

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101223\  
 Data File : VX038254.D  
 Acq On : 12 Oct 2023 14:15  
 Operator : JC/MD  
 Sample : 04699-07 0.75PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 13 06:40:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 13 06:37:36 2023  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                        |           |       |          |          |        |          |
| Internal Standards           |           |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550     | 168   | 120755   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763     | 114   | 206616   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 198248   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 101085   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 97631    | 50.266   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | =      | 100.540% |
| 35) Dibromofluoromethane     | 5.385     | 113   | 74580    | 50.094   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =      | 100.180% |
| 50) Toluene-d8               | 8.647     | 98    | 273074   | 48.000   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | =      | 96.000%  |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 99528    | 46.146   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =      | 92.300%  |
| Target Compounds             |           |       |          |          |        |          |
|                              |           |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166     | 85    | 897      | 0.770    | ug/l   | 95       |
| 3) Chloromethane             | 1.301     | 50    | 990      | 0.833    | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374     | 62    | 1247     | 0.947    | ug/l   | 94       |
| 5) Bromomethane              | 1.611     | 94    | 1306     | 0.726    | ug/l   | 92       |
| 6) Chloroethane              | 1.691     | 64    | 1101     | 0.942    | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 1.892     | 101   | 2381     | 0.915    | ug/l   | 87       |
| 8) Diethyl Ether             | 2.136     | 74    | 862      | 0.888    | ug/l   | 80       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325     | 101   | 1000     | 0.880    | ug/l   | 86       |
| 10) Methyl Iodide            | 2.453     | 142   | 1127     | 0.690    | ug/l # | 93       |
| 11) Tert butyl alcohol       | 2.947     | 59    | 2534     | 5.358    | ug/l # | 90       |
| 12) 1,1-Dichloroethene       | 2.325     | 96    | 912      | 0.825    | ug/l   | 84       |
| 13) Acrolein                 | 2.233     | 56    | 995      | 3.604    | ug/l   | 85       |
| 14) Allyl chloride           | 2.666     | 41    | 1334     | 0.675    | ug/l   | 92       |
| 15) Acrylonitrile            | 3.068     | 53    | 3492     | 3.951    | ug/l   | 91       |
| 16) Acetone                  | 2.380     | 43    | 3619     | 4.465    | ug/l   | 96       |
| 17) Carbon Disulfide         | 2.508     | 76    | 2421     | 0.760    | ug/l   | 98       |
| 18) Methyl Acetate           | 2.709     | 43    | 2758     | 0.793    | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 3.111     | 73    | 2869     | 0.652    | ug/l   | 96       |
| 20) Methylene Chloride       | 2.794     | 84    | 1379     | 0.904    | ug/l # | 78       |
| 21) trans-1,2-Dichloroethene | 3.099     | 96    | 1057     | 0.773    | ug/l # | 81       |
| 22) Diisopropyl ether        | 3.764     | 45    | 2722     | 0.657    | ug/l # | 80       |
| 23) Vinyl Acetate            | 3.733     | 43    | 8539     | 2.811    | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 3.611     | 63    | 1784     | 0.710    | ug/l # | 86       |
| 25) 2-Butanone               | 4.568     | 43    | 4892     | 3.740    | ug/l # | 90       |
| 26) 2,2-Dichloropropane      | 4.477     | 77    | 1341     | 0.683    | ug/l # | 75       |
| 27) cis-1,2-Dichloroethene   | 4.495     | 96    | 1295     | 0.795    | ug/l   | 85       |
| 28) Bromochloromethane       | 4.904     | 49    | 912      | 0.804    | ug/l # | 69       |
| 29) Tetrahydrofuran          | 5.019     | 42    | 2998     | 3.521    | ug/l   | 96       |
| 30) Chloroform               | 5.093     | 83    | 2174     | 0.791    | ug/l   | 86       |
| 31) Cyclohexane              | 5.477     | 56    | 1486     | 0.706    | ug/l   | 91       |
| 32) 1,1,1-Trichloroethane    | 5.391     | 97    | 1619     | 0.688    | ug/l # | 49       |
| 36) 1,1-Dichloropropene      | 5.702     | 75    | 1515     | 0.738    | ug/l   | 90       |
| 37) Ethyl Acetate            | 4.721     | 43    | 2039     | 0.836    | ug/l # | 70       |
| 38) Carbon Tetrachloride     | 5.690     | 117   | 1633     | 0.809    | ug/l # | 74       |
| 39) Methylcyclohexane        | 7.385     | 83    | 1851     | 0.770    | ug/l # | 84       |
| 40) Benzene                  | 6.037     | 78    | 4307     | 0.750    | ug/l # | 84       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101223\  
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 Acq On : 12 Oct 2023 14:15  
 Operator : JC/MD  
 Sample : 04699-07 0.75PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 13 06:40:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 13 06:37:36 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 369      | 0.304  | ug/l # | 30       |
| 42) 1,2-Dichloroethane        | 6.098  | 62   | 1957     | 0.853  | ug/l   | 89       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 2323     | 0.638  | ug/l # | 67       |
| 44) Trichloroethene           | 7.135  | 130  | 1259     | 0.838  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 1099     | 0.739  | ug/l # | 70       |
| 46) Dibromomethane            | 7.592  | 93   | 908      | 0.788  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.830  | 83   | 1520     | 0.741  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.714  | 41   | 1114     | 0.641  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 588      | 13.732 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 7791     | 3.103  | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 2893     | 0.773  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.988  | 75   | 1172     | 0.532  | ug/l # | 81       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 1458     | 0.630  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 1112     | 0.695  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.128  | 69   | 1359     | 0.554  | ug/l # | 85       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 1933     | 0.747  | ug/l   | 93       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 3983     | 3.308  | ug/l   | 96       |
| 59) 2-Hexanone                | 9.433  | 43   | 6326     | 3.134  | ug/l   | 95       |
| 60) Dibromochloromethane      | 9.519  | 129  | 922      | 0.589  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 1180     | 0.682  | ug/l   | 96       |
| 64) Tetrachloroethene         | 9.275  | 164  | 1175     | 0.916  | ug/l # | 81       |
| 65) Chlorobenzene             | 10.079 | 112  | 3210     | 0.774  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 1053     | 0.751  | ug/l # | 63       |
| 67) Ethyl Benzene             | 10.201 | 91   | 5254     | 0.710  | ug/l # | 88       |
| 68) m/p-Xylenes               | 10.305 | 106  | 3972     | 1.387  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 1652     | 0.591  | ug/l   | 88       |
| 70) Styrene                   | 10.659 | 104  | 2708     | 0.595  | ug/l   | 93       |
| 71) Bromoform                 | 10.799 | 173  | 630      | 0.545  | ug/l # | 93       |
| 73) Isopropylbenzene          | 10.963 | 105  | 5122     | 0.756  | ug/l   | 97       |
| 74) N-amyl acetate            | 10.848 | 43   | 1615     | 0.558  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 1906     | 0.766  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 2025     | 0.881  | ug/l   | 92       |
| 77) Bromobenzene              | 11.201 | 156  | 1326     | 0.801  | ug/l   | 91       |
| 78) n-propylbenzene           | 11.305 | 91   | 6218     | 0.750  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 3753     | 0.763  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 4007     | 0.685  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 54799    | 76.133 | ug/l # | 5        |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 4079     | 0.701  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 4060     | 0.710  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 3812     | 0.654  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 5116     | 0.691  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 4287     | 0.702  | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 2578     | 0.776  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 11.969 | 146  | 2578     | 0.760  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.335 | 91   | 4047     | 0.665  | ug/l   | 92       |
| 90) Hexachloroethane          | 12.536 | 117  | 583      | 0.576  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 2276     | 0.712  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 298      | 0.495  | ug/l   | 73       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 1559     | 0.727  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 715      | 0.829  | ug/l   | 95       |
| 95) Naphthalene               | 13.780 | 128  | 4460     | 0.598  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1598     | 0.770  | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101223\  
Data File : VX038254.D  
Acq On : 12 Oct 2023 14:15  
Operator : JC/MD  
Sample : 04699-07 0.75PPB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 13 06:40:24 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 13 06:37:36 2023  
Response via : Initial Calibration

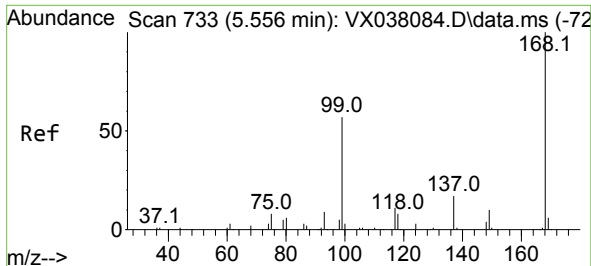
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**

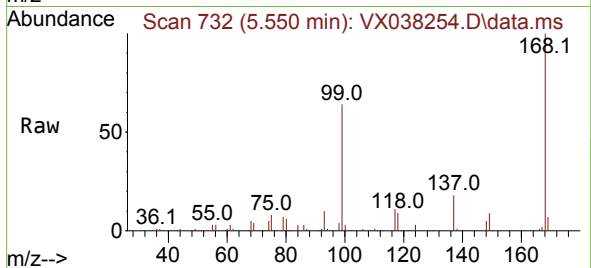
**Instrument :**  
MSVOA\_X  
**ClientSampleId :**



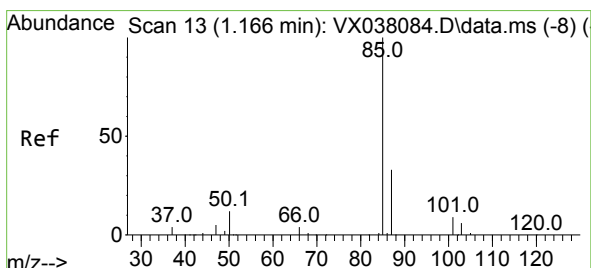
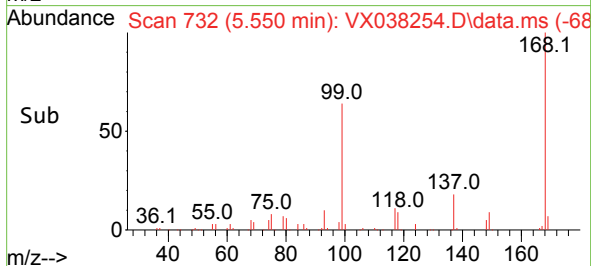
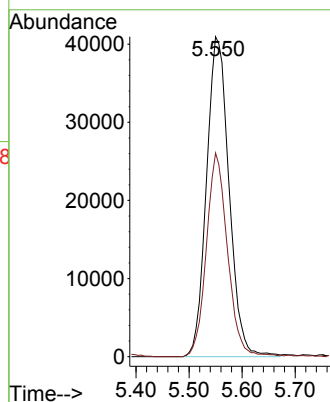


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Instrument :  
MSVOA\_X  
ClientSampleId :

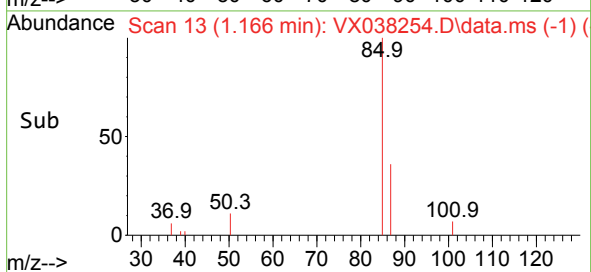
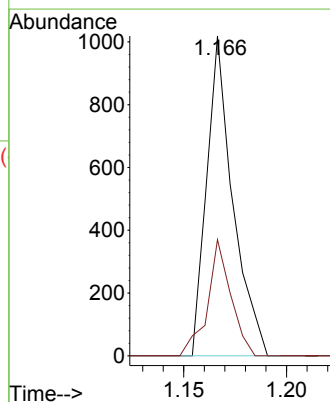
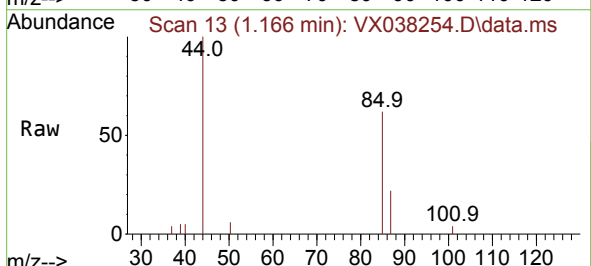


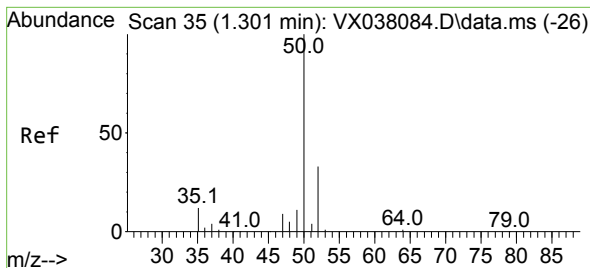
Tgt Ion:168 Resp: 120755  
Ion Ratio Lower Upper  
168 100  
99 63.7 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 0.770 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 85 Resp: 897  
Ion Ratio Lower Upper  
85 100  
87 36.3 16.7 50.1





#3

Chloromethane

Concen: 0.833 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

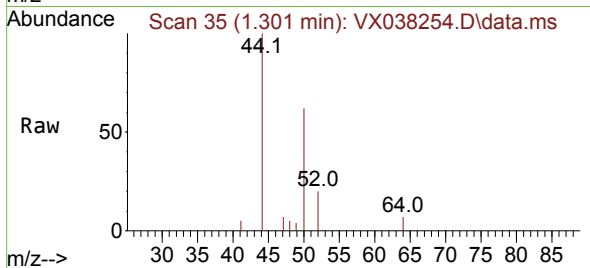
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Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :

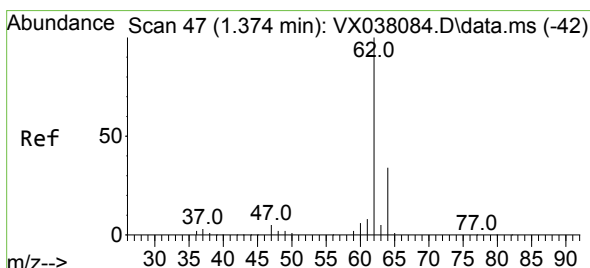
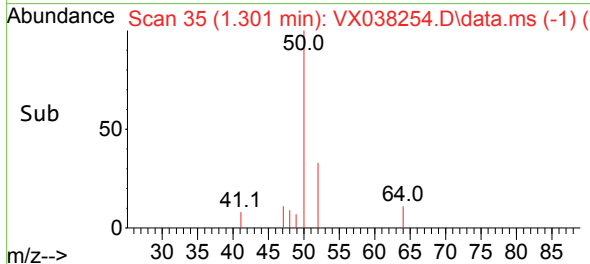
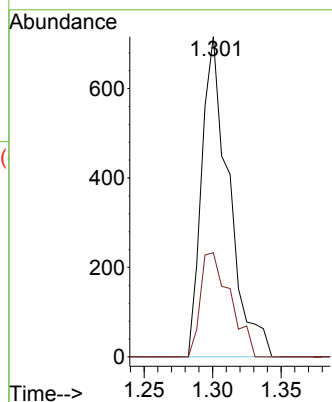


Tgt Ion: 50 Resp: 990

Ion Ratio Lower Upper

50 100

52 32.5 25.5 38.3



#4

Vinyl Chloride

Concen: 0.947 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038254.D

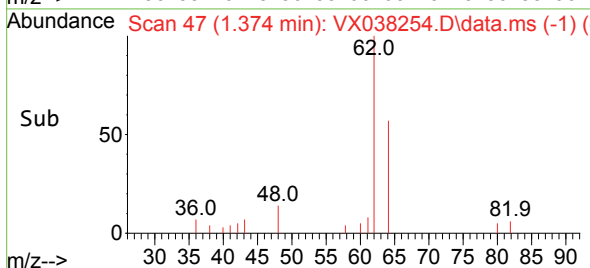
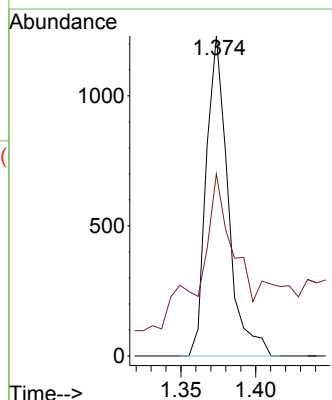
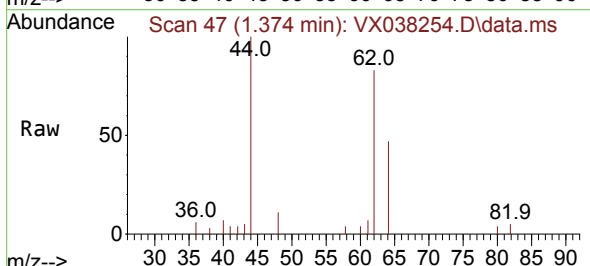
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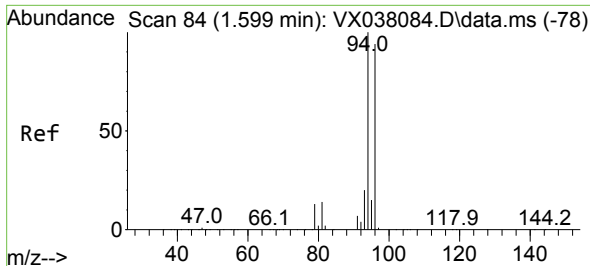
Tgt Ion: 62 Resp: 1247

Ion Ratio Lower Upper

62 100

64 35.2 25.4 38.0

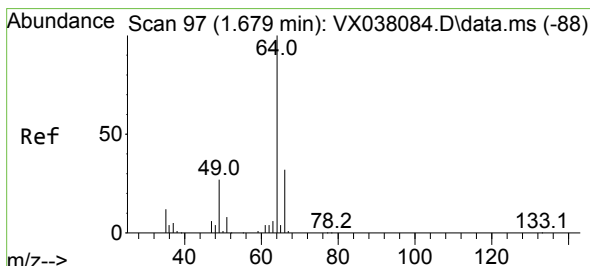
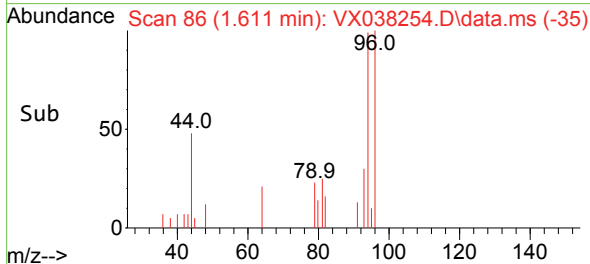
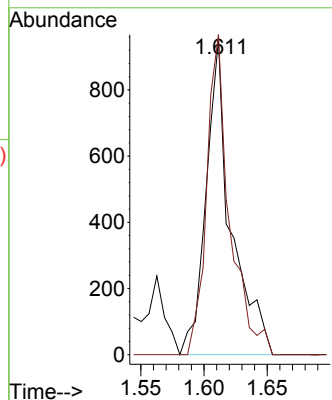
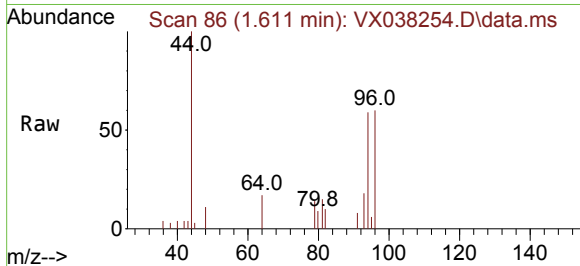




#5  
Bromomethane  
Concen: 0.726 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

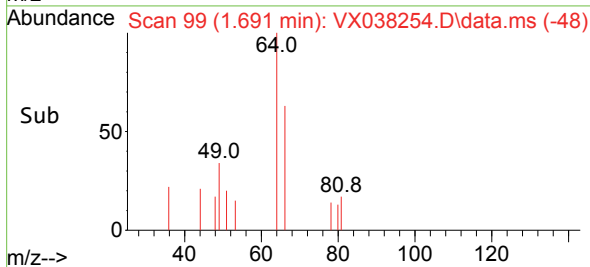
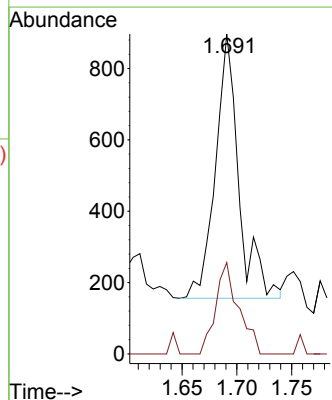
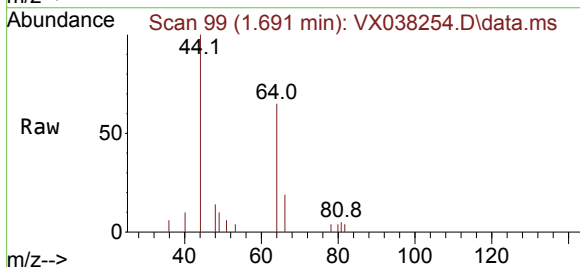
Instrument :  
MSVOA\_X  
ClientSampleId :

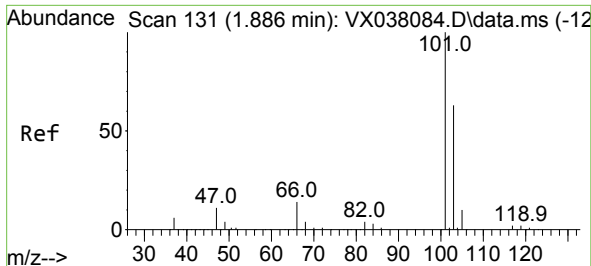
Tgt Ion: 94 Resp: 1306  
Ion Ratio Lower Upper  
94 100  
96 101.4 74.6 111.8



#6  
Chloroethane  
Concen: 0.942 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.012 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 64 Resp: 1101  
Ion Ratio Lower Upper  
64 100  
66 34.5 25.1 37.7

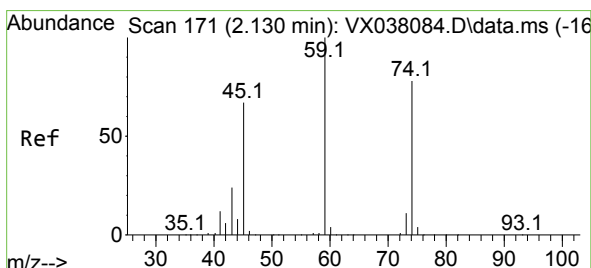
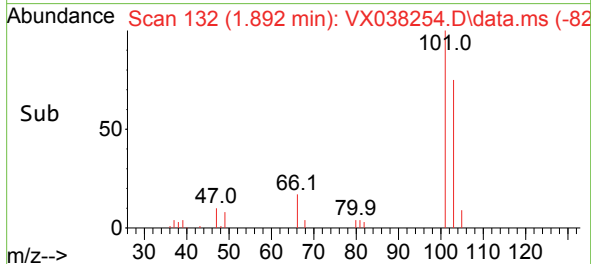
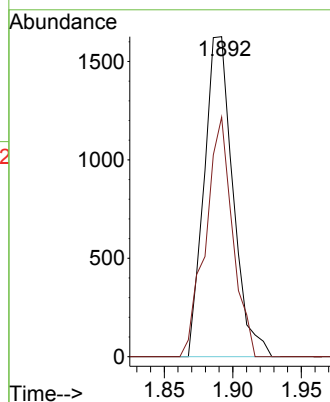
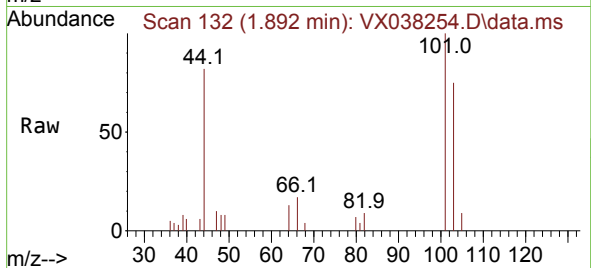




#7  
 Trichlorofluoromethane  
 Concen: 0.915 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX038254.D  
 Acq: 12 Oct 2023 14:15

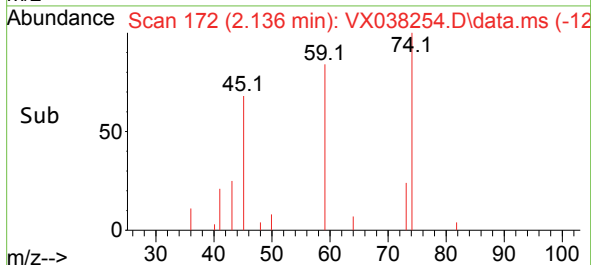
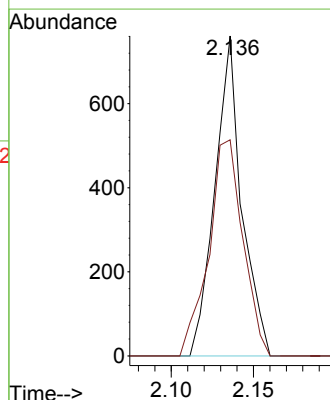
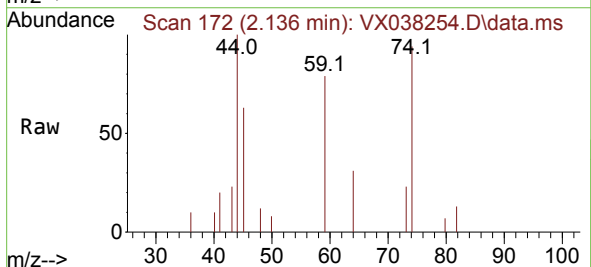
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:101 Resp: 2381  
 Ion Ratio Lower Upper  
 101 100  
 103 74.8 51.4 77.2

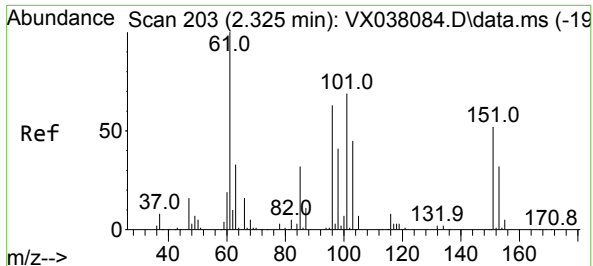


#8  
 Diethyl Ether  
 Concen: 0.888 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX038254.D  
 Acq: 12 Oct 2023 14:15

Tgt Ion: 74 Resp: 862  
 Ion Ratio Lower Upper  
 74 100  
 45 86.0 53.3 159.8



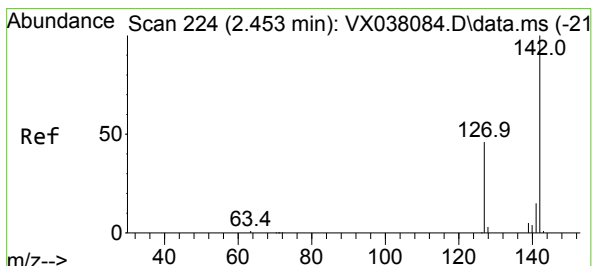
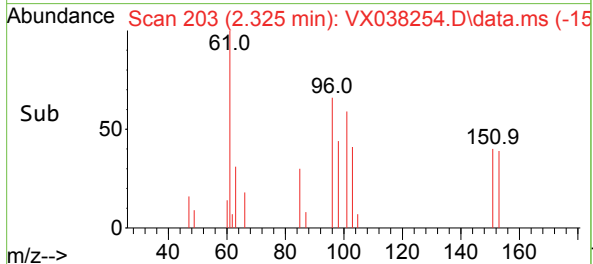
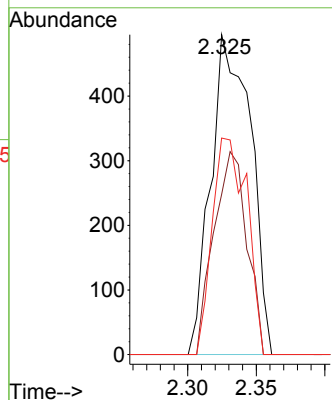
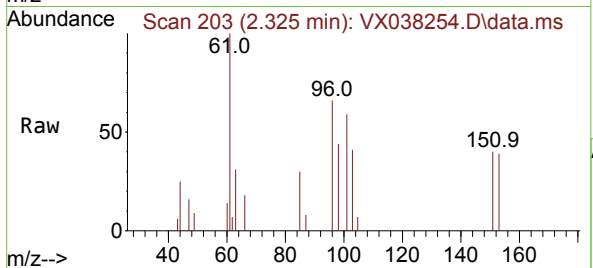




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.880 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

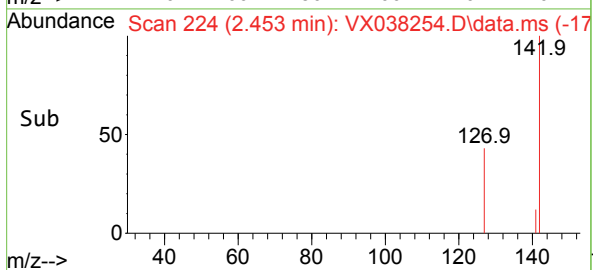
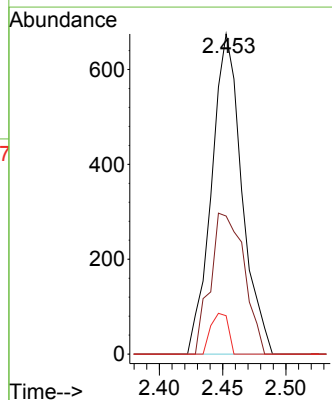
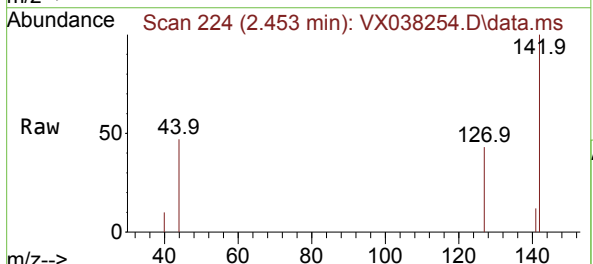
Instrument :  
MSVOA\_X  
ClientSampleId :

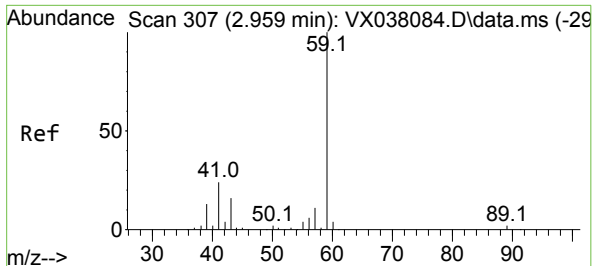
Tgt Ion:101 Resp: 1000  
Ion Ratio Lower Upper  
101 100  
85 52.7 37.0 55.6  
151 58.9 58.6 87.8



#10  
Methyl Iodide  
Concen: 0.690 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

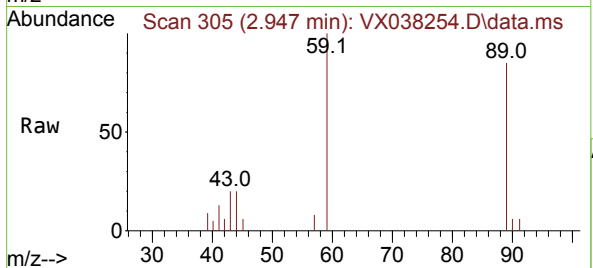
Tgt Ion:142 Resp: 1127  
Ion Ratio Lower Upper  
142 100  
127 48.8 41.6 62.4  
141 7.4 11.6 17.4#



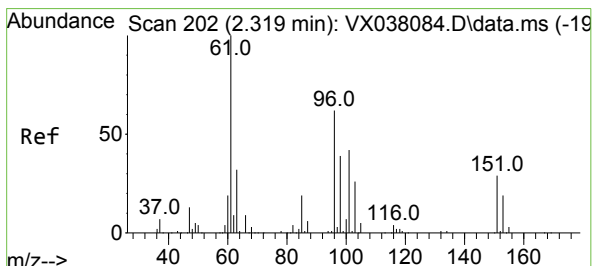
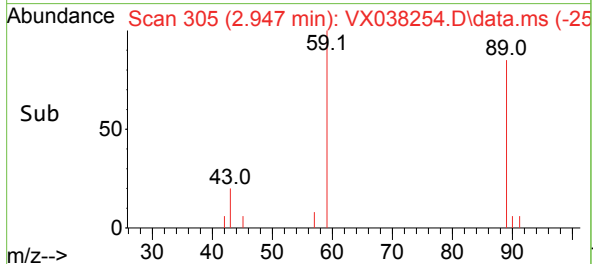
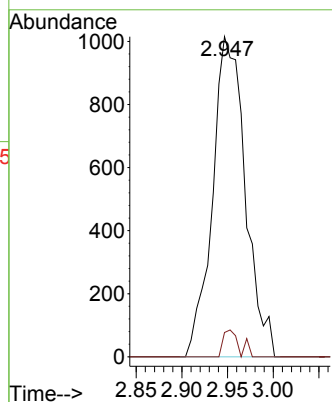


#11  
Tert butyl alcohol  
Concen: 5.358 ug/l  
RT: 2.947 min Scan# 307  
Delta R.T. -0.012 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Instrument :  
MSVOA\_X  
ClientSampleId :

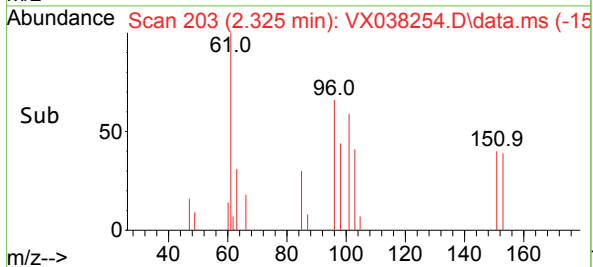
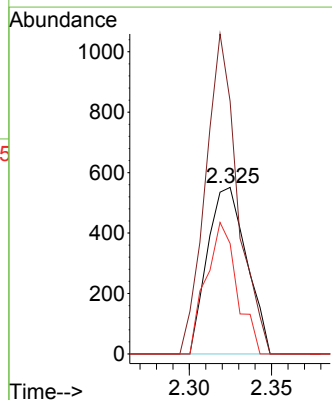
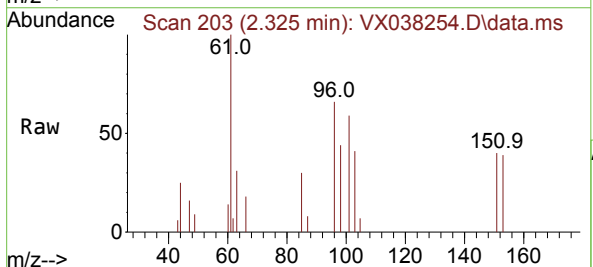


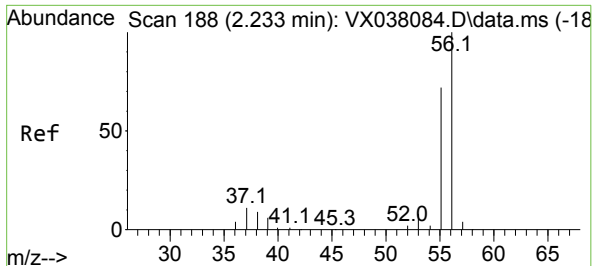
Tgt Ion: 59 Resp: 2534  
Ion Ratio Lower Upper  
59 100  
57 4.1 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 0.825 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 96 Resp: 912  
Ion Ratio Lower Upper  
96 100  
61 151.7 144.6 216.8  
98 66.2 50.4 75.6





#13

Acrolein

Concen: 3.604 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

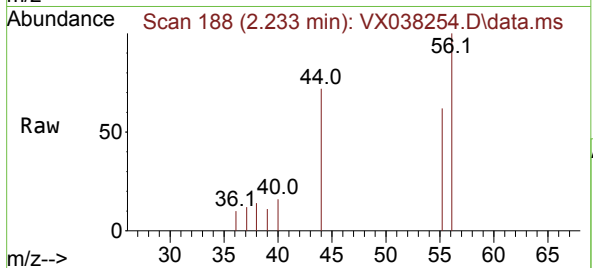
Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :

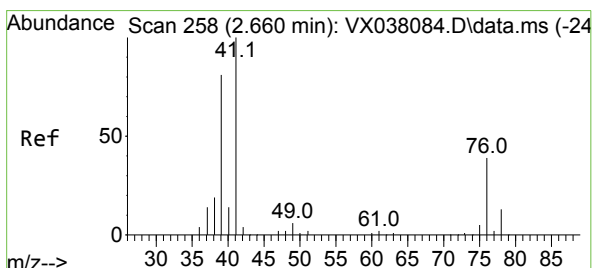
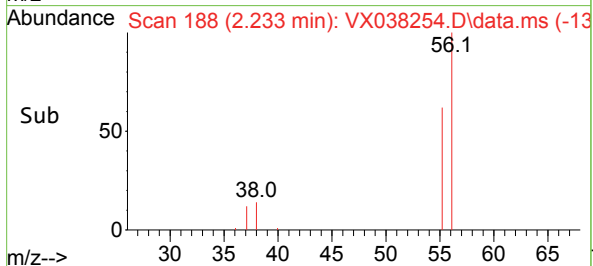
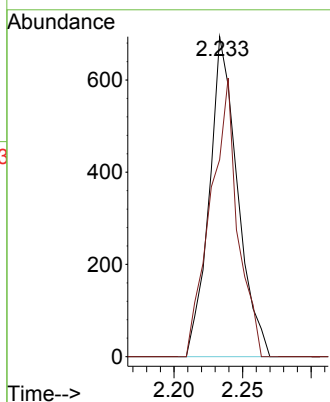


Tgt Ion: 56 Resp: 995

Ion Ratio Lower Upper

56 100

55 83.7 57.1 85.7



#14

Allyl chloride

Concen: 0.675 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

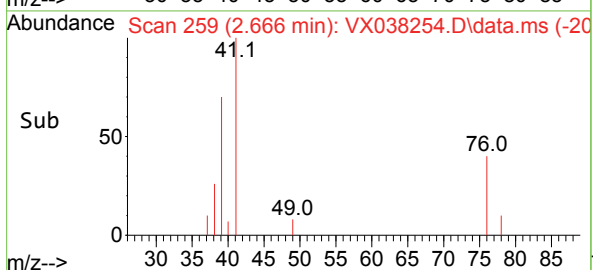
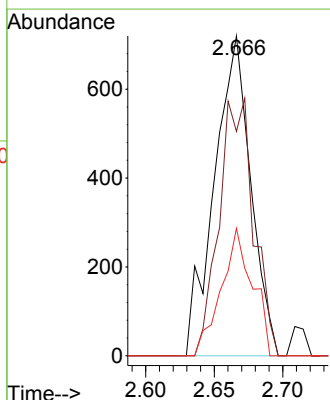
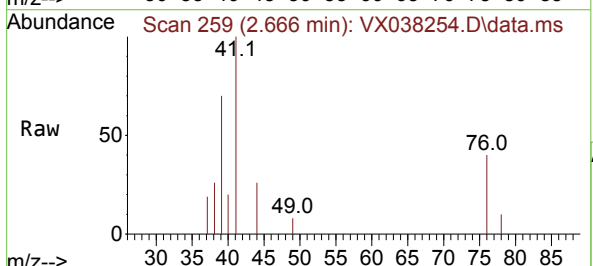
Tgt Ion: 41 Resp: 1334

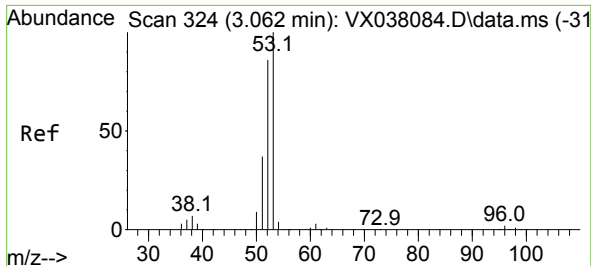
Ion Ratio Lower Upper

41 100

39 76.2 55.8 83.6

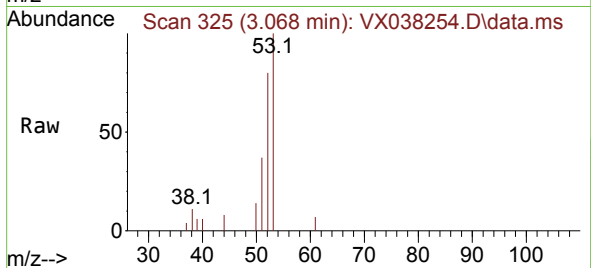
76 34.2 24.3 36.5



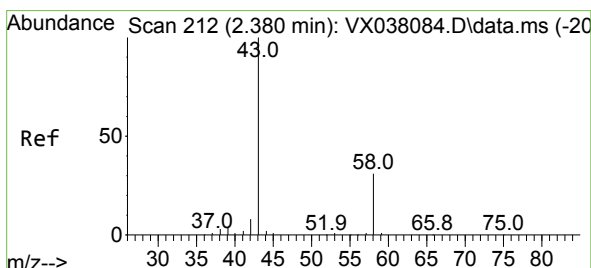
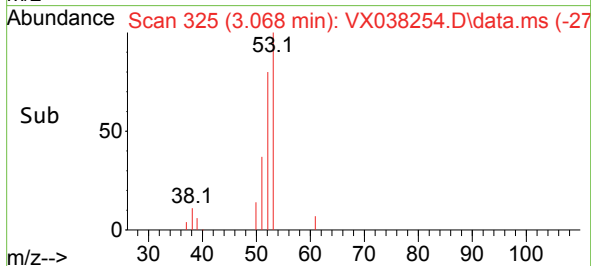
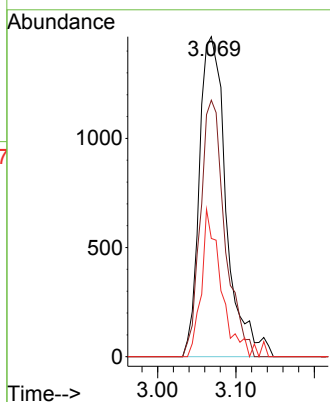


#15  
Acrylonitrile  
Concen: 3.951 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Instrument :  
MSVOA\_X  
ClientSampleId :

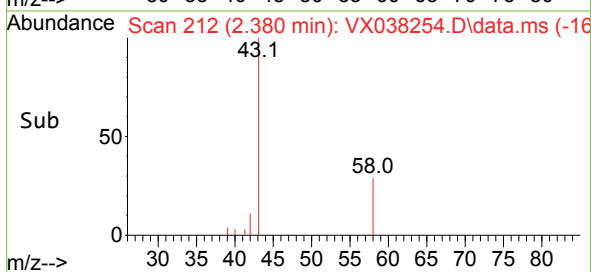
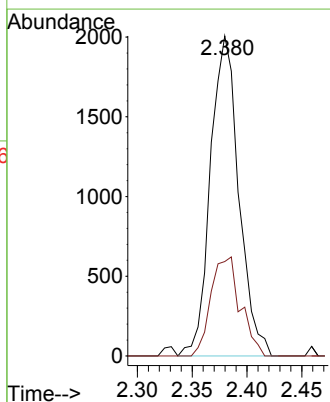
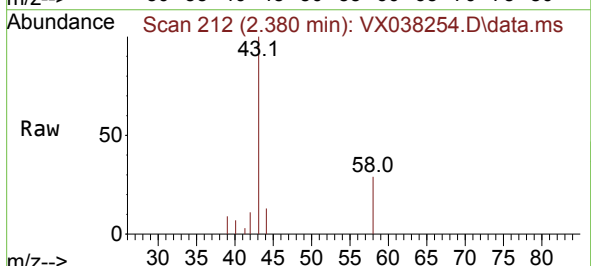


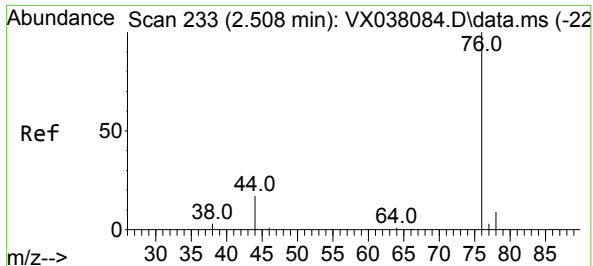
Tgt Ion: 53 Resp: 3492  
Ion Ratio Lower Upper  
53 100  
52 73.3 66.0 99.0  
51 33.3 29.8 44.6



#16  
Acetone  
Concen: 4.465 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

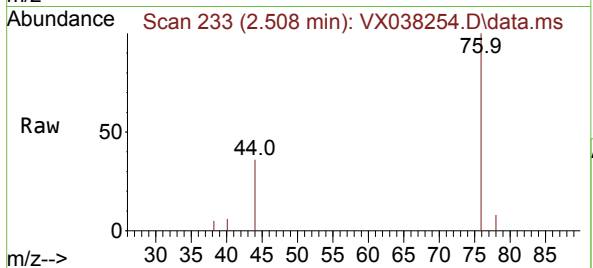
Tgt Ion: 43 Resp: 3619  
Ion Ratio Lower Upper  
43 100  
58 29.5 21.9 32.9



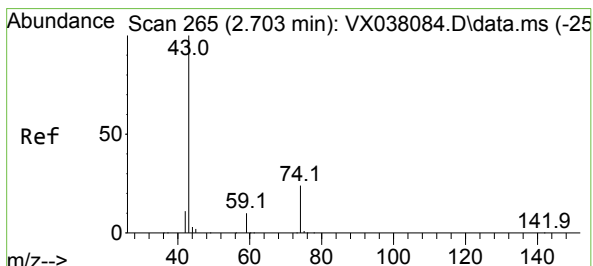
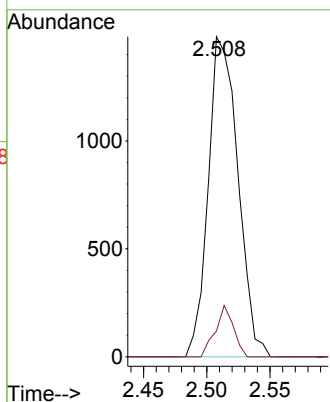
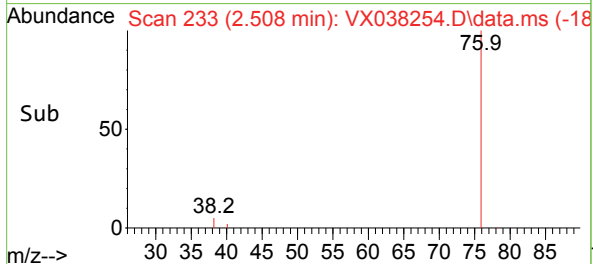


#17  
Carbon Disulfide  
Concen: 0.760 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

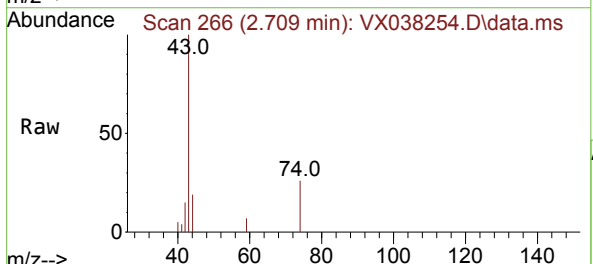
Instrument :  
MSVOA\_X  
ClientSampleId :



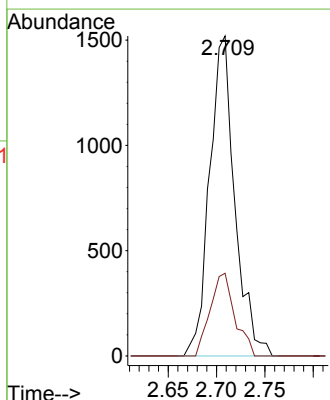
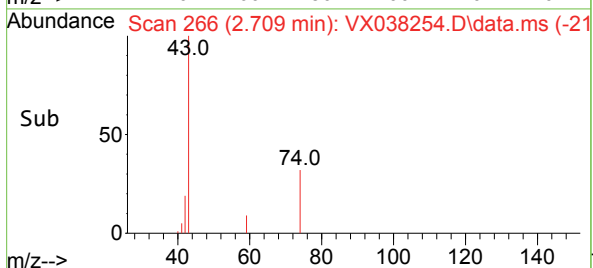
Tgt Ion: 76 Resp: 2421  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.0 10.6

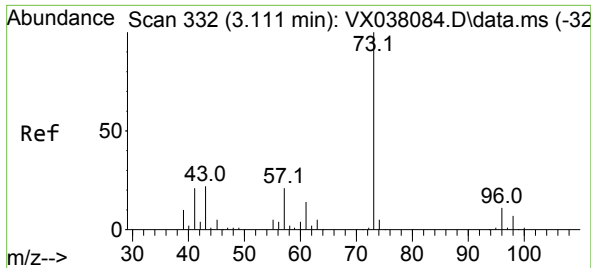


#18  
Methyl Acetate  
Concen: 0.793 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15



Tgt Ion: 43 Resp: 2758  
Ion Ratio Lower Upper  
43 100  
74 25.2 17.8 26.8

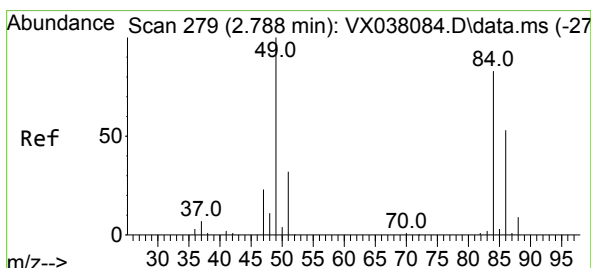
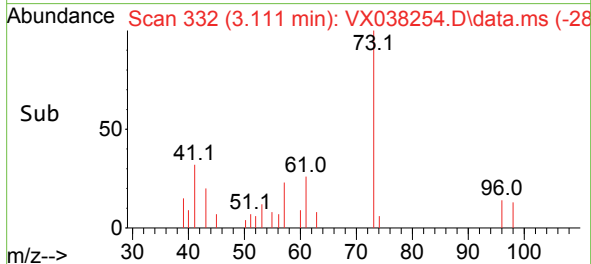
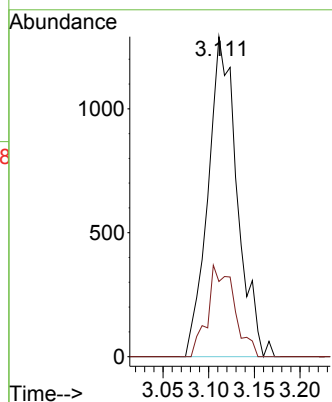
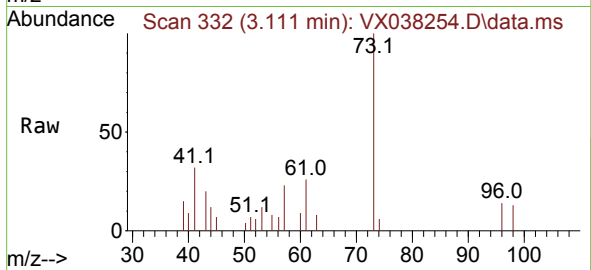




#19  
Methyl tert-butyl Ether  
Concen: 0.652 ug/l  
RT: 3.111 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

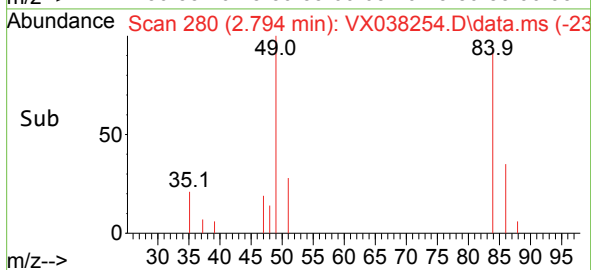
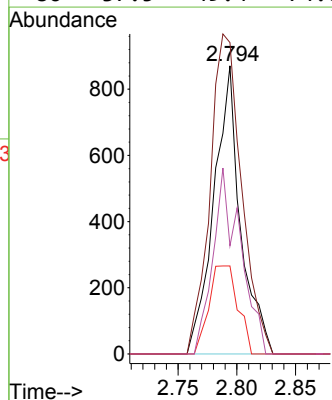
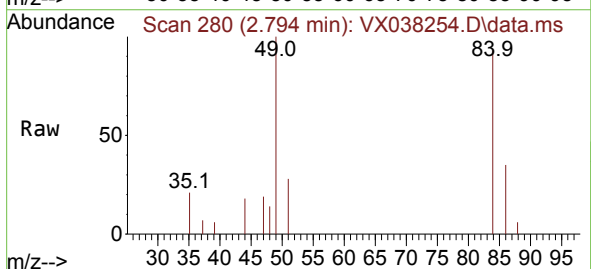
Instrument :  
MSVOA\_X  
ClientSampleId :

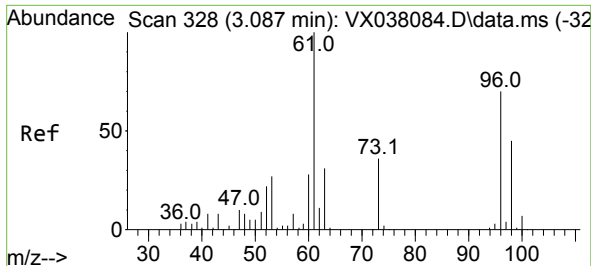
Tgt Ion: 73 Resp: 2869  
Ion Ratio Lower Upper  
73 100  
57 23.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 0.904 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 84 Resp: 1379  
Ion Ratio Lower Upper  
84 100  
49 108.0 103.6 155.4  
51 30.5 33.8 50.6#  
86 37.5 49.4 74.0#

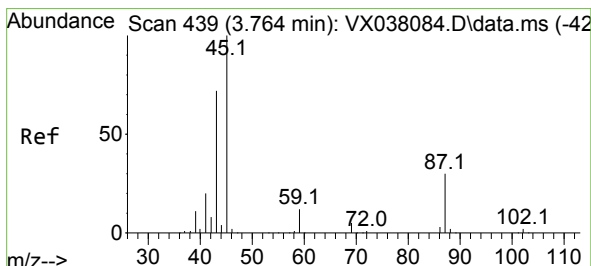
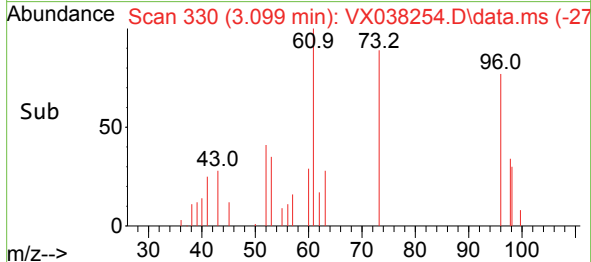
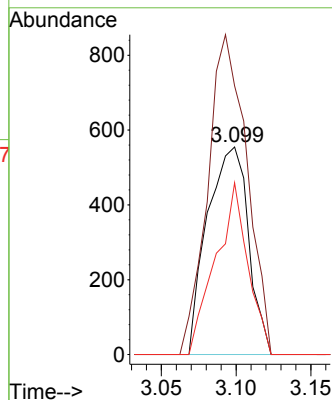
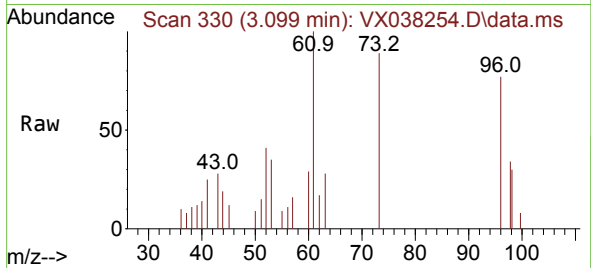




#21  
trans-1,2-Dichloroethene  
Concen: 0.773 ug/l  
RT: 3.099 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

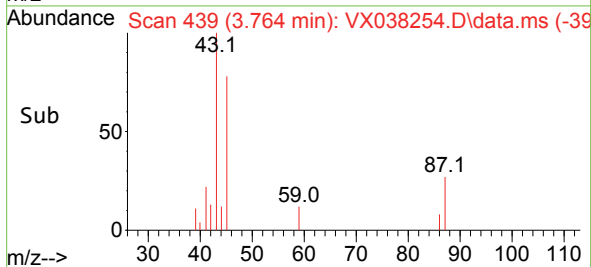
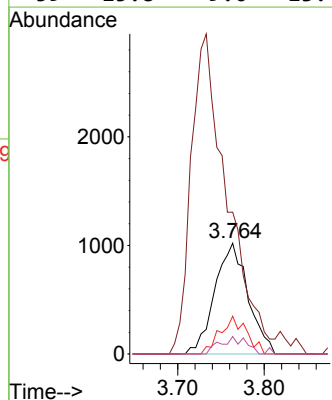
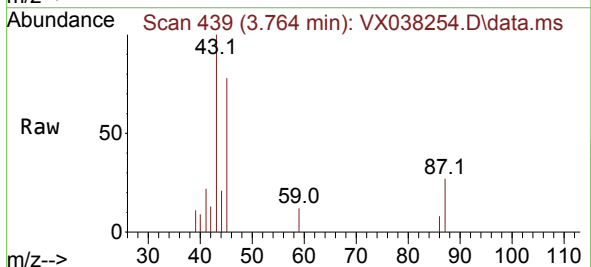
Instrument :  
MSVOA\_X  
ClientSampleId :

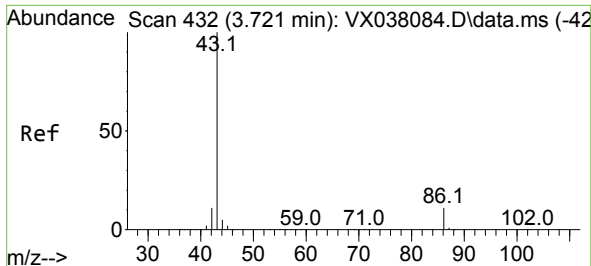
Tgt Ion: 96 Resp: 1057  
Ion Ratio Lower Upper  
96 100  
61 129.4 119.2 178.8  
98 82.7 48.7 73.1#



#22  
Diisopropyl ether  
Concen: 0.657 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 45 Resp: 2722  
Ion Ratio Lower Upper  
45 100  
43 107.5 69.7 104.5#  
87 34.2 20.8 31.2#  
59 15.8 9.0 13.4#

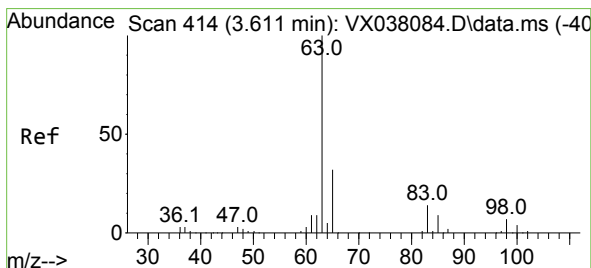
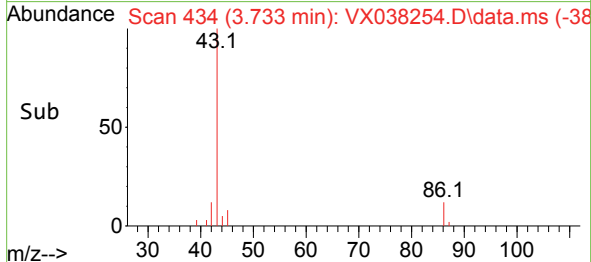
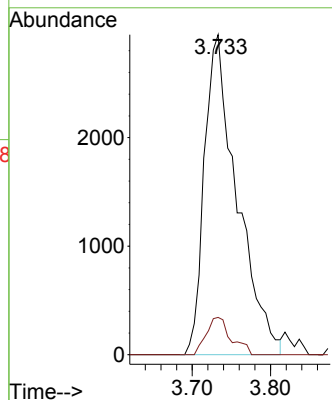
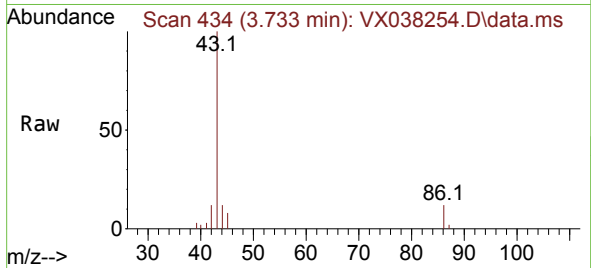




#23  
 Vinyl Acetate  
 Concen: 2.811 ug/l  
 RT: 3.733 min Scan# 41  
 Delta R.T. 0.012 min  
 Lab File: VX038254.D  
 Acq: 12 Oct 2023 14:15

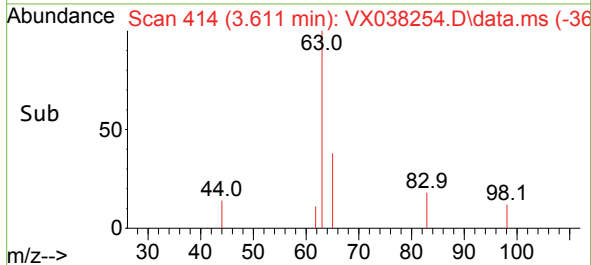
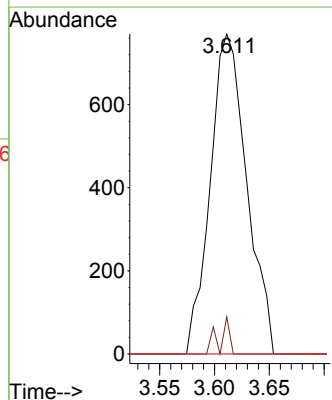
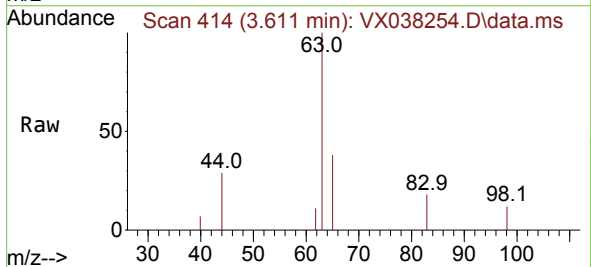
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 43 Resp: 8539  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 7.8 11.8

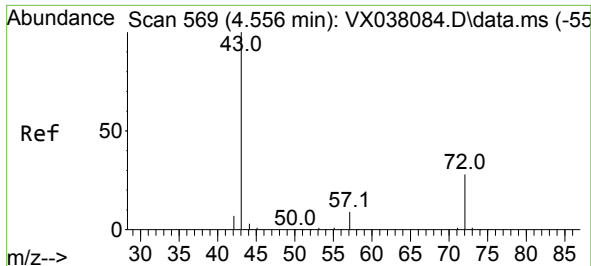


#24  
 1,1-Dichloroethane  
 Concen: 0.710 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX038254.D  
 Acq: 12 Oct 2023 14:15

Tgt Ion: 63 Resp: 1784  
 Ion Ratio Lower Upper  
 63 100  
 98 11.6 3.3 9.8#  
 100 0.0 2.1 6.5#







#25

2-Butanone

Concen: 3.740 ug/l

RT: 4.568 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

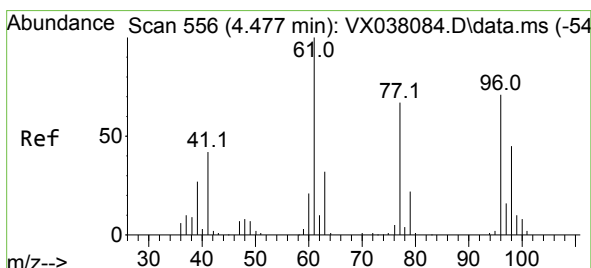
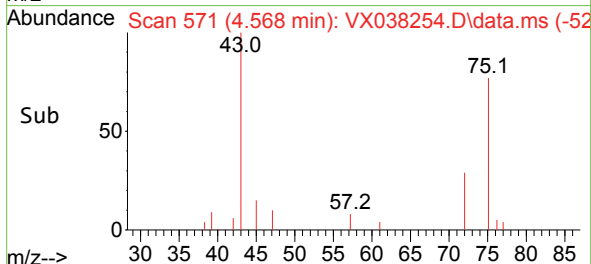
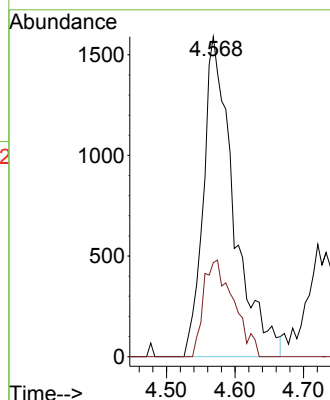
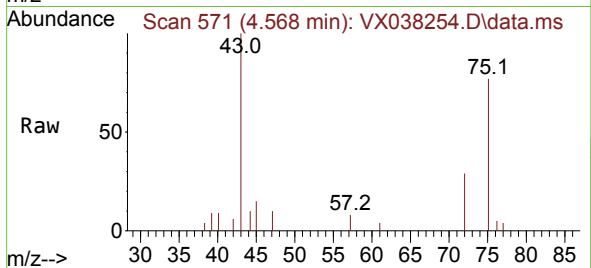
ClientSampleId :

Tgt Ion: 43 Resp: 4892

Ion Ratio Lower Upper

43 100

72 29.4 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.683 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX038254.D

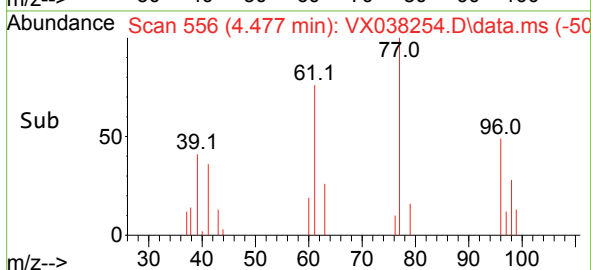
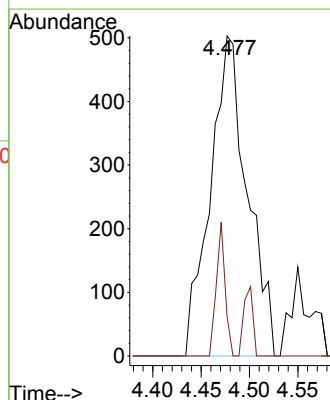
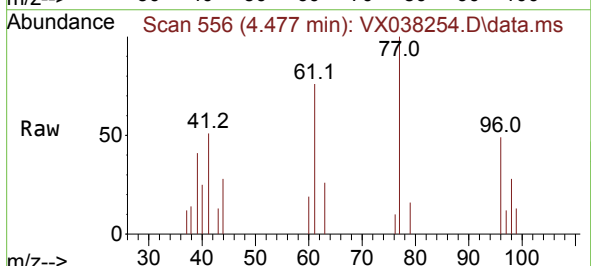
Acq: 12 Oct 2023 14:15

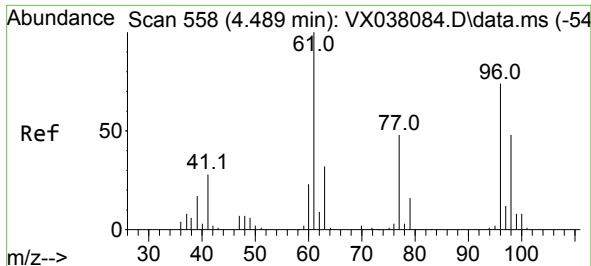
Tgt Ion: 77 Resp: 1341

Ion Ratio Lower Upper

77 100

97 9.9 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.795 ug/l

RT: 4.495 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :

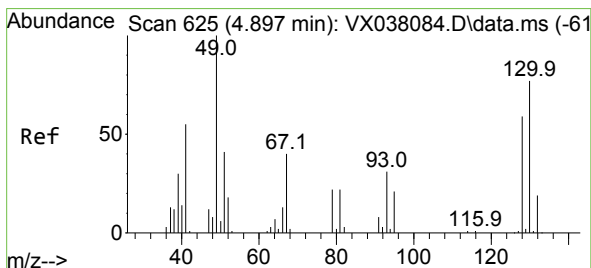
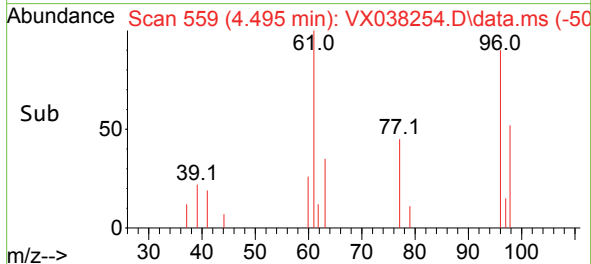
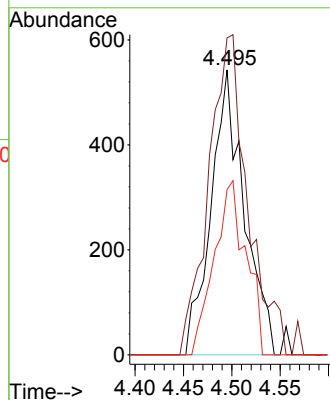
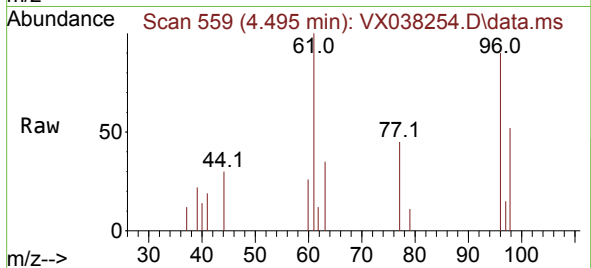
Tgt Ion: 96 Resp: 1295

Ion Ratio Lower Upper

96 100

61 131.7 0.0 312.2

98 58.6 0.0 129.0



#28

Bromochloromethane

Concen: 0.804 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

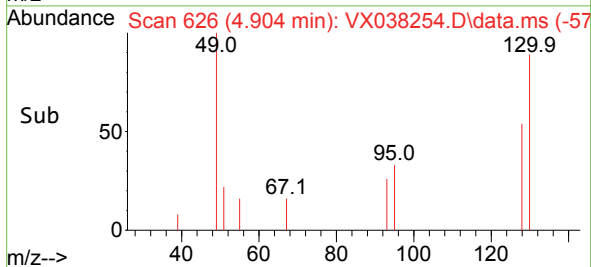
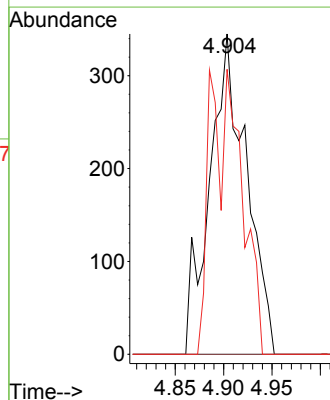
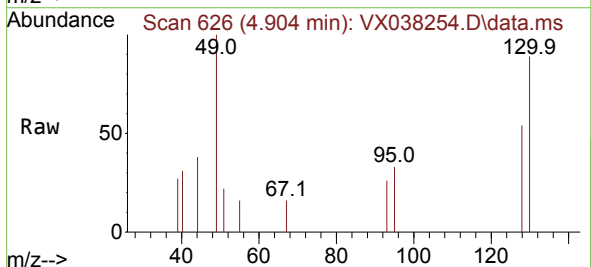
Tgt Ion: 49 Resp: 912

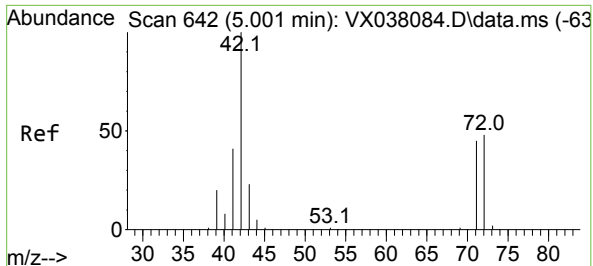
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 45.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 3.521 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX038254.D

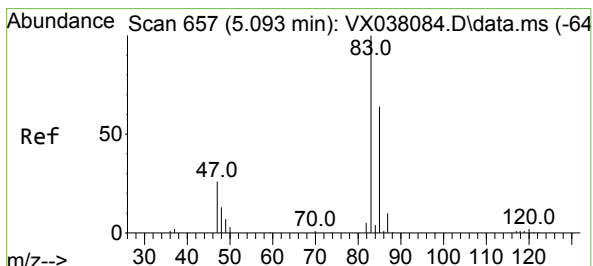
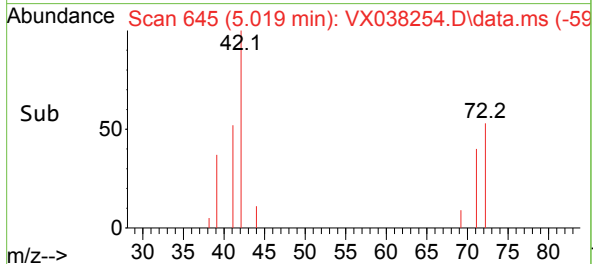
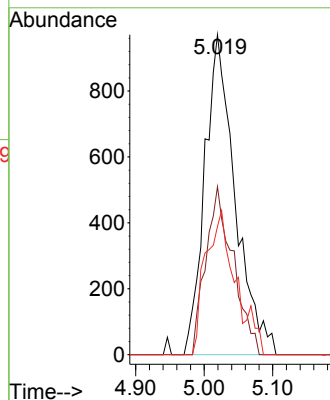
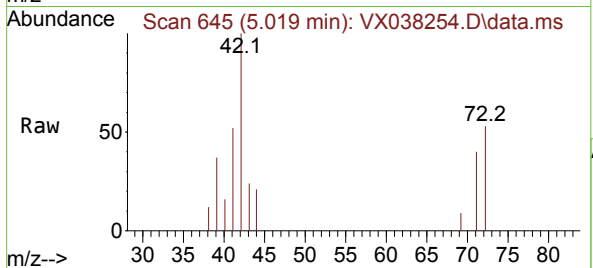
Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 2998  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 47.1  | 34.2  | 51.4  |
| 71       | 40.9  | 32.2  | 48.2  |



#30

Chloroform

Concen: 0.791 ug/l

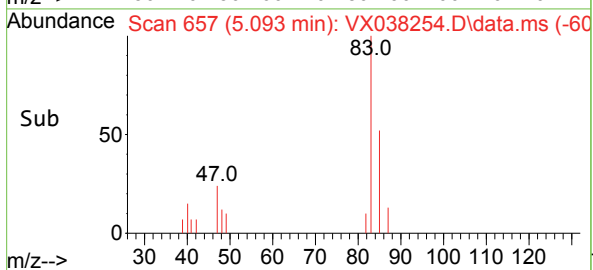
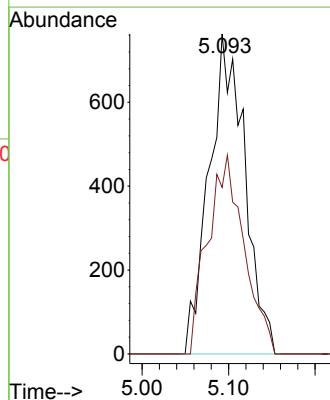
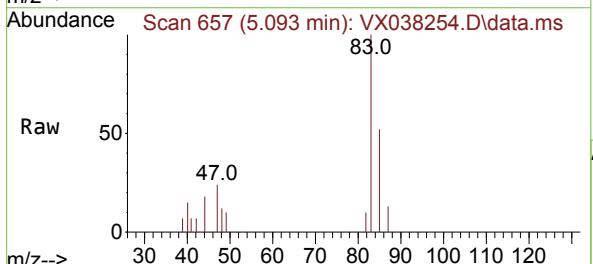
RT: 5.093 min Scan# 657

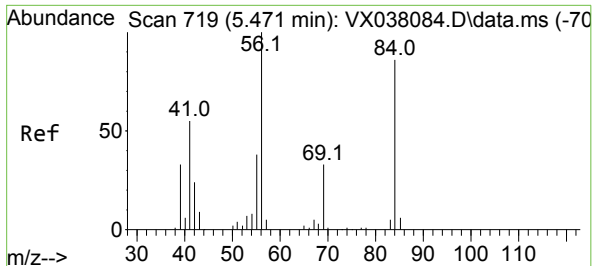
Delta R.T. -0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

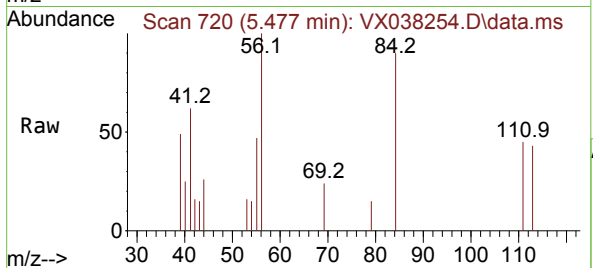
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 2174  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 52.0  | 50.3  | 75.5  |



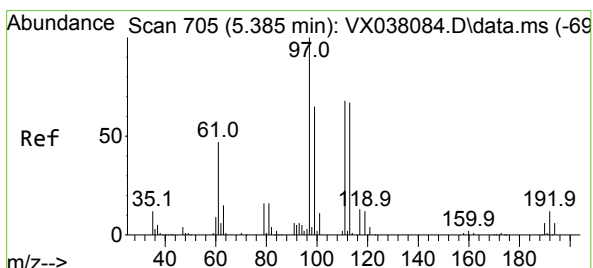
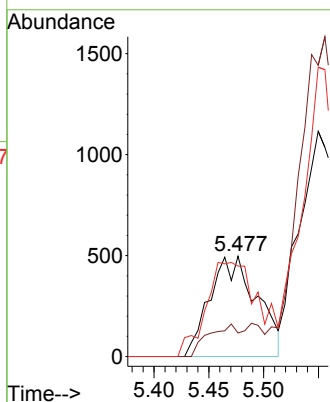
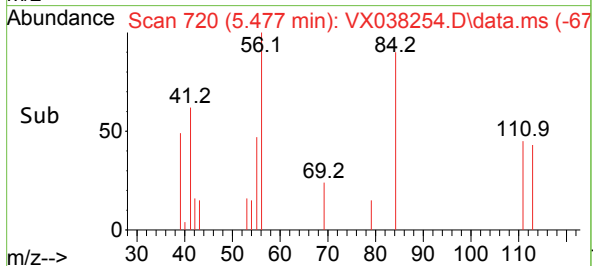


#31  
Cyclohexane  
Concen: 0.706 ug/l  
RT: 5.477 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

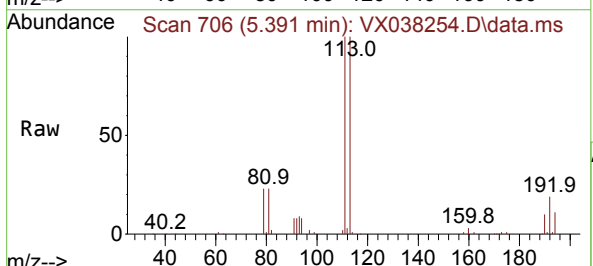
Instrument :  
MSVOA\_X  
ClientSampleId :



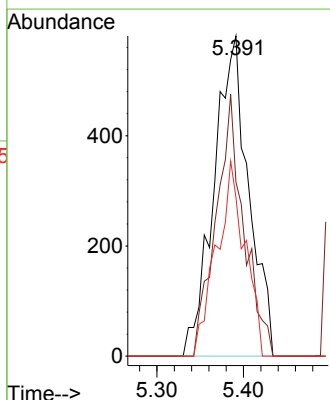
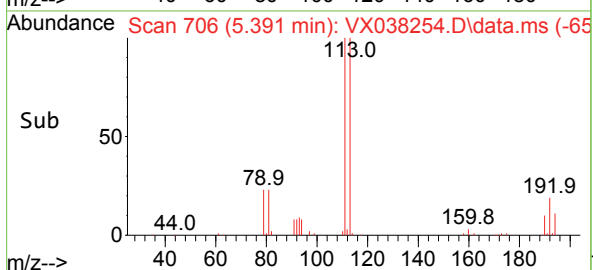
Tgt Ion: 56 Resp: 1486  
Ion Ratio Lower Upper  
56 100  
69 23.5 23.4 35.2  
84 90.1 65.9 98.9

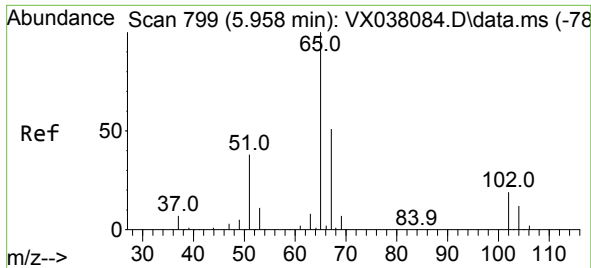


#32  
1,1,1-Trichloroethane  
Concen: 0.688 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15



Tgt Ion: 97 Resp: 1619  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.1 76.7#  
61 49.9 36.4 54.6

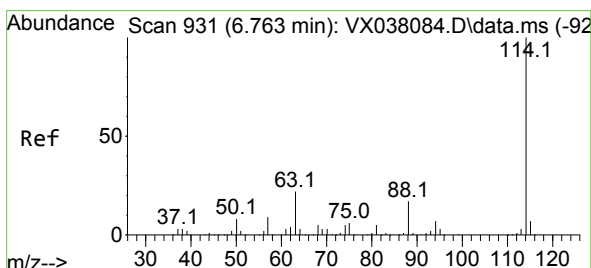
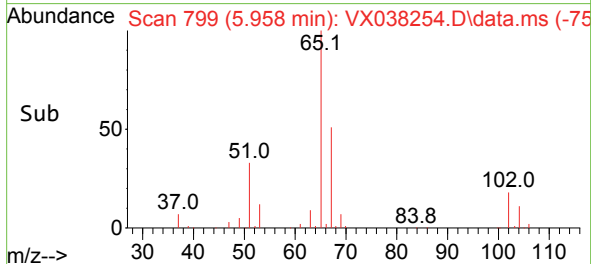
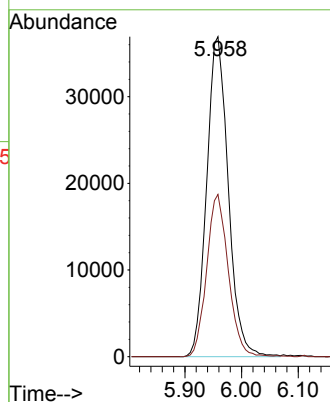
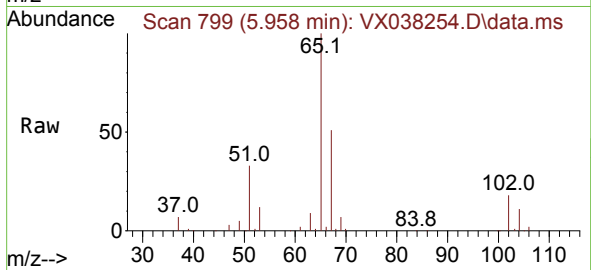




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.266 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX038254.D  
 Acq: 12 Oct 2023 14:15

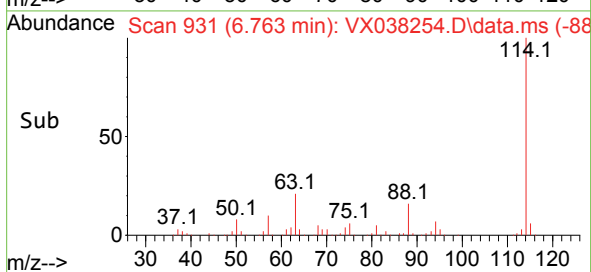
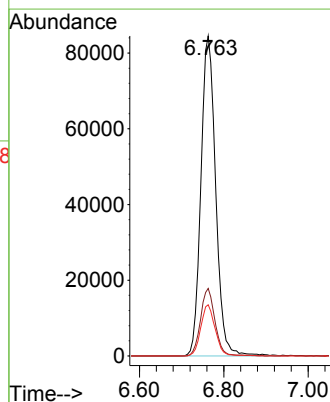
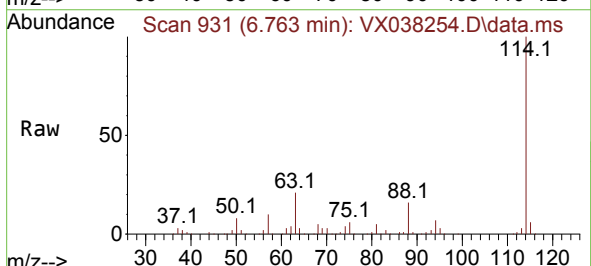
Instrument :  
 MSVOA\_X  
 ClientSampleId :

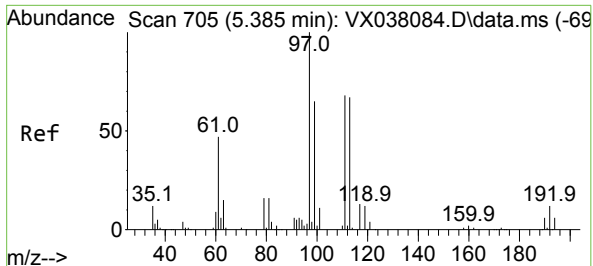
Tgt Ion: 65 Resp: 97631  
 Ion Ratio Lower Upper  
 65 100  
 67 50.8 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX038254.D  
 Acq: 12 Oct 2023 14:15

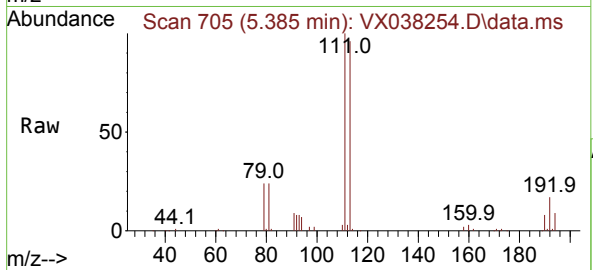
Tgt Ion:114 Resp: 206616  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 45.0  
 88 16.0 0.0 36.6



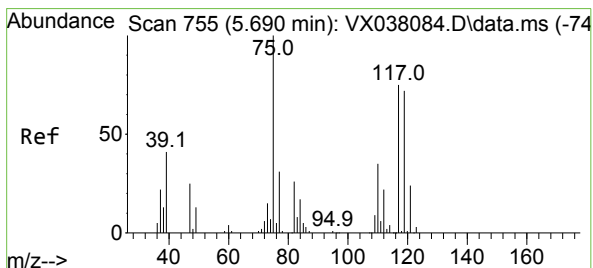
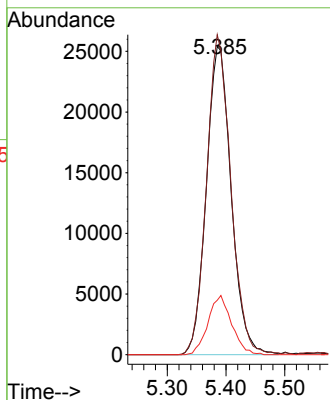
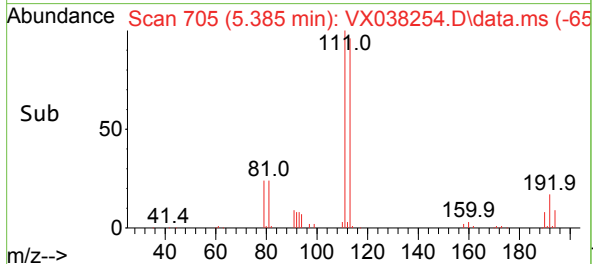


#35  
Dibromofluoromethane  
Concen: 50.094 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Instrument :  
MSVOA\_X  
ClientSampleId :

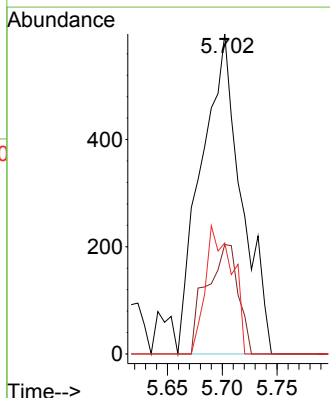
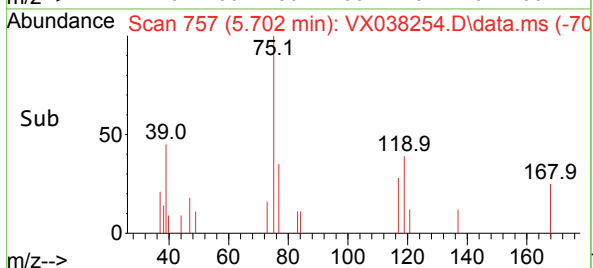
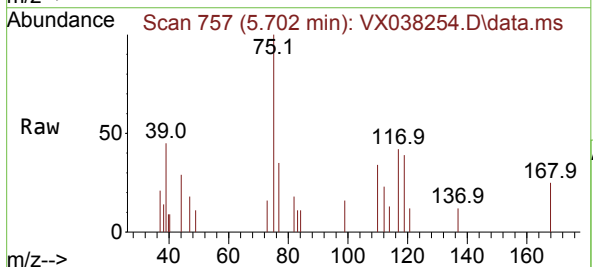


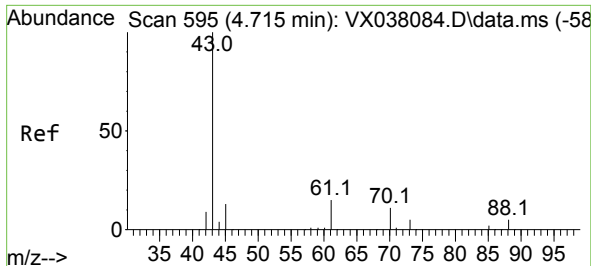
Tgt Ion:113 Resp: 74580  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.9 124.3  
192 18.2 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 0.738 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.012 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 75 Resp: 1515  
Ion Ratio Lower Upper  
75 100  
110 27.1 17.0 50.9  
77 26.9 24.7 37.1





#37

Ethyl Acetate

Concen: 0.836 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

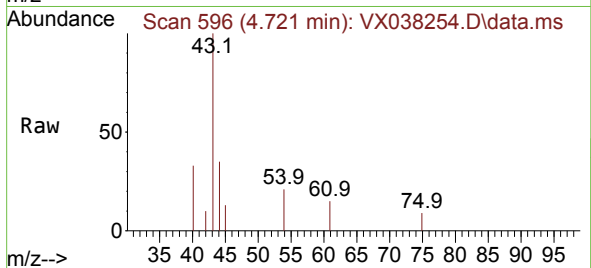
Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :



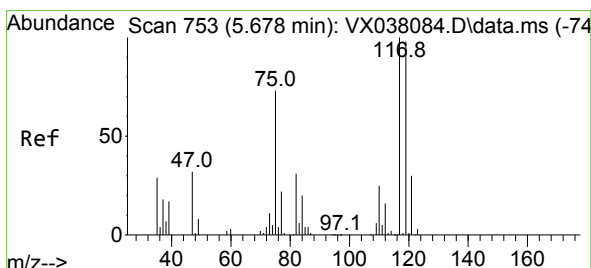
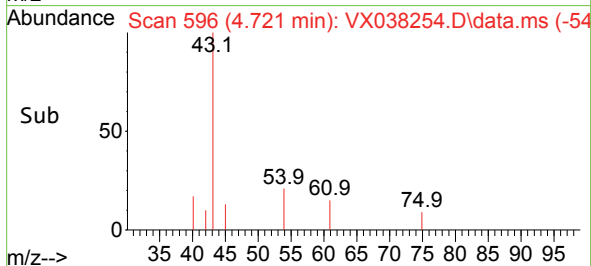
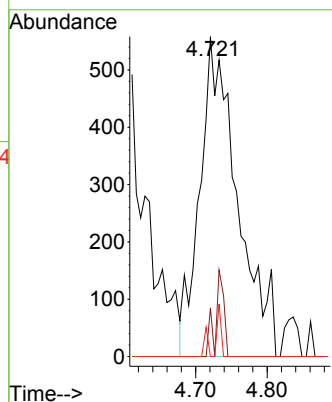
Tgt Ion: 43 Resp: 2039

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.9 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.809 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.012 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

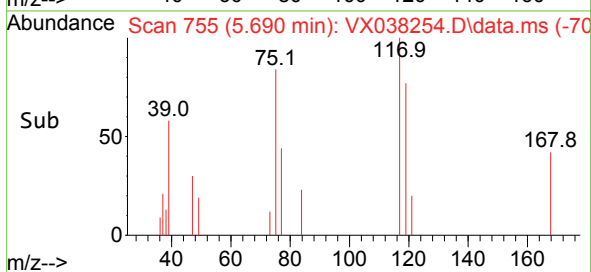
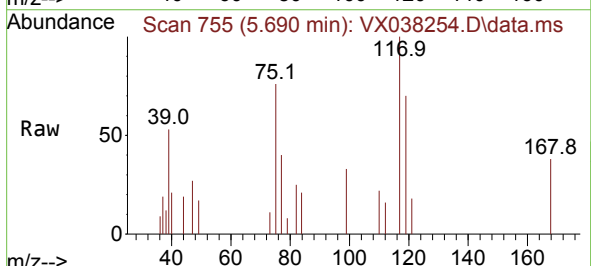
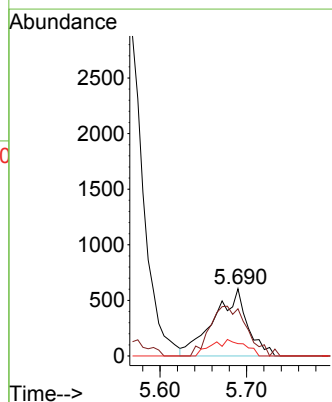
Tgt Ion: 117 Resp: 1633

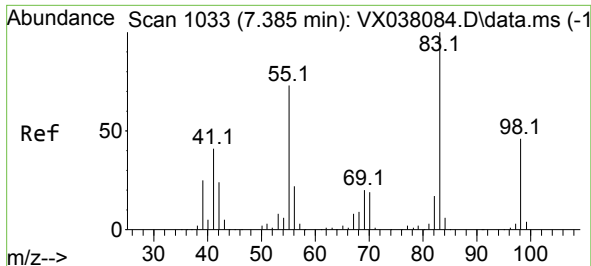
Ion Ratio Lower Upper

117 100

119 70.4 78.2 117.2#

121 18.4 24.4 36.6#

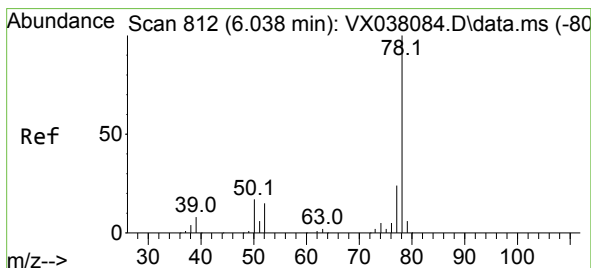
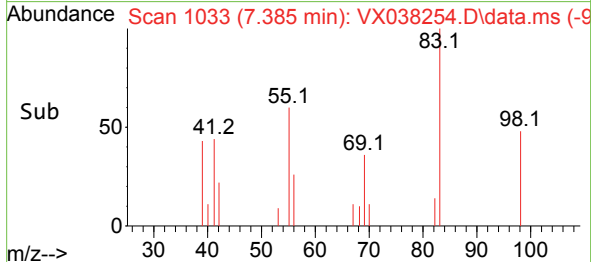
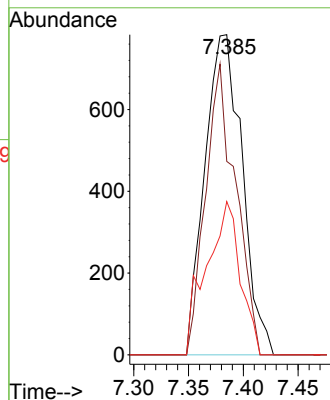
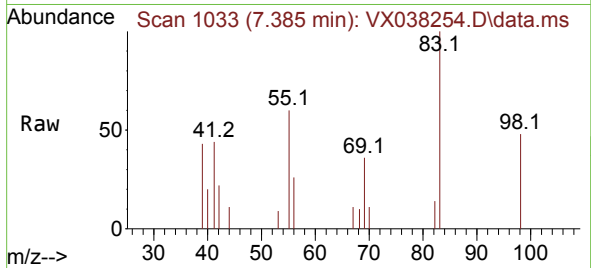




#39  
Methylcyclohexane  
Concen: 0.770 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

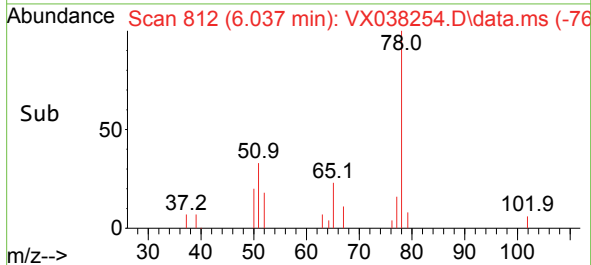
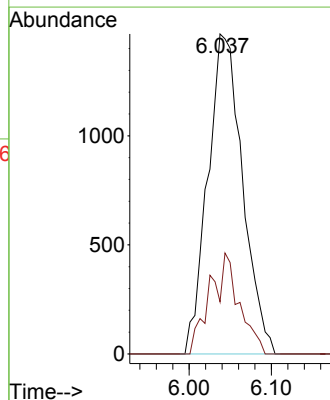
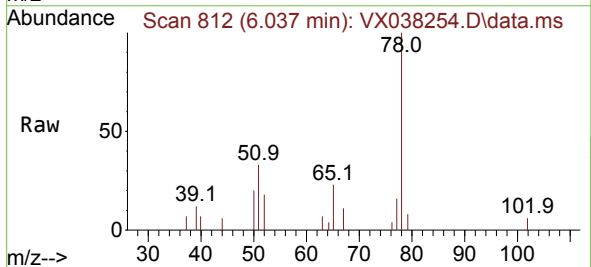
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 1851  
Ion Ratio Lower Upper  
83 100  
55 60.4 64.6 97.0#  
98 47.9 36.7 55.1

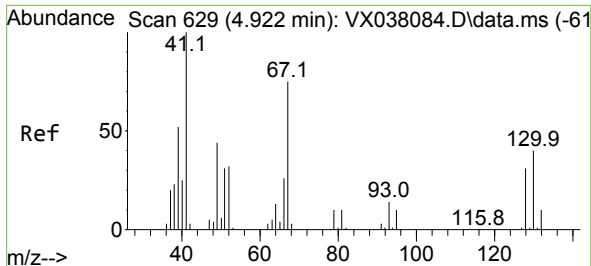


#40  
Benzene  
Concen: 0.750 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.001 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 78 Resp: 4307  
Ion Ratio Lower Upper  
78 100  
77 16.3 19.3 28.9#

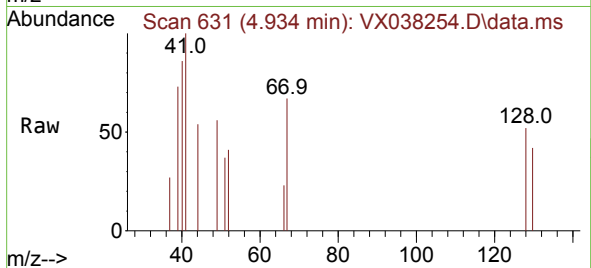




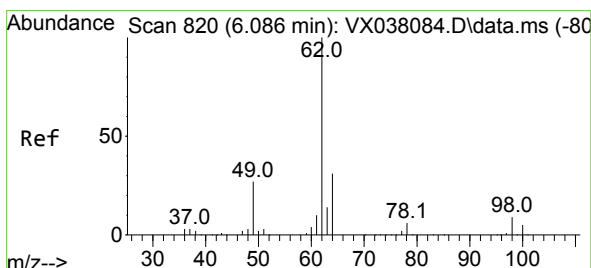
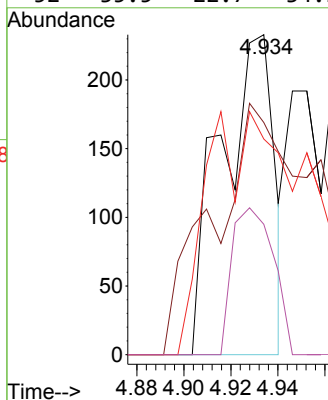
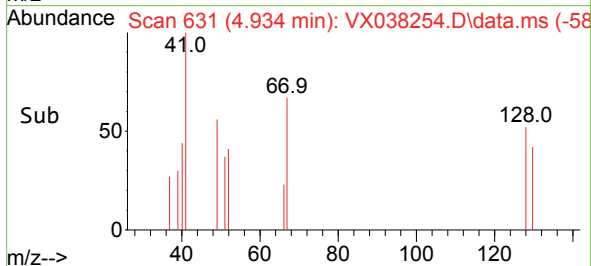


#41  
Methacrylonitrile  
Concen: 0.304 ug/l  
RT: 4.934 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Instrument :  
MSVOA\_X  
ClientSampleId :

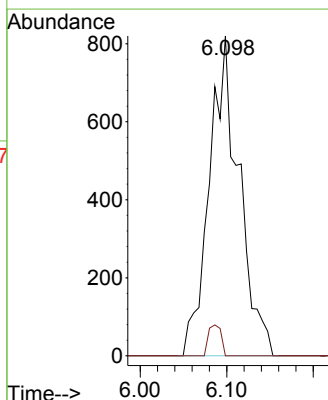
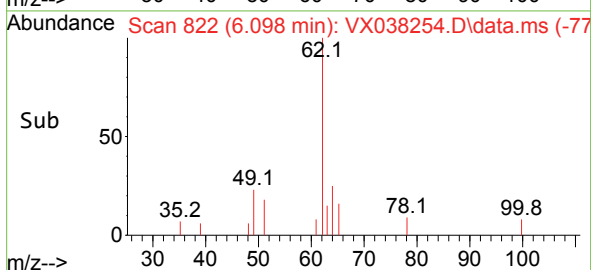
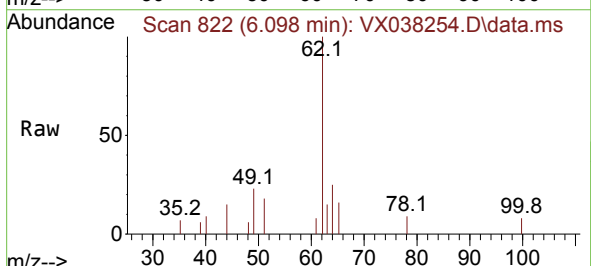


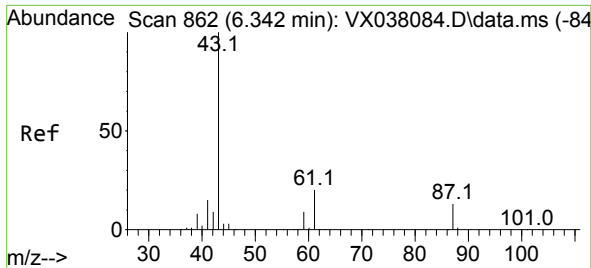
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 369   |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 168.0    | 45.2 67.8#  |
| 67 47.7     | 52.6 78.8#  |
| 52 35.5     | 22.7 34.1#  |



#42  
1,2-Dichloroethane  
Concen: 0.853 ug/l  
RT: 6.098 min Scan# 822  
Delta R.T. 0.012 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

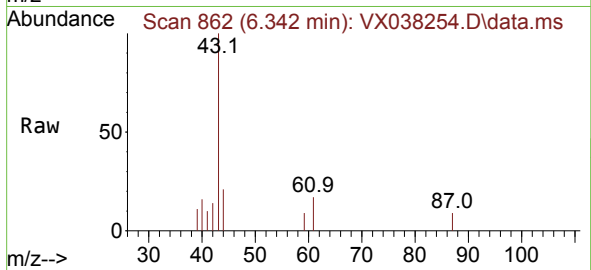
|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 1957  |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 4.1      | 0.0 16.0    |



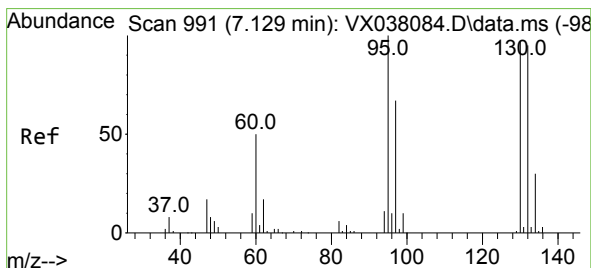
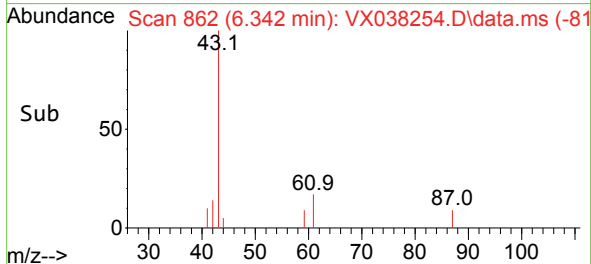
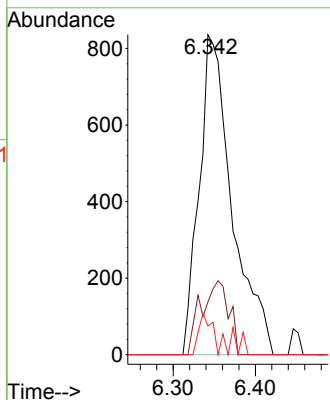


#43  
Isopropyl Acetate  
Concen: 0.638 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Instrument :  
MSVOA\_X  
ClientSampleId :

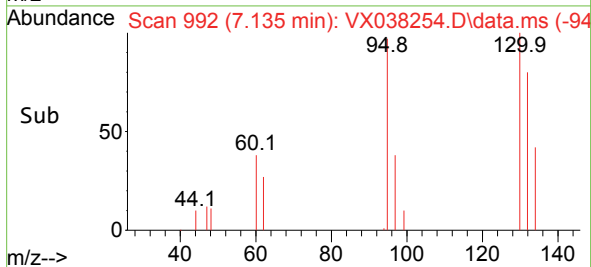
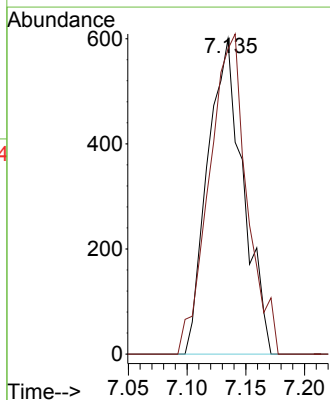
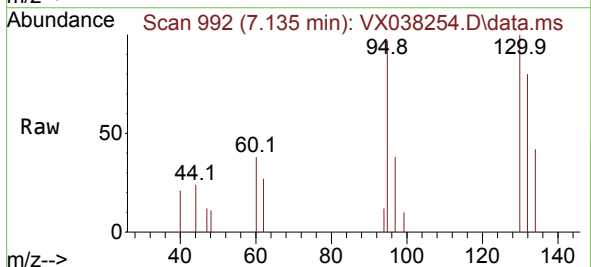


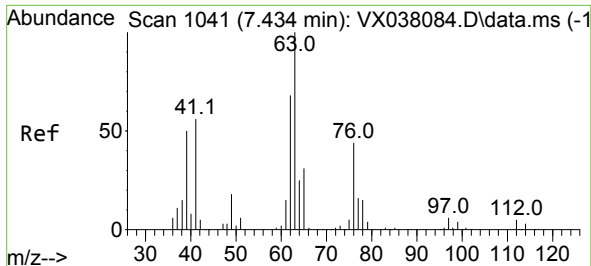
Tgt Ion: 43 Resp: 2323  
Ion Ratio Lower Upper  
43 100  
61 0.0 15.2 22.8#  
87 5.1 9.8 14.6#



#44  
Trichloroethene  
Concen: 0.838 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion:130 Resp: 1259  
Ion Ratio Lower Upper  
130 100  
95 96.8 0.0 204.4

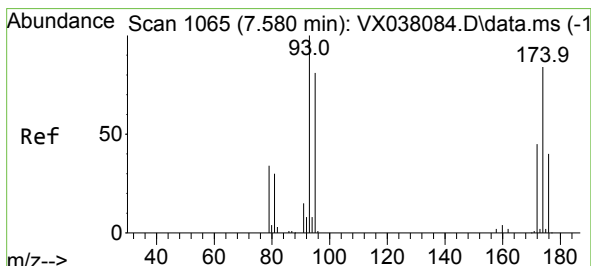
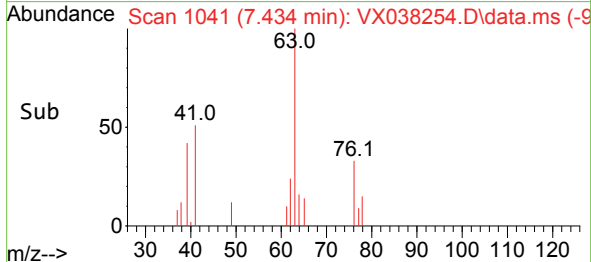
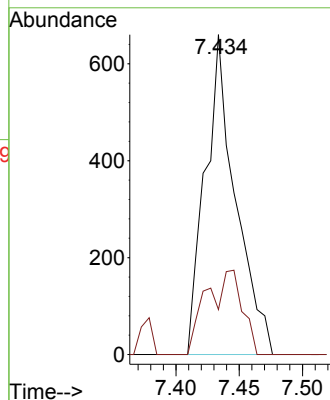
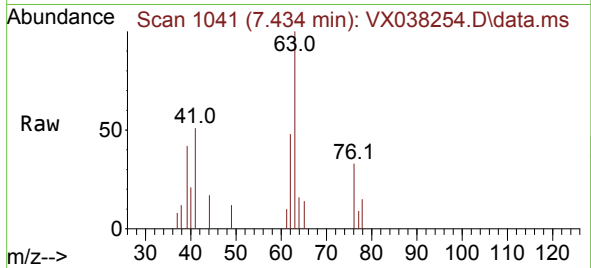




#45  
1,2-Dichloropropane  
Concen: 0.739 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

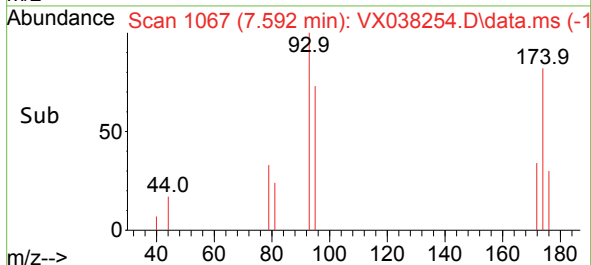
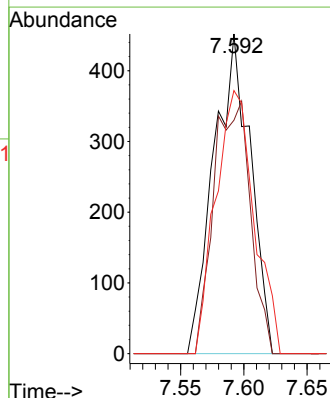
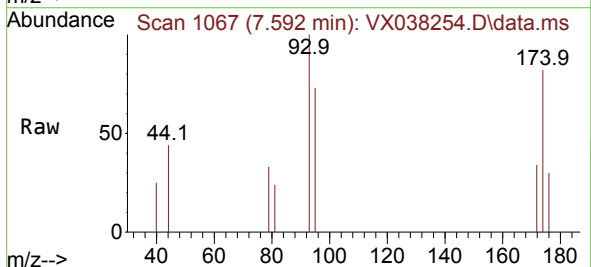
Instrument :  
MSVOA\_X  
ClientSampleId :

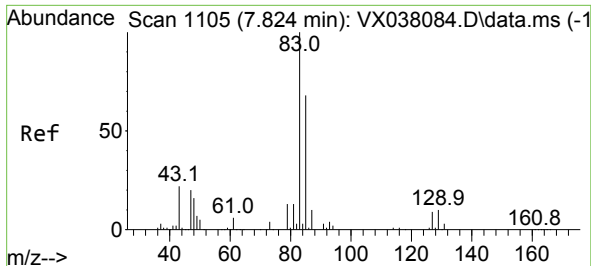
Tgt Ion: 63 Resp: 1099  
Ion Ratio Lower Upper  
63 100  
65 14.1 24.3 36.5#



#46  
Dibromomethane  
Concen: 0.788 ug/l  
RT: 7.592 min Scan# 1067  
Delta R.T. 0.012 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 93 Resp: 908  
Ion Ratio Lower Upper  
93 100  
95 79.4 66.6 100.0  
174 86.8 69.4 104.0

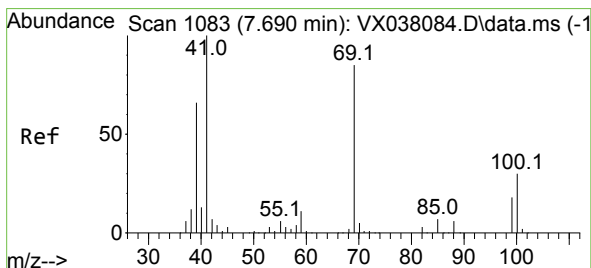
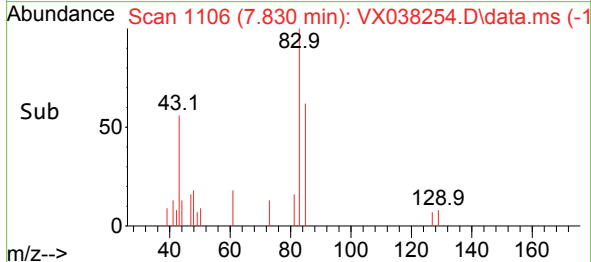
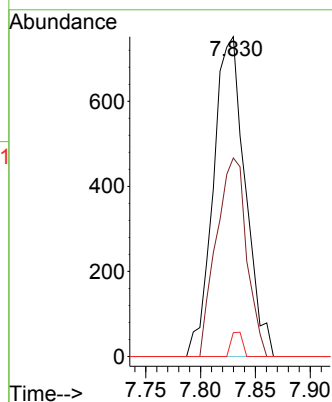
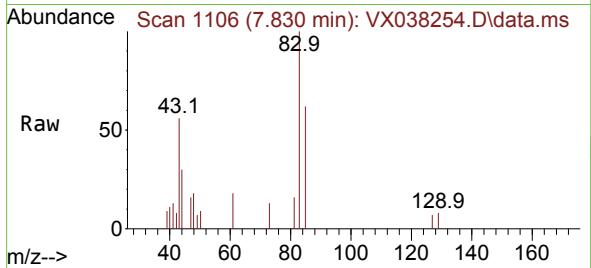




#47  
Bromodichloromethane  
Concen: 0.741 ug/l  
RT: 7.830 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

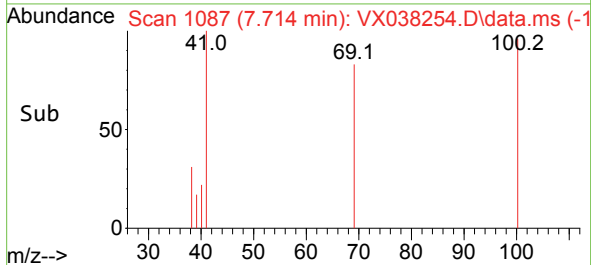
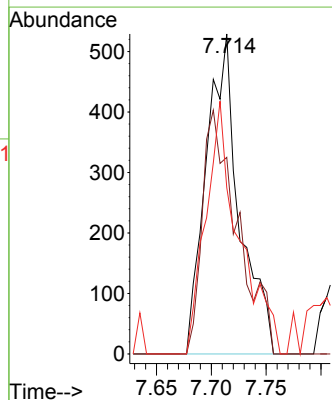
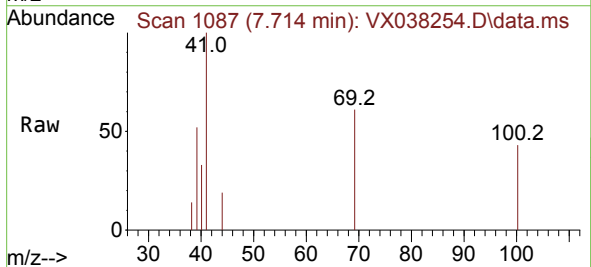
Instrument :  
MSVOA\_X  
ClientSampleId :

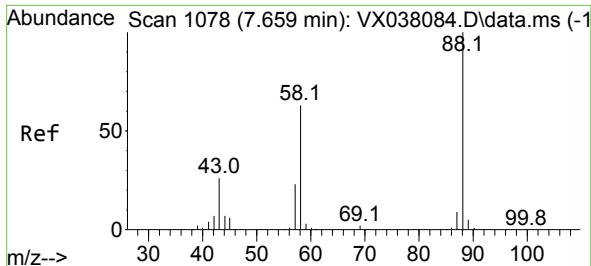
Tgt Ion: 83 Resp: 1520  
Ion Ratio Lower Upper  
83 100  
85 62.1 49.8 74.6  
127 7.4 7.1 10.7



#48  
Methyl methacrylate  
Concen: 0.641 ug/l  
RT: 7.714 min Scan# 1087  
Delta R.T. 0.024 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 41 Resp: 1114  
Ion Ratio Lower Upper  
41 100  
69 81.1 59.2 88.8  
39 78.9 47.7 71.5#





#49

1,4-Dioxane

Concen: 13.732 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :

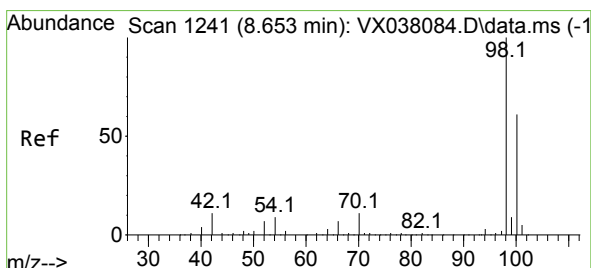
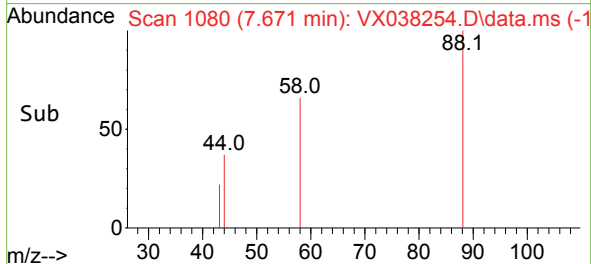
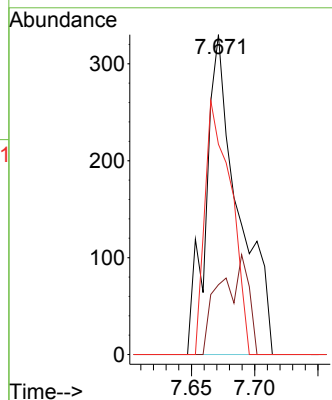
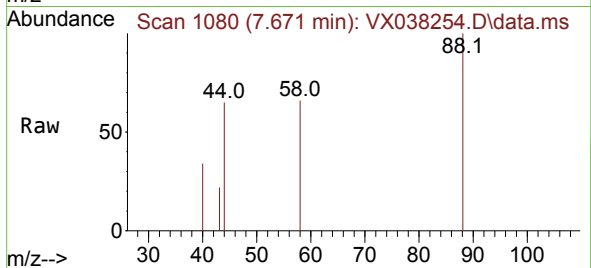
Tgt Ion: 88 Resp: 588

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 64.5 60.1 90.1



#50

Toluene-d8

Concen: 48.000 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038254.D

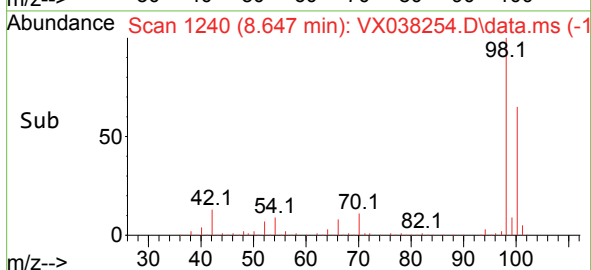
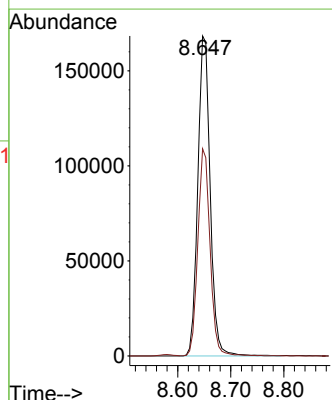
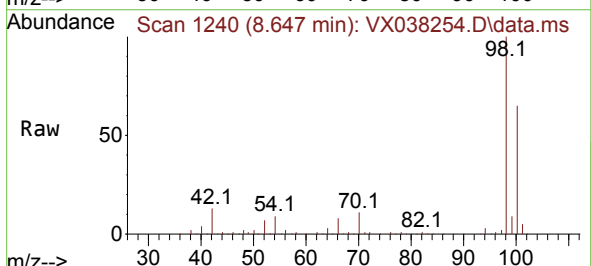
Acq: 12 Oct 2023 14:15

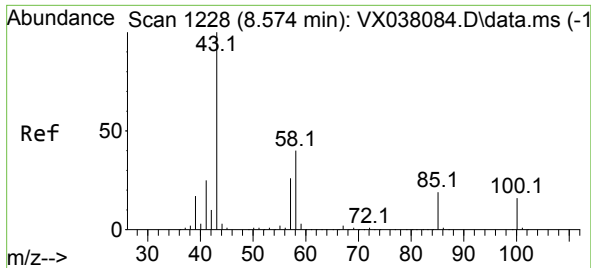
Tgt Ion: 98 Resp: 273074

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7

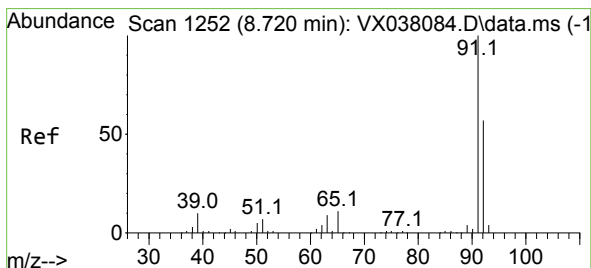
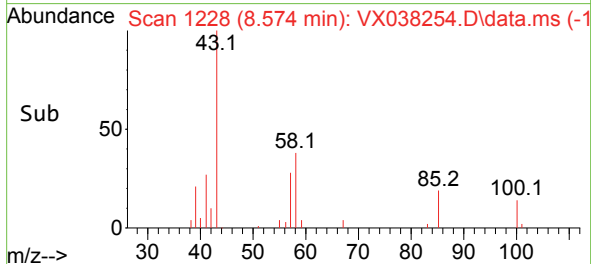
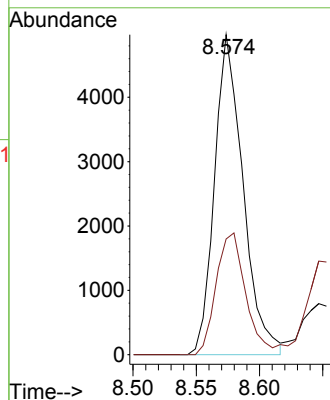
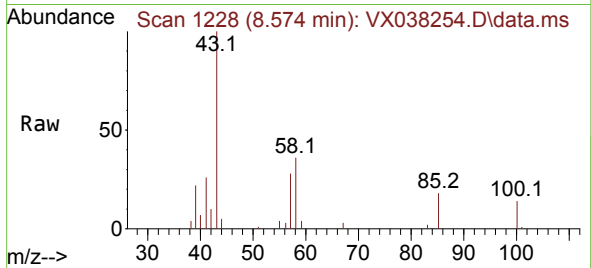




#51  
4-Methyl-2-Pentanone  
Concen: 3.103 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

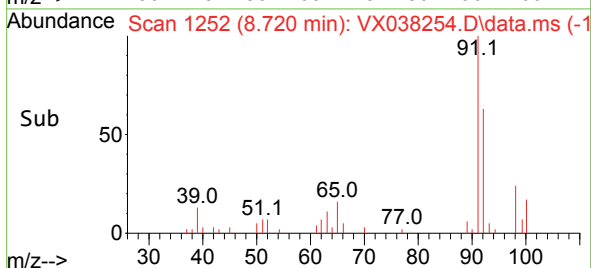
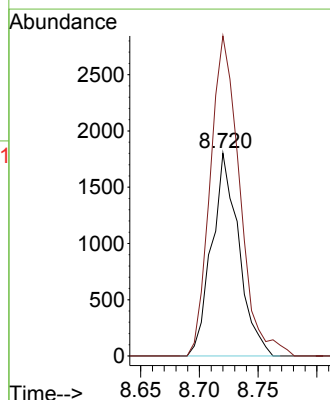
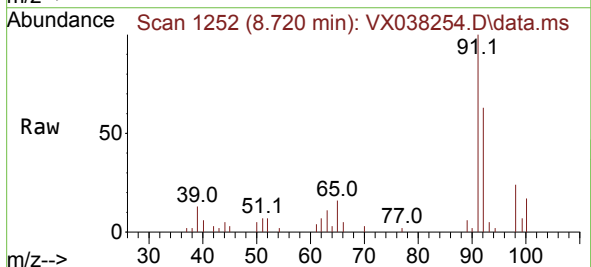
Instrument :  
MSVOA\_X  
ClientSampleId :

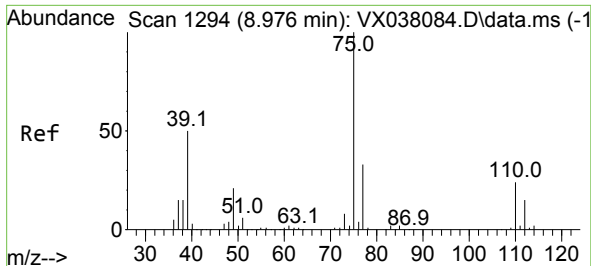
Tgt Ion: 43 Resp: 7791  
Ion Ratio Lower Upper  
43 100  
58 39.1 30.4 45.6



#52  
Toluene  
Concen: 0.773 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 92 Resp: 2893  
Ion Ratio Lower Upper  
92 100  
91 171.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.532 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

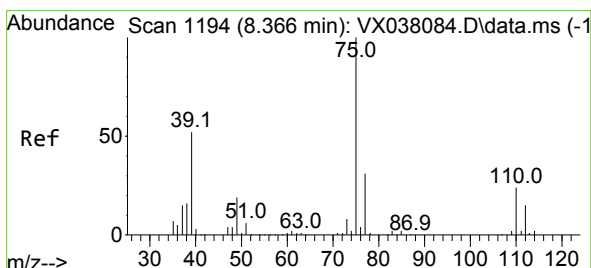
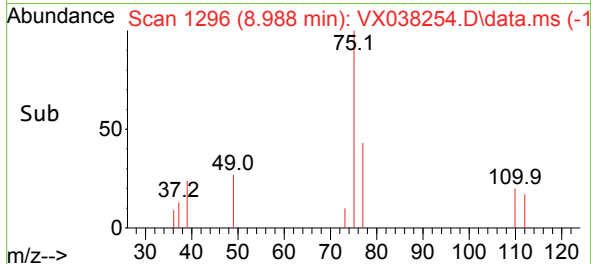
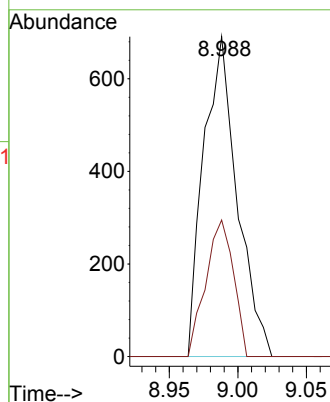
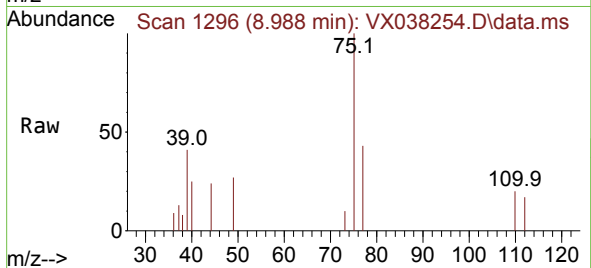
ClientSampleId :

Tgt Ion: 75 Resp: 1172

Ion Ratio Lower Upper

75 100

77 42.7 25.7 38.5#



#54

cis-1,3-Dichloropropene

Concen: 0.630 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

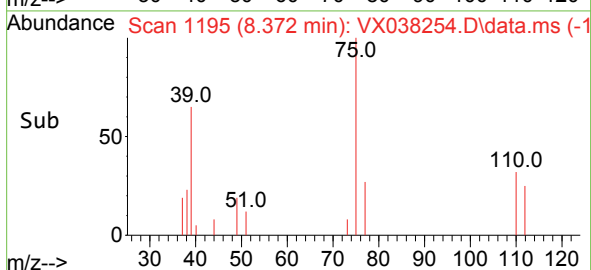
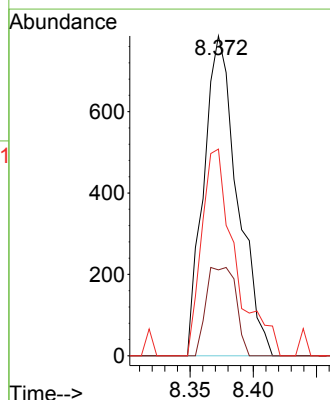
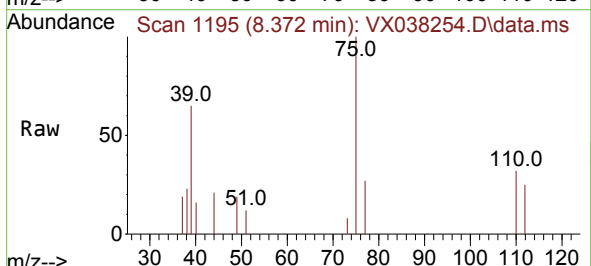
Tgt Ion: 75 Resp: 1458

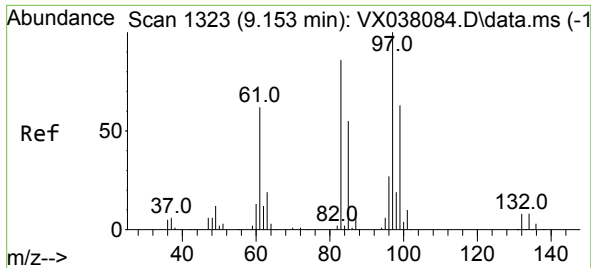
Ion Ratio Lower Upper

75 100

77 26.8 25.3 37.9

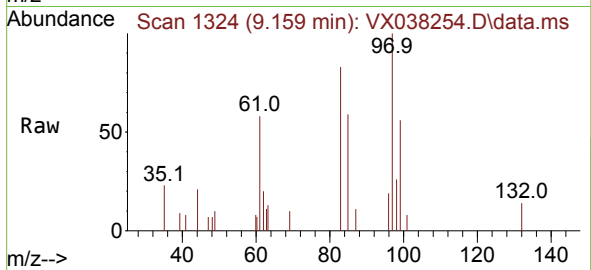
39 64.6 46.7 70.1



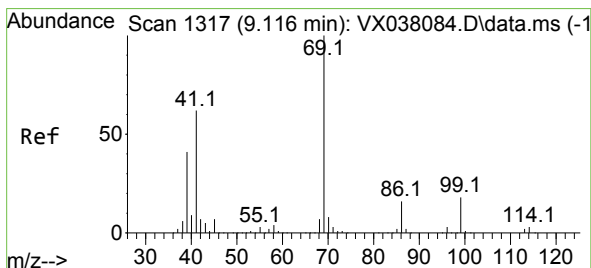
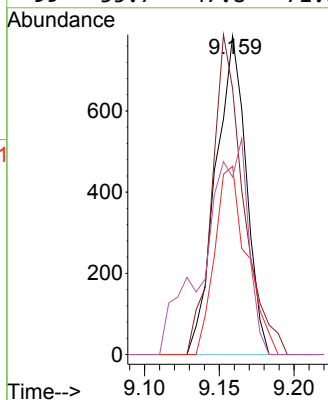
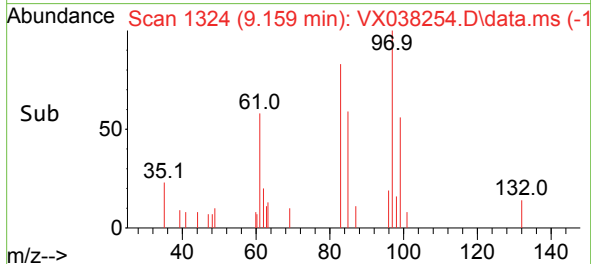


#55  
 1,1,2-Trichloroethane  
 Concen: 0.695 ug/l  
 RT: 9.159 min Scan# 1112  
 Delta R.T. 0.006 min  
 Lab File: VX038254.D  
 Acq: 12 Oct 2023 14:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :

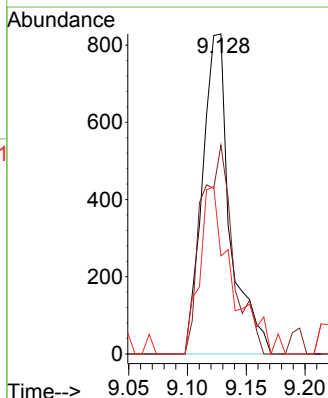
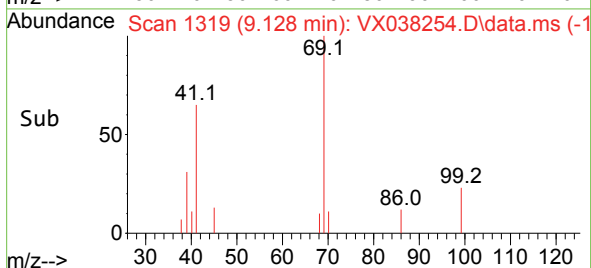
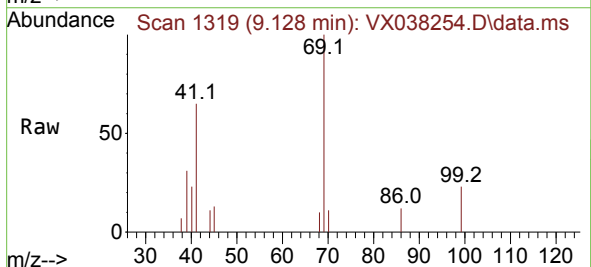


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 83.4  | 65.8  | 98.8  |
| 85      | 59.1  | 41.6  | 62.4  |
| 99      | 55.7  | 47.8  | 71.8  |

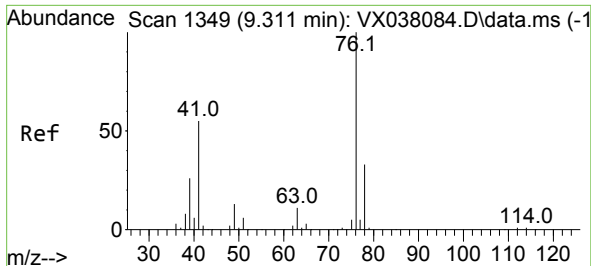


#56  
 Ethyl methacrylate  
 Concen: 0.554 ug/l  
 RT: 9.128 min Scan# 1319  
 Delta R.T. 0.012 min  
 Lab File: VX038254.D  
 Acq: 12 Oct 2023 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 74.2  | 56.8  | 85.2  |
| 39      | 61.3  | 32.0  | 48.0  |







#57

1,3-Dichloropropane

Concen: 0.747 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

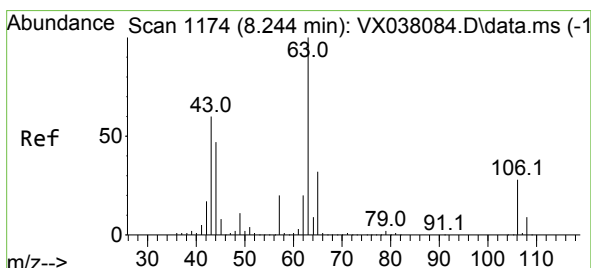
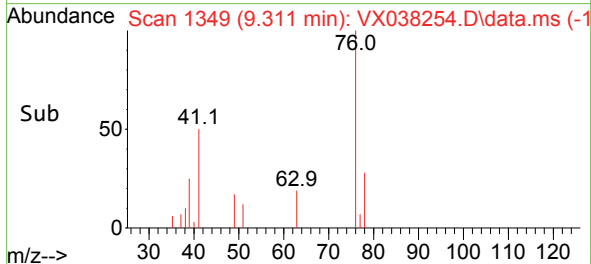
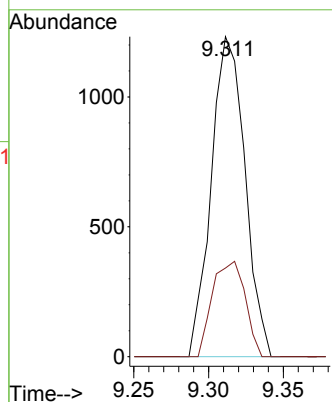
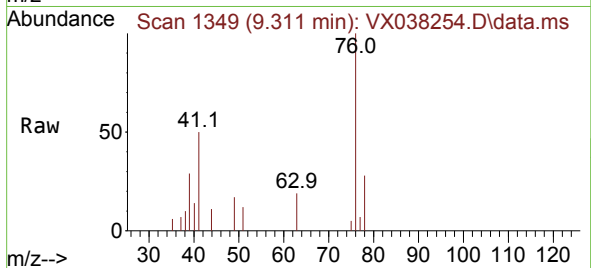
ClientSampleId :

Tgt Ion: 76 Resp: 1933

Ion Ratio Lower Upper

76 100

78 28.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.308 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038254.D

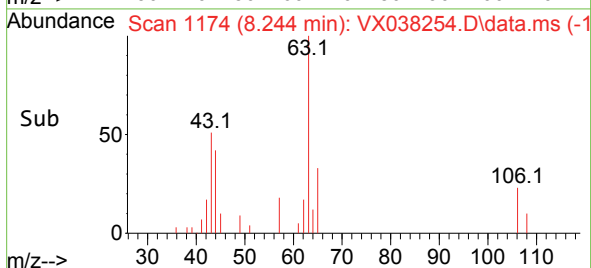
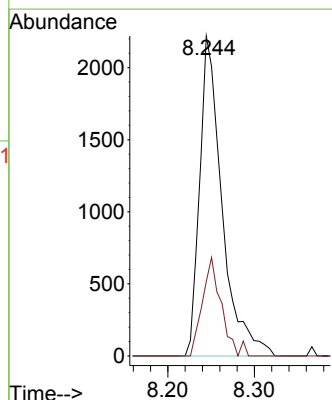
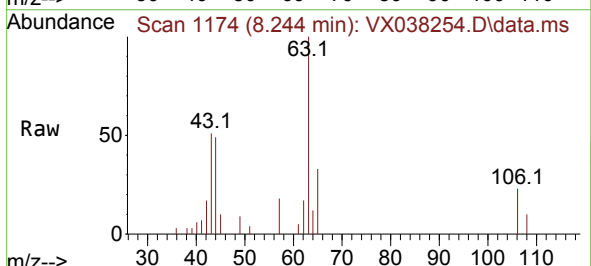
Acq: 12 Oct 2023 14:15

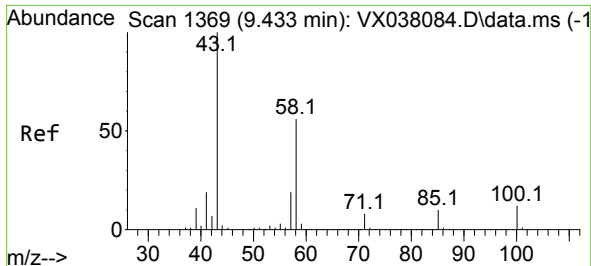
Tgt Ion: 63 Resp: 3983

Ion Ratio Lower Upper

63 100

106 26.1 22.5 33.7





#59

2-Hexanone

Concen: 3.134 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

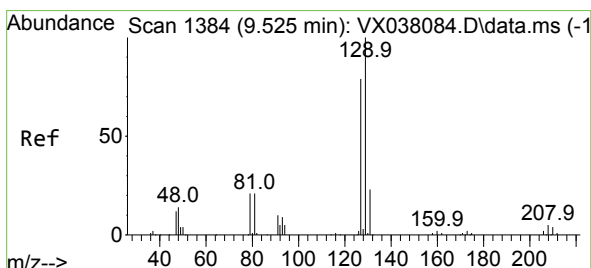
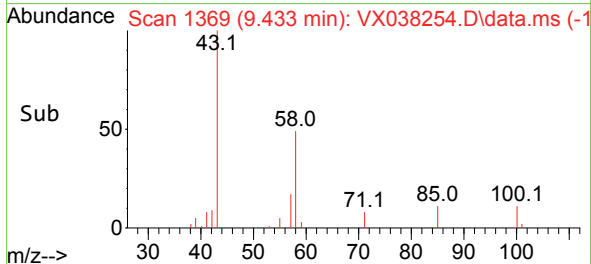
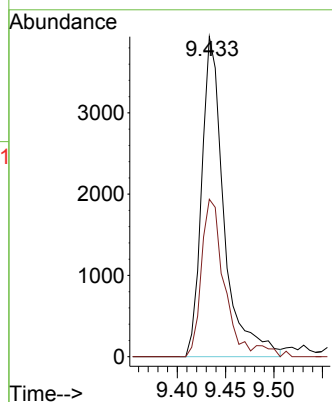
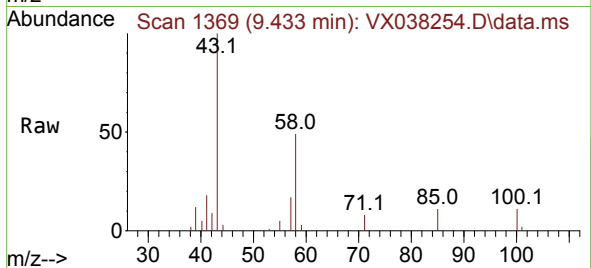
ClientSampleId :

Tgt Ion: 43 Resp: 6326

Ion Ratio Lower Upper

43 100

58 48.9 26.2 78.5



#60

Dibromochloromethane

Concen: 0.589 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038254.D

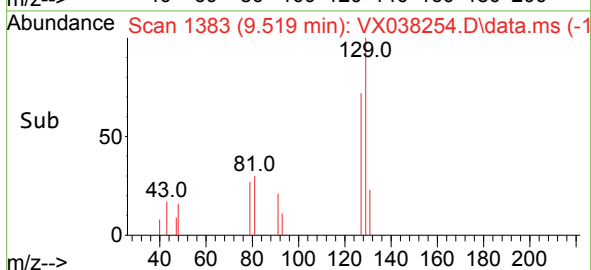
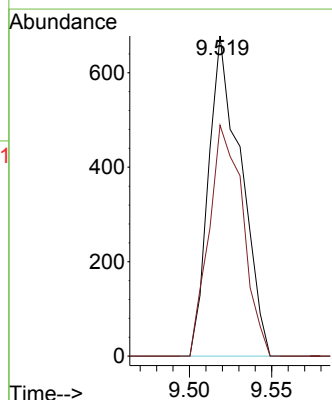
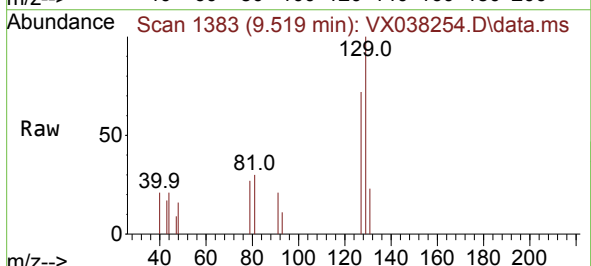
Acq: 12 Oct 2023 14:15

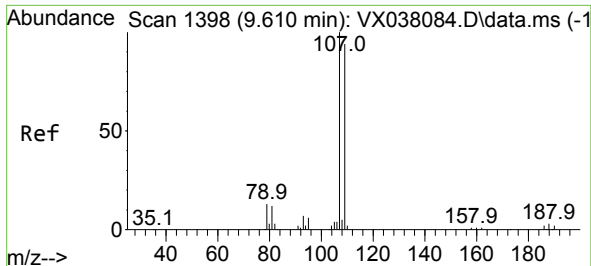
Tgt Ion: 129 Resp: 922

Ion Ratio Lower Upper

129 100

127 76.0 38.8 116.4

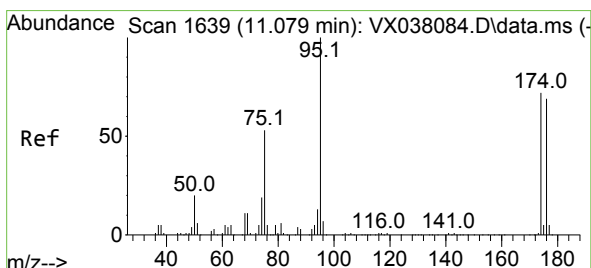
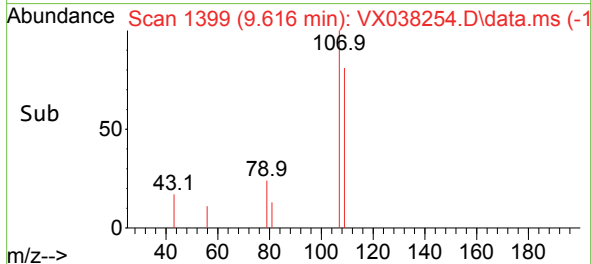
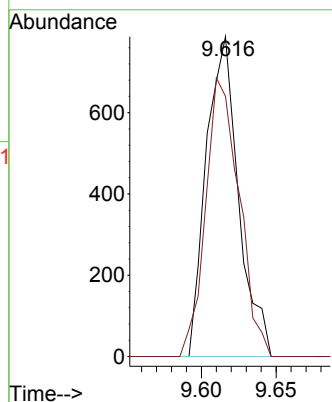
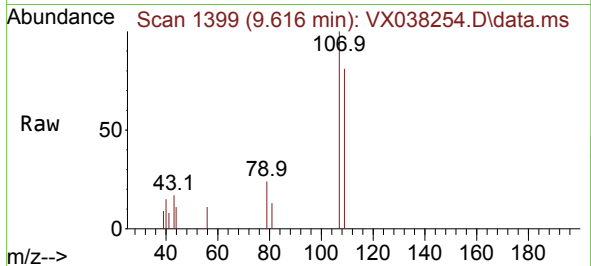




#61  
1,2-Dibromoethane  
Concen: 0.682 ug/l  
RT: 9.616 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

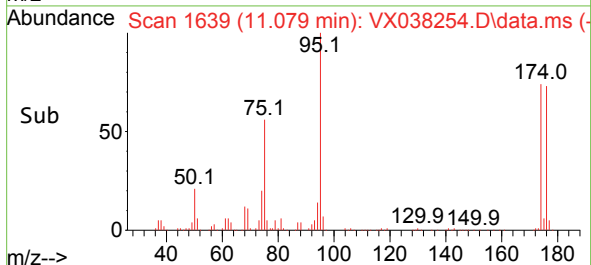
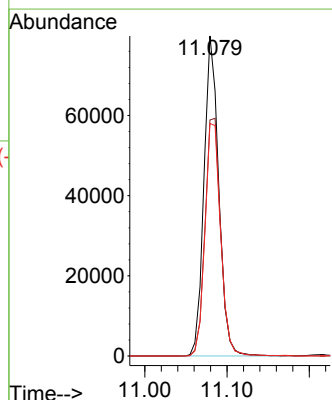
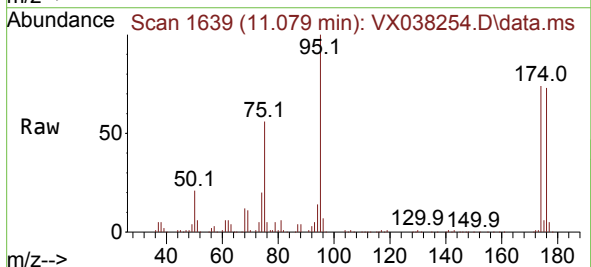
Instrument :  
MSVOA\_X  
ClientSampleId :

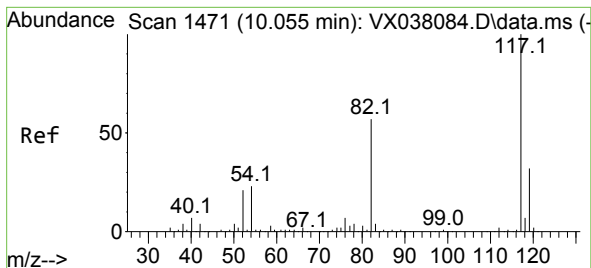
Tgt Ion:107 Resp: 1180  
Ion Ratio Lower Upper  
107 100  
109 90.5 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 46.146 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 95 Resp: 99528  
Ion Ratio Lower Upper  
95 100  
174 79.1 0.0 135.6  
176 77.1 0.0 131.0

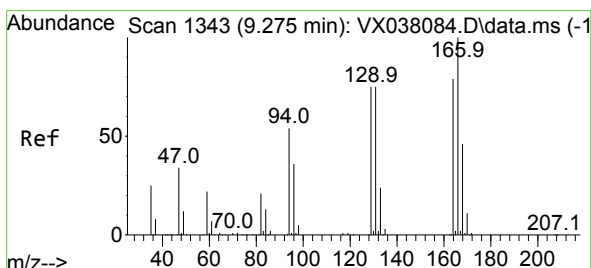
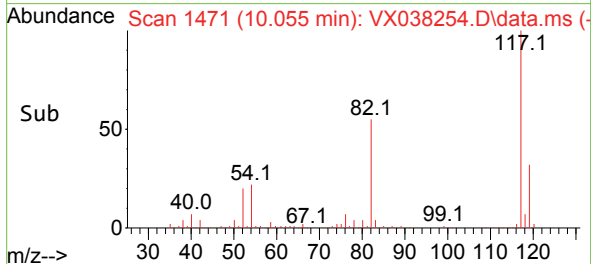
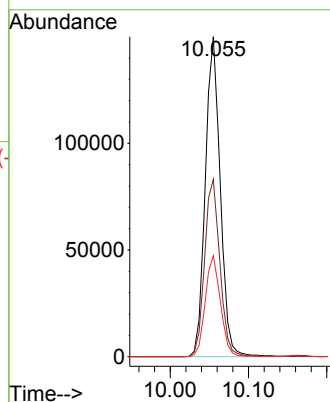
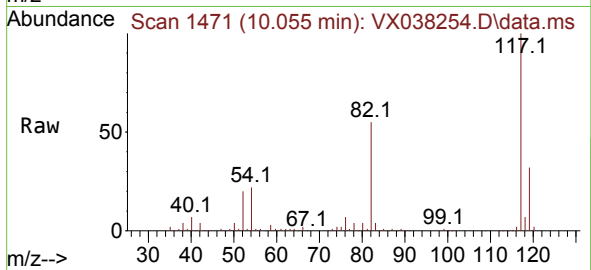




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

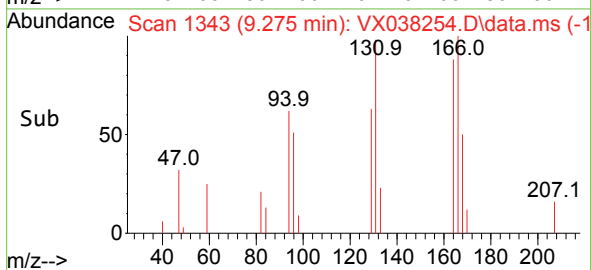
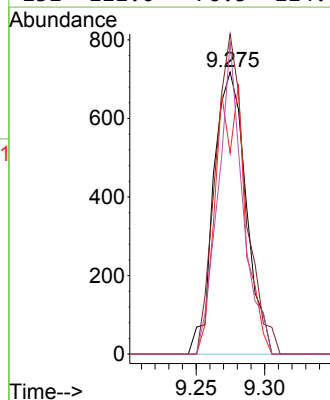
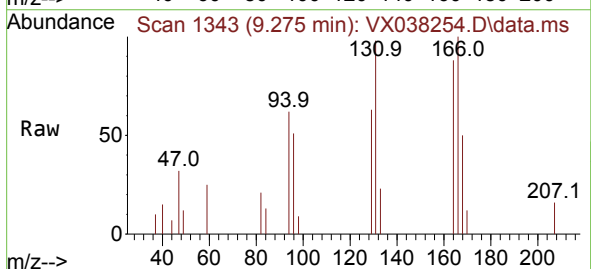
Instrument :  
MSVOA\_X  
ClientSampleId :

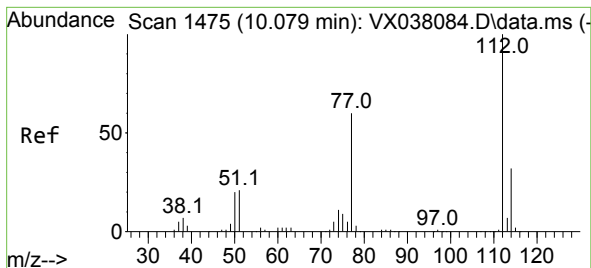
Tgt Ion:117 Resp: 198248  
Ion Ratio Lower Upper  
117 100  
82 55.4 46.2 69.4  
119 31.6 25.5 38.3



#64  
Tetrachloroethene  
Concen: 0.916 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion:164 Resp: 1175  
Ion Ratio Lower Upper  
164 100  
166 113.5 102.7 154.1  
129 71.3 80.4 120.6#  
131 111.0 76.5 114.7

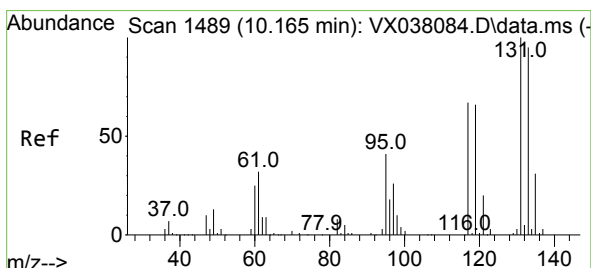
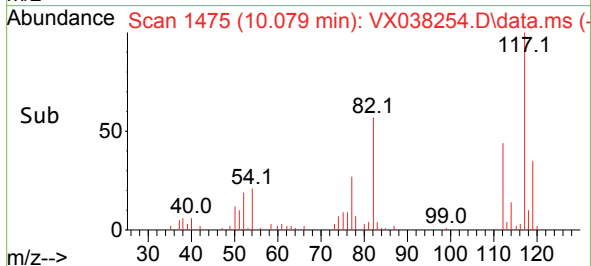
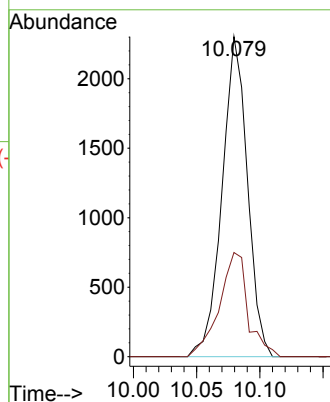
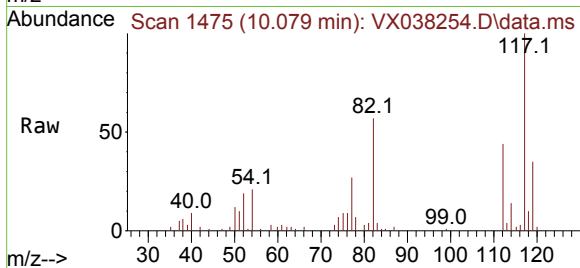




#65  
Chlorobenzene  
Concen: 0.774 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

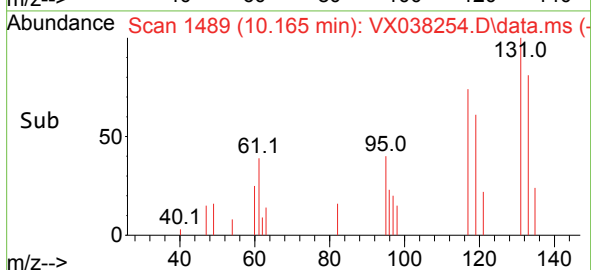
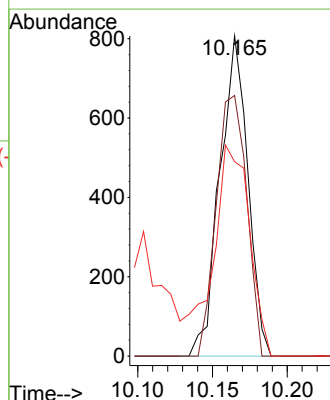
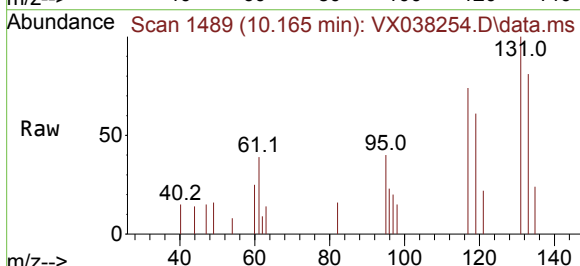
Instrument :  
MSVOA\_X  
ClientSampleId :

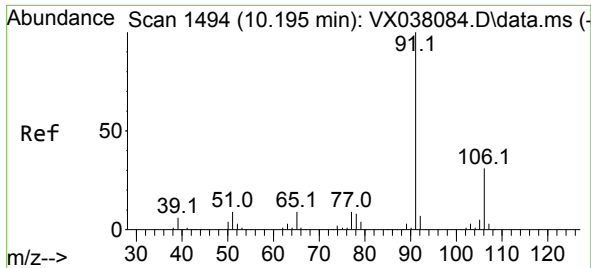
Tgt Ion:112 Resp: 3210  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.751 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

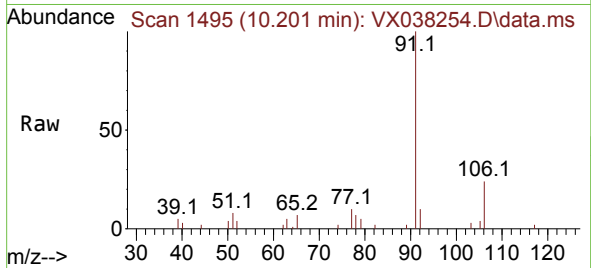
Tgt Ion:131 Resp: 1053  
Ion Ratio Lower Upper  
131 100  
133 88.1 47.1 141.4  
119 0.0 32.2 96.6#



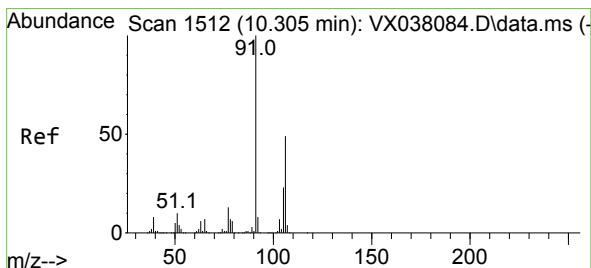
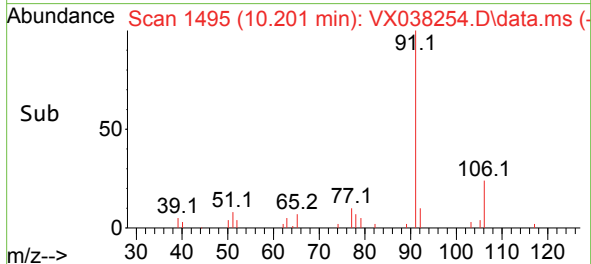
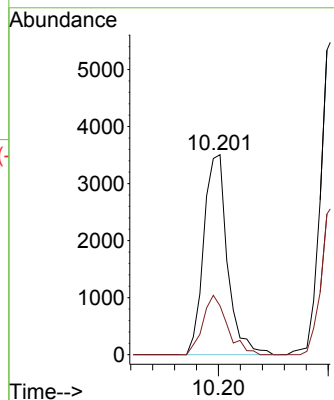


#67  
Ethyl Benzene  
Concen: 0.710 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. 0.006 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Instrument :  
MSVOA\_X  
ClientSampleId :

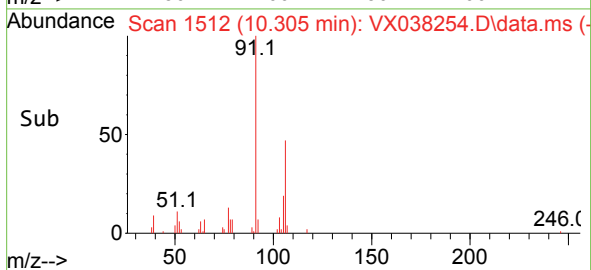
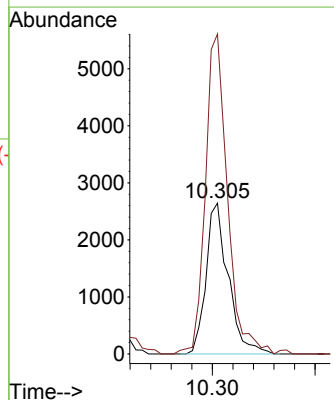
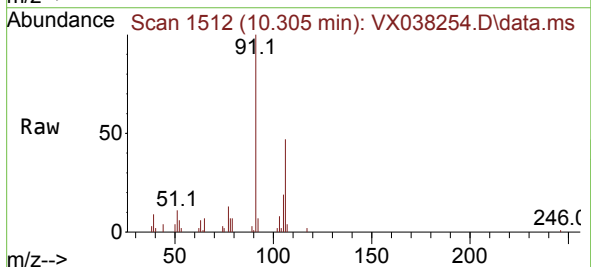


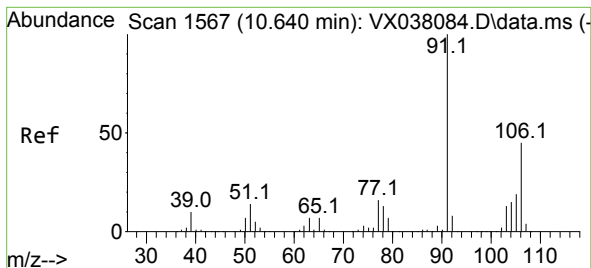
Tgt Ion: 91 Resp: 5254  
Ion Ratio Lower Upper  
91 100  
106 24.4 24.9 37.3#



#68  
m/p-Xylenes  
Concen: 1.387 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion:106 Resp: 3972  
Ion Ratio Lower Upper  
106 100  
91 211.3 165.5 248.3





#69

o-Xylene

Concen: 0.591 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

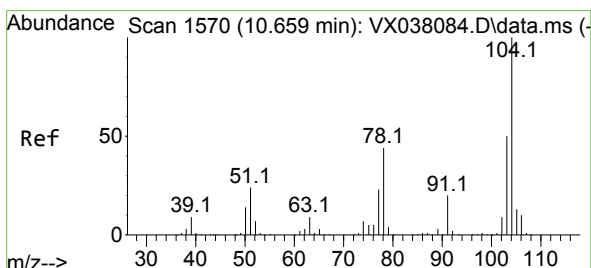
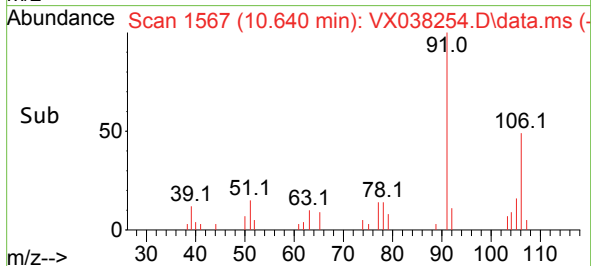
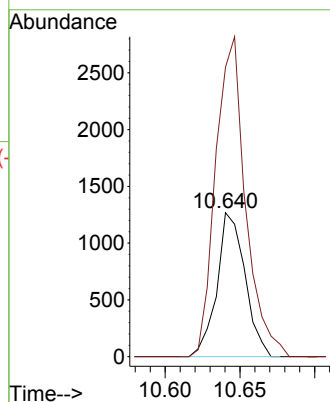
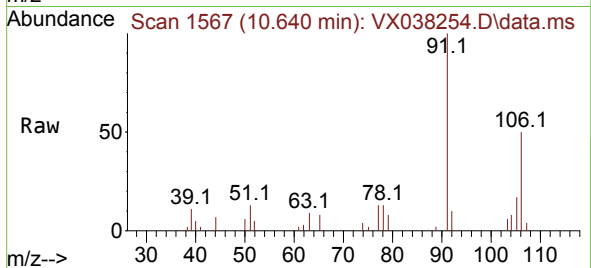
ClientSampleId :

Tgt Ion:106 Resp: 1652

Ion Ratio Lower Upper

106 100

91 237.1 108.9 326.8



#70

Styrene

Concen: 0.595 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

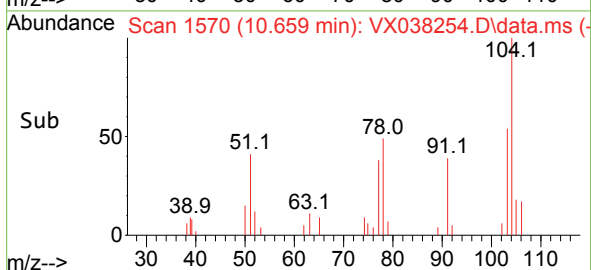
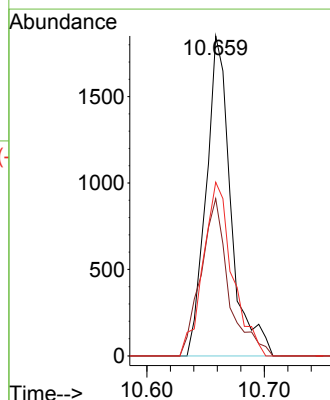
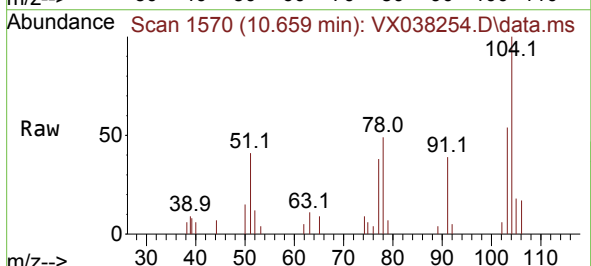
Tgt Ion:104 Resp: 2708

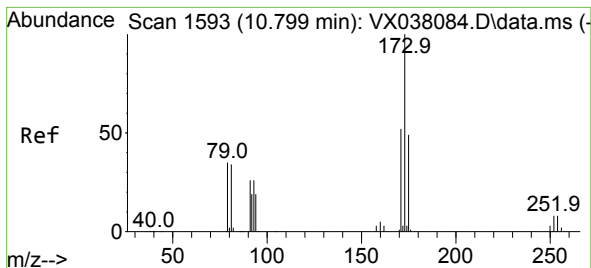
Ion Ratio Lower Upper

104 100

78 55.1 43.6 65.4

103 64.0 43.6 65.4





#71

Bromoform

Concen: 0.545 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

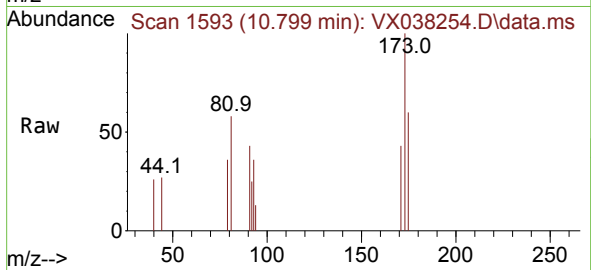
Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

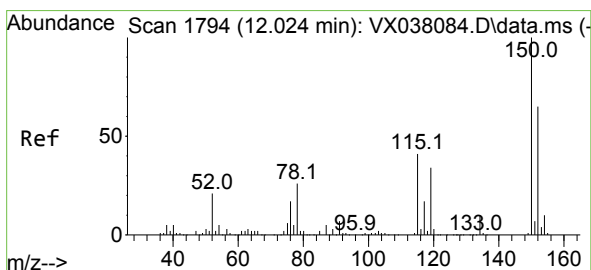
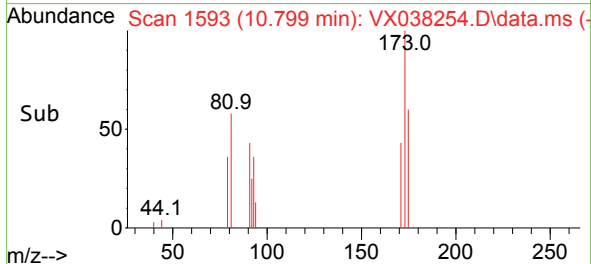
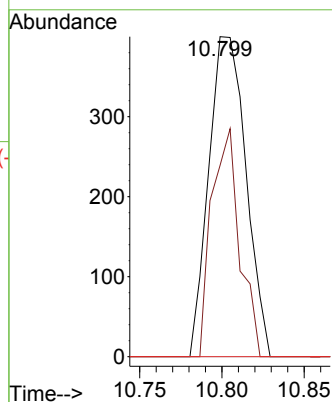
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 630  |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 53.2  | 24.1  | 72.4 |
| 254       | 0.0   | 0.0   | 0.0  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

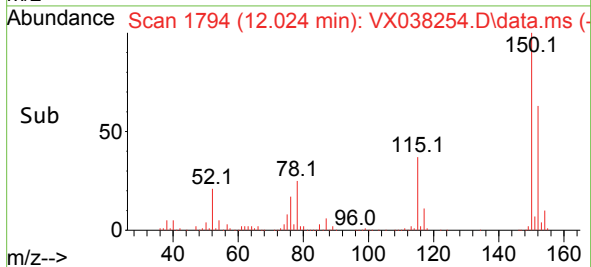
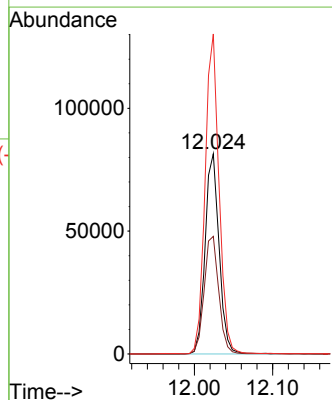
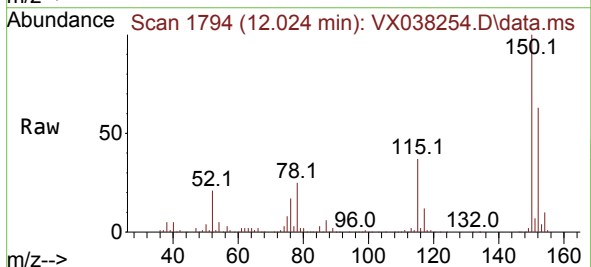
RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

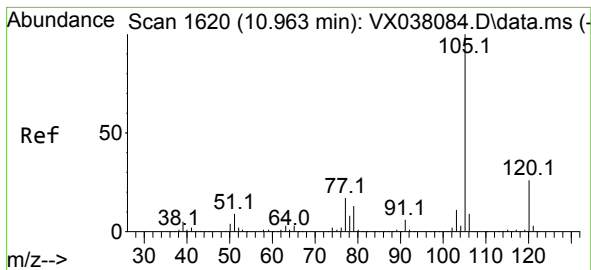
Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 101085 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 61.5  | 43.3  | 129.9  |
| 150       | 158.3 | 0.0   | 345.0  |







#73

Isopropylbenzene

Concen: 0.756 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

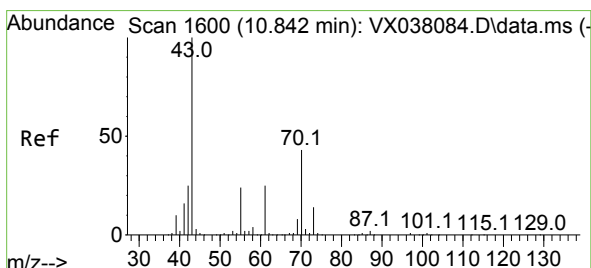
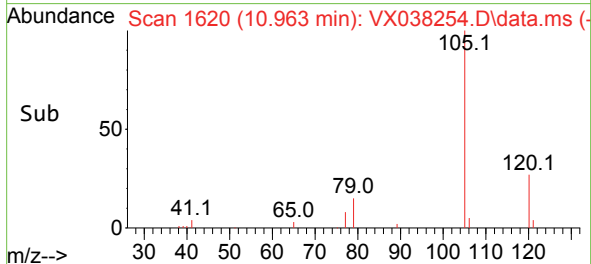
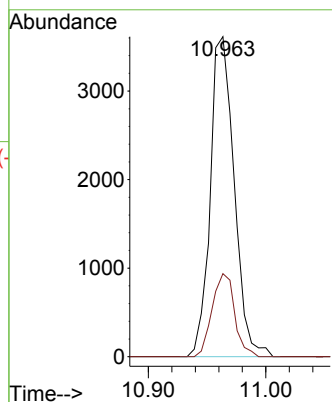
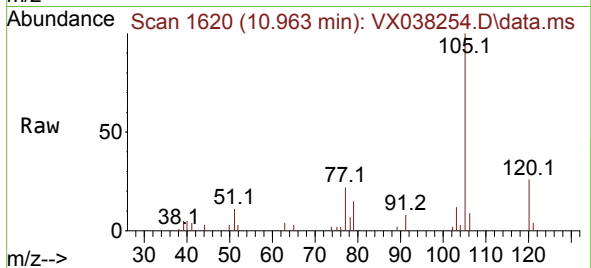
ClientSampleId :

Tgt Ion:105 Resp: 5122

Ion Ratio Lower Upper

105 100

120 24.4 12.9 38.6



#74

N-ethyl acetate

Concen: 0.558 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Tgt Ion: 43 Resp: 1615

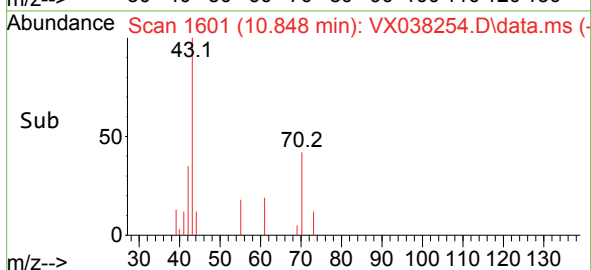
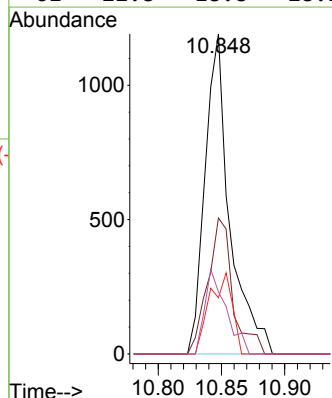
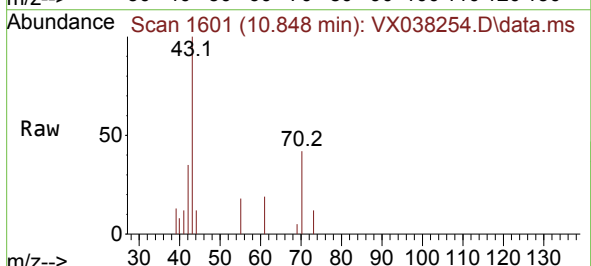
Ion Ratio Lower Upper

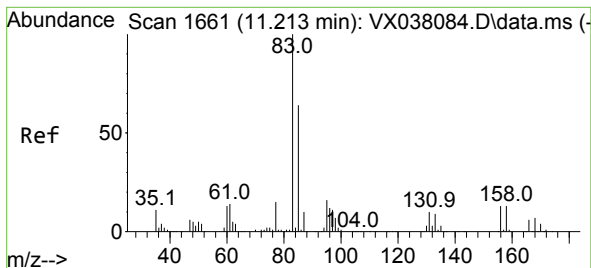
43 100

70 43.2 32.9 49.3

55 23.2 19.3 28.9

61 22.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 0.766 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :

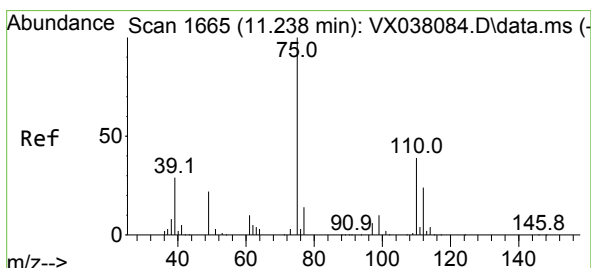
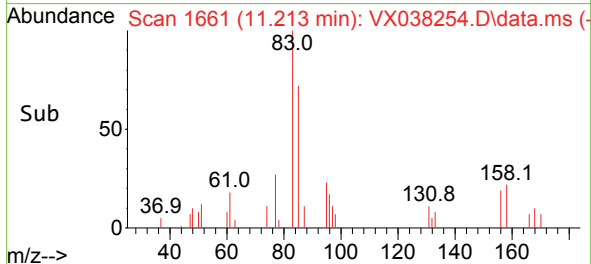
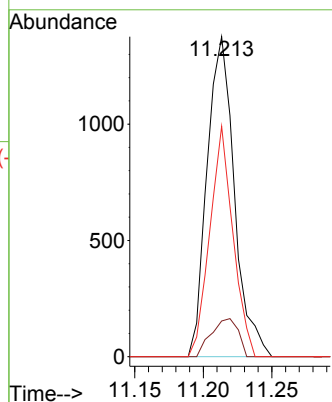
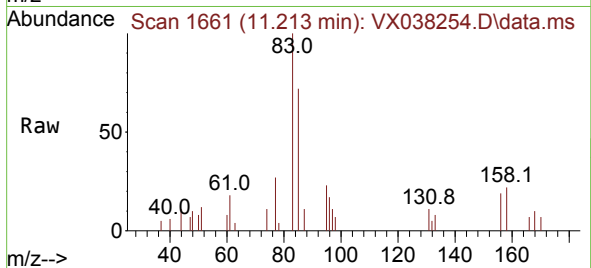
Tgt Ion: 83 Resp: 1906

Ion Ratio Lower Upper

83 100

131 11.8 5.3 15.8

85 61.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 0.881 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX038254.D

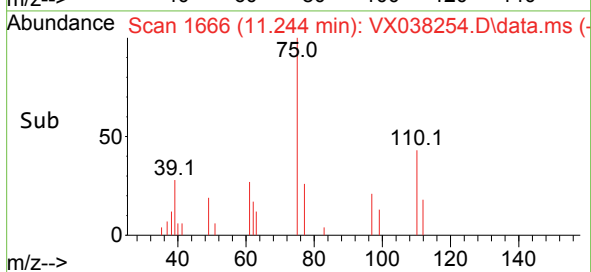
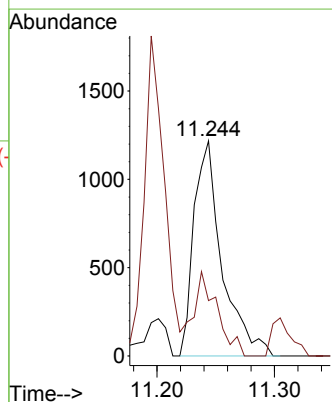
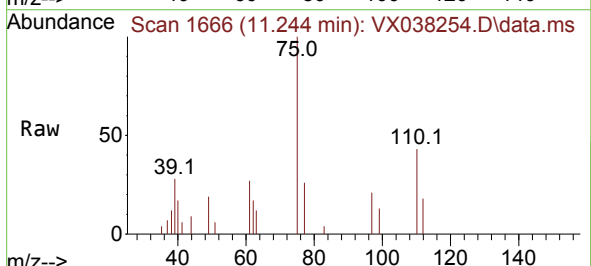
Acq: 12 Oct 2023 14:15

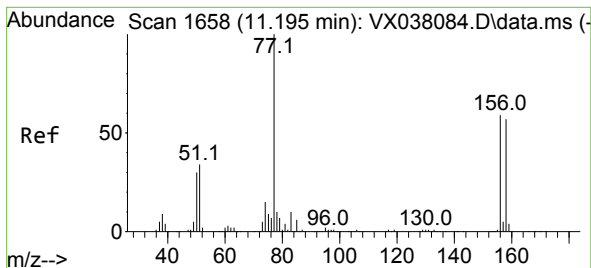
Tgt Ion: 75 Resp: 2025

Ion Ratio Lower Upper

75 100

77 33.7 19.1 57.5





#77

Bromobenzene

Concen: 0.801 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :

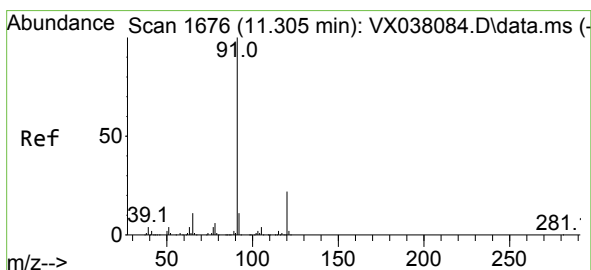
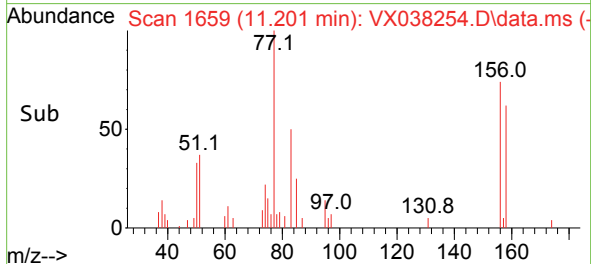
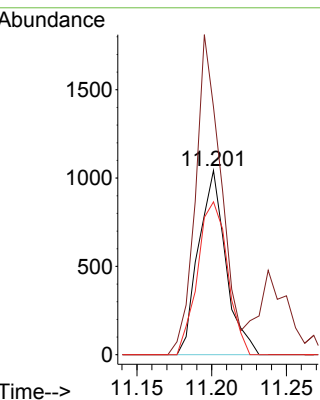
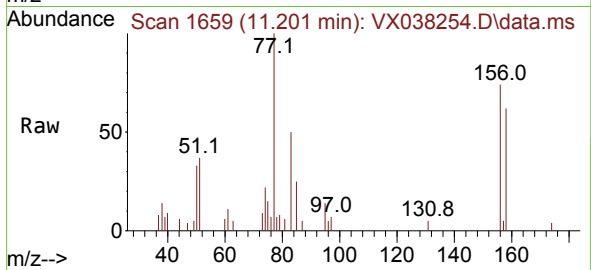
Tgt Ion:156 Resp: 1326

Ion Ratio Lower Upper

156 100

77 162.1 88.4 265.3

158 91.3 48.0 144.0



#78

n-propylbenzene

Concen: 0.750 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038254.D

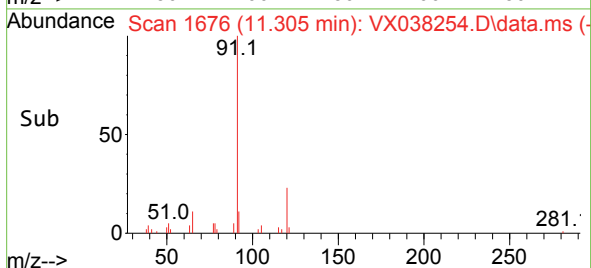
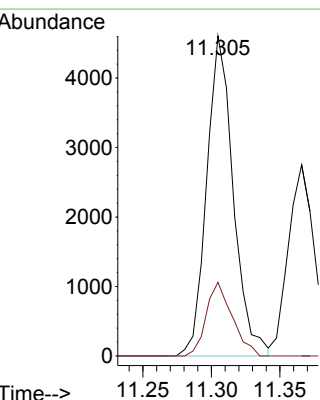
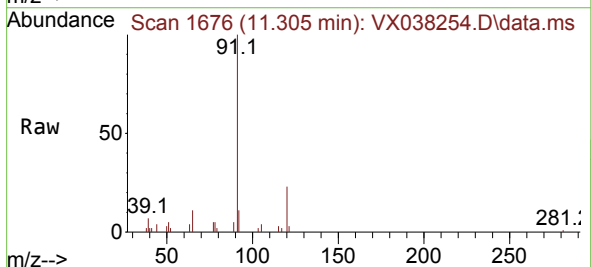
Acq: 12 Oct 2023 14:15

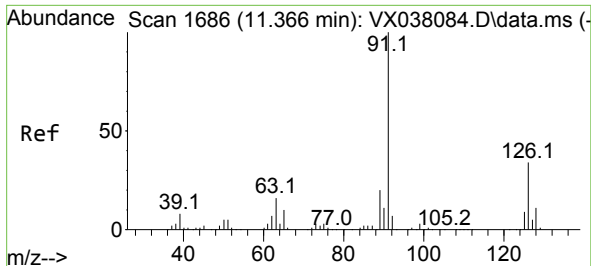
Tgt Ion: 91 Resp: 6218

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

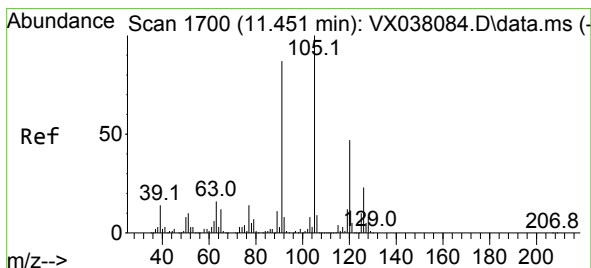
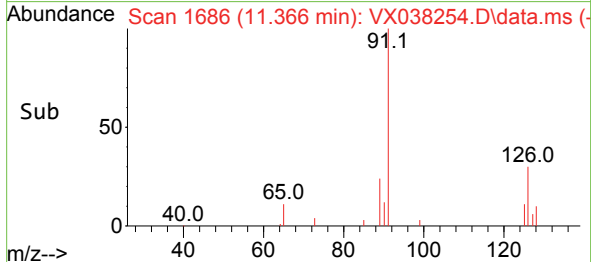
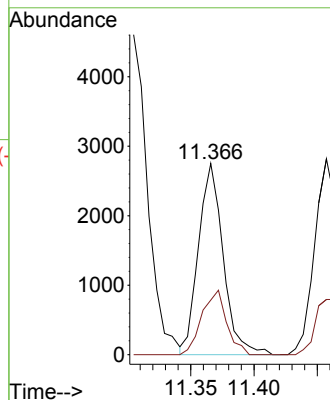
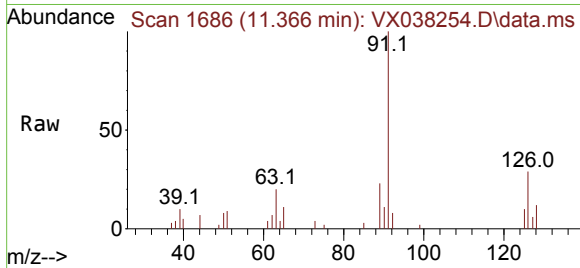




#79  
2-Chlorotoluene  
Concen: 0.763 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

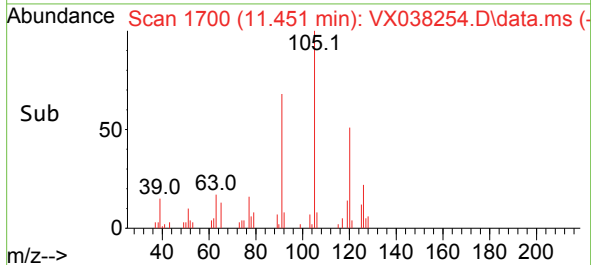
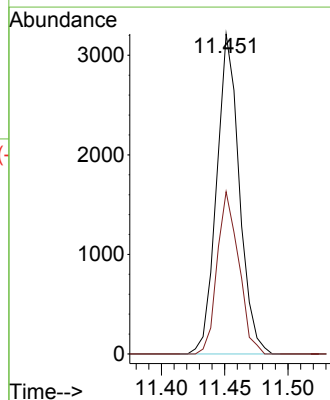
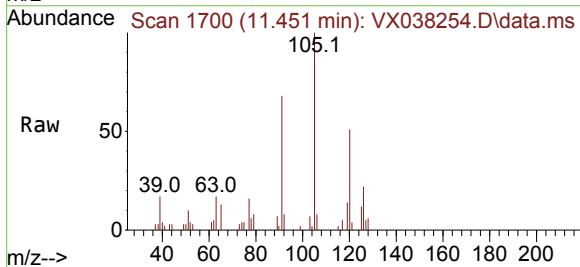
Instrument :  
MSVOA\_X  
ClientSampleId :

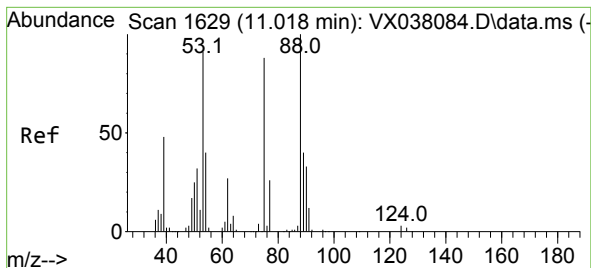
Tgt Ion: 91 Resp: 3753  
Ion Ratio Lower Upper  
91 100  
126 33.8 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 0.685 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 105 Resp: 4007  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.1 72.3

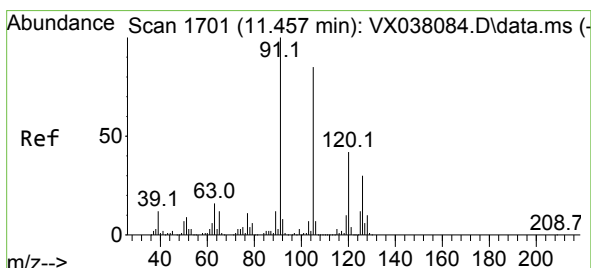
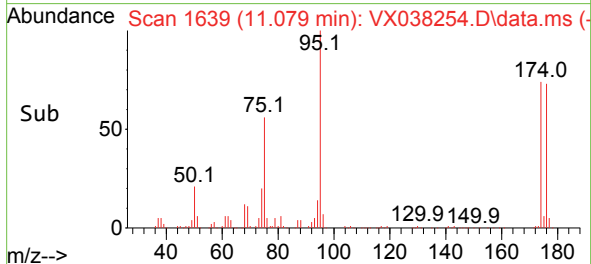
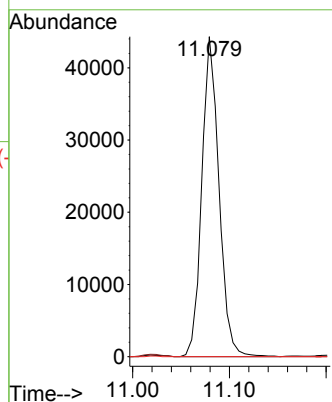
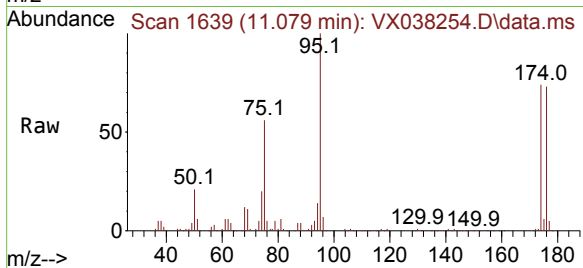




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 76.133 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.061 min  
 Lab File: VX038254.D  
 Acq: 12 Oct 2023 14:15

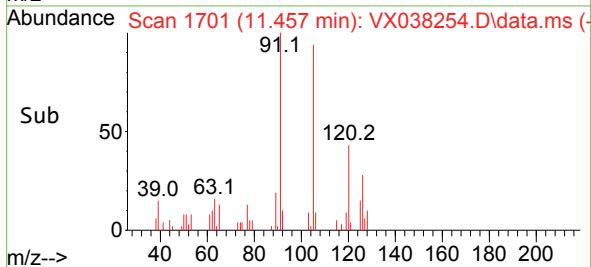
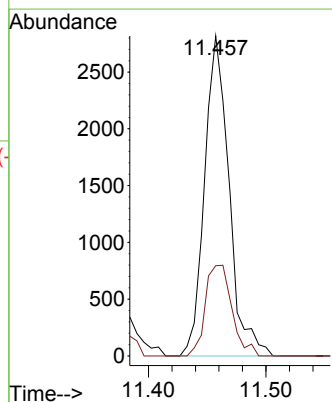
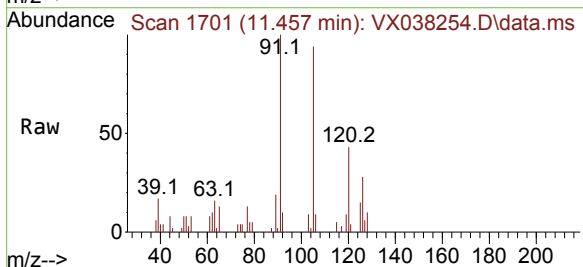
Instrument :  
 MSVOA\_X  
 ClientSampleId :

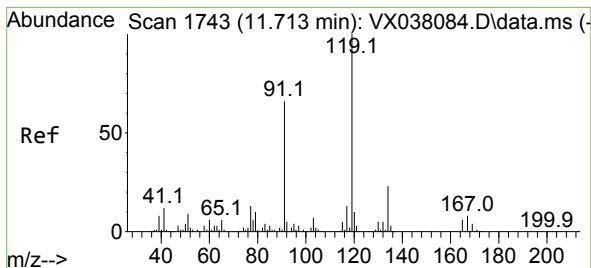
Tgt Ion: 75 Resp: 54799  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 90.5 135.7#  
 89 0.0 36.9 55.3#



#82  
 4-Chlorotoluene  
 Concen: 0.701 ug/l  
 RT: 11.457 min Scan# 1701  
 Delta R.T. 0.000 min  
 Lab File: VX038254.D  
 Acq: 12 Oct 2023 14:15

Tgt Ion: 91 Resp: 4079  
 Ion Ratio Lower Upper  
 91 100  
 126 30.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.710 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

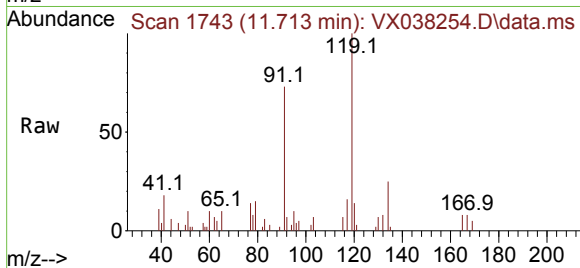
Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :



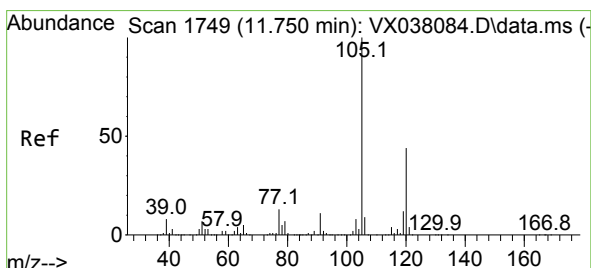
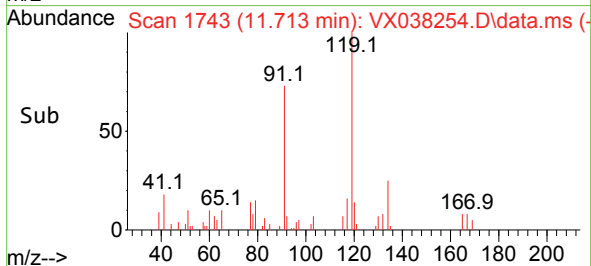
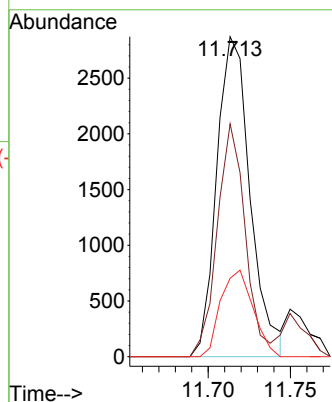
Tgt Ion:119 Resp: 4060

Ion Ratio Lower Upper

119 100

91 61.1 31.2 93.6

134 26.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.654 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX038254.D

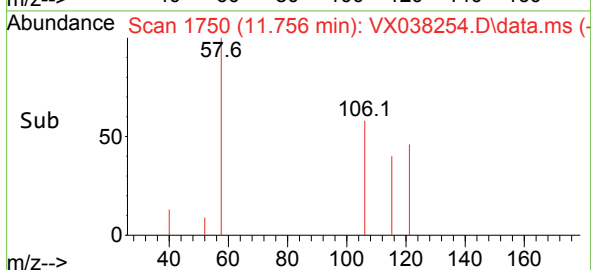
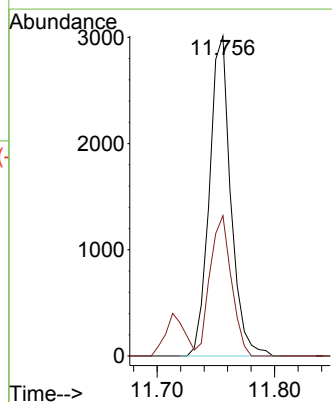
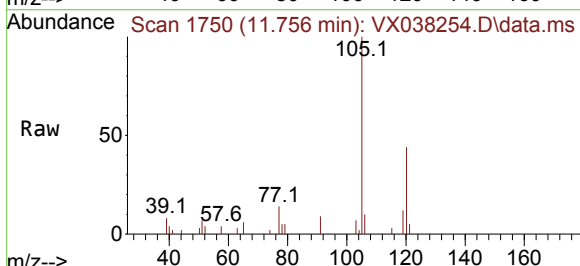
Acq: 12 Oct 2023 14:15

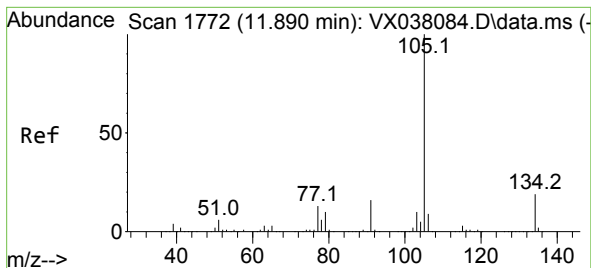
Tgt Ion:105 Resp: 3812

Ion Ratio Lower Upper

105 100

120 43.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.691 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

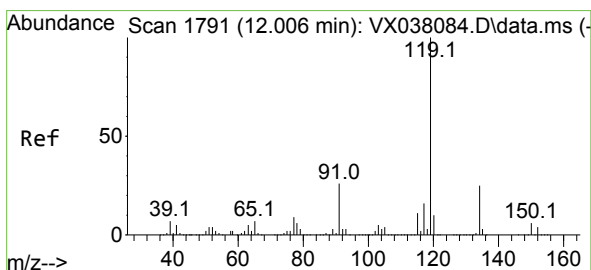
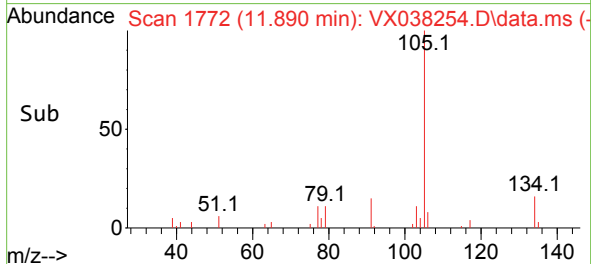
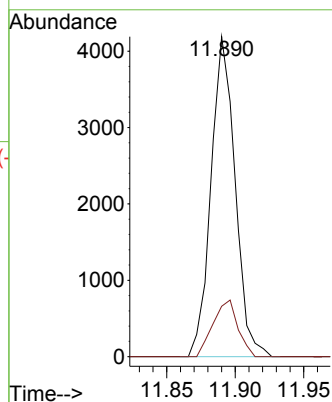
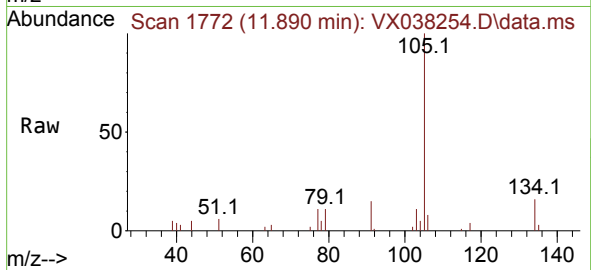
ClientSampleId :

Tgt Ion:105 Resp: 5116

Ion Ratio Lower Upper

105 100

134 18.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.702 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

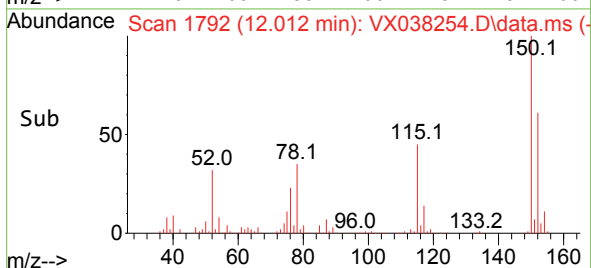
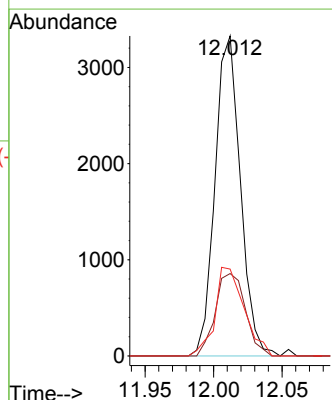
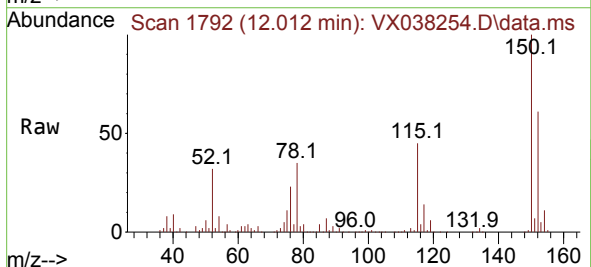
Tgt Ion:119 Resp: 4287

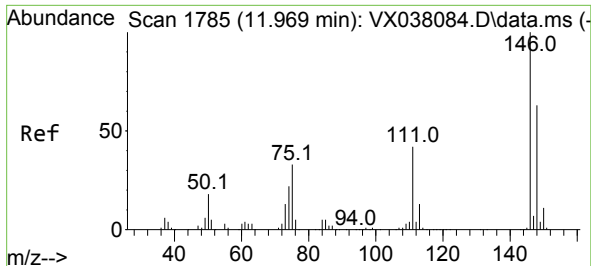
Ion Ratio Lower Upper

119 100

134 30.5 12.8 38.3

91 31.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.776 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

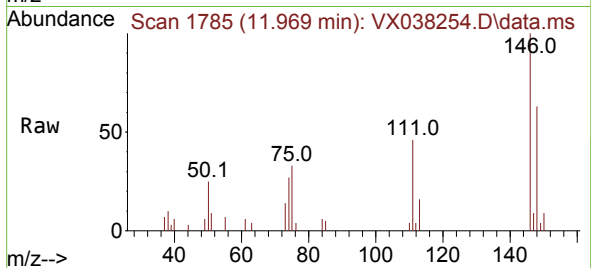
Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :



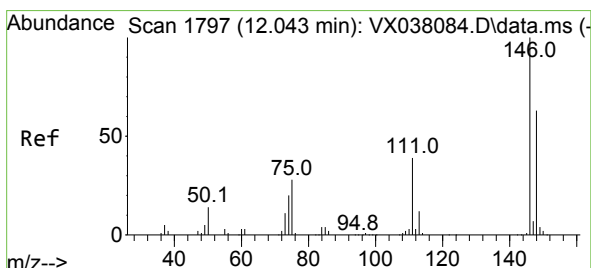
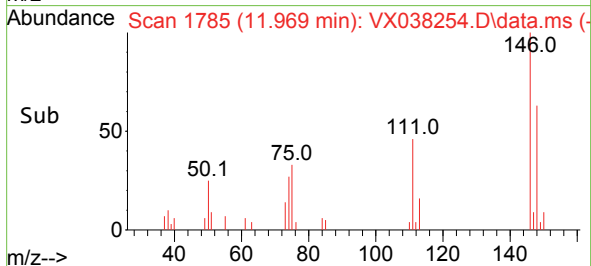
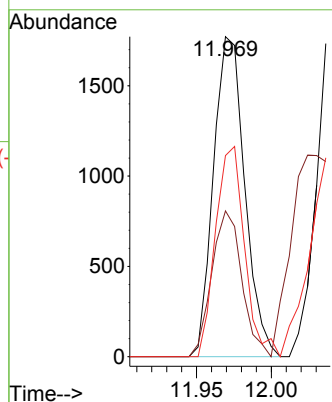
Tgt Ion:146 Resp: 2578

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.1

148 61.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.760 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.074 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

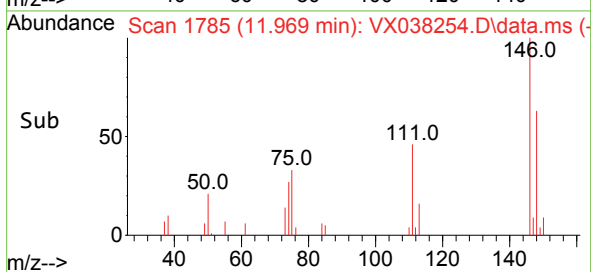
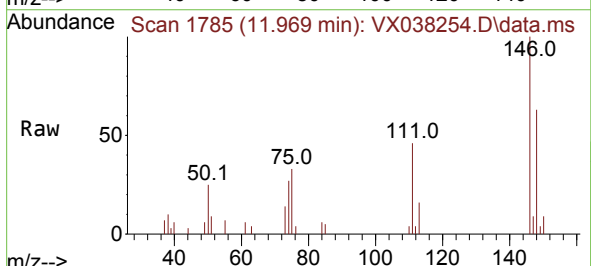
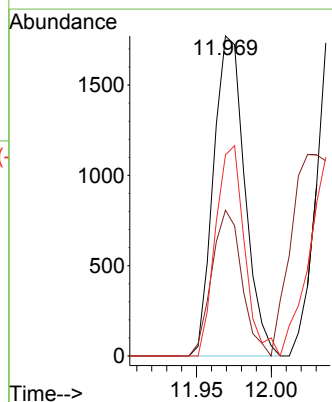
Tgt Ion:146 Resp: 2578

Ion Ratio Lower Upper

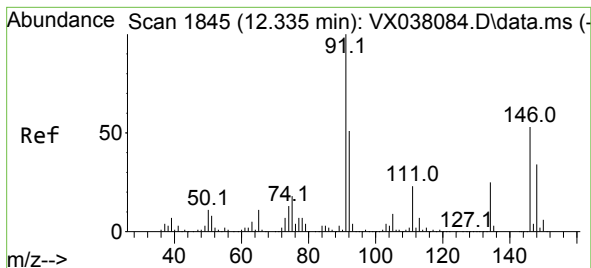
146 100

111 43.7 21.3 63.7

148 61.1 31.8 95.4







#89

n-Butylbenzene

Concen: 0.665 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :

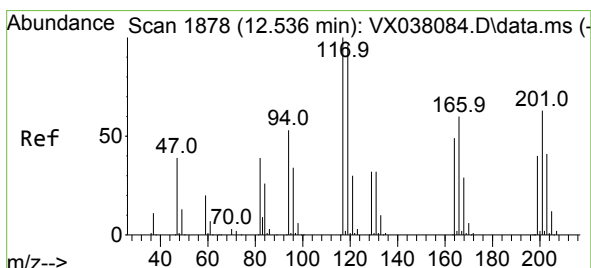
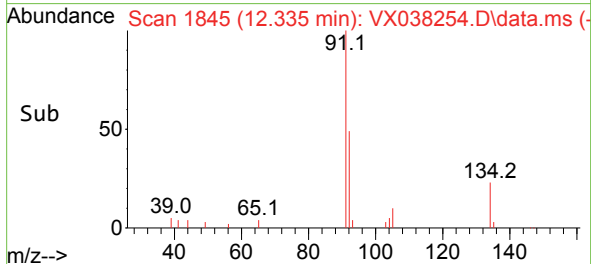
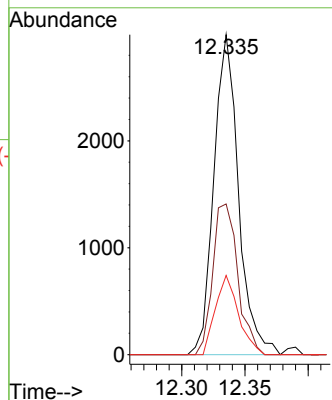
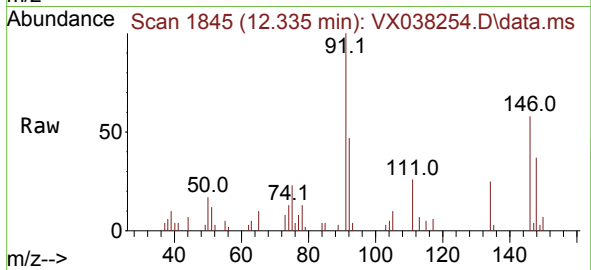
Tgt Ion: 91 Resp: 4047

Ion Ratio Lower Upper

91 100

92 48.0 27.4 82.0

134 23.2 12.6 37.8



#90

Hexachloroethane

Concen: 0.576 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038254.D

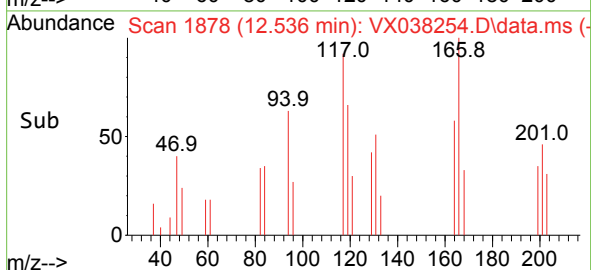
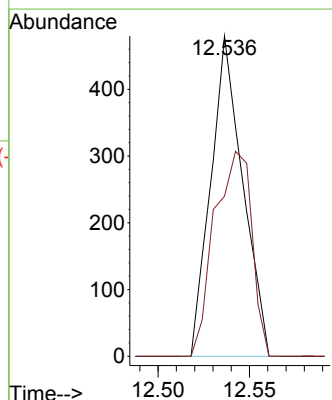
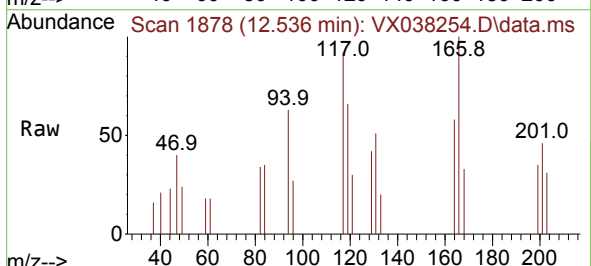
Acq: 12 Oct 2023 14:15

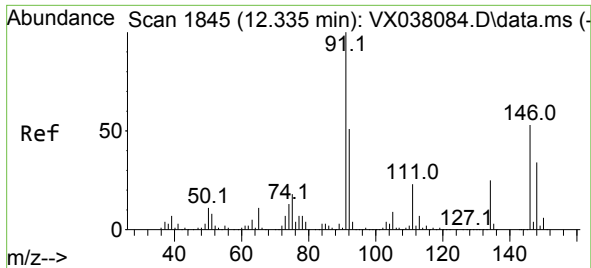
Tgt Ion: 117 Resp: 583

Ion Ratio Lower Upper

117 100

201 74.6 32.9 98.6

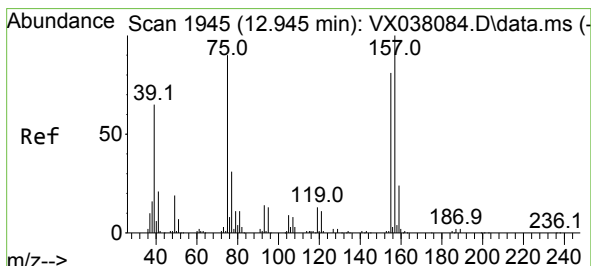
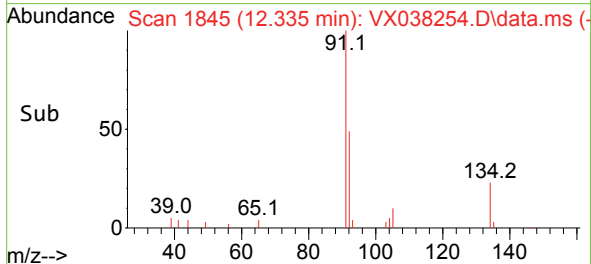
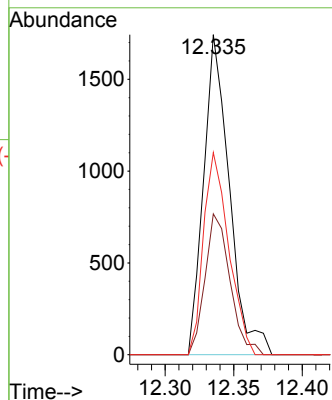
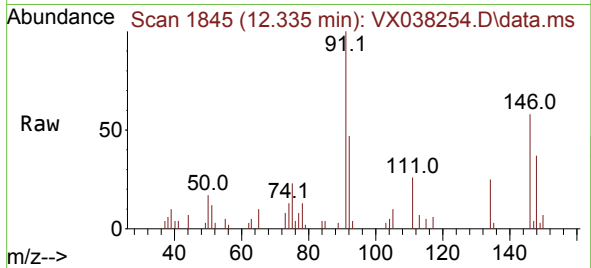




#91  
1,2-Dichlorobenzene  
Concen: 0.712 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

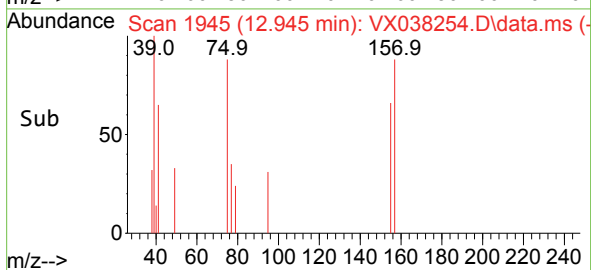
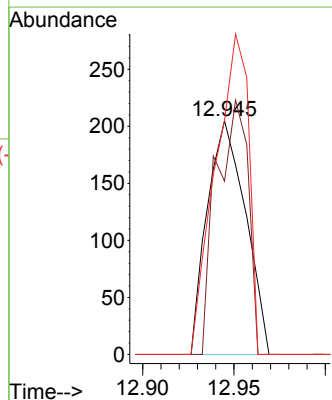
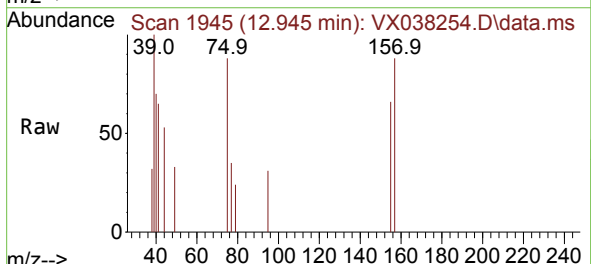
Instrument :  
MSVOA\_X  
ClientSampleId :

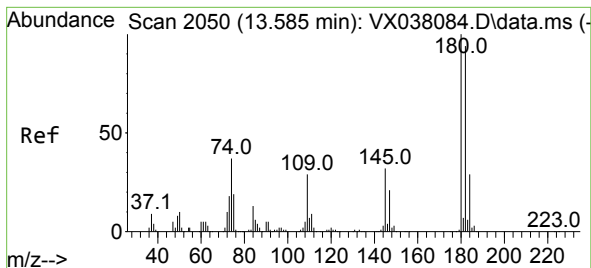
Tgt Ion:146 Resp: 2276  
Ion Ratio Lower Upper  
146 100  
111 42.8 22.4 67.0  
148 61.9 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.495 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX038254.D  
Acq: 12 Oct 2023 14:15

Tgt Ion: 75 Resp: 298  
Ion Ratio Lower Upper  
75 100  
155 89.9 36.1 108.5  
157 119.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.727 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :

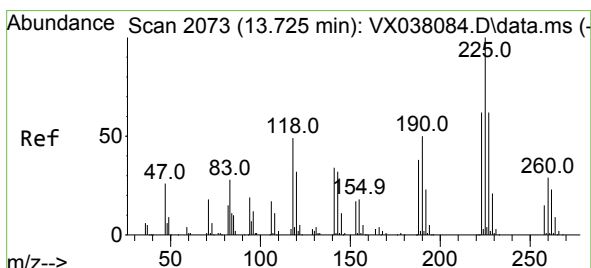
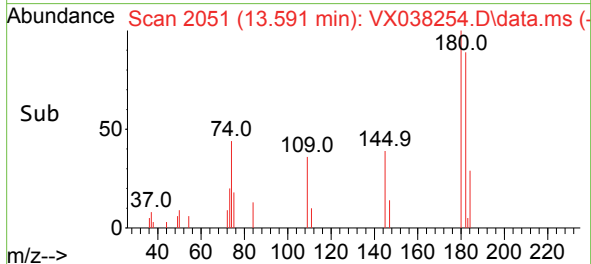
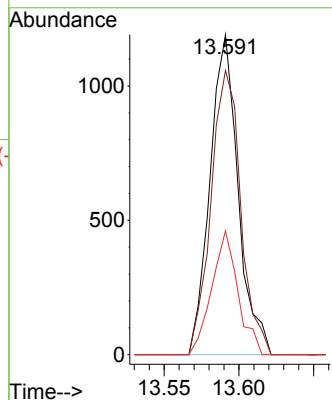
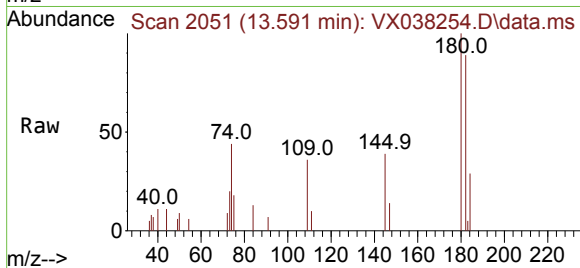
Tgt Ion:180 Resp: 1559

Ion Ratio Lower Upper

180 100

182 93.6 48.3 144.8

145 35.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.829 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

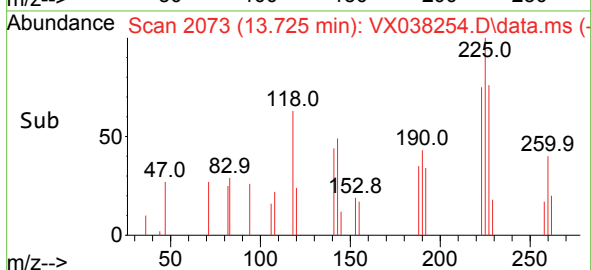
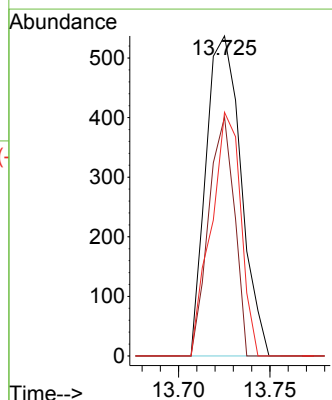
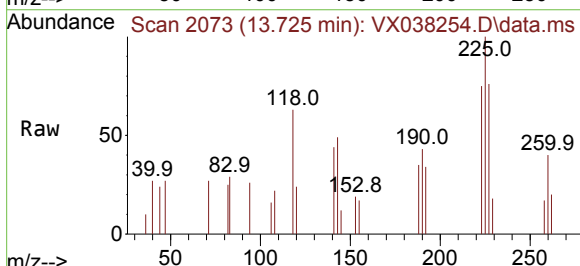
Tgt Ion:225 Resp: 715

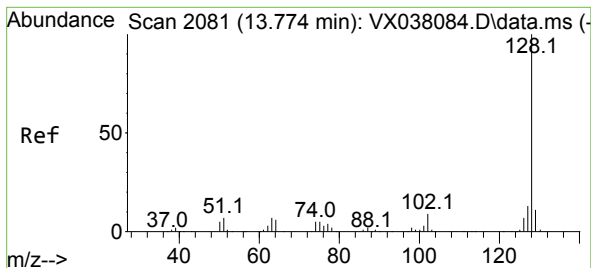
Ion Ratio Lower Upper

225 100

223 55.1 31.1 93.2

227 64.3 32.5 97.5





#95

Naphthalene

Concen: 0.598 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

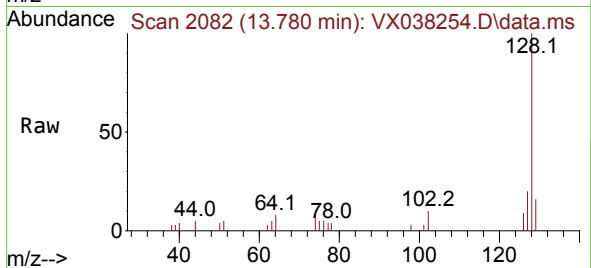
Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA\_X

ClientSampleId :



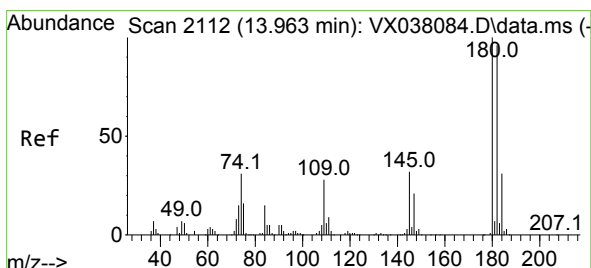
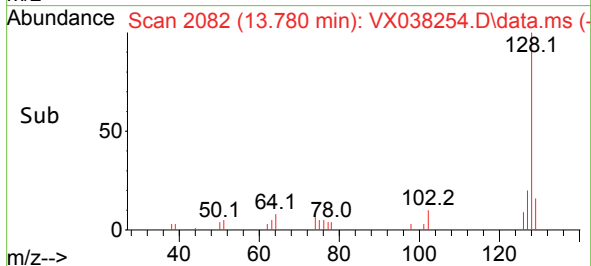
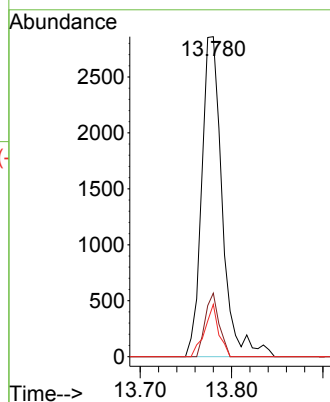
Tgt Ion:128 Resp: 4460

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.770 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Tgt Ion:180 Resp: 1598

Ion Ratio Lower Upper

180 100

182 90.0 46.9 140.6

145 32.9 17.8 53.5

