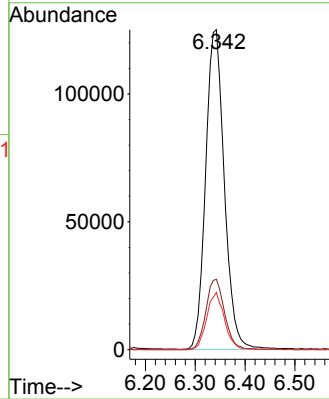
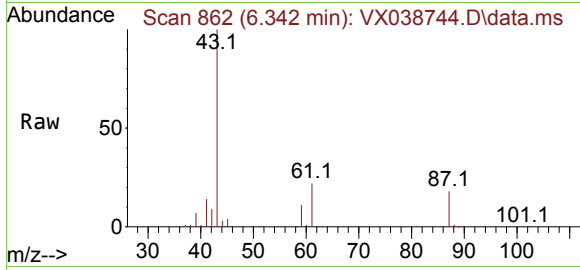
Tgt Ion: 43 Resp: 325272

Ion Ratio Lower Upper

43 100

61 22.2 15.2 22.8

87 17.1 9.8 14.6#



#44

Trichloroethene

Concen: 49.038 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX038744.D

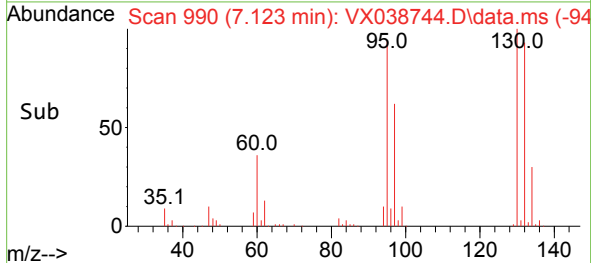
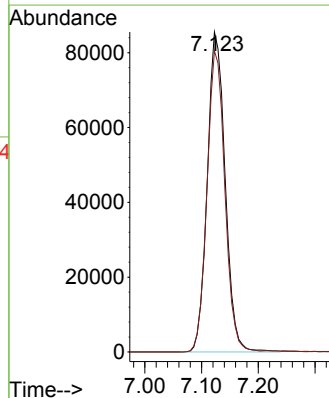
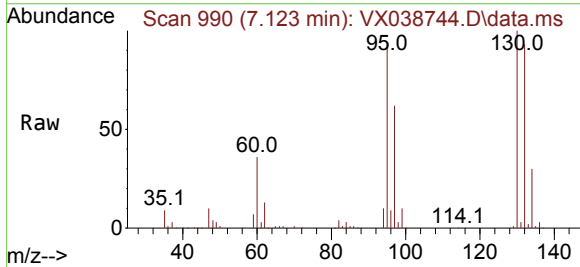
Acq: 10 Nov 2023 21:10

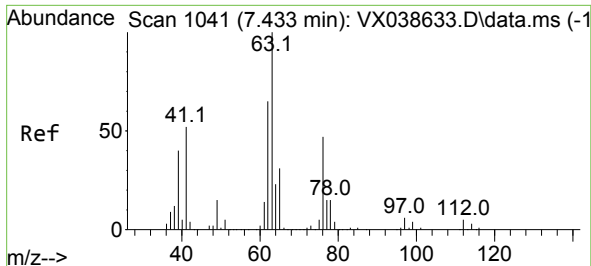
Tgt Ion:130 Resp: 187198

Ion Ratio Lower Upper

130 100

95 94.1 0.0 204.4

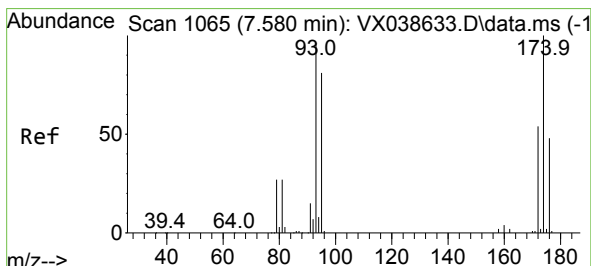
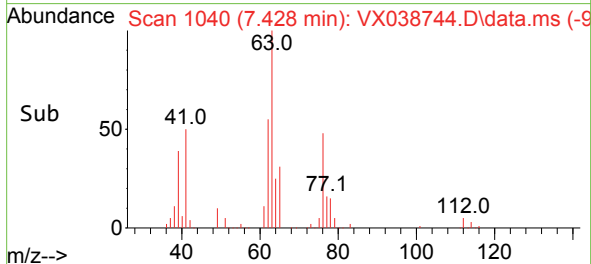
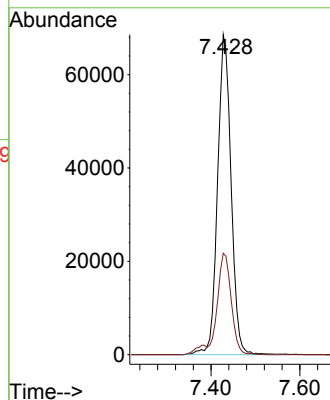
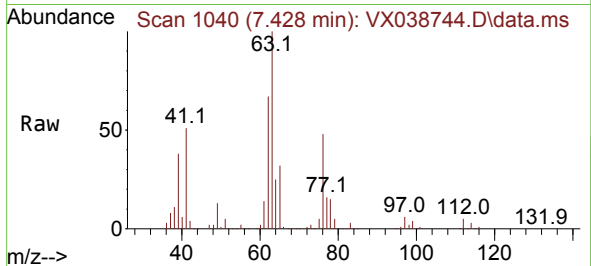




#45  
1,2-Dichloropropane  
Concen: 48.614 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

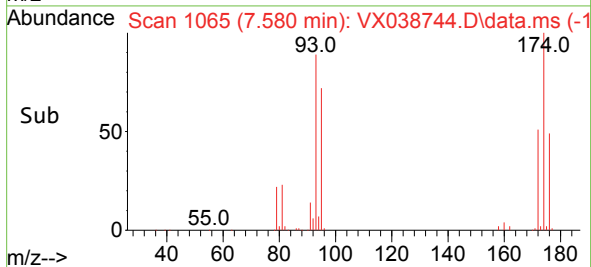
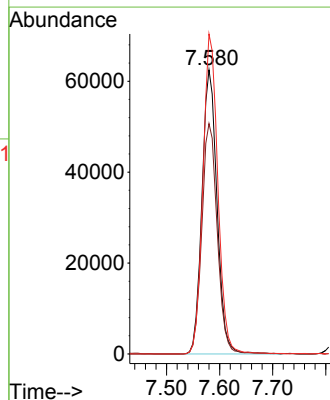
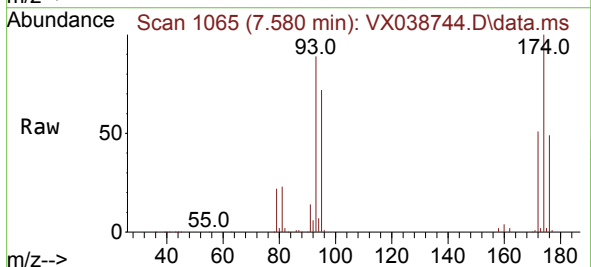
Instrument :  
MSVOA\_X  
ClientSampleId :

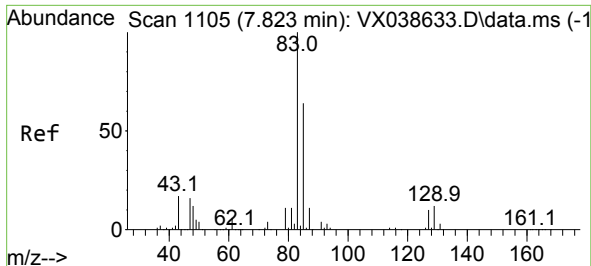
Tgt Ion: 63 Resp: 144185  
Ion Ratio Lower Upper  
63 100  
65 31.7 24.3 36.5



#46  
Dibromomethane  
Concen: 49.684 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 93 Resp: 123233  
Ion Ratio Lower Upper  
93 100  
95 83.1 66.6 100.0  
174 112.1 69.4 104.0#

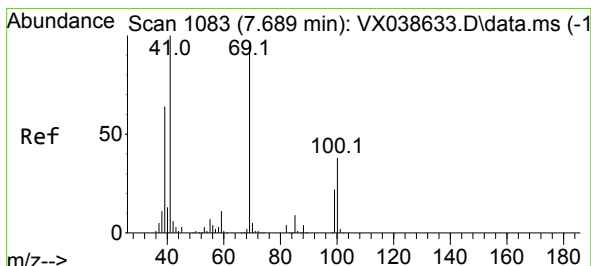
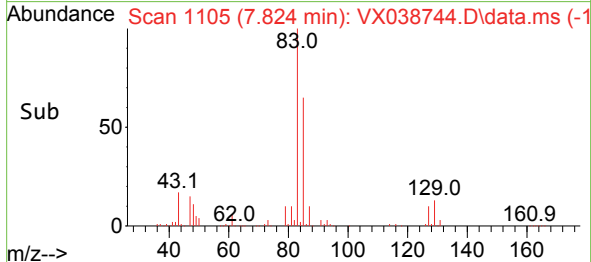
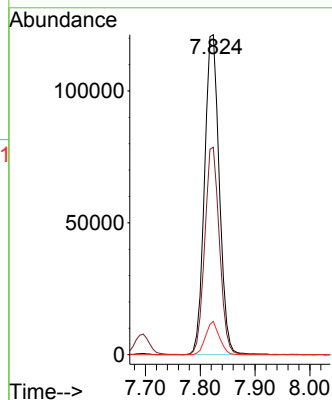
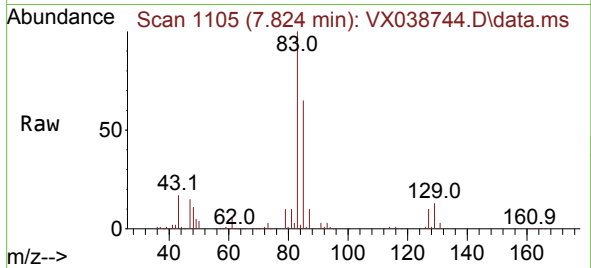




#47  
 Bromodichloromethane  
 Concen: 48.630 ug/l  
 RT: 7.824 min Scan# 1105  
 Delta R.T. 0.000 min  
 Lab File: VX038744.D  
 Acq: 10 Nov 2023 21:10

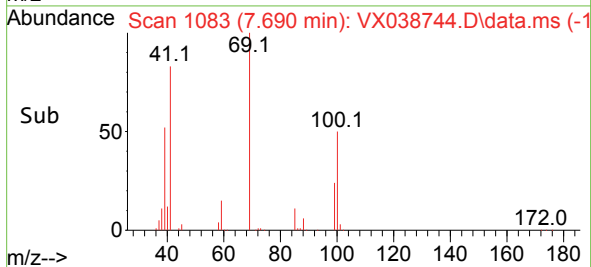
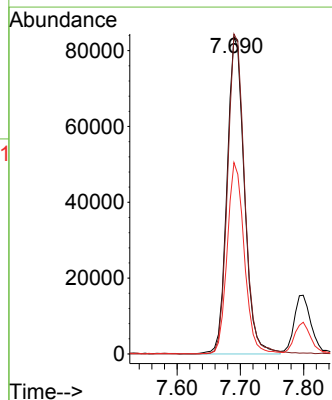
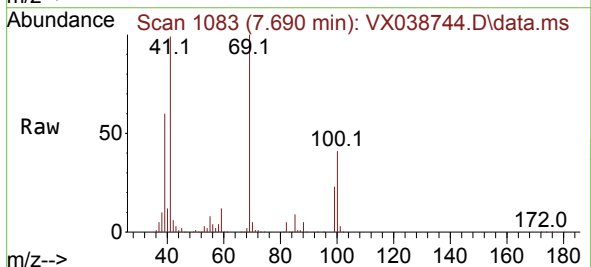
Instrument :  
 MSVOA\_X  
 ClientSampleId :

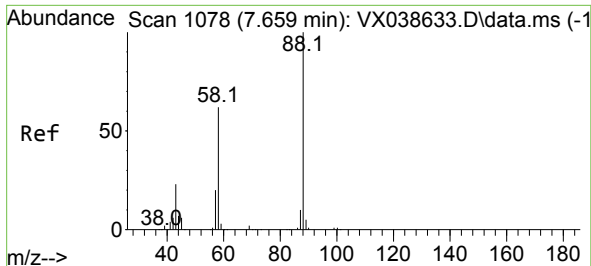
Tgt Ion: 83 Resp: 226842  
 Ion Ratio Lower Upper  
 83 100  
 85 64.7 49.8 74.6  
 127 10.4 7.1 10.7



#48  
 Methyl methacrylate  
 Concen: 49.413 ug/l  
 RT: 7.690 min Scan# 1083  
 Delta R.T. 0.000 min  
 Lab File: VX038744.D  
 Acq: 10 Nov 2023 21:10

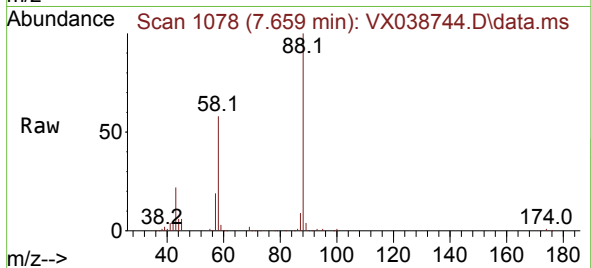
Tgt Ion: 41 Resp: 159218  
 Ion Ratio Lower Upper  
 41 100  
 69 99.7 59.2 88.8#  
 39 59.2 47.7 71.5



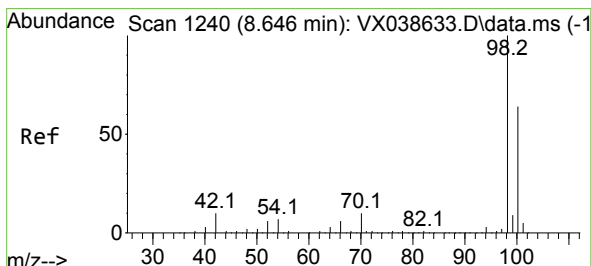
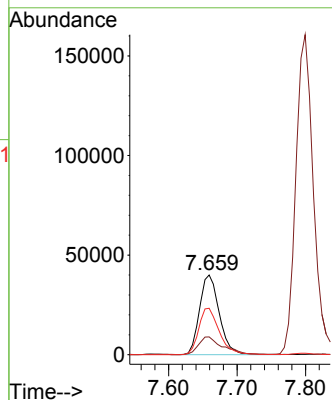
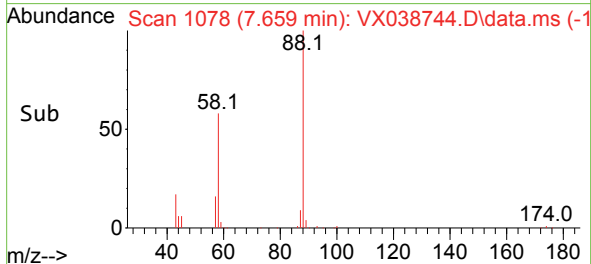


#49  
1,4-Dioxane  
Concen: 1093.319 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Instrument :  
MSVOA\_X  
ClientSampleId :

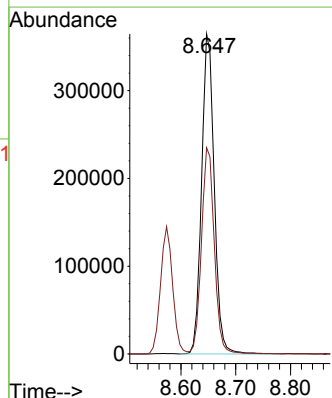
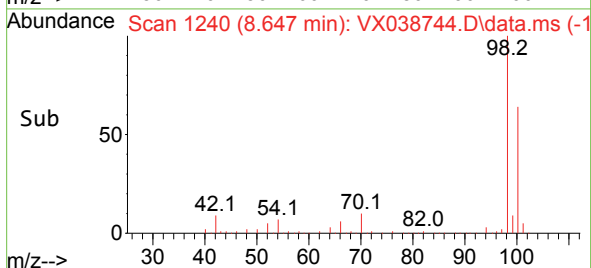
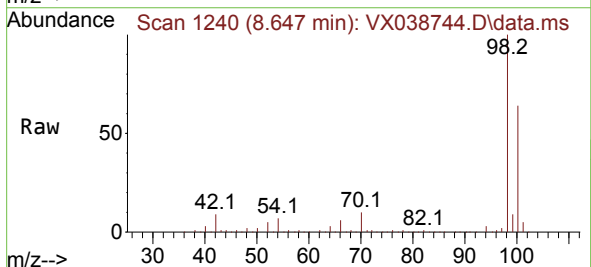


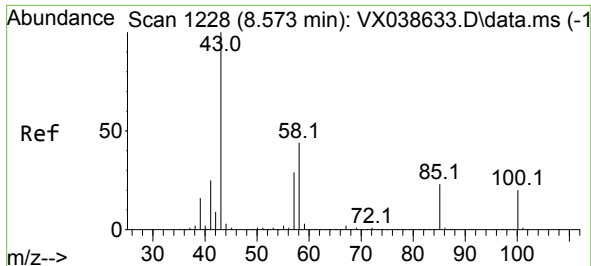
Tgt Ion: 88 Resp: 80199  
Ion Ratio Lower Upper  
88 100  
43 26.7 0.0 0.0#  
58 60.8 60.1 90.1



#50  
Toluene-d8  
Concen: 47.621 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 98 Resp: 584348  
Ion Ratio Lower Upper  
98 100  
100 65.4 53.1 79.7

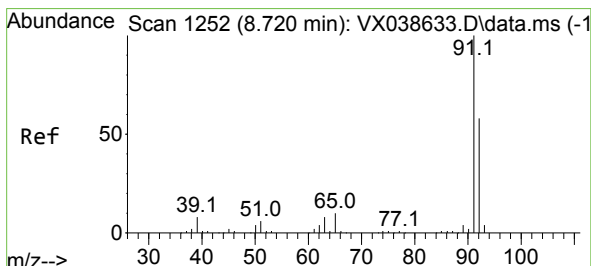
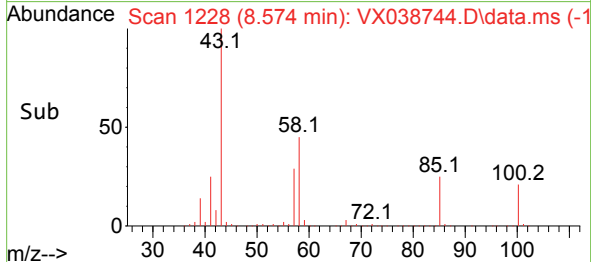
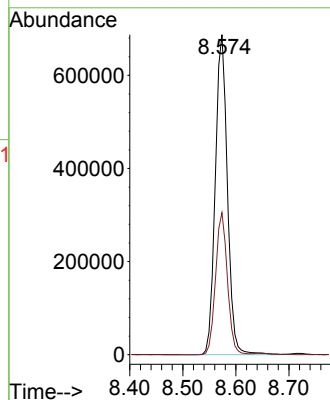
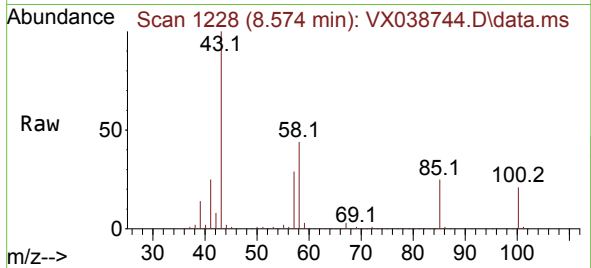




#51  
4-Methyl-2-Pentanone  
Concen: 250.652 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

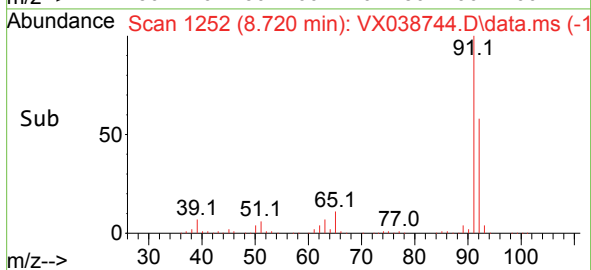
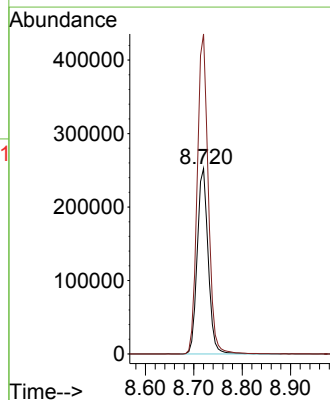
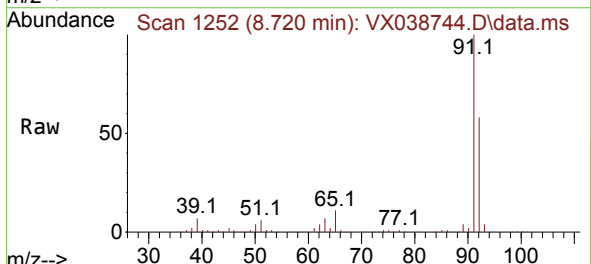
Instrument :  
MSVOA\_X  
ClientSampleId :

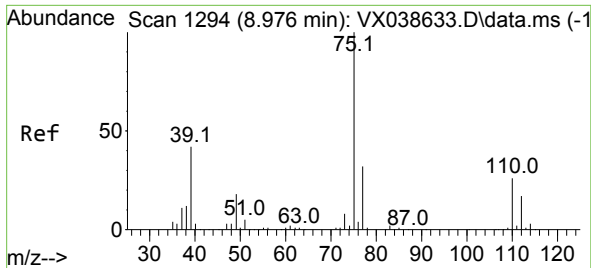
Tgt Ion: 43 Resp: 1091900  
Ion Ratio Lower Upper  
43 100  
58 43.5 30.4 45.6



#52  
Toluene  
Concen: 49.192 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 92 Resp: 395363  
Ion Ratio Lower Upper  
92 100  
91 173.4 134.2 201.2

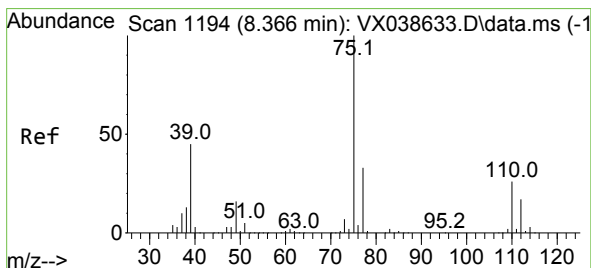
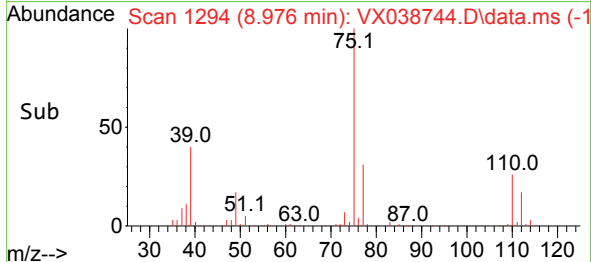
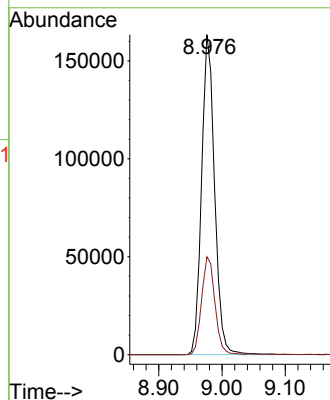
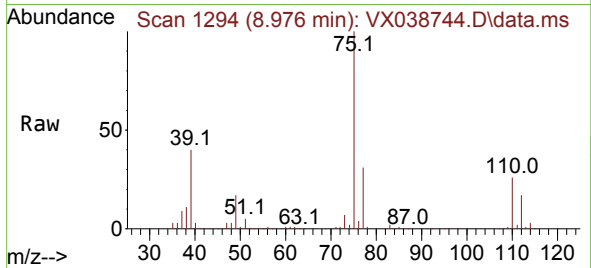




#53  
 t-1,3-Dichloropropene  
 Concen: 49.291 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX038744.D  
 Acq: 10 Nov 2023 21:10

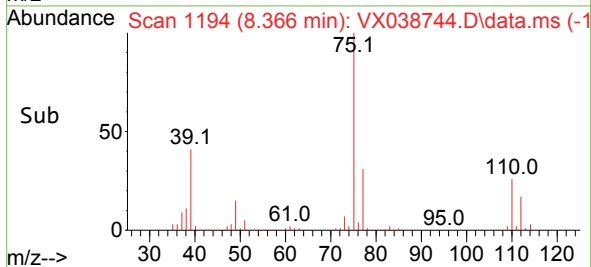
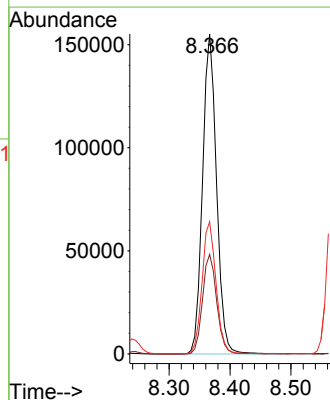
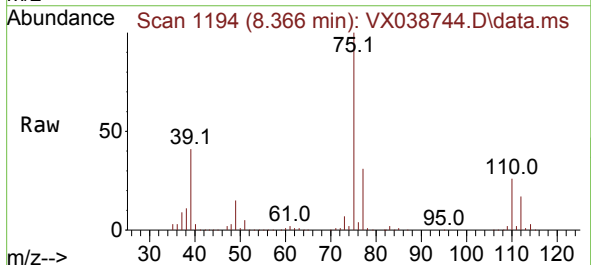
Instrument :  
 MSVOA\_X  
 ClientSampleId :

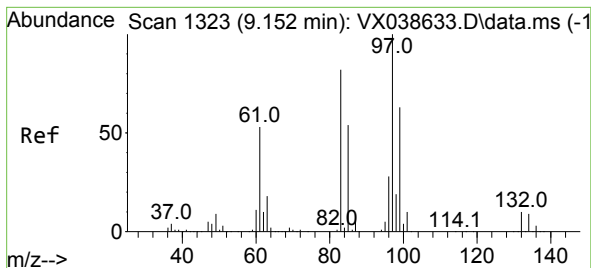
Tgt Ion: 75 Resp: 234087  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.471 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX038744.D  
 Acq: 10 Nov 2023 21:10

Tgt Ion: 75 Resp: 248021  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.3 37.9  
 39 41.2 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 50.768 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 173128

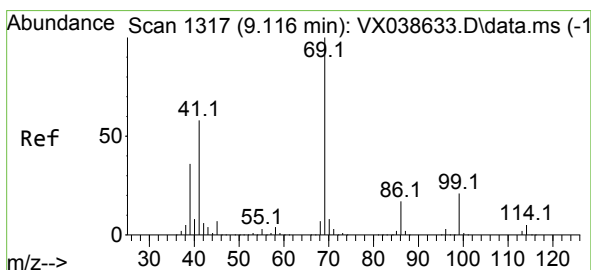
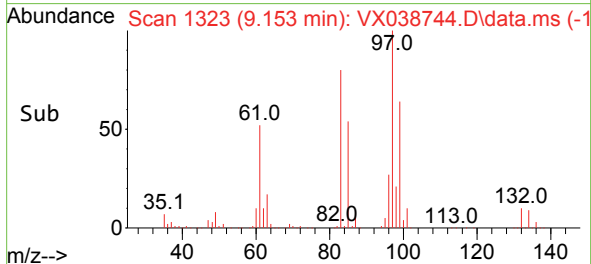
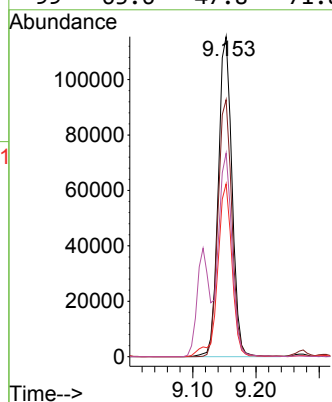
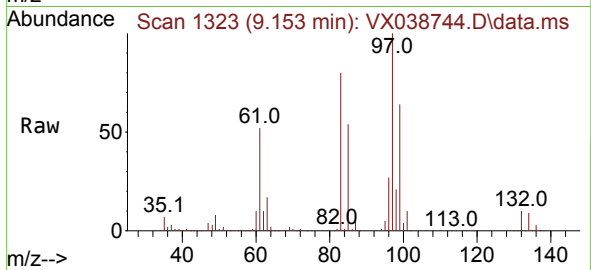
Ion Ratio Lower Upper

97 100

83 80.3 65.8 98.8

85 54.0 41.6 62.4

99 63.6 47.8 71.8



#56

Ethyl methacrylate

Concen: 52.487 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

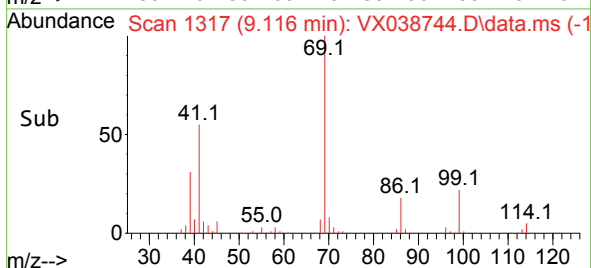
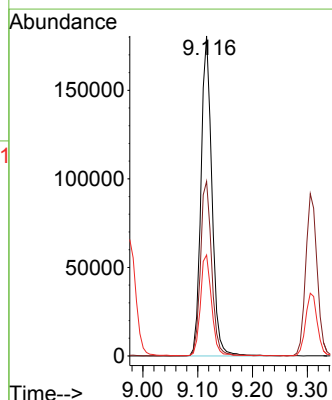
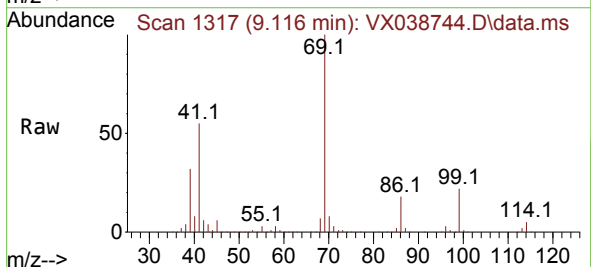
Tgt Ion: 69 Resp: 250427

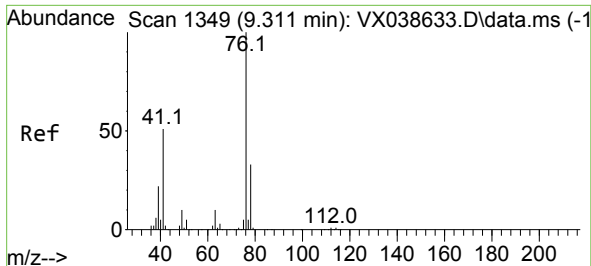
Ion Ratio Lower Upper

69 100

41 56.0 56.8 85.2#

39 32.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 49.867 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

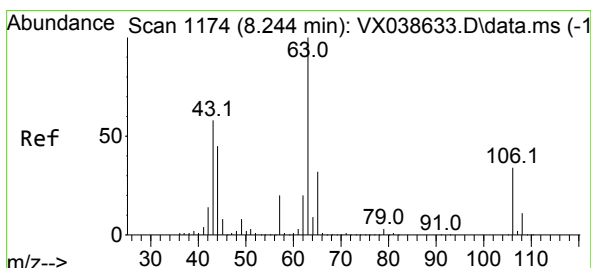
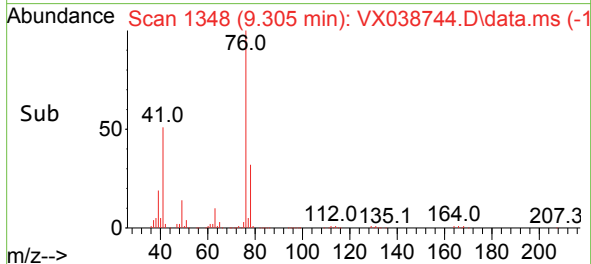
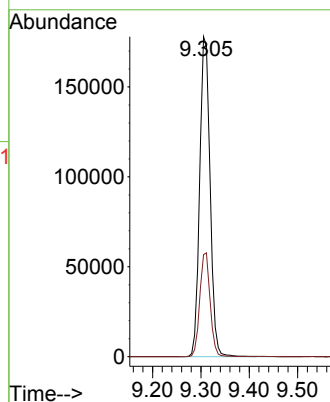
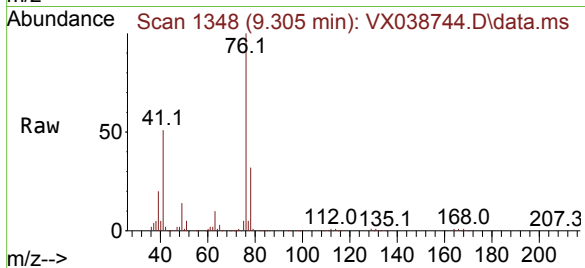
ClientSampleId :

Tgt Ion: 76 Resp: 264867

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 251.678 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038744.D

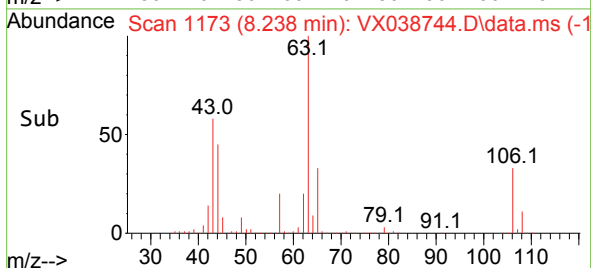
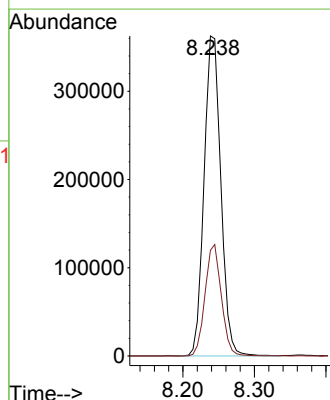
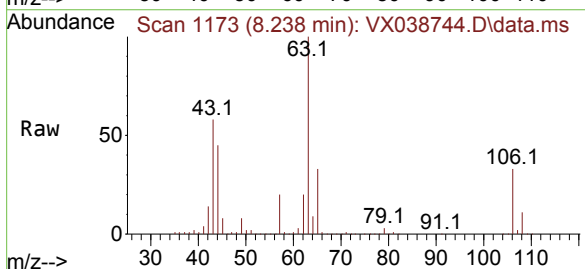
Acq: 10 Nov 2023 21:10

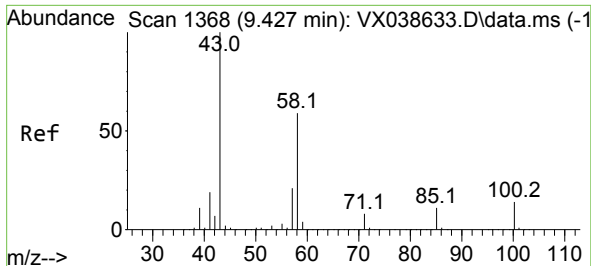
Tgt Ion: 63 Resp: 590402

Ion Ratio Lower Upper

63 100

106 33.9 22.5 33.7#

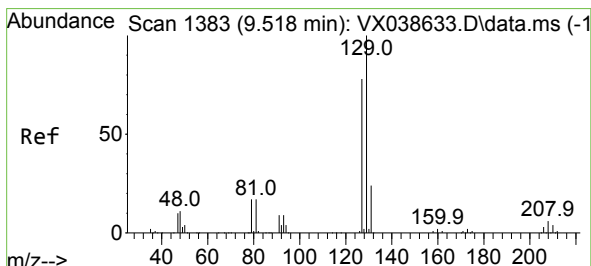
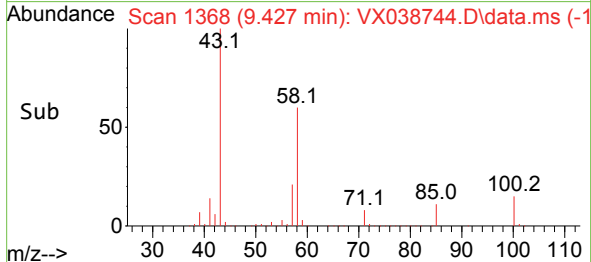
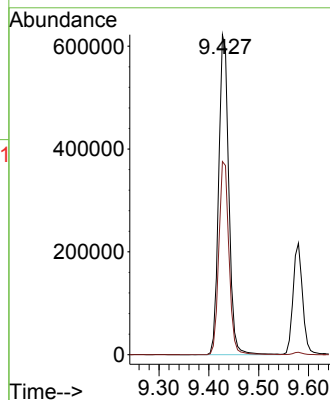
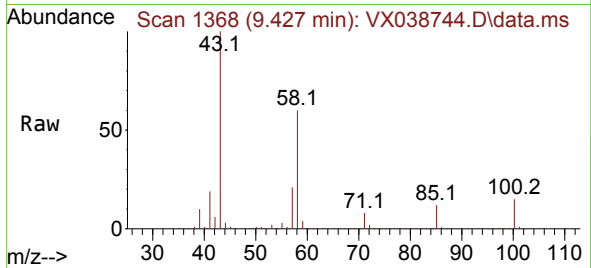




#59  
2-Hexanone  
Concen: 248.012 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

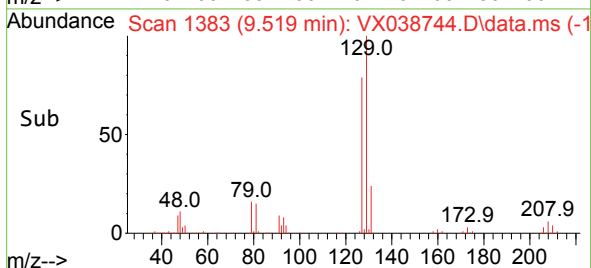
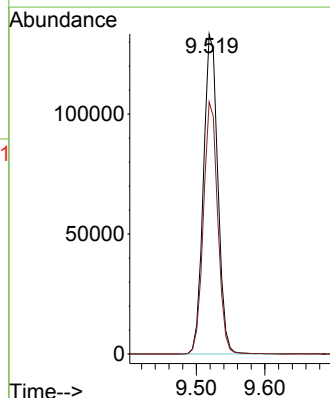
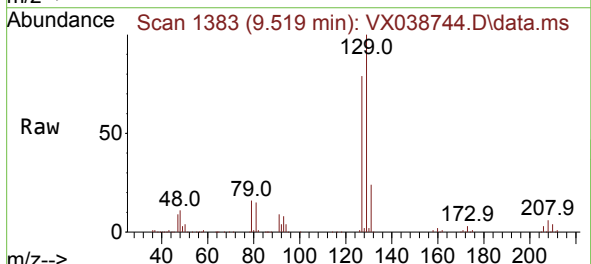
Instrument :  
MSVOA\_X  
ClientSampleId :

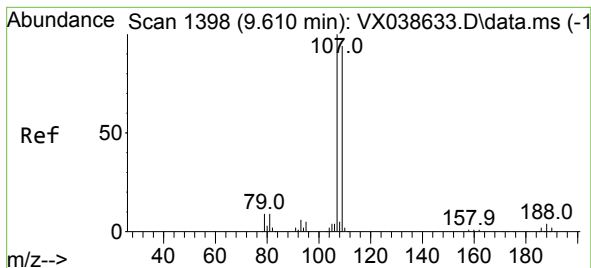
Tgt Ion: 43 Resp: 874192  
Ion Ratio Lower Upper  
43 100  
58 60.6 26.2 78.5



#60  
Dibromochloromethane  
Concen: 50.981 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion:129 Resp: 195162  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 50.272 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

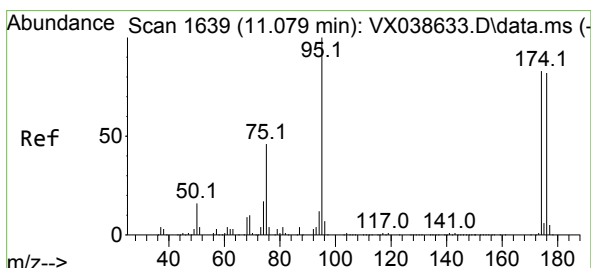
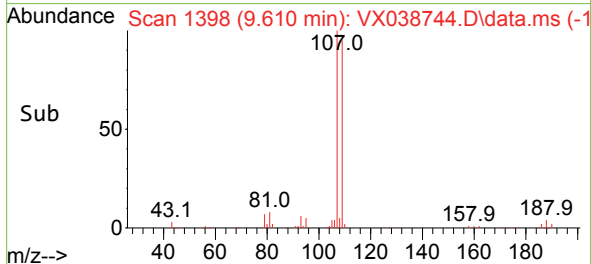
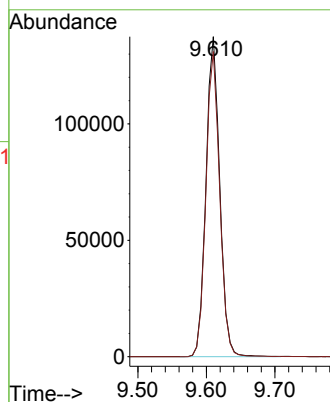
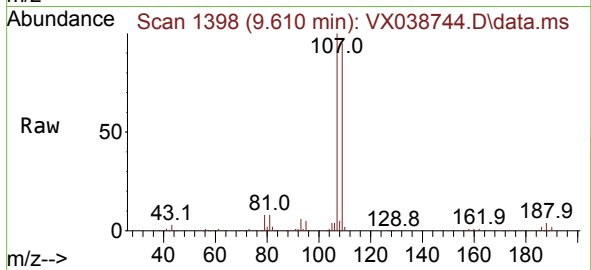
ClientSampleId :

Tgt Ion:107 Resp: 192672

Ion Ratio Lower Upper

107 100

109 95.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 49.548 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

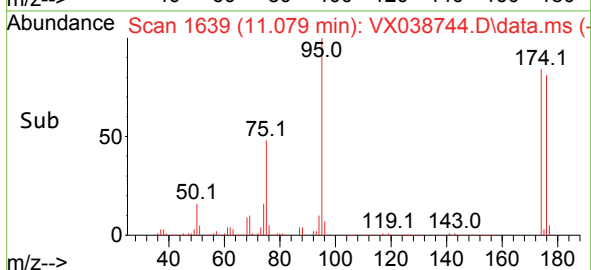
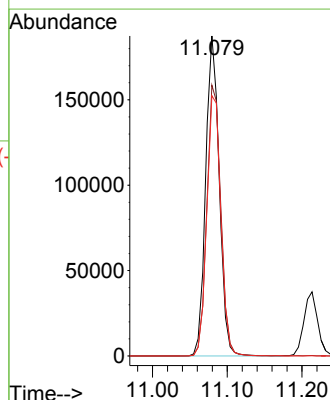
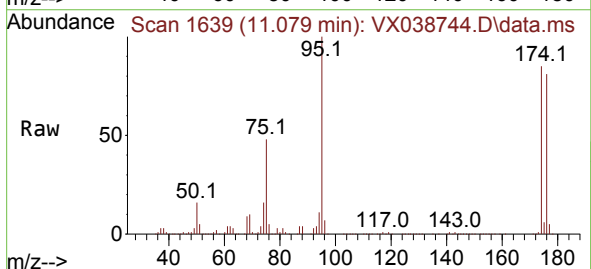
Tgt Ion: 95 Resp: 235726

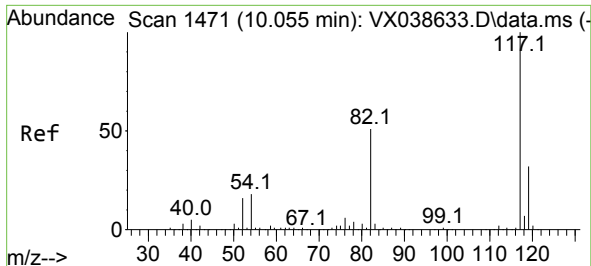
Ion Ratio Lower Upper

95 100

174 87.2 0.0 135.6

176 84.7 0.0 131.0

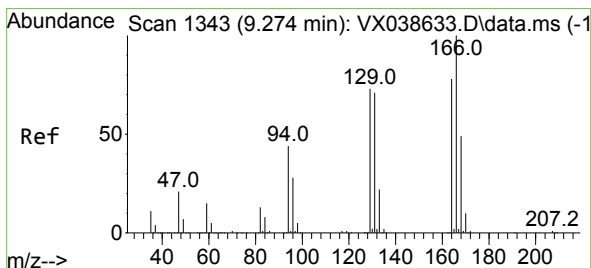
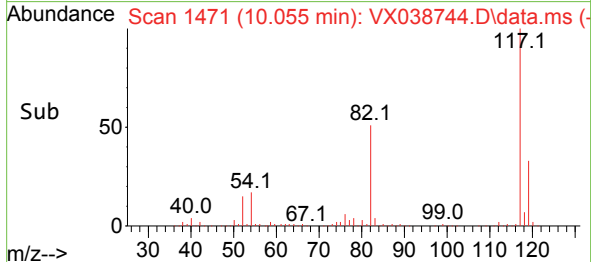
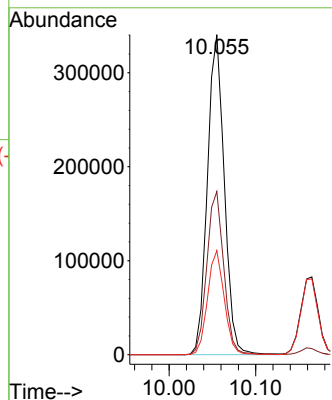
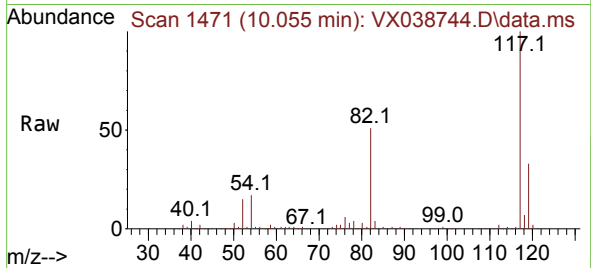




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

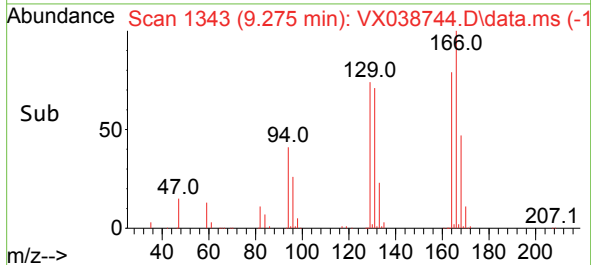
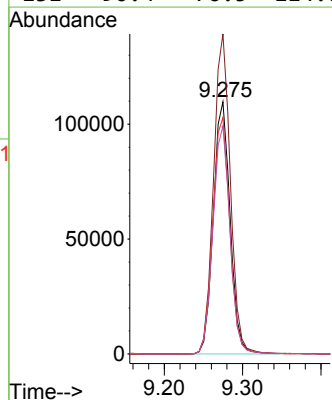
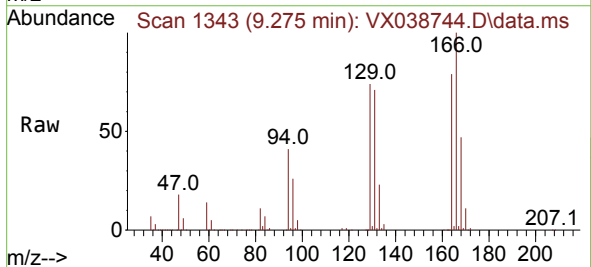
Instrument :  
MSVOA\_X  
ClientSampleId :

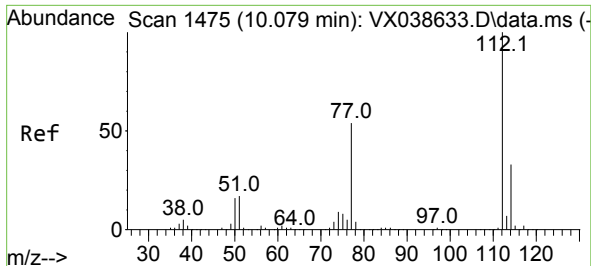
Tgt Ion:117 Resp: 461314  
Ion Ratio Lower Upper  
117 100  
82 51.0 46.2 69.4  
119 32.5 25.5 38.3



#64  
Tetrachloroethene  
Concen: 47.285 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion:164 Resp: 163280  
Ion Ratio Lower Upper  
164 100  
166 126.9 102.7 154.1  
129 93.8 80.4 120.6  
131 90.4 76.5 114.7

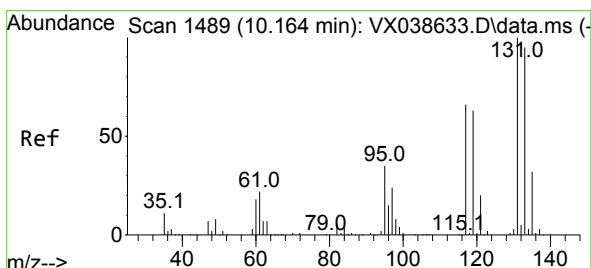
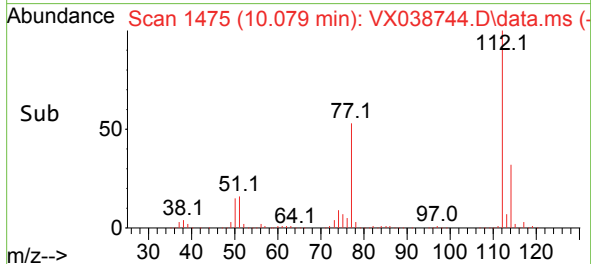
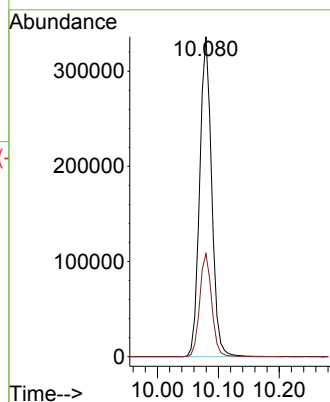
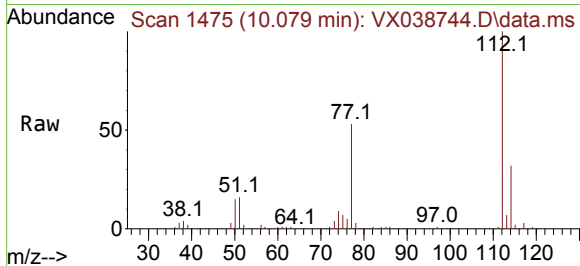




#65  
Chlorobenzene  
Concen: 48.981 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

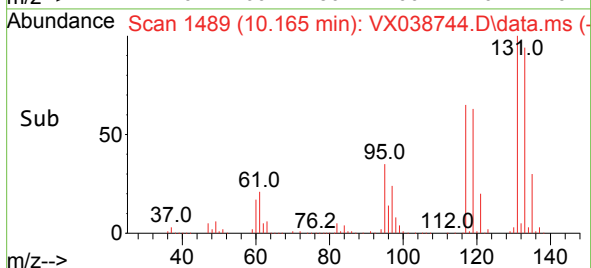
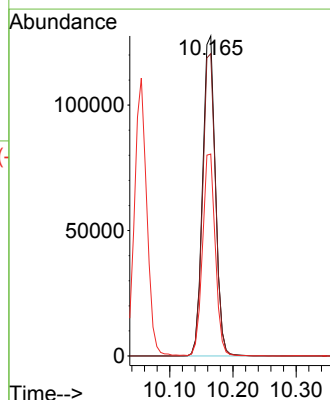
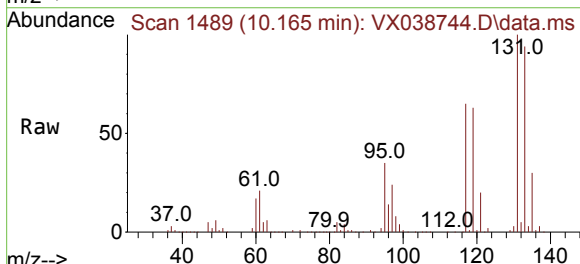
Instrument :  
MSVOA\_X  
ClientSampleId :

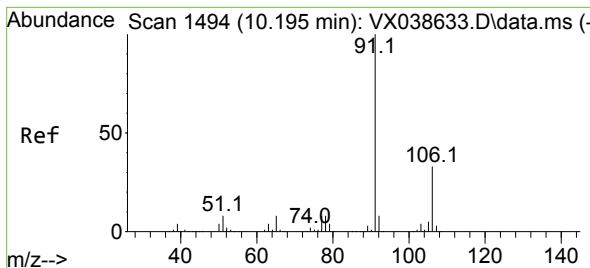
Tgt Ion:112 Resp: 459971  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.740 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion:131 Resp: 179124  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.1 141.4  
119 63.4 32.2 96.6





#67

Ethyl Benzene

Concen: 48.660 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

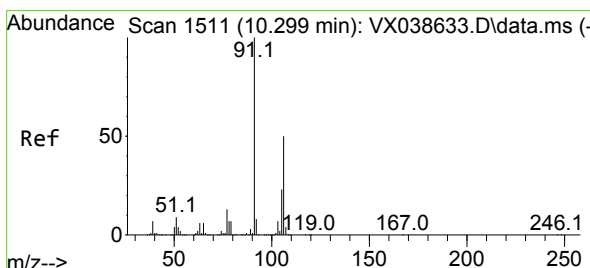
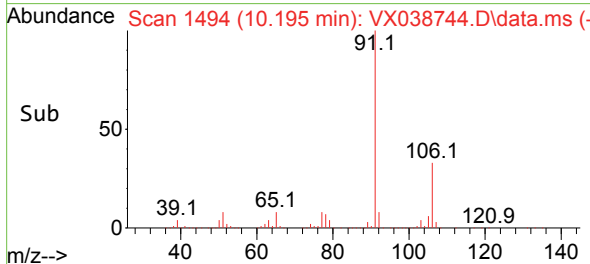
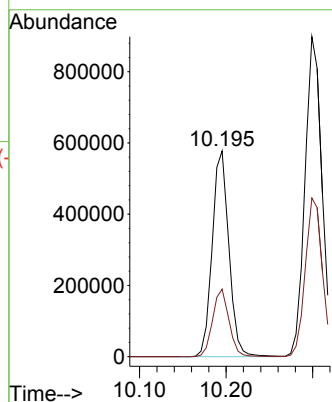
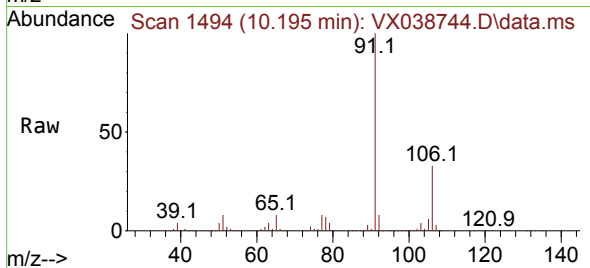
ClientSampleId :

Tgt Ion: 91 Resp: 772951

Ion Ratio Lower Upper

91 100

106 32.9 24.9 37.3



#68

m/p-Xylenes

Concen: 97.625 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038744.D

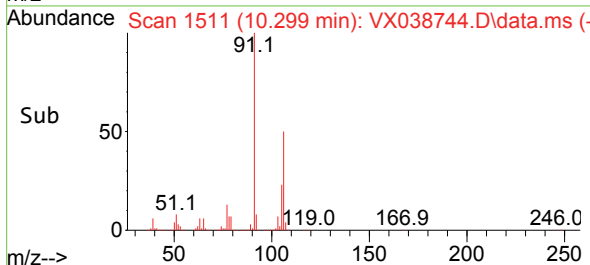
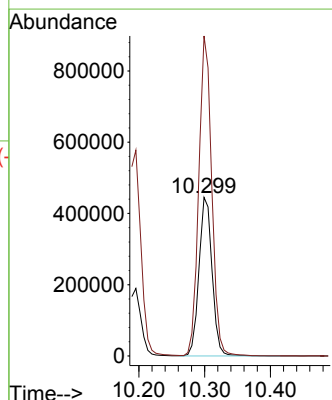
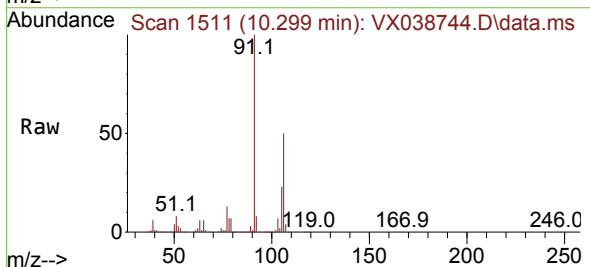
Acq: 10 Nov 2023 21:10

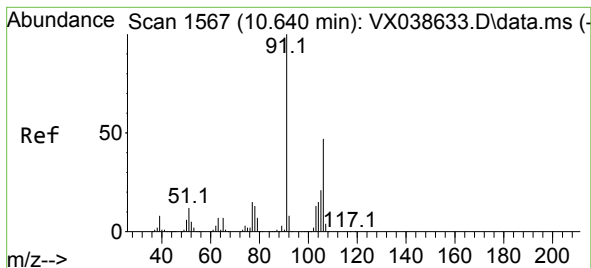
Tgt Ion: 106 Resp: 615476

Ion Ratio Lower Upper

106 100

91 200.2 165.5 248.3





#69

o-Xylene

Concen: 49.816 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

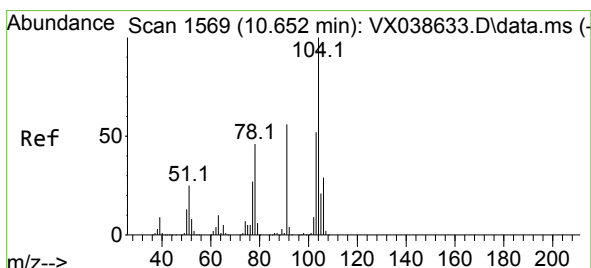
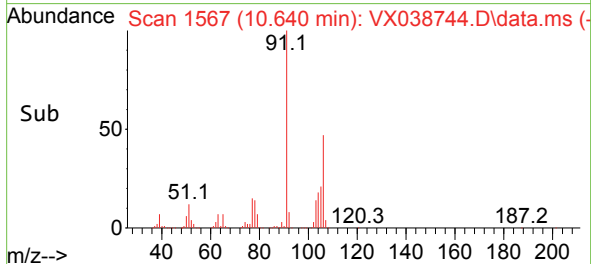
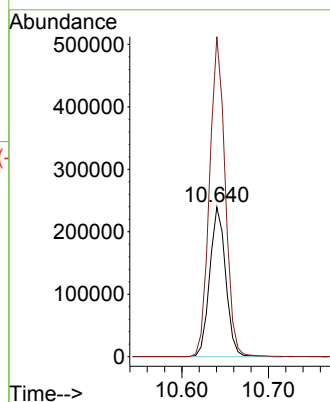
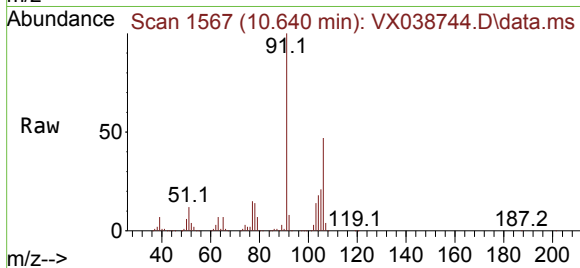
ClientSampleId :

Tgt Ion:106 Resp: 305416

Ion Ratio Lower Upper

106 100

91 209.7 108.9 326.8



#70

Styrene

Concen: 50.746 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

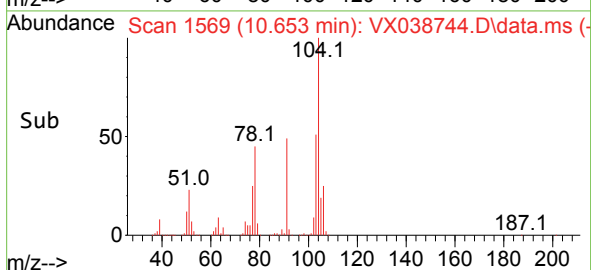
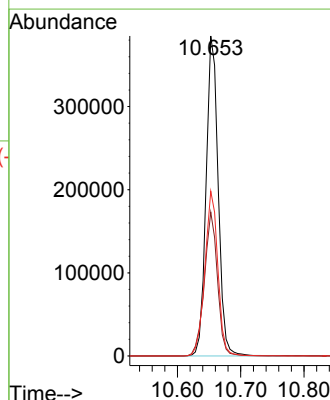
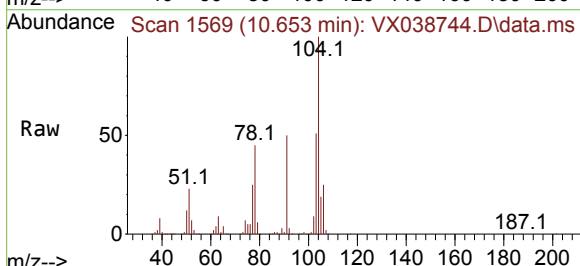
Tgt Ion:104 Resp: 513468

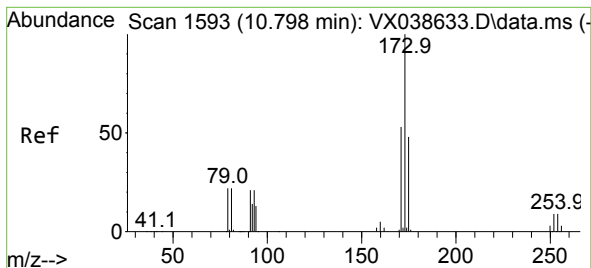
Ion Ratio Lower Upper

104 100

78 48.8 43.6 65.4

103 55.5 43.6 65.4





#71

Bromoform

Concen: 51.390 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :

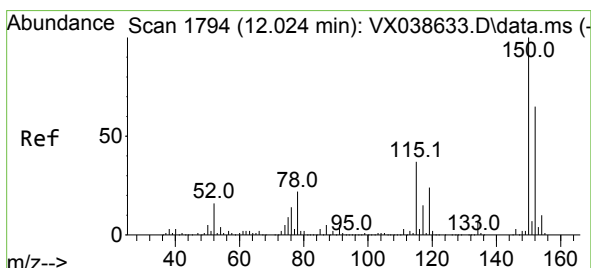
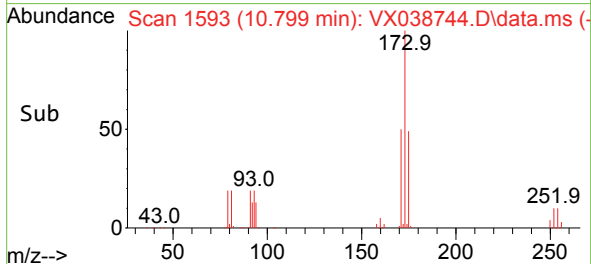
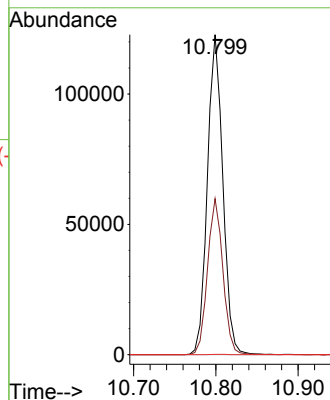
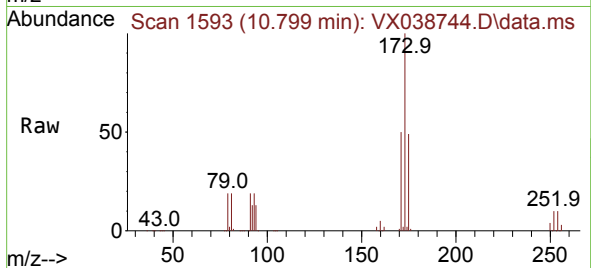
Tgt Ion:173 Resp: 160129

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

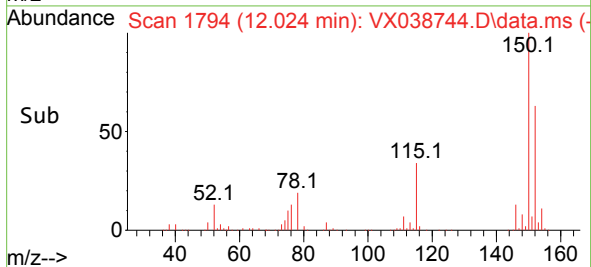
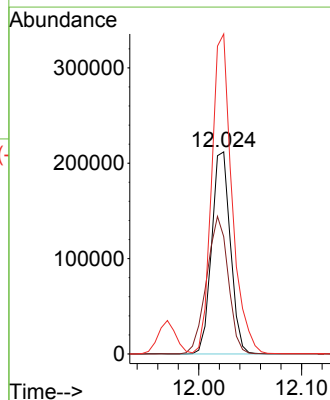
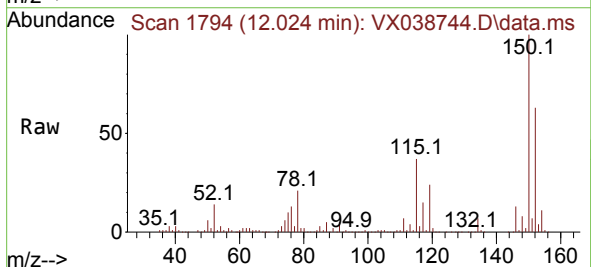
Tgt Ion:152 Resp: 268040

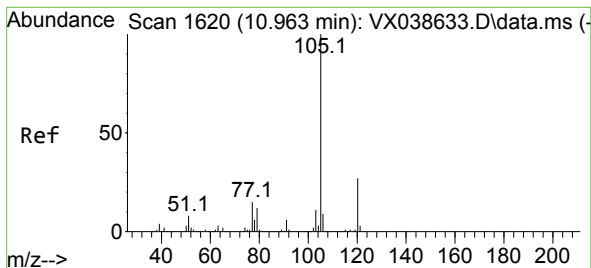
Ion Ratio Lower Upper

152 100

115 78.6 43.3 129.9

150 171.4 0.0 345.0





#73

Isopropylbenzene

Concen: 48.444 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

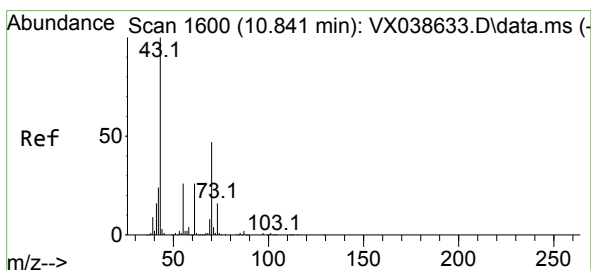
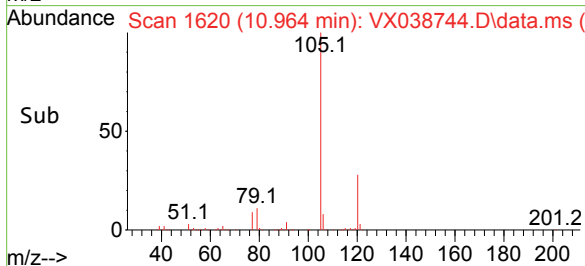
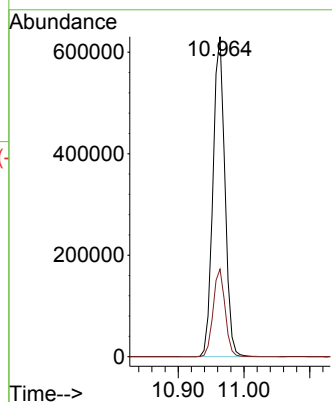
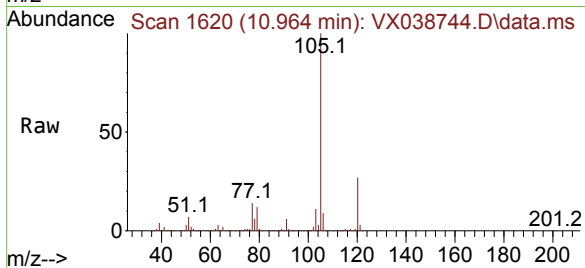
ClientSampleId :

Tgt Ion:105 Resp: 796626

Ion Ratio Lower Upper

105 100

120 27.4 12.9 38.6



#74

N-ethyl acetate

Concen: 49.157 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Tgt Ion: 43 Resp: 280864

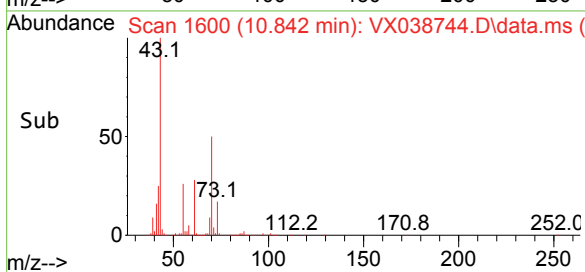
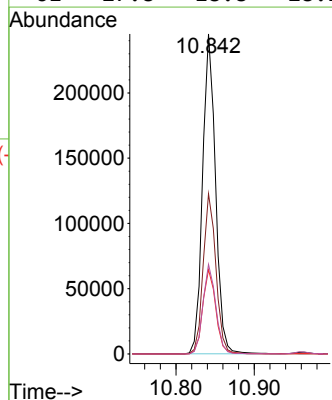
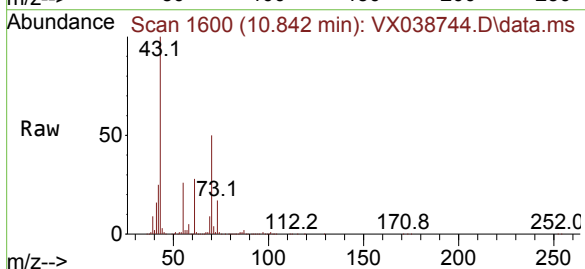
Ion Ratio Lower Upper

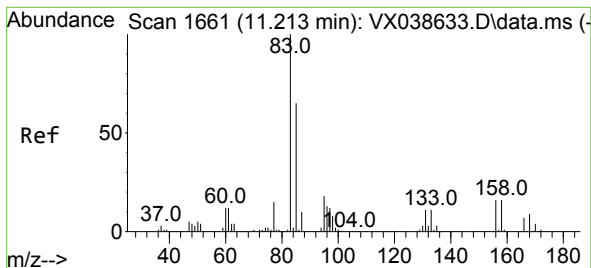
43 100

70 49.7 32.9 49.3#

55 26.8 19.3 28.9

61 27.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.395 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :

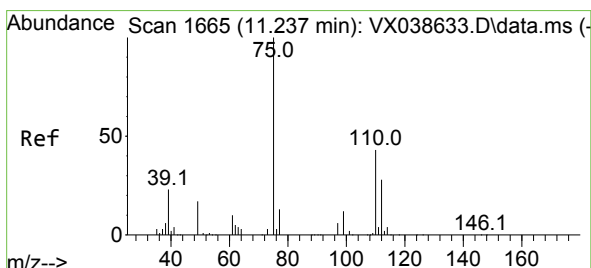
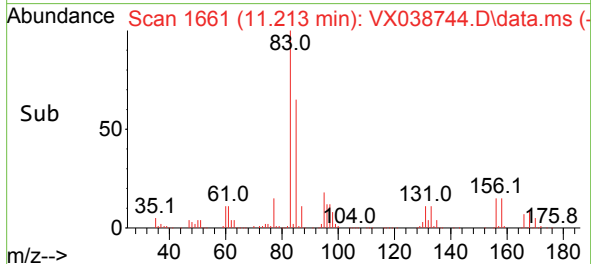
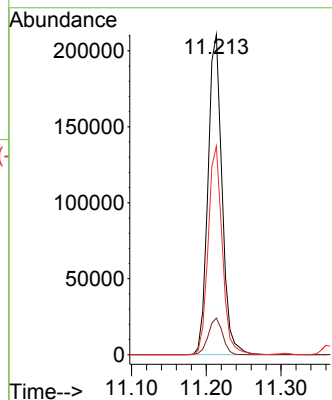
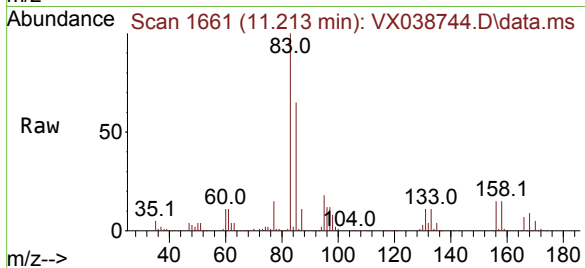
Tgt Ion: 83 Resp: 275119

Ion Ratio Lower Upper

83 100

131 11.7 5.3 15.8

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 57.189 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038744.D

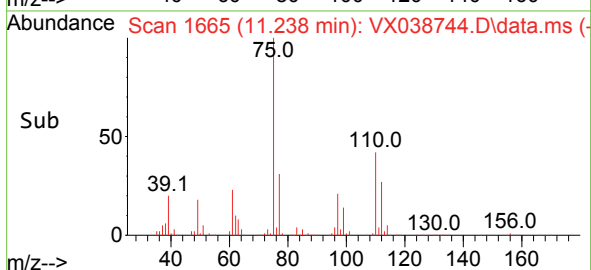
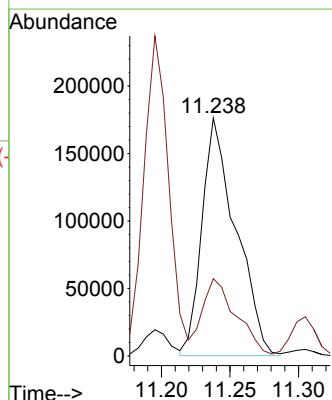
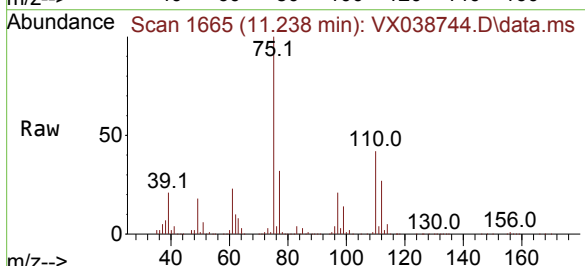
Acq: 10 Nov 2023 21:10

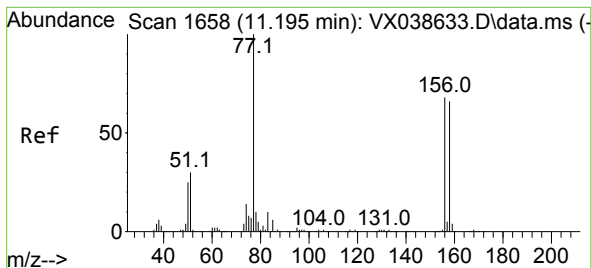
Tgt Ion: 75 Resp: 303589

Ion Ratio Lower Upper

75 100

77 32.6 19.1 57.5





#77

Bromobenzene

Concen: 48.429 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :

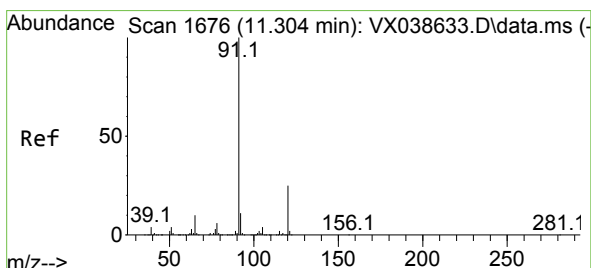
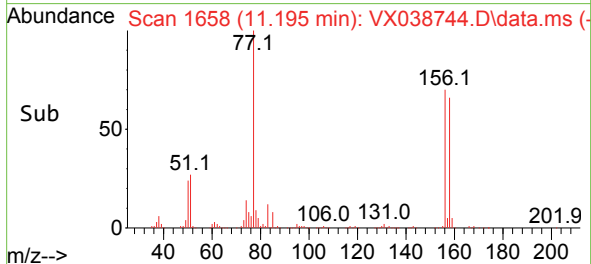
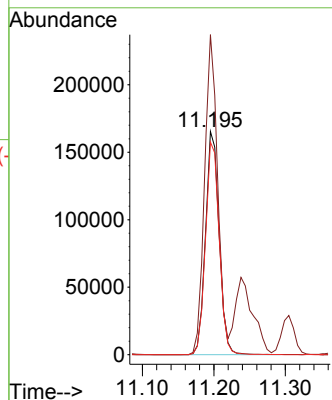
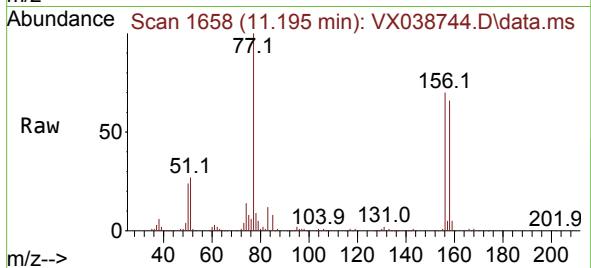
Tgt Ion:156 Resp: 218564

Ion Ratio Lower Upper

156 100

77 137.7 88.4 265.3

158 96.3 48.0 144.0



#78

n-propylbenzene

Concen: 47.770 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038744.D

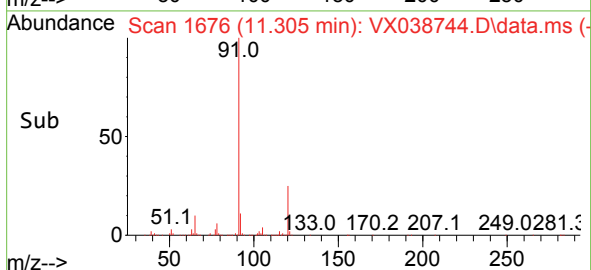
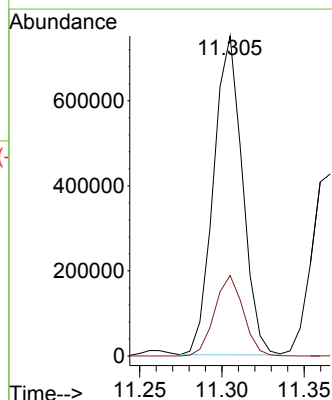
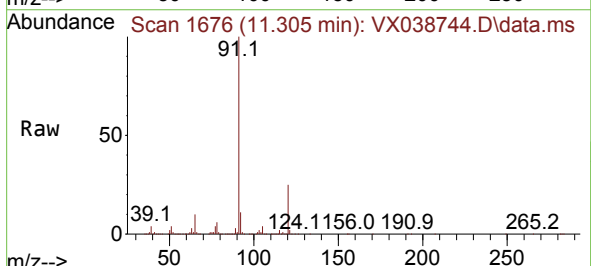
Acq: 10 Nov 2023 21:10

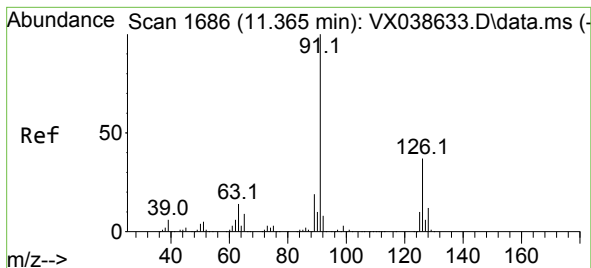
Tgt Ion: 91 Resp: 914119

Ion Ratio Lower Upper

91 100

120 25.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.918 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

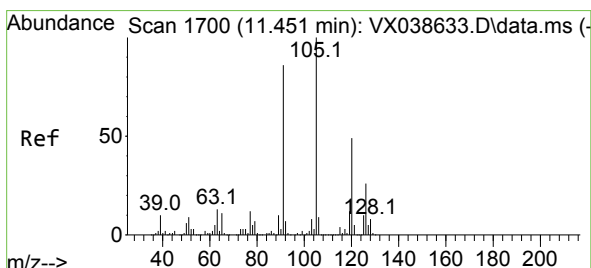
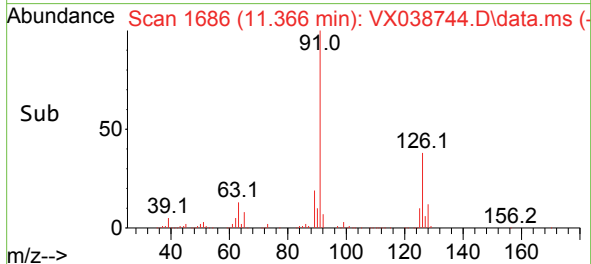
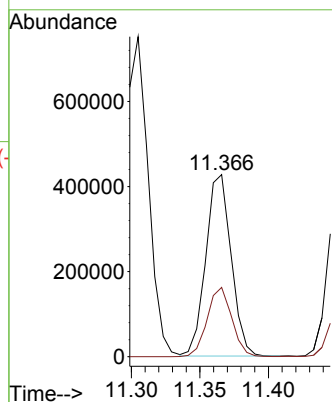
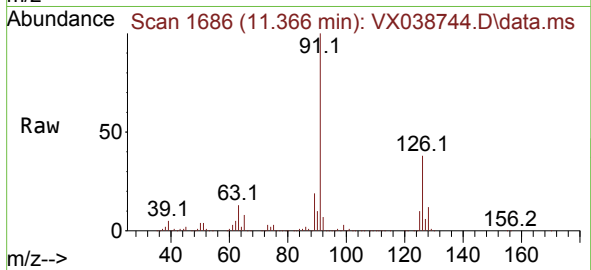
ClientSampleId :

Tgt Ion: 91 Resp: 548976

Ion Ratio Lower Upper

91 100

126 37.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 49.363 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038744.D

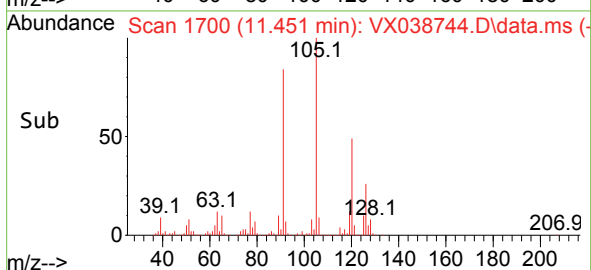
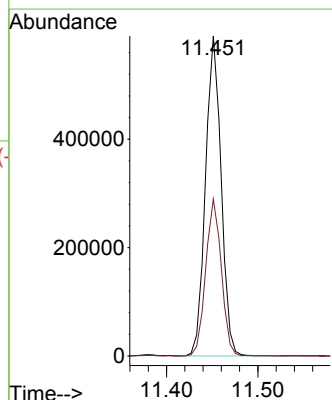
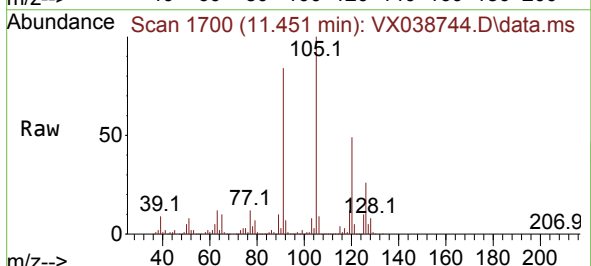
Acq: 10 Nov 2023 21:10

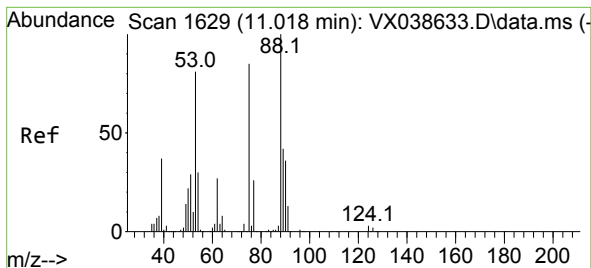
Tgt Ion:105 Resp: 698615

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.3

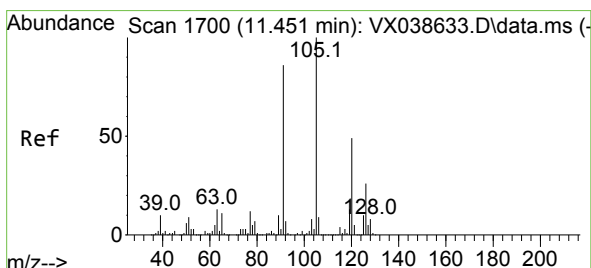
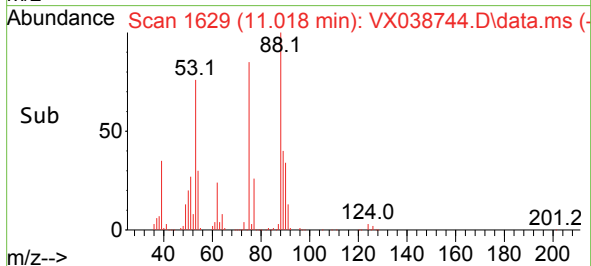
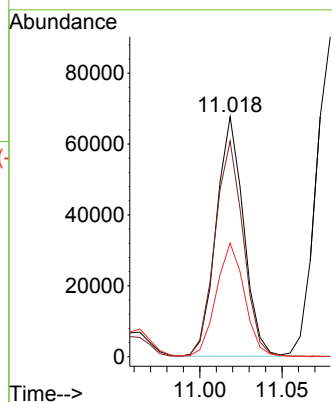
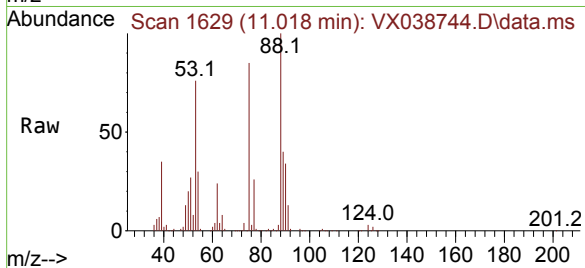




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.484 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

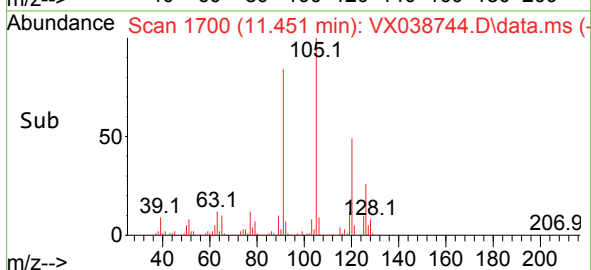
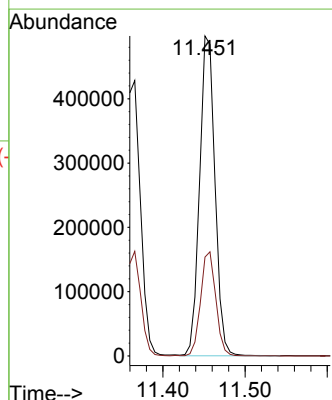
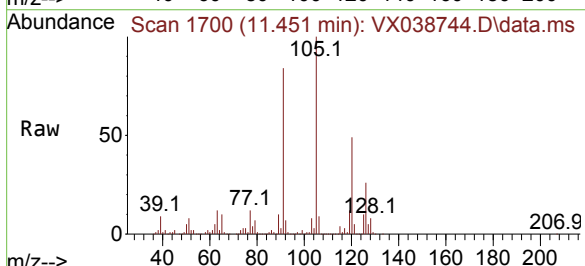
Instrument :  
MSVOA\_X  
ClientSampleId :

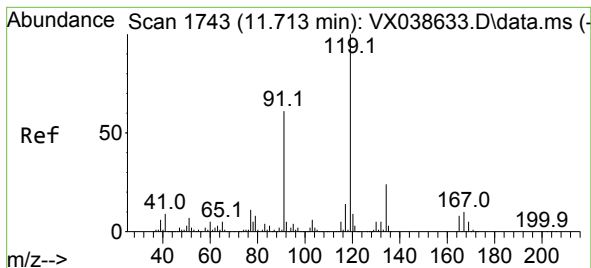
Tgt Ion: 75 Resp: 78270  
Ion Ratio Lower Upper  
75 100  
53 92.6 90.5 135.7  
89 49.1 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 48.342 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 91 Resp: 647016  
Ion Ratio Lower Upper  
91 100  
126 32.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.979 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :

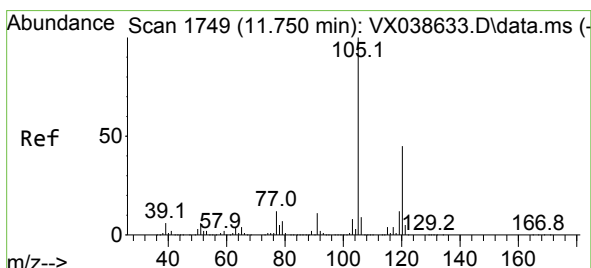
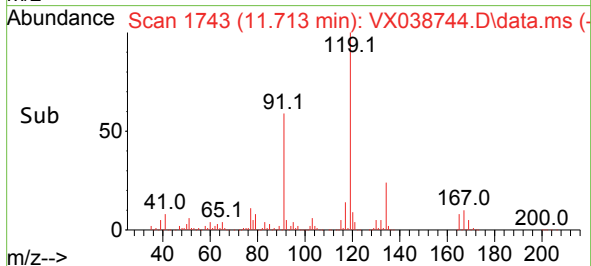
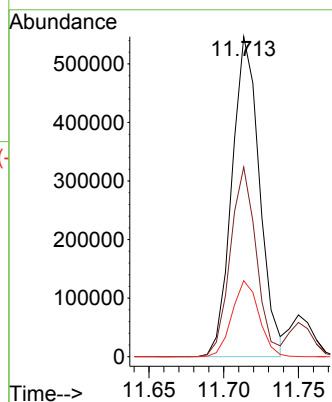
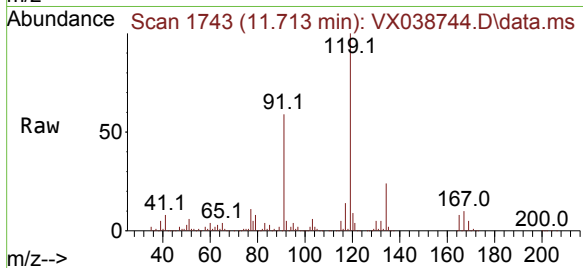
Tgt Ion:119 Resp: 702383

Ion Ratio Lower Upper

119 100

91 56.0 31.2 93.6

134 23.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 49.347 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038744.D

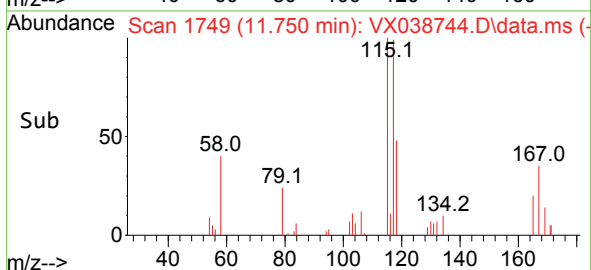
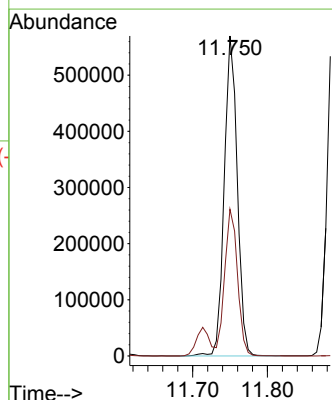
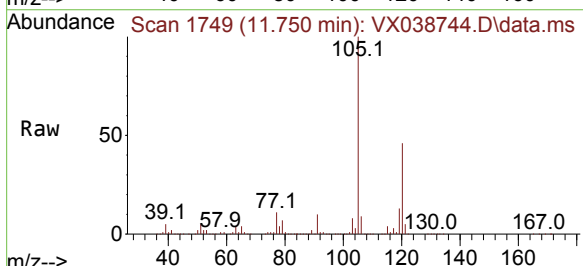
Acq: 10 Nov 2023 21:10

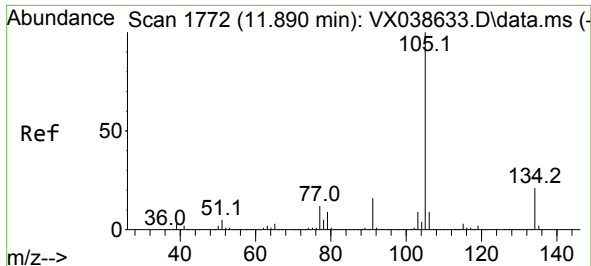
Tgt Ion:105 Resp: 692681

Ion Ratio Lower Upper

105 100

120 44.9 21.2 63.6

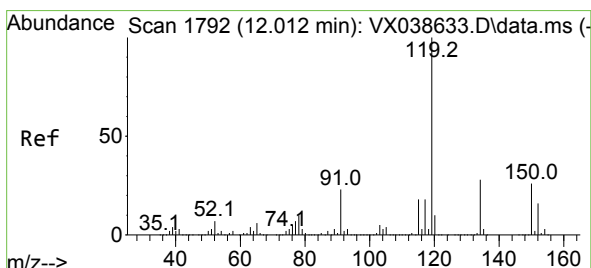
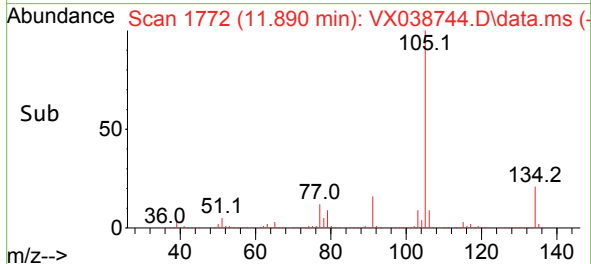
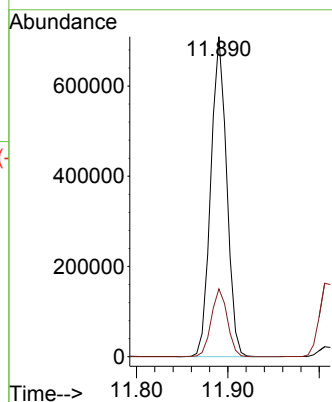
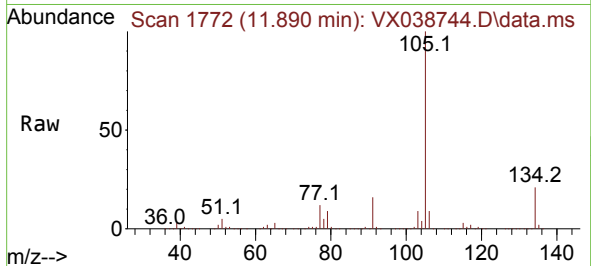




#85  
 sec-Butylbenzene  
 Concen: 47.759 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX038744.D  
 Acq: 10 Nov 2023 21:10

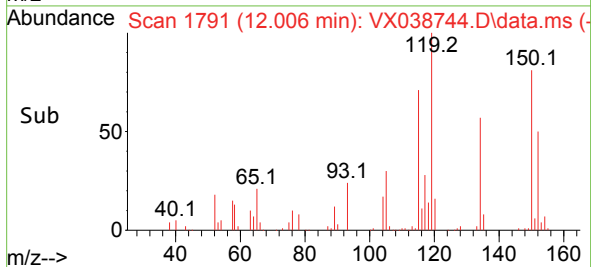
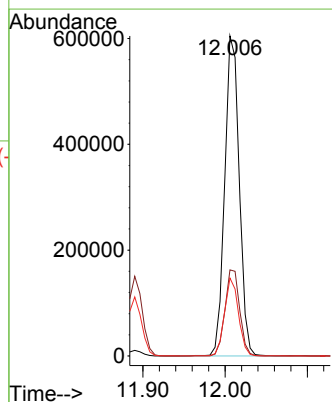
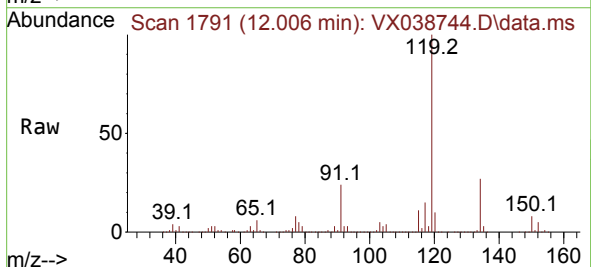
Instrument :  
 MSVOA\_X  
 ClientSampleId :

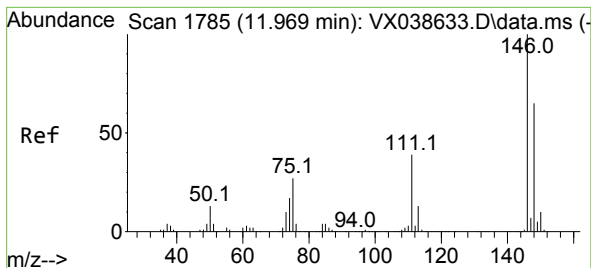
Tgt Ion:105 Resp: 854600  
 Ion Ratio Lower Upper  
 105 100  
 134 21.4 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 48.716 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.006 min  
 Lab File: VX038744.D  
 Acq: 10 Nov 2023 21:10

Tgt Ion:119 Resp: 742600  
 Ion Ratio Lower Upper  
 119 100  
 134 27.3 12.8 38.3  
 91 23.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.337 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

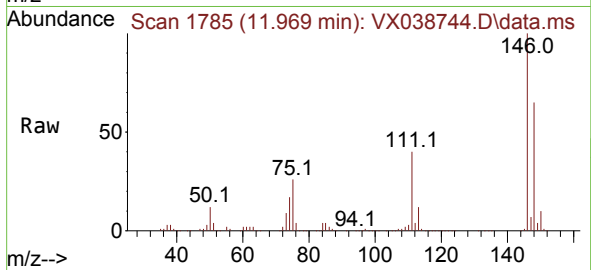
Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :



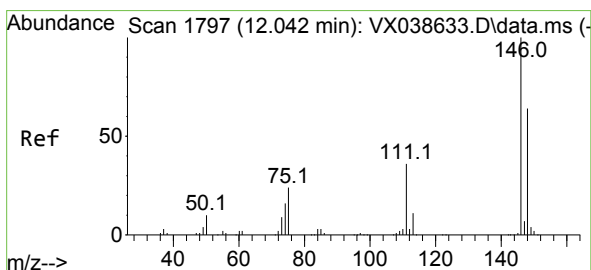
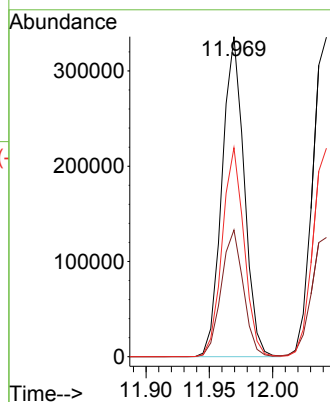
Tgt Ion:146 Resp: 408449

Ion Ratio Lower Upper

146 100

111 39.5 22.1 66.1

148 64.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.061 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

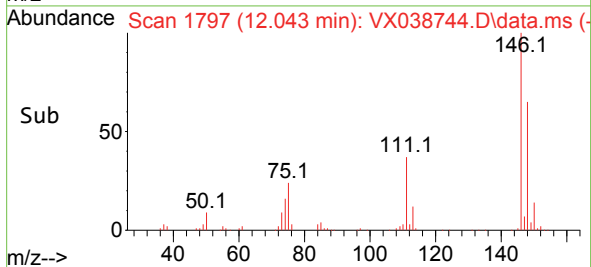
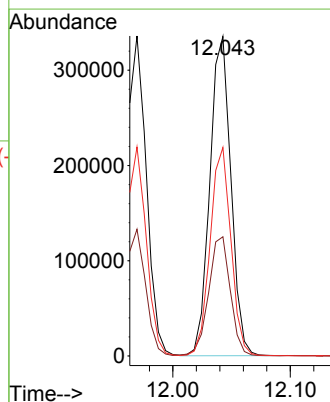
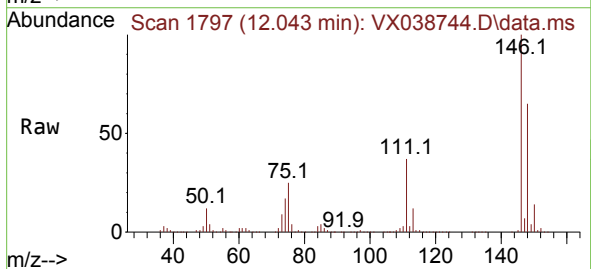
Tgt Ion:146 Resp: 417377

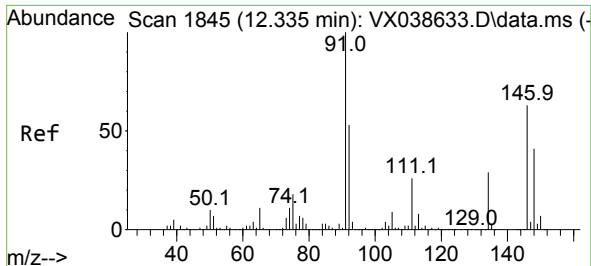
Ion Ratio Lower Upper

146 100

111 38.4 21.3 63.7

148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 46.784 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :

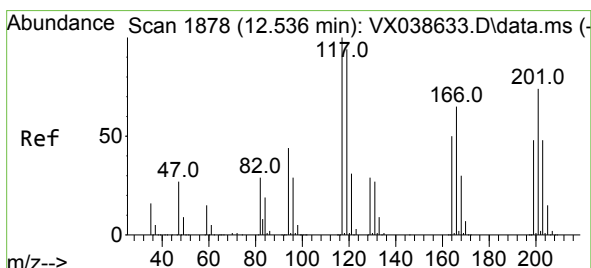
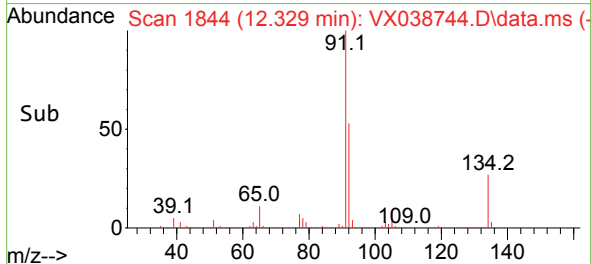
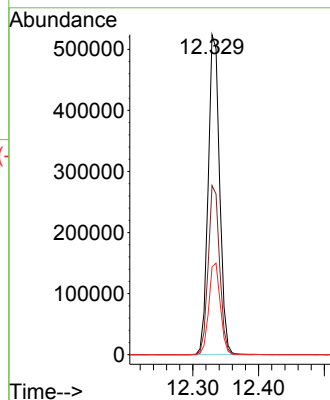
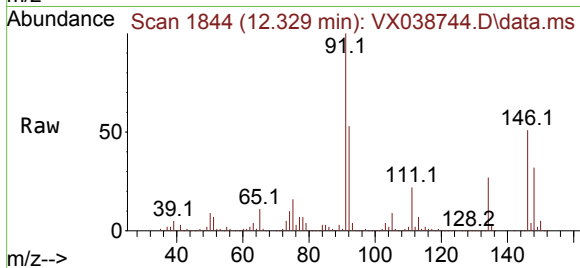
Tgt Ion: 91 Resp: 634625

Ion Ratio Lower Upper

91 100

92 52.7 27.4 82.0

134 28.7 12.6 37.8



#90

Hexachloroethane

Concen: 48.978 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038744.D

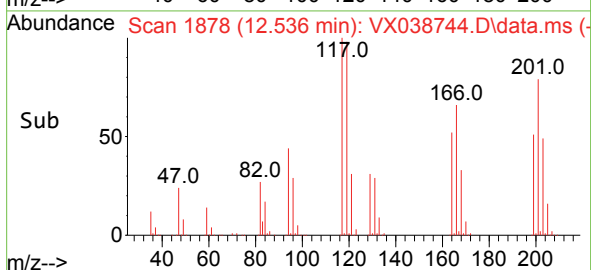
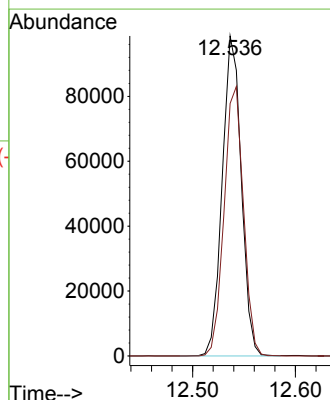
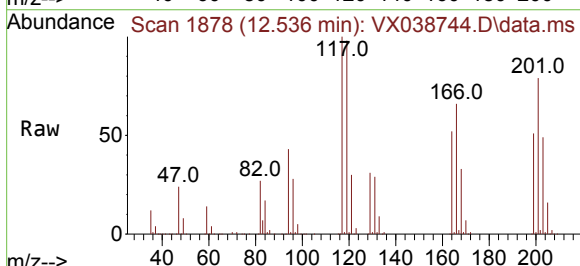
Acq: 10 Nov 2023 21:10

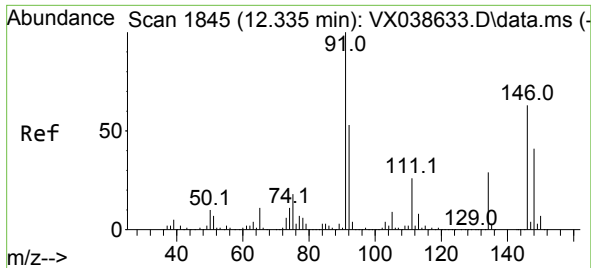
Tgt Ion:117 Resp: 126464

Ion Ratio Lower Upper

117 100

201 85.5 32.9 98.6

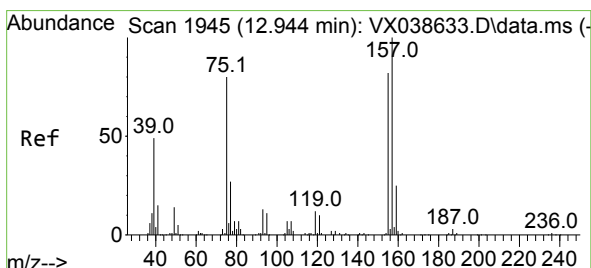
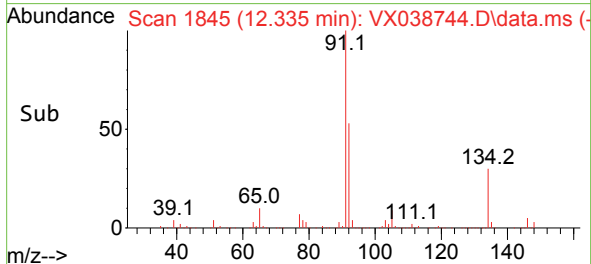
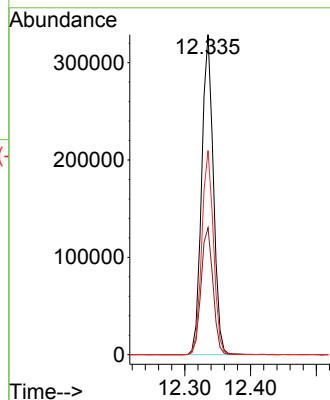
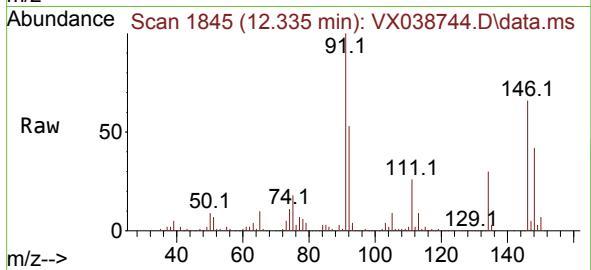




#91  
1,2-Dichlorobenzene  
Concen: 48.218 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

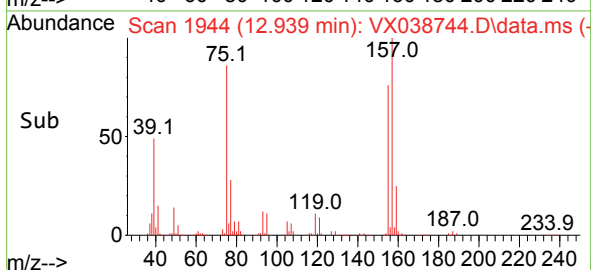
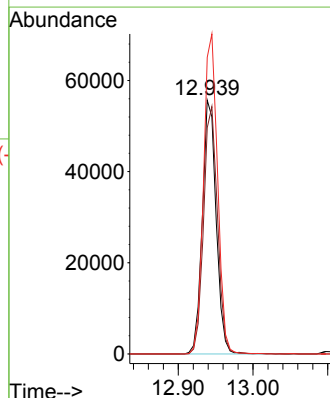
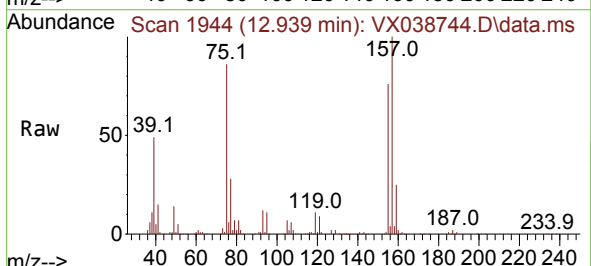
Instrument :  
MSVOA\_X  
ClientSampleId :

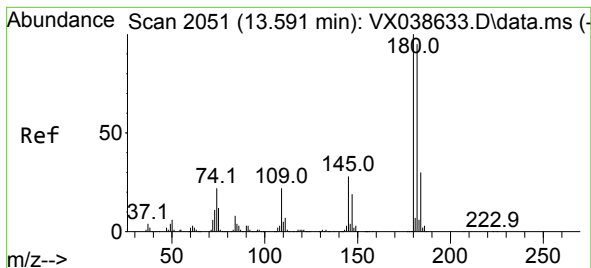
Tgt Ion:146 Resp: 406317  
Ion Ratio Lower Upper  
146 100  
111 40.6 22.4 67.0  
148 63.9 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.057 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX038744.D  
Acq: 10 Nov 2023 21:10

Tgt Ion: 75 Resp: 71521  
Ion Ratio Lower Upper  
75 100  
155 97.9 36.1 108.5  
157 127.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 47.776 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :

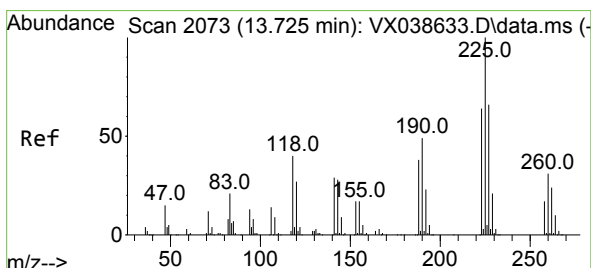
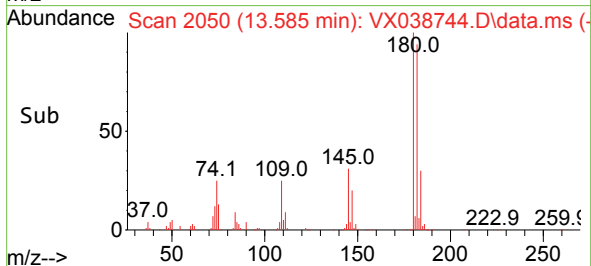
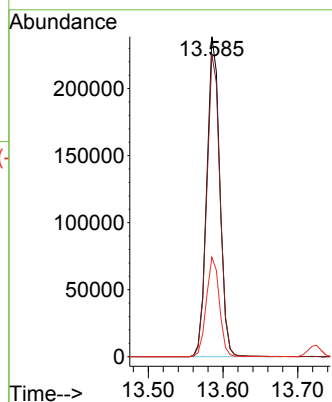
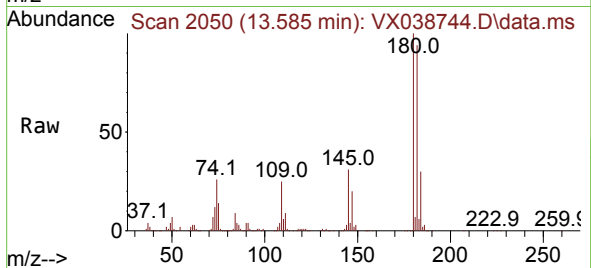
Tgt Ion:180 Resp: 287953

Ion Ratio Lower Upper

180 100

182 96.1 48.3 144.8

145 31.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 45.992 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

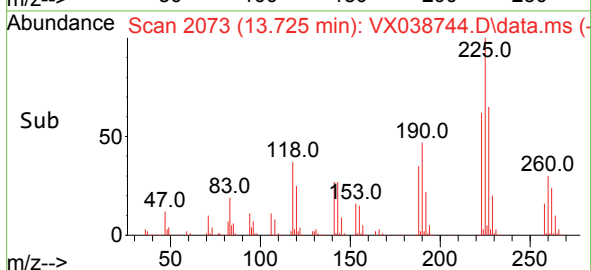
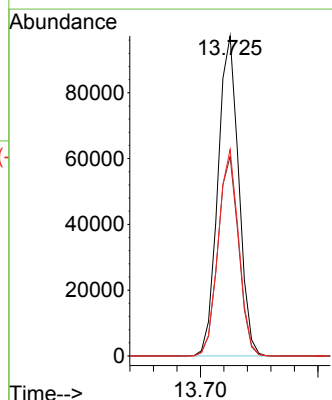
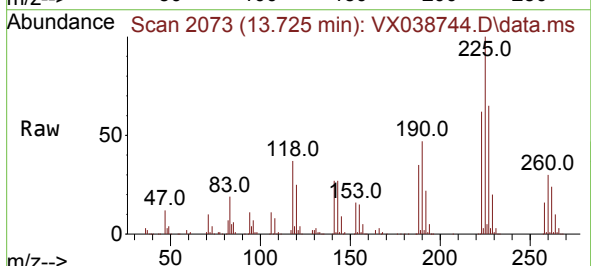
Tgt Ion:225 Resp: 119613

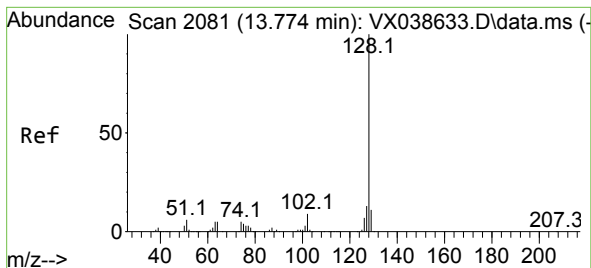
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.2

227 63.5 32.5 97.5





#95

Naphthalene

Concen: 50.274 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA\_X

ClientSampleId :

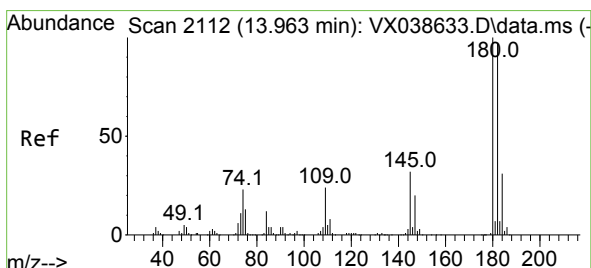
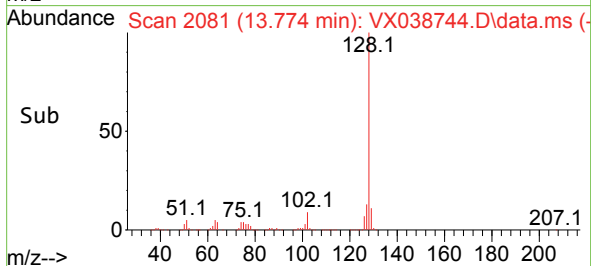
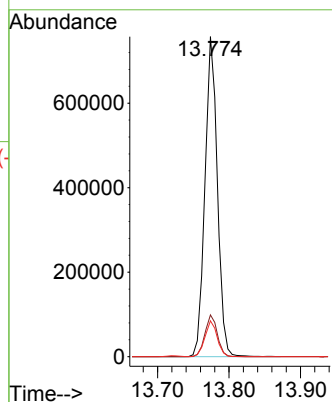
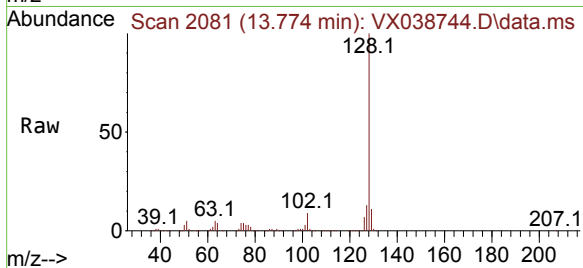
Tgt Ion:128 Resp: 914007

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.353 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Tgt Ion:180 Resp: 281306

Ion Ratio Lower Upper

180 100

182 95.4 46.9 140.6

145 33.0 17.8 53.5

